

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102725\
 Data File : VN088106.D
 Acq On : 27 Oct 2025 12:29
 Operator : JC\MD
 Sample : VN1027WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1027WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/28/2025
 Supervised By : Semsettin Yesilyurt 10/28/2025

Quant Time: Oct 28 01:23:34 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 25 00:15:22 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.206	168	293635	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.083	114	537984	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	482887	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.771	152	241641	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	286315	56.388	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 112.780%			
35) Dibromofluoromethane	8.147	113	191693	53.039	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.080%			
50) Toluene-d8	10.547	98	709565	50.952	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.900%			
62) 4-Bromofluorobenzene	12.829	95	260025	52.870	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 105.740%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.142	85	71261	21.515	ug/l	100
3) Chloromethane	2.383	50	82410	21.149	ug/l	94
4) Vinyl Chloride	2.536	62	88801	20.915	ug/l	99
5) Bromomethane	2.983	94	51246	20.180	ug/l	97
6) Chloroethane	3.142	64	57847	18.911	ug/l	98
7) Trichlorofluoromethane	3.518	101	132934	19.631	ug/l	99
8) Diethyl Ether	3.959	74	53161	21.123	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.371	101	70709	20.235	ug/l	98
10) Methyl Iodide	4.589	142	66091	21.775	ug/l	97
11) Tert butyl alcohol	5.512	59	108104	123.582	ug/l	97
12) 1,1-Dichloroethene	4.336	96	69616	18.863	ug/l	99
13) Acrolein	4.177	56	129096	131.202	ug/l	99
14) Allyl chloride	5.012	41	135399	20.931	ug/l	98
15) Acrylonitrile	5.712	53	274230	115.088	ug/l	97
16) Acetone	4.424	43	266262	104.380	ug/l	98
17) Carbon Disulfide	4.700	76	223663	19.936	ug/l	99
18) Methyl Acetate	5.018	43	120505	23.075	ug/l	98
19) Methyl tert-butyl Ether	5.783	73	295383	21.793	ug/l	98
20) Methylene Chloride	5.265	84	91370	23.430	ug/l	95
21) trans-1,2-Dichloroethene	5.777	96	78762	19.442	ug/l	98
22) Diisopropyl ether	6.659	45	306895	22.558	ug/l	95
23) Vinyl Acetate	6.589	43	1414608	115.435	ug/l	99
24) 1,1-Dichloroethane	6.559	63	166720	22.123	ug/l	98
25) 2-Butanone	7.471	43	378924	112.718	ug/l	98
26) 2,2-Dichloropropane	7.477	77	143368	20.935	ug/l	98
27) cis-1,2-Dichloroethene	7.477	96	97110	20.823	ug/l	93
28) Bromochloromethane	7.800	49	89712	25.194	ug/l	100
29) Tetrahydrofuran	7.824	42	246891	112.693	ug/l	97
30) Chloroform	7.947	83	165210	21.944	ug/l	99
31) Cyclohexane	8.241	56	151540	21.321	ug/l	95
32) 1,1,1-Trichloroethane	8.147	97	144935	21.615	ug/l	95
36) 1,1-Dichloropropene	8.353	75	112263	21.273	ug/l	98
37) Ethyl Acetate	7.547	43	154256	22.651	ug/l	98
38) Carbon Tetrachloride	8.347	117	118077	21.664	ug/l	96
39) Methylcyclohexane	9.583	83	138896	20.477	ug/l	96
40) Benzene	8.588	78	350057	21.781	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.765	41	77520	21.628	ug/l	97
42) 1,2-Dichloroethane	8.653	62	139879	24.496	ug/l	99
43) Isopropyl Acetate	8.671	43	244736	23.387	ug/l	99
44) Trichloroethene	9.335	130	80145	21.335	ug/l	100
45) 1,2-Dichloropropane	9.600	63	92446	22.785	ug/l	97
46) Dibromomethane	9.688	93	69022	23.852	ug/l	98
47) Bromodichloromethane	9.871	83	134451	23.207	ug/l	98
48) Methyl methacrylate	9.665	41	114540	23.708	ug/l	98
49) 1,4-Dioxane	9.677	88	30609	509.401	ug/l #	93
51) 4-Methyl-2-Pentanone	10.424	43	749132	121.010	ug/l	100
52) Toluene	10.612	92	213928	21.590	ug/l	98
53) t-1,3-Dichloropropene	10.818	75	139103	22.559	ug/l	99
54) cis-1,3-Dichloropropene	10.294	75	146812	22.437	ug/l	99
55) 1,1,2-Trichloroethane	10.994	97	83503	22.213	ug/l	99
56) Ethyl methacrylate	10.859	69	140931	23.690	ug/l	98
57) 1,3-Dichloropropane	11.141	76	153031	23.160	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.141	63	325457	105.175	ug/l	100
59) 2-Hexanone	11.177	43	497859	121.230	ug/l	97
60) Dibromochloromethane	11.341	129	94099	22.023	ug/l	99
61) 1,2-Dibromoethane	11.447	107	87889	22.717	ug/l	100
64) Tetrachloroethene	11.082	164	68115	21.385	ug/l	97
65) Chlorobenzene	11.871	112	232930	21.243	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.941	131	80083	22.293	ug/l	98
67) Ethyl Benzene	11.941	91	410996	21.354	ug/l	100
68) m/p-Xylenes	12.047	106	304906	42.281	ug/l	100
69) o-Xylene	12.376	106	146136	21.377	ug/l	99
70) Styrene	12.388	104	246549	22.117	ug/l	97
71) Bromoform	12.559	173	60938	22.731	ug/l #	96
73) Isopropylbenzene	12.676	105	384577	20.635	ug/l	100
74) N-amyl acetate	12.606	43	118608m	22.419	ug/l	
75) 1,1,2,2-Tetrachloroethane	12.918	83	129987	22.402	ug/l	99
76) 1,2,3-Trichloropropane	12.971	75	111389m	20.162	ug/l	
77) Bromobenzene	12.959	156	90382	22.489	ug/l	99
78) n-propylbenzene	13.012	91	477927	21.014	ug/l	100
79) 2-Chlorotoluene	13.106	91	285224	21.990	ug/l	97
80) 1,3,5-Trimethylbenzene	13.153	105	329515	21.289	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.718	75	37323	18.845	ug/l	95
82) 4-Chlorotoluene	13.200	91	294217	20.967	ug/l	98
83) tert-Butylbenzene	13.418	119	277442	20.066	ug/l	97
84) 1,2,4-Trimethylbenzene	13.459	105	328873	21.236	ug/l	99
85) sec-Butylbenzene	13.594	105	417041	20.529	ug/l	99
86) p-Isopropyltoluene	13.706	119	341638	20.964	ug/l	98
87) 1,3-Dichlorobenzene	13.712	146	172884	21.549	ug/l	100
88) 1,4-Dichlorobenzene	13.788	146	179380	20.817	ug/l	98
89) n-Butylbenzene	14.035	91	337732	20.922	ug/l	99
90) Hexachloroethane	14.306	117	63496	20.120	ug/l	95
91) 1,2-Dichlorobenzene	14.082	146	168164	21.745	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.694	75	31995	23.691	ug/l	90
93) 1,2,4-Trichlorobenzene	15.370	180	100963	21.556	ug/l	99
94) Hexachlorobutadiene	15.476	225	38434	22.036	ug/l	98
95) Naphthalene	15.612	128	337829	21.055	ug/l	100
96) 1,2,3-Trichlorobenzene	15.812	180	95974	21.371	ug/l	99

