

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102825\
 Data File : VN088131.D
 Acq On : 28 Oct 2025 12:14
 Operator : JC\MD
 Sample : VN1028WBS02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1028WBS02

Quant Time: Oct 29 02:19:17 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

Manual Integrations
 APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	8.206	168	325166	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	590689	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	518318	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	257534	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	273190	48.586	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	97.180%		
35) Dibromofluoromethane	8.147	113	189017	47.632	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.260%		
50) Toluene-d8	10.547	98	712359	46.588	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	93.180%		
62) 4-Bromofluorobenzene	12.829	95	258768	47.920	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	95.840%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.142	85	77690	21.181	ug/l	99
3) Chloromethane	2.383	50	85838	19.893	ug/l	95
4) Vinyl Chloride	2.536	62	98275	20.902	ug/l	96
5) Bromomethane	2.977	94	51181	18.200	ug/l	100
6) Chloroethane	3.136	64	61088	18.034	ug/l	98
7) Trichlorofluoromethane	3.512	101	148941	19.862	ug/l	98
8) Diethyl Ether	3.959	74	53342	19.139	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.365	101	79588	20.568	ug/l	97
10) Methyl Iodide	4.583	142	65792	20.000	ug/l	95
11) Tert butyl alcohol	5.530	59	111178	114.772	ug/l	99
12) 1,1-Dichloroethene	4.336	96	77317	18.918	ug/l	96
13) Acrolein	4.171	56	114071	104.690	ug/l	99
14) Allyl chloride	5.018	41	147339	20.568	ug/l	98
15) Acrylonitrile	5.700	53	284665	107.883	ug/l	98
16) Acetone	4.424	43	295453	104.592	ug/l	99
17) Carbon Disulfide	4.706	76	239613	19.287	ug/l	96
18) Methyl Acetate	5.024	43	127029	21.965	ug/l	99
19) Methyl tert-butyl Ether	5.783	73	318362	21.211	ug/l	96
20) Methylene Chloride	5.259	84	95365	22.128	ug/l	96
21) trans-1,2-Dichloroethene	5.771	96	88610	19.752	ug/l	98
22) Diisopropyl ether	6.659	45	325063	21.577	ug/l	99
23) Vinyl Acetate	6.588	43	1478290	108.934	ug/l	98
24) 1,1-Dichloroethane	6.547	63	180290	21.604	ug/l	96
25) 2-Butanone	7.471	43	403726	108.450	ug/l	99
26) 2,2-Dichloropropane	7.477	77	160728	21.194	ug/l	98
27) cis-1,2-Dichloroethene	7.471	96	104108	20.159	ug/l	91
28) Bromochloromethane	7.794	49	71770	18.201	ug/l	97
29) Tetrahydrofuran	7.824	42	260635	107.430	ug/l	98
30) Chloroform	7.947	83	177987	21.349	ug/l	98
31) Cyclohexane	8.235	56	166823	21.195	ug/l	99
32) 1,1,1-Trichloroethane	8.147	97	157809	21.253	ug/l	95
36) 1,1-Dichloropropene	8.359	75	129330	22.321	ug/l	99
37) Ethyl Acetate	7.547	43	153324	20.505	ug/l	97
38) Carbon Tetrachloride	8.341	117	133965	22.386	ug/l	99
39) Methylcyclohexane	9.577	83	155944	20.939	ug/l	98
40) Benzene	8.588	78	382335	21.667	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.765	41	79477	20.195	ug/l	94
42) 1,2-Dichloroethane	8.653	62	148298	23.653	ug/l	98
43) Isopropyl Acetate	8.671	43	254024	22.109	ug/l	98
44) Trichloroethene	9.335	130	87325	21.172	ug/l	94
45) 1,2-Dichloropropane	9.606	63	97153	21.808	ug/l	94
46) Dibromomethane	9.688	93	70617	22.226	ug/l	98
47) Bromodichloromethane	9.871	83	141673	22.272	ug/l	95
48) Methyl methacrylate	9.665	41	118598	22.358	ug/l	98
49) 1,4-Dioxane	9.682	88	32376	490.732	ug/l #	95
51) 4-Methyl-2-Pentanone	10.424	43	775284	114.061	ug/l	99
52) Toluene	10.612	92	234045	21.513	ug/l	97
53) t-1,3-Dichloropropene	10.818	75	144181	21.296	ug/l	100
54) cis-1,3-Dichloropropene	10.294	75	156786	21.824	ug/l	99
55) 1,1,2-Trichloroethane	10.994	97	89511	21.686	ug/l	95
56) Ethyl methacrylate	10.859	69	141312	21.634	ug/l	98
57) 1,3-Dichloropropane	11.141	76	158867	21.898	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.141	63	348254	102.500	ug/l	99
59) 2-Hexanone	11.176	43	505757	112.165	ug/l	97
60) Dibromochloromethane	11.341	129	97503	20.783	ug/l	100
61) 1,2-Dibromoethane	11.447	107	90122	21.216	ug/l	100
64) Tetrachloroethene	11.082	164	70978	20.760	ug/l	93
65) Chlorobenzene	11.871	112	249179	21.172	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.935	131	84133	21.819	ug/l	97
67) Ethyl Benzene	11.941	91	454481	21.999	ug/l	99
68) m/p-Xylenes	12.053	106	334254	43.182	ug/l	100
69) o-Xylene	12.376	106	161967	22.073	ug/l	98
70) Styrene	12.394	104	263534	22.024	ug/l	97
71) Bromoform	12.559	173	60295	20.954	ug/l #	98
73) Isopropylbenzene	12.676	105	423716	21.332	ug/l	100
74) N-amyl acetate	12.600	43	106092m	18.815	ug/l	
75) 1,1,2,2-Tetrachloroethane	12.917	83	133928	21.657	ug/l	99
76) 1,2,3-Trichloropropane	12.970	75	115512m	19.618	ug/l	
77) Bromobenzene	12.959	156	93515	21.833	ug/l	98
78) n-propylbenzene	13.012	91	526032	21.701	ug/l	99
79) 2-Chlorotoluene	13.106	91	311766	22.553	ug/l	97
80) 1,3,5-Trimethylbenzene	13.153	105	360921	21.879	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.717	75	35250	16.700	ug/l #	94
82) 4-Chlorotoluene	13.200	91	326837	21.854	ug/l	98
83) tert-Butylbenzene	13.417	119	310595	21.077	ug/l	99
84) 1,2,4-Trimethylbenzene	13.459	105	363876	22.047	ug/l	99
85) sec-Butylbenzene	13.594	105	467526	21.594	ug/l	99
86) p-Isopropyltoluene	13.706	119	390138	22.463	ug/l	99
87) 1,3-Dichlorobenzene	13.712	146	184656	21.596	ug/l	99
88) 1,4-Dichlorobenzene	13.788	146	193366	21.055	ug/l	99
89) n-Butylbenzene	14.035	91	369331	21.468	ug/l	98
90) Hexachloroethane	14.312	117	67538	20.081	ug/l	97
91) 1,2-Dichlorobenzene	14.088	146	176669	21.434	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.700	75	30996	21.535	ug/l	91
93) 1,2,4-Trichlorobenzene	15.370	180	108720	21.780	ug/l	96
94) Hexachlorobutadiene	15.470	225	41569	22.362	ug/l	98
95) Naphthalene	15.617	128	355769	20.805	ug/l	98
96) 1,2,3-Trichlorobenzene	15.811	180	102773	21.473	ug/l	98

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ClientSampleId :
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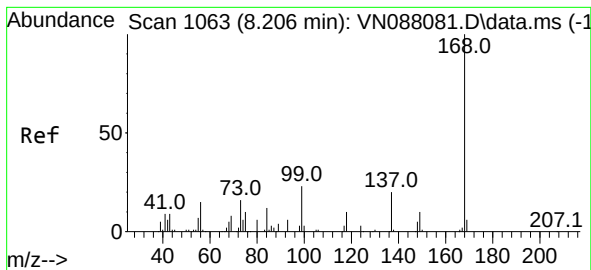
Manual Integrations
APPROVED

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Quant Title : SW846 8260
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Response via : Initial Calibration

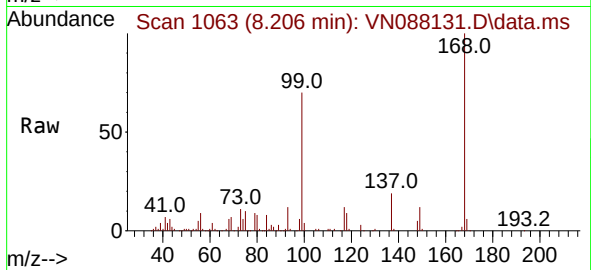
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. 0.000 min
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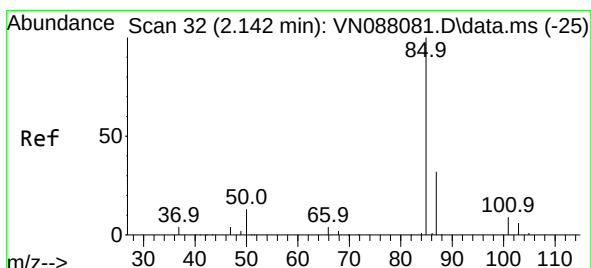
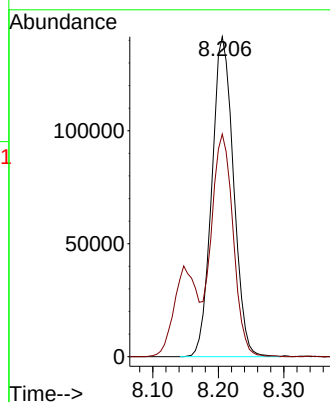
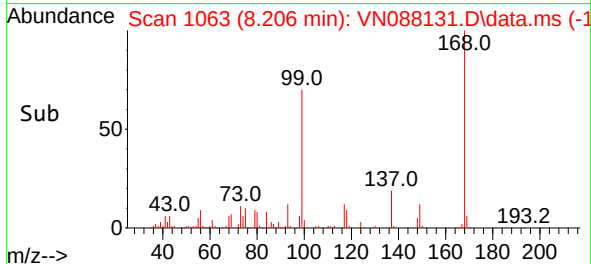
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBS02



Tgt Ion:168 Resp: 325160
Ion Ratio Lower Upper
168 100
99 69.4 57.2 85.8

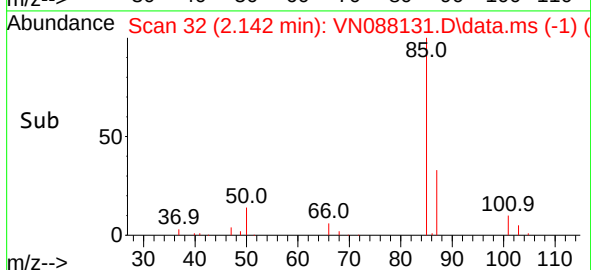
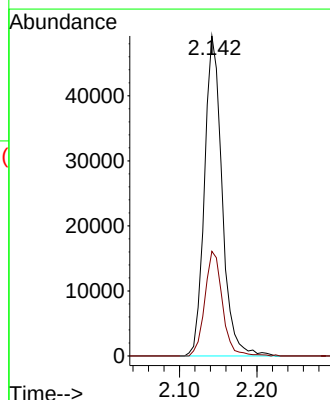
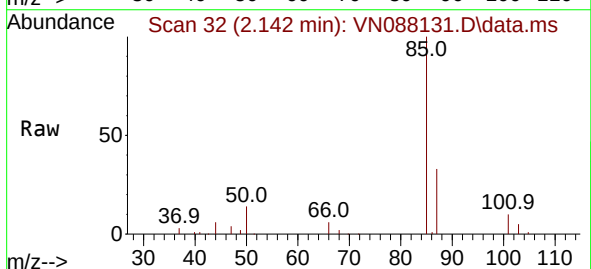
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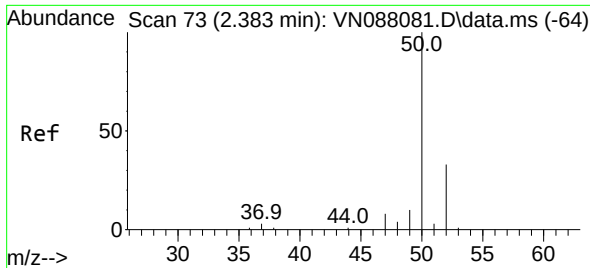
Reviewed By :John Carlone 10/29/2025
Supervised By :Semsettin Yesilyurt 10/29/2025



#2
Dichlorodifluoromethane
Concen: 21.181 ug/l
RT: 2.142 min Scan# 32
Delta R.T. -0.000 min
Lab File: VN088131.D
Acq: 28 Oct 2025 12:14

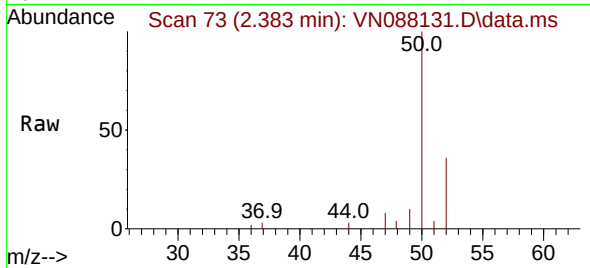
Tgt Ion: 85 Resp: 77690
Ion Ratio Lower Upper
85 100
87 32.7 16.6 49.8





#3
Chloromethane
Concen: 19.893 ug/l
RT: 2.383 min Scan# 71
Delta R.T. -0.000 min
Lab File: VN088131.D
Acq: 28 Oct 2025 12:14

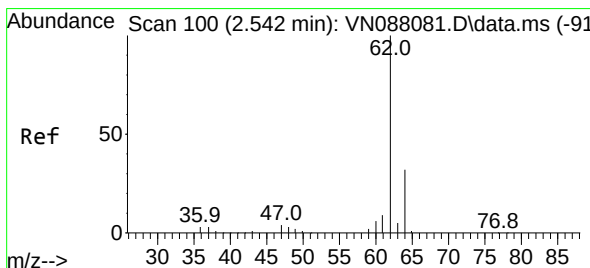
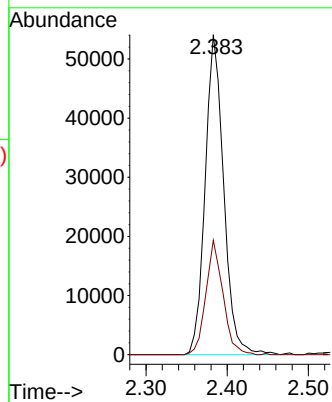
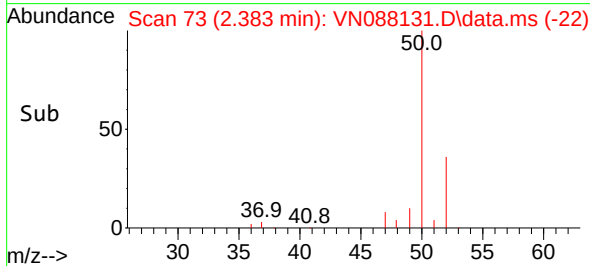
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Tgt Ion: 50 Resp: 85838
Ion Ratio Lower Upper
50 100
52 35.7 26.2 39.4

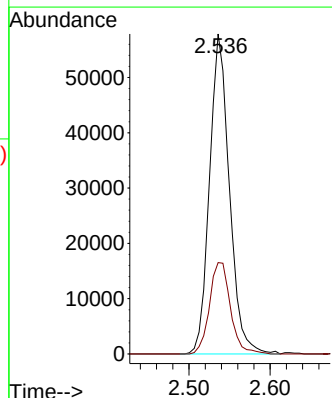
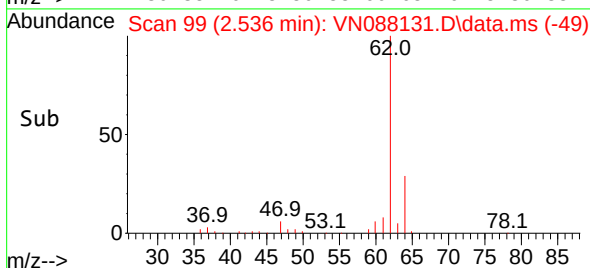
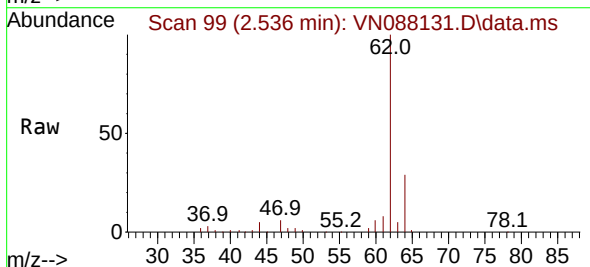
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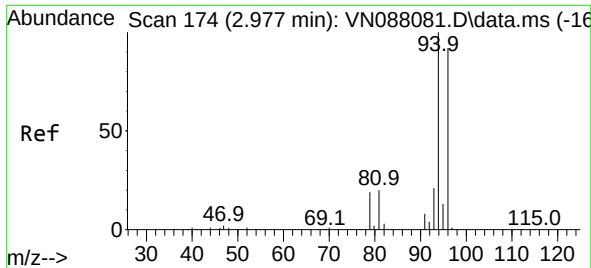
Reviewed By :John Carlone 10/29/2025
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#4
Vinyl Chloride
Concen: 20.902 ug/l
RT: 2.536 min Scan# 99
Delta R.T. -0.006 min
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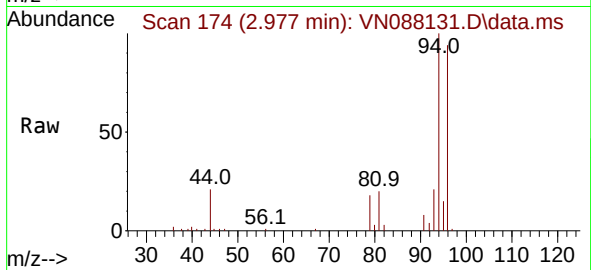
Tgt Ion: 62 Resp: 98275
Ion Ratio Lower Upper
62 100
64 28.6 24.6 37.0





#5
Bromomethane
Concen: 18.200 ug/l
RT: 2.977 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN088131.D
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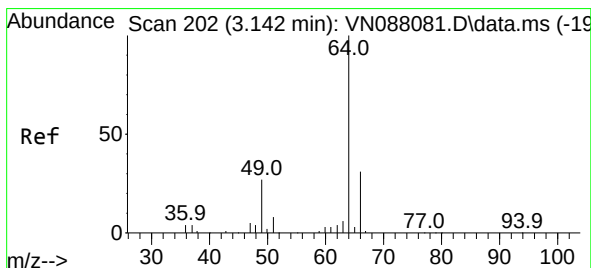
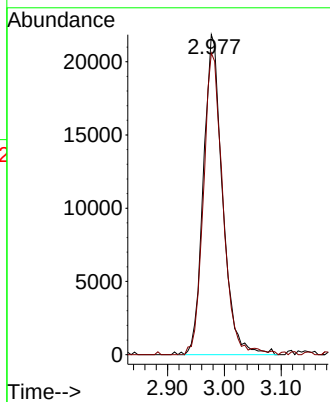
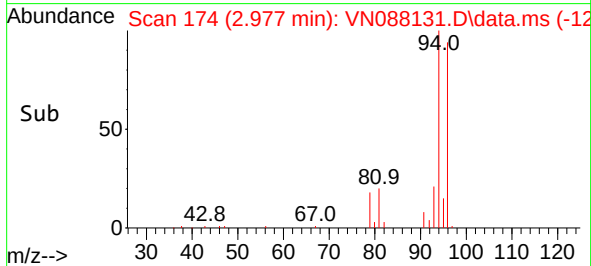
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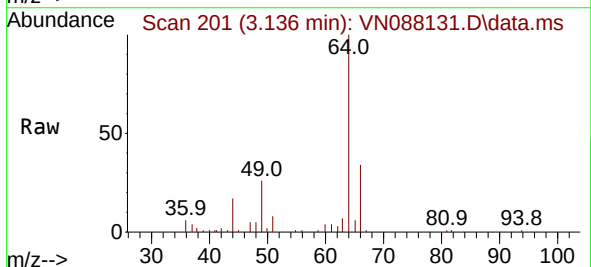
Tgt Ion: 94 Resp: 5118
Ion Ratio Lower Upper
94 100
96 94.3 75.4 113.2

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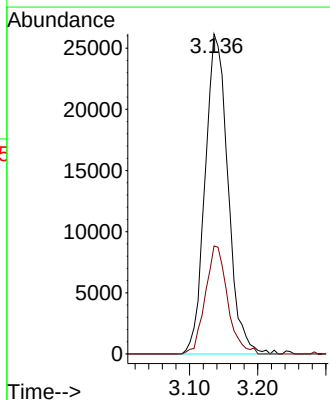
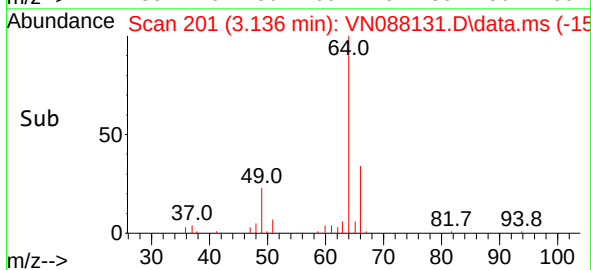
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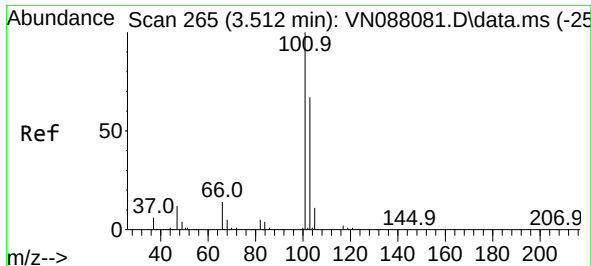


#6
Chloroethane
Concen: 18.034 ug/l
RT: 3.136 min Scan# 201
Delta R.T. -0.000 min
Lab File: VN088131.D
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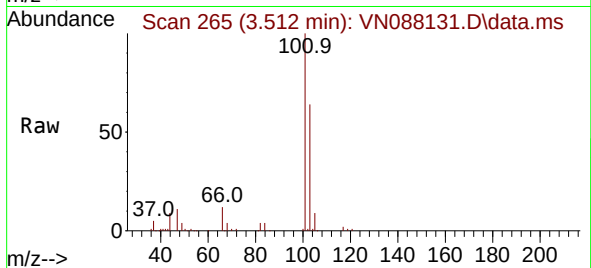
Tgt Ion: 64 Resp: 61088
Ion Ratio Lower Upper
64 100
66 33.7 26.2 39.2





#7
 Trichlorofluoromethane
 Concen: 19.862 ug/l
 RT: 3.512 min Scan# 265
 Delta R.T. -0.000 min
 Lab File: VN088131.D
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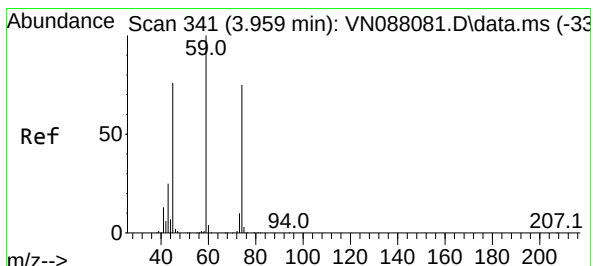
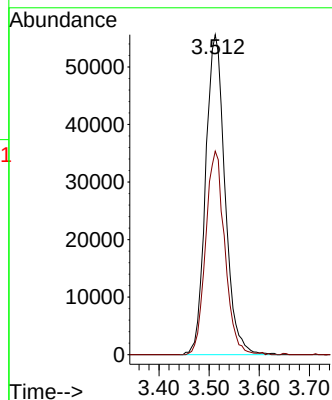
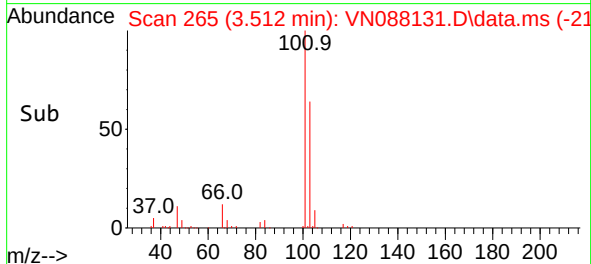
Instrument :
 MSVOA_N
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 VN1028WBS02



Tgt Ion:101 Resp: 14894
 Ion Ratio Lower Upper
 101 100
 103 63.6 49.4 74.0

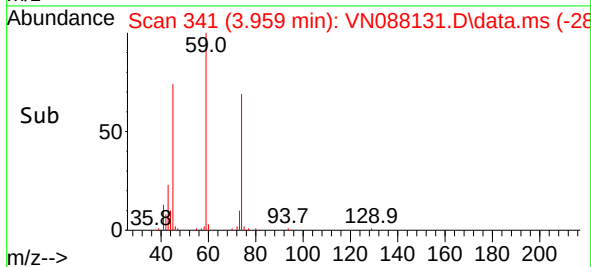
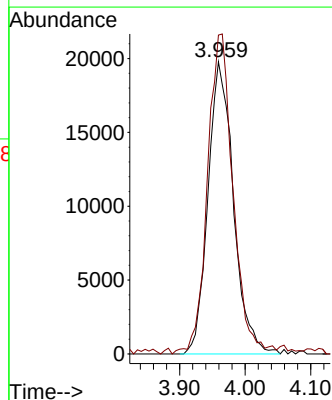
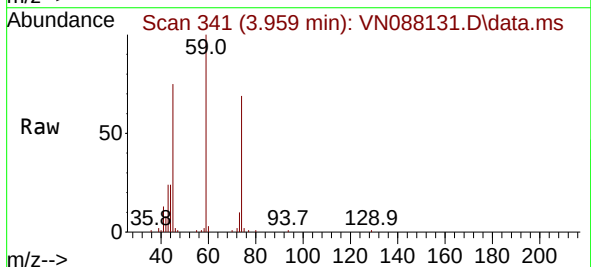
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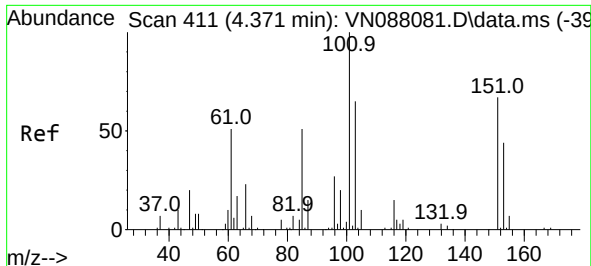
Reviewed By :John Carlone 10/29/2025
 Supervised By :Semsettin Yesilyurt 10/29/2025



#8
 Diethyl Ether
 Concen: 19.139 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.006 min
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Tgt Ion: 74 Resp: 53342
 Ion Ratio Lower Upper
 74 100
 45 109.9 50.6 151.9





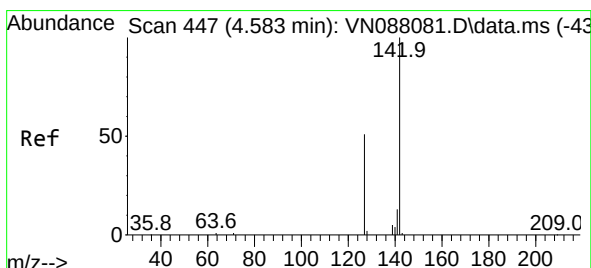
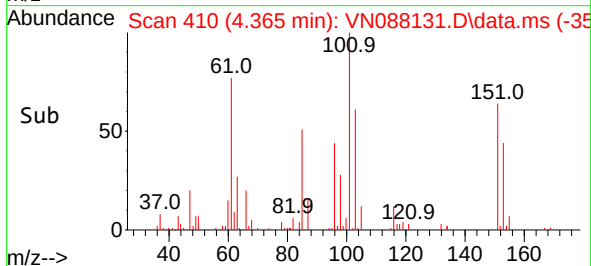
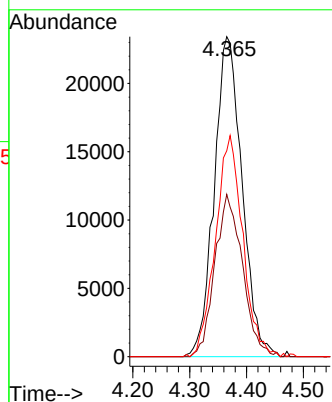
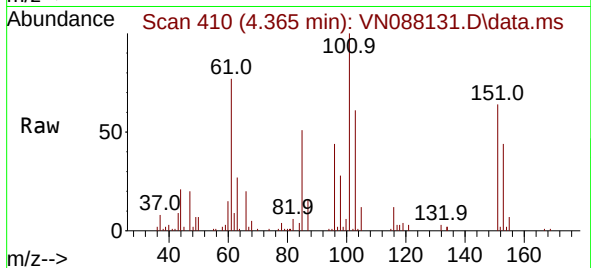
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.568 ug/l
RT: 4.365 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN088131.D
Acq: 28 Oct 2025 12:14

Instrument :
MSVOA_N
ClientSampleId :
VN1028WBS02

Tgt Ion:101 Resp: 7958
Ion Ratio Lower Upper
101 100
85 50.4 36.6 55.0
151 67.7 54.7 82.1

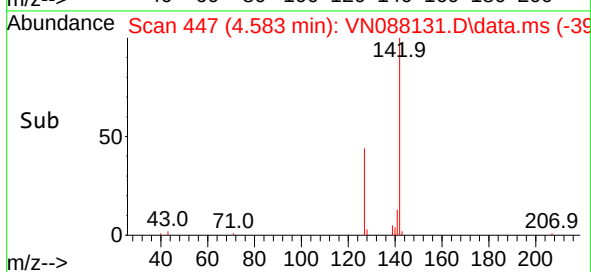
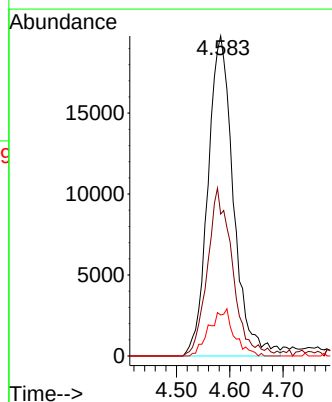
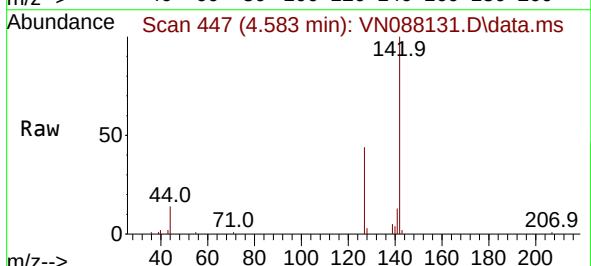
Manual Integrations
APPROVED

