

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102825\
 Data File : VN088142.D
 Acq On : 28 Oct 2025 16:03
 Operator : JC\MD
 Sample : VN1028WBSD02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1028WBSD02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/29/2025
 Supervised By : Semsettin Yesilyurt 10/29/2025

Quant Time: Oct 29 02:27:24 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 25 00:15:22 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.206	168	290744	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	574944	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	522981	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	266094	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	301722	60.013	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 120.020%			
35) Dibromofluoromethane	8.153	113	199077	51.541	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.080%			
50) Toluene-d8	10.547	98	743214	49.937	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.880%			
62) 4-Bromofluorobenzene	12.829	95	280745	53.413	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 106.820%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.142	85	63824	19.461	ug/l	98
3) Chloromethane	2.383	50	74423	19.289	ug/l	98
4) Vinyl Chloride	2.536	62	82768	19.688	ug/l	99
5) Bromomethane	2.983	94	45648	18.154	ug/l	98
6) Chloroethane	3.142	64	55195	18.223	ug/l	95
7) Trichlorofluoromethane	3.512	101	123124	18.363	ug/l	95
8) Diethyl Ether	3.959	74	53902	21.630	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.365	101	64332	18.594	ug/l	99
10) Methyl Iodide	4.583	142	47876	17.061	ug/l	96
11) Tert butyl alcohol	5.518	59	101824	117.560	ug/l	99
12) 1,1-Dichloroethene	4.342	96	65665	17.969	ug/l	94
13) Acrolein	4.183	56	106396	109.207	ug/l	97
14) Allyl chloride	5.018	41	134477	20.995	ug/l	99
15) Acrylonitrile	5.712	53	270313	114.572	ug/l	99
16) Acetone	4.424	43	255423	101.126	ug/l	93
17) Carbon Disulfide	4.706	76	199240	17.936	ug/l	97
18) Methyl Acetate	5.024	43	120173	23.240	ug/l	99
19) Methyl tert-butyl Ether	5.783	73	299877	22.345	ug/l	97
20) Methylene Chloride	5.271	84	90606	23.464	ug/l	93
21) trans-1,2-Dichloroethene	5.783	96	79339	19.779	ug/l	99
22) Diisopropyl ether	6.659	45	305905	22.709	ug/l	97
23) Vinyl Acetate	6.588	43	1411130	116.296	ug/l	98
24) 1,1-Dichloroethane	6.553	63	165369	22.162	ug/l	96
25) 2-Butanone	7.471	43	379714	114.076	ug/l	99
26) 2,2-Dichloropropane	7.471	77	130190	19.199	ug/l	97
27) cis-1,2-Dichloroethene	7.471	96	100328	21.727	ug/l	97
28) Bromochloromethane	7.794	49	70869	20.101	ug/l	95
29) Tetrahydrofuran	7.824	42	241129	111.157	ug/l	99
30) Chloroform	7.947	83	168745	22.637	ug/l	99
31) Cyclohexane	8.235	56	134151	19.062	ug/l	96
32) 1,1,1-Trichloroethane	8.153	97	137555	20.718	ug/l	93
36) 1,1-Dichloropropene	8.353	75	110693	19.628	ug/l	99
37) Ethyl Acetate	7.547	43	149318	20.517	ug/l	97
38) Carbon Tetrachloride	8.341	117	112363	19.290	ug/l	91
39) Methylcyclohexane	9.582	83	124298	17.147	ug/l	97
40) Benzene	8.588	78	354412	20.635	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.759	41	77271	20.173	ug/l	93
42) 1,2-Dichloroethane	8.653	62	138708	22.729	ug/l	98
43) Isopropyl Acetate	8.671	43	246164	22.012	ug/l	99
44) Trichloroethene	9.329	130	77884	19.400	ug/l	97
45) 1,2-Dichloropropane	9.600	63	91337	21.064	ug/l	97
46) Dibromomethane	9.688	93	67213	21.734	ug/l	97
47) Bromodichloromethane	9.871	83	131428	21.227	ug/l	96
48) Methyl methacrylate	9.665	41	115776	22.423	ug/l	99
49) 1,4-Dioxane	9.676	88	31352	488.224	ug/l #	100
51) 4-Methyl-2-Pentanone	10.423	43	758849	114.700	ug/l	100
52) Toluene	10.606	92	213258	20.139	ug/l	99
53) t-1,3-Dichloropropene	10.818	75	135621	20.580	ug/l	98
54) cis-1,3-Dichloropropene	10.294	75	146055	20.887	ug/l	95
55) 1,1,2-Trichloroethane	10.994	97	81940	20.396	ug/l	98
56) Ethyl methacrylate	10.853	69	140597	22.114	ug/l	98
57) 1,3-Dichloropropane	11.141	76	152441	21.587	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.141	63	342582	103.592	ug/l	100
59) 2-Hexanone	11.176	43	485544	110.631	ug/l	98
60) Dibromochloromethane	11.341	129	93455	20.466	ug/l	98
61) 1,2-Dibromoethane	11.447	107	86135	20.832	ug/l	99
64) Tetrachloroethene	11.082	164	64145	18.595	ug/l	95
65) Chlorobenzene	11.870	112	231268	19.475	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.935	131	79172	20.350	ug/l	97
67) Ethyl Benzene	11.941	91	410681	19.702	ug/l	99
68) m/p-Xylenes	12.047	106	301686	38.627	ug/l	99
69) o-Xylene	12.376	106	150113	20.275	ug/l	100
70) Styrene	12.388	104	251029	20.792	ug/l	99
71) Bromoform	12.559	173	56816	19.569	ug/l #	96
73) Isopropylbenzene	12.676	105	378193	18.428	ug/l	99
74) N-amyl acetate	12.676	43	105705m	18.144	ug/l	
75) 1,1,2,2-Tetrachloroethane	12.917	83	129327	20.240	ug/l	98
76) 1,2,3-Trichloropropane	12.970	75	123081m	20.231	ug/l	
77) Bromobenzene	12.959	156	89926	20.319	ug/l	99
78) n-propylbenzene	13.012	91	457987	18.286	ug/l	99
79) 2-Chlorotoluene	13.100	91	284185	19.897	ug/l	97
80) 1,3,5-Trimethylbenzene	13.153	105	321756	18.877	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.717	75	34327	15.740	ug/l	96
82) 4-Chlorotoluene	13.200	91	288090	18.643	ug/l	99
83) tert-Butylbenzene	13.412	119	272392	17.890	ug/l	99
84) 1,2,4-Trimethylbenzene	13.459	105	331266	19.425	ug/l	99
85) sec-Butylbenzene	13.594	105	391661	17.508	ug/l	100
86) p-Isopropyltoluene	13.706	119	326142	18.174	ug/l	99
87) 1,3-Dichlorobenzene	13.711	146	169653	19.203	ug/l	100
88) 1,4-Dichlorobenzene	13.788	146	172812	18.212	ug/l	97
89) n-Butylbenzene	14.035	91	306893	17.265	ug/l	99
90) Hexachloroethane	14.306	117	58759	16.908	ug/l	98
91) 1,2-Dichlorobenzene	14.082	146	165293	19.409	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.700	75	30219	20.320	ug/l	92
93) 1,2,4-Trichlorobenzene	15.364	180	97266	18.859	ug/l	99
94) Hexachlorobutadiene	15.476	225	33993	17.699	ug/l	98
95) Naphthalene	15.611	128	340968	19.298	ug/l	99
96) 1,2,3-Trichlorobenzene	15.811	180	92395	18.683	ug/l	99

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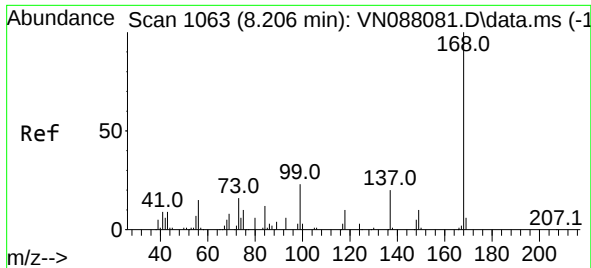
Manual Integrations
APPROVED

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Supervised By :Semsettin Yesilyurt 10/29/2025

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
Quant Title : SW846 8260
QLast Update : Sat Oct 25 00:15:22 2025
Response via : Initial Calibration

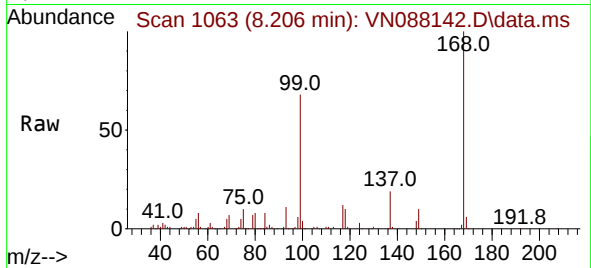
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. -0.000 min
Lab File: VN088142.D
Acq: 28 Oct 2025 16:03

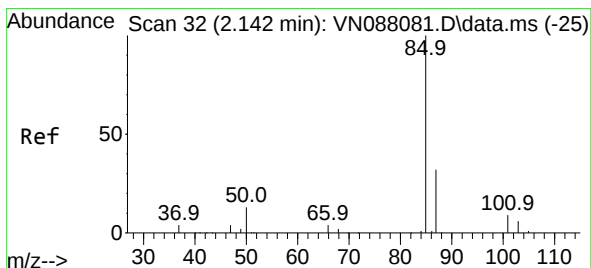
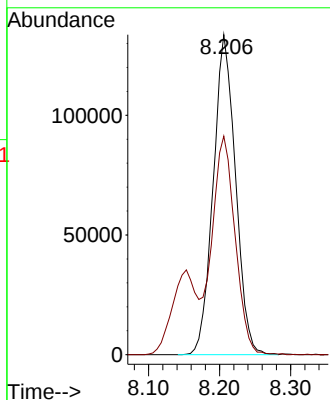
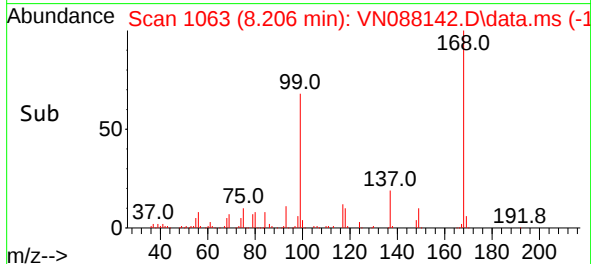
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBSD02



Tgt Ion:168 Resp: 290744
Ion Ratio Lower Upper
168 100
99 68.1 57.2 85.8

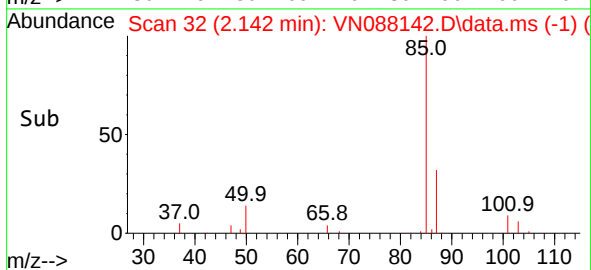
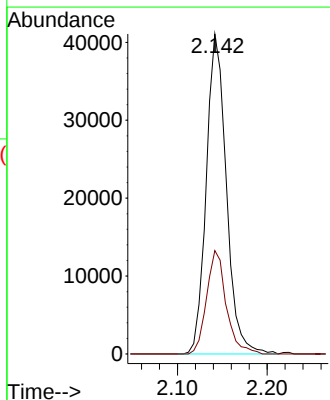
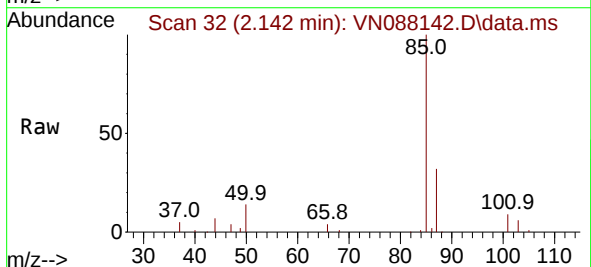
Manual Integrations
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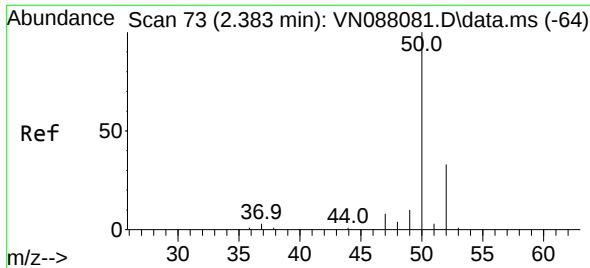
Reviewed By :John Carlone 10/29/2025
Supervised By :Semsettin Yesilyurt 10/29/2025



#2
Dichlorodifluoromethane
Concen: 19.461 ug/l
RT: 2.142 min Scan# 32
Delta R.T. -0.000 min
Lab File: VN088142.D
Acq: 28 Oct 2025 16:03

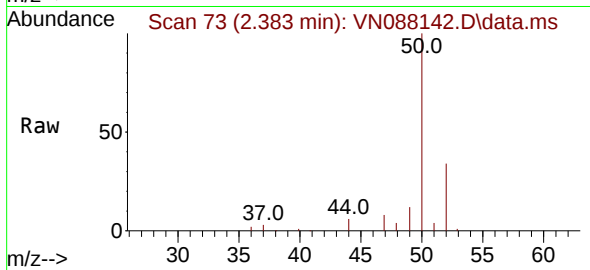
Tgt Ion: 85 Resp: 63824
Ion Ratio Lower Upper
85 100
87 32.3 16.6 49.8





#3
Chloromethane
Concen: 19.289 ug/l
RT: 2.383 min Scan# 71
Delta R.T. -0.000 min
Lab File: VN088142.D
Acq: 28 Oct 2025 16:03

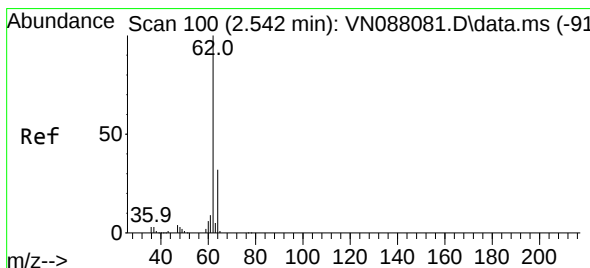
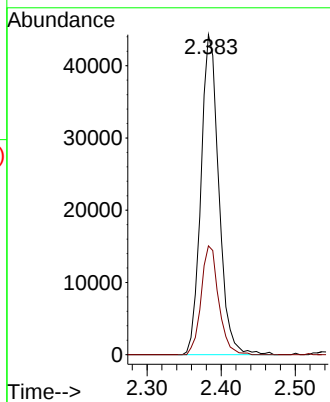
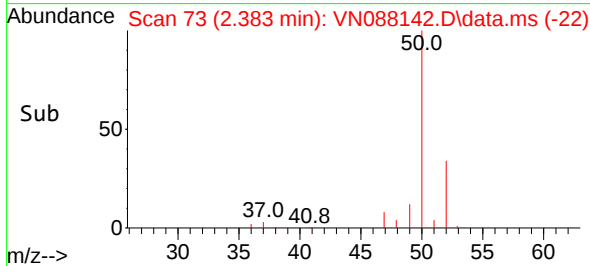
Instrument :
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ClientSampleId :
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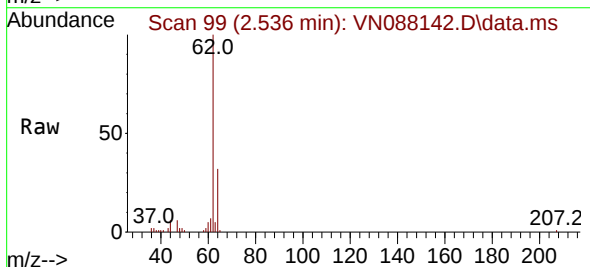
Tgt Ion: 50 Resp: 7442
Ion Ratio Lower Upper
50 100
52 34.0 26.2 39.4

Manual Integrations
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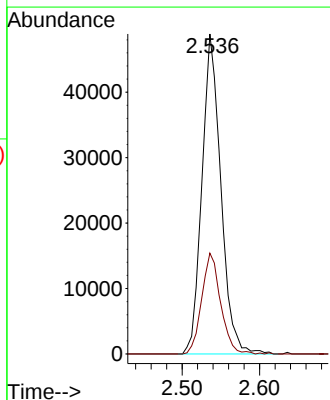
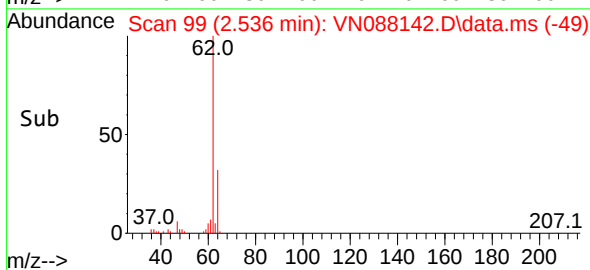
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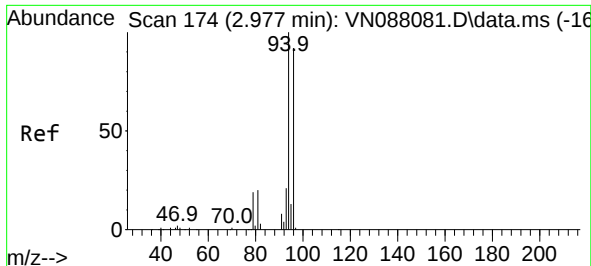


#4
Vinyl Chloride
Concen: 19.688 ug/l
RT: 2.536 min Scan# 99
Delta R.T. -0.006 min
Lab File: VN088142.D
Acq: 28 Oct 2025 16:03



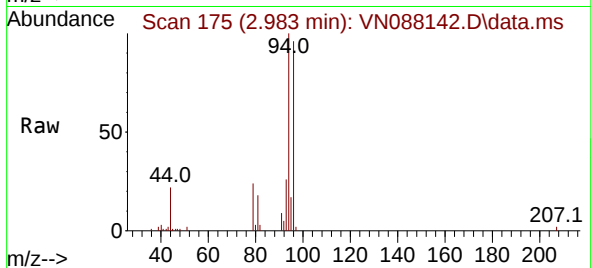
Tgt Ion: 62 Resp: 82768
Ion Ratio Lower Upper
62 100
64 31.5 24.6 37.0





#5
Bromomethane
Concen: 18.154 ug/l
RT: 2.983 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN088142.D
Acq: 28 Oct 2025 16:03

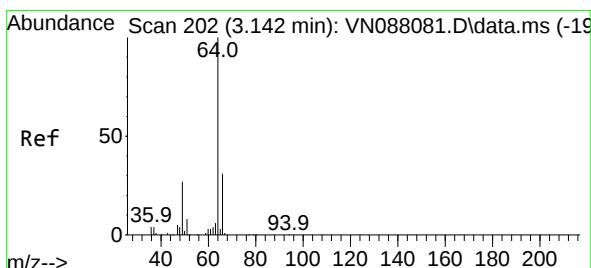
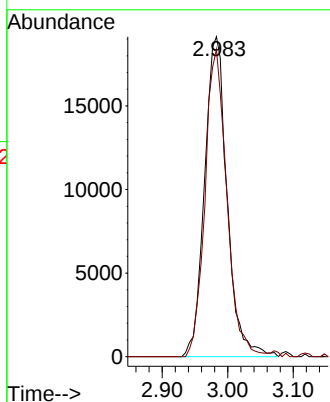
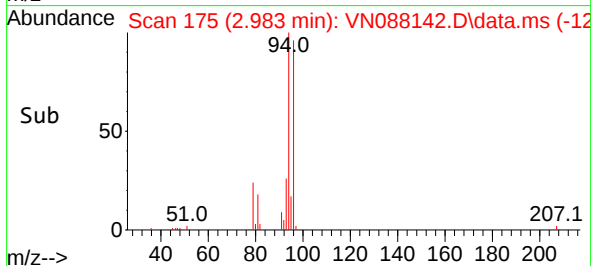
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Tgt Ion: 94 Resp: 4564
Ion Ratio Lower Upper
94 100
96 96.1 75.4 113.2

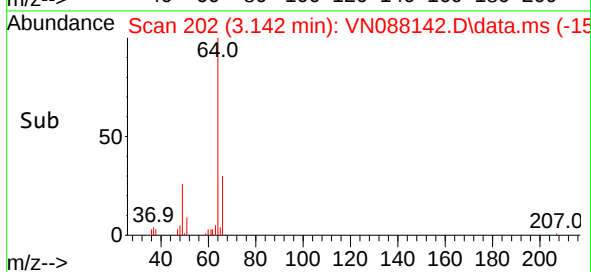
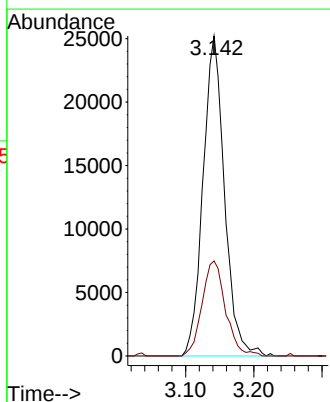
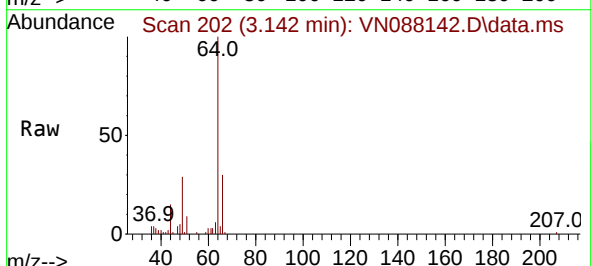
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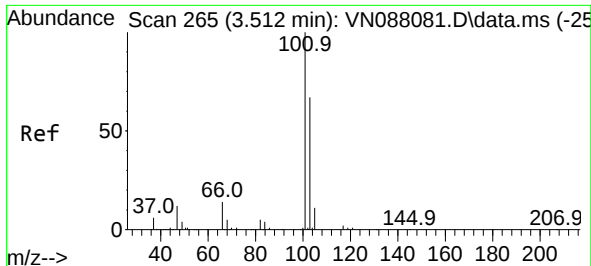
Reviewed By :John Carlone 10/29/2025
Supervised By :Semsettin Yesilyurt 10/29/2025



#6
Chloroethane
Concen: 18.223 ug/l
RT: 3.142 min Scan# 202
Delta R.T. 0.006 min
Lab File: VN088142.D
Acq: 28 Oct 2025 16:03

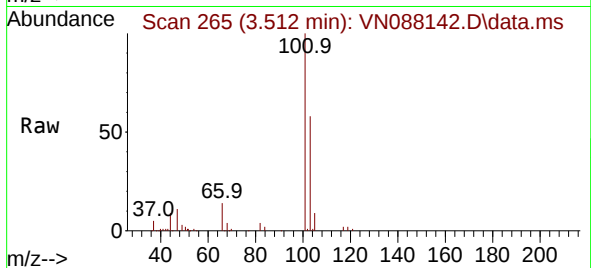
Tgt Ion: 64 Resp: 55195
Ion Ratio Lower Upper
64 100
66 29.7 26.2 39.2





#7
 Trichlorofluoromethane
 Concen: 18.363 ug/l
 RT: 3.512 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN088142.D
 Acq: 28 Oct 2025 16:03

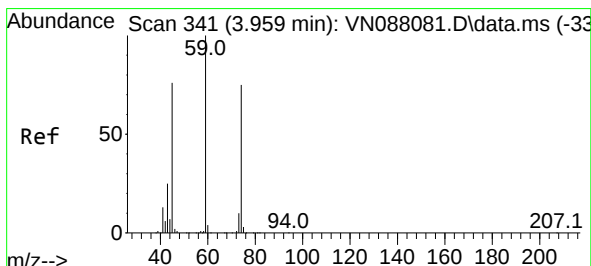
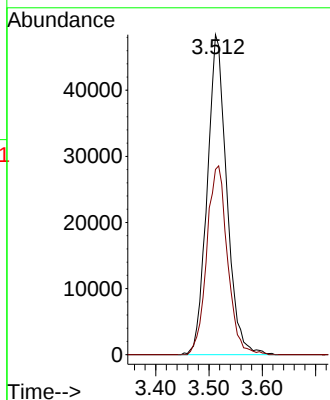
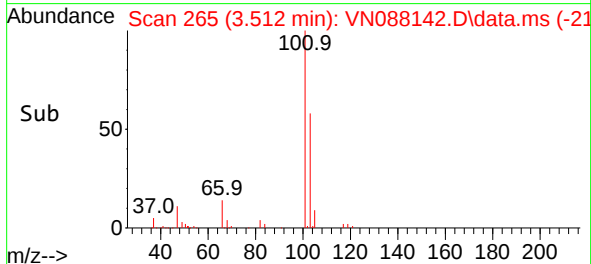
Instrument :
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Tgt Ion:101 Resp: 123124
 Ion Ratio Lower Upper
 101 100
 103 57.9 49.4 74.0

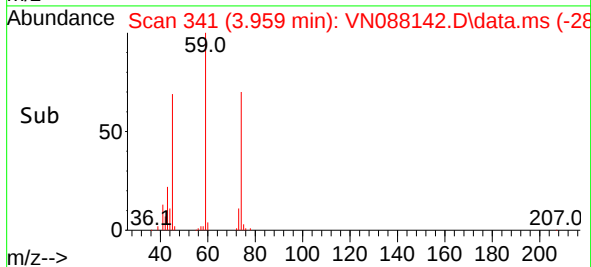
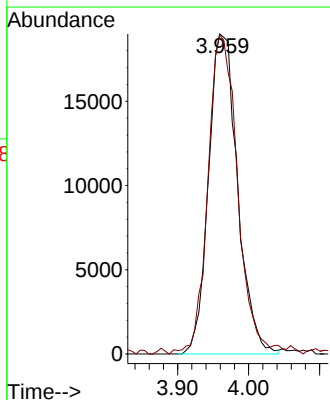
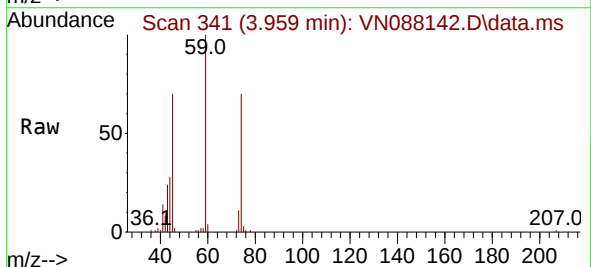
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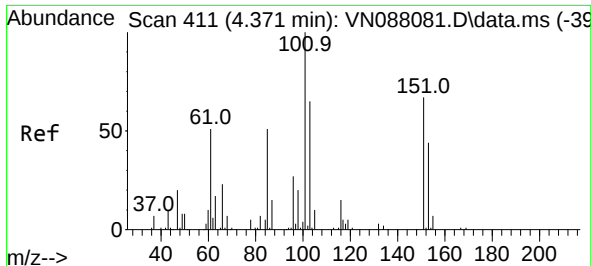
Reviewed By :John Carlone 10/29/2025
 Supervised By :Semsettin Yesilyurt 10/29/2025



#8
 Diethyl Ether
 Concen: 21.630 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.006 min
 Lab File: VN088142.D
 Acq: 28 Oct 2025 16:03

Tgt Ion: 74 Resp: 53902
 Ion Ratio Lower Upper
 74 100
 45 101.9 50.6 151.9





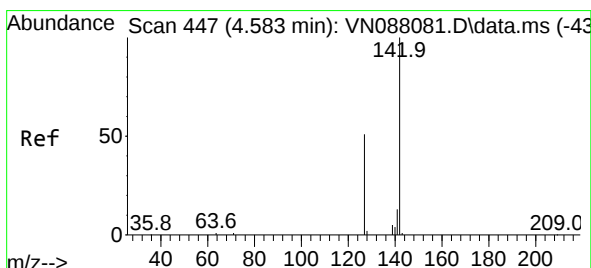
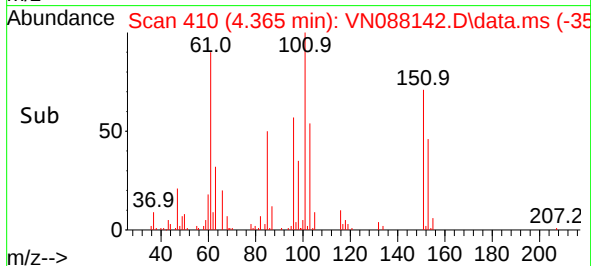
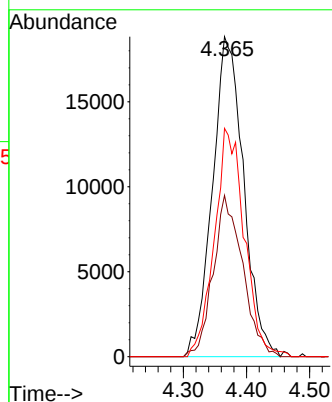
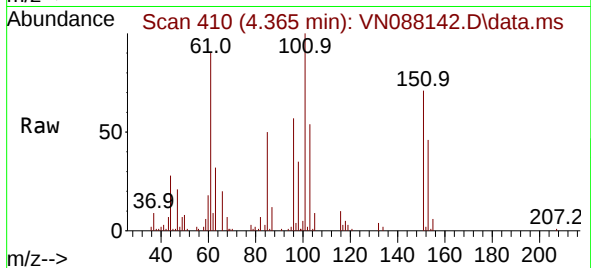
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.594 ug/l
RT: 4.365 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN088142.D
Acq: 28 Oct 2025 16:03

Instrument :
MSVOA_N
ClientSampleId :
VN1028WBSD02

Tgt Ion:101 Resp: 6433
Ion Ratio Lower Upper
101 100
85 47.7 36.6 55.0
151 68.8 54.7 82.1