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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

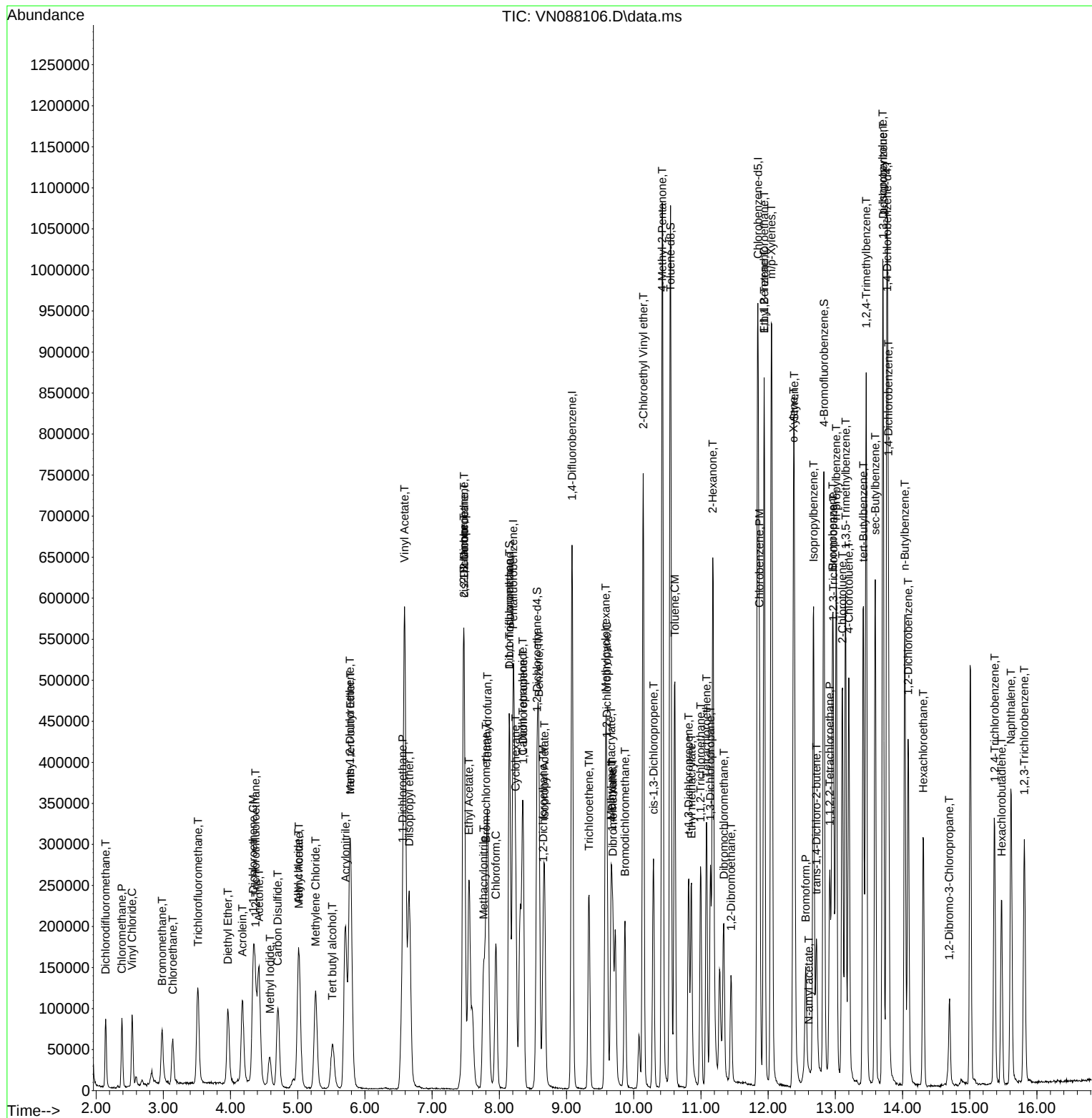
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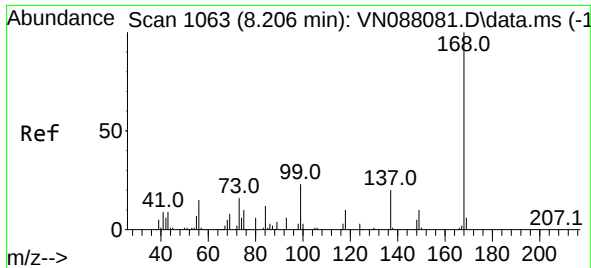
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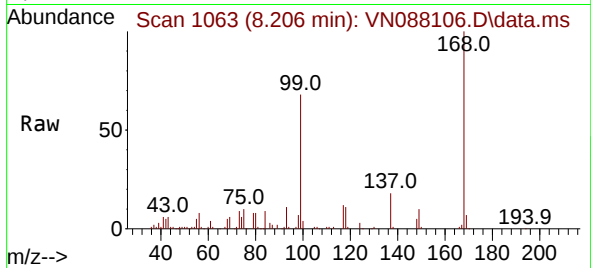
Reviewed By :John Carlone 10/28/2025
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VN088106.D
Acq: 27 Oct 2025 12:29