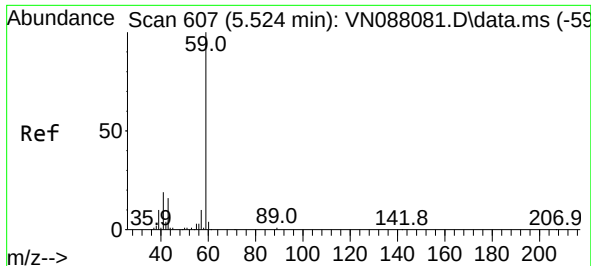
Reviewed By :John Carlone 10/29/2025
Supervised By :Semsettin Yesilyurt 10/29/2025



#10
Methyl Iodide
Concen: 20.000 ug/l
RT: 4.583 min Scan# 447
Delta R.T. 0.006 min
Lab File: VN088131.D
Acq: 28 Oct 2025 12:14

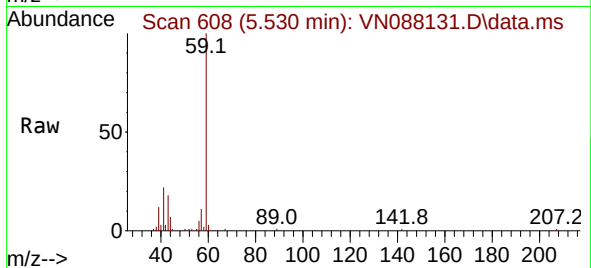
Tgt Ion:142 Resp: 65792
Ion Ratio Lower Upper
142 100
127 44.4 38.0 57.0
141 12.8 12.0 18.0





#11
Tert butyl alcohol
Concen: 114.772 ug/l
RT: 5.530 min Scan# 607
Delta R.T. 0.012 min
Lab File: VN088131.D
Acq: 28 Oct 2025 12:14

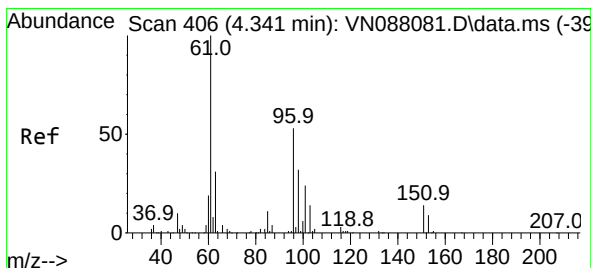
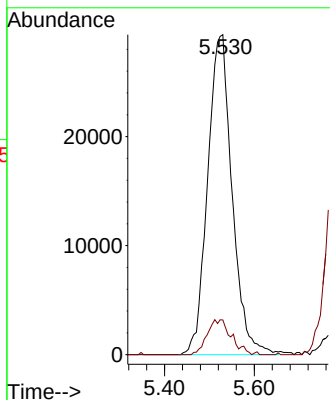
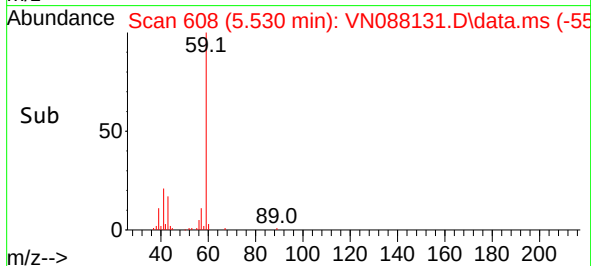
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBS02



Tgt Ion: 59 Resp: 111178
Ion Ratio Lower Upper
59 100
57 10.7 9.0 13.4

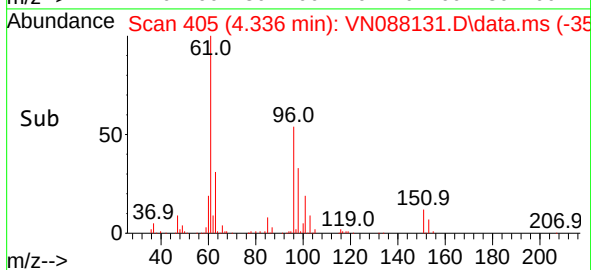
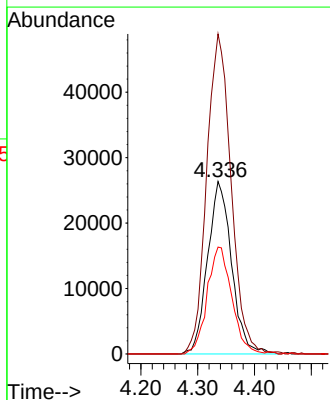
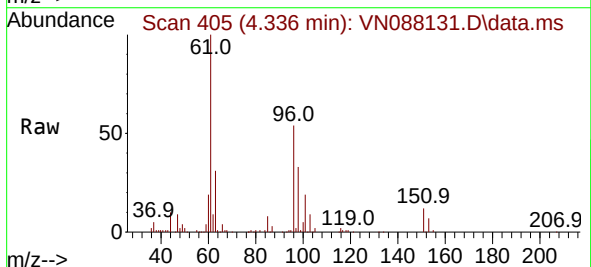
Manual Integrations
APPROVED

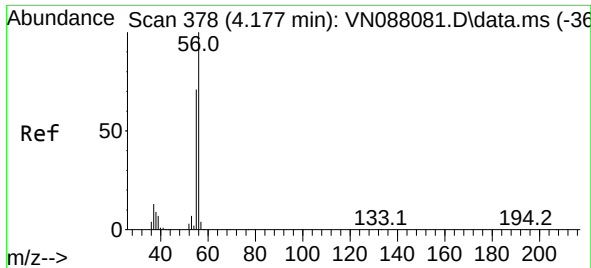
Reviewed By :John Carlone 10/29/2025
Supervised By :Semsettin Yesilyurt 10/29/2025



#12
1,1-Dichloroethene
Concen: 18.918 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.000 min
Lab File: VN088131.D
Acq: 28 Oct 2025 12:14

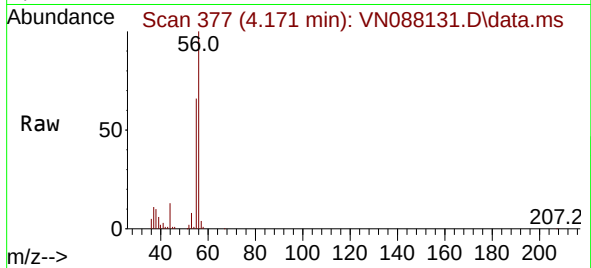
Tgt Ion: 96 Resp: 77317
Ion Ratio Lower Upper
96 100
61 185.5 143.8 215.8
98 62.0 52.1 78.1





#13
Acrolein
Concen: 104.690 ug/l
RT: 4.171 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN088131.D
Acq: 28 Oct 2025 12:14

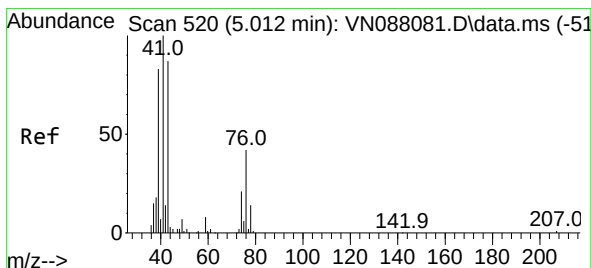
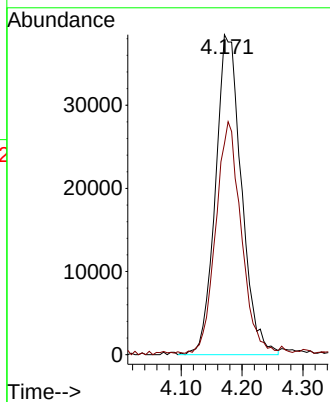
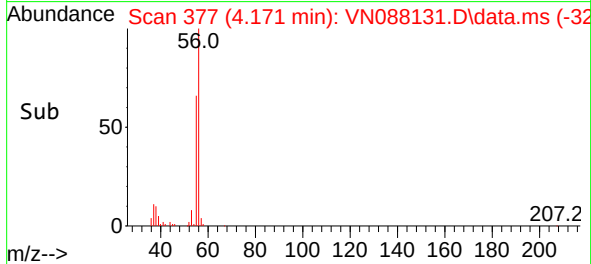
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBS02



Tgt Ion: 56 Resp: 11407
Ion Ratio Lower Upper
56 100
55 70.6 57.3 85.9

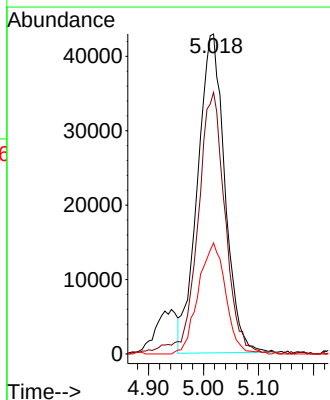
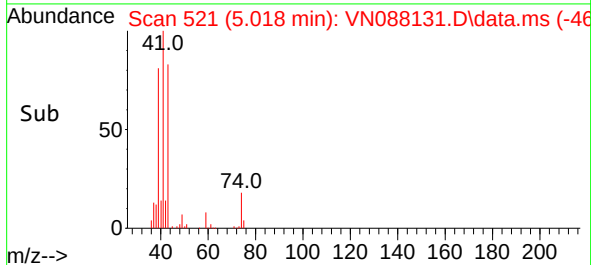
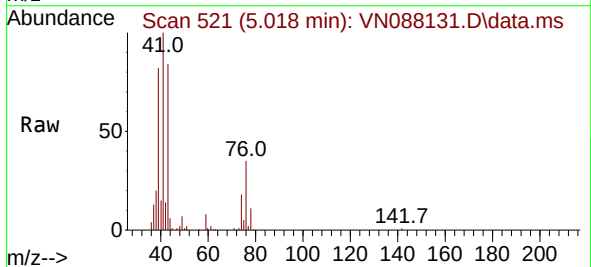
Manual Integrations
APPROVED

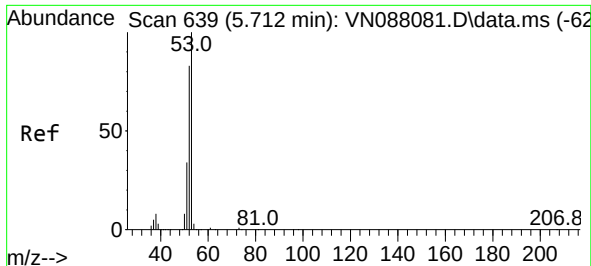
Reviewed By :John Carlone 10/29/2025
Supervised By :Semsettin Yesilyurt 10/29/2025



#14
Allyl chloride
Concen: 20.568 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.012 min
Lab File: VN088131.D
Acq: 28 Oct 2025 12:14

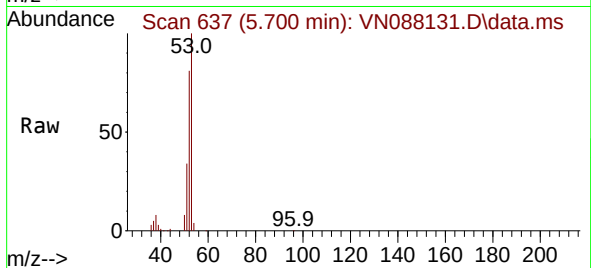
Tgt Ion: 41 Resp: 147339
Ion Ratio Lower Upper
41 100
39 82.5 63.9 95.9
76 35.1 28.1 42.1





#15
Acrylonitrile
Concen: 107.883 ug/l
RT: 5.700 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN088131.D
Acq: 28 Oct 2025 12:14

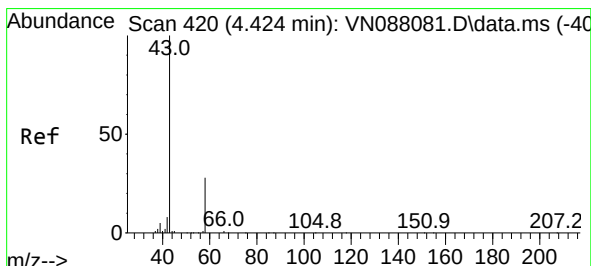
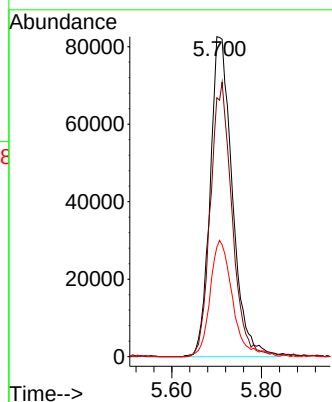
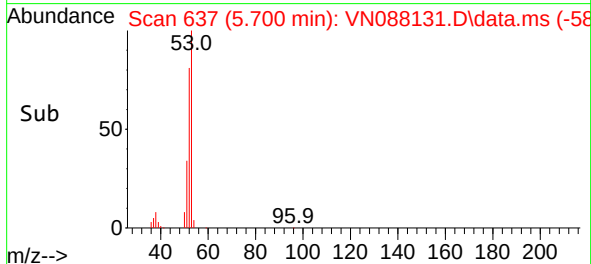
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBS02



Tgt Ion: 53 Resp: 28466
Ion Ratio Lower Upper
53 100
52 83.4 67.6 101.4
51 35.9 30.1 45.1

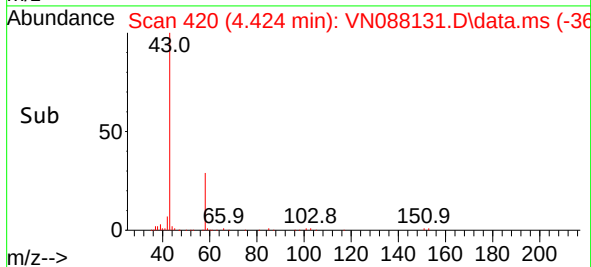
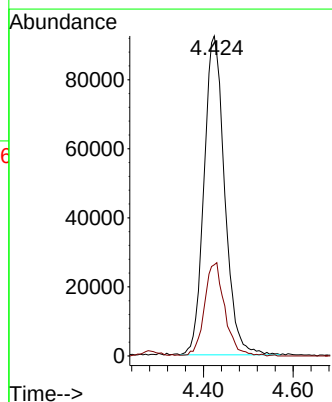
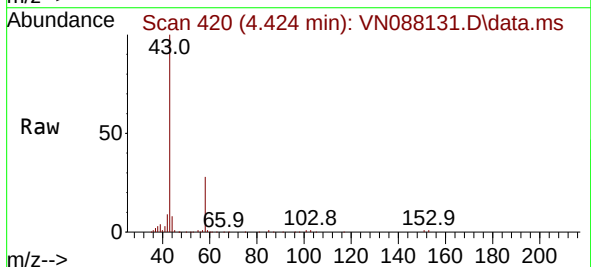
Manual Integrations
APPROVED

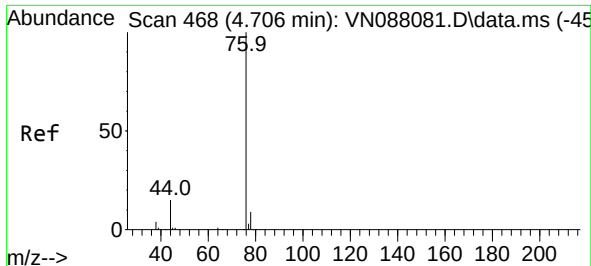
Reviewed By :John Carlone 10/29/2025
Supervised By :Semsettin Yesilyurt 10/29/2025



#16
Acetone
Concen: 104.592 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN088131.D
Acq: 28 Oct 2025 12:14

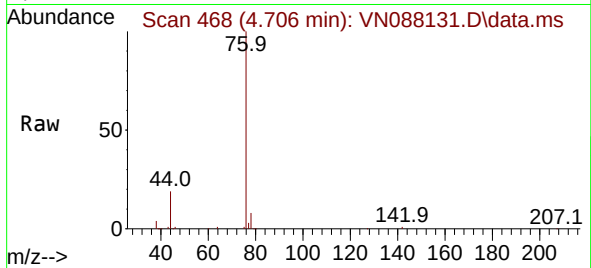
Tgt Ion: 43 Resp: 295453
Ion Ratio Lower Upper
43 100
58 28.6 22.6 33.8





#17
Carbon Disulfide
Concen: 19.287 ug/l
RT: 4.706 min Scan# 468
Delta R.T. 0.006 min
Lab File: VN088131.D
Acq: 28 Oct 2025 12:14

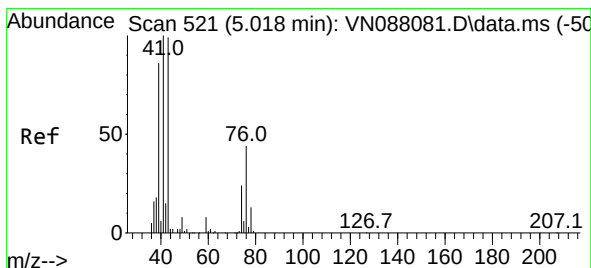
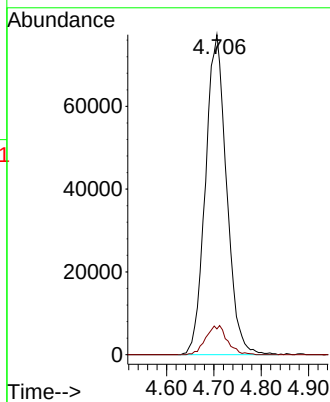
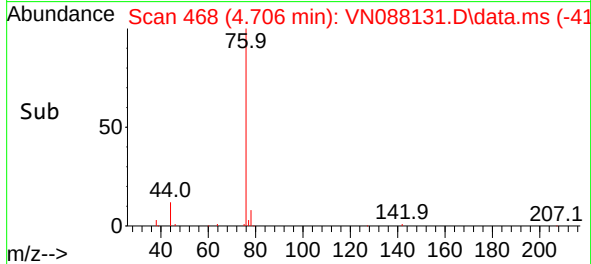
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBS02



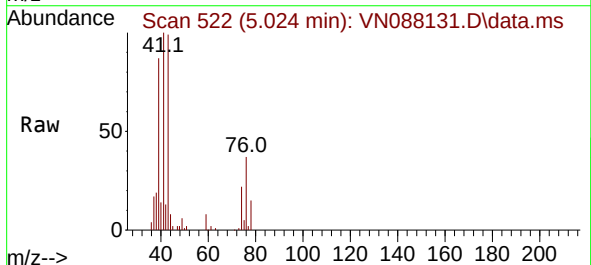
Tgt Ion: 76 Resp: 23961
Ion Ratio Lower Upper
76 100
78 8.1 7.6 11.4

Manual Integrations
APPROVED

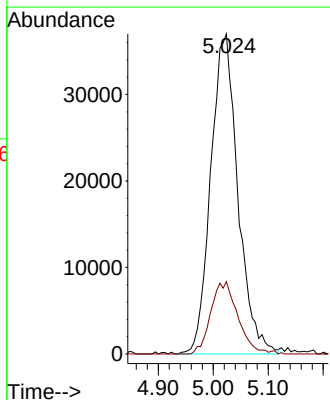
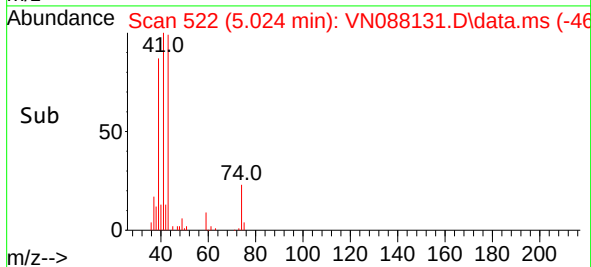
Reviewed By :John Carlone 10/29/2025
Supervised By :Semsettin Yesilyurt 10/29/2025

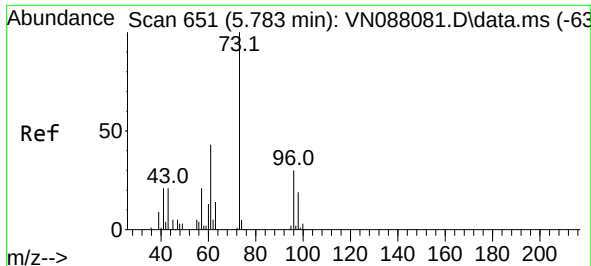


#18
Methyl Acetate
Concen: 21.965 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.012 min
Lab File: VN088131.D
Acq: 28 Oct 2025 12:14



Tgt Ion: 43 Resp: 127029
Ion Ratio Lower Upper
43 100
74 22.6 17.6 26.4





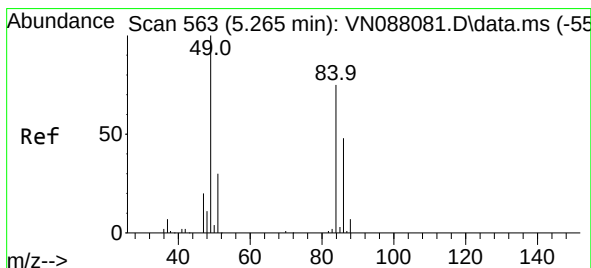
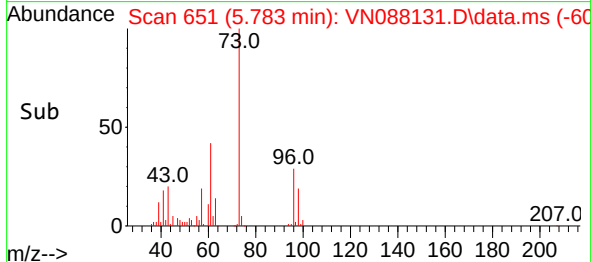
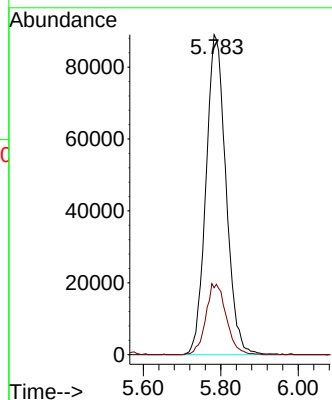
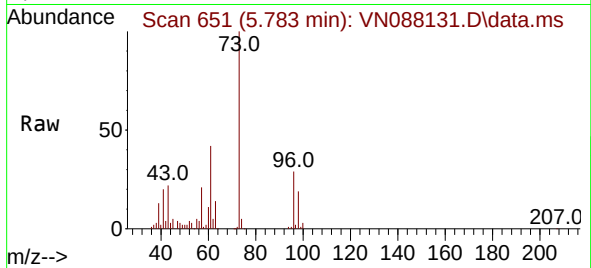
#19
Methyl tert-butyl Ether
Concen: 21.211 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN088131.D
Acq: 28 Oct 2025 12:14

Instrument :
MSVOA_N
ClientSampleId :
VN1028WBS02

Tgt Ion: 73 Resp: 31836
Ion Ratio Lower Upper
73 100
57 20.9 18.4 27.6

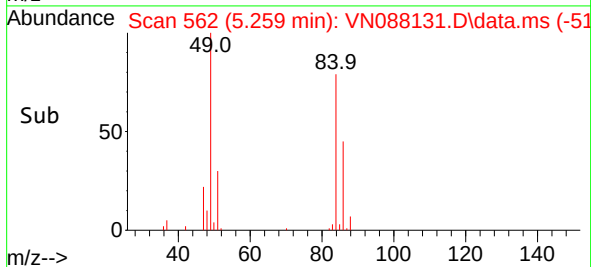
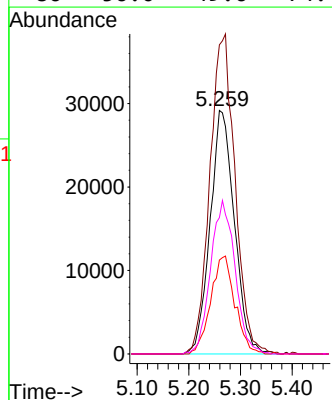
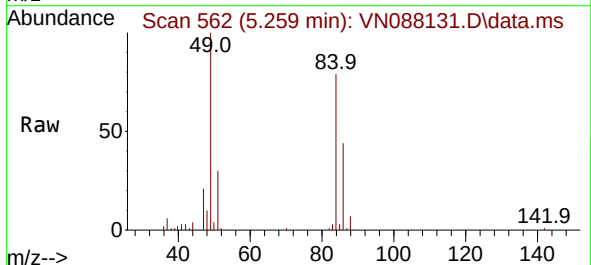
Manual Integrations
APPROVED

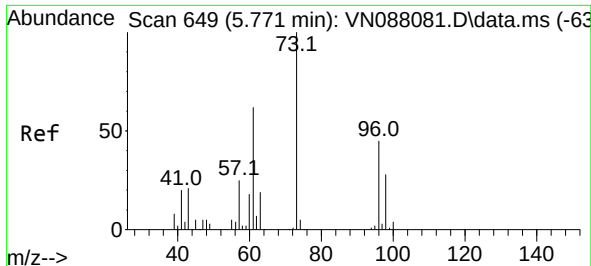
Reviewed By :John Carlone 10/29/2025
Supervised By :Semsettin Yesilyurt 10/29/2025



#20
Methylene Chloride
Concen: 22.128 ug/l
RT: 5.259 min Scan# 562
Delta R.T. -0.006 min
Lab File: VN088131.D
Acq: 28 Oct 2025 12:14

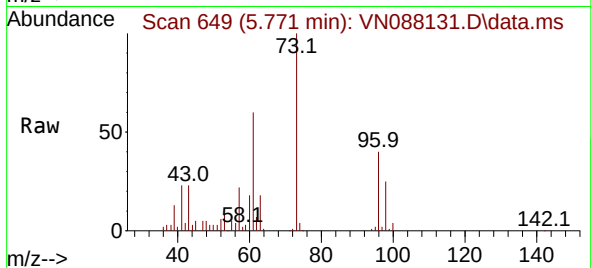
Tgt Ion: 84 Resp: 95365
Ion Ratio Lower Upper
84 100
49 127.0 103.4 155.2
51 38.6 33.8 50.8
86 56.0 49.6 74.4





#21
trans-1,2-Dichloroethene
Concen: 19.752 ug/l
RT: 5.771 min Scan# 649
Delta R.T. -0.006 min
Lab File: VN088131.D
Acq: 28 Oct 2025 12:14

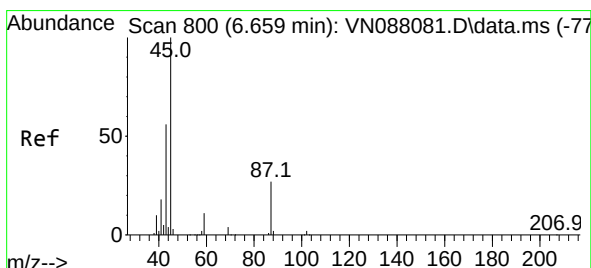
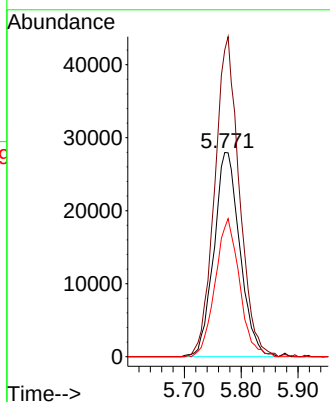
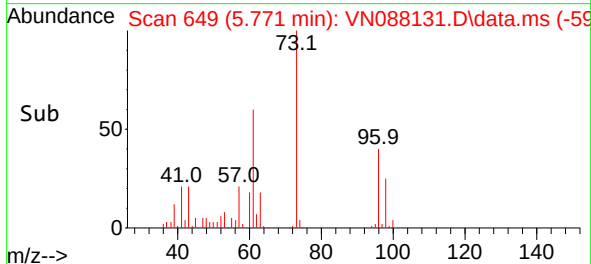
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBS02



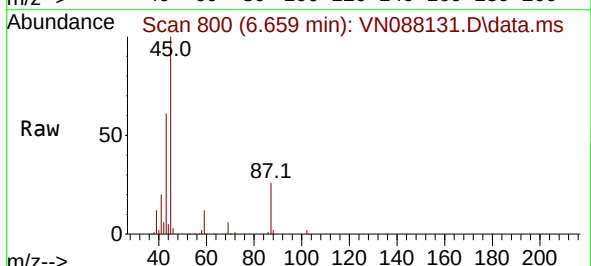
Tgt Ion: 96 Resp: 88610
Ion Ratio Lower Upper
96 100
61 150.3 118.0 177.0
98 63.2 50.0 75.0

Manual Integrations
APPROVED

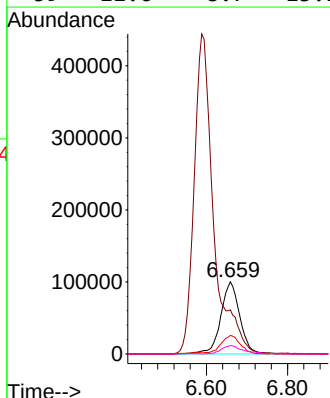
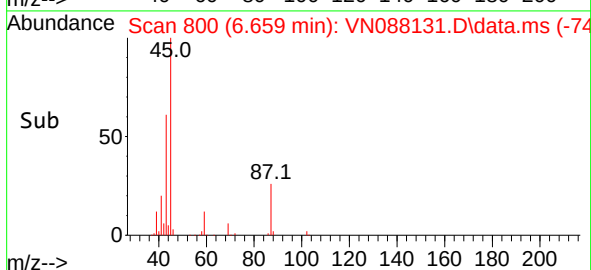
Reviewed By :John Carlone 10/29/2025
Supervised By :Semsettin Yesilyurt 10/29/2025