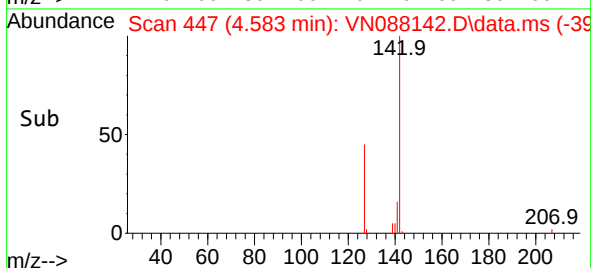
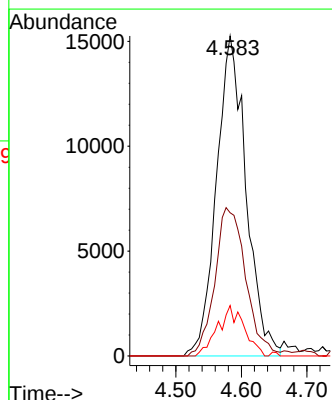
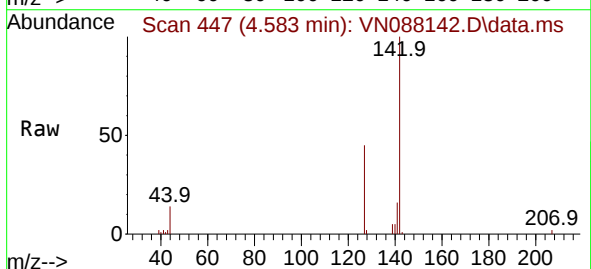
Manual Integrations
APPROVED

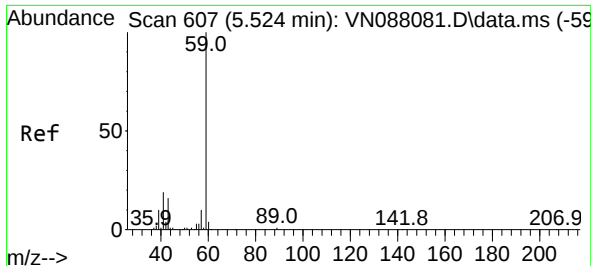
Reviewed By :John Carlone 10/29/2025
Supervised By :Semsettin Yesilyurt 10/29/2025



#10
Methyl Iodide
Concen: 17.061 ug/l
RT: 4.583 min Scan# 447
Delta R.T. 0.006 min
Lab File: VN088142.D
Acq: 28 Oct 2025 16:03

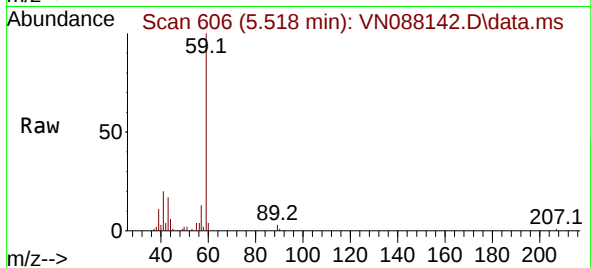
Tgt Ion:142 Resp: 47876
Ion Ratio Lower Upper
142 100
127 44.8 38.0 57.0
141 15.8 12.0 18.0





#11
Tert butyl alcohol
Concen: 117.560 ug/l
RT: 5.518 min Scan# 607
Delta R.T. -0.000 min
Lab File: VN088142.D
Acq: 28 Oct 2025 16:03

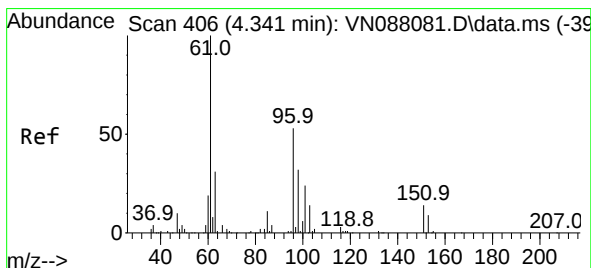
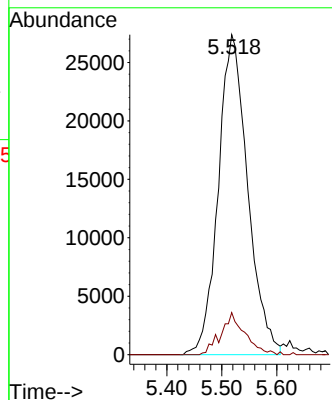
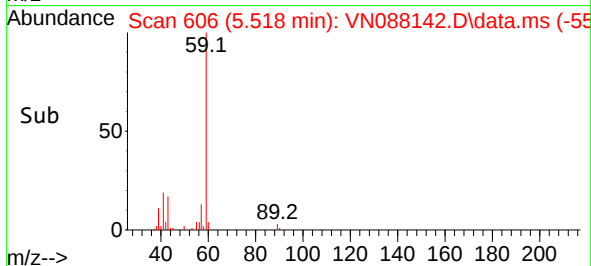
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBSD02



Tgt Ion: 59 Resp: 101824
Ion Ratio Lower Upper
59 100
57 10.7 9.0 13.4

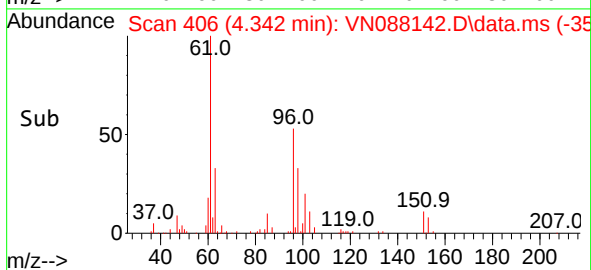
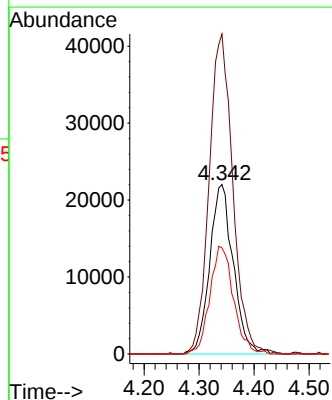
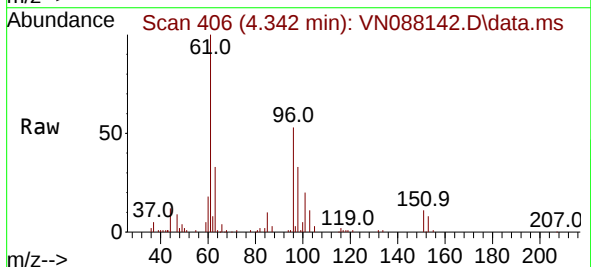
Manual Integrations
APPROVED

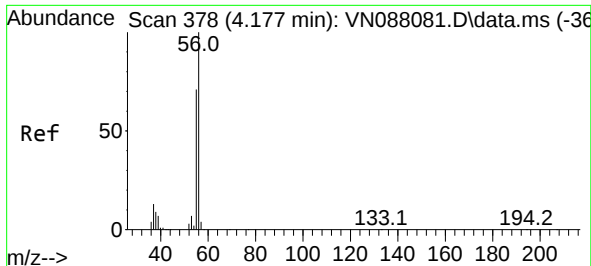
Reviewed By :John Carlone 10/29/2025
Supervised By :Semsettin Yesilyurt 10/29/2025



#12
1,1-Dichloroethene
Concen: 17.969 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN088142.D
Acq: 28 Oct 2025 16:03

Tgt Ion: 96 Resp: 65665
Ion Ratio Lower Upper
96 100
61 188.8 143.8 215.8
98 62.6 52.1 78.1





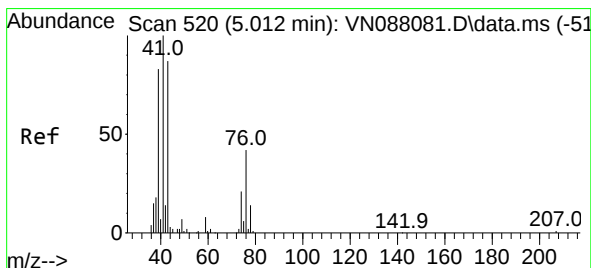
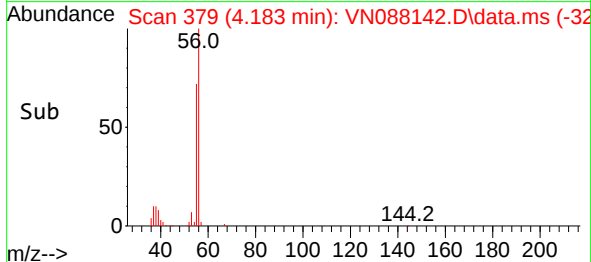
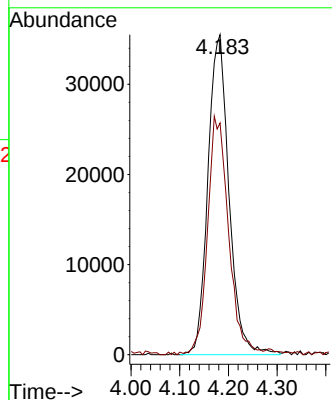
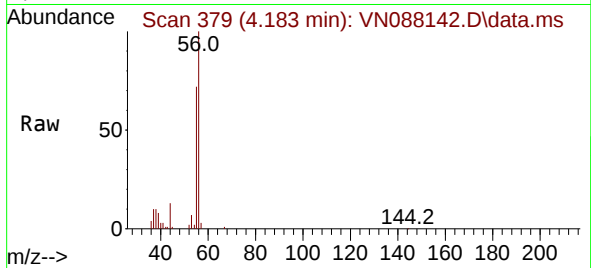
#13
Acrolein
Concen: 109.207 ug/l
RT: 4.183 min Scan# 31
Delta R.T. 0.012 min
Lab File: VN088142.D
Acq: 28 Oct 2025 16:03

Instrument :
MSVOA_N
ClientSampleId :
VN1028WBSD02

Tgt Ion: 56 Resp: 106390
Ion Ratio Lower Upper
56 100
55 74.2 57.3 85.9

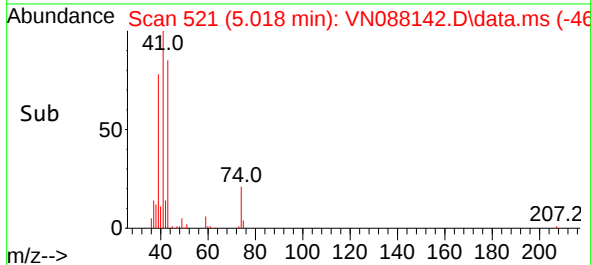
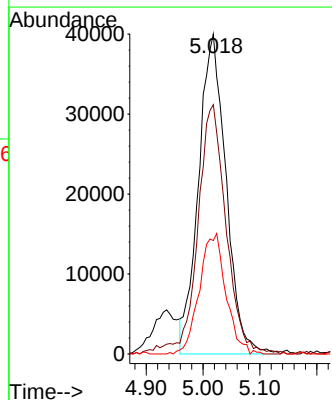
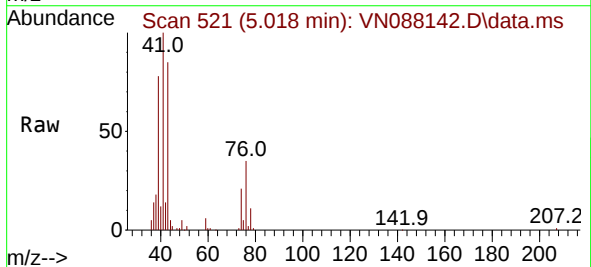
Manual Integrations
APPROVED

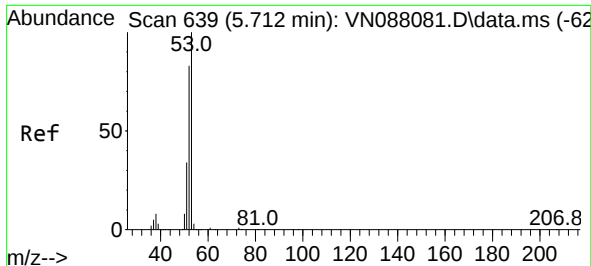
Reviewed By :John Carlone 10/29/2025
Supervised By :Semsettin Yesilyurt 10/29/2025



#14
Allyl chloride
Concen: 20.995 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.012 min
Lab File: VN088142.D
Acq: 28 Oct 2025 16:03

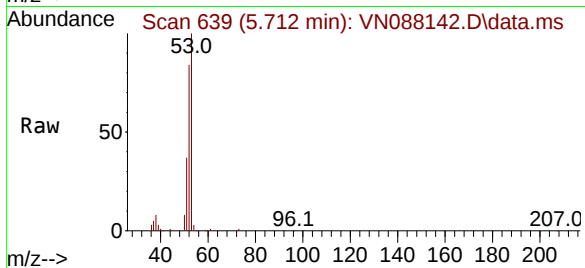
Tgt Ion: 41 Resp: 134477
Ion Ratio Lower Upper
41 100
39 80.8 63.9 95.9
76 36.5 28.1 42.1





#15
Acrylonitrile
Concen: 114.572 ug/l
RT: 5.712 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN088142.D
Acq: 28 Oct 2025 16:03

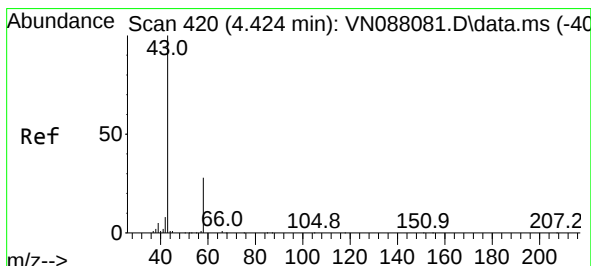
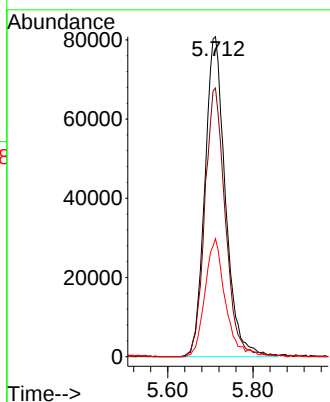
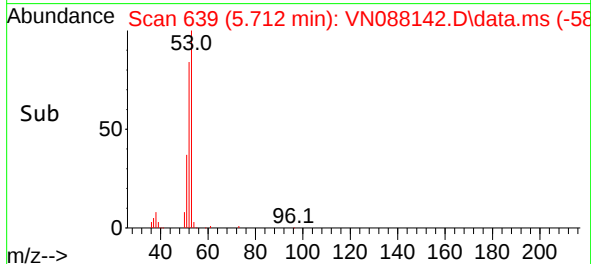
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBSD02



Tgt Ion: 53 Resp: 27031
Ion Ratio Lower Upper
53 100
52 84.0 67.6 101.4
51 36.5 30.1 45.1

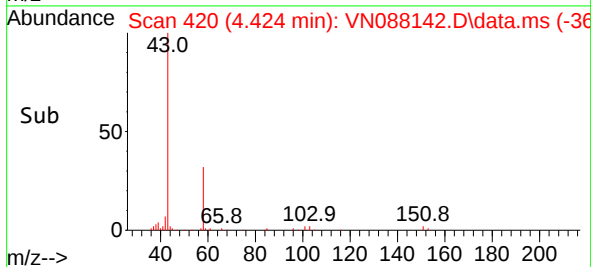
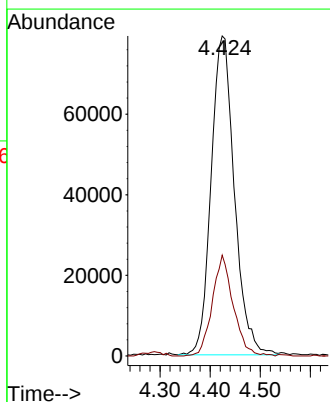
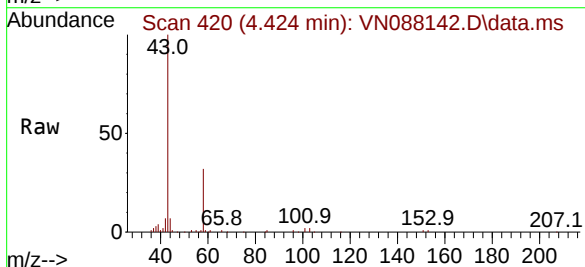
Manual Integrations
APPROVED

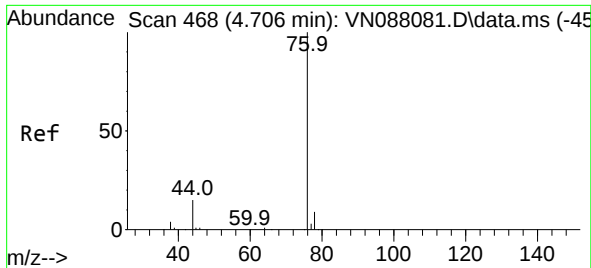
Reviewed By :John Carlone 10/29/2025
Supervised By :Semsettin Yesilyurt 10/29/2025



#16
Acetone
Concen: 101.126 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN088142.D
Acq: 28 Oct 2025 16:03

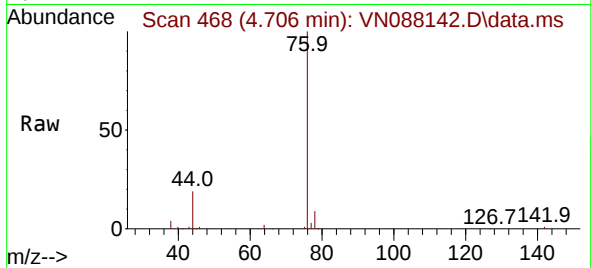
Tgt Ion: 43 Resp: 255423
Ion Ratio Lower Upper
43 100
58 31.6 22.6 33.8





#17
Carbon Disulfide
Concen: 17.936 ug/l
RT: 4.706 min Scan# 468
Delta R.T. 0.006 min
Lab File: VN088142.D
Acq: 28 Oct 2025 16:03

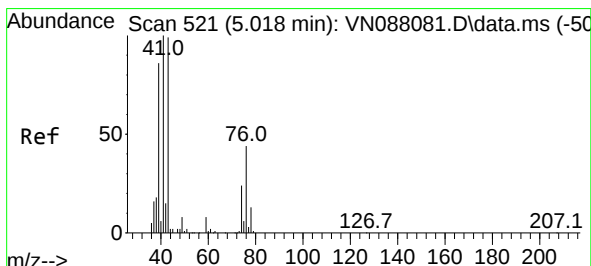
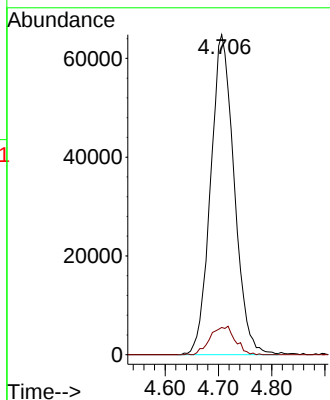
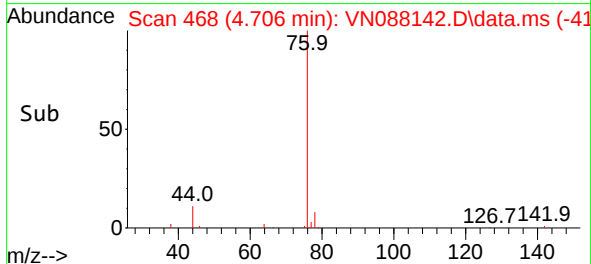
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBSD02



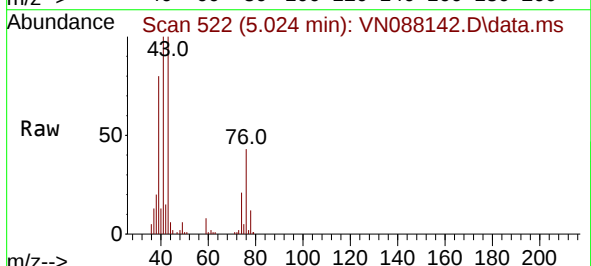
Tgt Ion: 76 Resp: 199240
Ion Ratio Lower Upper
76 100
78 8.5 7.6 11.4

Manual Integrations
APPROVED

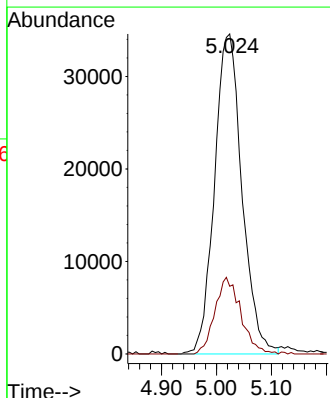
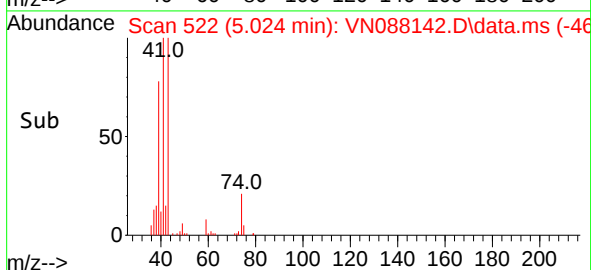
Reviewed By :John Carlone 10/29/2025
Supervised By :Semsettin Yesilyurt 10/29/2025

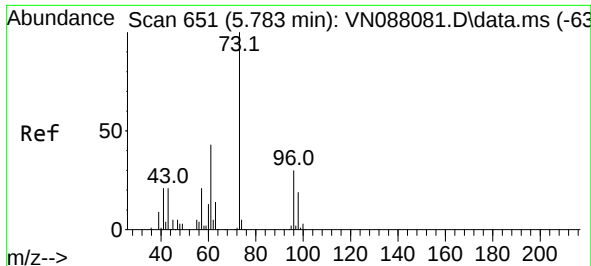


#18
Methyl Acetate
Concen: 23.240 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.012 min
Lab File: VN088142.D
Acq: 28 Oct 2025 16:03



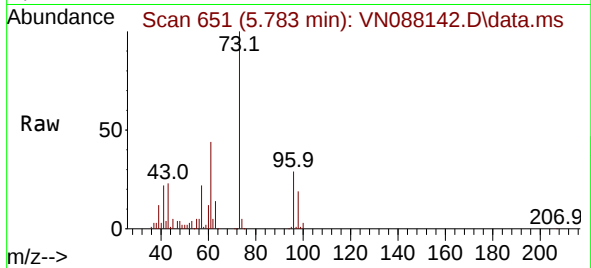
Tgt Ion: 43 Resp: 120173
Ion Ratio Lower Upper
43 100
74 22.5 17.6 26.4





#19
Methyl tert-butyl Ether
Concen: 22.345 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN088142.D
Acq: 28 Oct 2025 16:03

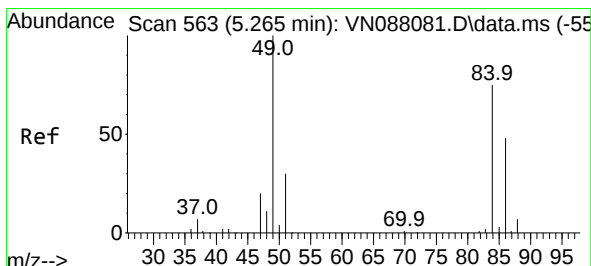
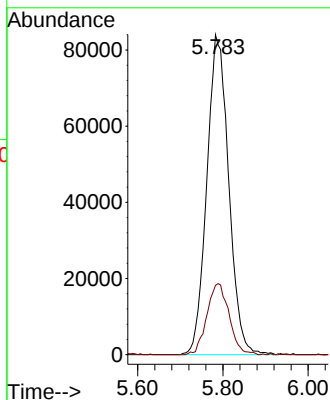
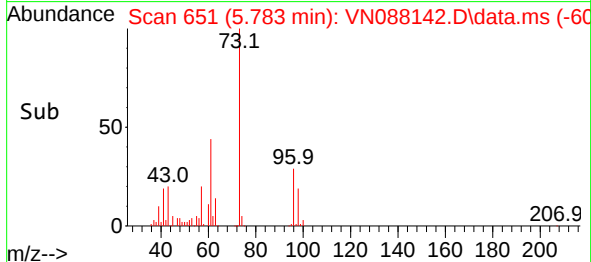
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBSD02



Tgt Ion: 73 Resp: 29987
Ion Ratio Lower Upper
73 100
57 21.6 18.4 27.6

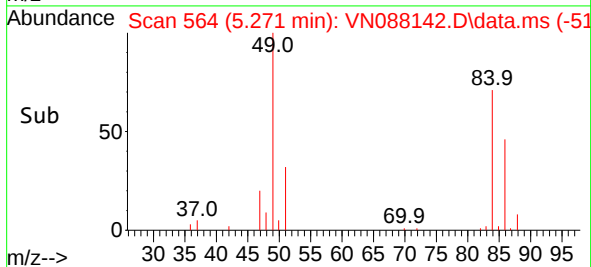
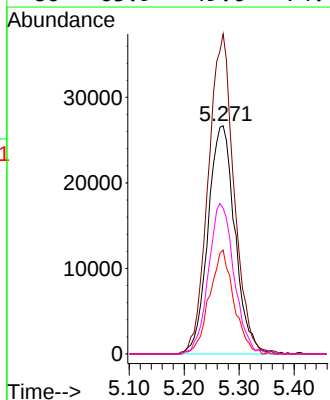
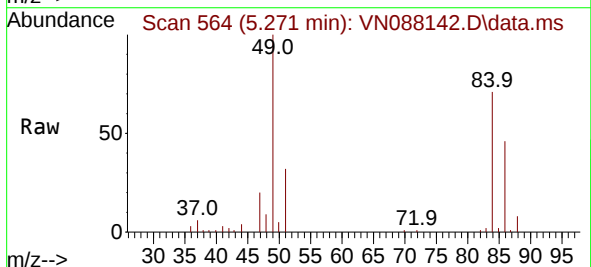
Manual Integrations
APPROVED

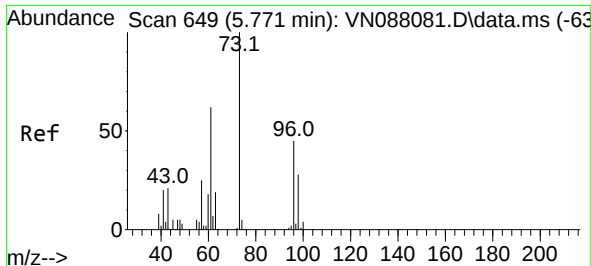
Reviewed By :John Carlone 10/29/2025
Supervised By :Semsettin Yesilyurt 10/29/2025



#20
Methylene Chloride
Concen: 23.464 ug/l
RT: 5.271 min Scan# 564
Delta R.T. 0.006 min
Lab File: VN088142.D
Acq: 28 Oct 2025 16:03

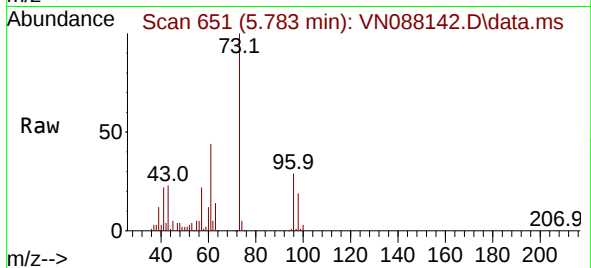
Tgt Ion: 84 Resp: 90606
Ion Ratio Lower Upper
84 100
49 140.2 103.4 155.2
51 45.5 33.8 50.8
86 63.9 49.6 74.4





#21
trans-1,2-Dichloroethene
Concen: 19.779 ug/l
RT: 5.783 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN088142.D
Acq: 28 Oct 2025 16:03

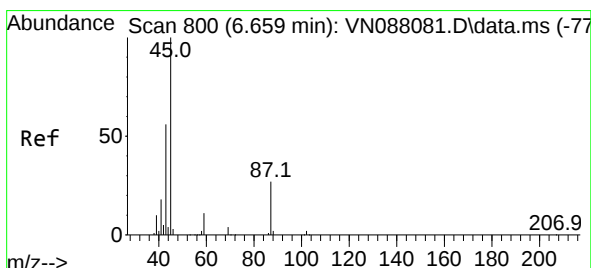
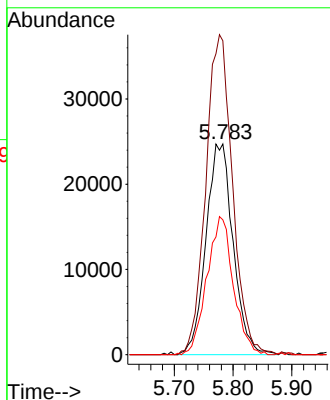
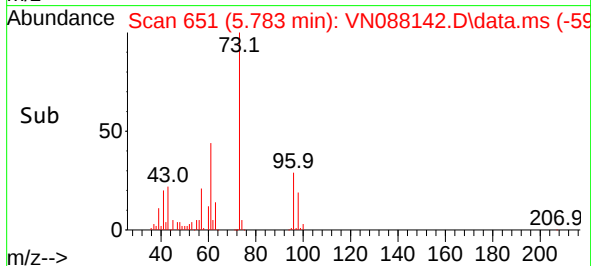
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBSD02



Tgt Ion: 96 Resp: 79339
Ion Ratio Lower Upper
96 100
61 148.9 118.0 177.0
98 63.4 50.0 75.0

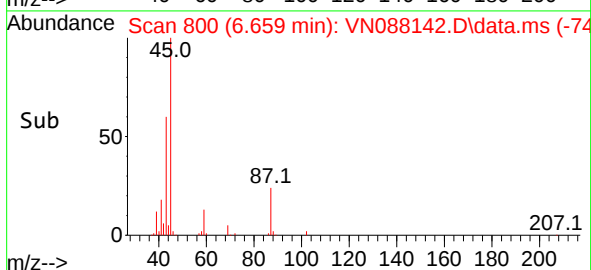
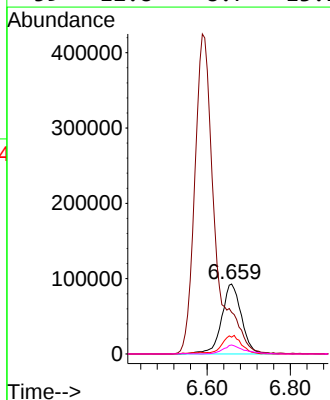
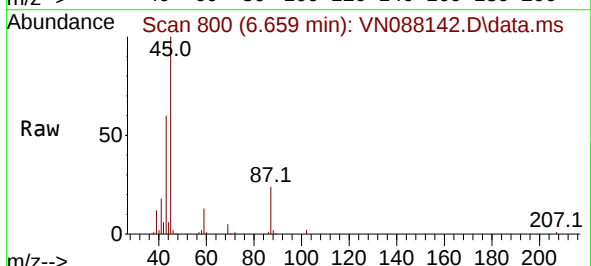
Manual Integrations
APPROVED