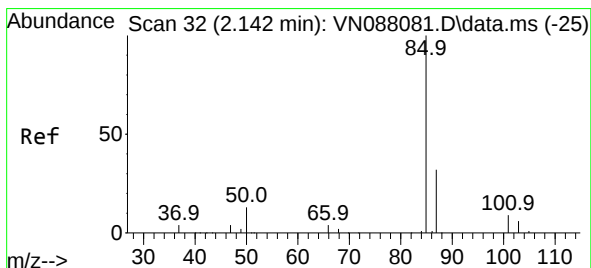
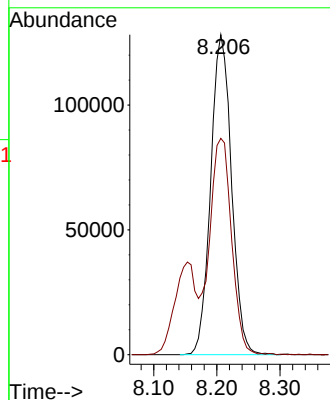
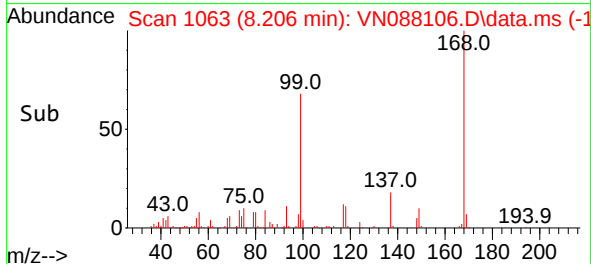
Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion:168 Resp: 29363
Ion Ratio Lower Upper
168 100
99 67.4 57.2 85.8

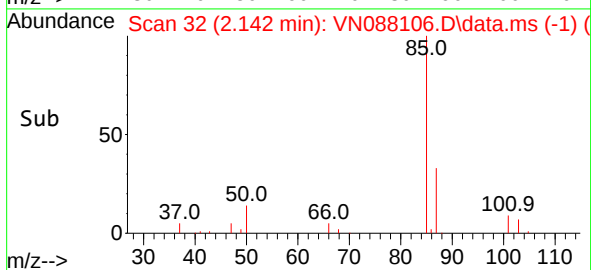
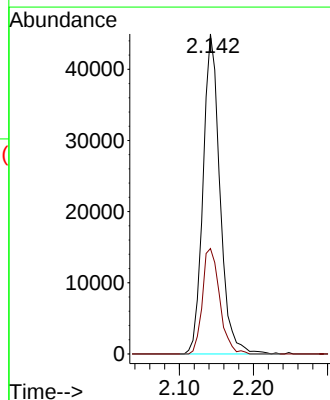
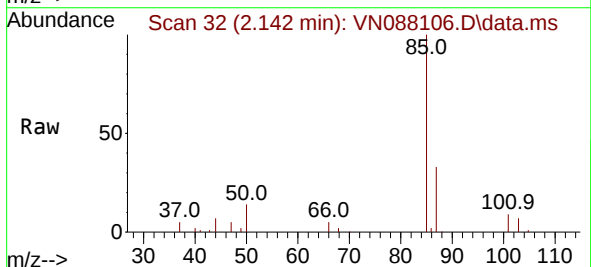
Manual Integrations
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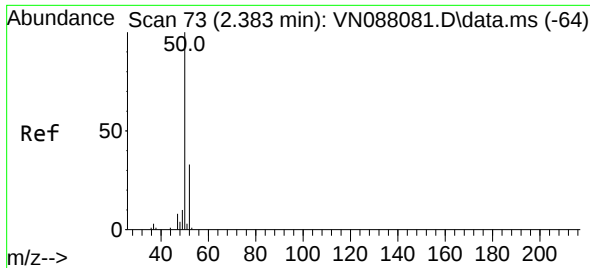
Reviewed By :John Carlone 10/28/2025
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#2
Dichlorodifluoromethane
Concen: 21.515 ug/l
RT: 2.142 min Scan# 32
Delta R.T. 0.000 min
Lab File: VN088106.D
Acq: 27 Oct 2025 12:29

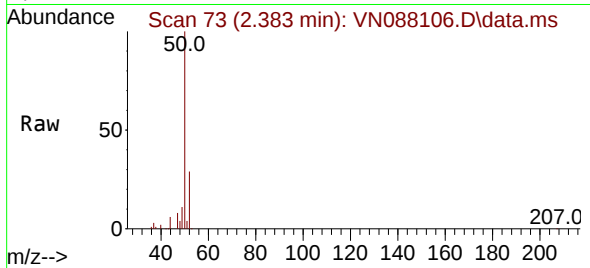
Tgt Ion: 85 Resp: 71261
Ion Ratio Lower Upper
85 100
87 32.9 16.6 49.8





#3
Chloromethane
Concen: 21.149 ug/l
RT: 2.383 min Scan# 73
Delta R.T. 0.000 min
Lab File: VN088106.D
Acq: 27 Oct 2025 12:29