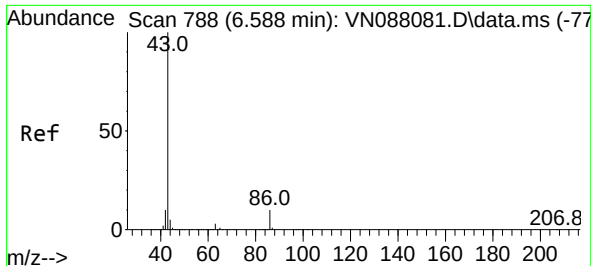


#22
Diisopropyl ether
Concen: 21.577 ug/l
RT: 6.659 min Scan# 800
Delta R.T. -0.000 min
Lab File: VN088131.D
Acq: 28 Oct 2025 12:14



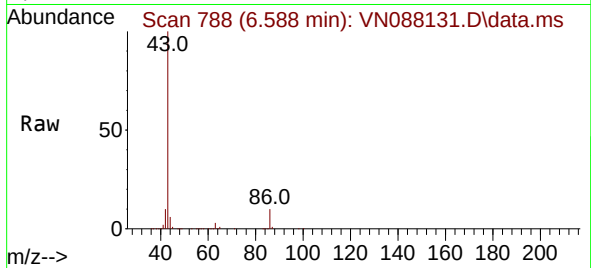
Tgt Ion: 45 Resp: 325063
Ion Ratio Lower Upper
45 100
43 60.3 47.7 71.5
87 25.6 21.4 32.0
59 11.6 8.7 13.1





#23
 Vinyl Acetate
 Concen: 108.934 ug/l
 RT: 6.588 min Scan# 788
 Delta R.T. -0.000 min
 Lab File: VN088131.D
 Acq: 28 Oct 2025 12:14

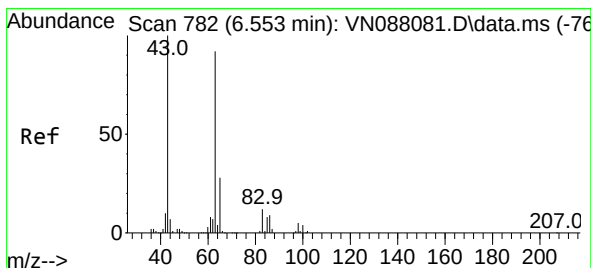
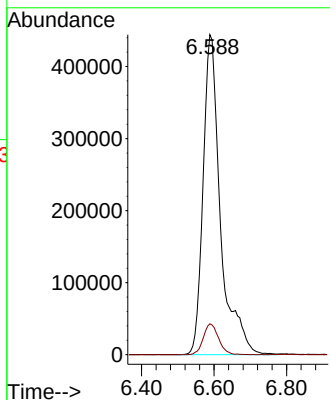
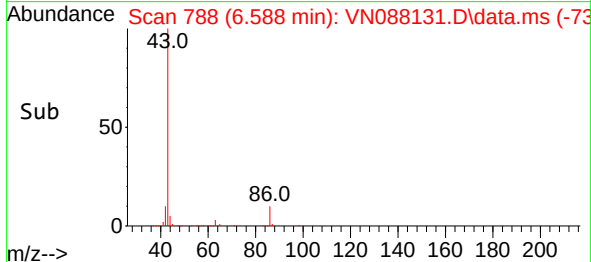
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1028WBS02



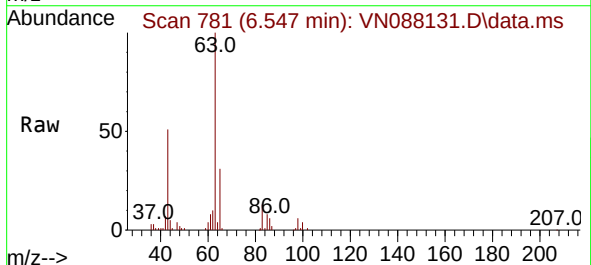
Tgt Ion: 43 Resp: 1478290
 Ion Ratio Lower Upper
 43 100
 86 9.7 8.2 12.4

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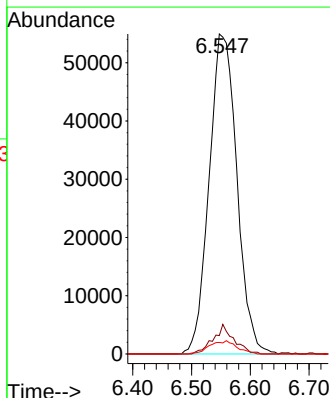
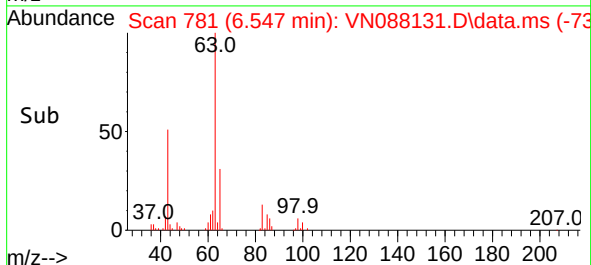
Reviewed By :John Carlone 10/29/2025
 Supervised By :Semsettin Yesilyurt 10/29/2025

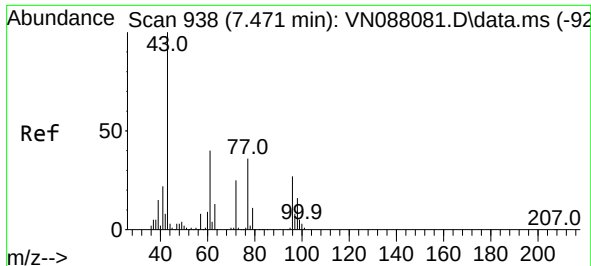


#24
 1,1-Dichloroethane
 Concen: 21.604 ug/l
 RT: 6.547 min Scan# 781
 Delta R.T. -0.000 min
 Lab File: VN088131.D
 Acq: 28 Oct 2025 12:14



Tgt Ion: 63 Resp: 180290
 Ion Ratio Lower Upper
 63 100
 98 5.8 3.8 11.4
 100 3.6 2.0 6.0





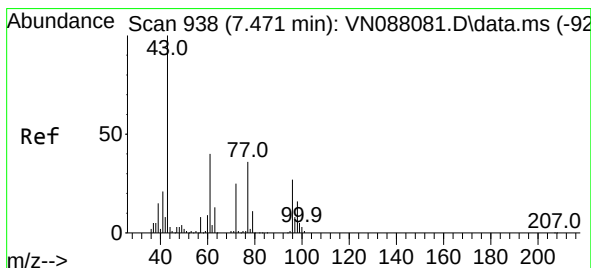
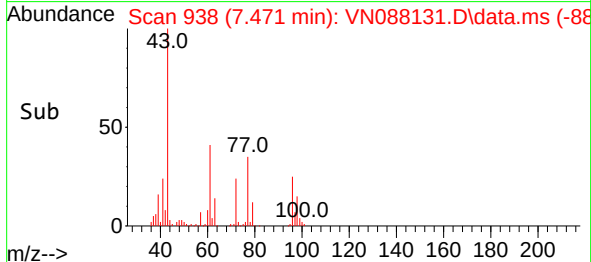
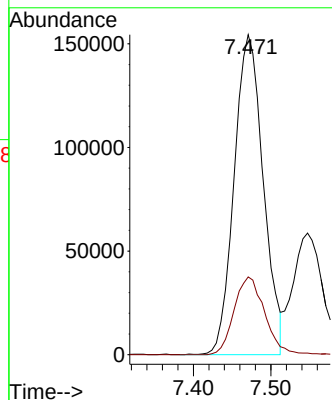
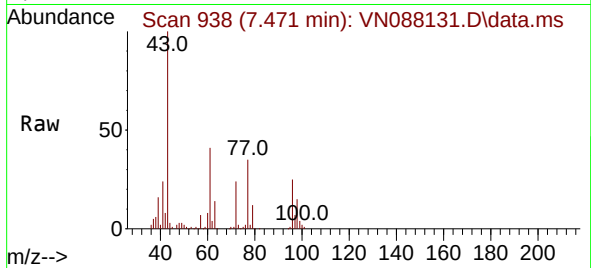
#25
2-Butanone
Concen: 108.450 ug/l
RT: 7.471 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN088131.D
Acq: 28 Oct 2025 12:14

Instrument :
MSVOA_N
Client Sample Id :
VN1028WBS02

Tgt Ion: 43 Resp: 403720
Ion Ratio Lower Upper
43 100
72 24.3 19.9 29.9

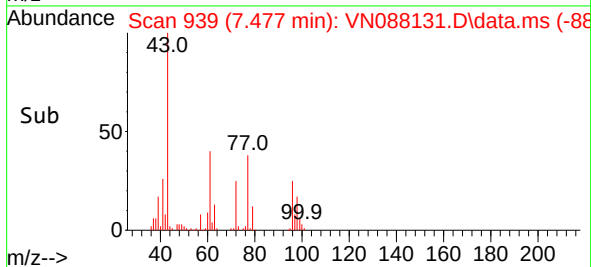
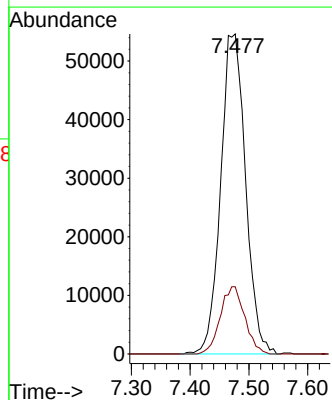
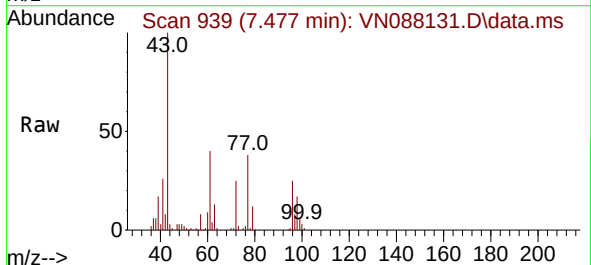
Manual Integrations
APPROVED

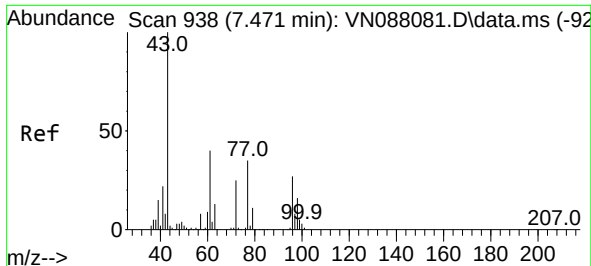
Reviewed By :John Carlone 10/29/2025
Supervised By :Semsettin Yesilyurt 10/29/2025



#26
2,2-Dichloropropane
Concen: 21.194 ug/l
RT: 7.477 min Scan# 939
Delta R.T. -0.000 min
Lab File: VN088131.D
Acq: 28 Oct 2025 12:14

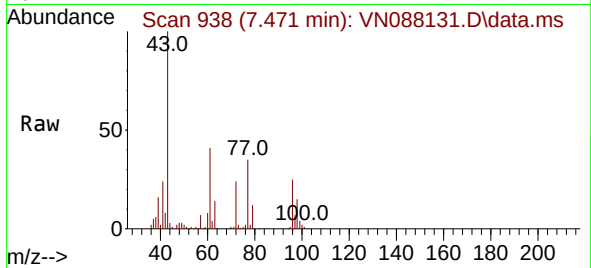
Tgt Ion: 77 Resp: 160728
Ion Ratio Lower Upper
77 100
97 20.6 10.9 32.7





#27
 cis-1,2-Dichloroethene
 Concen: 20.159 ug/l
 RT: 7.471 min Scan# 938
 Delta R.T. 0.006 min
 Lab File: VN088131.D
 Acq: 28 Oct 2025 12:14

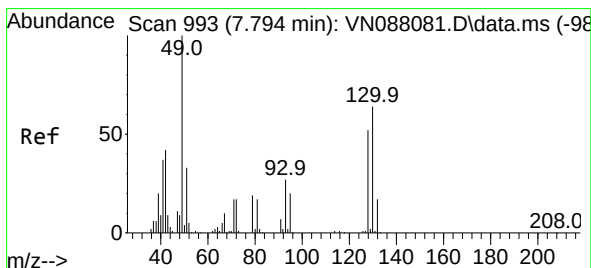
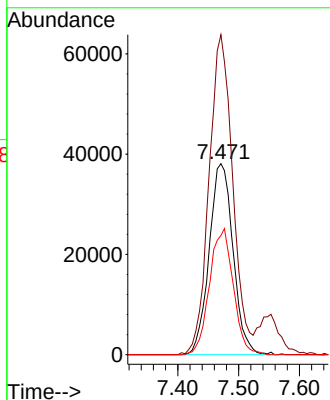
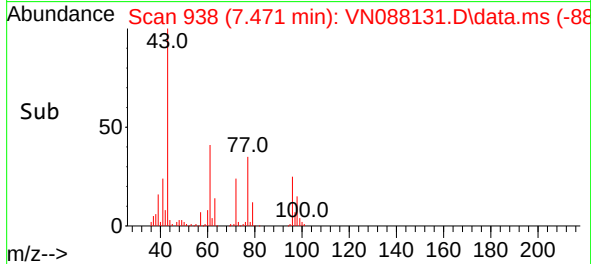
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1028WBS02



Tgt Ion: 96 Resp: 104108
 Ion Ratio Lower Upper
 96 100
 61 165.5 0.0 301.8
 98 65.4 0.0 126.2

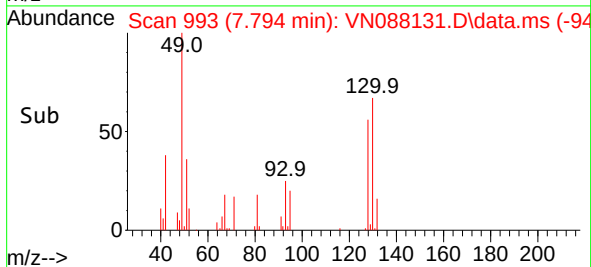
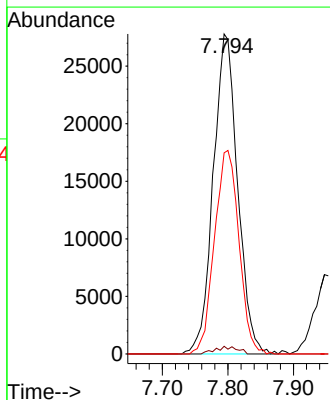
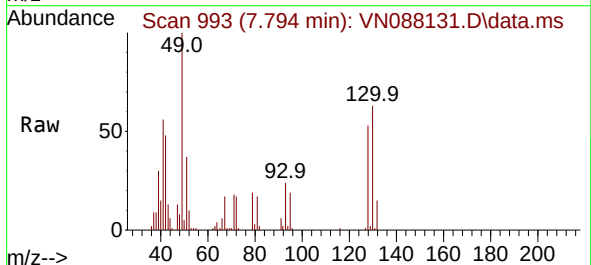
Manual Integrations
 APPROVED

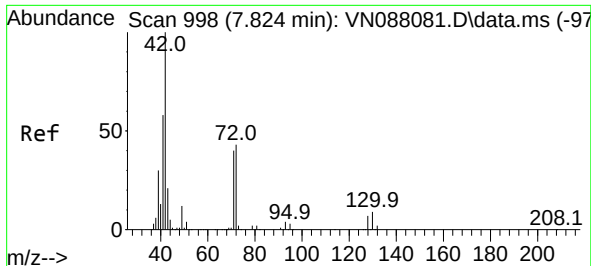
Reviewed By :John Carlone 10/29/2025
 Supervised By :Semsettin Yesilyurt 10/29/2025



#28
 Bromochloromethane
 Concen: 18.201 ug/l
 RT: 7.794 min Scan# 993
 Delta R.T. -0.006 min
 Lab File: VN088131.D
 Acq: 28 Oct 2025 12:14

Tgt Ion: 49 Resp: 71770
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 3.0
 130 63.8 53.1 79.7





#29

Tetrahydrofuran

Concen: 107.430 ug/l

RT: 7.824 min Scan# 998

Delta R.T. -0.000 min

Lab File: VN088131.D

Acq: 28 Oct 2025 12:14

Instrument :

MSVOA_N

ClientSampleId :

VN1028WBS02

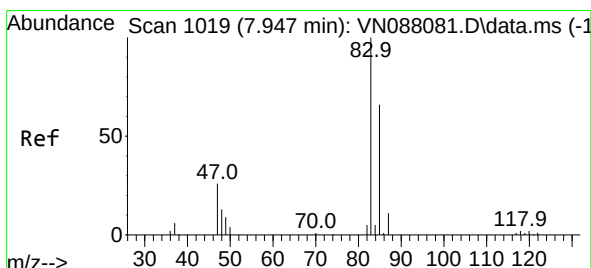
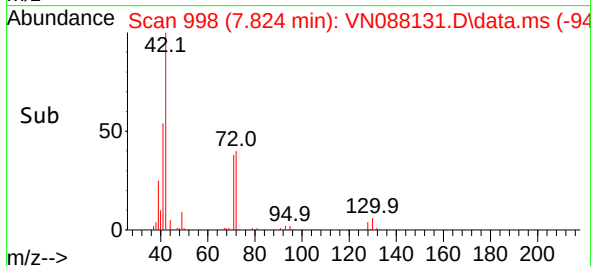
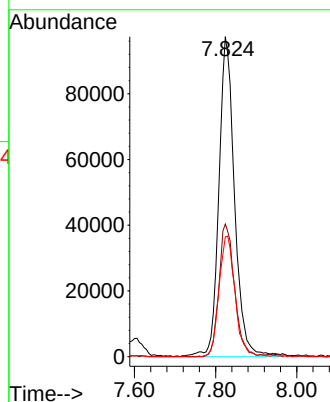
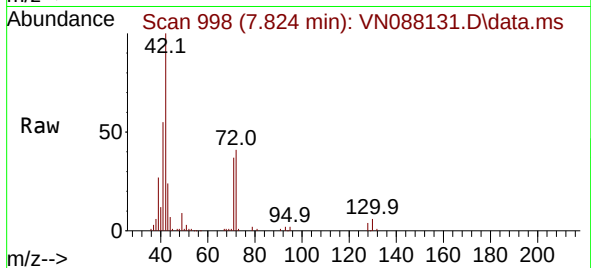
Tgt Ion: 42 Resp: 260635
 Ion Ratio Lower Upper
 42 100
 72 41.2 33.7 50.5
 71 38.3 31.9 47.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/29/2025

Supervised By :Semsettin Yesilyurt 10/29/2025



#30

Chloroform

Concen: 21.349 ug/l

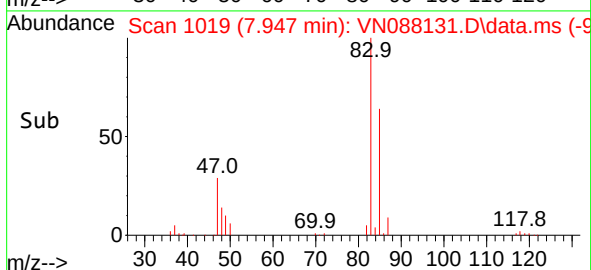
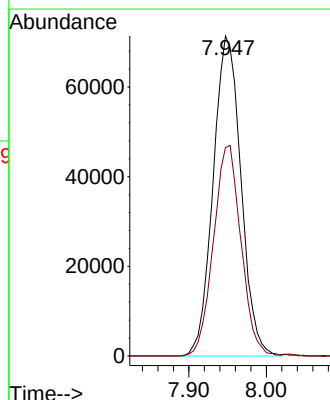
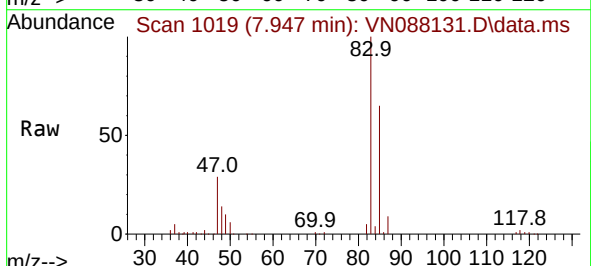
RT: 7.947 min Scan# 1019

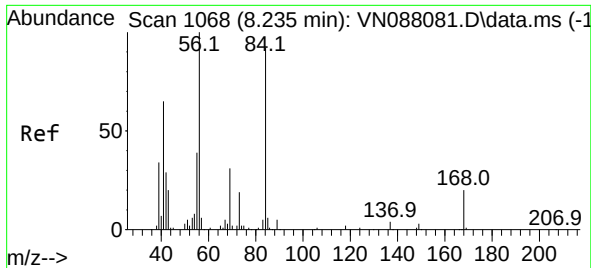
Delta R.T. -0.000 min

Lab File: VN088131.D

Acq: 28 Oct 2025 12:14

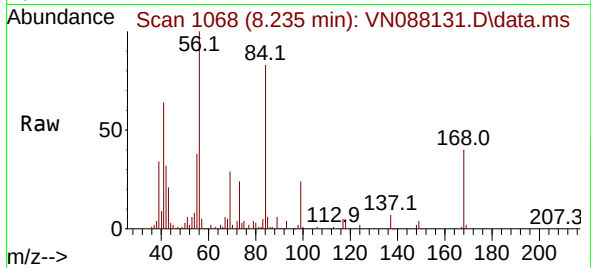
Tgt Ion: 83 Resp: 177987
 Ion Ratio Lower Upper
 83 100
 85 65.2 50.7 76.1





#31
Cyclohexane
Concen: 21.195 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VN088131.D
Acq: 28 Oct 2025 12:14

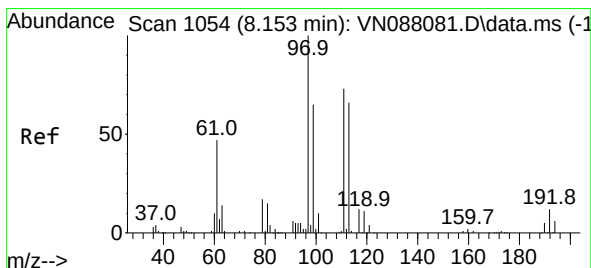
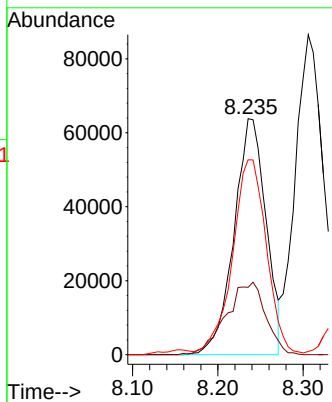
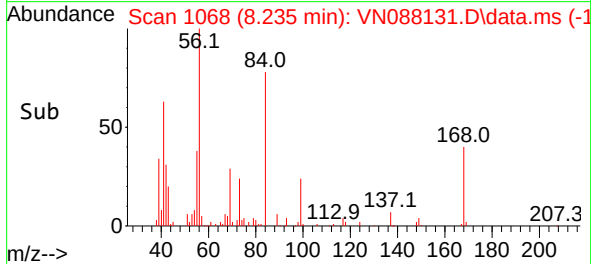
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBS02



Tgt Ion: 56 Resp: 16682
Ion Ratio Lower Upper
56 100
69 28.5 23.7 35.5
84 80.5 64.7 97.1

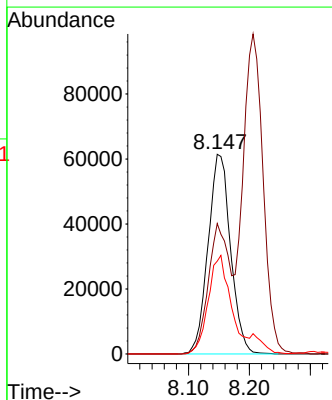
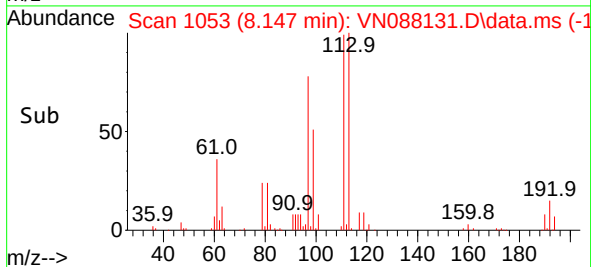
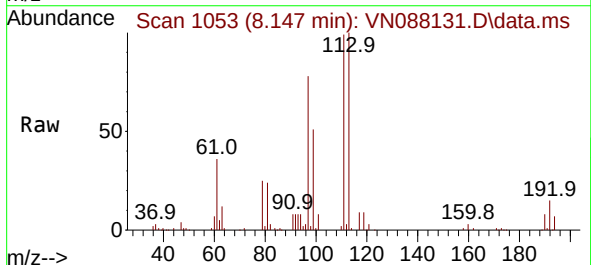
Manual Integrations
APPROVED

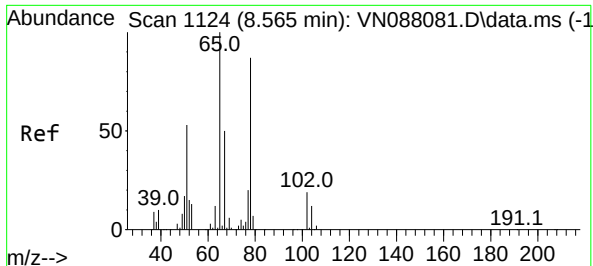
Reviewed By :John Carlone 10/29/2025
Supervised By :Semsettin Yesilyurt 10/29/2025



#32
1,1,1-Trichloroethane
Concen: 21.253 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VN088131.D
Acq: 28 Oct 2025 12:14

Tgt Ion: 97 Resp: 157809
Ion Ratio Lower Upper
97 100
99 59.5 52.2 78.2
61 50.4 41.2 61.8





#33

1,2-Dichloroethane-d4

Concen: 48.586 ug/l

RT: 8.559 min Scan# 1123

Delta R.T. -0.000 min

Lab File: VN088131.D

Acq: 28 Oct 2025 12:14

Instrument :

MSVOA_N

ClientSampleId :

VN1028WBS02

Tgt Ion: 65 Resp: 273190

Ion Ratio Lower Upper

65 100

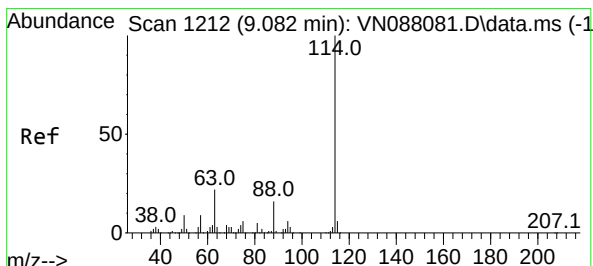
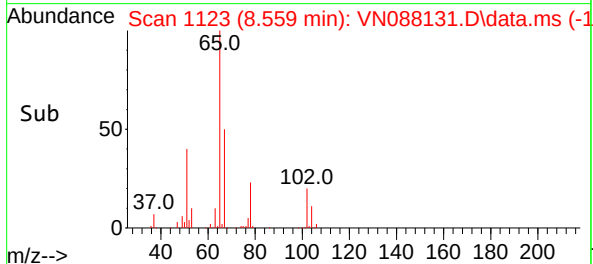
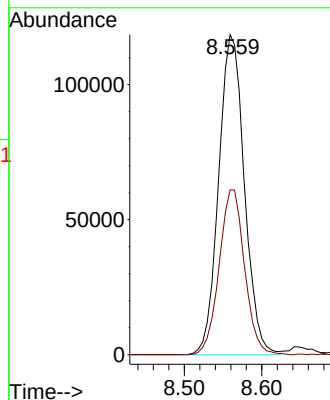
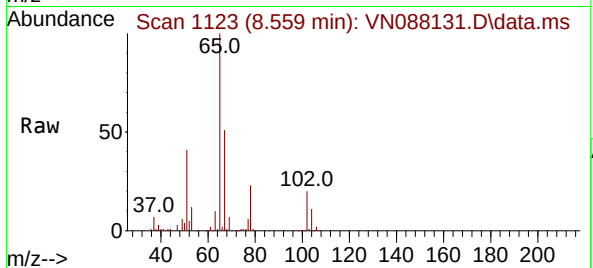
67 50.9 0.0 100.0

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: VN088131.D

Acq: 28 Oct 2025 12:14

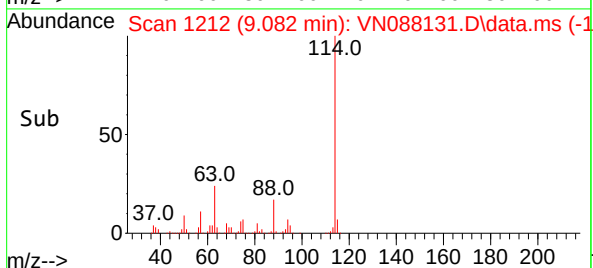
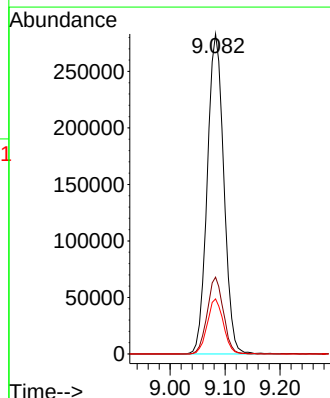
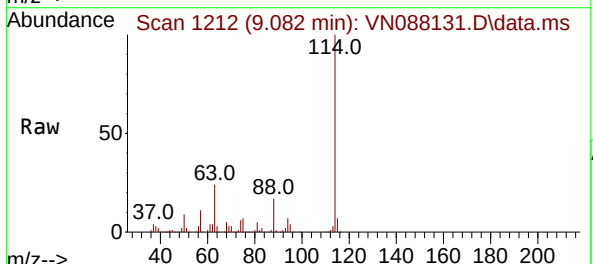
Tgt Ion:114 Resp: 590689