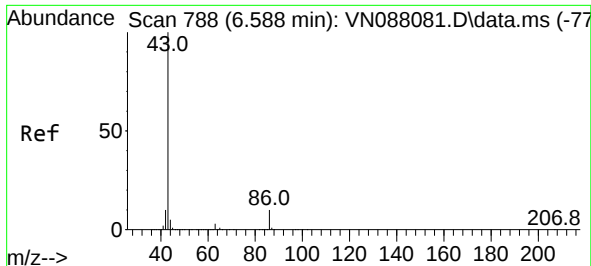
Reviewed By :John Carlone 10/29/2025
Supervised By :Semsettin Yesilyurt 10/29/2025



#22
Diisopropyl ether
Concen: 22.709 ug/l
RT: 6.659 min Scan# 800
Delta R.T. -0.000 min
Lab File: VN088142.D
Acq: 28 Oct 2025 16:03

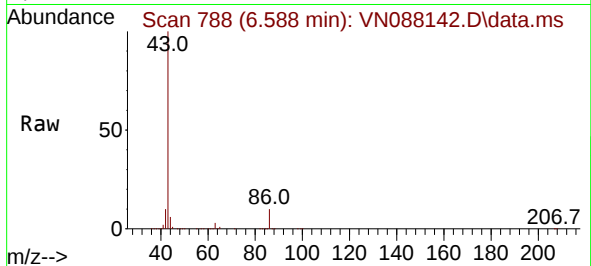
Tgt Ion: 45 Resp: 305905
Ion Ratio Lower Upper
45 100
43 58.5 47.7 71.5
87 24.1 21.4 32.0
59 12.8 8.7 13.1





#23
 Vinyl Acetate
 Concen: 116.296 ug/l
 RT: 6.588 min Scan# 788
 Delta R.T. -0.000 min
 Lab File: VN088142.D
 Acq: 28 Oct 2025 16:03

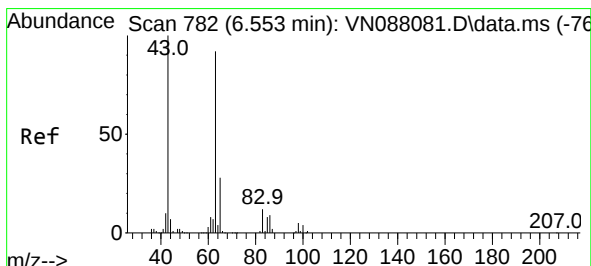
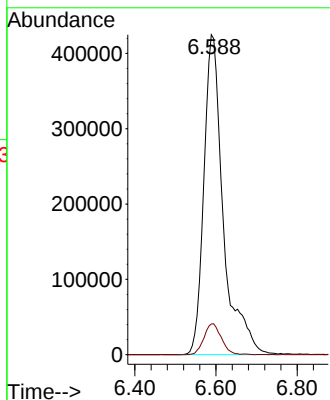
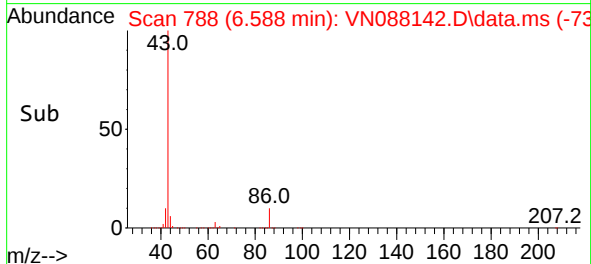
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1028WBSD02



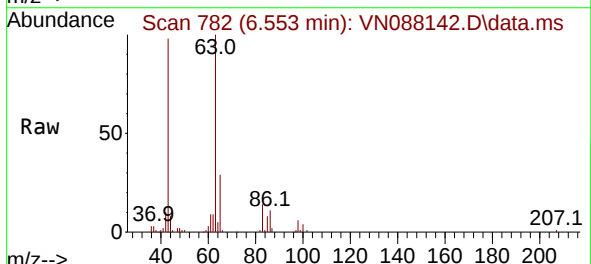
Tgt Ion: 43 Resp: 1411130
 Ion Ratio Lower Upper
 43 100
 86 9.6 8.2 12.4

Manual Integrations
 APPROVED

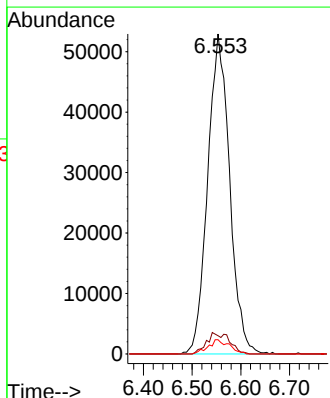
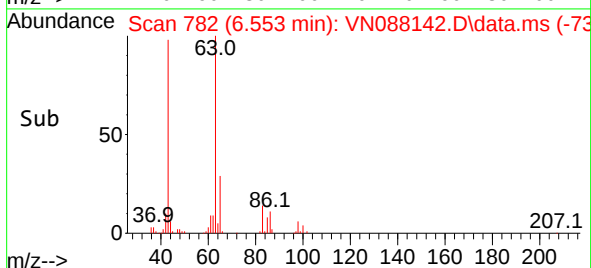
Reviewed By :John Carlone 10/29/2025
 Supervised By :Semsettin Yesilyurt 10/29/2025

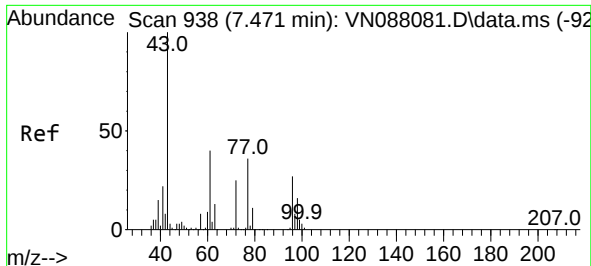


#24
 1,1-Dichloroethane
 Concen: 22.162 ug/l
 RT: 6.553 min Scan# 782
 Delta R.T. 0.006 min
 Lab File: VN088142.D
 Acq: 28 Oct 2025 16:03



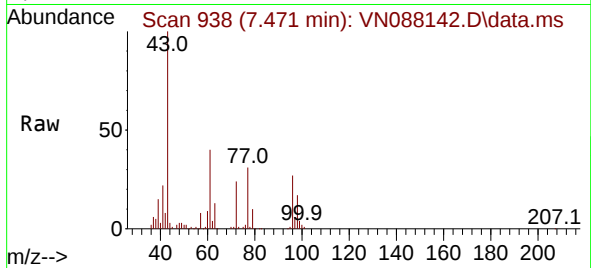
Tgt Ion: 63 Resp: 165369
 Ion Ratio Lower Upper
 63 100
 98 5.7 3.8 11.4
 100 4.4 2.0 6.0





#25
2-Butanone
Concen: 114.076 ug/l
RT: 7.471 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN088142.D
Acq: 28 Oct 2025 16:03

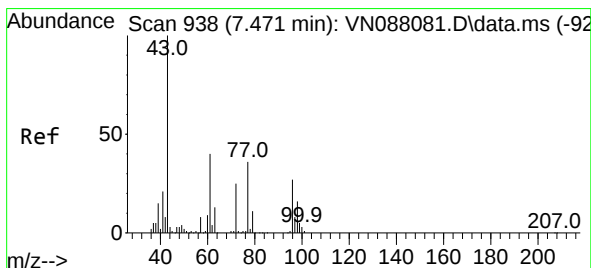
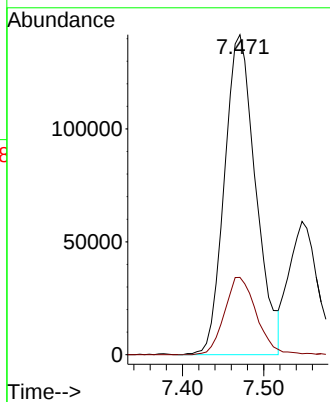
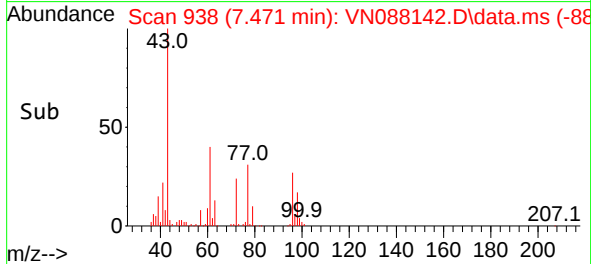
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBSD02



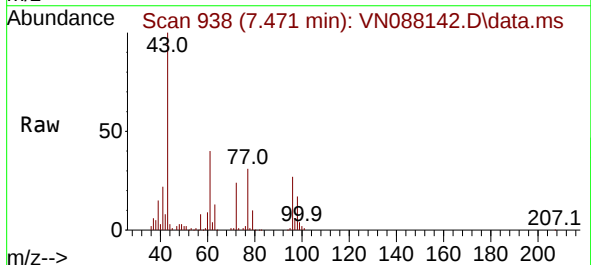
Tgt Ion: 43 Resp: 379714
Ion Ratio Lower Upper
43 100
72 24.2 19.9 29.9

Manual Integrations
APPROVED

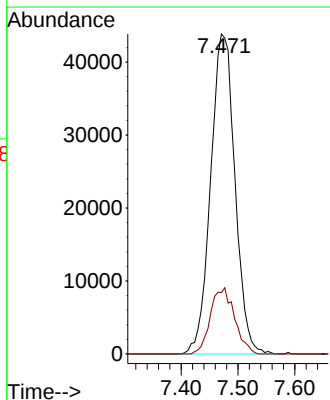
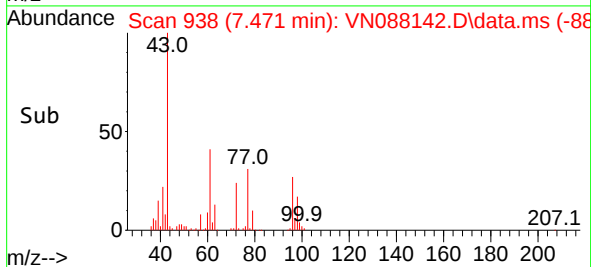
Reviewed By :John Carlone 10/29/2025
Supervised By :Semsettin Yesilyurt 10/29/2025

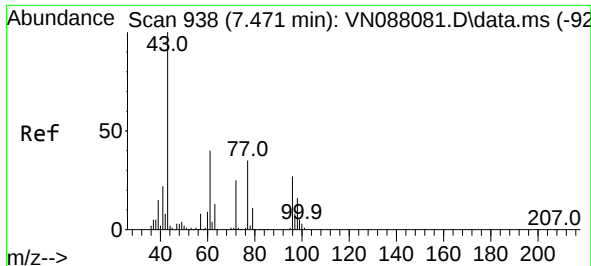


#26
2,2-Dichloropropane
Concen: 19.199 ug/l
RT: 7.471 min Scan# 938
Delta R.T. -0.006 min
Lab File: VN088142.D
Acq: 28 Oct 2025 16:03



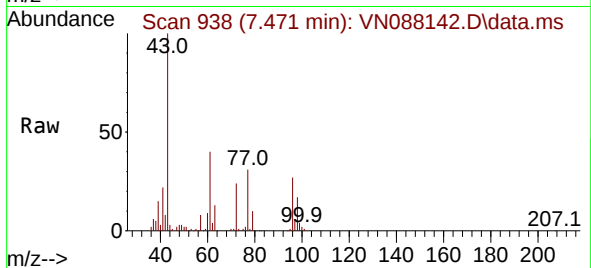
Tgt Ion: 77 Resp: 130190
Ion Ratio Lower Upper
77 100
97 20.5 10.9 32.7





#27
 cis-1,2-Dichloroethene
 Concen: 21.727 ug/l
 RT: 7.471 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VN088142.D
 Acq: 28 Oct 2025 16:03

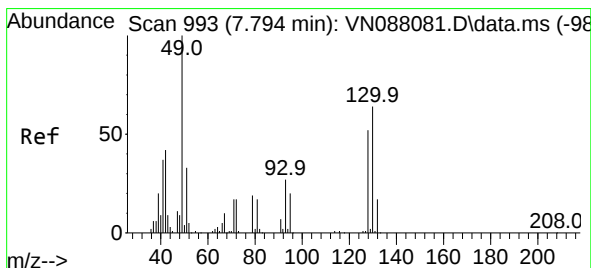
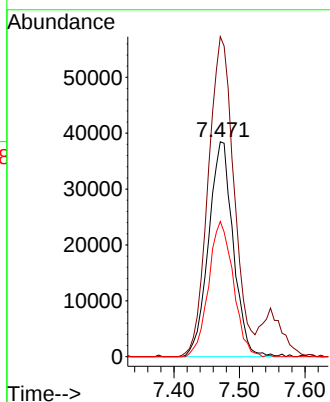
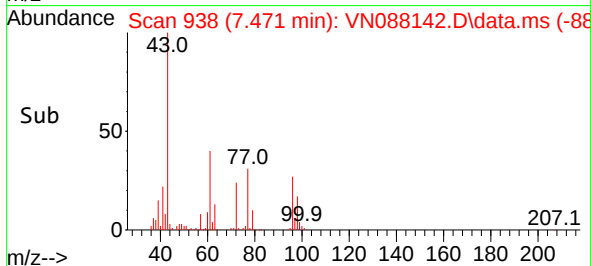
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1028WBSD02



Tgt Ion: 96 Resp: 100328
 Ion Ratio Lower Upper
 96 100
 61 155.9 0.0 301.8
 98 63.2 0.0 126.2

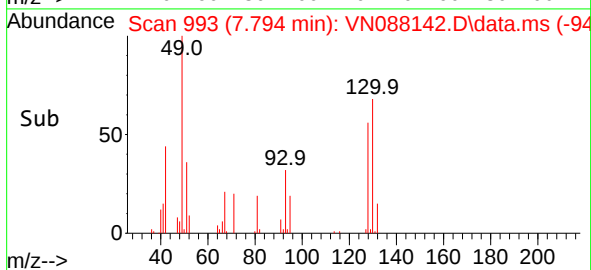
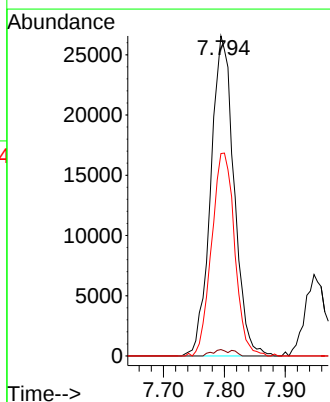
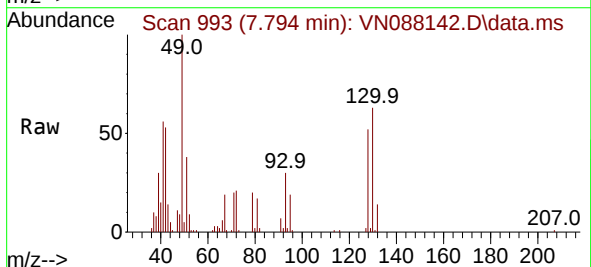
Manual Integrations
 APPROVED

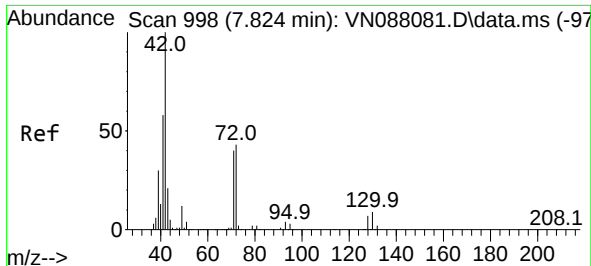
Reviewed By :John Carlone 10/29/2025
 Supervised By :Semsettin Yesilyurt 10/29/2025



#28
 Bromochloromethane
 Concen: 20.101 ug/l
 RT: 7.794 min Scan# 993
 Delta R.T. -0.006 min
 Lab File: VN088142.D
 Acq: 28 Oct 2025 16:03

Tgt Ion: 49 Resp: 70869
 Ion Ratio Lower Upper
 49 100
 129 1.2 0.0 3.0
 130 62.5 53.1 79.7





#29

Tetrahydrofuran

Concen: 111.157 ug/l

RT: 7.824 min Scan# 998

Delta R.T. -0.000 min

Lab File: VN088142.D

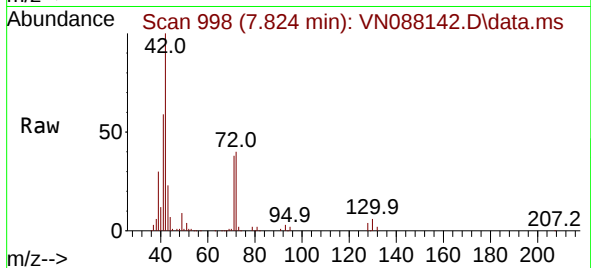
Acq: 28 Oct 2025 16:03

Instrument :

MSVOA_N

ClientSampleId :

VN1028WBSD02



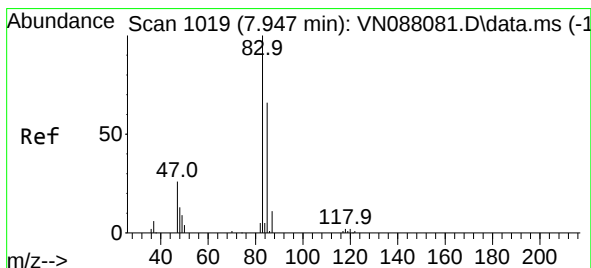
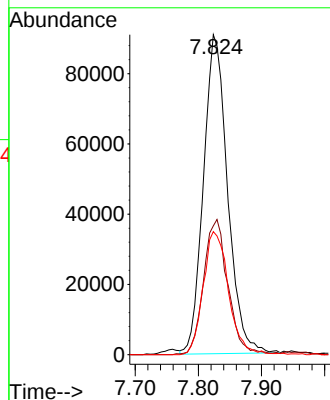
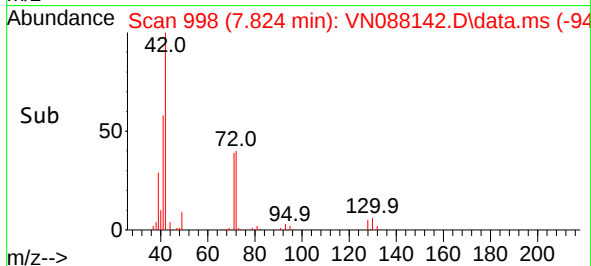
Tgt Ion:	42	Resp:	241129
Ion	Ratio	Lower	Upper
42	100		
72	42.6	33.7	50.5
71	40.5	31.9	47.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/29/2025

Supervised By :Semsettin Yesilyurt 10/29/2025



#30

Chloroform

Concen: 22.637 ug/l

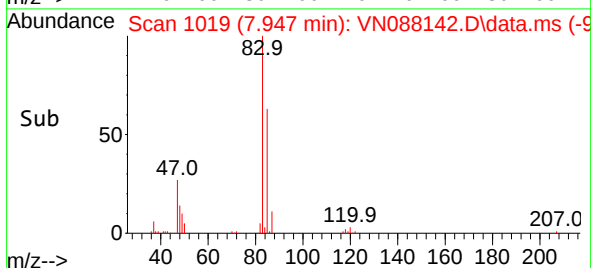
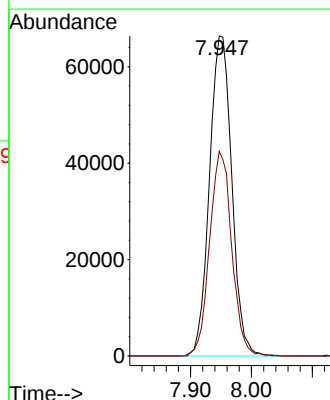
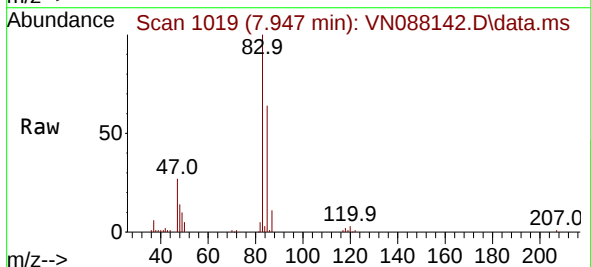
RT: 7.947 min Scan# 1019

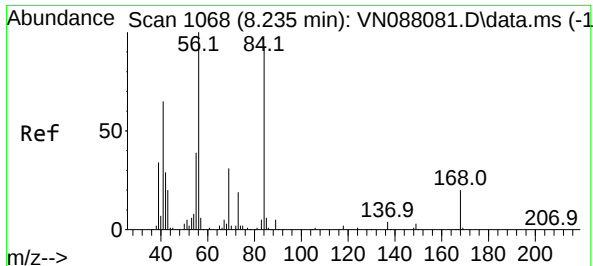
Delta R.T. -0.000 min

Lab File: VN088142.D

Acq: 28 Oct 2025 16:03

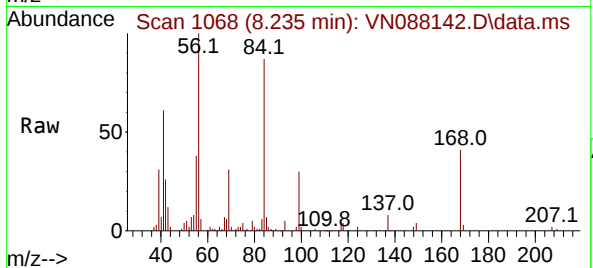
Tgt Ion:	83	Resp:	168745
Ion	Ratio	Lower	Upper
83	100		
85	64.0	50.7	76.1





#31
Cyclohexane
Concen: 19.062 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VN088142.D
Acq: 28 Oct 2025 16:03

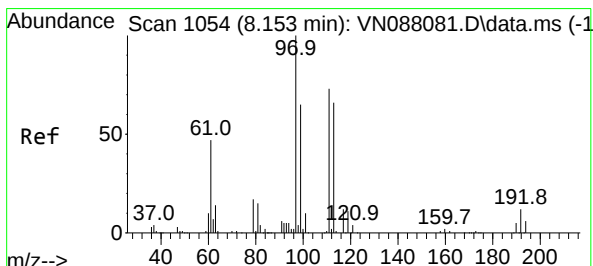
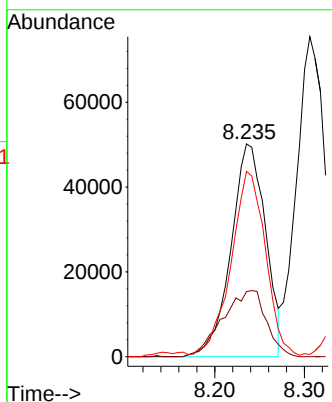
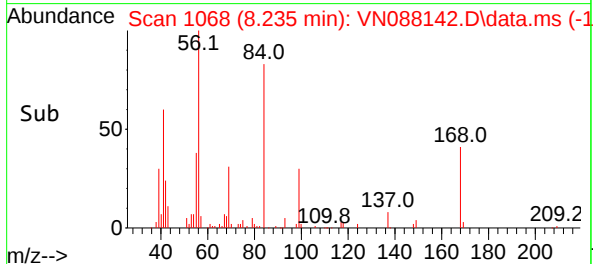
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBSD02



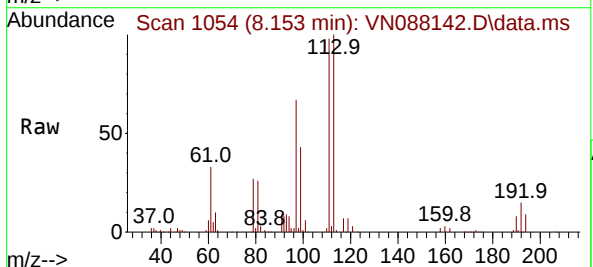
Tgt Ion: 56 Resp: 13415
Ion Ratio Lower Upper
56 100
69 30.6 23.7 35.5
84 85.1 64.7 97.1

Manual Integrations
APPROVED

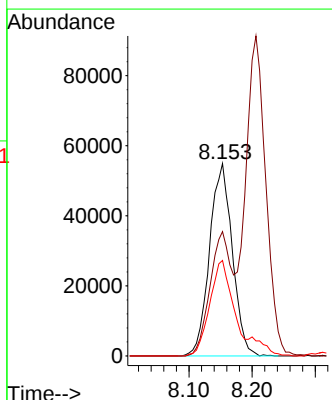
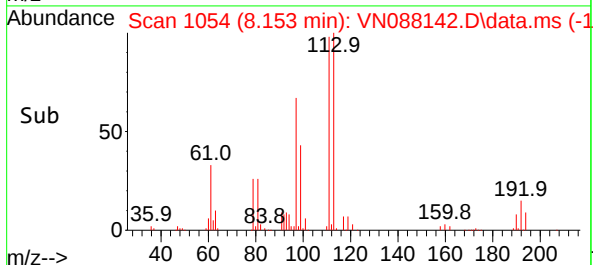
Reviewed By :John Carlone 10/29/2025
Supervised By :Semsettin Yesilyurt 10/29/2025

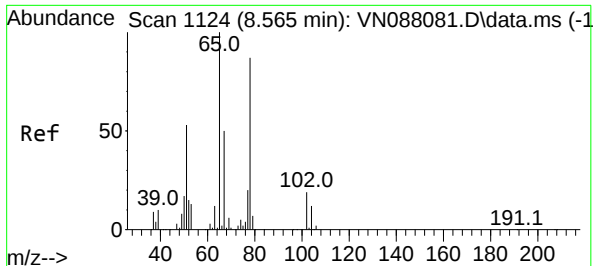


#32
1,1,1-Trichloroethane
Concen: 20.718 ug/l
RT: 8.153 min Scan# 1054
Delta R.T. -0.000 min
Lab File: VN088142.D
Acq: 28 Oct 2025 16:03



Tgt Ion: 97 Resp: 137555
Ion Ratio Lower Upper
97 100
99 60.1 52.2 78.2
61 57.3 41.2 61.8





#33

1,2-Dichloroethane-d4

Concen: 60.013 ug/l

RT: 8.559 min Scan# 1123

Delta R.T. -0.000 min

Lab File: VN088142.D

Acq: 28 Oct 2025 16:03

Instrument :

MSVOA_N

ClientSampleId :

VN1028WBSD02

Tgt Ion: 65 Resp: 30172

Ion Ratio Lower Upper

65 100

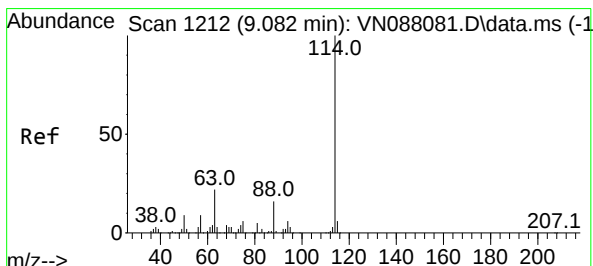
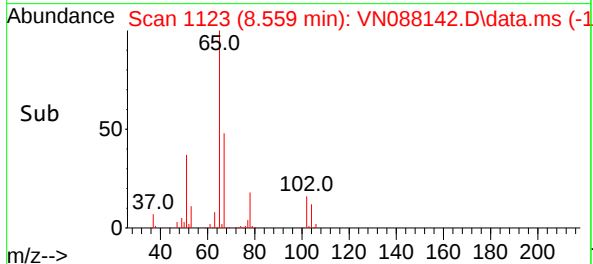
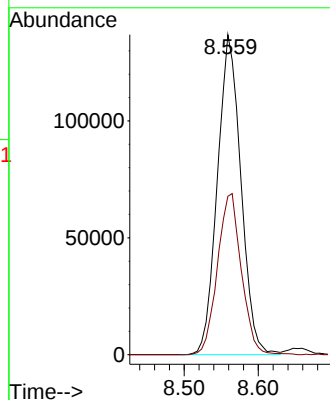
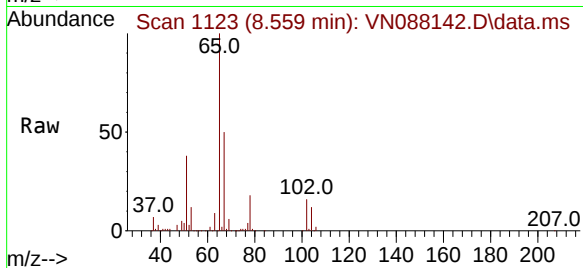
67 51.2 0.0 100.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/29/2025

Supervised By :Semsettin Yesilyurt 10/29/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.082 min Scan# 1212

Delta R.T. -0.000 min

Lab File: VN088142.D

Acq: 28 Oct 2025 16:03

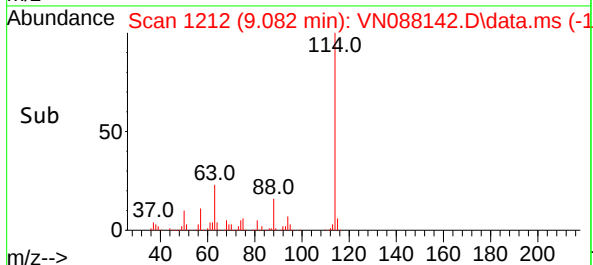
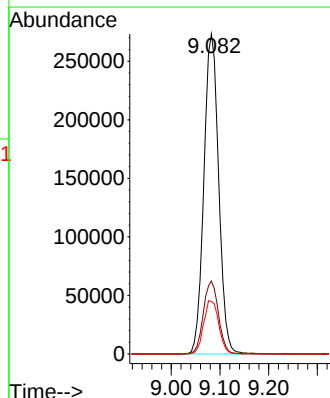
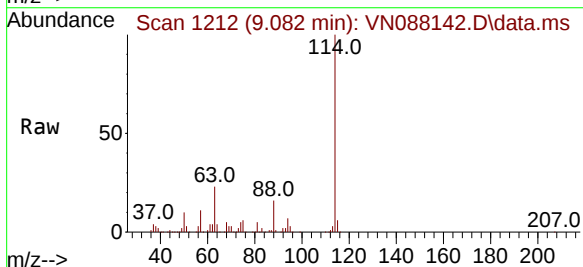
Tgt Ion:114 Resp: 574944