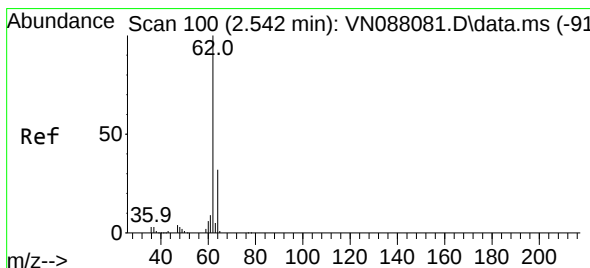
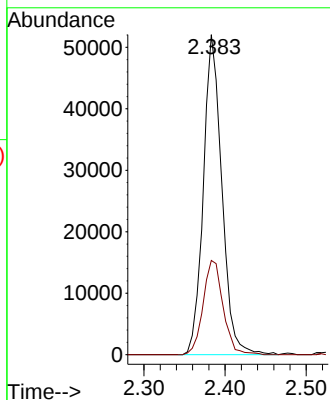
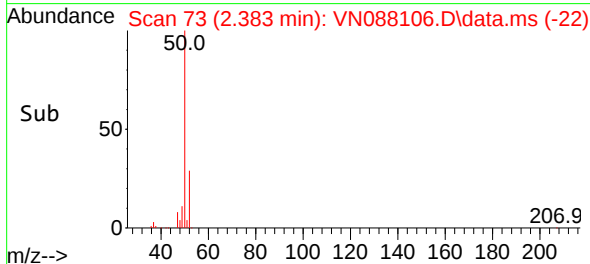
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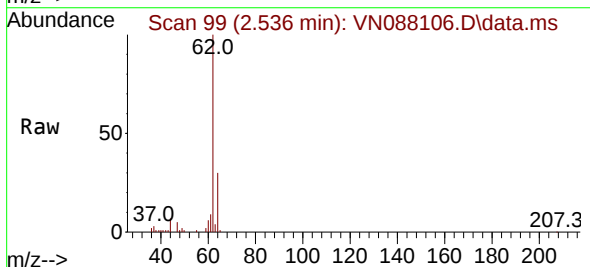
Tgt Ion: 50 Resp: 82410
Ion Ratio Lower Upper
50 100
52 29.5 26.2 39.4

Manual Integrations
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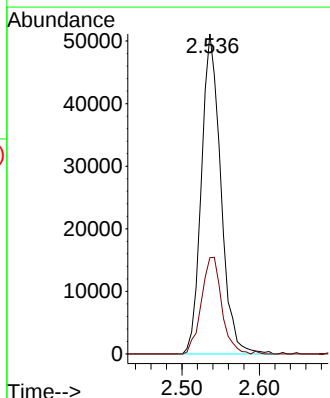
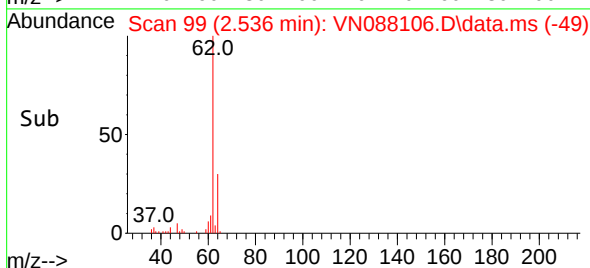
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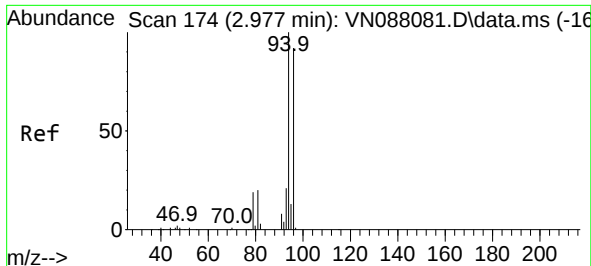


#4
Vinyl Chloride
Concen: 20.915 ug/l
RT: 2.536 min Scan# 99
Delta R.T. -0.006 min
Lab File: VN088106.D
Acq: 27 Oct 2025 12:29



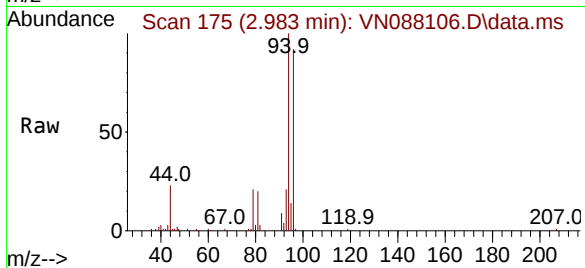
Tgt Ion: 62 Resp: 88801
Ion Ratio Lower Upper
62 100
64 30.1 24.6 37.0





#5
Bromomethane
Concen: 20.180 ug/l
RT: 2.983 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN088106.D
Acq: 27 Oct 2025 12:29

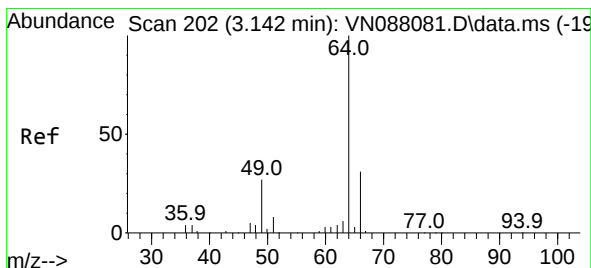
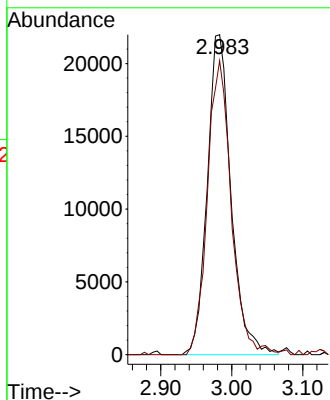
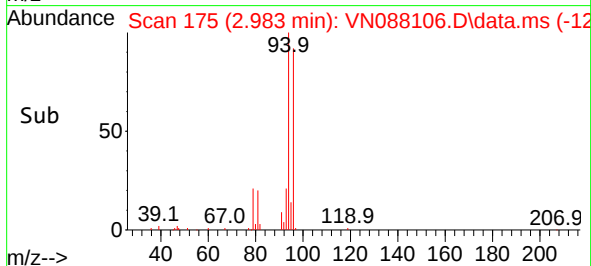
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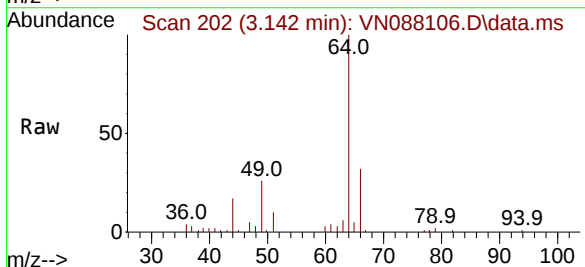
Tgt Ion: 94 Resp: 51240
Ion Ratio Lower Upper
94 100
96 91.8 75.4 113.2