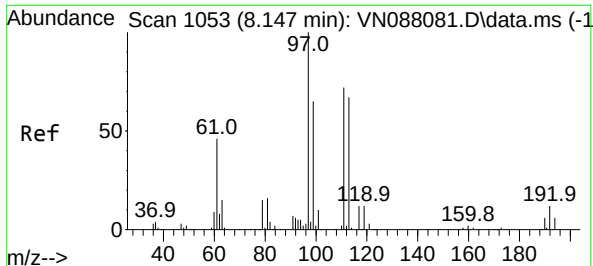
Ion Ratio Lower Upper

114 100

63 24.0 0.0 45.2

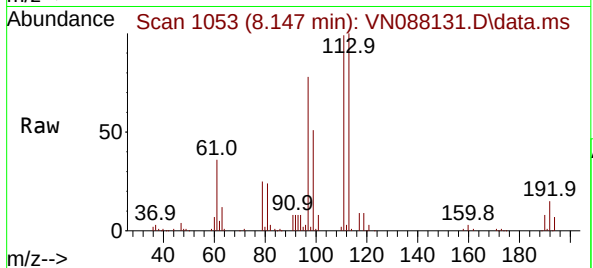
88 17.2 0.0 33.4





#35
Dibromofluoromethane
Concen: 47.632 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VN088131.D
Acq: 28 Oct 2025 12:14

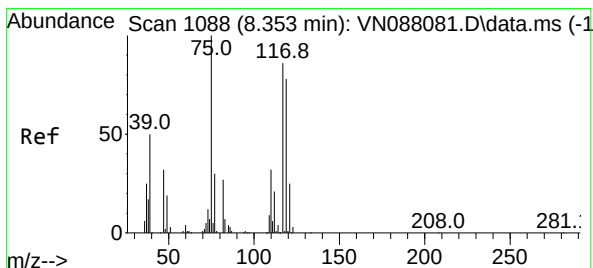
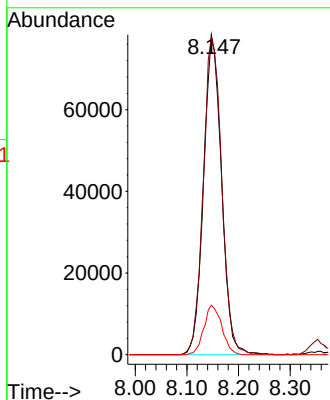
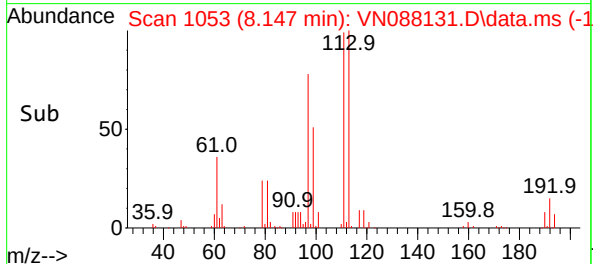
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBS02



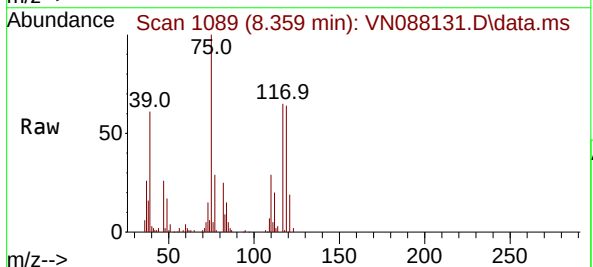
Tgt Ion: 113 Resp: 18901
Ion Ratio Lower Upper
113 100
111 102.1 82.8 124.2
192 15.4 12.8 19.2

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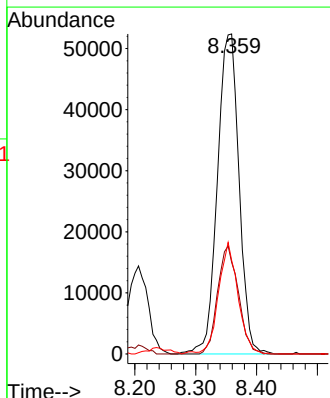
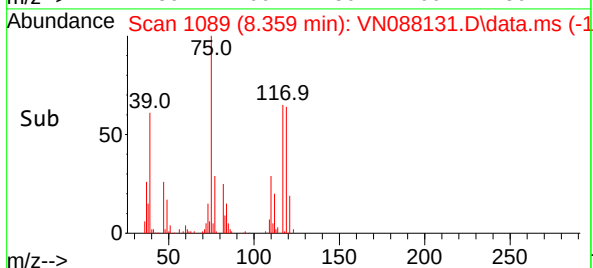
Reviewed By :John Carlone 10/29/2025
Supervised By :Semsettin Yesilyurt 10/29/2025

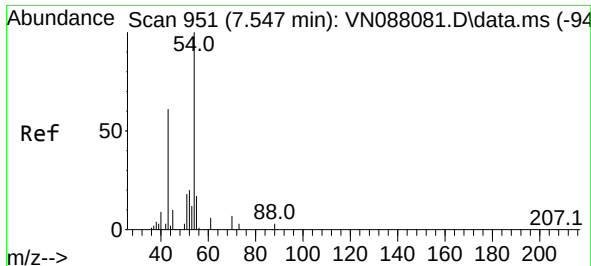


#36
1,1-Dichloropropene
Concen: 22.321 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. 0.006 min
Lab File: VN088131.D
Acq: 28 Oct 2025 12:14



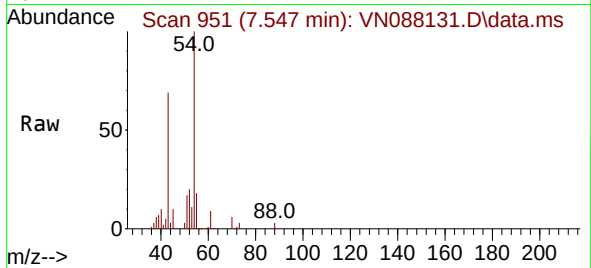
Tgt Ion: 75 Resp: 129330
Ion Ratio Lower Upper
75 100
110 32.3 15.9 47.6
77 31.4 24.4 36.6





#37
Ethyl Acetate
Concen: 20.505 ug/l
RT: 7.547 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN088131.D
Acq: 28 Oct 2025 12:14

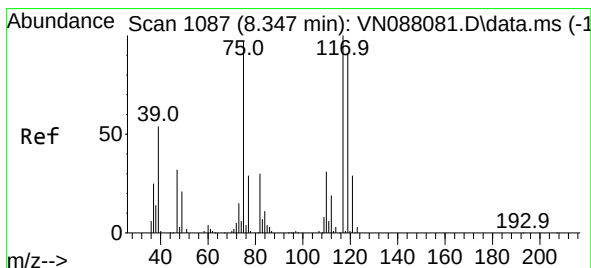
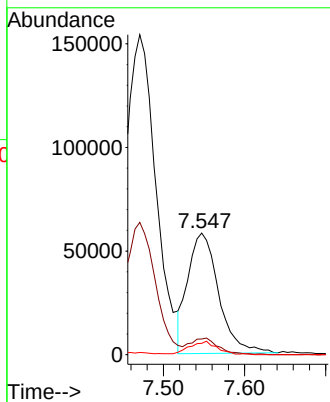
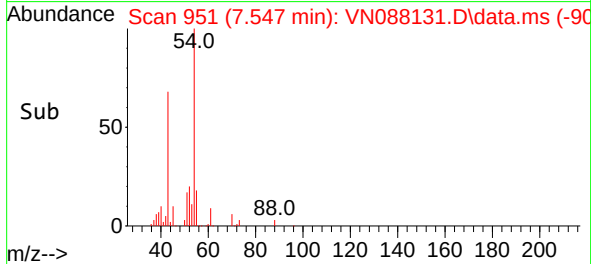
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBS02



Tgt Ion: 43 Resp: 153324
Ion Ratio Lower Upper
43 100
61 12.7 9.3 13.9
70 10.2 7.0 10.6

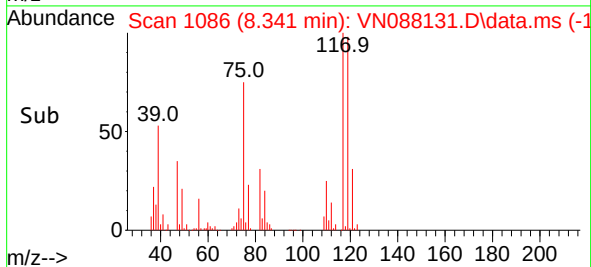
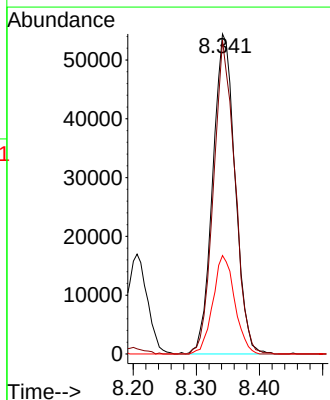
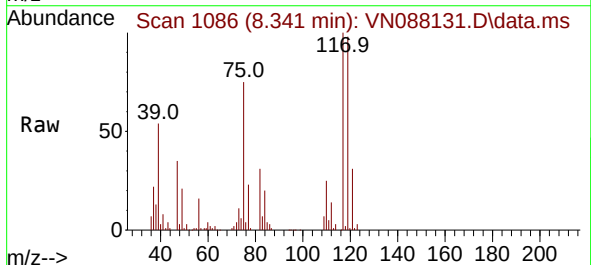
Manual Integrations
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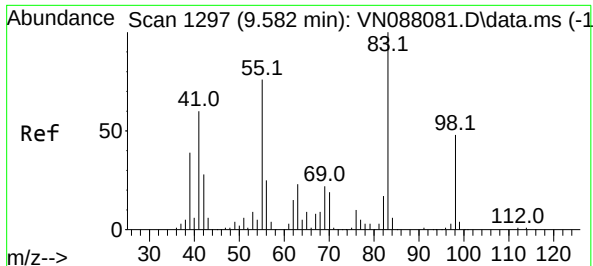
Reviewed By :John Carlone 10/29/2025
Supervised By :Semsettin Yesilyurt 10/29/2025



#38
Carbon Tetrachloride
Concen: 22.386 ug/l
RT: 8.341 min Scan# 1086
Delta R.T. -0.000 min
Lab File: VN088131.D
Acq: 28 Oct 2025 12:14

Tgt Ion:117 Resp: 133965
Ion Ratio Lower Upper
117 100
119 98.0 79.0 118.6
121 30.8 25.0 37.6





#39

Methylcyclohexane

Concen: 20.939 ug/l

RT: 9.577 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VN088131.D

Acq: 28 Oct 2025 12:14

Instrument :

MSVOA_N

ClientSampleId :

VN1028WBS02

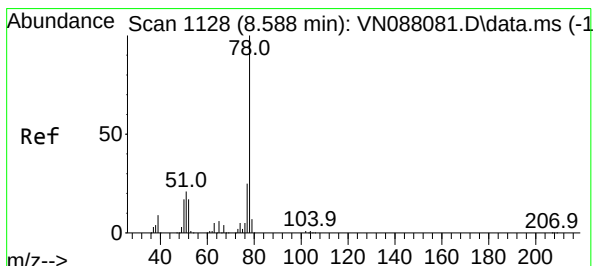
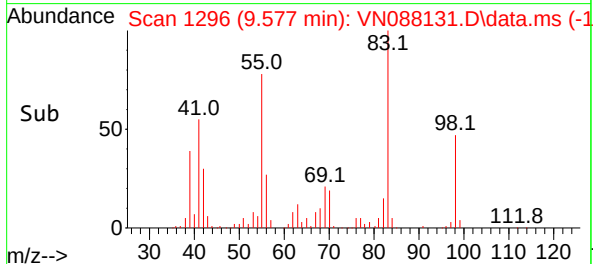
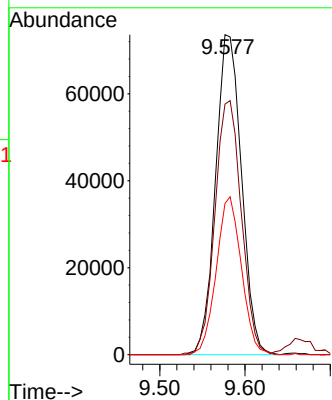
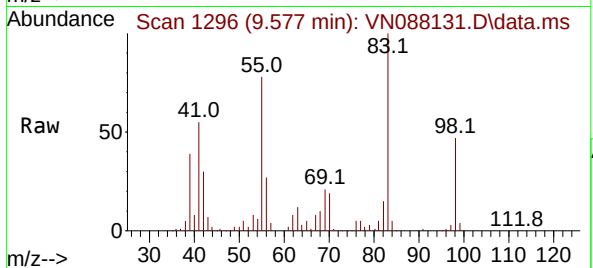
Tgt Ion: 83	Resp: 15594
Ion Ratio	Lower Upper
83 100	
55 78.3	64.6 96.8
98 47.3	38.4 57.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/29/2025

Supervised By :Semsettin Yesilyurt 10/29/2025



#40

Benzene

Concen: 21.667 ug/l

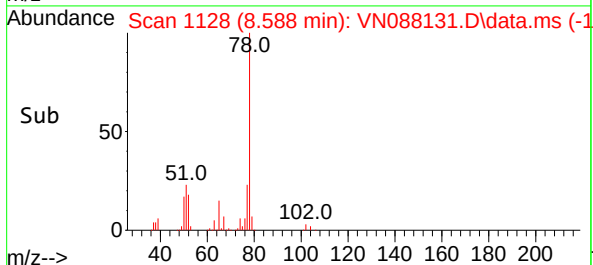
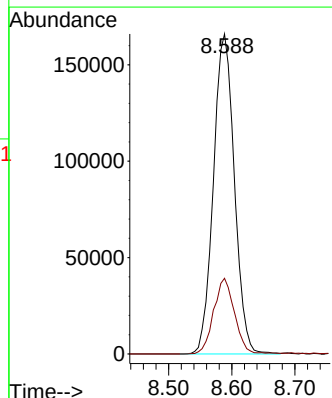
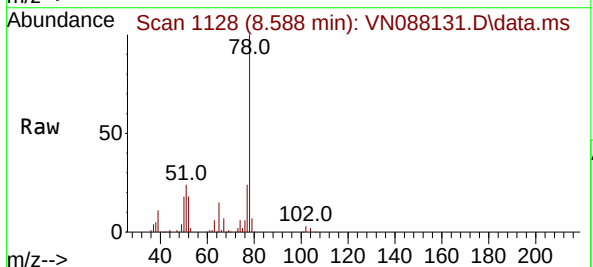
RT: 8.588 min Scan# 1128

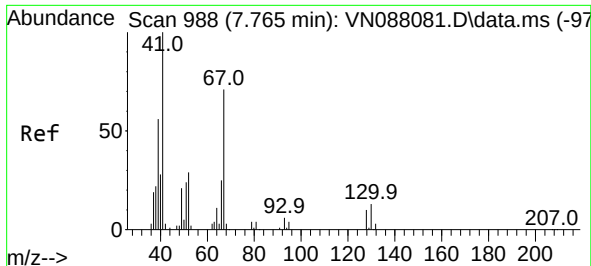
Delta R.T. -0.000 min

Lab File: VN088131.D

Acq: 28 Oct 2025 12:14

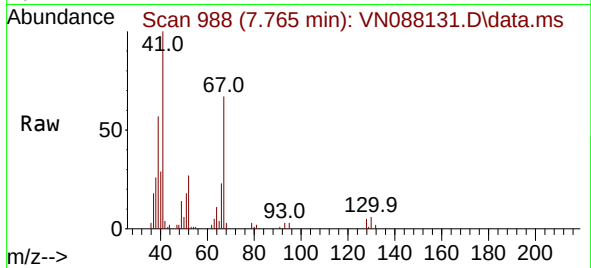
Tgt Ion: 78	Resp: 382335
Ion Ratio	Lower Upper
78 100	
77 23.6	19.7 29.5





#41
Methacrylonitrile
Concen: 20.195 ug/l
RT: 7.765 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN088131.D
Acq: 28 Oct 2025 12:14

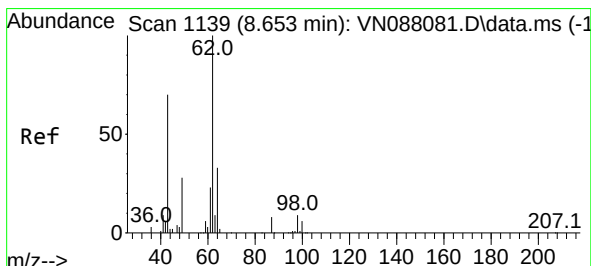
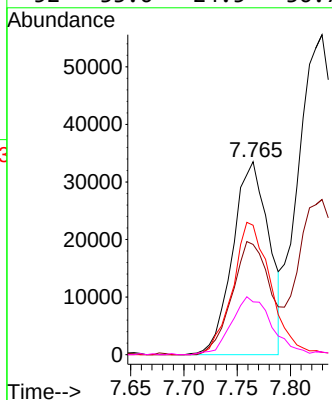
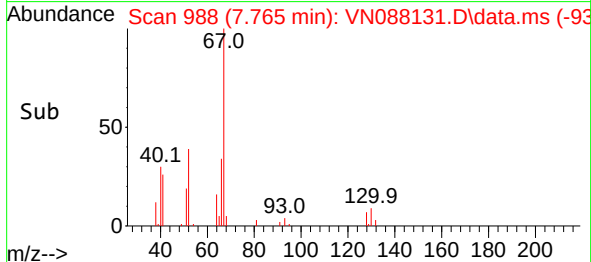
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBS02



Tgt Ion:	41	Resp:	7947
Ion Ratio	Lower	Upper	
41	100		
39	63.5	45.4	68.0
67	72.0	55.3	82.9
52	33.6	24.5	36.7

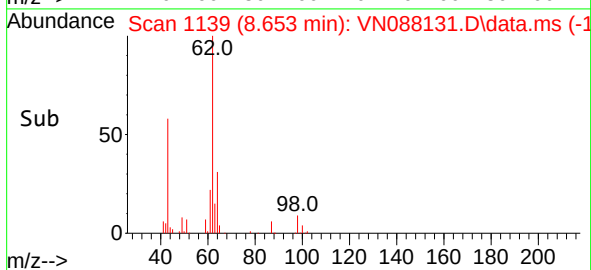
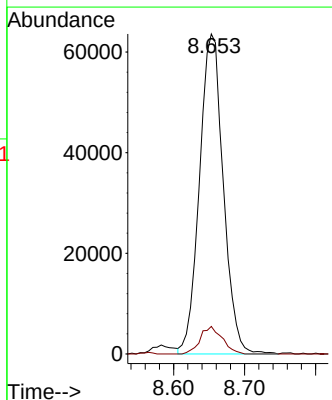
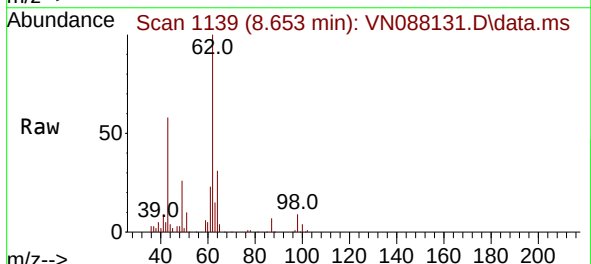
Manual Integrations
APPROVED

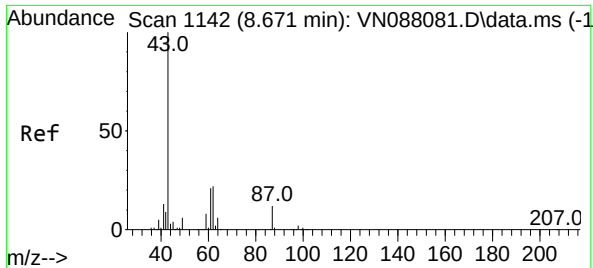
Reviewed By :John Carlone 10/29/2025
Supervised By :Semsettin Yesilyurt 10/29/2025



#42
1,2-Dichloroethane
Concen: 23.653 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. -0.000 min
Lab File: VN088131.D
Acq: 28 Oct 2025 12:14

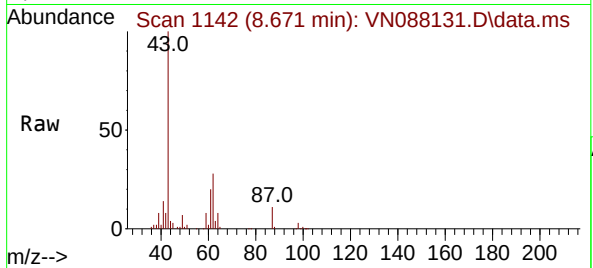
Tgt Ion:	62	Resp:	148298
Ion Ratio	Lower	Upper	
62	100		
98	7.9	0.0	17.4





#43
Isopropyl Acetate
Concen: 22.109 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN088131.D
Acq: 28 Oct 2025 12:14

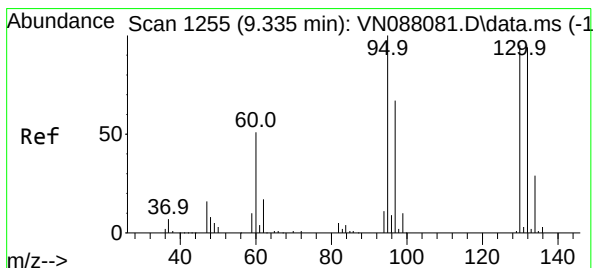
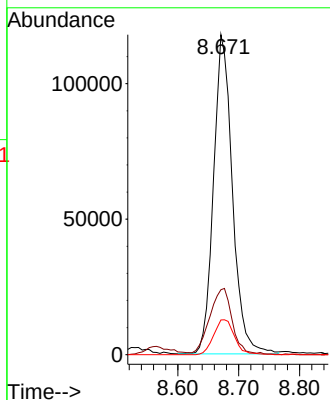
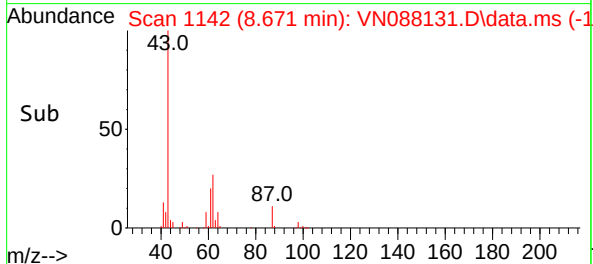
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBS02



Tgt Ion: 43 Resp: 254024
Ion Ratio Lower Upper
43 100
61 25.0 18.8 28.2
87 12.1 9.6 14.4

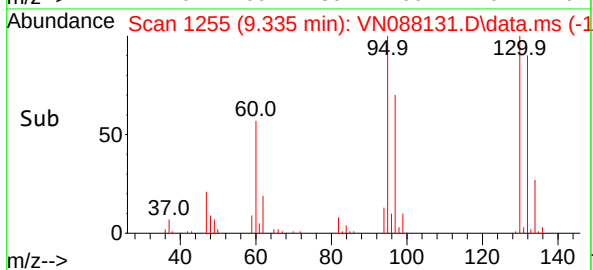
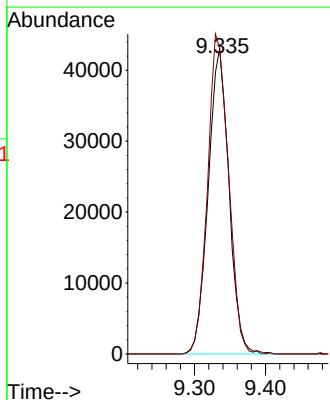
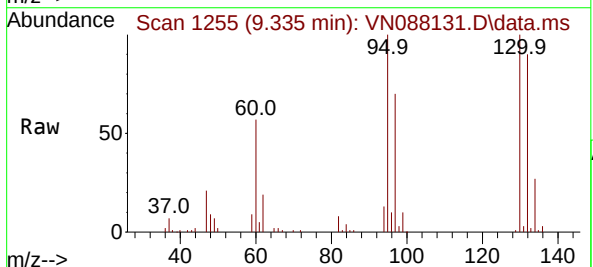
Manual Integrations
APPROVED

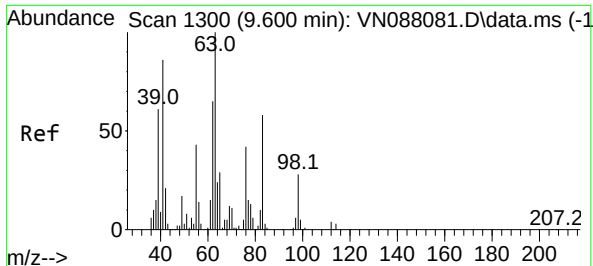
Reviewed By :John Carlone 10/29/2025
Supervised By :Semsettin Yesilyurt 10/29/2025



#44
Trichloroethene
Concen: 21.172 ug/l
RT: 9.335 min Scan# 1255
Delta R.T. 0.006 min
Lab File: VN088131.D
Acq: 28 Oct 2025 12:14

Tgt Ion:130 Resp: 87325
Ion Ratio Lower Upper
130 100
95 99.8 0.0 212.0





#45

1,2-Dichloropropane

Concen: 21.808 ug/l

RT: 9.606 min Scan# 1301

Delta R.T. 0.006 min

Lab File: VN088131.D

Acq: 28 Oct 2025 12:14

Instrument :

MSVOA_N

ClientSampleId :

VN1028WBS02

Tgt Ion: 63 Resp: 9715

Ion Ratio Lower Upper

63 100

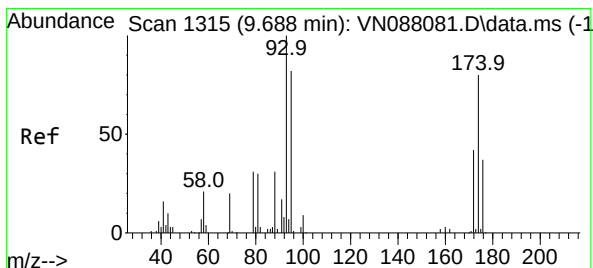
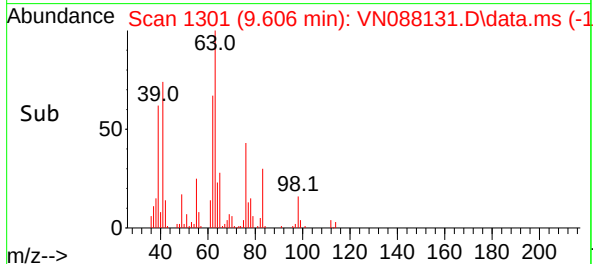
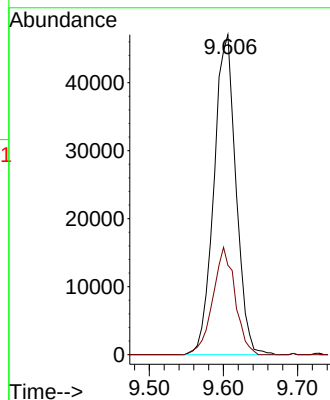
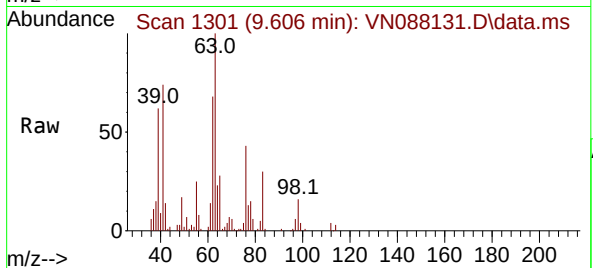
65 28.0 25.0 37.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/29/2025

Supervised By :Semsettin Yesilyurt 10/29/2025



#46

Dibromomethane

Concen: 22.226 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. -0.000 min

Lab File: VN088131.D

Acq: 28 Oct 2025 12:14

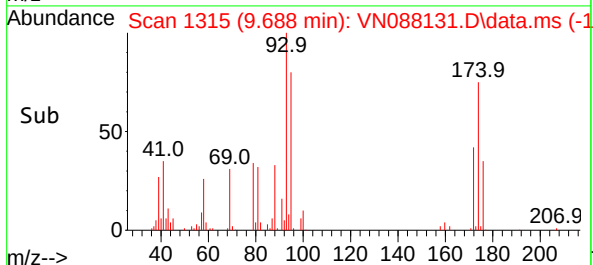
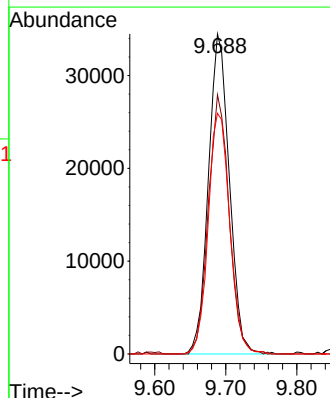
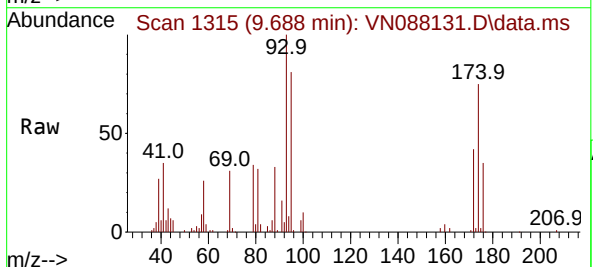
Tgt Ion: 93 Resp: 70617

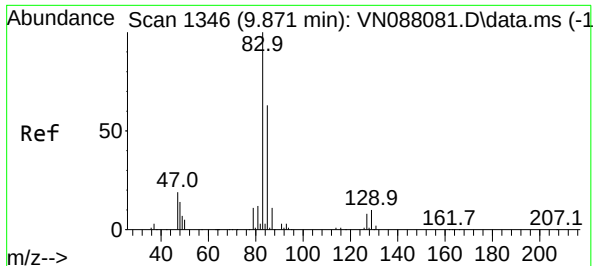
Ion Ratio Lower Upper

93 100

95 80.3 66.2 99.4

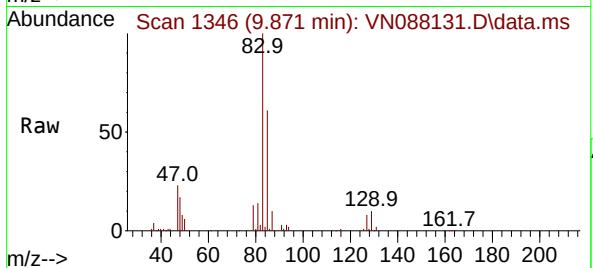
174 77.6 63.4 95.2





#47
Bromodichloromethane
Concen: 22.272 ug/l
RT: 9.871 min Scan# 1346
Delta R.T. -0.000 min
Lab File: VN088131.D
Acq: 28 Oct 2025 12:14