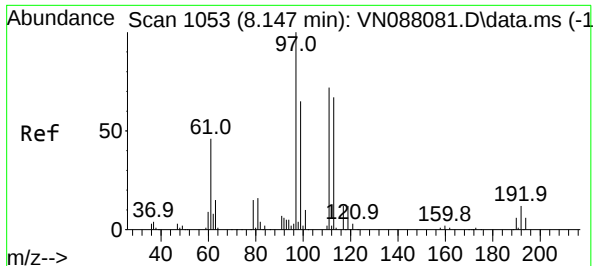
Ion Ratio Lower Upper

114 100

63 22.8 0.0 45.2

88 16.4 0.0 33.4





#35

Dibromofluoromethane

Concen: 51.541 ug/l

RT: 8.153 min Scan# 1054

Delta R.T. -0.000 min

Lab File: VN088142.D

Acq: 28 Oct 2025 16:03

Instrument :

MSVOA_N

ClientSampleId :

VN1028WBSD02

Tgt Ion: 113 Resp: 19907

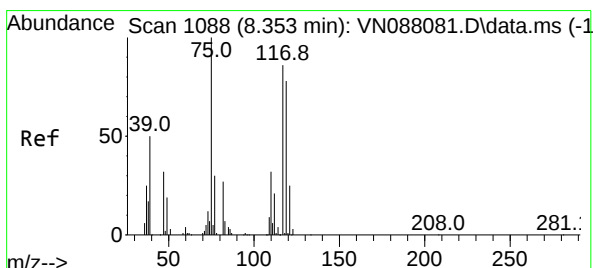
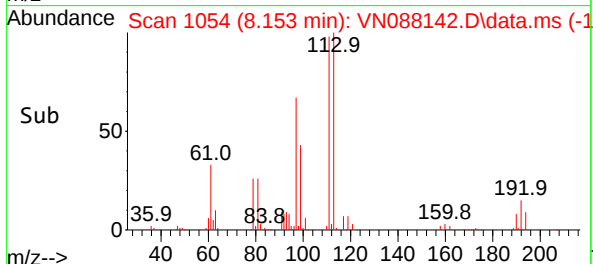
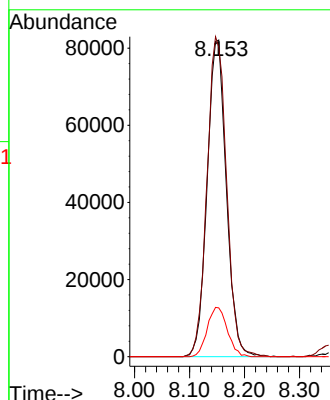
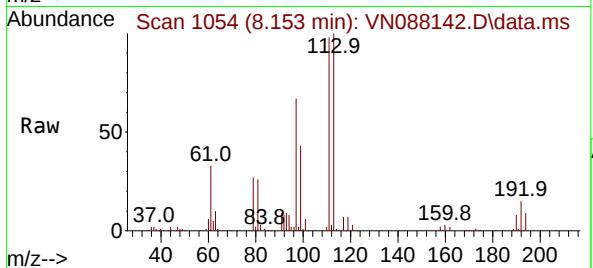
Ion	Ratio	Lower	Upper
113	100		
111	103.2	82.8	124.2
192	16.3	12.8	19.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/29/2025

Supervised By :Semsettin Yesilyurt 10/29/2025



#36

1,1-Dichloropropene

Concen: 19.628 ug/l

RT: 8.353 min Scan# 1088

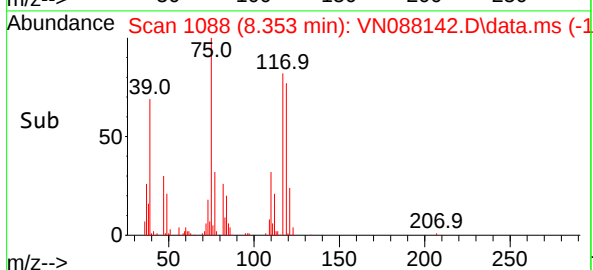
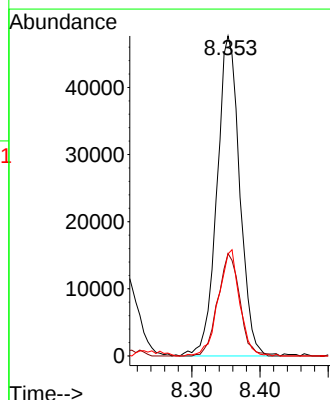
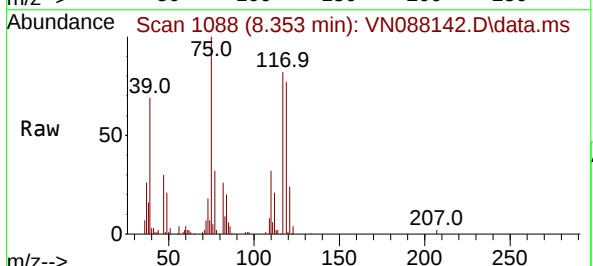
Delta R.T. -0.000 min

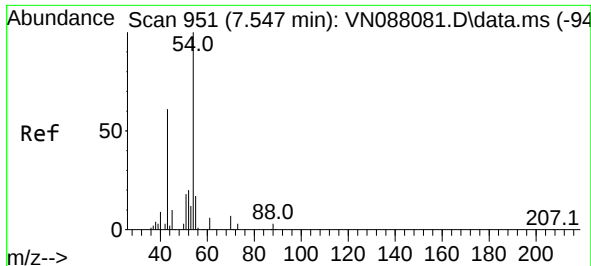
Lab File: VN088142.D

Acq: 28 Oct 2025 16:03

Tgt Ion: 75 Resp: 110693

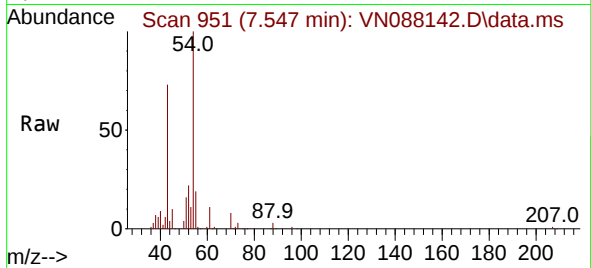
Ion	Ratio	Lower	Upper
75	100		
110	30.8	15.9	47.6
77	31.0	24.4	36.6





#37
Ethyl Acetate
Concen: 20.517 ug/l
RT: 7.547 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN088142.D
Acq: 28 Oct 2025 16:03

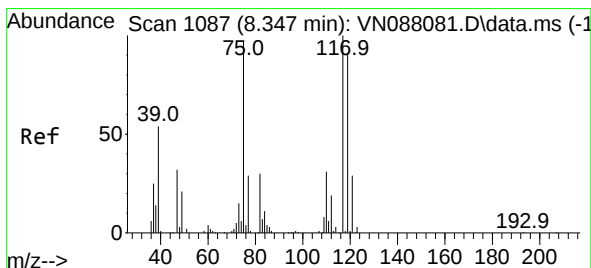
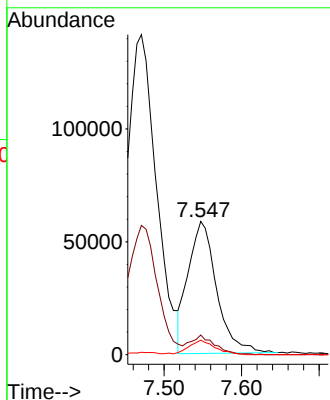
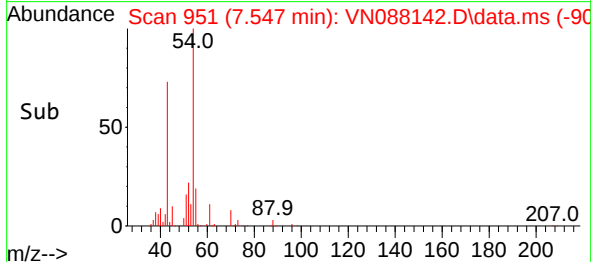
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBSD02



Tgt Ion: 43 Resp: 149318
Ion Ratio Lower Upper
43 100
61 12.8 9.3 13.9
70 10.2 7.0 10.6

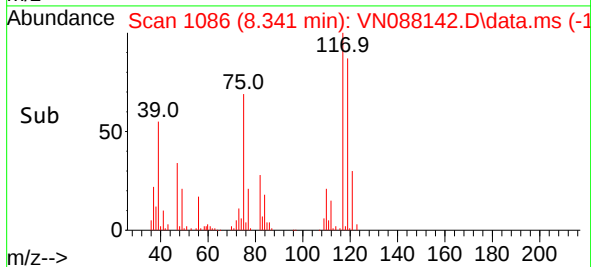
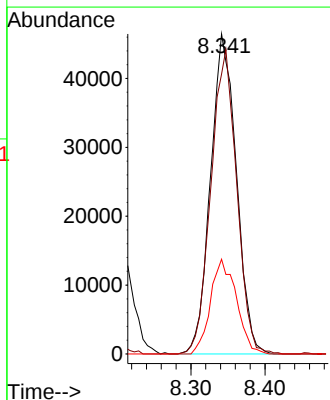
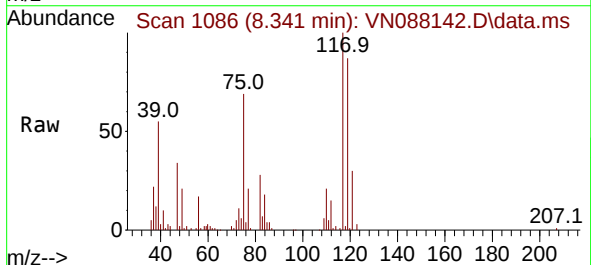
Manual Integrations
APPROVED

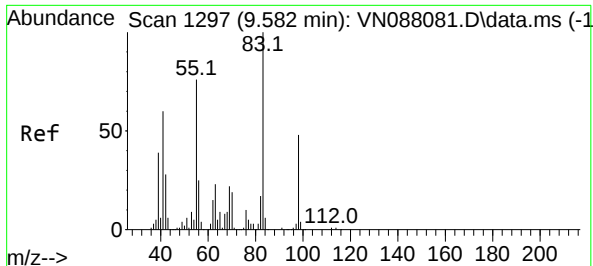
Reviewed By :John Carlone 10/29/2025
Supervised By :Semsettin Yesilyurt 10/29/2025



#38
Carbon Tetrachloride
Concen: 19.290 ug/l
RT: 8.341 min Scan# 1086
Delta R.T. -0.000 min
Lab File: VN088142.D
Acq: 28 Oct 2025 16:03

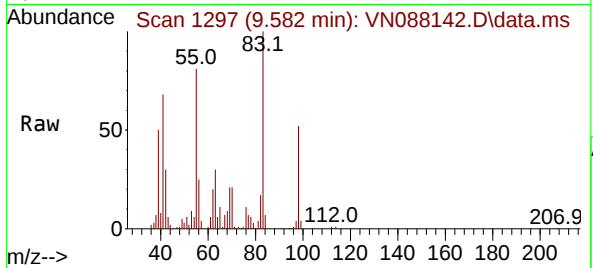
Tgt Ion:117 Resp: 112363
Ion Ratio Lower Upper
117 100
119 87.4 79.0 118.6
121 29.6 25.0 37.6





#39
Methylcyclohexane
Concen: 17.147 ug/l
RT: 9.582 min Scan# 1297
Delta R.T. -0.000 min
Lab File: VN088142.D
Acq: 28 Oct 2025 16:03

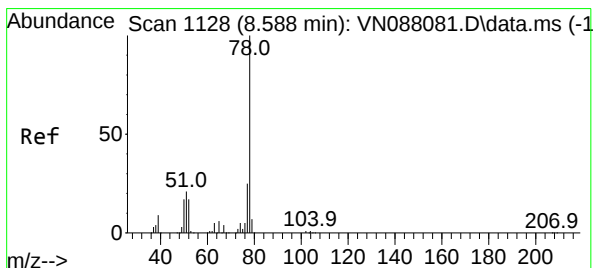
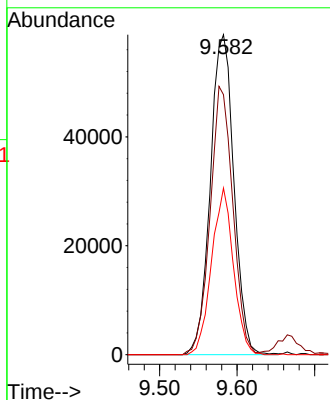
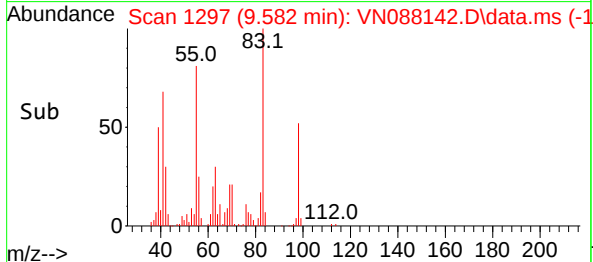
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBSD02



Tgt Ion: 83 Resp: 124298
Ion Ratio Lower Upper
83 100
55 81.3 64.6 96.8
98 52.1 38.4 57.6

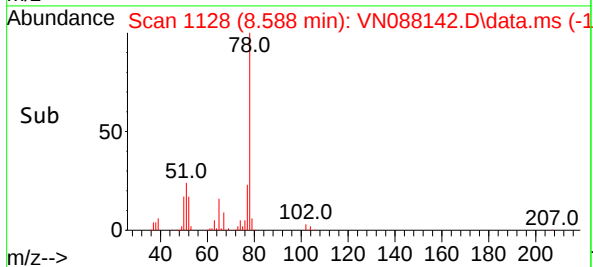
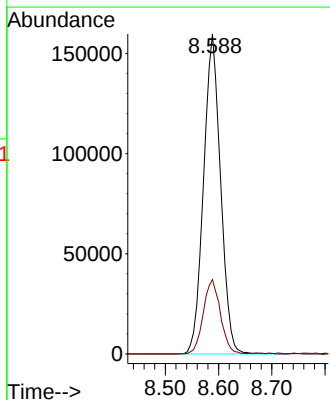
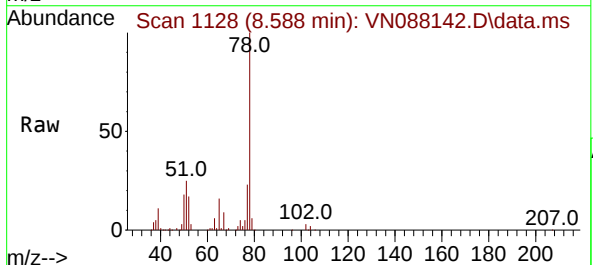
Manual Integrations
APPROVED

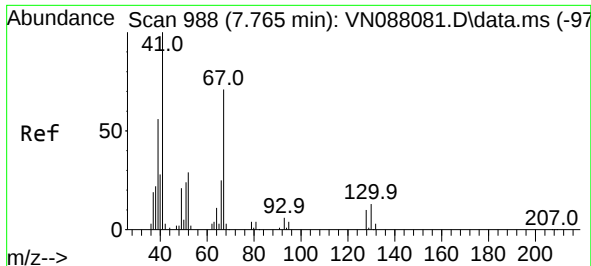
Reviewed By :John Carlone 10/29/2025
Supervised By :Semsettin Yesilyurt 10/29/2025



#40
Benzene
Concen: 20.635 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VN088142.D
Acq: 28 Oct 2025 16:03

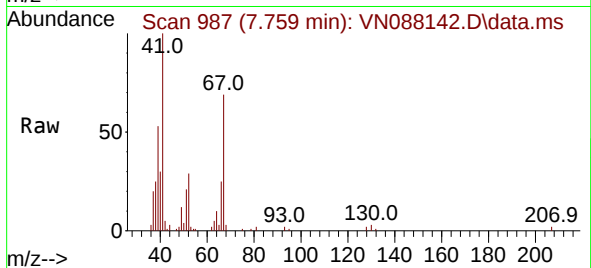
Tgt Ion: 78 Resp: 354412
Ion Ratio Lower Upper
78 100
77 23.3 19.7 29.5





#41
Methacrylonitrile
Concen: 20.173 ug/l
RT: 7.759 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN088142.D
Acq: 28 Oct 2025 16:03

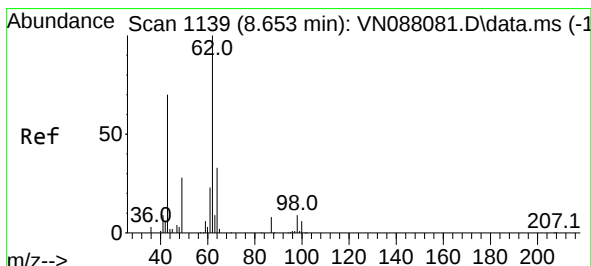
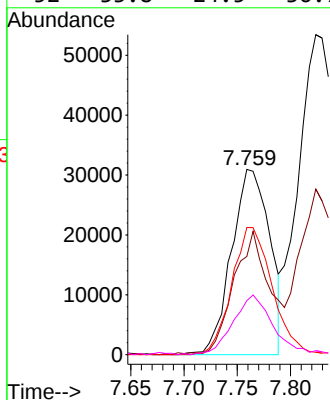
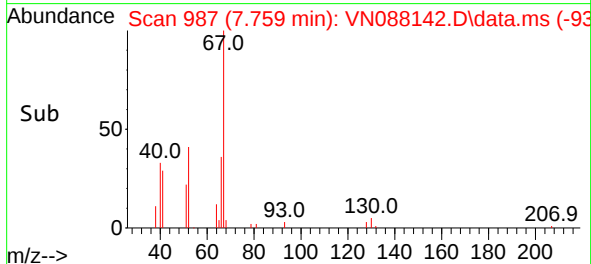
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBSD02



Tgt Ion: 41 Resp: 7727
Ion Ratio Lower Upper
41 100
39 63.7 45.4 68.0
67 72.7 55.3 82.9
52 33.8 24.5 36.7

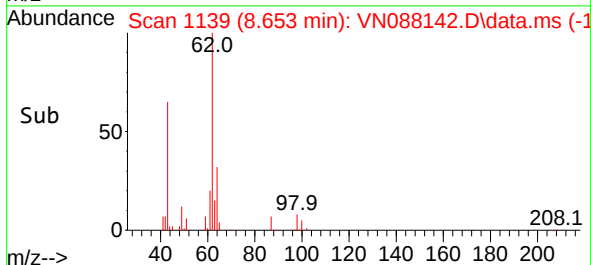
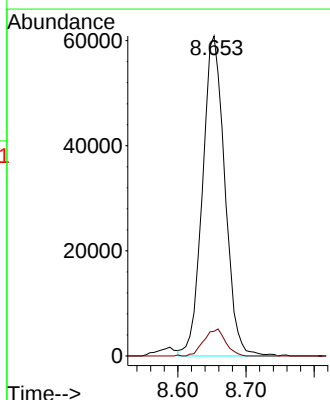
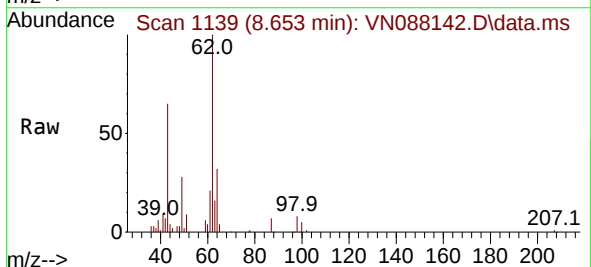
Manual Integrations
APPROVED

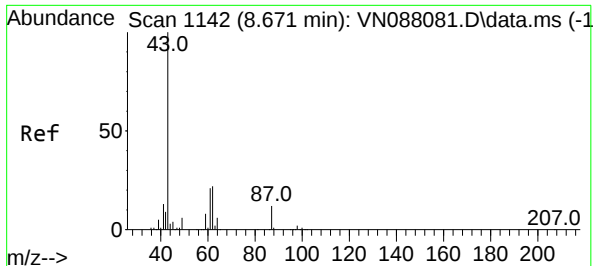
Reviewed By :John Carlone 10/29/2025
Supervised By :Semsettin Yesilyurt 10/29/2025



#42
1,2-Dichloroethane
Concen: 22.729 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. -0.000 min
Lab File: VN088142.D
Acq: 28 Oct 2025 16:03

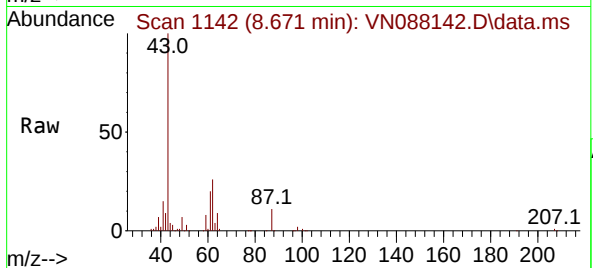
Tgt Ion: 62 Resp: 138708
Ion Ratio Lower Upper
62 100
98 8.1 0.0 17.4





#43
Isopropyl Acetate
Concen: 22.012 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN088142.D
Acq: 28 Oct 2025 16:03

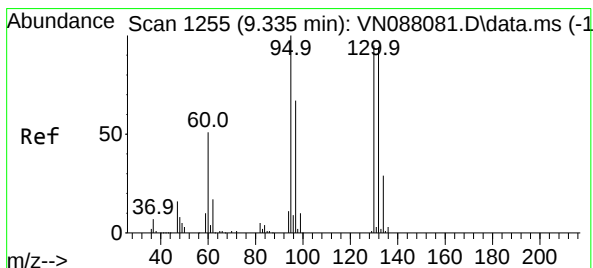
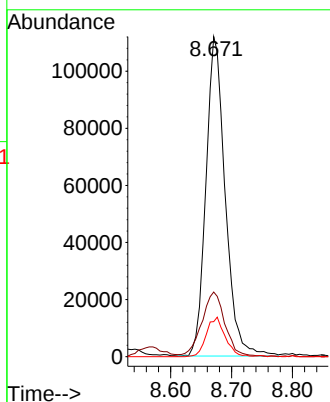
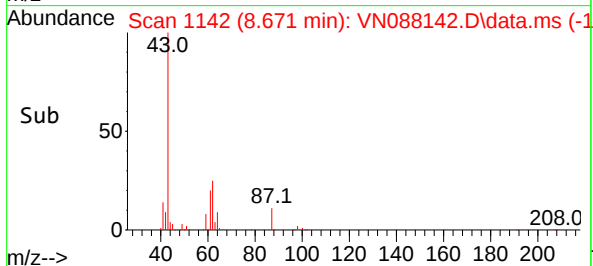
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBSD02



Tgt Ion: 43 Resp: 246164
Ion Ratio Lower Upper
43 100
61 24.6 18.8 28.2
87 12.0 9.6 14.4

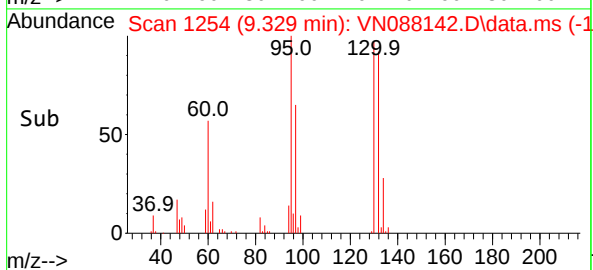
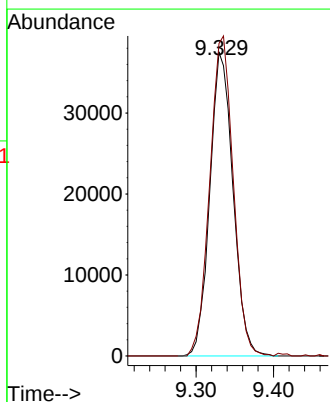
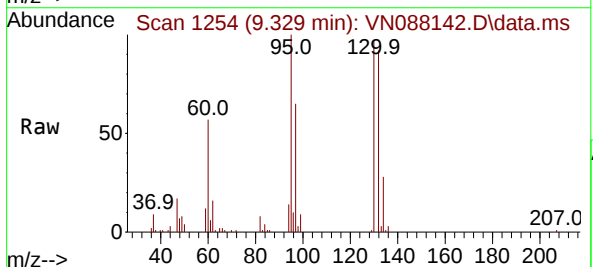
Manual Integrations
APPROVED

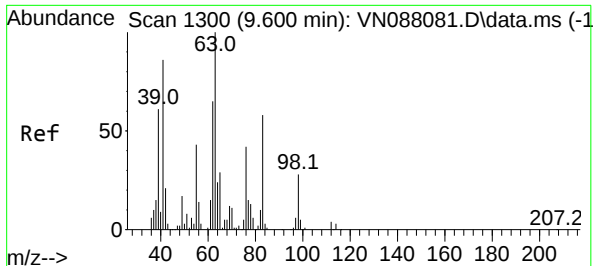
Reviewed By :John Carlone 10/29/2025
Supervised By :Semsettin Yesilyurt 10/29/2025



#44
Trichloroethene
Concen: 19.400 ug/l
RT: 9.329 min Scan# 1254
Delta R.T. -0.000 min
Lab File: VN088142.D
Acq: 28 Oct 2025 16:03

Tgt Ion:130 Resp: 77884
Ion Ratio Lower Upper
130 100
95 102.9 0.0 212.0





#45

1,2-Dichloropropane

Concen: 21.064 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. -0.000 min

Lab File: VN088142.D

Acq: 28 Oct 2025 16:03

Instrument :

MSVOA_N

ClientSampleId :

VN1028WBSD02

Tgt Ion: 63 Resp: 9133

Ion Ratio Lower Upper

63 100

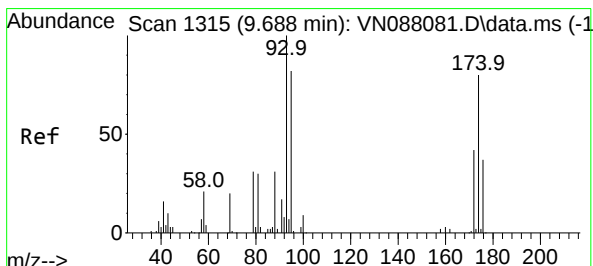
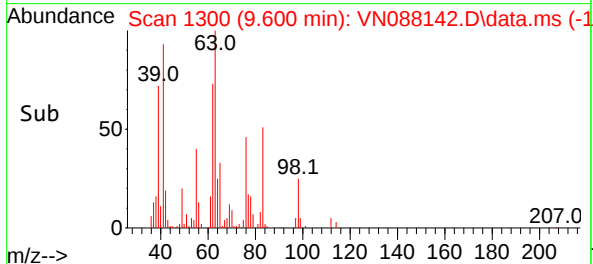
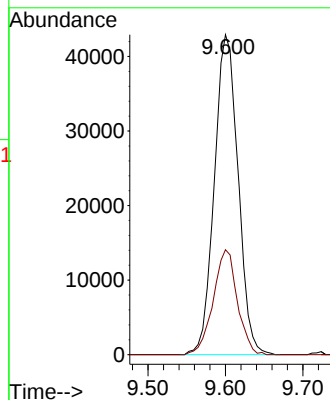
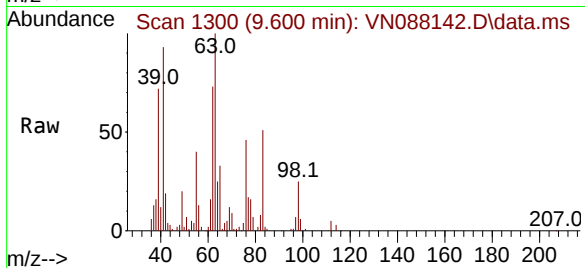
65 32.8 25.0 37.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/29/2025

Supervised By :Semsettin Yesilyurt 10/29/2025



#46

Dibromomethane

Concen: 21.734 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. -0.000 min

Lab File: VN088142.D

Acq: 28 Oct 2025 16:03

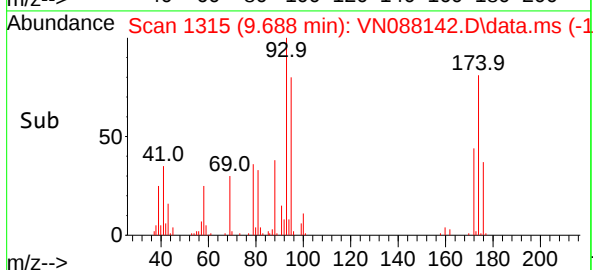
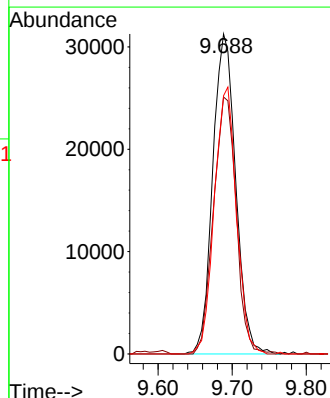
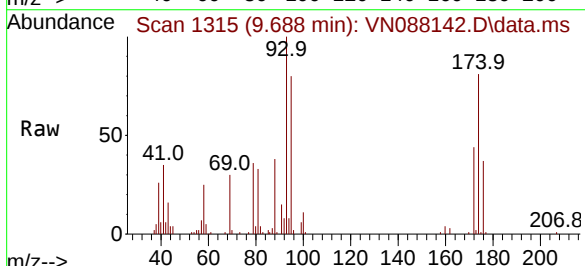
Tgt Ion: 93 Resp: 67213

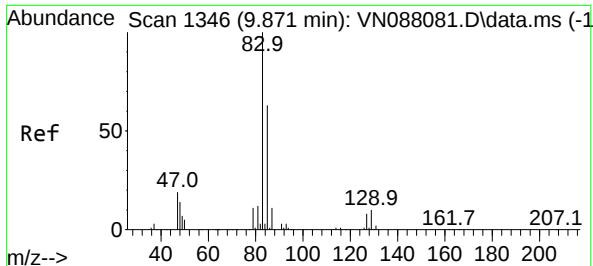
Ion Ratio Lower Upper

93 100

95 79.2 66.2 99.4

174 80.4 63.4 95.2





#47

Bromodichloromethane

Concen: 21.227 ug/l

RT: 9.871 min Scan# 1346

Delta R.T. -0.000 min

Lab File: VN088142.D

Acq: 28 Oct 2025 16:03

Instrument :