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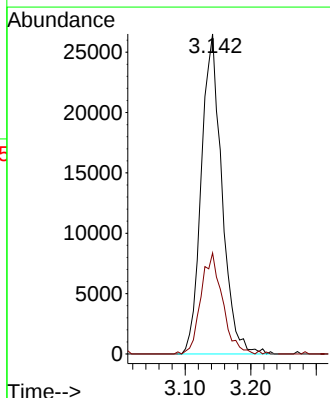
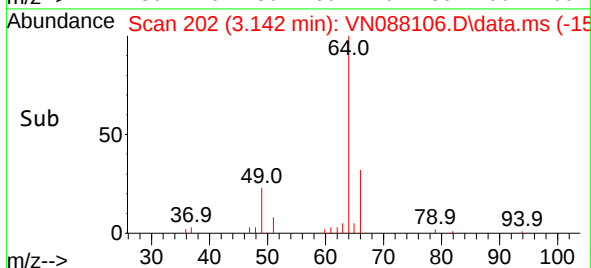
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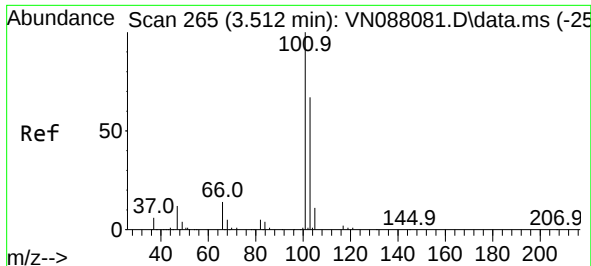


#6
Chloroethane
Concen: 18.911 ug/l
RT: 3.142 min Scan# 202
Delta R.T. 0.006 min
Lab File: VN088106.D
Acq: 27 Oct 2025 12:29



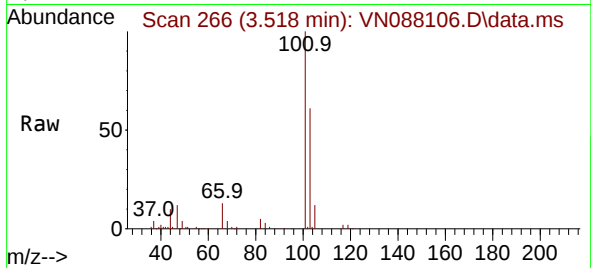
Tgt Ion: 64 Resp: 57847
Ion Ratio Lower Upper
64 100
66 31.6 26.2 39.2





#7
Trichlorofluoromethane
Concen: 19.631 ug/l
RT: 3.518 min Scan# 265
Delta R.T. 0.006 min
Lab File: VN088106.D
Acq: 27 Oct 2025 12:29

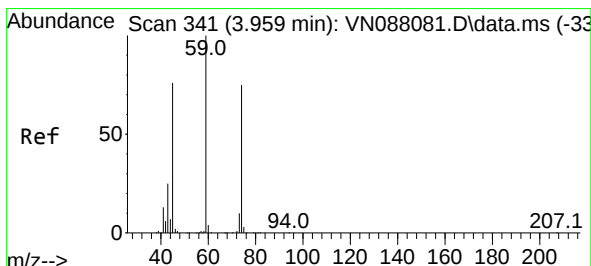
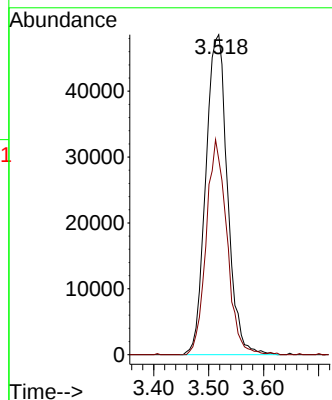
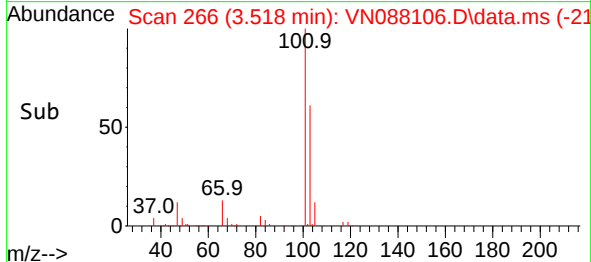
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Tgt Ion:101 Resp: 132934
Ion Ratio Lower Upper
101 100
103 61.0 49.4 74.0

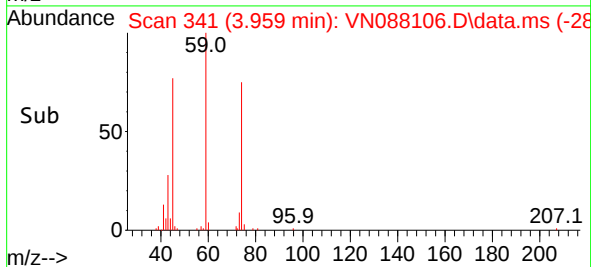
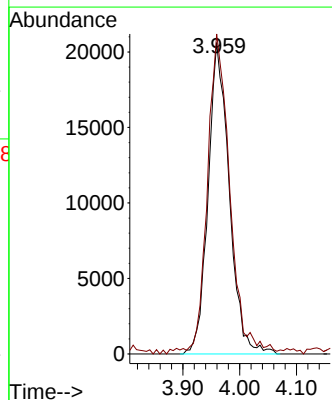
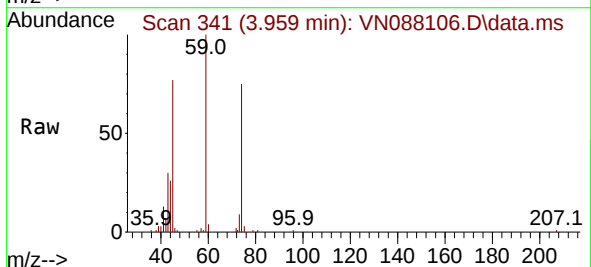
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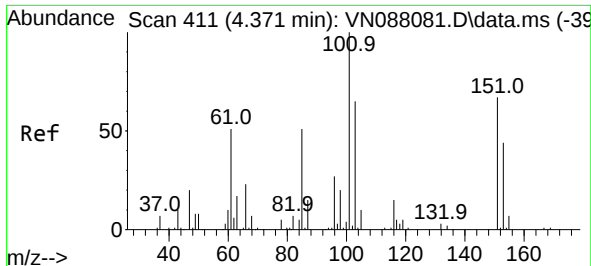
Reviewed By :John Carlone 10/28/2025
Supervised By :Semsettin Yesilyurt 10/28/2025