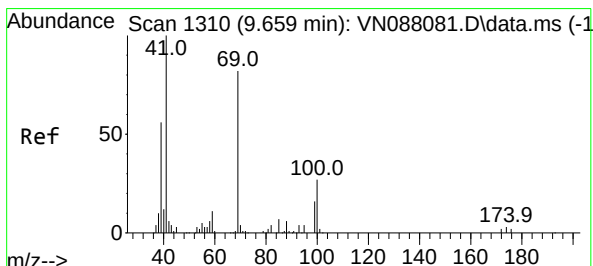
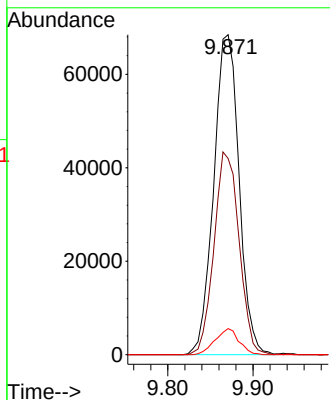
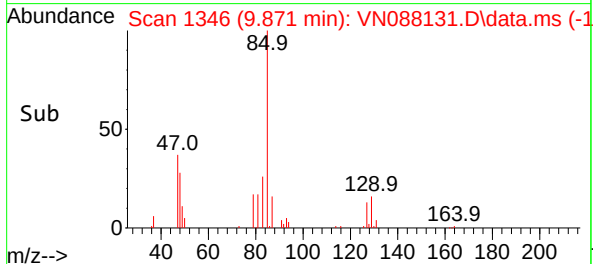
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBS02



Tgt Ion: 83 Resp: 14167
Ion Ratio Lower Upper
83 100
85 61.3 52.5 78.7
127 8.1 5.8 8.6

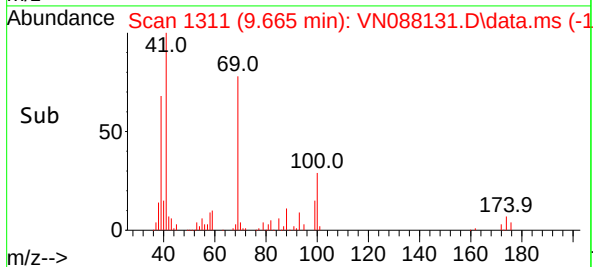
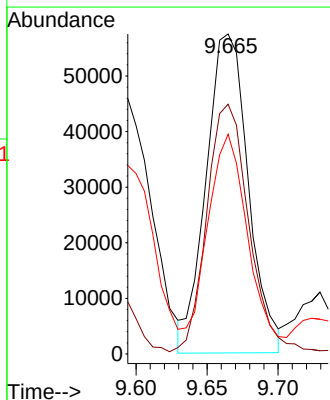
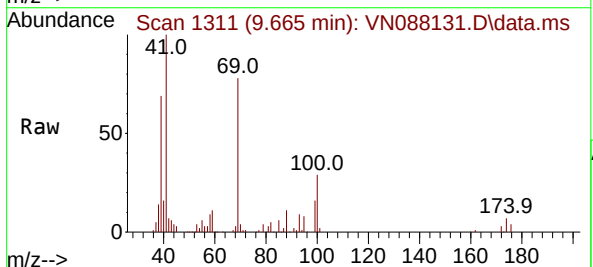
Manual Integrations
APPROVED

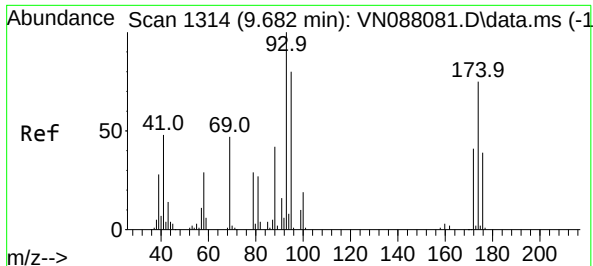
Reviewed By :John Carlone 10/29/2025
Supervised By :Semsettin Yesilyurt 10/29/2025



#48
Methyl methacrylate
Concen: 22.358 ug/l
RT: 9.665 min Scan# 1311
Delta R.T. -0.000 min
Lab File: VN088131.D
Acq: 28 Oct 2025 12:14

Tgt Ion: 41 Resp: 118598
Ion Ratio Lower Upper
41 100
69 79.9 62.7 94.1
39 67.4 52.9 79.3





#49

1,4-Dioxane

Concen: 490.732 ug/l

RT: 9.682 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN088131.D

Acq: 28 Oct 2025 12:14

Instrument :

MSVOA_N

ClientSampleId :

VN1028WBS02

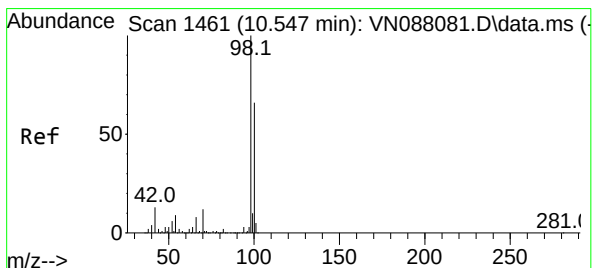
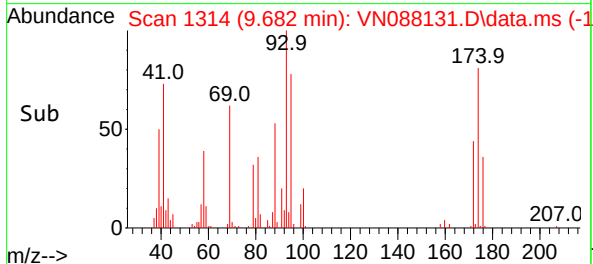
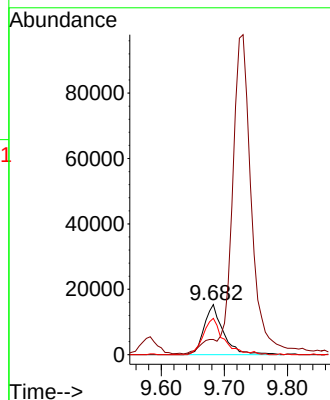
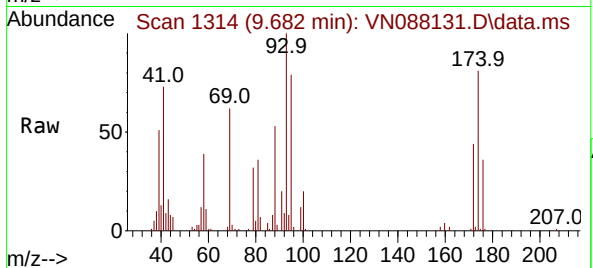
Tgt Ion: 88 Resp: 32370
 Ion Ratio Lower Upper
 88 100
 43 0.0 0.0 0.0
 58 76.9 57.9 86.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/29/2025

Supervised By :Semsettin Yesilyurt 10/29/2025



#50

Toluene-d8

Concen: 46.588 ug/l

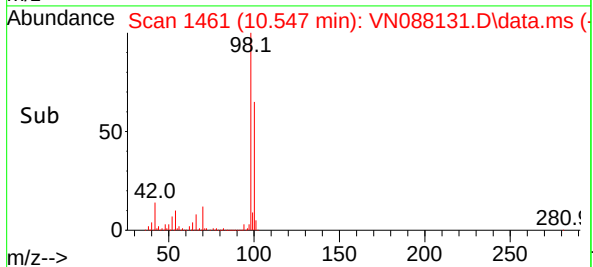
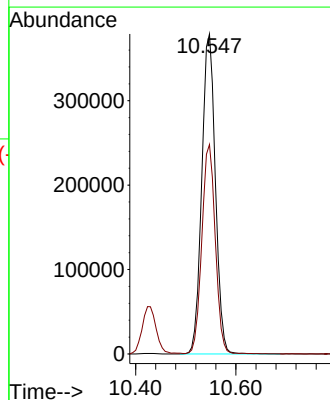
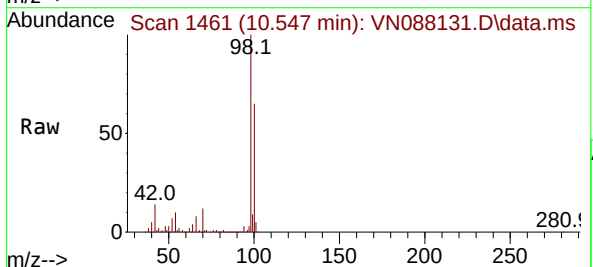
RT: 10.547 min Scan# 1461

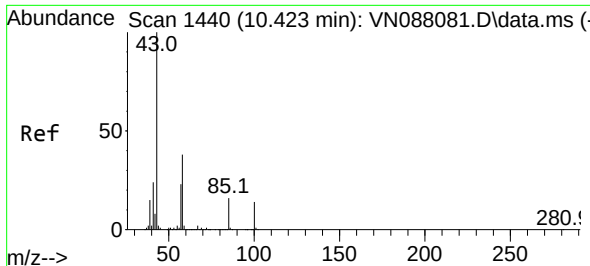
Delta R.T. -0.000 min

Lab File: VN088131.D

Acq: 28 Oct 2025 12:14

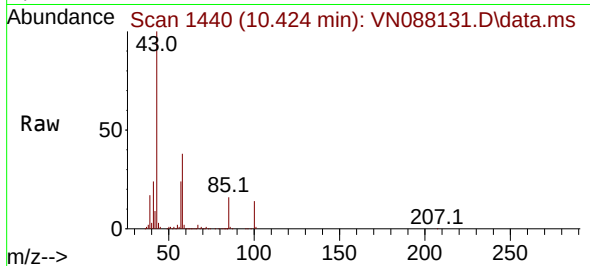
Tgt Ion: 98 Resp: 712359
 Ion Ratio Lower Upper
 98 100
 100 65.0 52.8 79.2





#51
4-Methyl-2-Pentanone
Concen: 114.061 ug/l
RT: 10.424 min Scan# 1440
Delta R.T. -0.000 min
Lab File: VN088131.D
Acq: 28 Oct 2025 12:14

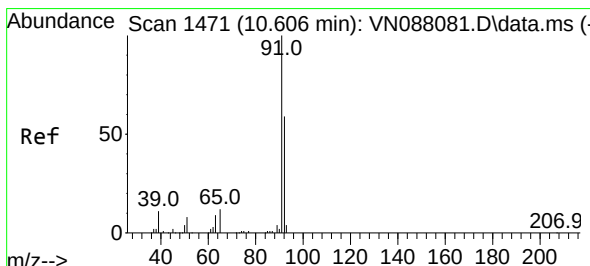
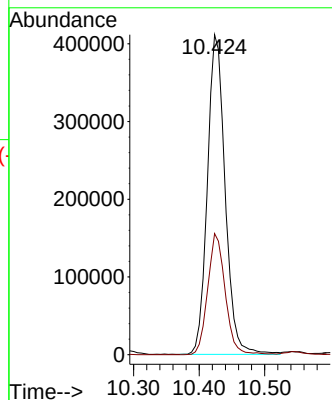
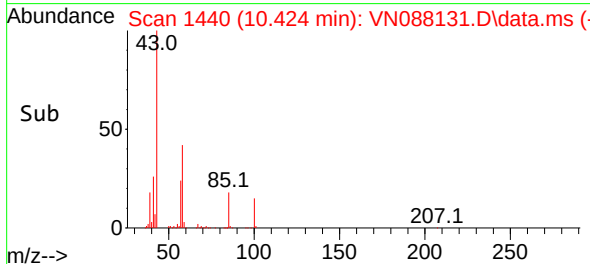
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBS02



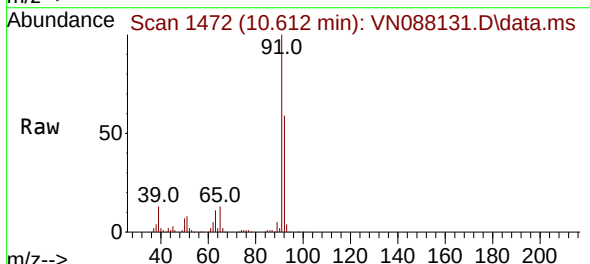
Tgt Ion: 43 Resp: 775284
Ion Ratio Lower Upper
43 100
58 37.4 29.6 44.4

Manual Integrations
APPROVED

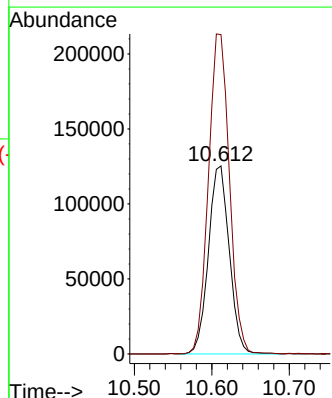
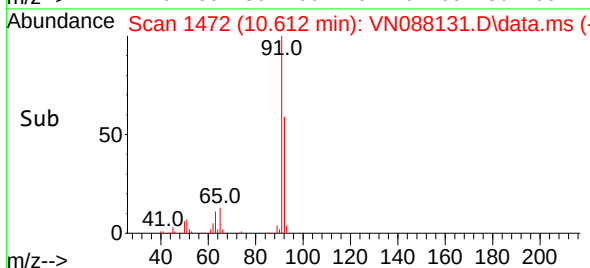
Reviewed By :John Carlone 10/29/2025
Supervised By :Semsettin Yesilyurt 10/29/2025

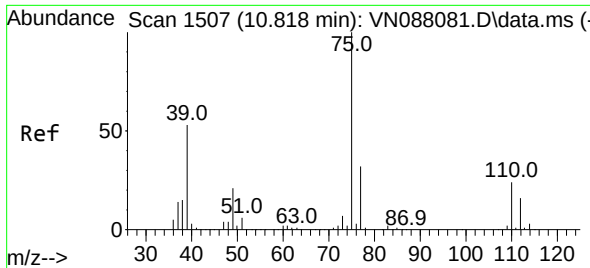


#52
Toluene
Concen: 21.513 ug/l
RT: 10.612 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VN088131.D
Acq: 28 Oct 2025 12:14



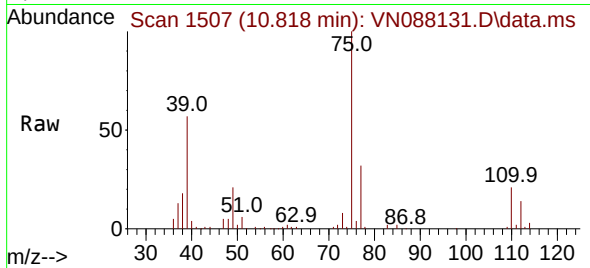
Tgt Ion: 92 Resp: 234045
Ion Ratio Lower Upper
92 100
91 171.5 140.4 210.6





#53
t-1,3-Dichloropropene
Concen: 21.296 ug/l
RT: 10.818 min Scan# 1418
Delta R.T. -0.000 min
Lab File: VN088131.D
Acq: 28 Oct 2025 12:14

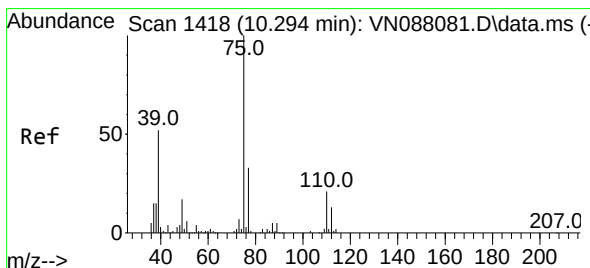
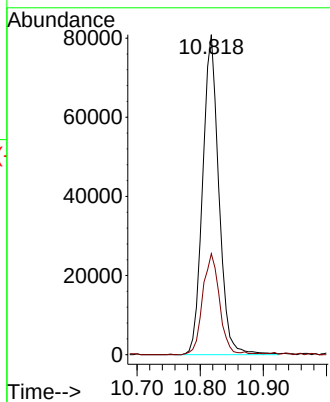
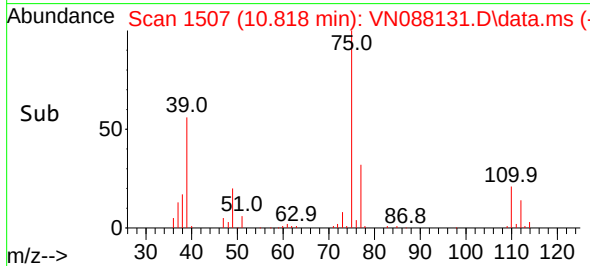
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBS02



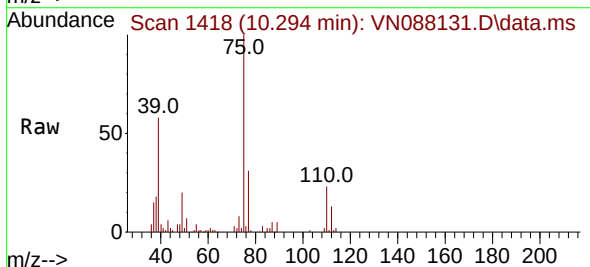
Tgt Ion: 75 Resp: 14418
Ion Ratio Lower Upper
75 100
77 31.6 25.2 37.8

Manual Integrations
APPROVED

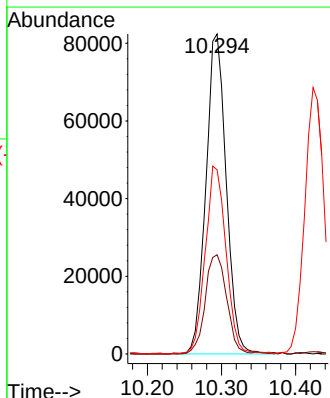
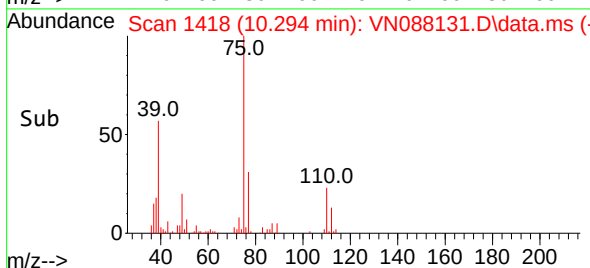
Reviewed By :John Carlone 10/29/2025
Supervised By :Semsettin Yesilyurt 10/29/2025

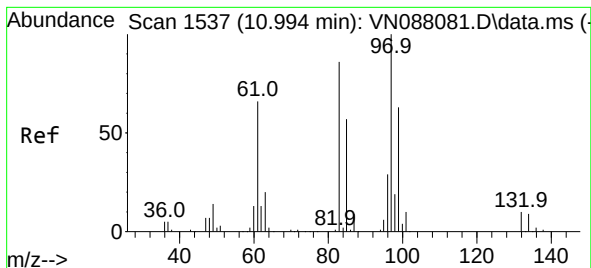


#54
cis-1,3-Dichloropropene
Concen: 21.824 ug/l
RT: 10.294 min Scan# 1418
Delta R.T. 0.006 min
Lab File: VN088131.D
Acq: 28 Oct 2025 12:14



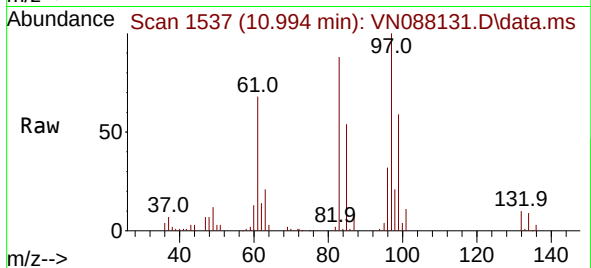
Tgt Ion: 75 Resp: 156786
Ion Ratio Lower Upper
75 100
77 30.8 24.6 37.0
39 57.5 45.2 67.8





#55
1,1,2-Trichloroethane
Concen: 21.686 ug/l
RT: 10.994 min Scan# 1537
Delta R.T. -0.000 min
Lab File: VN088131.D
Acq: 28 Oct 2025 12:14

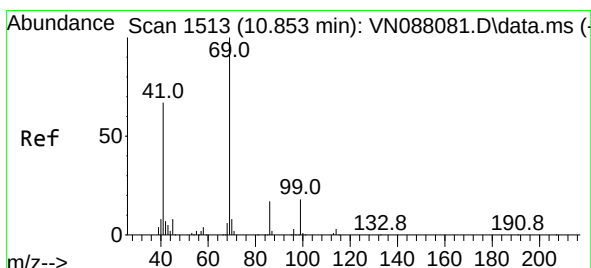
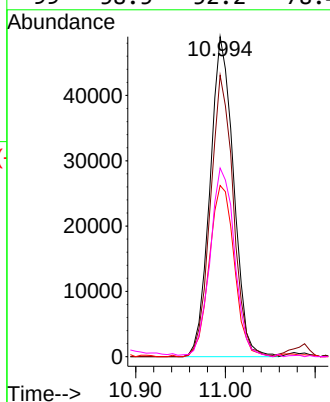
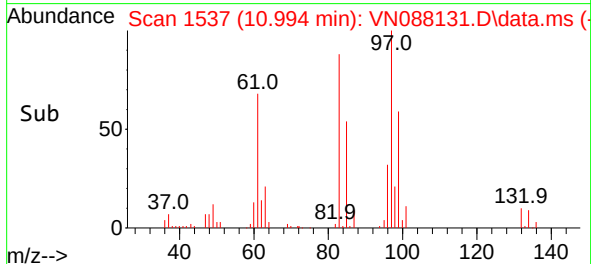
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBS02



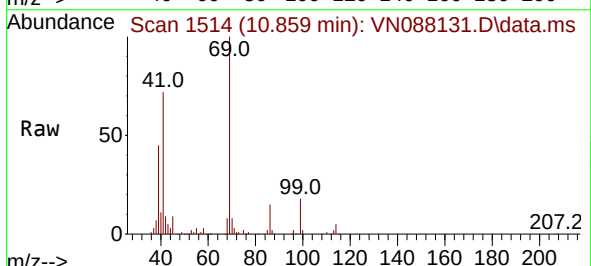
Tgt Ion	Ratio	Lower	Upper
97	100		
83	88.0	68.2	102.4
85	53.5	45.5	68.3
99	58.5	52.2	78.4

Manual Integrations
APPROVED

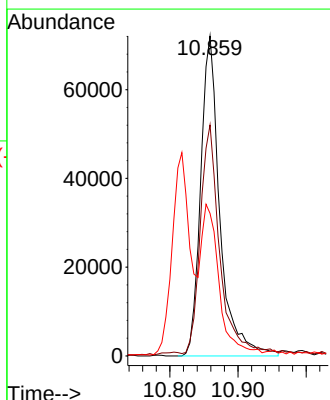
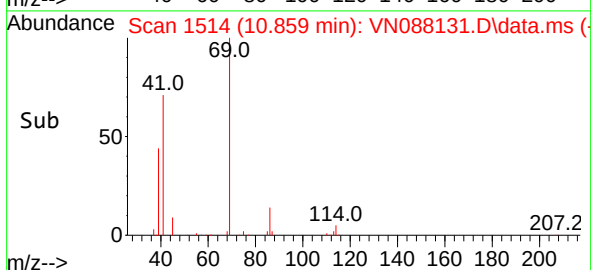
Reviewed By :John Carlone 10/29/2025
Supervised By :Semsettin Yesilyurt 10/29/2025

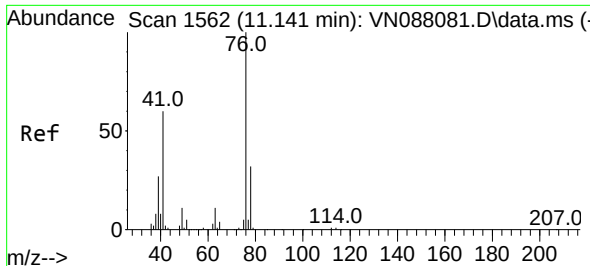


#56
Ethyl methacrylate
Concen: 21.634 ug/l
RT: 10.859 min Scan# 1514
Delta R.T. 0.006 min
Lab File: VN088131.D
Acq: 28 Oct 2025 12:14



Tgt Ion	Ratio	Lower	Upper
69	100		
41	71.6	56.5	84.7
39	41.4	34.2	51.4





#57

1,3-Dichloropropane

Concen: 21.898 ug/l

RT: 11.141 min Scan# 1562

Delta R.T. -0.000 min

Lab File: VN088131.D

Acq: 28 Oct 2025 12:14

Instrument :

MSVOA_N

ClientSampleId :

VN1028WBS02

Tgt Ion: 76 Resp: 15886

Ion Ratio Lower Upper

76 100

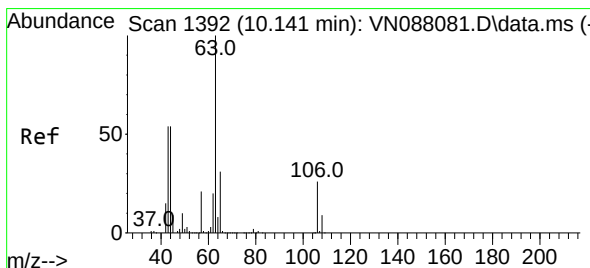
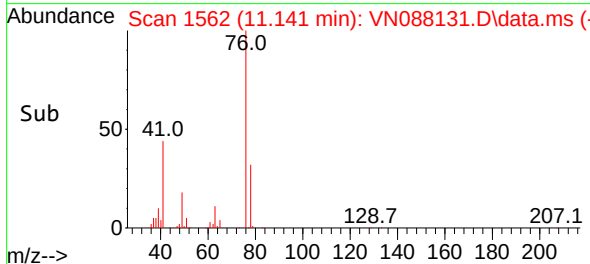
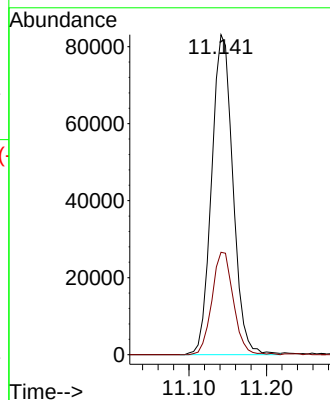
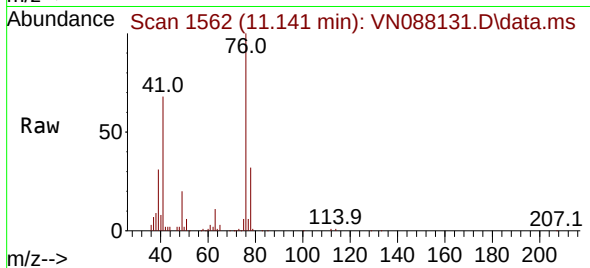
78 32.1 26.2 39.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/29/2025

Supervised By :Semsettin Yesilyurt 10/29/2025



#58

2-Chloroethyl Vinyl ether

Concen: 102.500 ug/l

RT: 10.141 min Scan# 1392

Delta R.T. -0.000 min

Lab File: VN088131.D

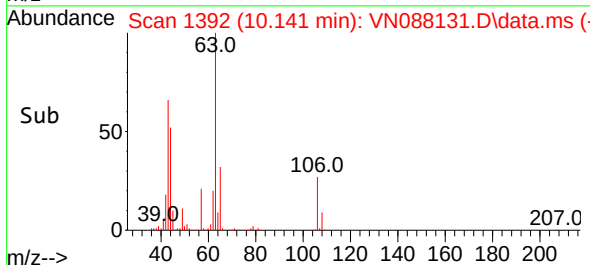
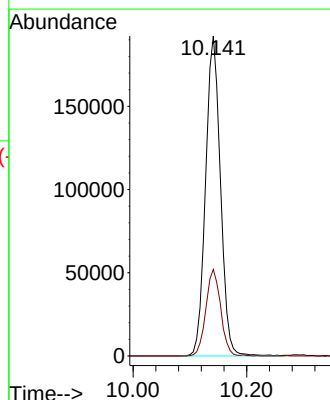
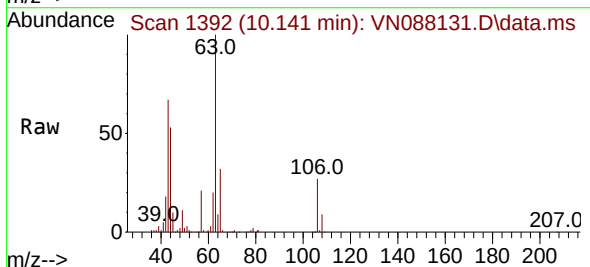
Acq: 28 Oct 2025 12:14

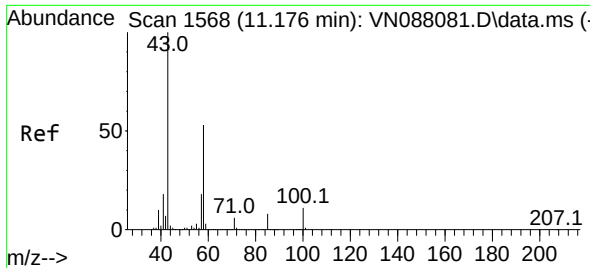
Tgt Ion: 63 Resp: 348254

Ion Ratio Lower Upper

63 100

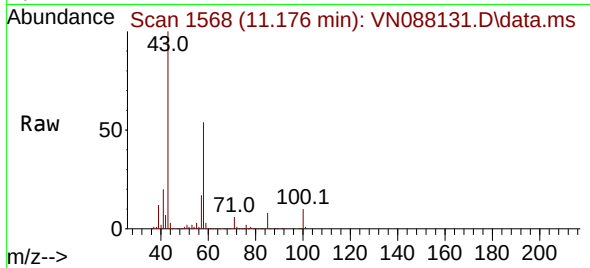
106 27.0 21.1 31.7





#59
2-Hexanone
Concen: 112.165 ug/l
RT: 11.176 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VN088131.D
Acq: 28 Oct 2025 12:14