MSVOA_N

ClientSampleId :

VN1028WBSD02

Tgt Ion: 83 Resp: 131428

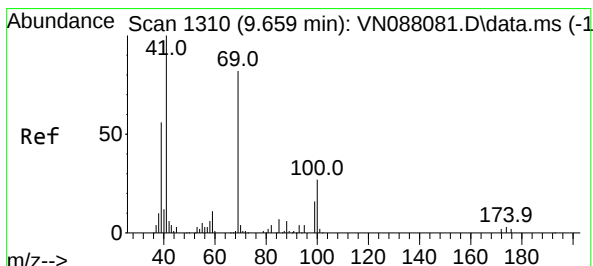
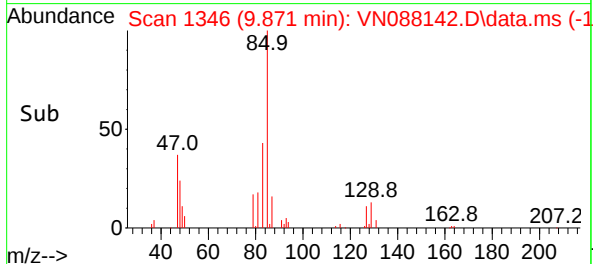
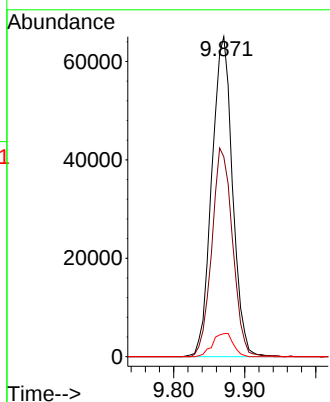
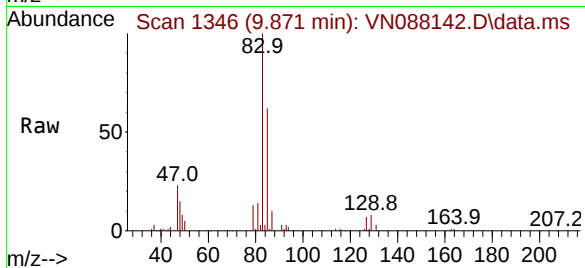
Ion	Ratio	Lower	Upper
83	100		
85	62.5	52.5	78.7
127	7.2	5.8	8.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/29/2025

Supervised By :Semsettin Yesilyurt 10/29/2025



#48

Methyl methacrylate

Concen: 22.423 ug/l

RT: 9.665 min Scan# 1311

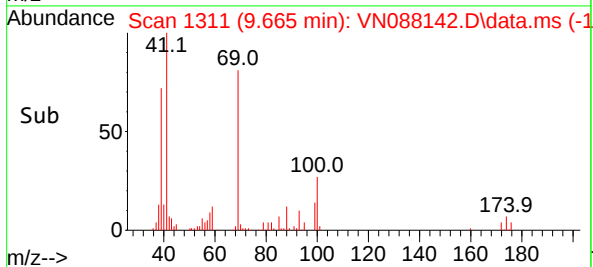
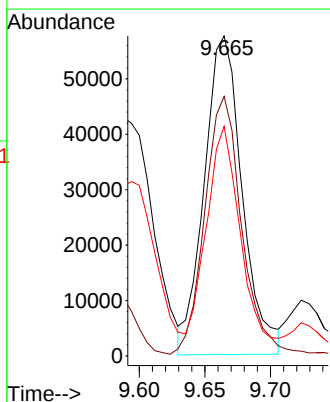
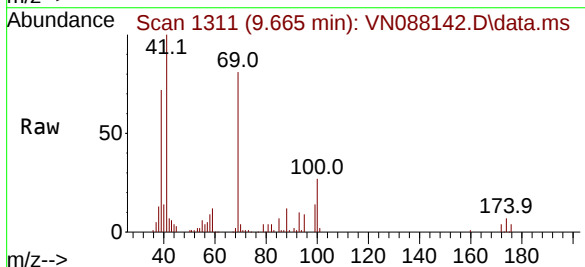
Delta R.T. -0.000 min

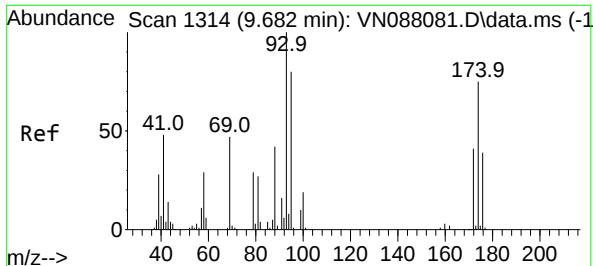
Lab File: VN088142.D

Acq: 28 Oct 2025 16:03

Tgt Ion: 41 Resp: 115776

Ion	Ratio	Lower	Upper
41	100		
69	79.5	62.7	94.1
39	65.8	52.9	79.3





#49

1,4-Dioxane

Concen: 488.224 ug/l

RT: 9.676 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN088142.D

Acq: 28 Oct 2025 16:03

Instrument :

MSVOA_N

ClientSampleId :

VN1028WBSD02

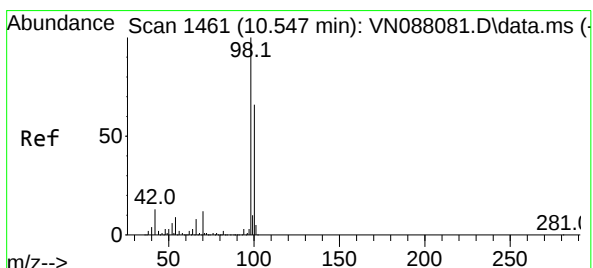
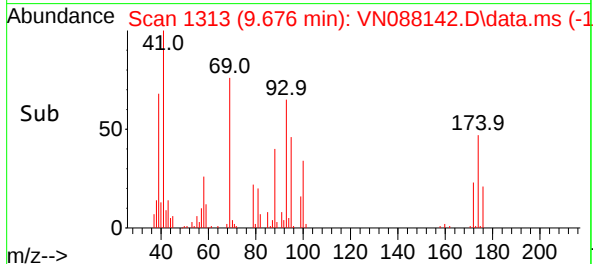
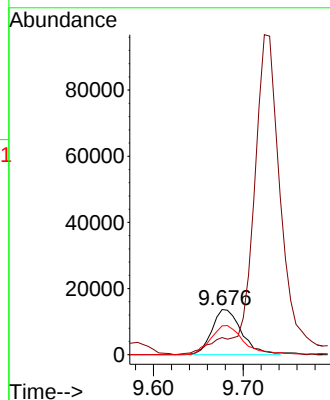
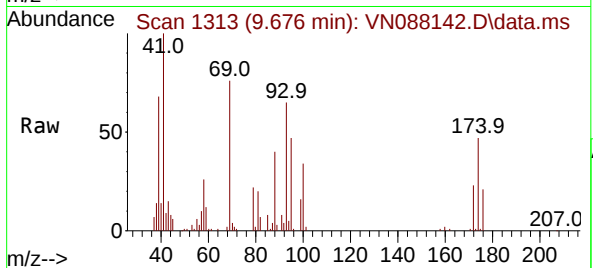
Tgt Ion: 88 Resp: 31352
 Ion Ratio Lower Upper
 88 100
 43 0.0 0.0 0.0
 58 72.3 57.9 86.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/29/2025

Supervised By :Semsettin Yesilyurt 10/29/2025



#50

Toluene-d8

Concen: 49.937 ug/l

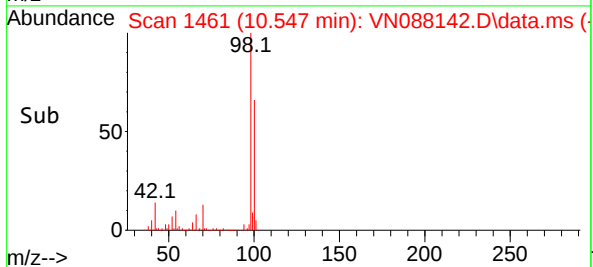
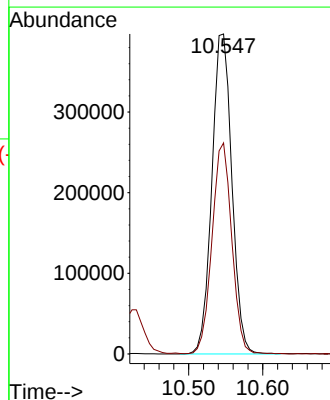
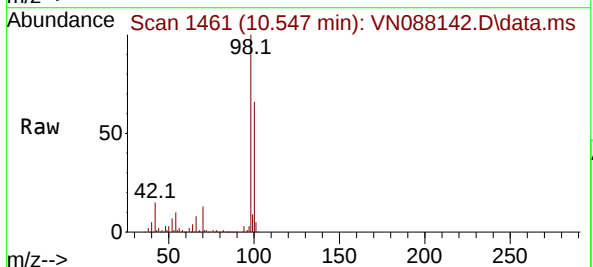
RT: 10.547 min Scan# 1461

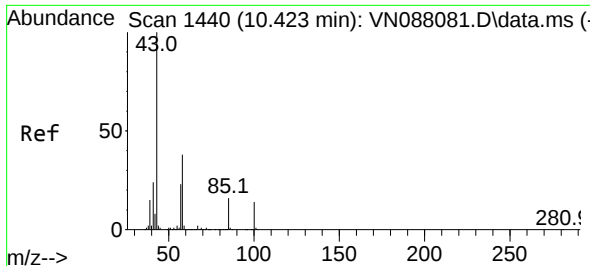
Delta R.T. -0.000 min

Lab File: VN088142.D

Acq: 28 Oct 2025 16:03

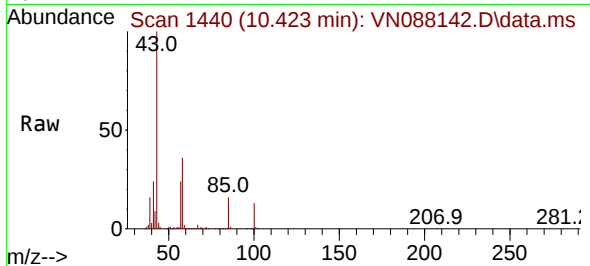
Tgt Ion: 98 Resp: 743214
 Ion Ratio Lower Upper
 98 100
 100 65.2 52.8 79.2





#51
4-Methyl-2-Pentanone
Concen: 114.700 ug/l
RT: 10.423 min Scan# 1440
Delta R.T. -0.000 min
Lab File: VN088142.D
Acq: 28 Oct 2025 16:03

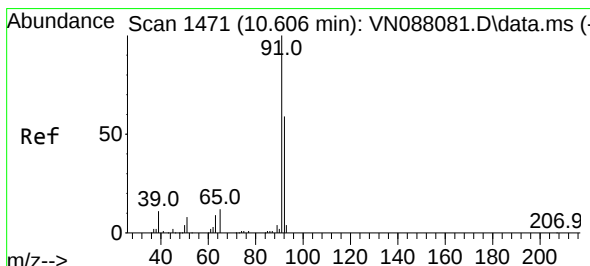
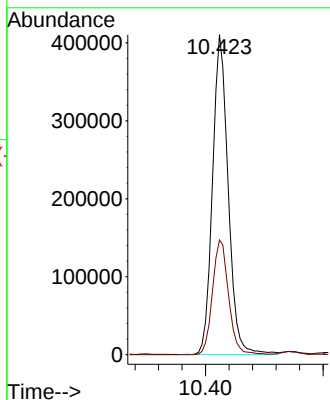
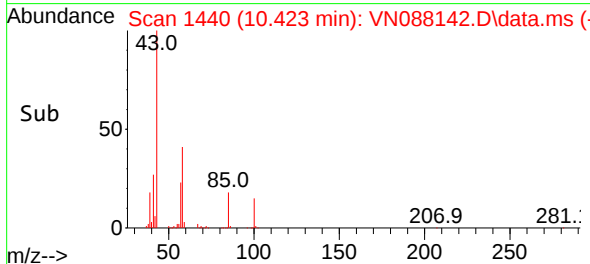
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBSD02



Tgt Ion: 43 Resp: 758849
Ion Ratio Lower Upper
43 100
58 36.8 29.6 44.4

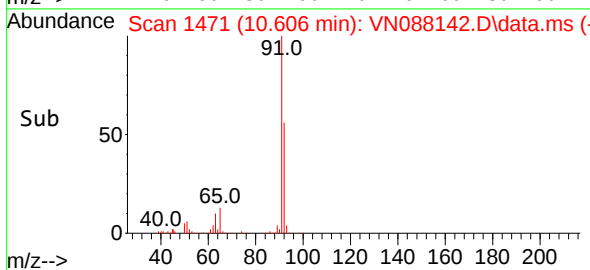
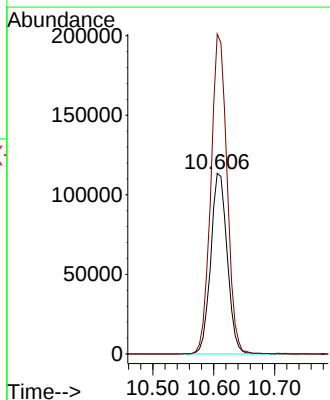
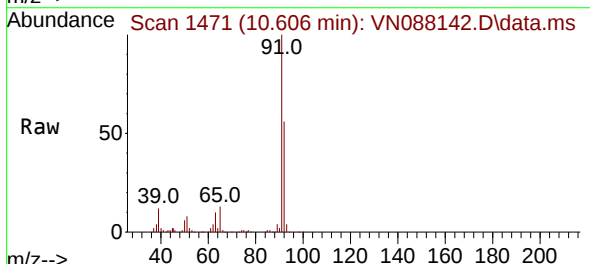
Manual Integrations
APPROVED

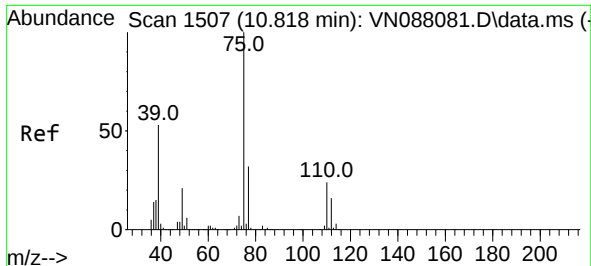
Reviewed By :John Carlone 10/29/2025
Supervised By :Semsettin Yesilyurt 10/29/2025



#52
Toluene
Concen: 20.139 ug/l
RT: 10.606 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VN088142.D
Acq: 28 Oct 2025 16:03

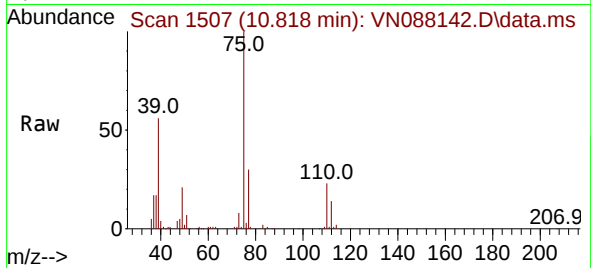
Tgt Ion: 92 Resp: 213258
Ion Ratio Lower Upper
92 100
91 174.1 140.4 210.6





#53
t-1,3-Dichloropropene
Concen: 20.580 ug/l
RT: 10.818 min Scan# 1507
Delta R.T. -0.000 min
Lab File: VN088142.D
Acq: 28 Oct 2025 16:03

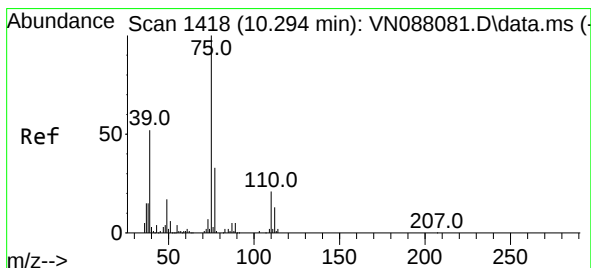
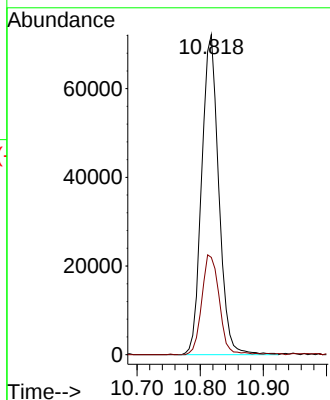
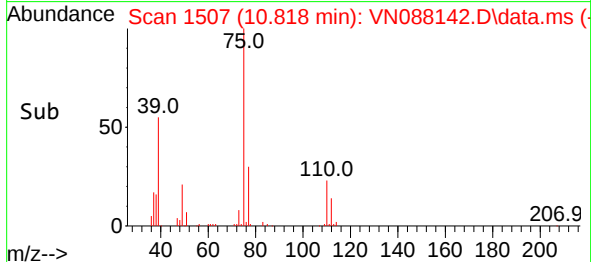
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBSD02



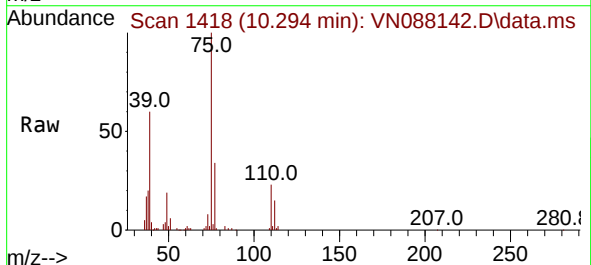
Tgt Ion: 75 Resp: 13562
Ion Ratio Lower Upper
75 100
77 30.4 25.2 37.8

Manual Integrations
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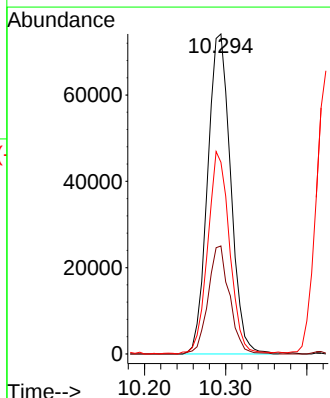
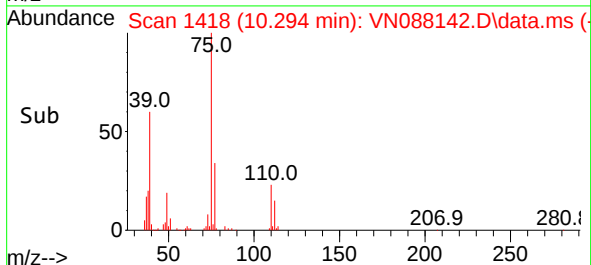
Reviewed By :John Carlone 10/29/2025
Supervised By :Semsettin Yesilyurt 10/29/2025

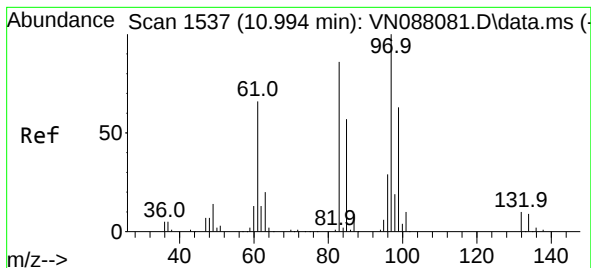


#54
cis-1,3-Dichloropropene
Concen: 20.887 ug/l
RT: 10.294 min Scan# 1418
Delta R.T. 0.006 min
Lab File: VN088142.D
Acq: 28 Oct 2025 16:03



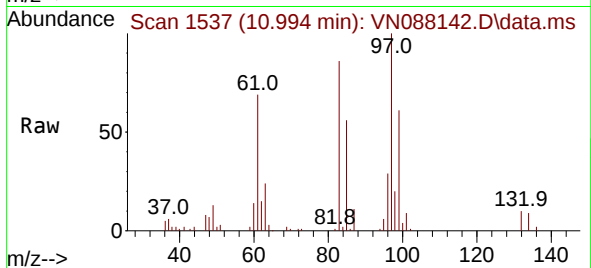
Tgt Ion: 75 Resp: 146055
Ion Ratio Lower Upper
75 100
77 33.7 24.6 37.0
39 59.9 45.2 67.8





#55
1,1,2-Trichloroethane
Concen: 20.396 ug/l
RT: 10.994 min Scan# 1537
Delta R.T. -0.000 min
Lab File: VN088142.D
Acq: 28 Oct 2025 16:03

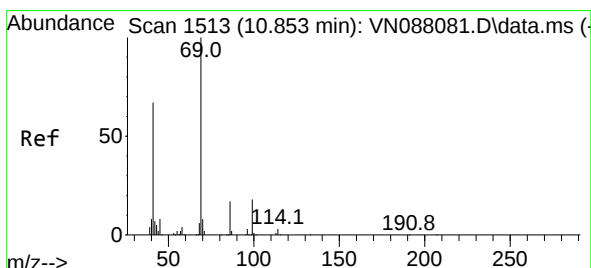
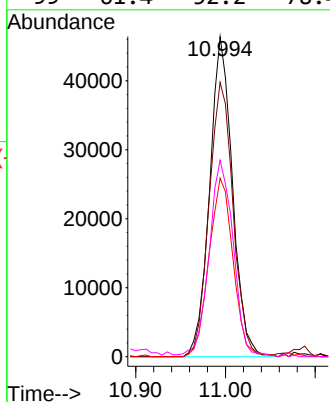
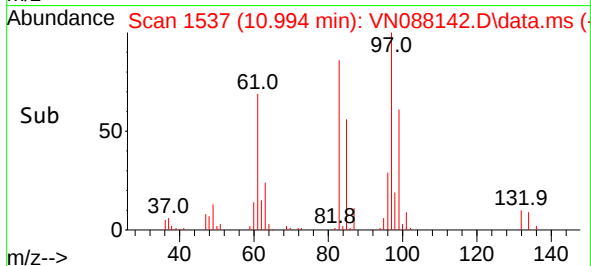
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBSD02



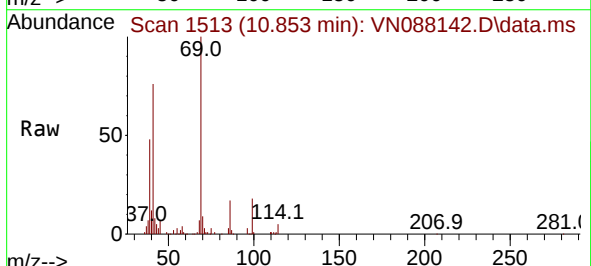
Tgt Ion:	97	Resp:	81940
Ion	Ratio	Lower	Upper
97	100		
83	85.7	68.2	102.4
85	55.7	45.5	68.3
99	61.4	52.2	78.4

Manual Integrations
APPROVED

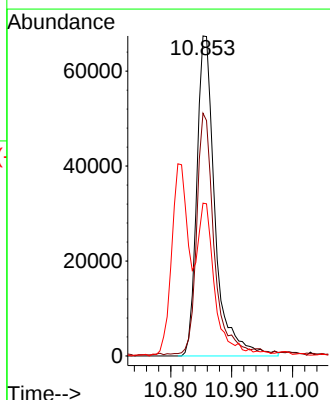
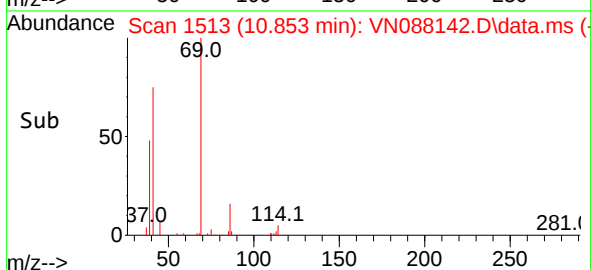
Reviewed By :John Carlone 10/29/2025
Supervised By :Semsettin Yesilyurt 10/29/2025

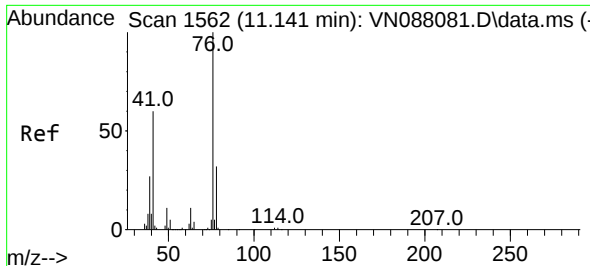


#56
Ethyl methacrylate
Concen: 22.114 ug/l
RT: 10.853 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VN088142.D
Acq: 28 Oct 2025 16:03



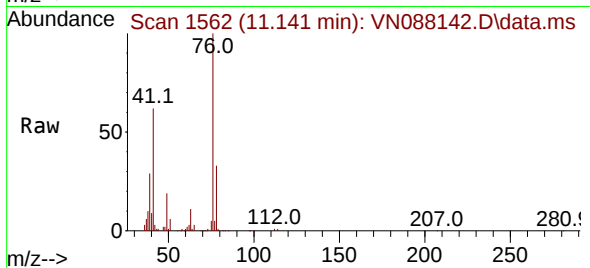
Tgt Ion:	69	Resp:	140597
Ion	Ratio	Lower	Upper
69	100		
41	70.6	56.5	84.7
39	45.5	34.2	51.4





#57
1,3-Dichloropropane
Concen: 21.587 ug/l
RT: 11.141 min Scan# 1562
Delta R.T. -0.000 min
Lab File: VN088142.D
Acq: 28 Oct 2025 16:03

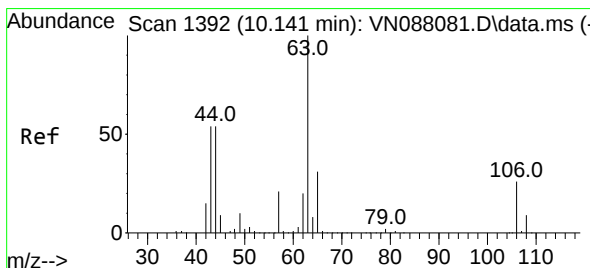
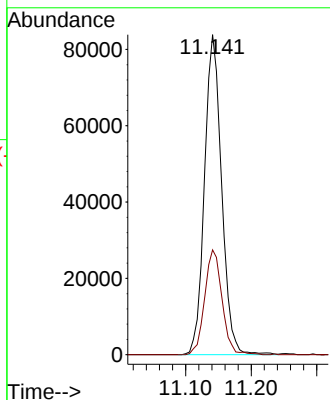
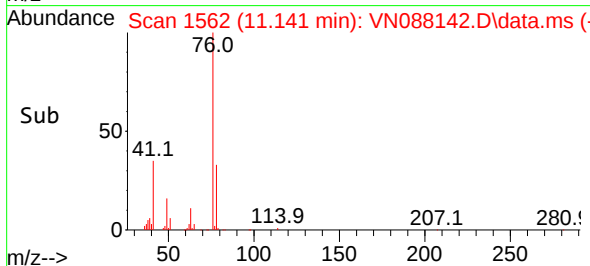
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBSD02



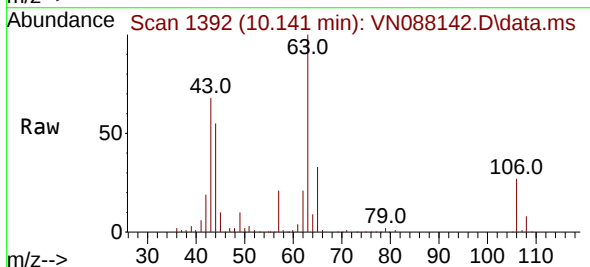
Tgt Ion: 76 Resp: 15244
Ion Ratio Lower Upper
76 100
78 33.2 26.2 39.4

Manual Integrations
APPROVED

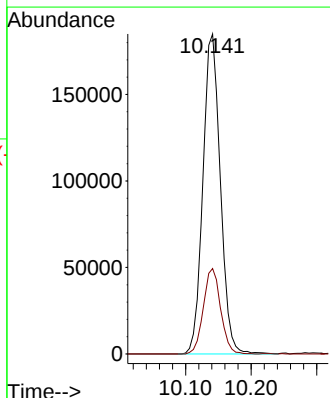
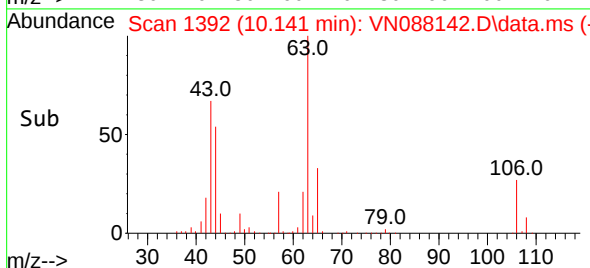
Reviewed By :John Carlone 10/29/2025
Supervised By :Semsettin Yesilyurt 10/29/2025

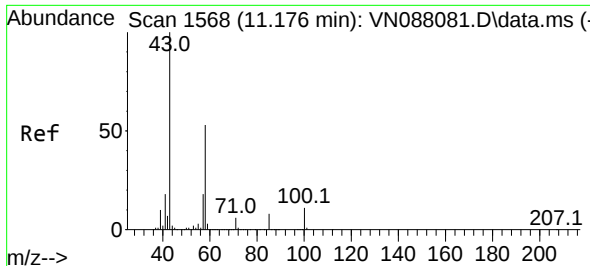


#58
2-Chloroethyl Vinyl ether
Concen: 103.592 ug/l
RT: 10.141 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VN088142.D
Acq: 28 Oct 2025 16:03



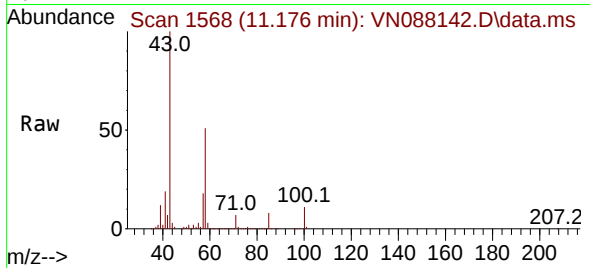
Tgt Ion: 63 Resp: 342582
Ion Ratio Lower Upper
63 100
106 26.3 21.1 31.7