#8
Diethyl Ether
Concen: 21.123 ug/l
RT: 3.959 min Scan# 341
Delta R.T. 0.006 min
Lab File: VN088106.D
Acq: 27 Oct 2025 12:29

Tgt Ion: 74 Resp: 53161
Ion Ratio Lower Upper
74 100
45 105.4 50.6 151.9





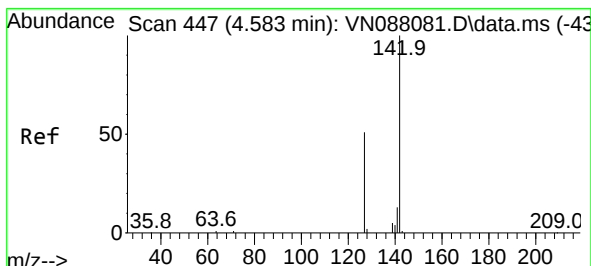
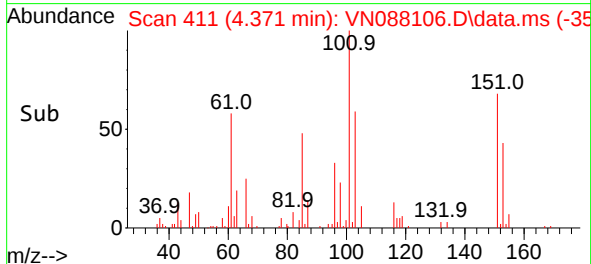
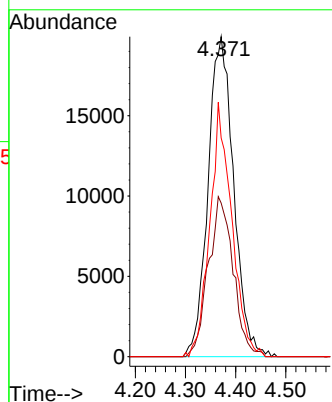
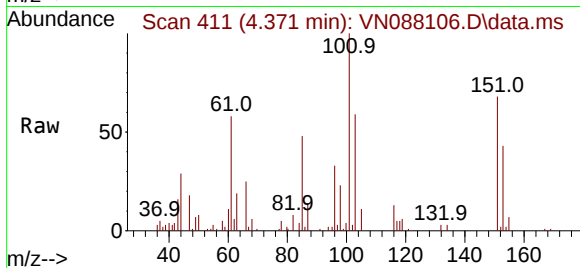
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.235 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN088106.D
Acq: 27 Oct 2025 12:29

Instrument :
MSVOA_N
ClientSampleId :
VN1027WBSD01

Tgt Ion:101 Resp: 70709
Ion Ratio Lower Upper
101 100
85 48.4 36.6 55.0
151 67.9 54.7 82.1

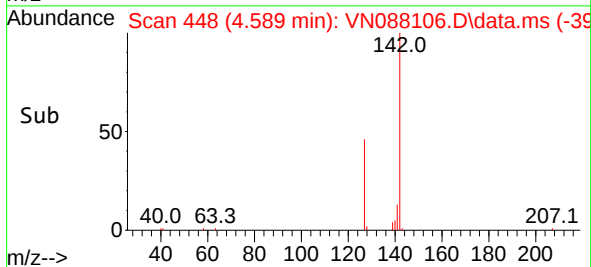
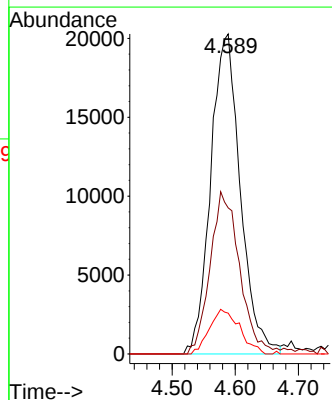
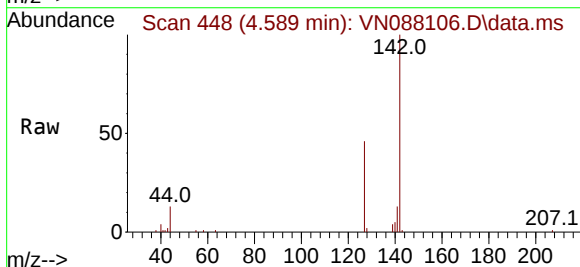
Manual Integrations
APPROVED

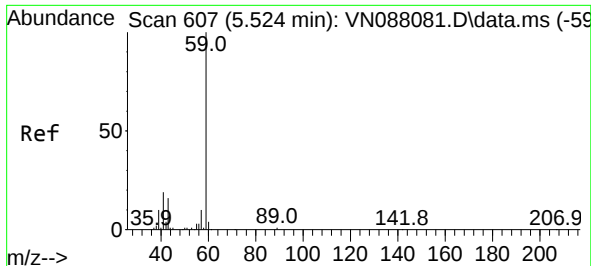
Reviewed By :John Carlone 10/28/2025
Supervised By :Semsettin Yesilyurt 10/28/2025



#10
Methyl Iodide
Concen: 21.775 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.012 min
Lab File: VN088106.D
Acq: 27 Oct 2025 12:29

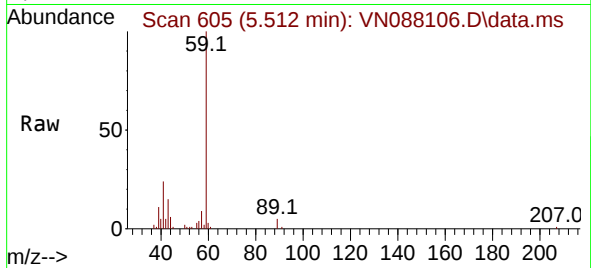
Tgt Ion:142 Resp: 66091
Ion Ratio Lower Upper
142 100
127 45.6 38.0 57.0
141 12.7 12.0 18.0