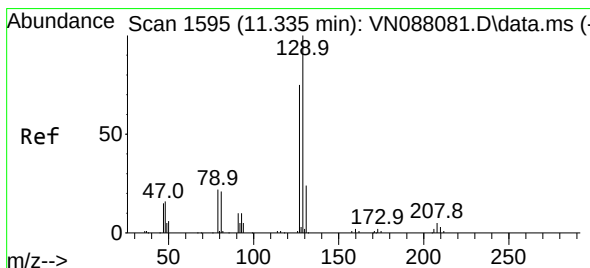
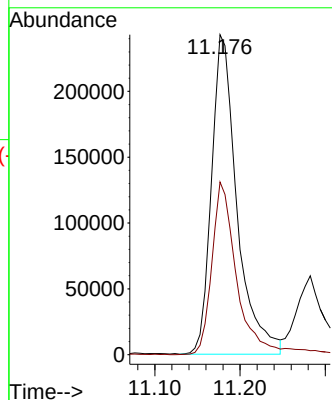
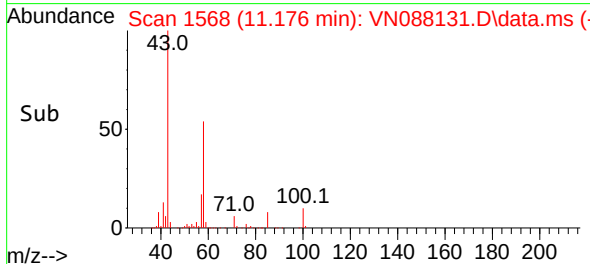
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBS02



Tgt Ion: 43 Resp: 50575
Ion Ratio Lower Upper
43 100
58 53.8 25.9 77.8

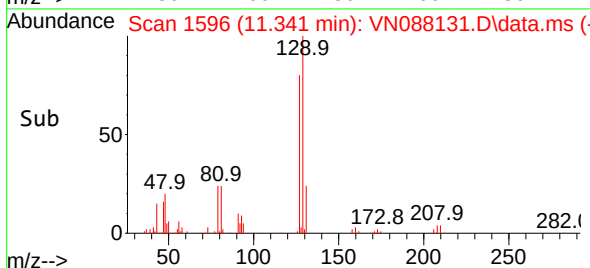
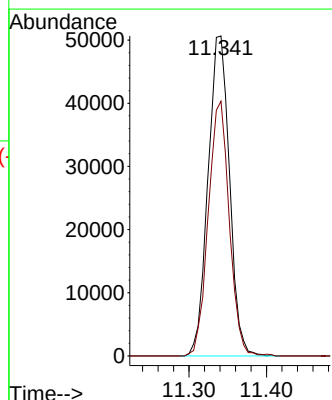
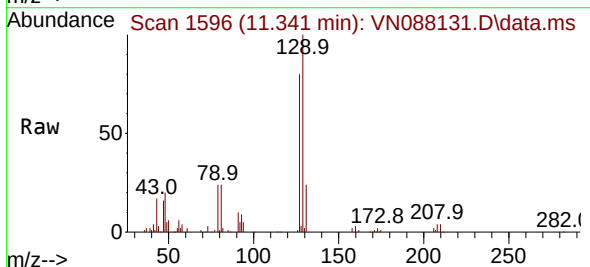
Manual Integrations
APPROVED

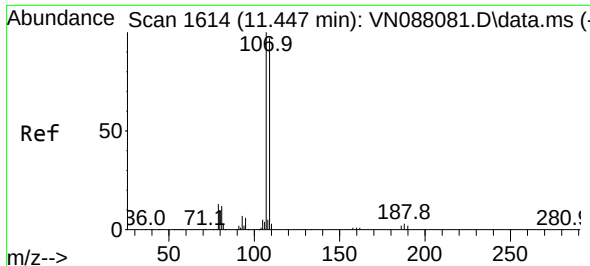
Reviewed By :John Carlone 10/29/2025
Supervised By :Semsettin Yesilyurt 10/29/2025



#60
Dibromochloromethane
Concen: 20.783 ug/l
RT: 11.341 min Scan# 1596
Delta R.T. 0.006 min
Lab File: VN088131.D
Acq: 28 Oct 2025 12:14

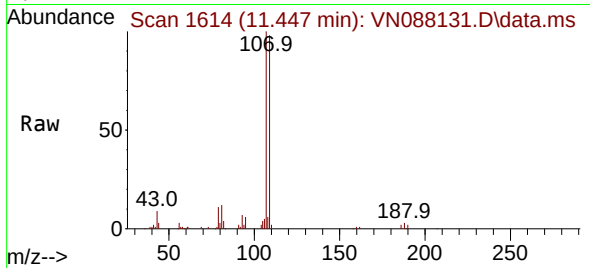
Tgt Ion:129 Resp: 97503
Ion Ratio Lower Upper
129 100
127 77.8 39.1 117.3





#61
1,2-Dibromoethane
Concen: 21.216 ug/l
RT: 11.447 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VN088131.D
Acq: 28 Oct 2025 12:14

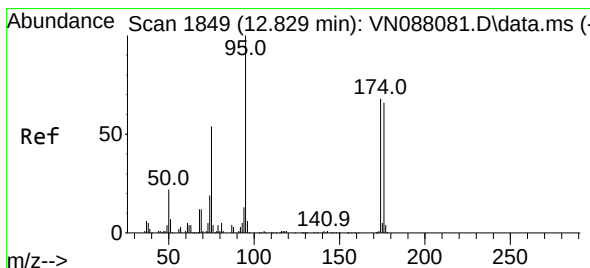
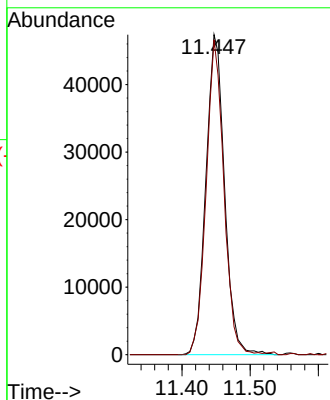
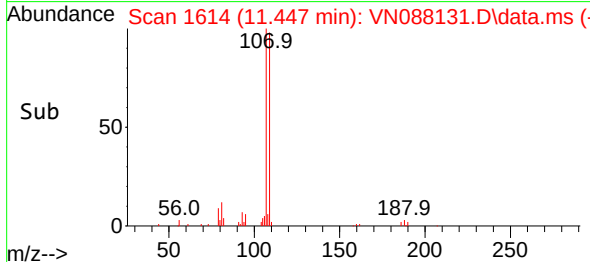
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBS02



Tgt Ion:107 Resp: 9012
Ion Ratio Lower Upper
107 100
109 93.6 74.7 112.1

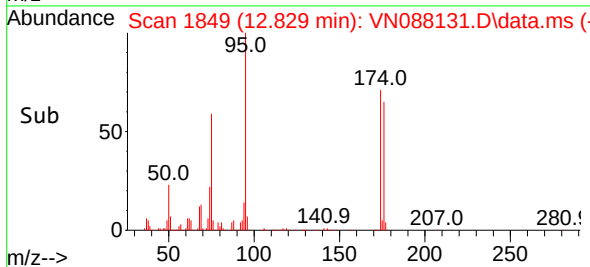
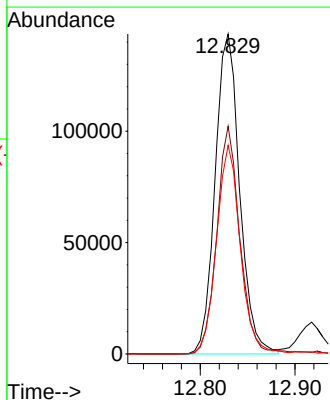
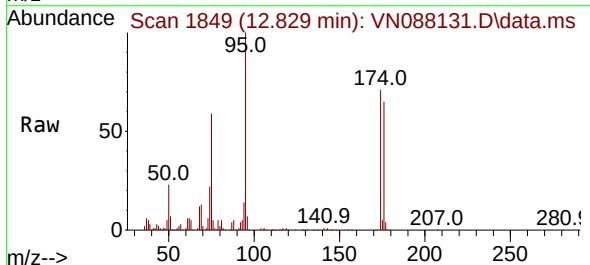
Manual Integrations
APPROVED

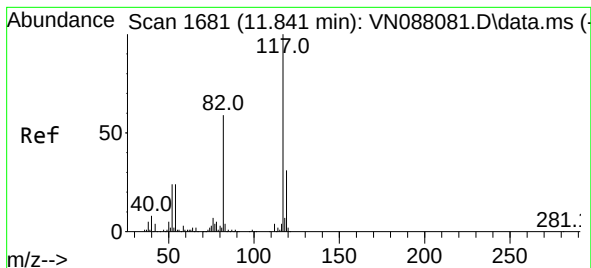
Reviewed By :John Carlone 10/29/2025
Supervised By :Semsettin Yesilyurt 10/29/2025



#62
4-Bromofluorobenzene
Concen: 47.920 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN088131.D
Acq: 28 Oct 2025 12:14

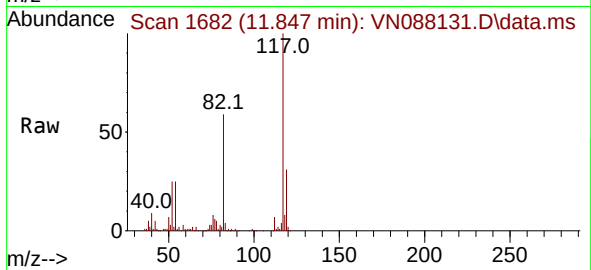
Tgt Ion: 95 Resp: 258768
Ion Ratio Lower Upper
95 100
174 67.2 0.0 138.4
176 63.3 0.0 132.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 1681
Delta R.T. 0.006 min
Lab File: VN088131.D
Acq: 28 Oct 2025 12:14

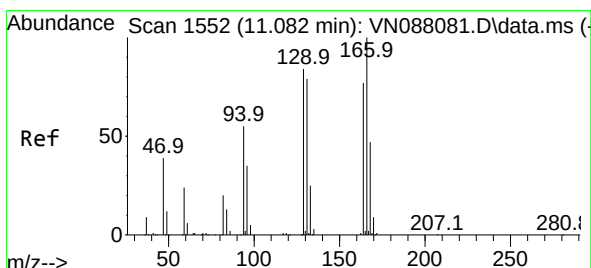
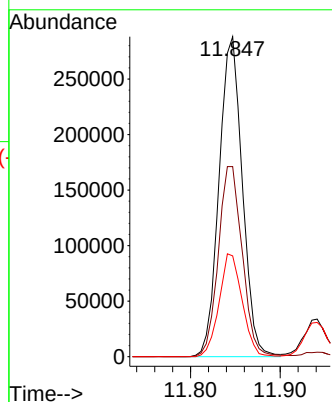
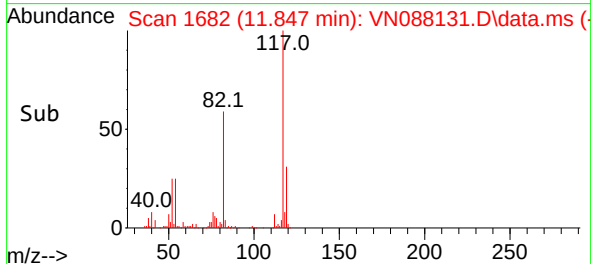
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBS02



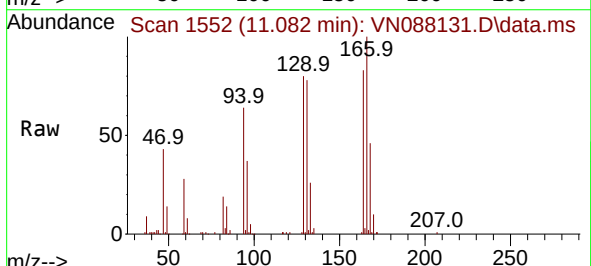
Tgt Ion:117 Resp: 518318
Ion Ratio Lower Upper
117 100
82 59.4 47.4 71.2
119 31.5 24.3 36.5

Manual Integrations
APPROVED

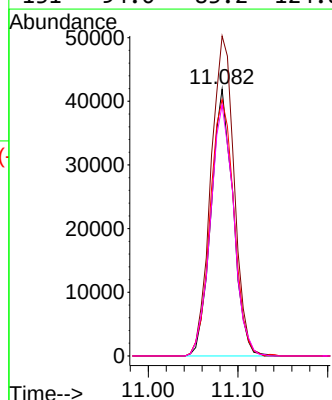
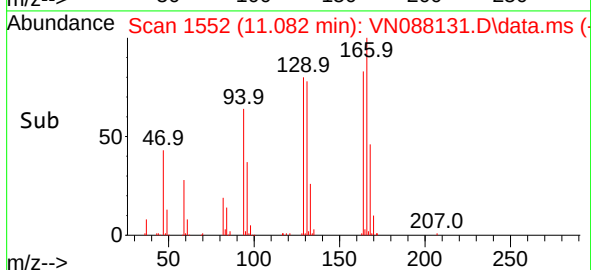
Reviewed By :John Carlone 10/29/2025
Supervised By :Semsettin Yesilyurt 10/29/2025

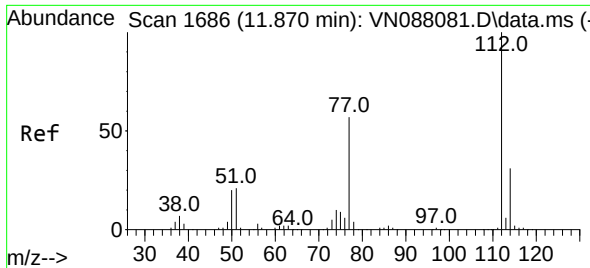


#64
Tetrachloroethene
Concen: 20.760 ug/l
RT: 11.082 min Scan# 1552
Delta R.T. -0.000 min
Lab File: VN088131.D
Acq: 28 Oct 2025 12:14



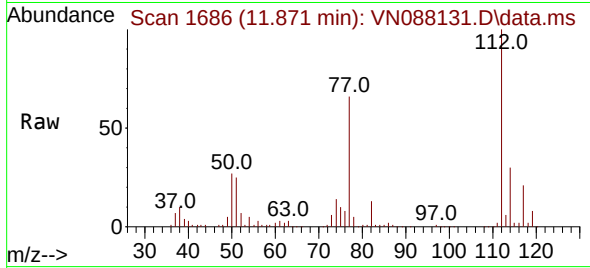
Tgt Ion:164 Resp: 70978
Ion Ratio Lower Upper
164 100
166 119.9 97.7 146.5
129 96.1 85.9 128.9
131 94.0 83.2 124.8





#65
Chlorobenzene
Concen: 21.172 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN088131.D
Acq: 28 Oct 2025 12:14

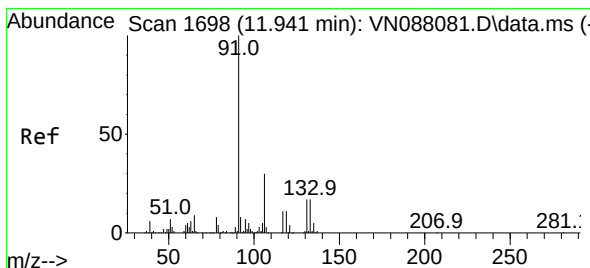
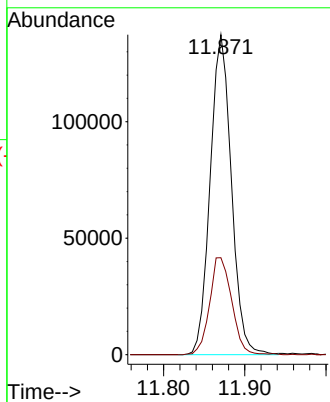
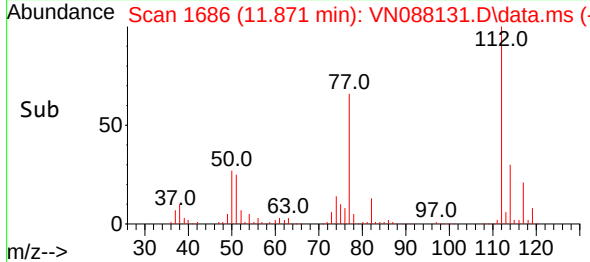
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBS02



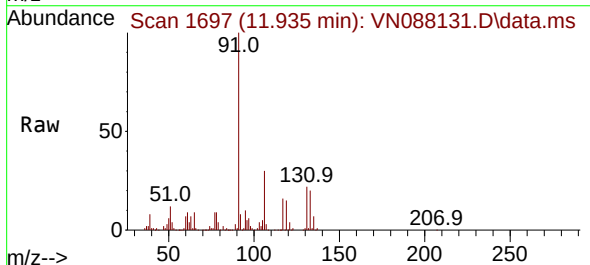
Tgt Ion:112 Resp: 249179
Ion Ratio Lower Upper
112 100
114 30.3 24.3 36.5

Manual Integrations
APPROVED

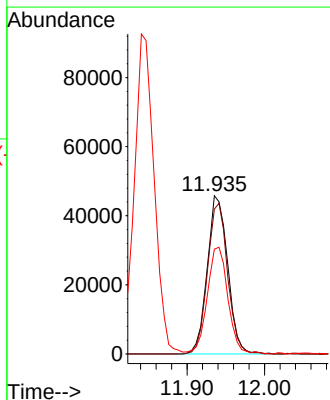
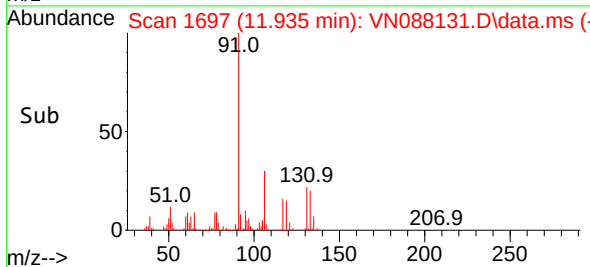
Reviewed By :John Carlone 10/29/2025
Supervised By :Semsettin Yesilyurt 10/29/2025

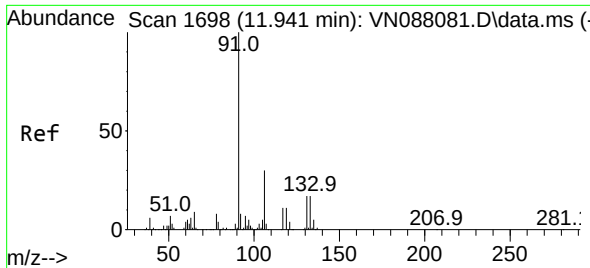


#66
1,1,1,2-Tetrachloroethane
Concen: 21.819 ug/l
RT: 11.935 min Scan# 1697
Delta R.T. -0.006 min
Lab File: VN088131.D
Acq: 28 Oct 2025 12:14



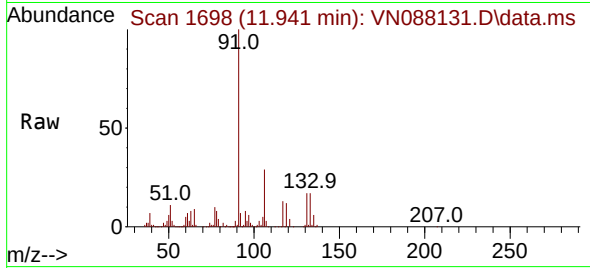
Tgt Ion:131 Resp: 84133
Ion Ratio Lower Upper
131 100
133 93.6 48.0 144.0
119 68.1 32.6 97.7





#67
Ethyl Benzene
Concen: 21.999 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VN088131.D
Acq: 28 Oct 2025 12:14

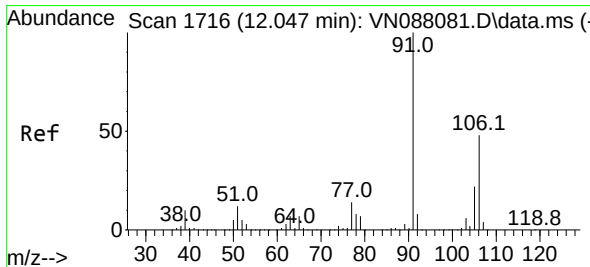
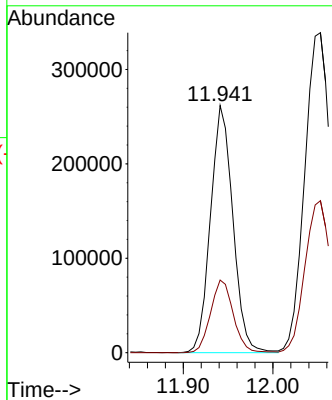
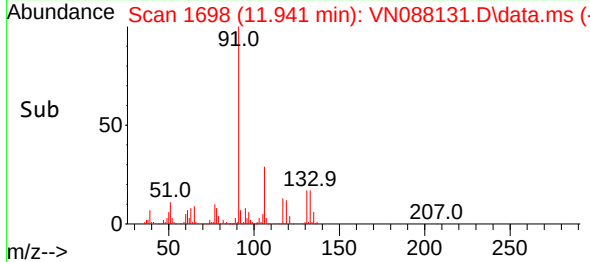
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBS02



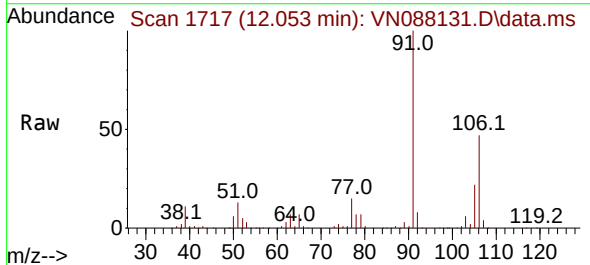
Tgt Ion: 91 Resp: 45448
Ion Ratio Lower Upper
91 100
106 29.4 24.1 36.1

Manual Integrations
APPROVED

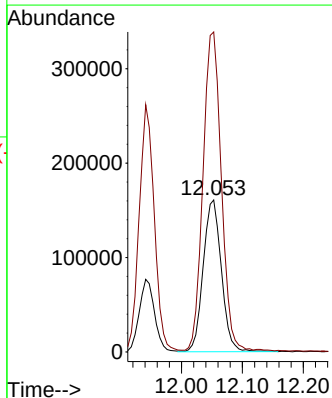
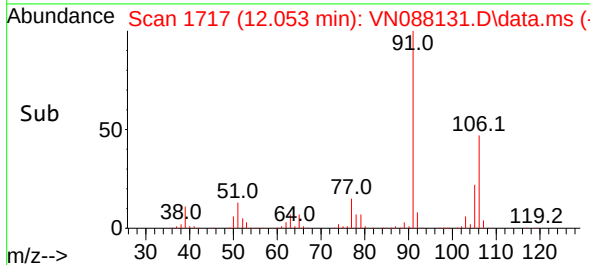
Reviewed By :John Carlone 10/29/2025
Supervised By :Semsettin Yesilyurt 10/29/2025

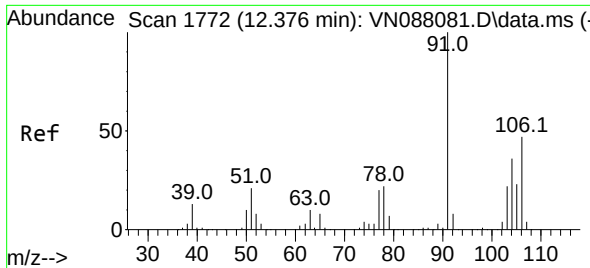


#68
m/p-Xylenes
Concen: 43.182 ug/l
RT: 12.053 min Scan# 1717
Delta R.T. 0.006 min
Lab File: VN088131.D
Acq: 28 Oct 2025 12:14



Tgt Ion:106 Resp: 334254
Ion Ratio Lower Upper
106 100
91 212.1 169.3 253.9





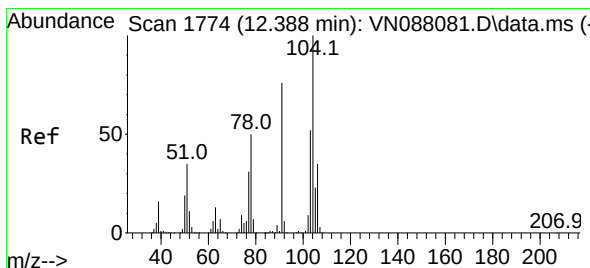
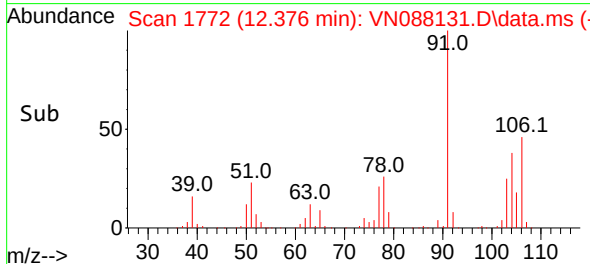
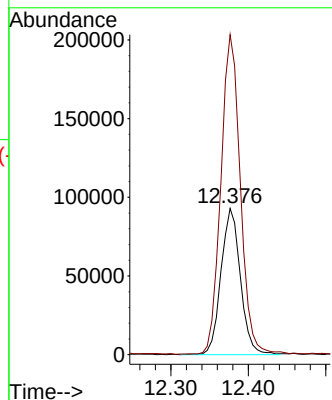
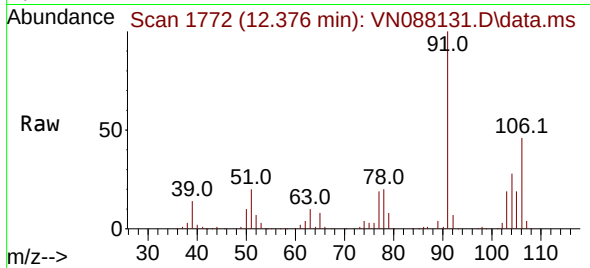
#69
o-Xylene
Concen: 22.073 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VN088131.D
Acq: 28 Oct 2025 12:14

Instrument :
MSVOA_N
ClientSampleId :
VN1028WBS02

Tgt Ion:106 Resp: 16196
Ion Ratio Lower Upper
106 100
91 219.0 111.4 334.2

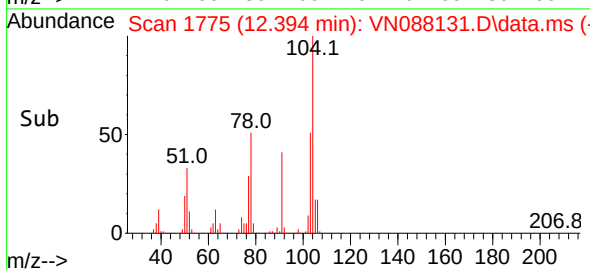
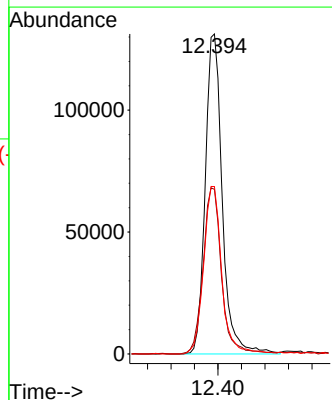
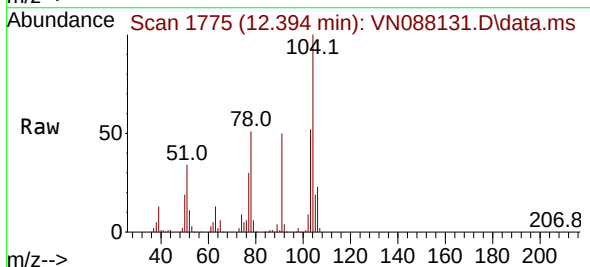
Manual Integrations
APPROVED

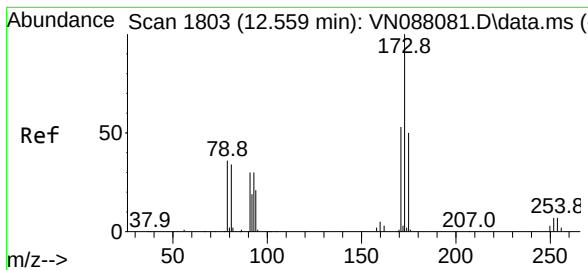
Reviewed By :John Carlone 10/29/2025
Supervised By :Semsettin Yesilyurt 10/29/2025



#70
Styrene
Concen: 22.024 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.006 min
Lab File: VN088131.D
Acq: 28 Oct 2025 12:14

Tgt Ion:104 Resp: 263534
Ion Ratio Lower Upper
104 100
78 56.3 42.2 63.2
103 55.7 43.4 65.2





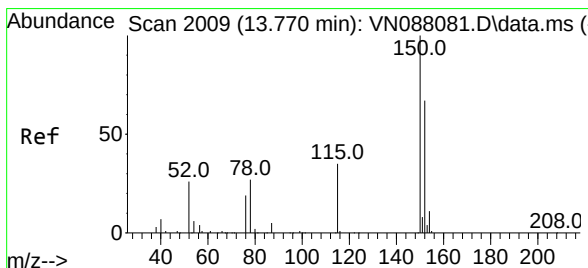
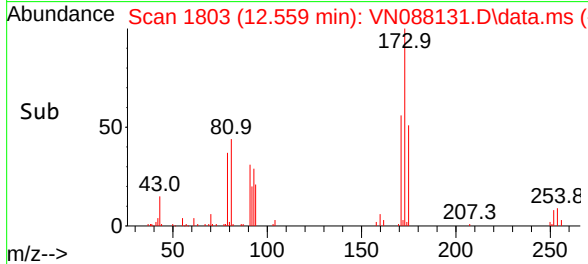
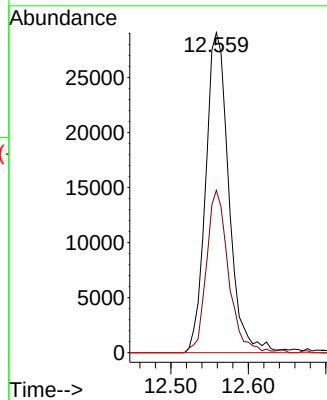
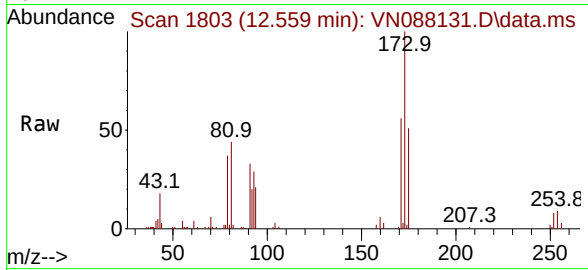
#71
Bromoform
Concen: 20.954 ug/l
RT: 12.559 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VN088131.D
Acq: 28 Oct 2025 12:14