#59
2-Hexanone
Concen: 110.631 ug/l
RT: 11.176 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VN088142.D
Acq: 28 Oct 2025 16:03

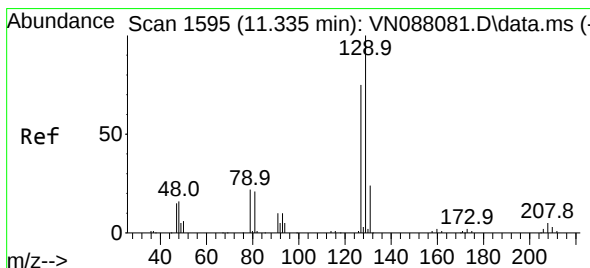
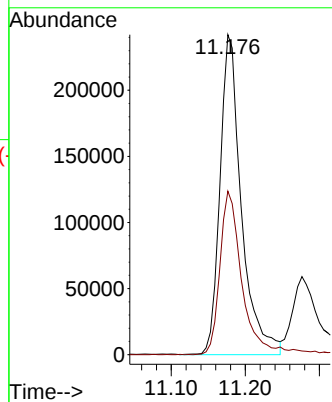
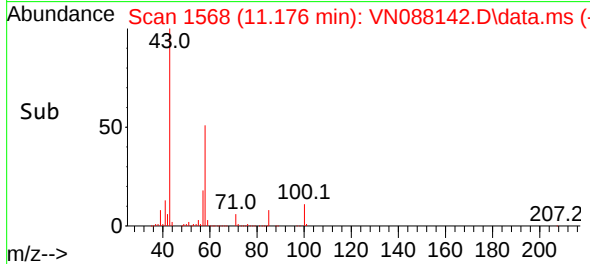
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBSD02



Tgt Ion: 43 Resp: 485544
Ion Ratio Lower Upper
43 100
58 53.5 25.9 77.8

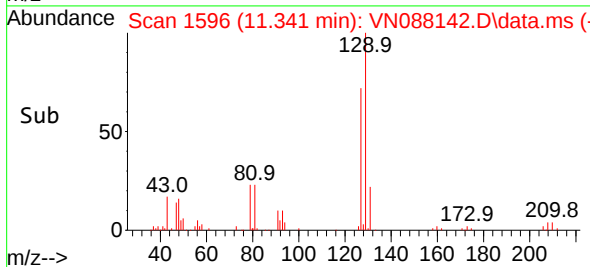
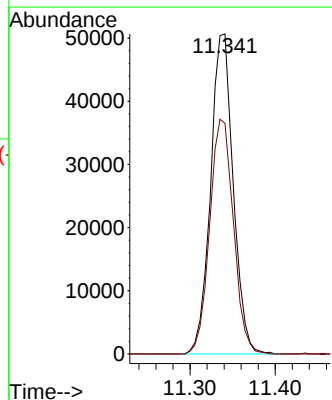
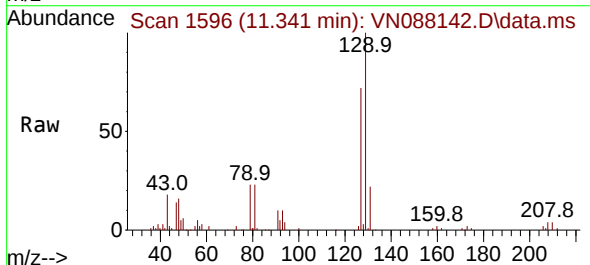
Manual Integrations
APPROVED

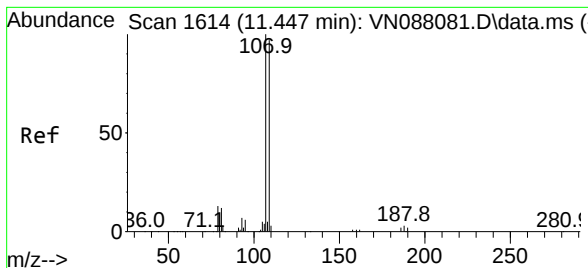
Reviewed By :John Carlone 10/29/2025
Supervised By :Semsettin Yesilyurt 10/29/2025



#60
Dibromochloromethane
Concen: 20.466 ug/l
RT: 11.341 min Scan# 1596
Delta R.T. 0.006 min
Lab File: VN088142.D
Acq: 28 Oct 2025 16:03

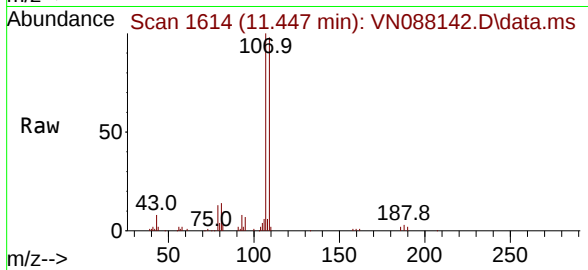
Tgt Ion:129 Resp: 93455
Ion Ratio Lower Upper
129 100
127 76.8 39.1 117.3





#61
1,2-Dibromoethane
Concen: 20.832 ug/l
RT: 11.447 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VN088142.D
Acq: 28 Oct 2025 16:03

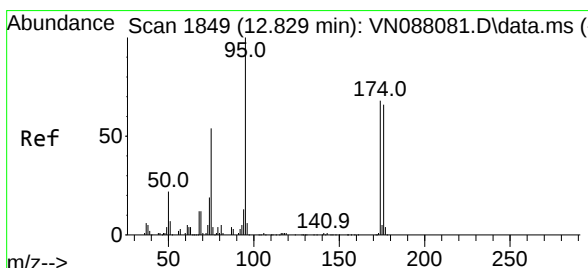
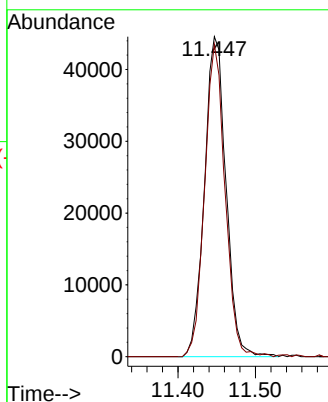
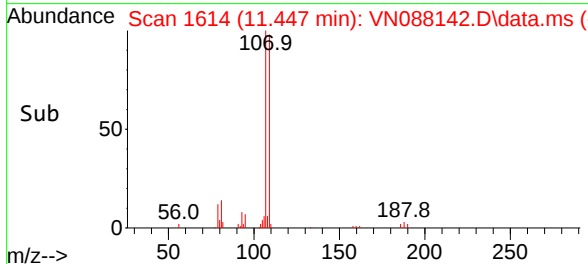
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBSD02



Tgt Ion:107 Resp: 86135
Ion Ratio Lower Upper
107 100
109 92.6 74.7 112.1

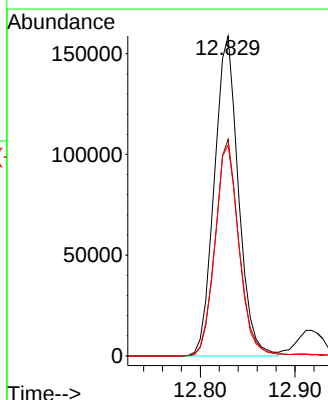
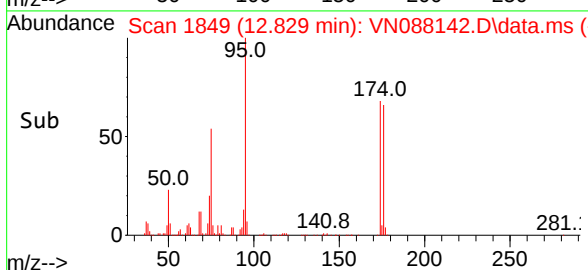
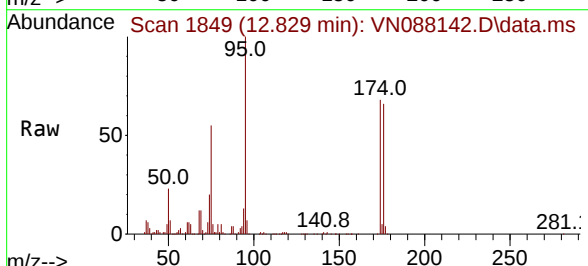
Manual Integrations
APPROVED

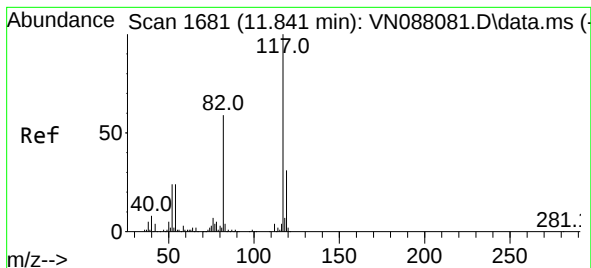
Reviewed By :John Carlone 10/29/2025
Supervised By :Semsettin Yesilyurt 10/29/2025



#62
4-Bromofluorobenzene
Concen: 53.413 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN088142.D
Acq: 28 Oct 2025 16:03

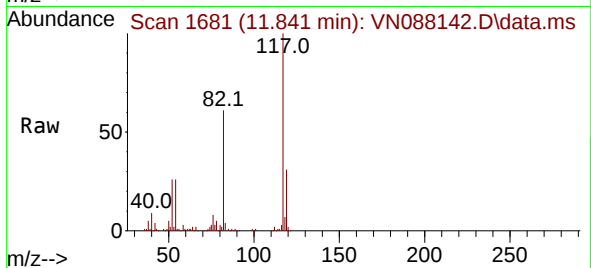
Tgt Ion: 95 Resp: 280745
Ion Ratio Lower Upper
95 100
174 66.5 0.0 138.4
176 66.5 0.0 132.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.841 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VN088142.D
Acq: 28 Oct 2025 16:03

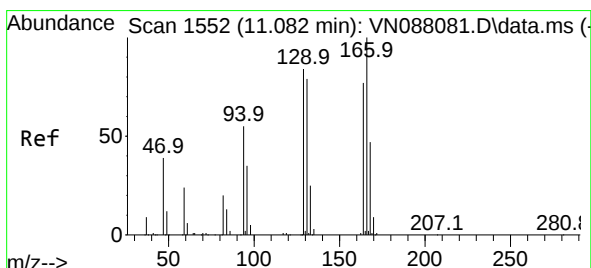
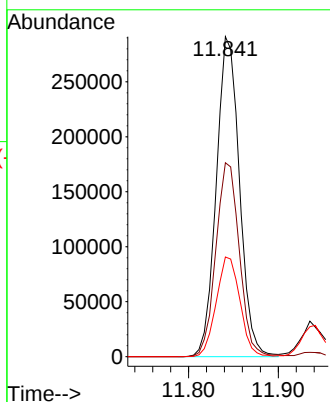
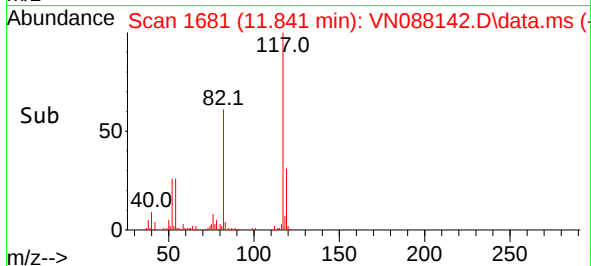
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBSD02



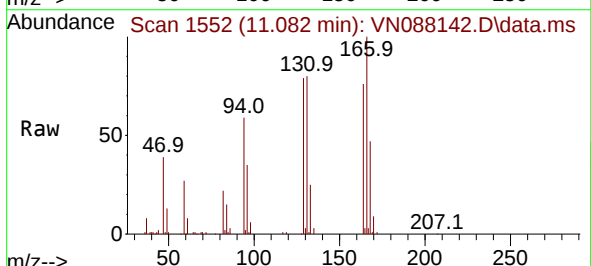
Tgt Ion:117 Resp: 52298
Ion Ratio Lower Upper
117 100
82 60.6 47.4 71.2
119 31.1 24.3 36.5

Manual Integrations
APPROVED

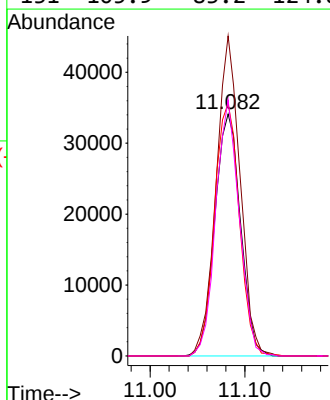
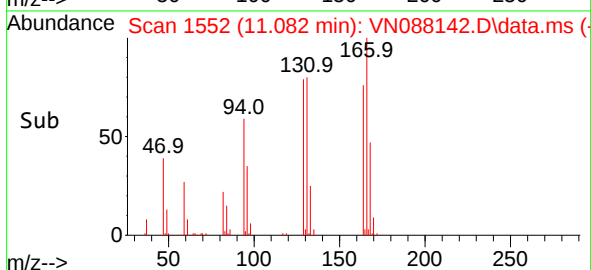
Reviewed By :John Carlone 10/29/2025
Supervised By :Semsettin Yesilyurt 10/29/2025

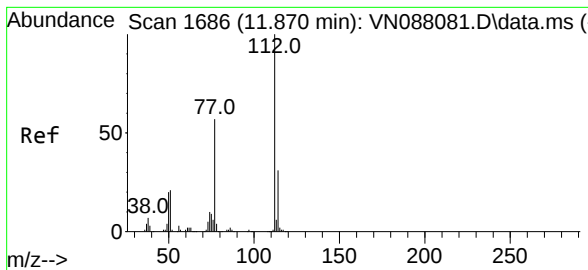


#64
Tetrachloroethene
Concen: 18.595 ug/l
RT: 11.082 min Scan# 1552
Delta R.T. -0.000 min
Lab File: VN088142.D
Acq: 28 Oct 2025 16:03



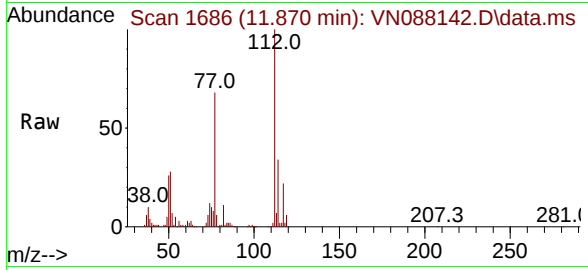
Tgt Ion:164 Resp: 64145
Ion Ratio Lower Upper
164 100
166 132.2 97.7 146.5
129 104.4 85.9 128.9
131 105.9 83.2 124.8





#65
Chlorobenzene
Concen: 19.475 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN088142.D
Acq: 28 Oct 2025 16:03

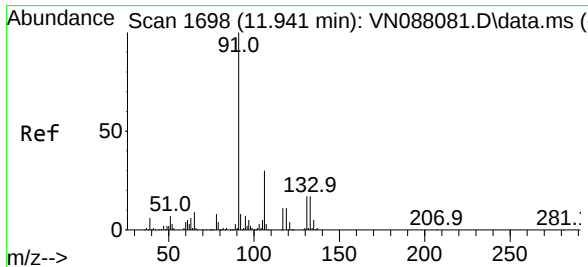
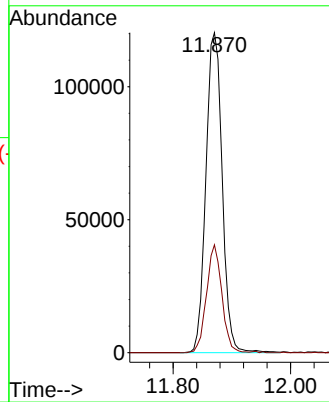
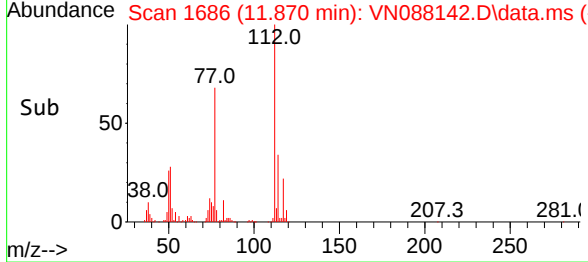
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBSD02



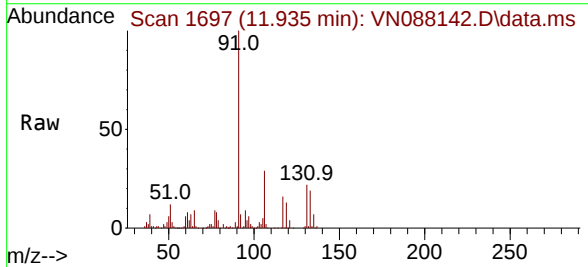
Tgt Ion:112 Resp: 231268
Ion Ratio Lower Upper
112 100
114 33.7 24.3 36.5

Manual Integrations
APPROVED

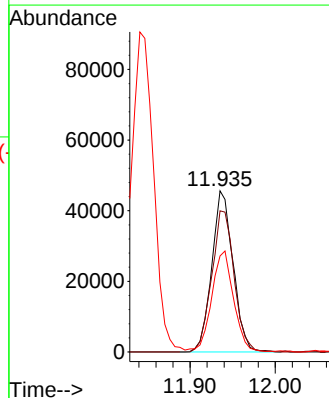
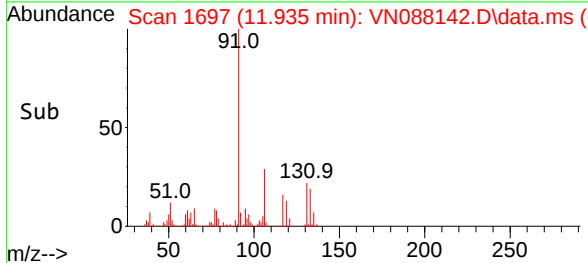
Reviewed By :John Carlone 10/29/2025
Supervised By :Semsettin Yesilyurt 10/29/2025

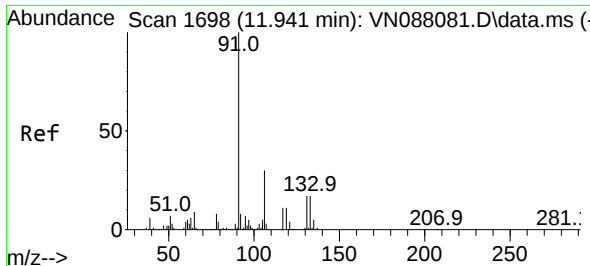


#66
1,1,1,2-Tetrachloroethane
Concen: 20.350 ug/l
RT: 11.935 min Scan# 1697
Delta R.T. -0.006 min
Lab File: VN088142.D
Acq: 28 Oct 2025 16:03



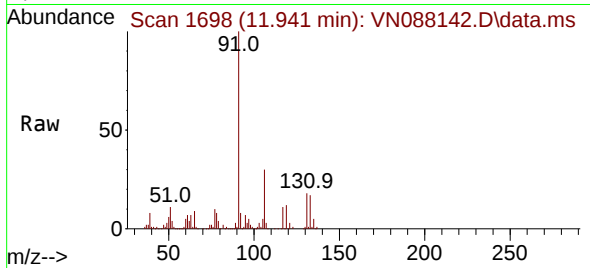
Tgt Ion:131 Resp: 79172
Ion Ratio Lower Upper
131 100
133 92.4 48.0 144.0
119 63.7 32.6 97.7





#67
Ethyl Benzene
Concen: 19.702 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VN088142.D
Acq: 28 Oct 2025 16:03

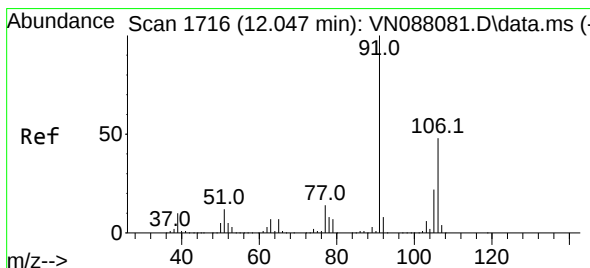
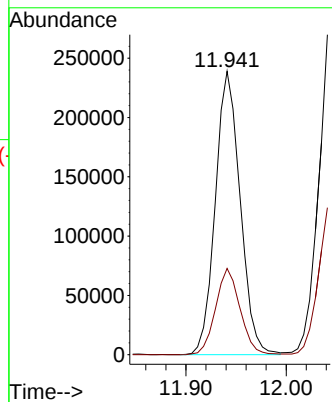
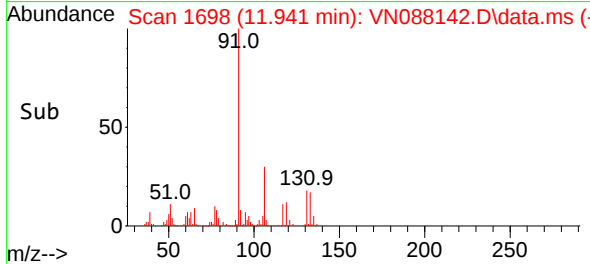
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBSD02



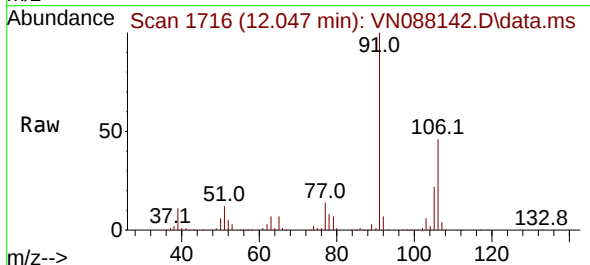
Tgt Ion: 91 Resp: 41068
Ion Ratio Lower Upper
91 100
106 30.4 24.1 36.1

Manual Integrations
APPROVED

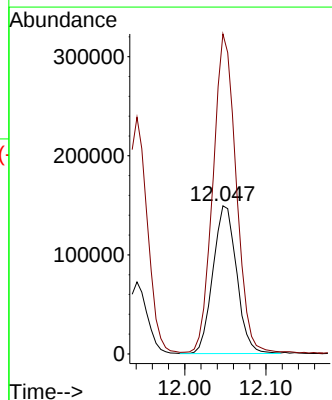
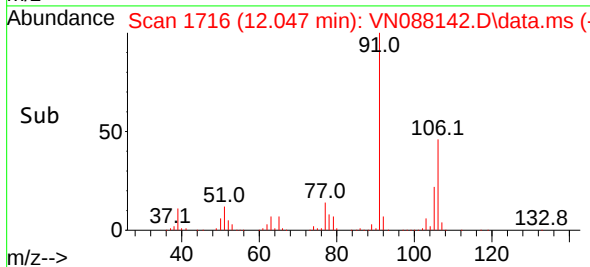
Reviewed By :John Carlone 10/29/2025
Supervised By :Semsettin Yesilyurt 10/29/2025

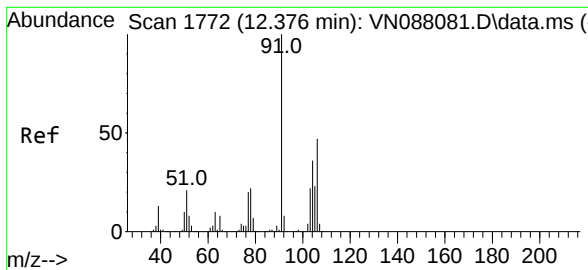


#68
m/p-Xylenes
Concen: 38.627 ug/l
RT: 12.047 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VN088142.D
Acq: 28 Oct 2025 16:03



Tgt Ion:106 Resp: 301686
Ion Ratio Lower Upper
106 100
91 213.8 169.3 253.9





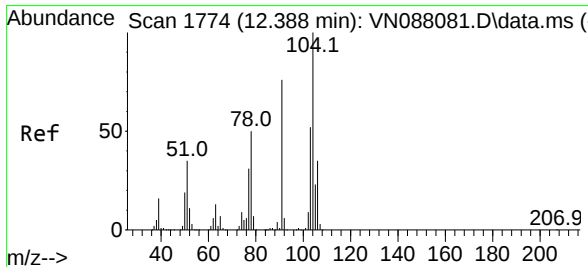
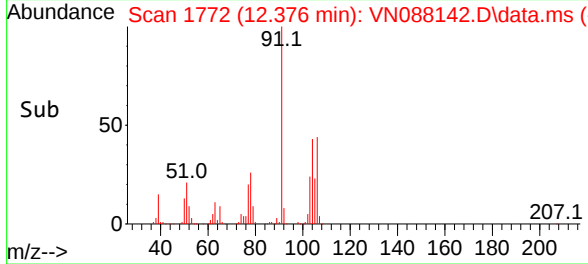
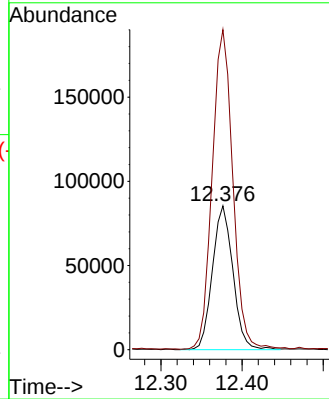
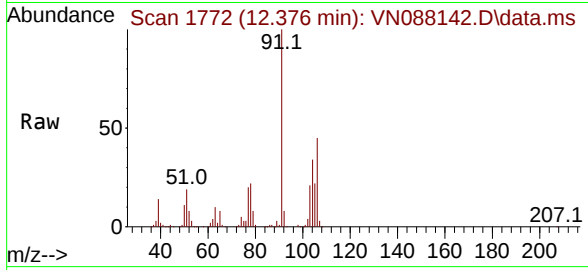
#69
o-Xylene
Concen: 20.275 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VN088142.D
Acq: 28 Oct 2025 16:03

Instrument :
MSVOA_N
ClientSampleId :
VN1028WBSD02

Tgt Ion:106 Resp: 15011
Ion Ratio Lower Upper
106 100
91 222.5 111.4 334.2

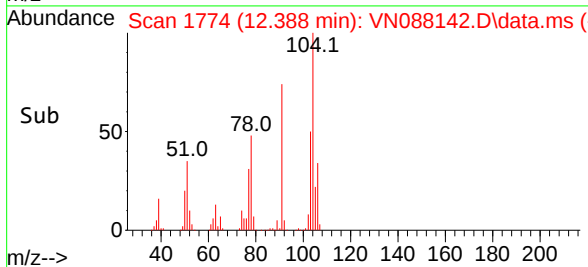
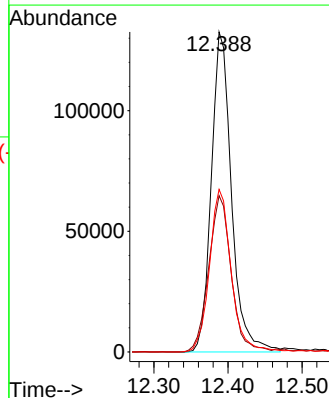
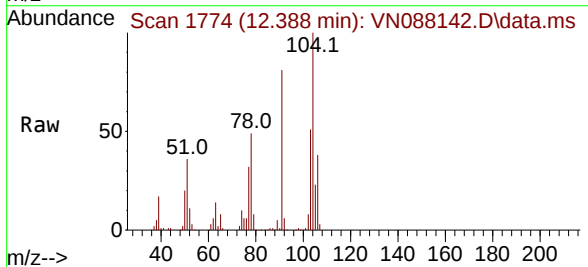
Manual Integrations
APPROVED

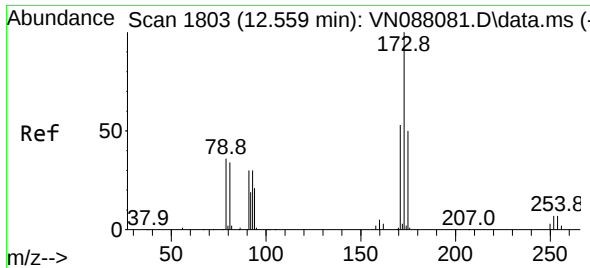
Reviewed By :John Carlone 10/29/2025
Supervised By :Semsettin Yesilyurt 10/29/2025



#70
Styrene
Concen: 20.792 ug/l
RT: 12.388 min Scan# 1774
Delta R.T. -0.000 min
Lab File: VN088142.D
Acq: 28 Oct 2025 16:03

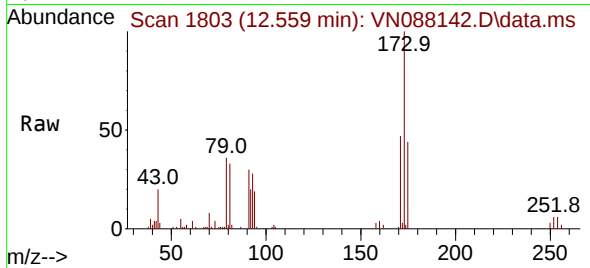
Tgt Ion:104 Resp: 251029
Ion Ratio Lower Upper
104 100
78 54.2 42.2 63.2
103 54.6 43.4 65.2





#71
Bromoform
Concen: 19.569 ug/l
RT: 12.559 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VN088142.D
Acq: 28 Oct 2025 16:03

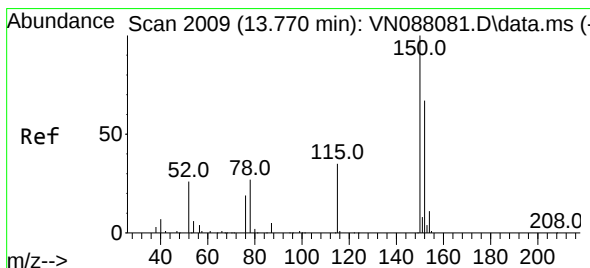
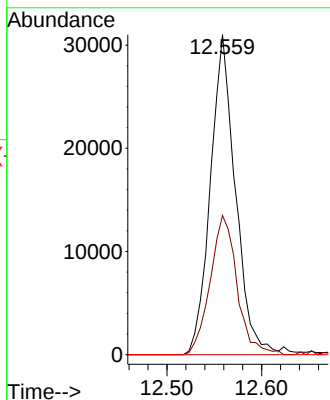
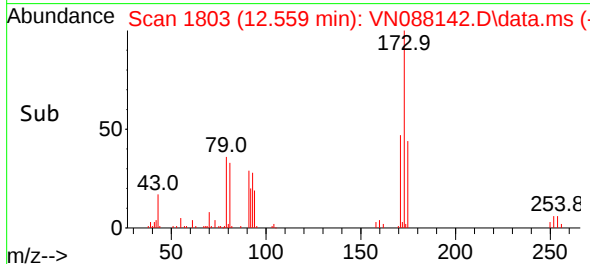
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBSD02