#11
Tert butyl alcohol
Concen: 123.582 ug/l
RT: 5.512 min Scan# 607
Delta R.T. -0.006 min
Lab File: VN088106.D
Acq: 27 Oct 2025 12:29

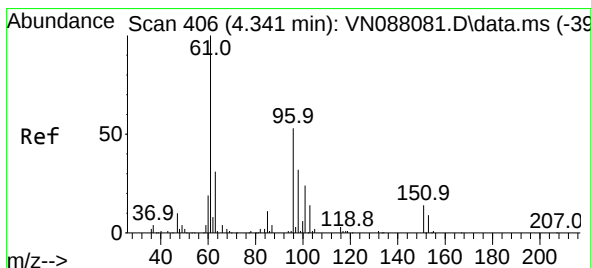
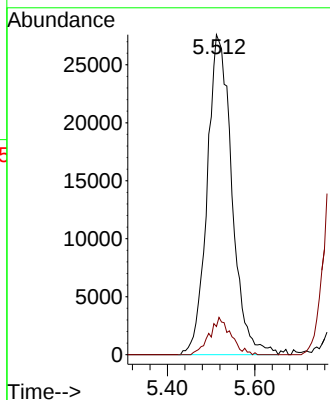
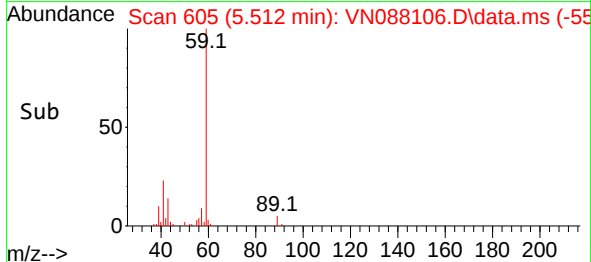
Instrument :
MSVOA_N
ClientSampleId :
VN1027WBSD01



Tgt Ion: 59 Resp: 108104
Ion Ratio Lower Upper
59 100
57 10.1 9.0 13.4

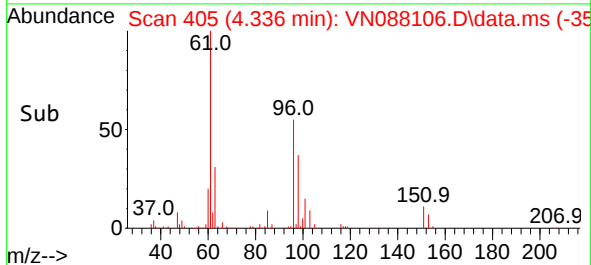
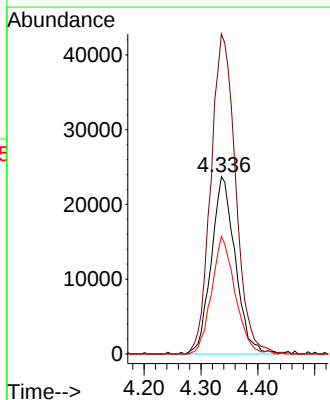
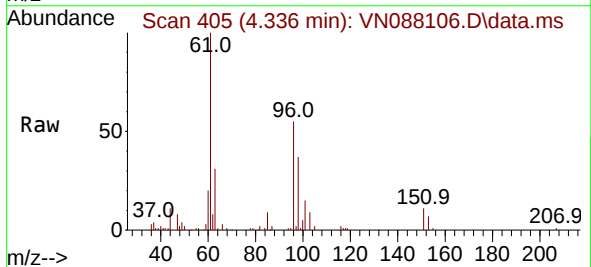
Manual Integrations
APPROVED

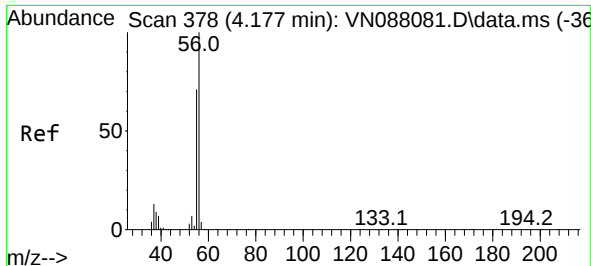
Reviewed By :John Carlone 10/28/2025
Supervised By :Semsettin Yesilyurt 10/28/2025



#12
1,1-Dichloroethene
Concen: 18.863 ug/l
RT: 4.336 min Scan# 405
Delta R.T. 0.000 min
Lab File: VN088106.D
Acq: 27 Oct 2025 12:29

Tgt Ion: 96 Resp: 69616
Ion Ratio Lower Upper
96 100
61 180.6 143.8 215.8
98 66.3 52.1 78.1





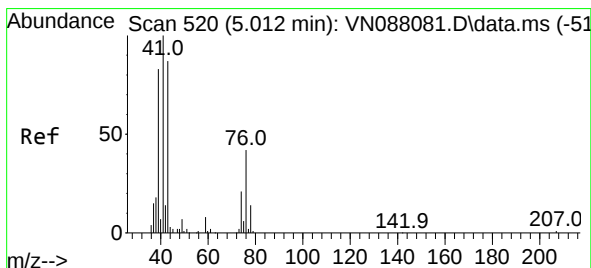
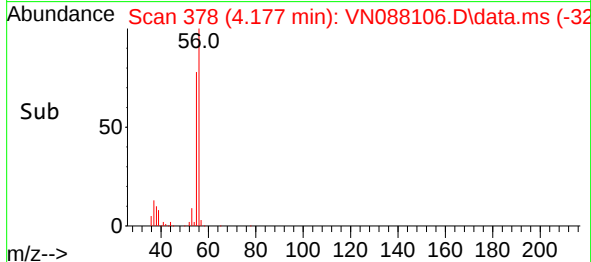
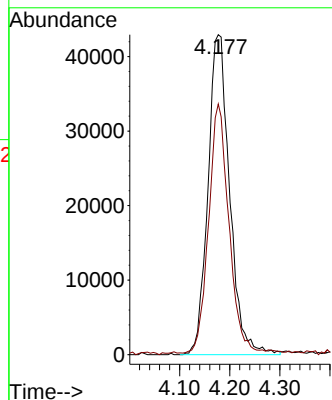
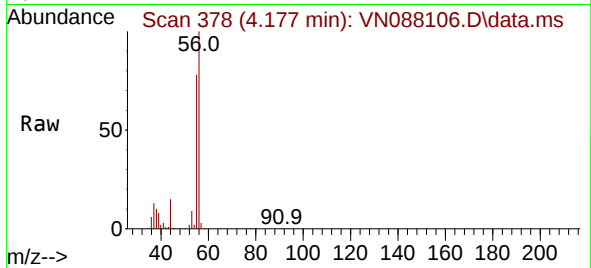
#13
Acrolein
Concen: 131.202 ug/l
RT: 4.177 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN088106.D
Acq: 27 Oct 2025 12:29