Instrument :
MSVOA_N
ClientSampleId :
VN1028WBS02

Tgt Ion:173 Resp: 6029
Ion Ratio Lower Upper
173 100
175 48.4 24.9 74.6
254 0.0 0.1 0.1

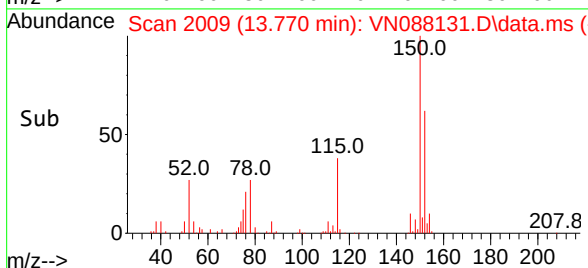
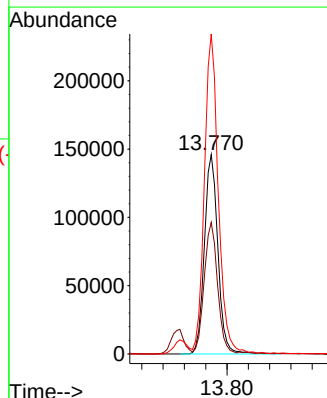
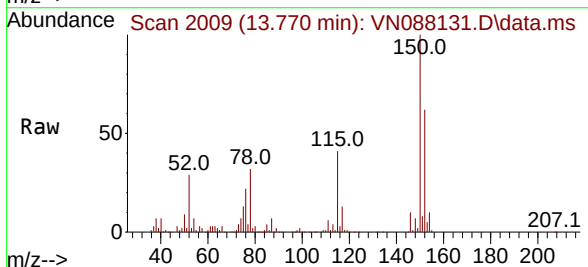
Manual Integrations
APPROVED

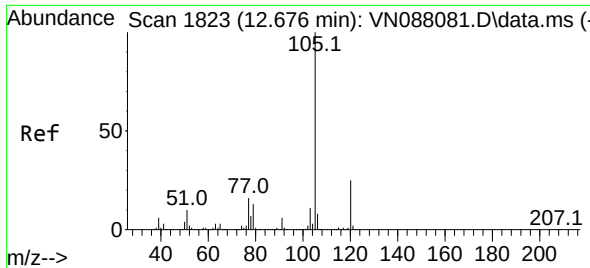
Reviewed By :John Carlone 10/29/2025
Supervised By :Semsettin Yesilyurt 10/29/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2009
Delta R.T. 0.006 min
Lab File: VN088131.D
Acq: 28 Oct 2025 12:14

Tgt Ion:152 Resp: 257534
Ion Ratio Lower Upper
152 100
115 66.1 32.3 96.8
150 163.6 0.0 351.0





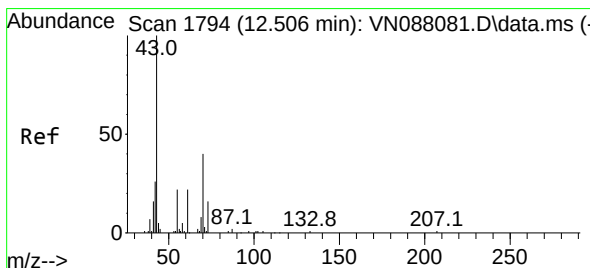
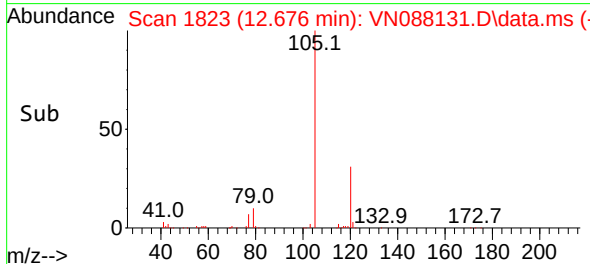
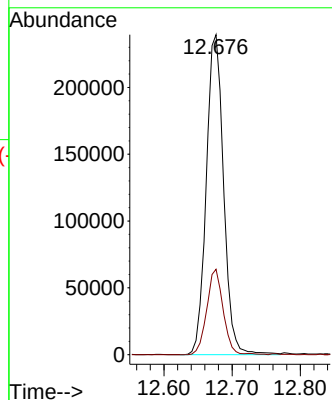
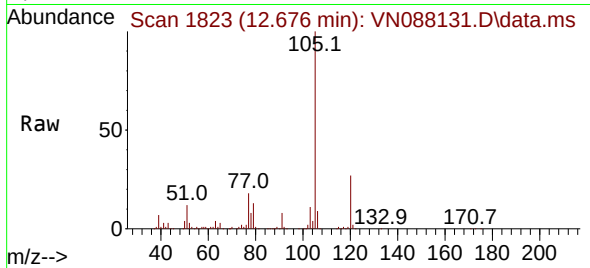
#73
Isopropylbenzene
Concen: 21.332 ug/l
RT: 12.676 min Scan# 1810
Delta R.T. 0.006 min
Lab File: VN088131.D
Acq: 28 Oct 2025 12:14

Instrument :
MSVOA_N
ClientSampleId :
VN1028WBS02

Tgt Ion:105 Resp: 423710
Ion Ratio Lower Upper
105 100
120 25.3 12.8 38.3

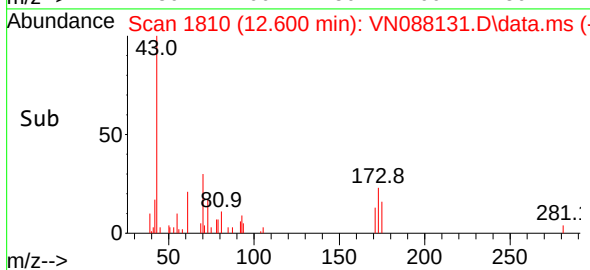
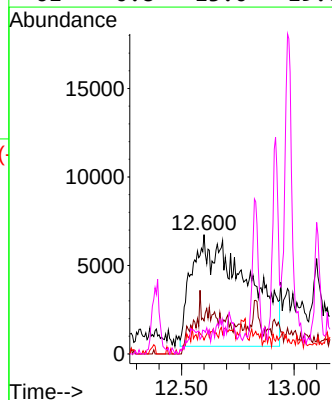
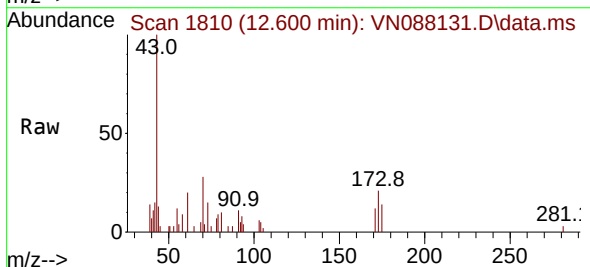
Manual Integrations
APPROVED

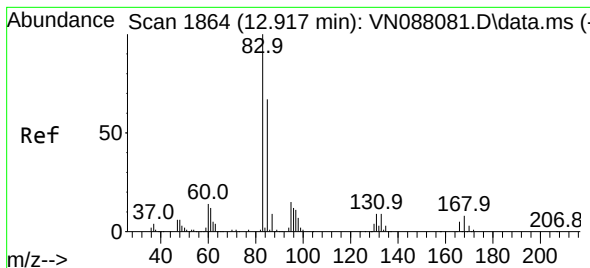
Reviewed By :John Carlone 10/29/2025
Supervised By :Semsettin Yesilyurt 10/29/2025



#74
N-ethyl acetate
Concen: 18.815 ug/l m
RT: 12.600 min Scan# 1810
Delta R.T. 0.100 min
Lab File: VN088131.D
Acq: 28 Oct 2025 12:14

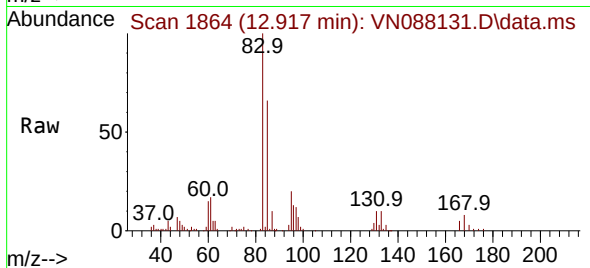
Tgt Ion: 43 Resp: 106092
Ion Ratio Lower Upper
43 100
70 0.0 27.6 41.4#
55 0.0 13.0 19.6#
61 0.8 13.0 19.6#





#75
1,1,2,2-Tetrachloroethane
Concen: 21.657 ug/l
RT: 12.917 min Scan# 1864
Delta R.T. -0.000 min
Lab File: VN088131.D
Acq: 28 Oct 2025 12:14

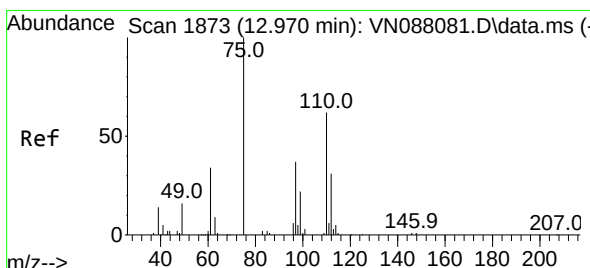
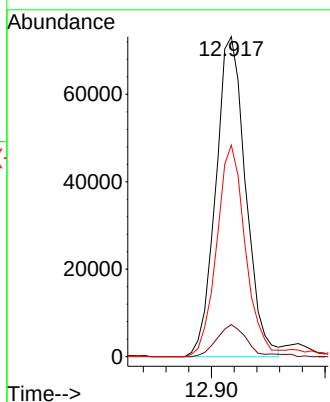
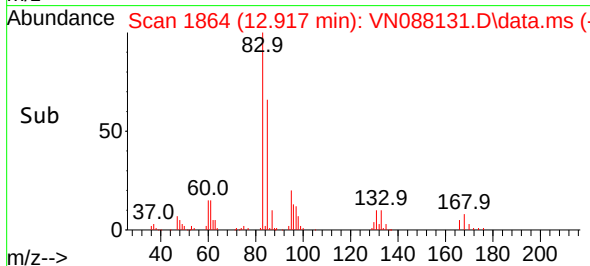
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBS02



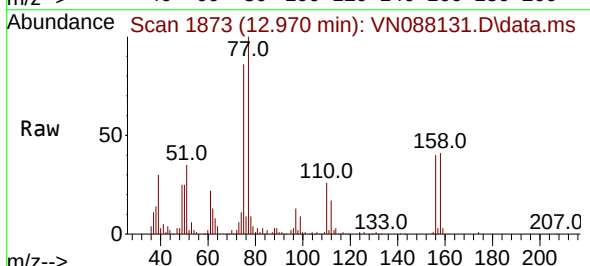
Tgt Ion: 83 Resp: 133928
Ion Ratio Lower Upper
83 100
131 10.2 4.8 14.4
85 63.7 32.1 96.3

Manual Integrations
APPROVED

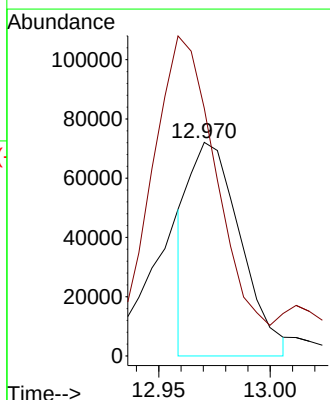
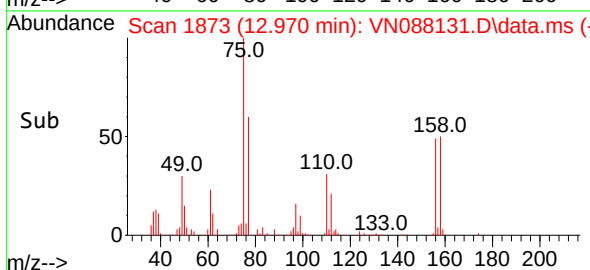
Reviewed By :John Carlone 10/29/2025
Supervised By :Semsettin Yesilyurt 10/29/2025

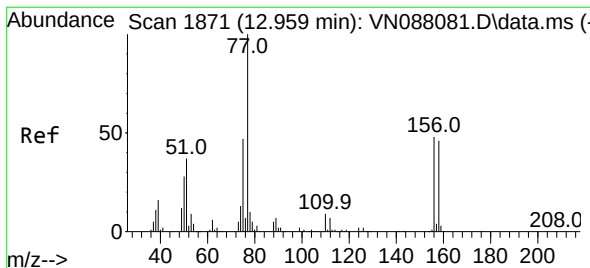


#76
1,2,3-Trichloropropane
Concen: 19.618 ug/l m
RT: 12.970 min Scan# 1873
Delta R.T. -0.000 min
Lab File: VN088131.D
Acq: 28 Oct 2025 12:14



Tgt Ion: 75 Resp: 115512
Ion Ratio Lower Upper
75 100
77 196.8 89.1 267.4





#77

Bromobenzene

Concen: 21.833 ug/l

RT: 12.959 min Scan# 1871

Delta R.T. -0.000 min

Lab File: VN088131.D

Acq: 28 Oct 2025 12:14

Instrument :

MSVOA_N

ClientSampleId :

VN1028WBS02

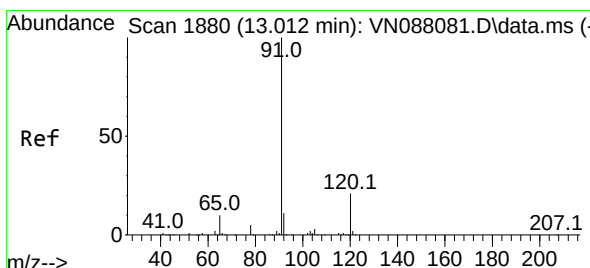
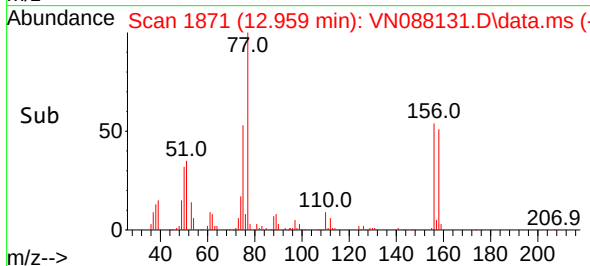
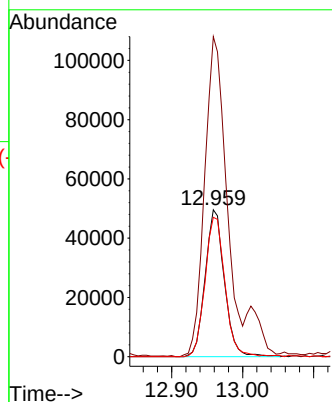
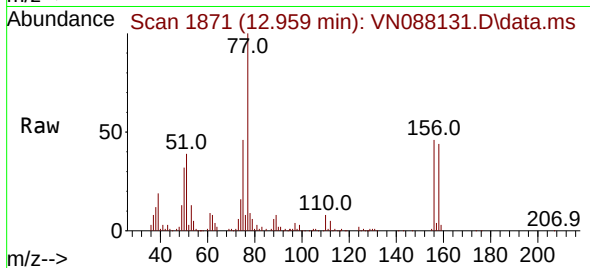
Tgt Ion:	156	Resp:	9351
Ion Ratio	Lower	Upper	
156	100		
77	243.2	119.3	358.0
158	98.4	48.2	144.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/29/2025

Supervised By :Semsettin Yesilyurt 10/29/2025



#78

n-propylbenzene

Concen: 21.701 ug/l

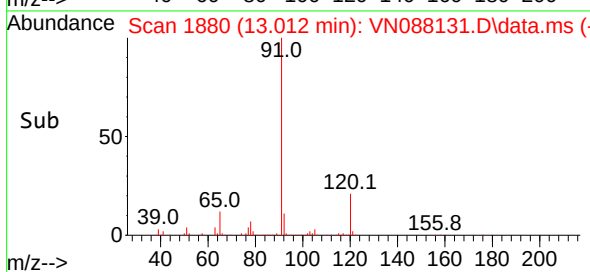
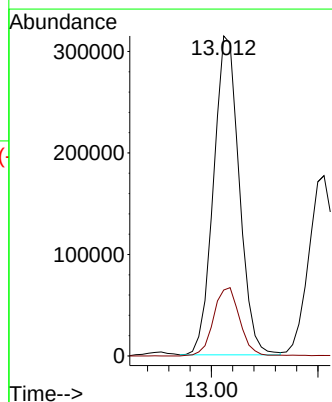
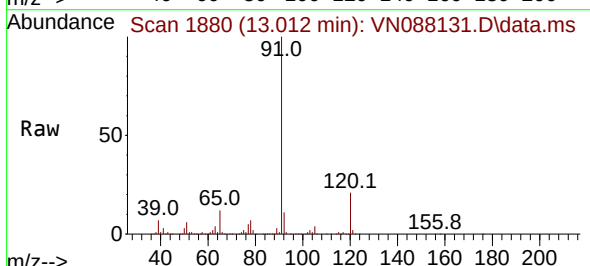
RT: 13.012 min Scan# 1880

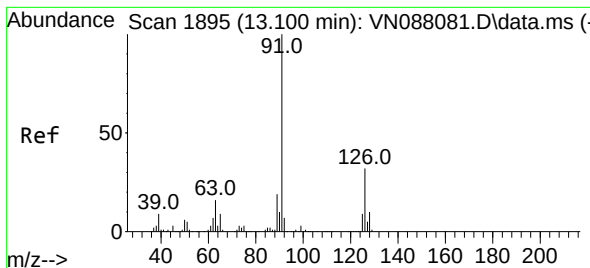
Delta R.T. -0.000 min

Lab File: VN088131.D

Acq: 28 Oct 2025 12:14

Tgt Ion:	91	Resp:	526032
Ion Ratio	Lower	Upper	
91	100		
120	22.0	10.7	32.1





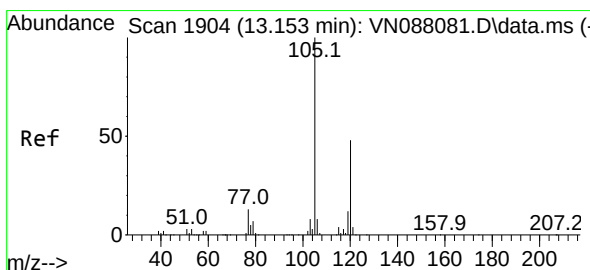
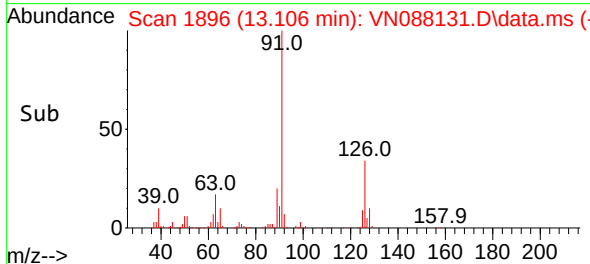
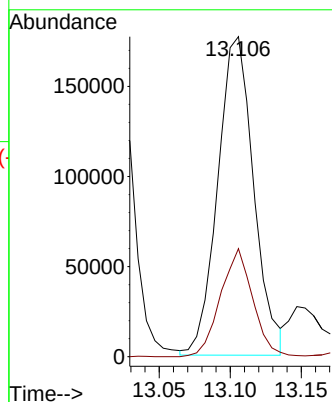
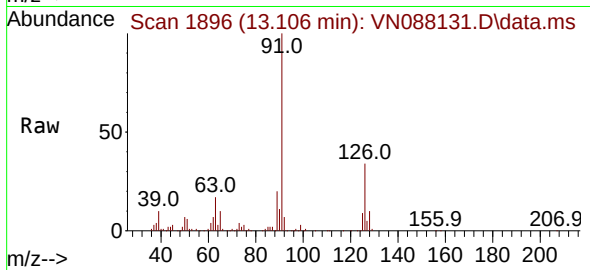
#79
2-Chlorotoluene
Concen: 22.553 ug/l
RT: 13.106 min Scan# 1895
Delta R.T. 0.006 min
Lab File: VN088131.D
Acq: 28 Oct 2025 12:14

Instrument :
MSVOA_N
ClientSampleId :
VN1028WBS02

Tgt Ion: 91 Resp: 311760
Ion Ratio Lower Upper
91 100
126 30.5 16.1 48.3

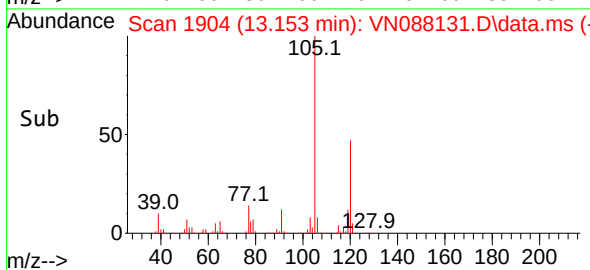
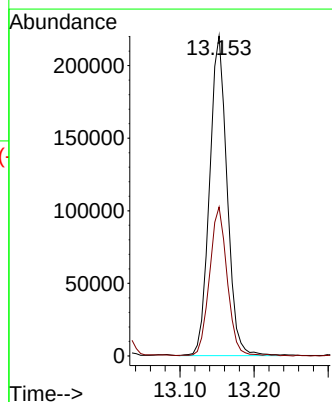
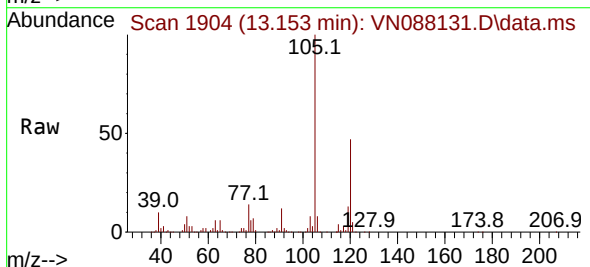
Manual Integrations
APPROVED

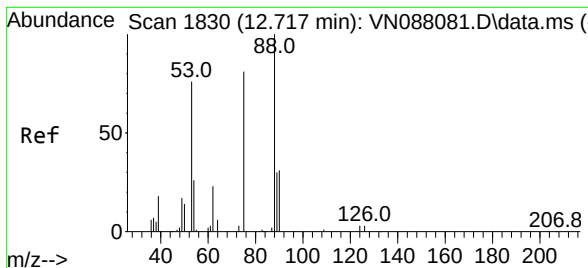
Reviewed By :John Carlone 10/29/2025
Supervised By :Semsettin Yesilyurt 10/29/2025



#80
1,3,5-Trimethylbenzene
Concen: 21.879 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VN088131.D
Acq: 28 Oct 2025 12:14

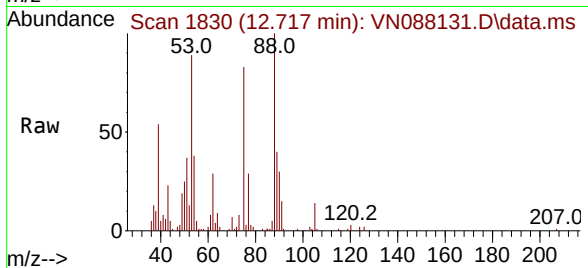
Tgt Ion:105 Resp: 360921
Ion Ratio Lower Upper
105 100
120 46.3 23.2 69.6





#81
trans-1,4-Dichloro-2-butene
Concen: 16.700 ug/l
RT: 12.717 min Scan# 1830
Delta R.T. -0.000 min
Lab File: VN088131.D
Acq: 28 Oct 2025 12:14

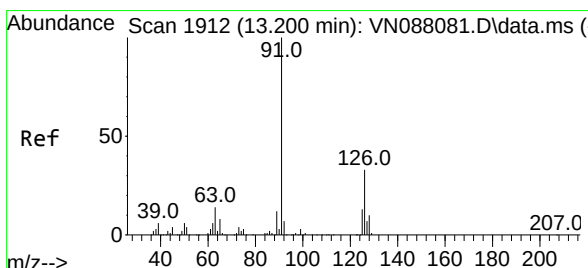
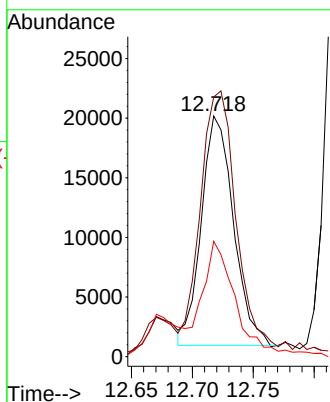
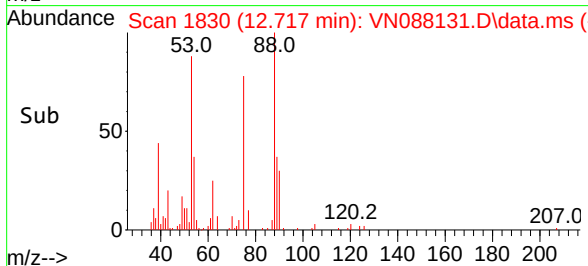
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBS02



Tgt Ion: 75 Resp: 35250
Ion Ratio Lower Upper
75 100
53 131.1 101.8 152.6
89 53.5 35.6 53.4

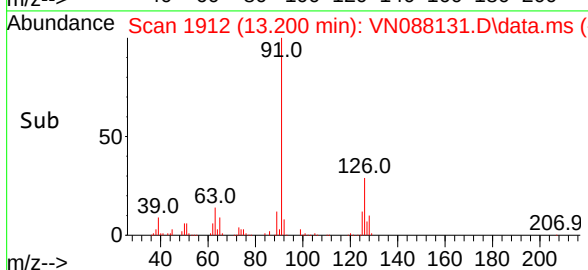
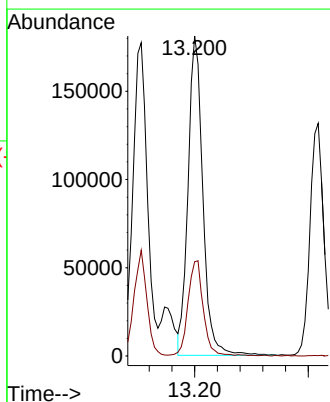
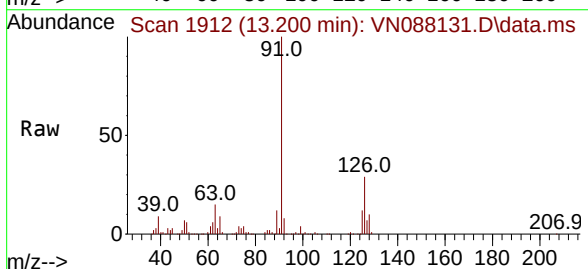
Manual Integrations
APPROVED

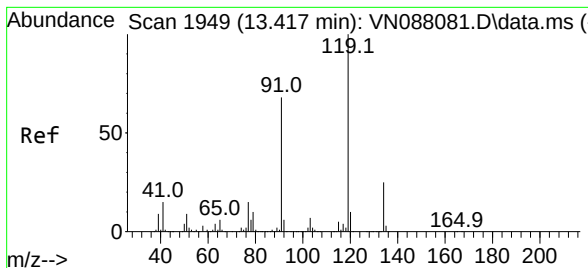
Reviewed By :John Carlone 10/29/2025
Supervised By :Semsettin Yesilyurt 10/29/2025



#82
4-Chlorotoluene
Concen: 21.854 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. -0.000 min
Lab File: VN088131.D
Acq: 28 Oct 2025 12:14

Tgt Ion: 91 Resp: 326837
Ion Ratio Lower Upper
91 100
126 30.3 15.6 46.8





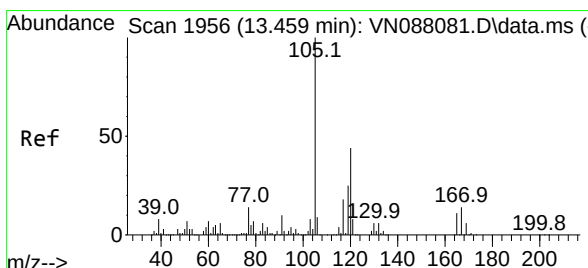
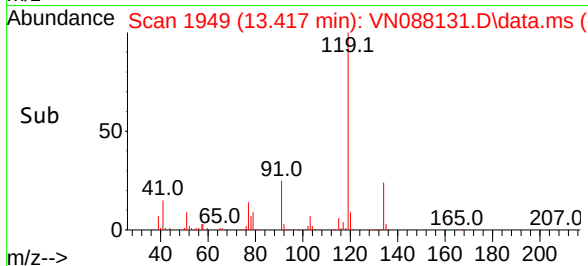
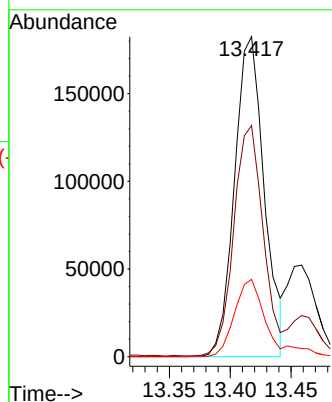
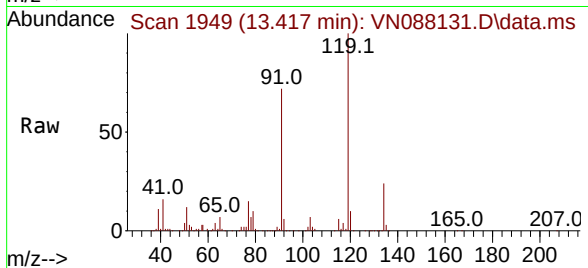
#83
tert-Butylbenzene
Concen: 21.077 ug/l
RT: 13.417 min Scan# 1949
Delta R.T. -0.000 min
Lab File: VN088131.D
Acq: 28 Oct 2025 12:14

Instrument :
MSVOA_N
ClientSampleId :
VN1028WBS02

Tgt Ion:119 Resp: 31059
Ion Ratio Lower Upper
119 100
91 70.8 35.0 105.0
134 26.3 12.6 37.8