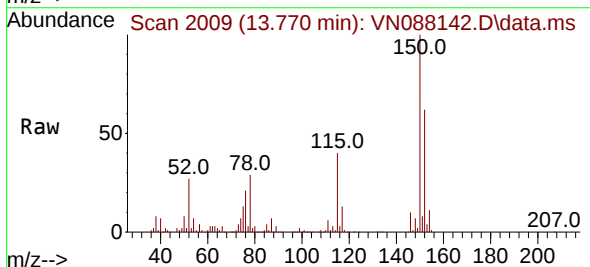
Tgt Ion:173 Resp: 56810
Ion Ratio Lower Upper
173 100
175 46.8 24.9 74.6
254 0.0 0.1 0.1

Manual Integrations
APPROVED

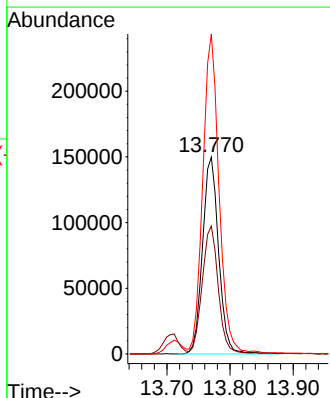
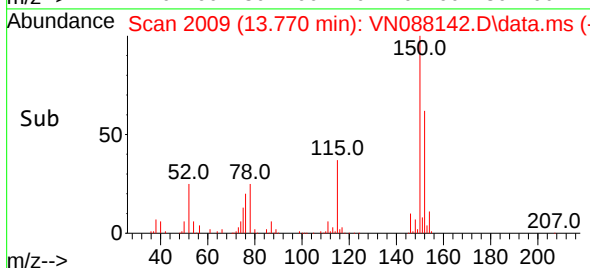
Reviewed By :John Carlone 10/29/2025
Supervised By :Semsettin Yesilyurt 10/29/2025

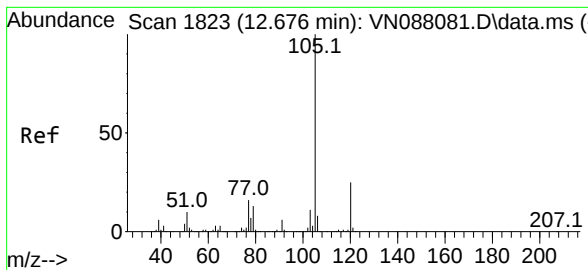


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2009
Delta R.T. 0.006 min
Lab File: VN088142.D
Acq: 28 Oct 2025 16:03



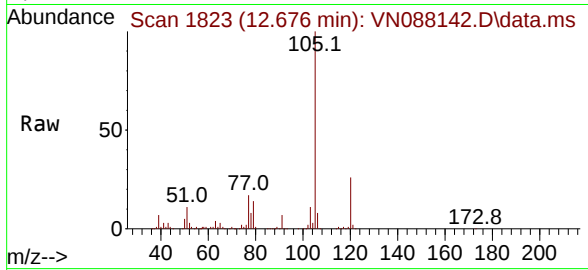
Tgt Ion:152 Resp: 266094
Ion Ratio Lower Upper
152 100
115 64.5 32.3 96.8
150 162.6 0.0 351.0





#73
Isopropylbenzene
Concen: 18.428 ug/l
RT: 12.676 min Scan# 1823
Delta R.T. 0.006 min
Lab File: VN088142.D
Acq: 28 Oct 2025 16:03

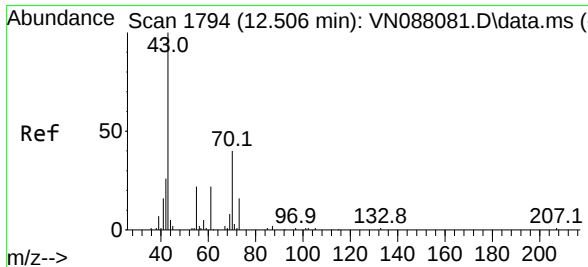
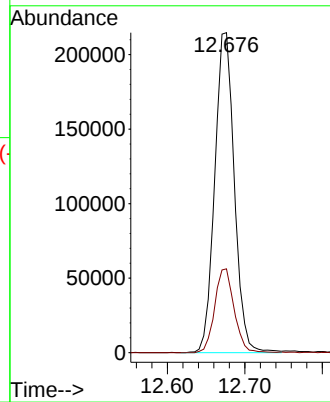
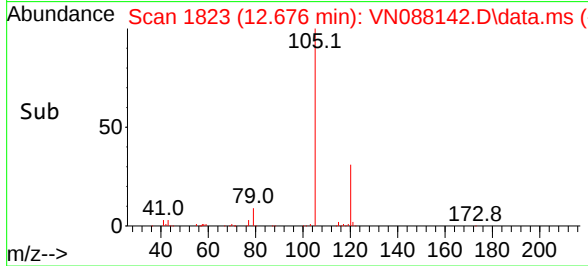
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBSD02



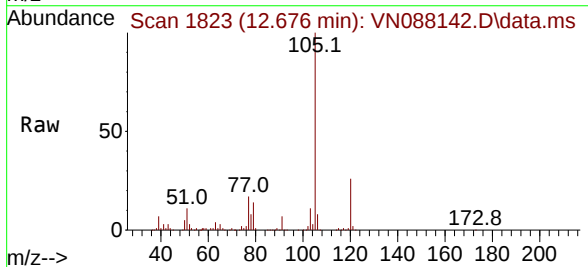
Tgt Ion:105 Resp: 37819
Ion Ratio Lower Upper
105 100
120 25.9 12.8 38.3

Manual Integrations
APPROVED

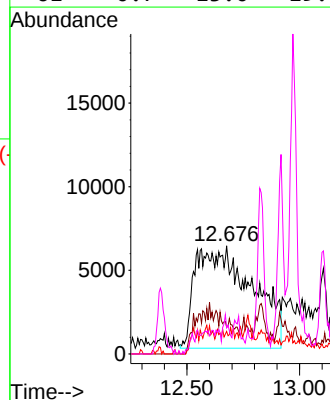
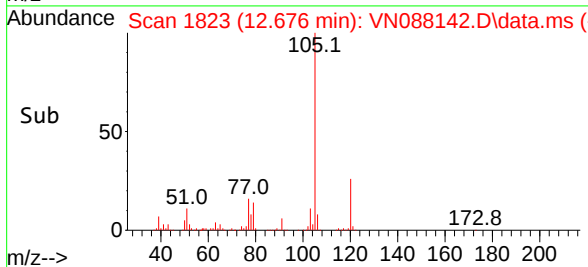
Reviewed By :John Carlone 10/29/2025
Supervised By :Semsettin Yesilyurt 10/29/2025

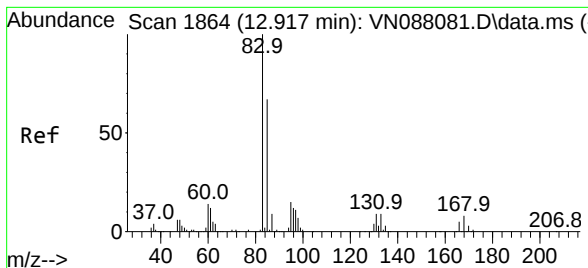


#74
N-ethyl acetate
Concen: 18.144 ug/l m
RT: 12.676 min Scan# 1823
Delta R.T. 0.176 min
Lab File: VN088142.D
Acq: 28 Oct 2025 16:03



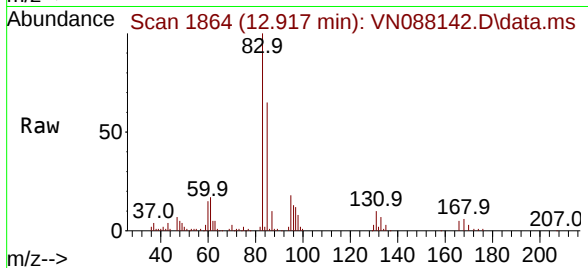
Tgt Ion: 43 Resp: 105705
Ion Ratio Lower Upper
43 100
70 0.0 27.6 41.4#
55 0.0 13.0 19.6#
61 0.7 13.0 19.6#





#75
1,1,2,2-Tetrachloroethane
Concen: 20.240 ug/l
RT: 12.917 min Scan# 1864
Delta R.T. -0.000 min
Lab File: VN088142.D
Acq: 28 Oct 2025 16:03

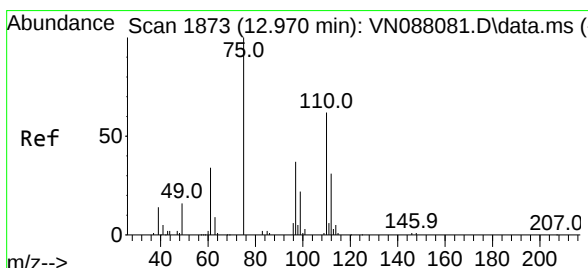
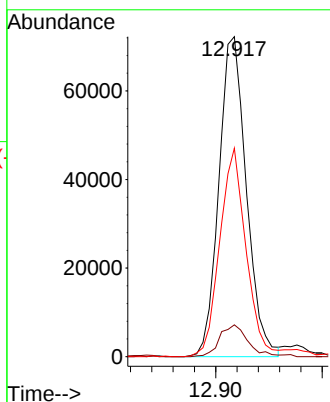
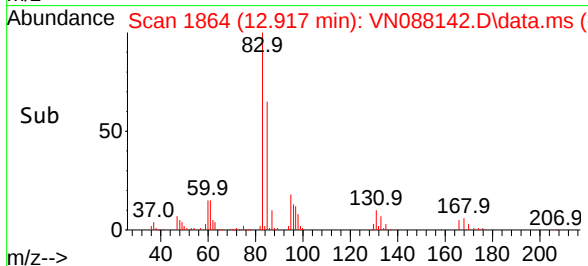
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBSD02



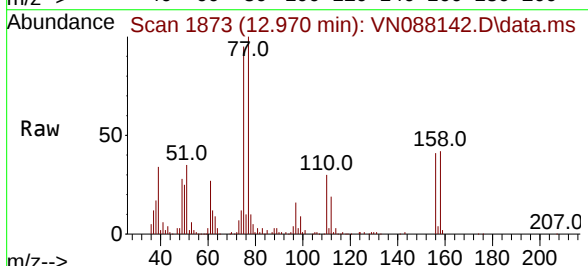
Tgt Ion: 83 Resp: 12932
Ion Ratio Lower Upper
83 100
131 10.4 4.8 14.4
85 62.2 32.1 96.3

Manual Integrations
APPROVED

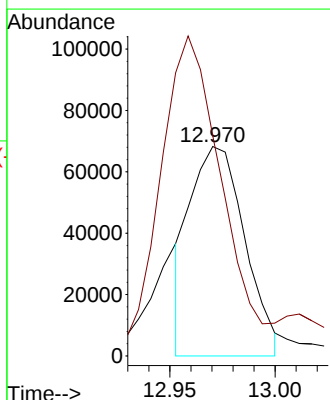
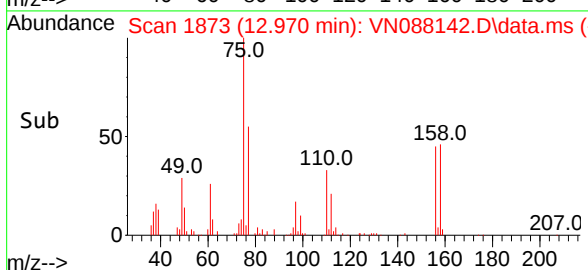
Reviewed By :John Carlone 10/29/2025
Supervised By :Semsettin Yesilyurt 10/29/2025

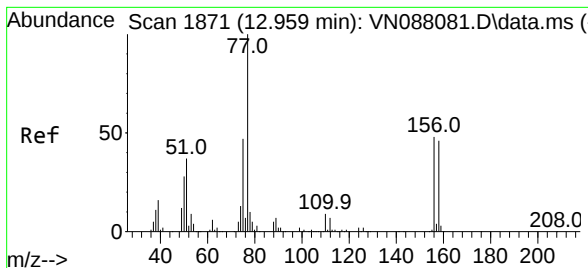


#76
1,2,3-Trichloropropane
Concen: 20.231 ug/l m
RT: 12.970 min Scan# 1873
Delta R.T. -0.000 min
Lab File: VN088142.D
Acq: 28 Oct 2025 16:03



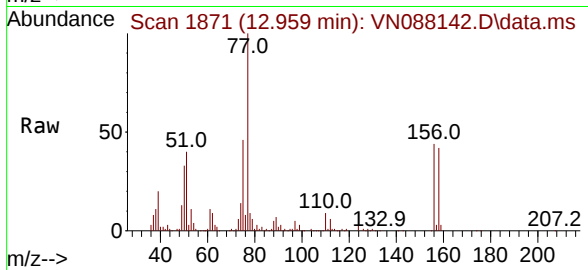
Tgt Ion: 75 Resp: 123081
Ion Ratio Lower Upper
75 100
77 174.1 89.1 267.4





#77
Bromobenzene
Concen: 20.319 ug/l
RT: 12.959 min Scan# 1871
Delta R.T. -0.000 min
Lab File: VN088142.D
Acq: 28 Oct 2025 16:03

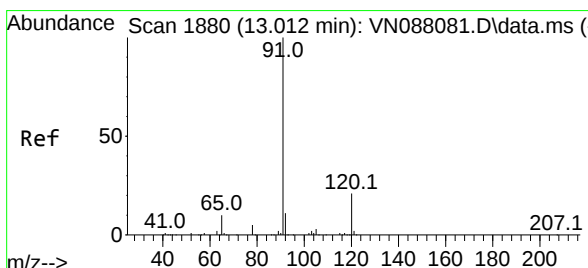
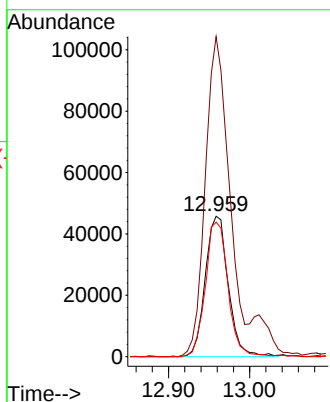
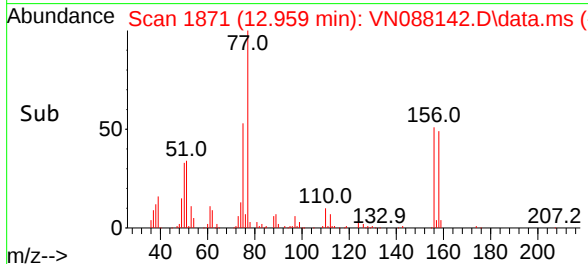
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBSD02



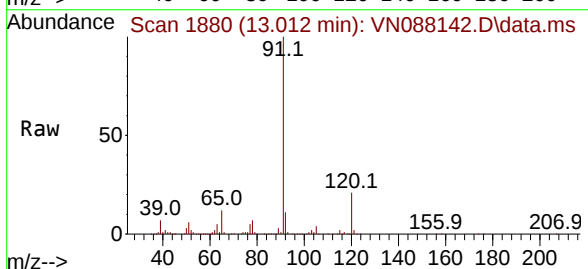
Tgt Ion:156 Resp: 89920
Ion Ratio Lower Upper
156 100
77 238.3 119.3 358.0
158 94.1 48.2 144.6

Manual Integrations
APPROVED

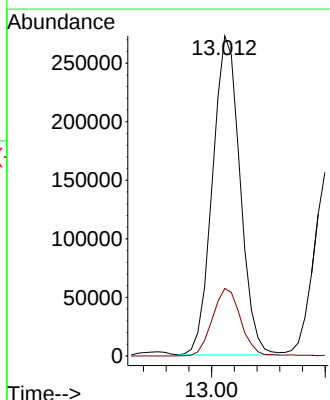
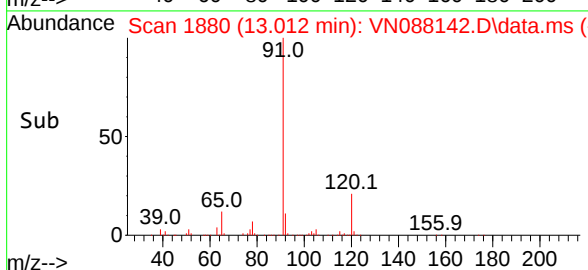
Reviewed By :John Carlone 10/29/2025
Supervised By :Semsettin Yesilyurt 10/29/2025

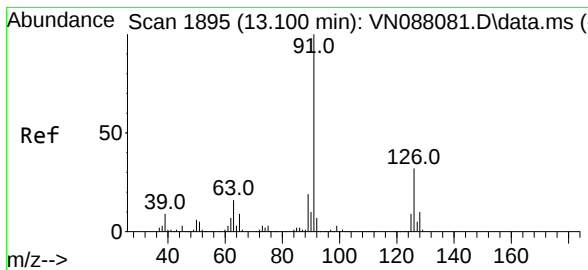


#78
n-propylbenzene
Concen: 18.286 ug/l
RT: 13.012 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN088142.D
Acq: 28 Oct 2025 16:03



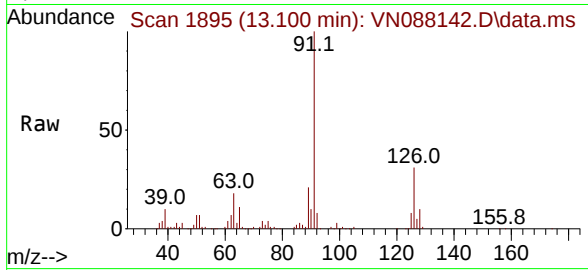
Tgt Ion: 91 Resp: 457987
Ion Ratio Lower Upper
91 100
120 22.0 10.7 32.1





#79
2-Chlorotoluene
Concen: 19.897 ug/l
RT: 13.100 min Scan# 1895
Delta R.T. -0.000 min
Lab File: VN088142.D
Acq: 28 Oct 2025 16:03

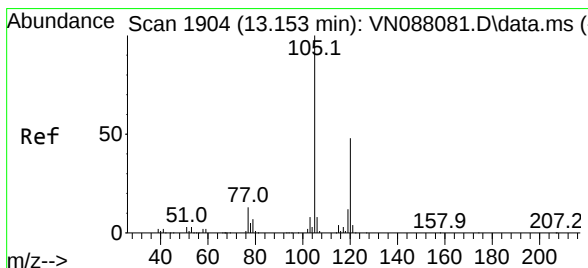
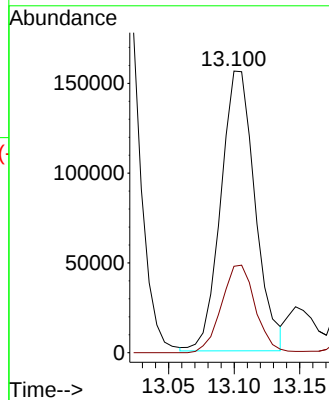
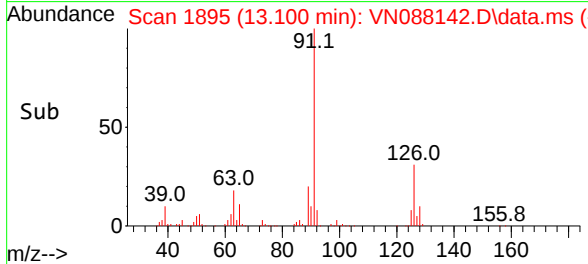
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBSD02



Tgt Ion: 91 Resp: 28418
Ion Ratio Lower Upper
91 100
126 30.8 16.1 48.3

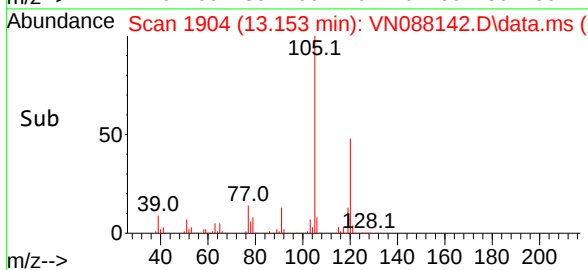
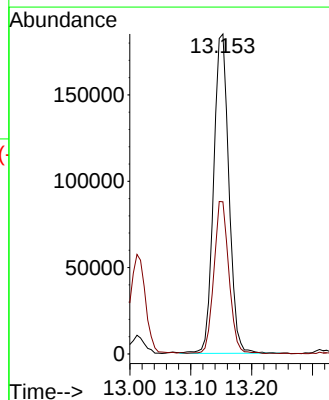
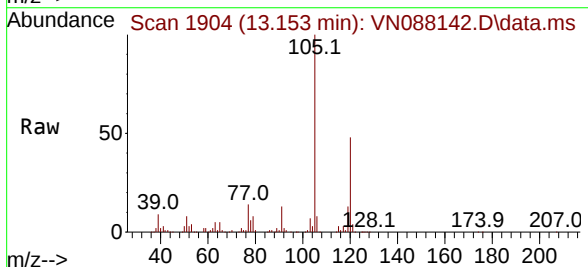
Manual Integrations
APPROVED

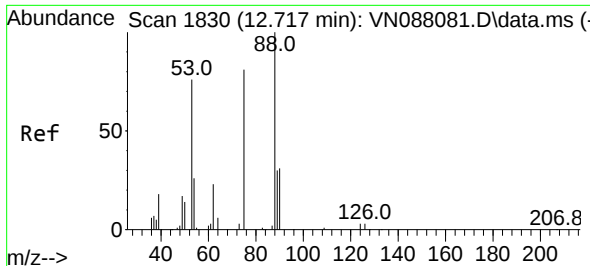
Reviewed By :John Carlone 10/29/2025
Supervised By :Semsettin Yesilyurt 10/29/2025



#80
1,3,5-Trimethylbenzene
Concen: 18.877 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VN088142.D
Acq: 28 Oct 2025 16:03

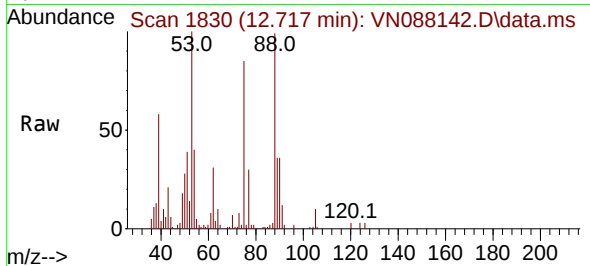
Tgt Ion:105 Resp: 321756
Ion Ratio Lower Upper
105 100
120 46.8 23.2 69.6





#81
trans-1,4-Dichloro-2-butene
Concen: 15.740 ug/l
RT: 12.717 min Scan# 1830
Delta R.T. -0.000 min
Lab File: VN088142.D
Acq: 28 Oct 2025 16:03

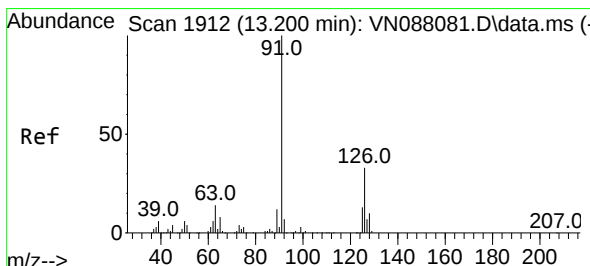
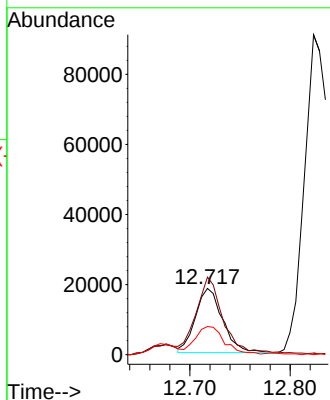
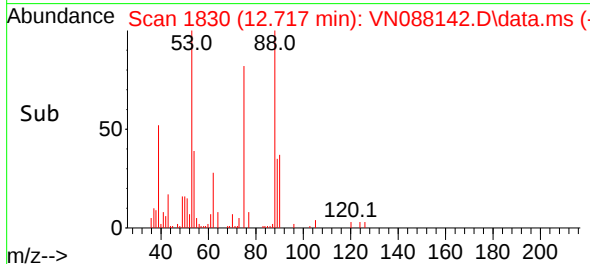
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBSD02



Tgt Ion: 75 Resp: 3432
Ion Ratio Lower Upper
75 100
53 122.2 101.8 152.6
89 45.5 35.6 53.4

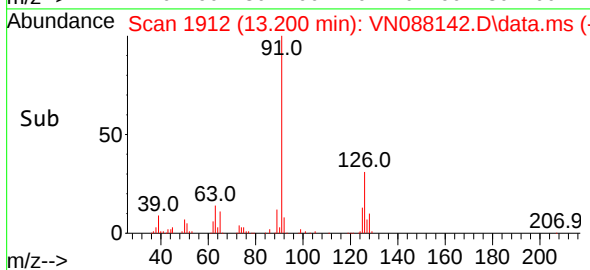
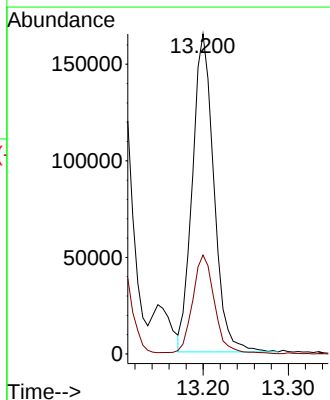
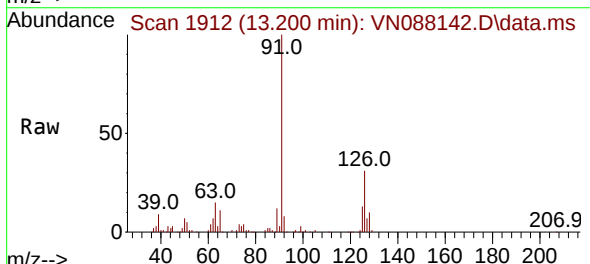
Manual Integrations
APPROVED

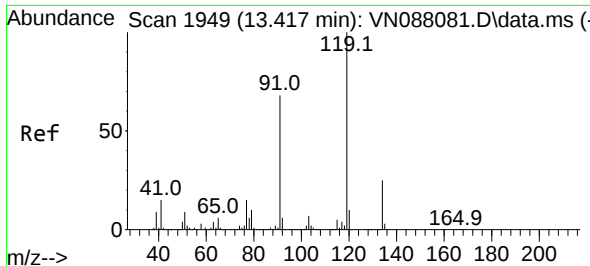
Reviewed By :John Carlone 10/29/2025
Supervised By :Semsettin Yesilyurt 10/29/2025



#82
4-Chlorotoluene
Concen: 18.643 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. -0.000 min
Lab File: VN088142.D
Acq: 28 Oct 2025 16:03

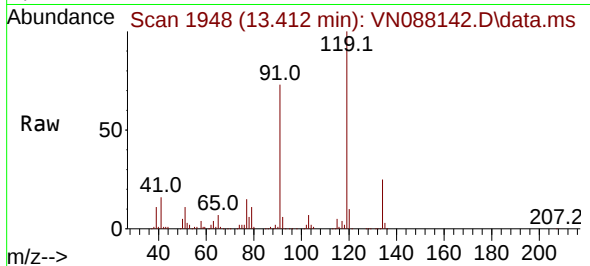
Tgt Ion: 91 Resp: 288090
Ion Ratio Lower Upper
91 100
126 31.8 15.6 46.8





#83
tert-Butylbenzene
Concen: 17.890 ug/l
RT: 13.412 min Scan# 1948
Delta R.T. -0.006 min
Lab File: VN088142.D
Acq: 28 Oct 2025 16:03

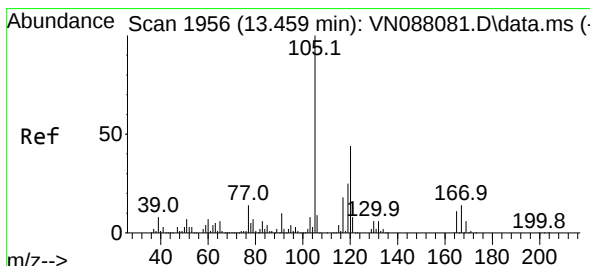
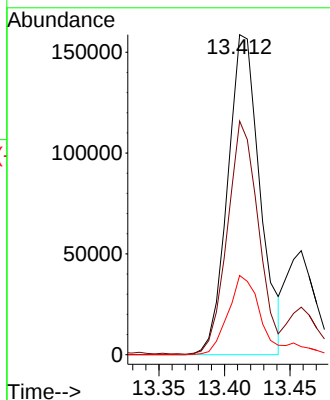
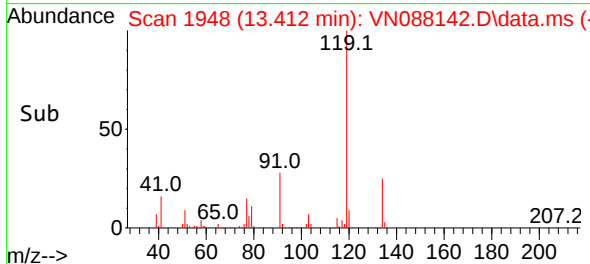
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBSD02



Tgt Ion:119 Resp: 272392
Ion Ratio Lower Upper
119 100
91 69.8 35.0 105.0
134 26.5 12.6 37.8