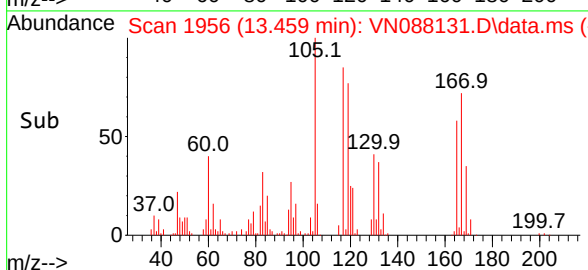
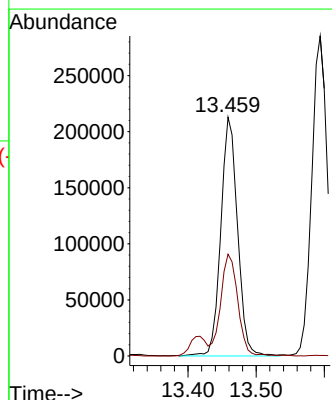
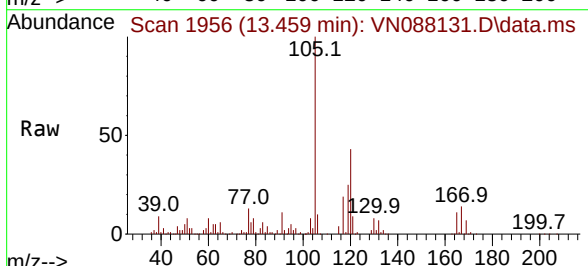
Manual Integrations
APPROVED

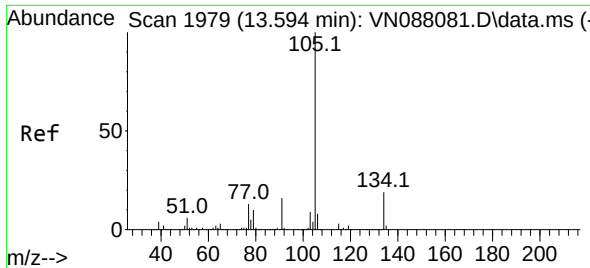
Reviewed By :John Carlone 10/29/2025
Supervised By :Semsettin Yesilyurt 10/29/2025



#84
1,2,4-Trimethylbenzene
Concen: 22.047 ug/l
RT: 13.459 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN088131.D
Acq: 28 Oct 2025 12:14

Tgt Ion:105 Resp: 363876
Ion Ratio Lower Upper
105 100
120 43.4 22.0 66.0





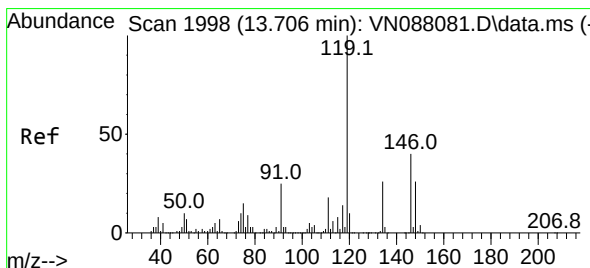
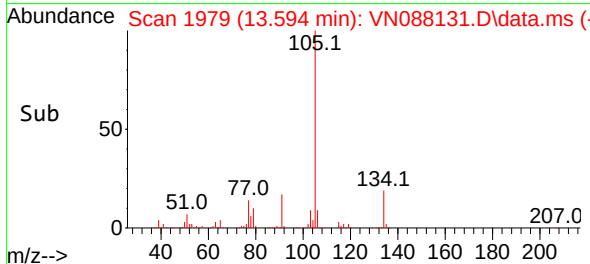
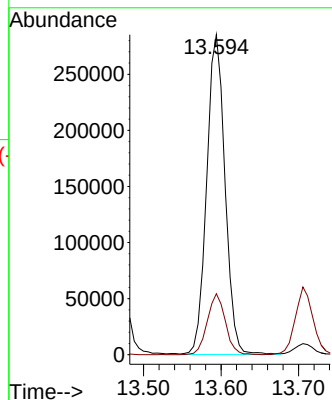
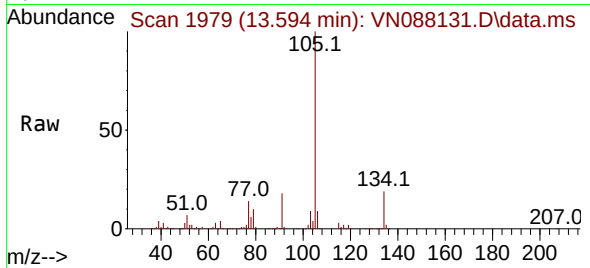
#85
 sec-Butylbenzene
 Concen: 21.594 ug/l
 RT: 13.594 min Scan# 1979
 Delta R.T. -0.000 min
 Lab File: VN088131.D
 Acq: 28 Oct 2025 12:14

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1028WBS02

Tgt Ion:105 Resp: 467520
 Ion Ratio Lower Upper
 105 100
 134 18.8 9.6 28.6

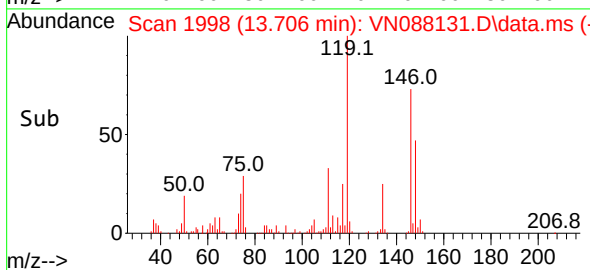
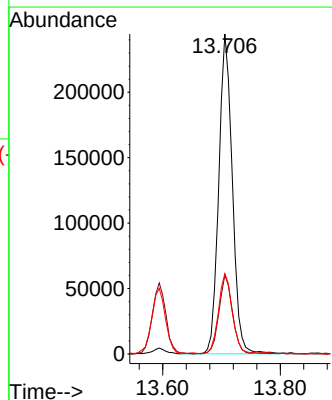
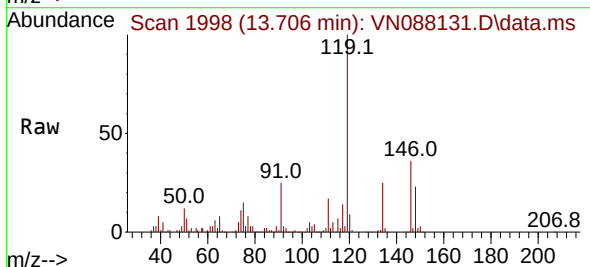
Manual Integrations
 APPROVED

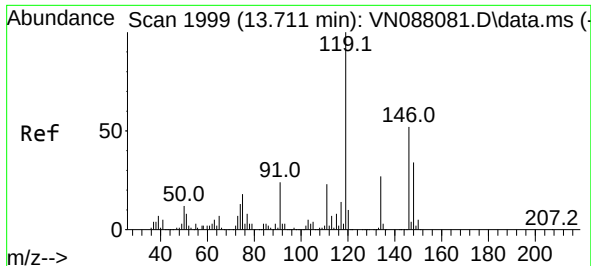
Reviewed By :John Carlone 10/29/2025
 Supervised By :Semsettin Yesilyurt 10/29/2025



#86
 p-Isopropyltoluene
 Concen: 22.463 ug/l
 RT: 13.706 min Scan# 1998
 Delta R.T. -0.000 min
 Lab File: VN088131.D
 Acq: 28 Oct 2025 12:14

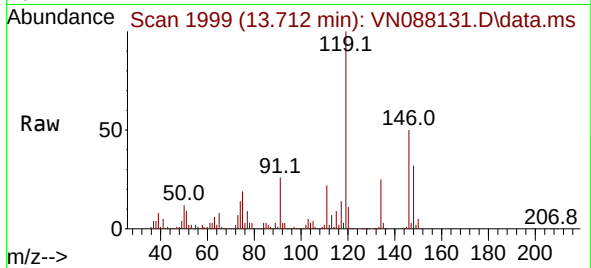
Tgt Ion:119 Resp: 390138
 Ion Ratio Lower Upper
 119 100
 134 25.0 12.7 38.0
 91 25.3 12.5 37.5





#87
1,3-Dichlorobenzene
Concen: 21.596 ug/l
RT: 13.712 min Scan# 1999
Delta R.T. -0.000 min
Lab File: VN088131.D
Acq: 28 Oct 2025 12:14

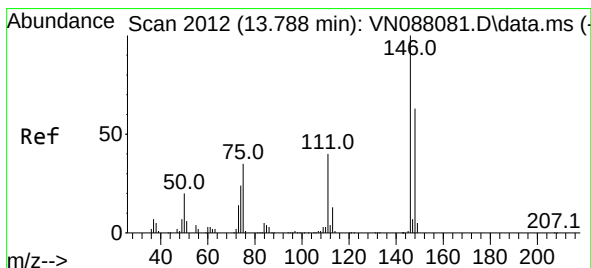
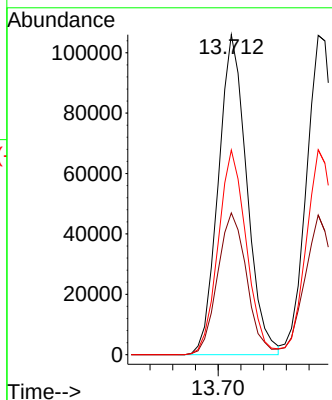
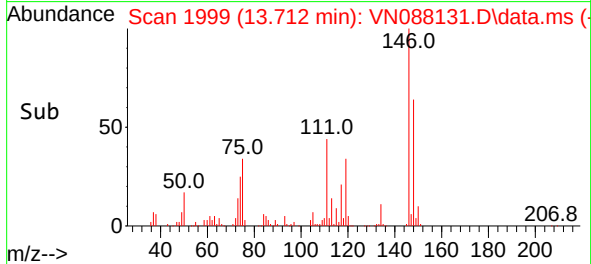
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBS02



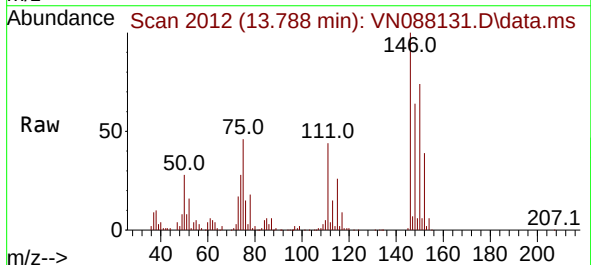
Tgt Ion:146 Resp: 184650
Ion Ratio Lower Upper
146 100
111 45.1 22.1 66.5
148 63.2 32.0 96.2

Manual Integrations
APPROVED

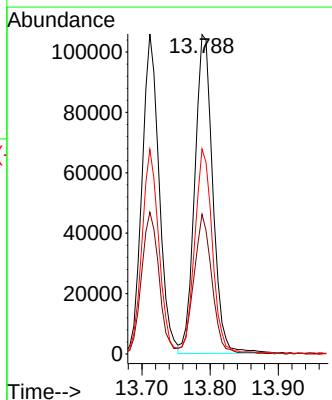
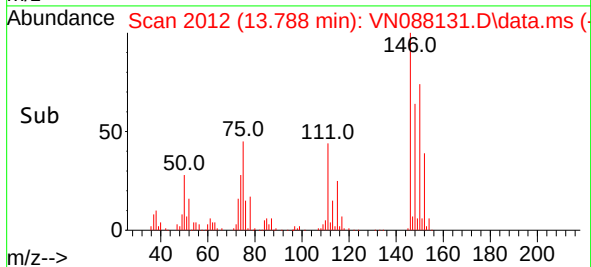
Reviewed By :John Carlone 10/29/2025
Supervised By :Semsettin Yesilyurt 10/29/2025

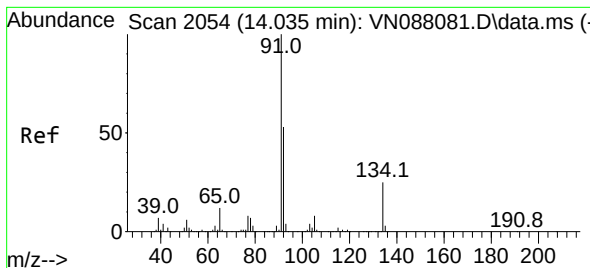


#88
1,4-Dichlorobenzene
Concen: 21.055 ug/l
RT: 13.788 min Scan# 1212
Delta R.T. -0.000 min
Lab File: VN088131.D
Acq: 28 Oct 2025 12:14



Tgt Ion:146 Resp: 193366
Ion Ratio Lower Upper
146 100
111 43.6 21.0 63.0
148 63.9 32.0 96.0





#89

n-Butylbenzene

Concen: 21.468 ug/l

RT: 14.035 min Scan# 2054

Delta R.T. 0.006 min

Lab File: VN088131.D

Acq: 28 Oct 2025 12:14

Instrument :

MSVOA_N

ClientSampleId :

VN1028WBS02

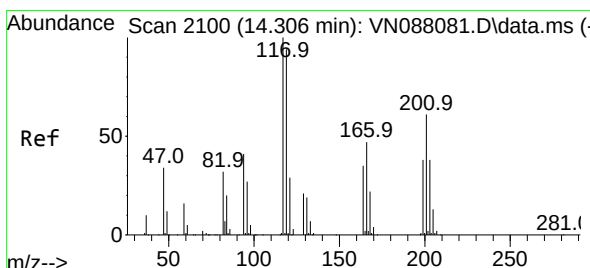
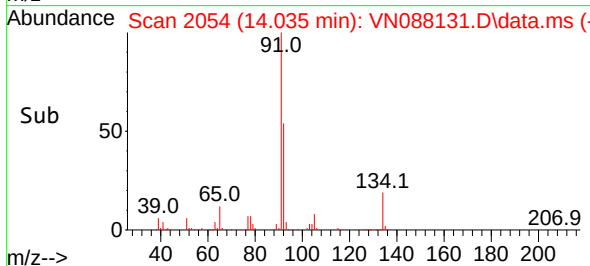
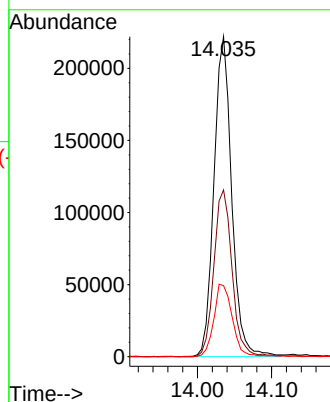
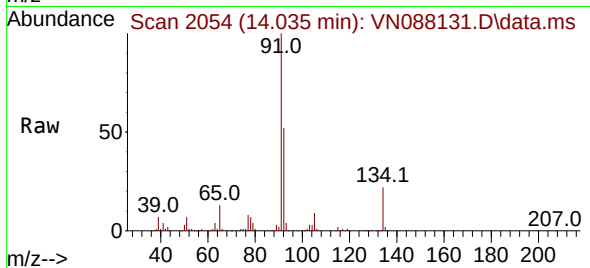
Tgt Ion: 91 Resp: 36933
 Ion Ratio Lower Upper
 91 100
 92 53.6 25.9 77.8
 134 23.6 11.7 35.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/29/2025

Supervised By :Semsettin Yesilyurt 10/29/2025



#90

Hexachloroethane

Concen: 20.081 ug/l

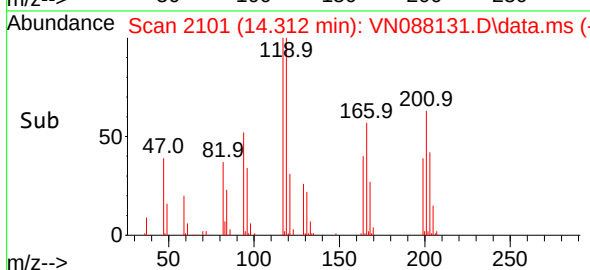
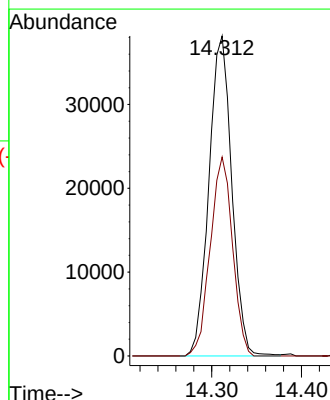
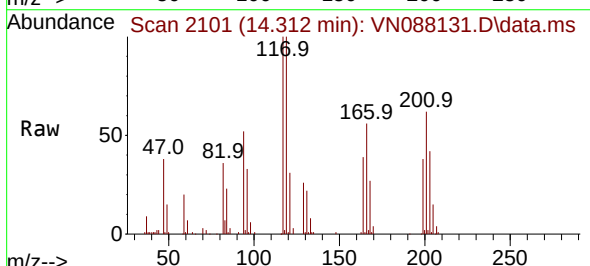
RT: 14.312 min Scan# 2101

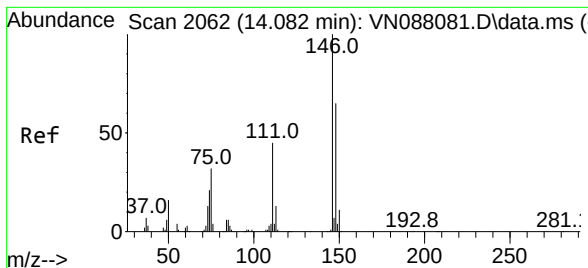
Delta R.T. -0.000 min

Lab File: VN088131.D

Acq: 28 Oct 2025 12:14

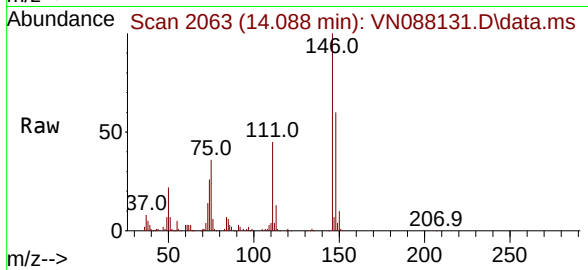
Tgt Ion:117 Resp: 67538
 Ion Ratio Lower Upper
 117 100
 201 60.5 29.1 87.4





#91
1,2-Dichlorobenzene
Concen: 21.434 ug/l
RT: 14.088 min Scan# 2062
Delta R.T. 0.006 min
Lab File: VN088131.D
Acq: 28 Oct 2025 12:14

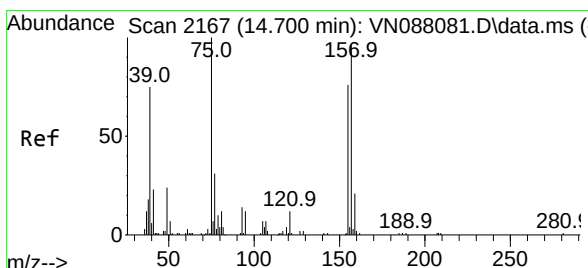
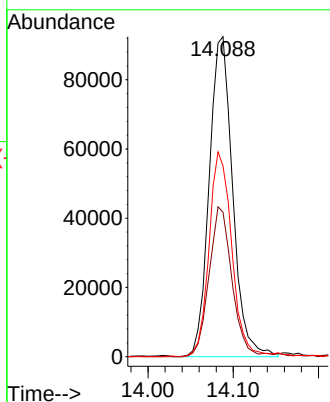
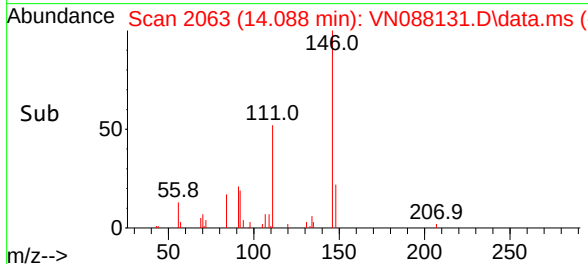
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBS02



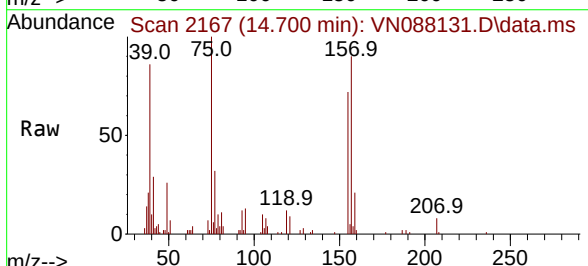
Tgt Ion:146 Resp: 176669
Ion Ratio Lower Upper
146 100
111 46.3 22.6 67.8
148 62.7 31.9 95.9

Manual Integrations
APPROVED

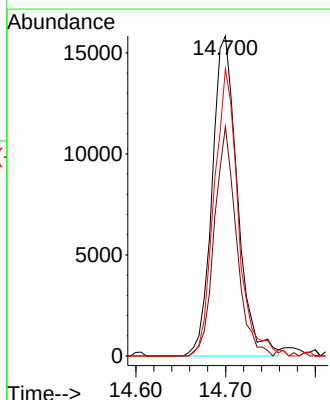
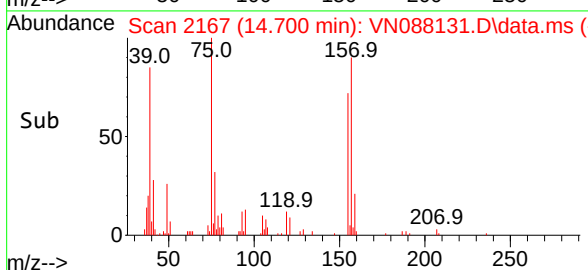
Reviewed By :John Carlone 10/29/2025
Supervised By :Semsettin Yesilyurt 10/29/2025

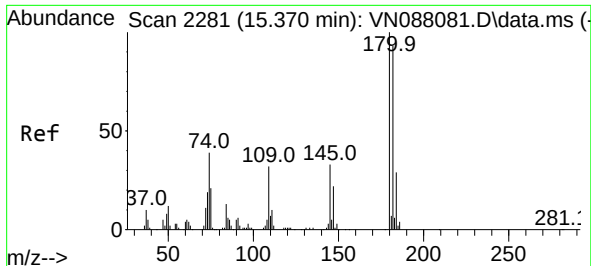


#92
1,2-Dibromo-3-Chloropropane
Concen: 21.535 ug/l
RT: 14.700 min Scan# 2167
Delta R.T. -0.000 min
Lab File: VN088131.D
Acq: 28 Oct 2025 12:14



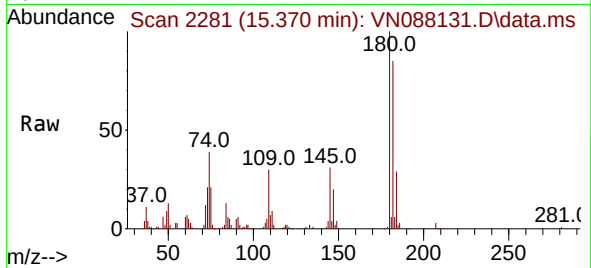
Tgt Ion: 75 Resp: 30996
Ion Ratio Lower Upper
75 100
155 62.6 36.6 109.9
157 85.3 45.6 136.9





#93
1,2,4-Trichlorobenzene
Concen: 21.780 ug/l
RT: 15.370 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN088131.D
Acq: 28 Oct 2025 12:14

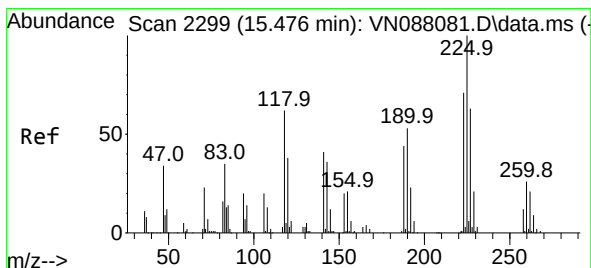
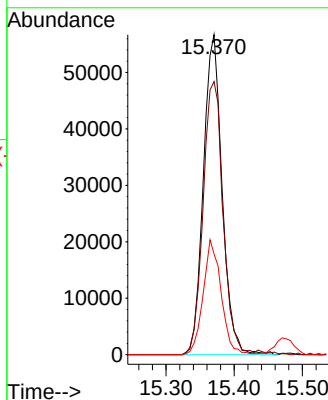
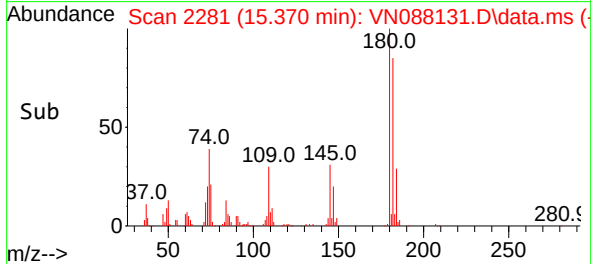
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBS02



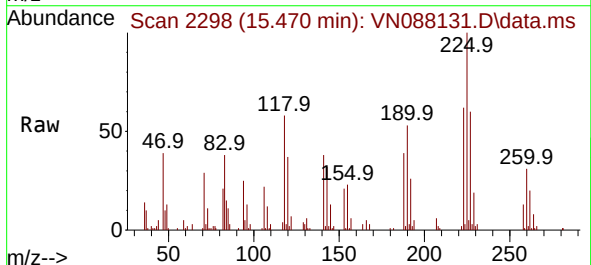
Tgt Ion:180 Resp: 108720
Ion Ratio Lower Upper
180 100
182 90.5 47.6 142.9
145 34.5 16.5 49.5

Manual Integrations
APPROVED

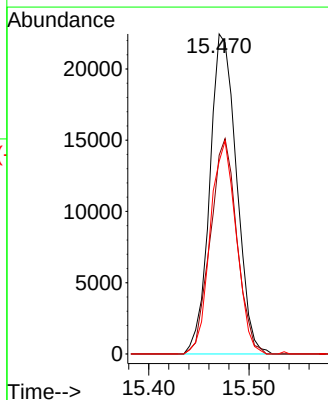
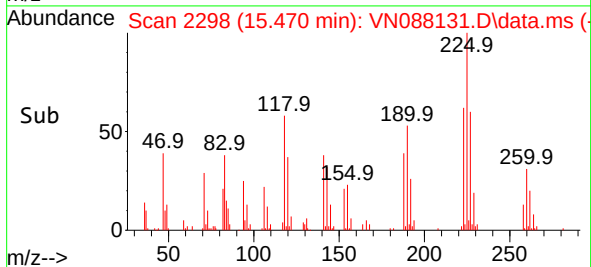
Reviewed By :John Carlone 10/29/2025
Supervised By :Semsettin Yesilyurt 10/29/2025

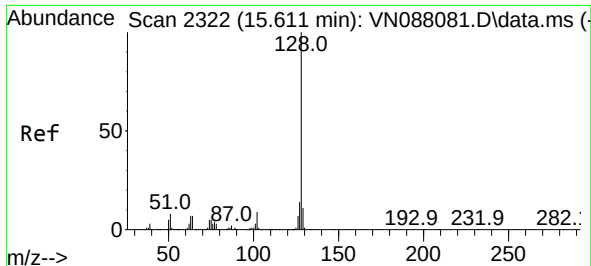


#94
Hexachlorobutadiene
Concen: 22.362 ug/l
RT: 15.470 min Scan# 2298
Delta R.T. -0.006 min
Lab File: VN088131.D
Acq: 28 Oct 2025 12:14



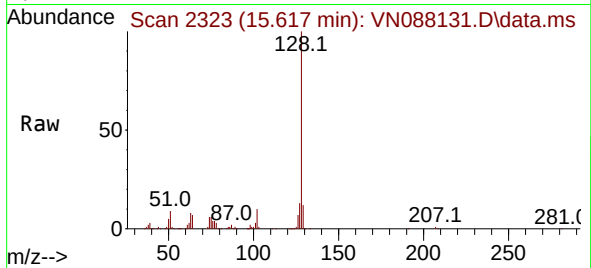
Tgt Ion:225 Resp: 41569
Ion Ratio Lower Upper
225 100
223 66.7 32.0 96.2
227 64.7 32.1 96.5





#95
Naphthalene
Concen: 20.805 ug/l
RT: 15.617 min Scan# 2322
Delta R.T. 0.006 min
Lab File: VN088131.D
Acq: 28 Oct 2025 12:14

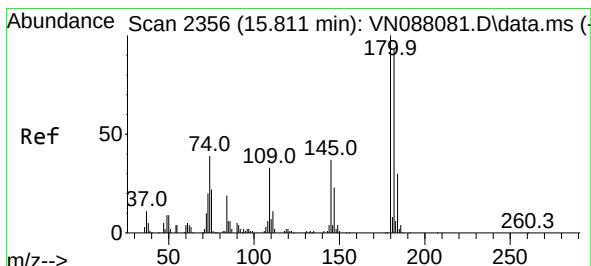
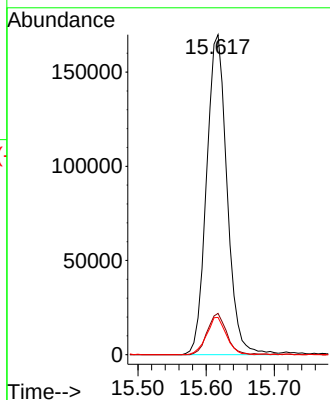
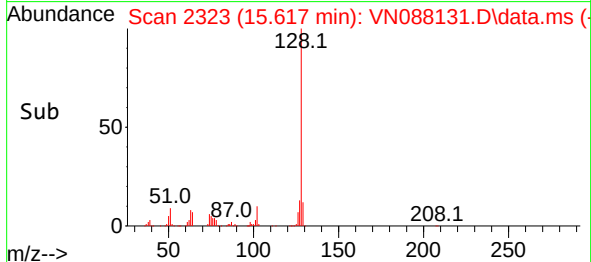
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBS02



Tgt Ion:128 Resp: 355769
Ion Ratio Lower Upper
128 100
127 12.2 10.6 15.8
129 11.3 8.6 12.8

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 21.473 ug/l
RT: 15.811 min Scan# 2356
Delta R.T. -0.000 min
Lab File: VN088131.D
Acq: 28 Oct 2025 12:14

Tgt Ion:180 Resp: 102773
Ion Ratio Lower Upper
180 100
182 96.2 46.8 140.3
145 35.7 17.3 52.0