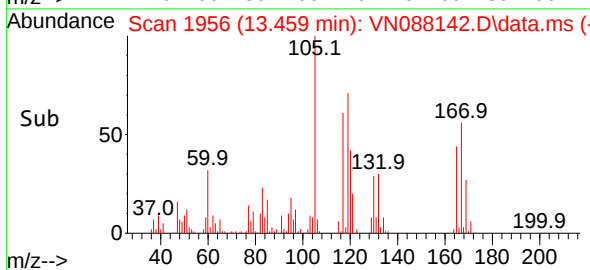
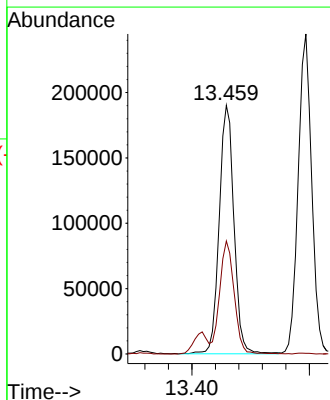
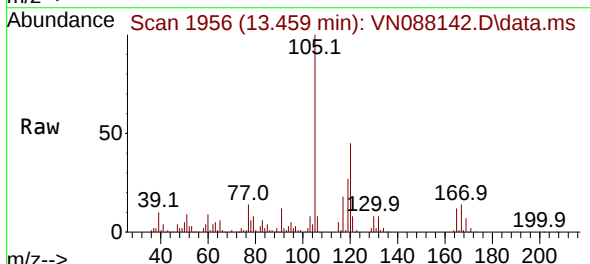
Manual Integrations
APPROVED

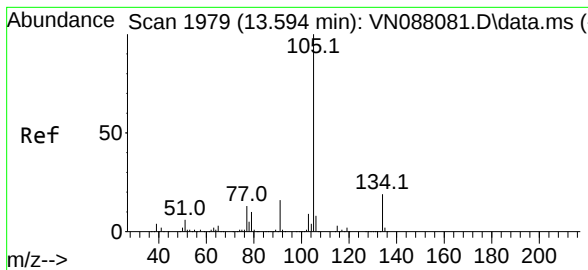
Reviewed By :John Carlone 10/29/2025
Supervised By :Semsettin Yesilyurt 10/29/2025



#84
1,2,4-Trimethylbenzene
Concen: 19.425 ug/l
RT: 13.459 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN088142.D
Acq: 28 Oct 2025 16:03

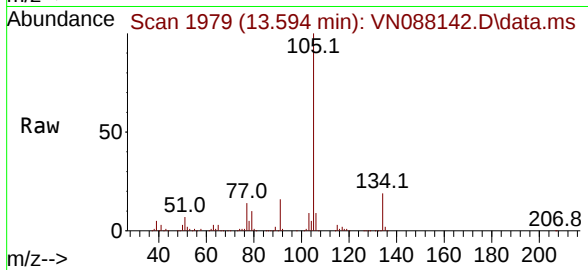
Tgt Ion:105 Resp: 331266
Ion Ratio Lower Upper
105 100
120 44.9 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 17.508 ug/l
 RT: 13.594 min Scan# 1979
 Delta R.T. -0.000 min
 Lab File: VN088142.D
 Acq: 28 Oct 2025 16:03

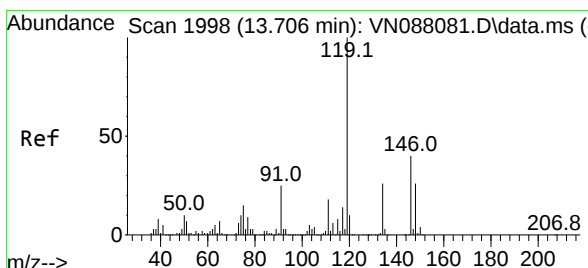
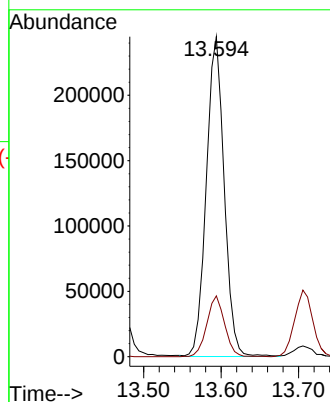
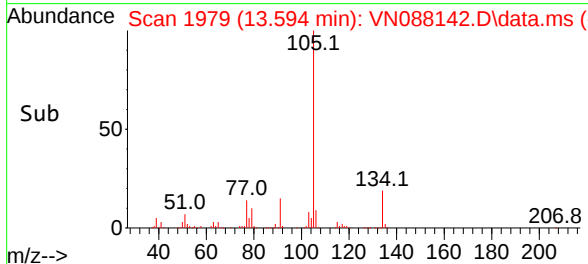
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1028WBSD02



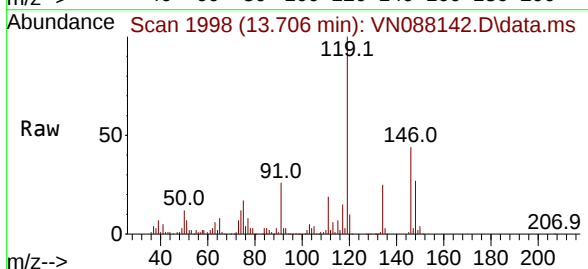
Tgt Ion:105 Resp: 39166
 Ion Ratio Lower Upper
 105 100
 134 18.9 9.6 28.6

Manual Integrations
 APPROVED

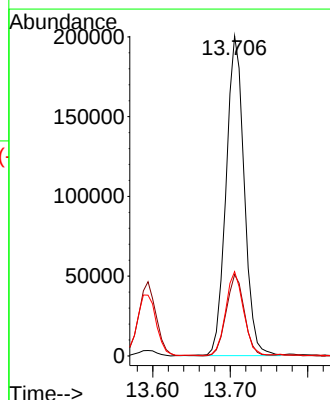
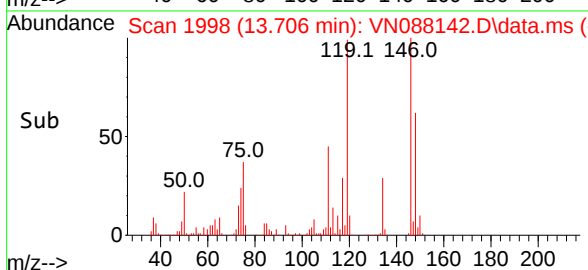
Reviewed By :John Carlone 10/29/2025
 Supervised By :Semsettin Yesilyurt 10/29/2025

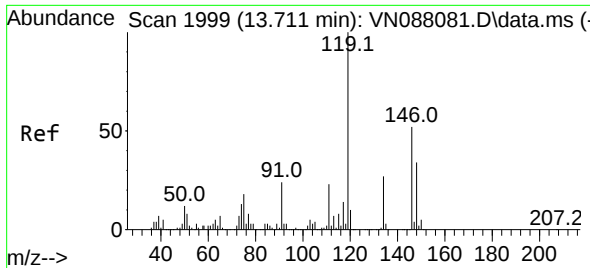


#86
 p-Isopropyltoluene
 Concen: 18.174 ug/l
 RT: 13.706 min Scan# 1998
 Delta R.T. -0.000 min
 Lab File: VN088142.D
 Acq: 28 Oct 2025 16:03



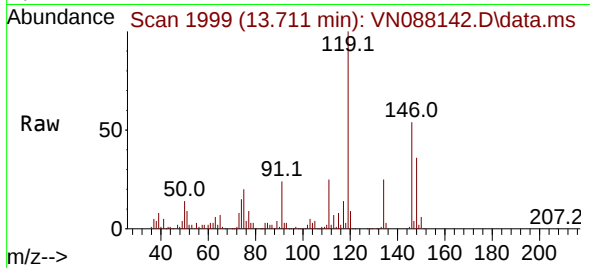
Tgt Ion:119 Resp: 326142
 Ion Ratio Lower Upper
 119 100
 134 25.6 12.7 38.0
 91 25.8 12.5 37.5





#87
1,3-Dichlorobenzene
Concen: 19.203 ug/l
RT: 13.711 min Scan# 1999
Delta R.T. -0.000 min
Lab File: VN088142.D
Acq: 28 Oct 2025 16:03

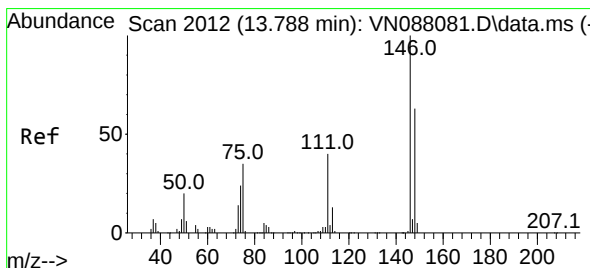
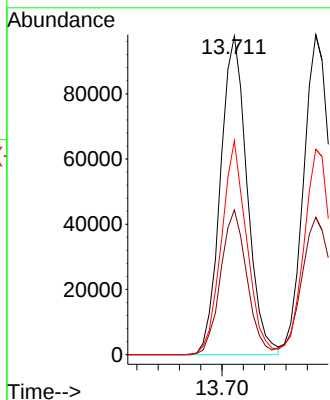
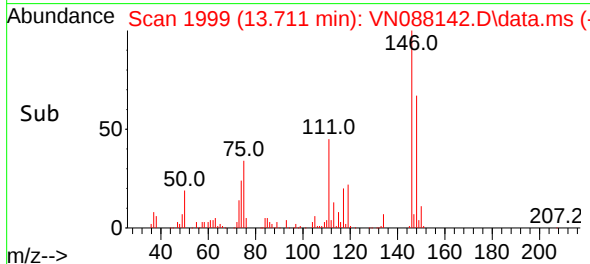
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBSD02



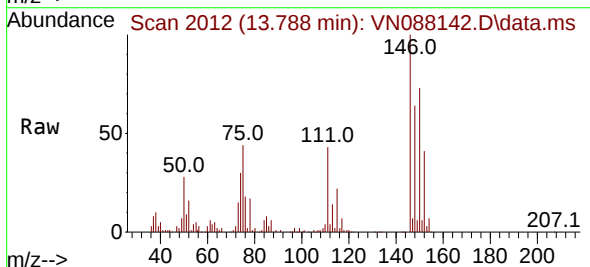
Tgt Ion:146 Resp: 16965
Ion Ratio Lower Upper
146 100
111 44.7 22.1 66.5
148 63.9 32.0 96.2

Manual Integrations
APPROVED

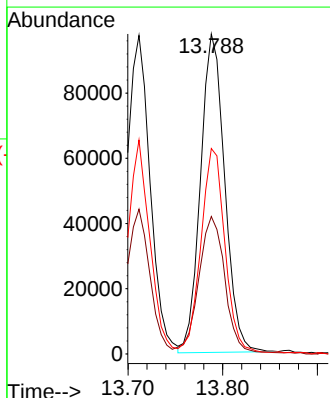
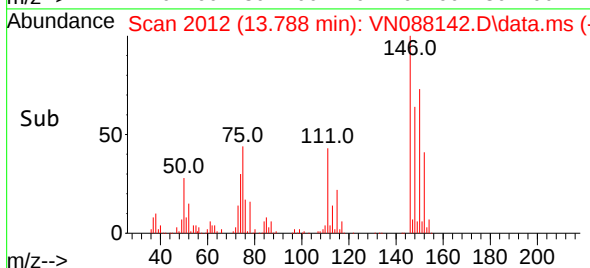
Reviewed By :John Carlone 10/29/2025
Supervised By :Semsettin Yesilyurt 10/29/2025

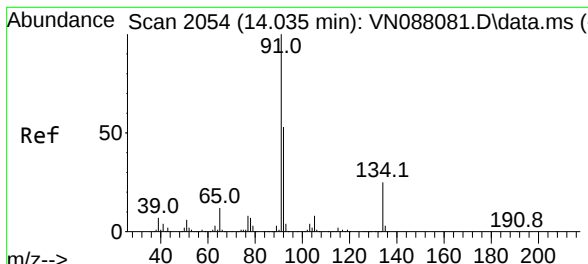


#88
1,4-Dichlorobenzene
Concen: 18.212 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN088142.D
Acq: 28 Oct 2025 16:03



Tgt Ion:146 Resp: 172812
Ion Ratio Lower Upper
146 100
111 46.2 21.0 63.0
148 63.5 32.0 96.0





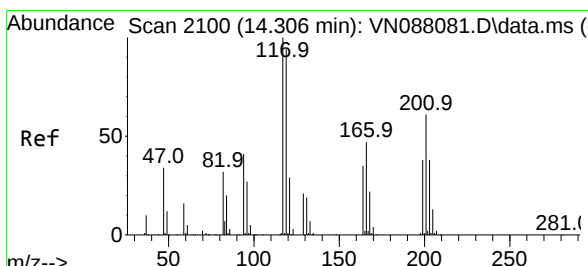
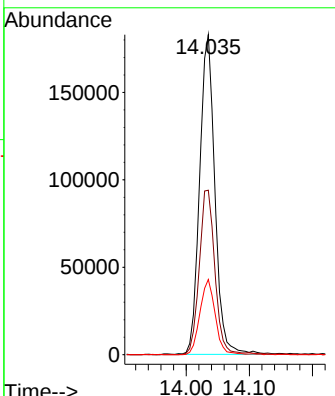
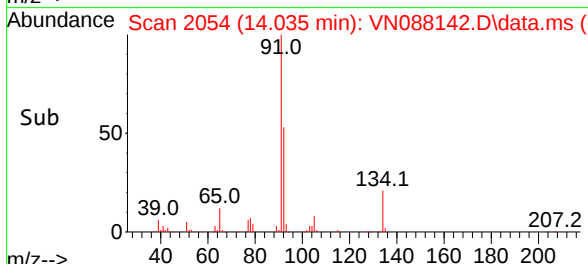
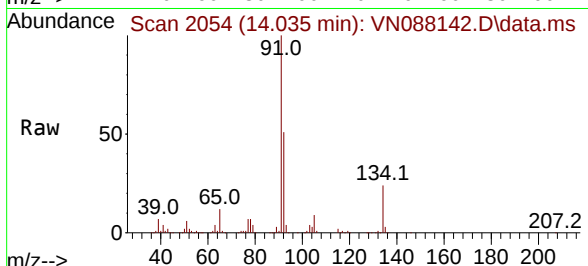
#89
 n-Butylbenzene
 Concen: 17.265 ug/l
 RT: 14.035 min Scan# 2054
 Delta R.T. 0.006 min
 Lab File: VN088142.D
 Acq: 28 Oct 2025 16:03

Instrument : MSVOA_N
 ClientSampleId : VN1028WBSD02

Tgt Ion:	91	Resp:	30689
Ion Ratio	Lower	Upper	
91	100		
92	52.9	25.9	77.8
134	23.5	11.7	35.0

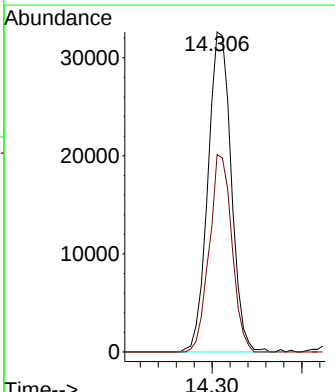
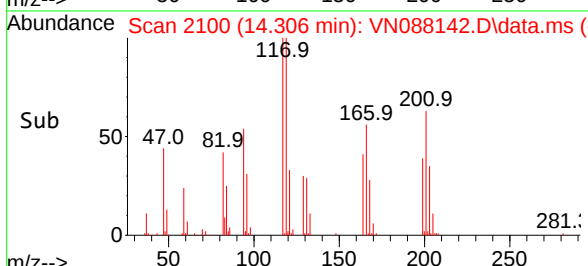
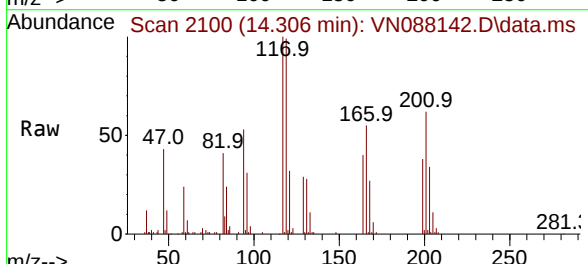
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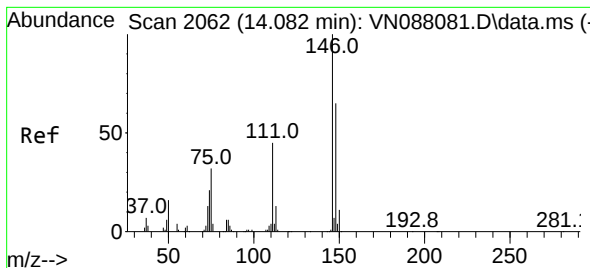
Reviewed By :John Carlone 10/29/2025
 Supervised By :Semsettin Yesilyurt 10/29/2025



#90
 Hexachloroethane
 Concen: 16.908 ug/l
 RT: 14.306 min Scan# 2100
 Delta R.T. -0.006 min
 Lab File: VN088142.D
 Acq: 28 Oct 2025 16:03

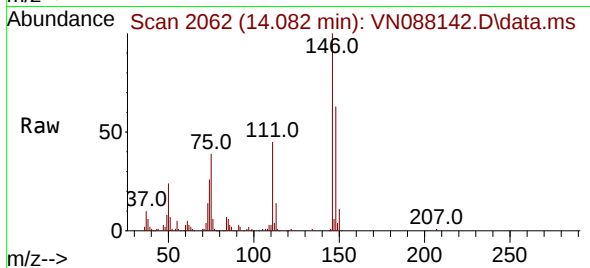
Tgt Ion:	117	Resp:	58759
Ion Ratio	Lower	Upper	
117	100		
201	59.7	29.1	87.4





#91
1,2-Dichlorobenzene
Concen: 19.409 ug/l
RT: 14.082 min Scan# 2062
Delta R.T. -0.000 min
Lab File: VN088142.D
Acq: 28 Oct 2025 16:03

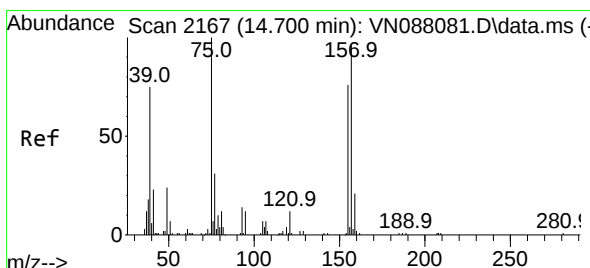
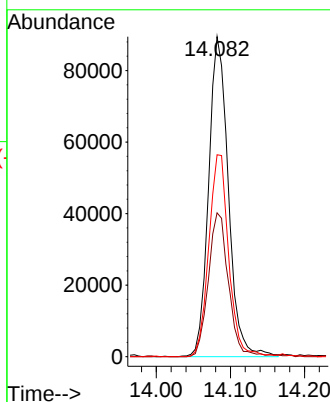
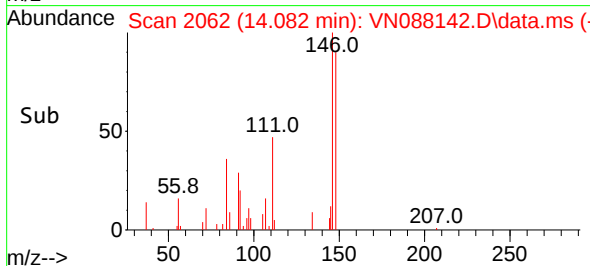
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBSD02



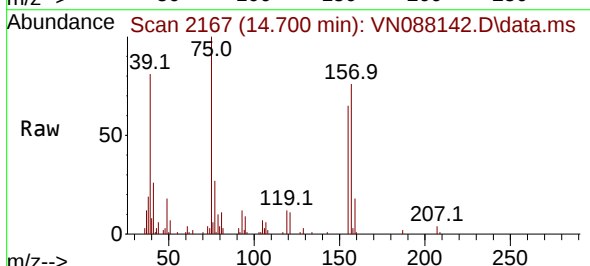
Tgt Ion:146 Resp: 16529
Ion Ratio Lower Upper
146 100
111 45.7 22.6 67.8
148 63.6 31.9 95.9

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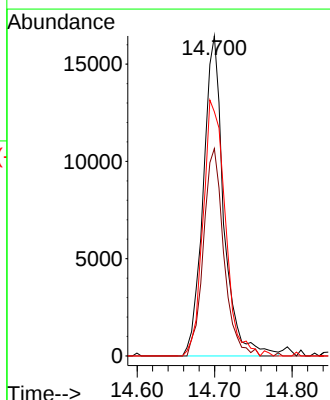
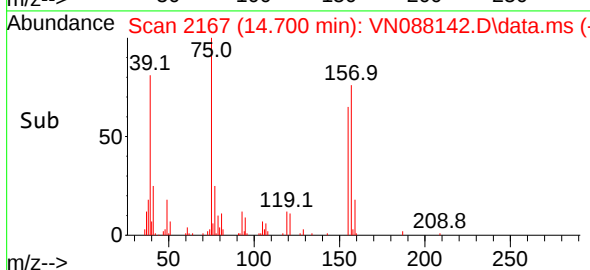
Reviewed By :John Carlone 10/29/2025
Supervised By :Semsettin Yesilyurt 10/29/2025

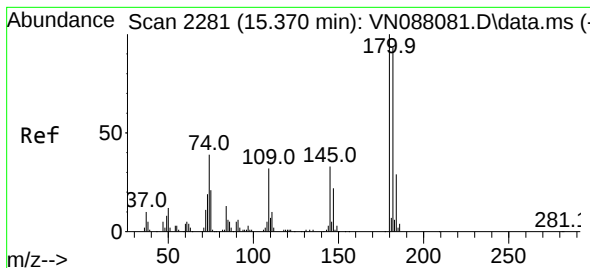


#92
1,2-Dibromo-3-Chloropropane
Concen: 20.320 ug/l
RT: 14.700 min Scan# 2167
Delta R.T. -0.000 min
Lab File: VN088142.D
Acq: 28 Oct 2025 16:03



Tgt Ion: 75 Resp: 30219
Ion Ratio Lower Upper
75 100
155 64.2 36.6 109.9
157 86.1 45.6 136.9





#93

1,2,4-Trichlorobenzene

Concen: 18.859 ug/l

RT: 15.364 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN088142.D

Acq: 28 Oct 2025 16:03

Instrument :

MSVOA_N

ClientSampleId :

VN1028WBSD02

Tgt Ion:180 Resp: 9726

Ion Ratio Lower Upper

180 100

182 95.0 47.6 142.9

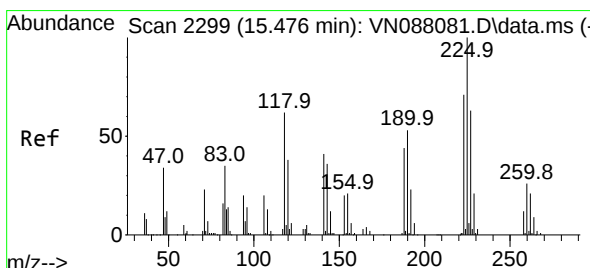
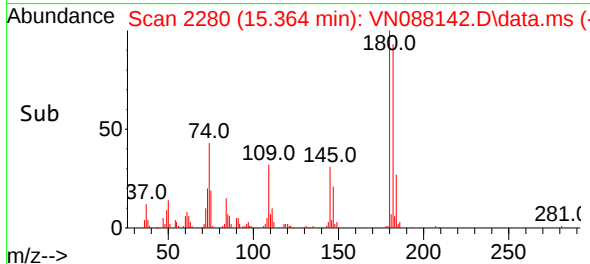
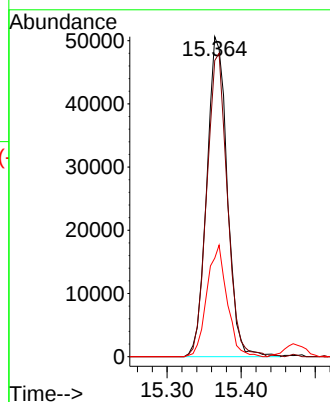
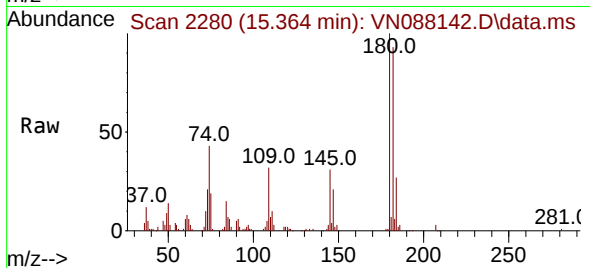
145 34.3 16.5 49.5

Manual Integrations

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Reviewed By :John Carlone 10/29/2025

Supervised By :Semsettin Yesilyurt 10/29/2025



#94

Hexachlorobutadiene

Concen: 17.699 ug/l

RT: 15.476 min Scan# 2299

Delta R.T. -0.000 min

Lab File: VN088142.D

Acq: 28 Oct 2025 16:03

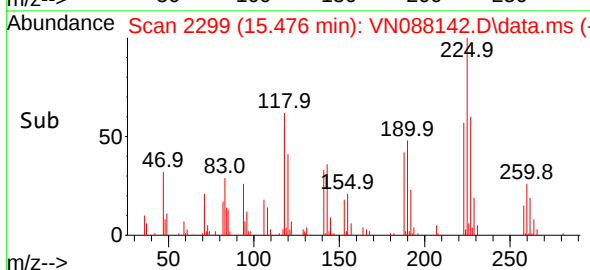
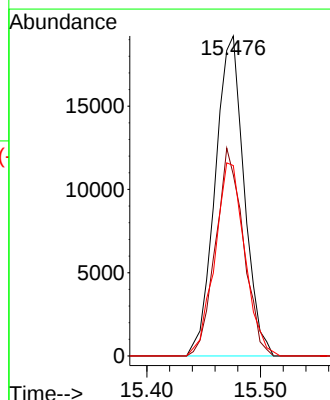
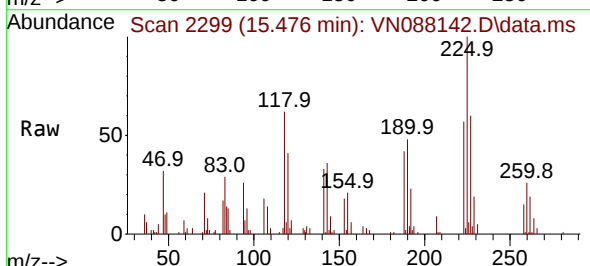
Tgt Ion:225 Resp: 33993

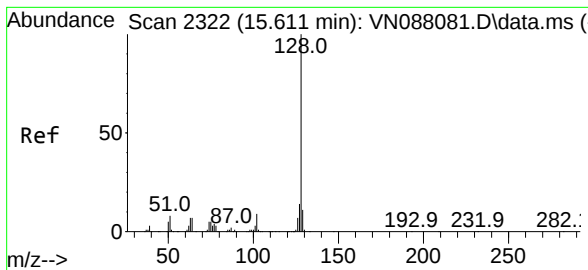
Ion Ratio Lower Upper

225 100

223 62.5 32.0 96.2

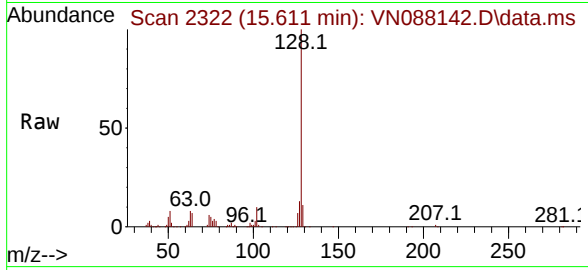
227 62.5 32.1 96.5





#95
Naphthalene
Concen: 19.298 ug/l
RT: 15.611 min Scan# 2322
Delta R.T. -0.000 min
Lab File: VN088142.D
Acq: 28 Oct 2025 16:03

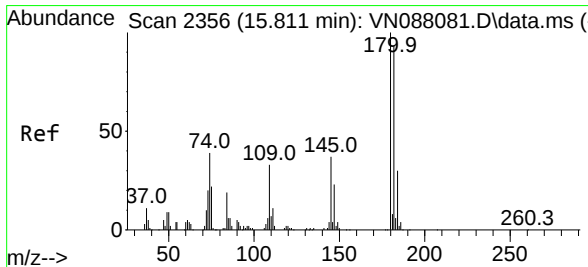
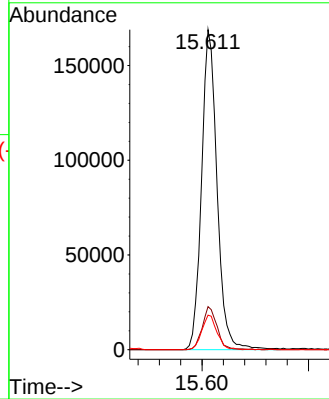
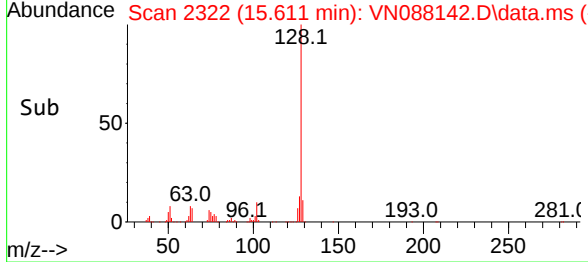
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBSD02



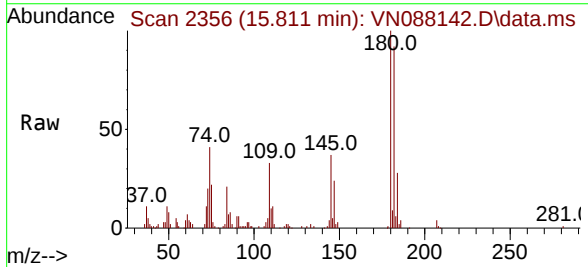
Tgt Ion:128 Resp: 340968
Ion Ratio Lower Upper
128 100
127 12.8 10.6 15.8
129 10.6 8.6 12.8

Manual Integrations
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Reviewed By :John Carlone 10/29/2025
Supervised By :Semsettin Yesilyurt 10/29/2025



#96
1,2,3-Trichlorobenzene
Concen: 18.683 ug/l
RT: 15.811 min Scan# 2356
Delta R.T. -0.000 min
Lab File: VN088142.D
Acq: 28 Oct 2025 16:03



Tgt Ion:180 Resp: 92395
Ion Ratio Lower Upper
180 100
182 94.6 46.8 140.3
145 35.3 17.3 52.0