Instrument :
MSVOA_N
ClientSampleId :
VN1027WBSD01

Tgt Ion: 56 Resp: 129090
Ion Ratio Lower Upper
56 100
55 72.3 57.3 85.9

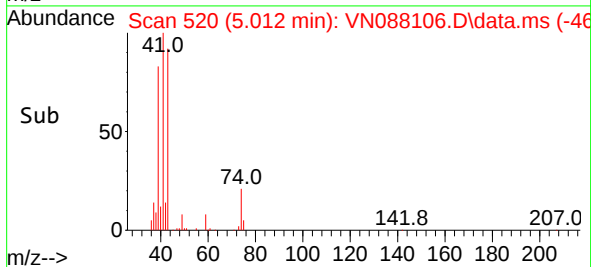
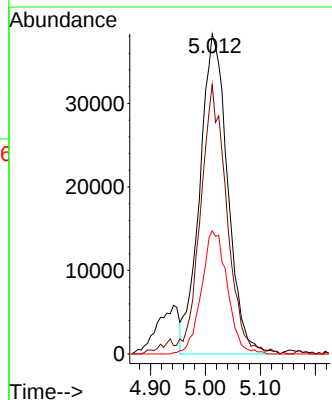
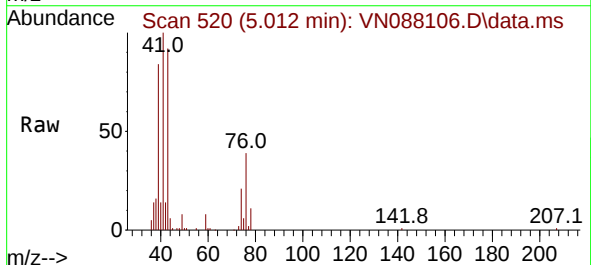
Manual Integrations
APPROVED

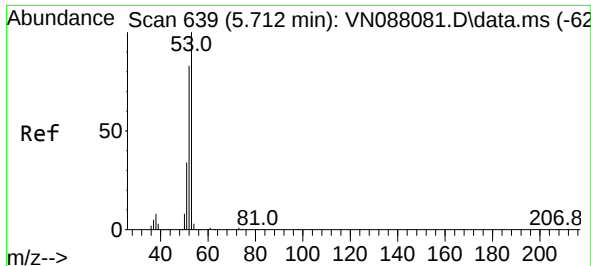
Reviewed By :John Carlone 10/28/2025
Supervised By :Semsettin Yesilyurt 10/28/2025



#14
Allyl chloride
Concen: 20.931 ug/l
RT: 5.012 min Scan# 520
Delta R.T. 0.006 min
Lab File: VN088106.D
Acq: 27 Oct 2025 12:29

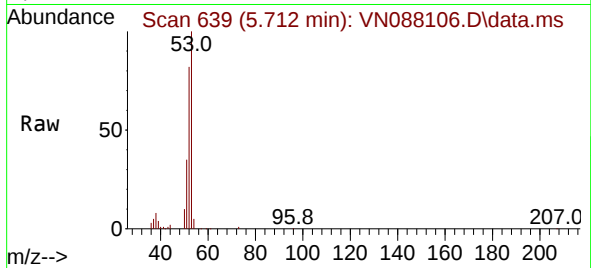
Tgt Ion: 41 Resp: 135399
Ion Ratio Lower Upper
41 100
39 77.2 63.9 95.9
76 35.6 28.1 42.1





#15
Acrylonitrile
Concen: 115.088 ug/l
RT: 5.712 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN088106.D
Acq: 27 Oct 2025 12:29

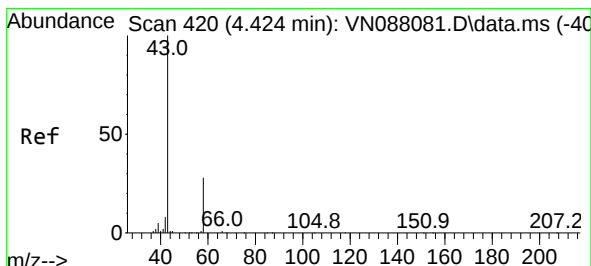
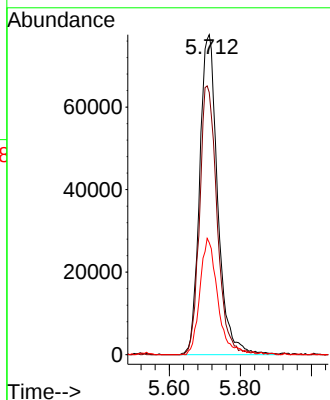
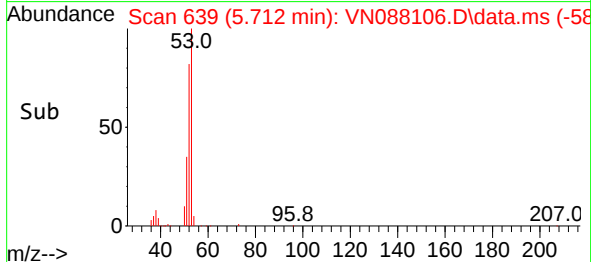
Instrument :
MSVOA_N
ClientSampleId :
VN1027WBSD01



Tgt Ion: 53 Resp: 274230
Ion Ratio Lower Upper
53 100
52 81.5 67.6 101.4
51 36.0 30.1 45.1

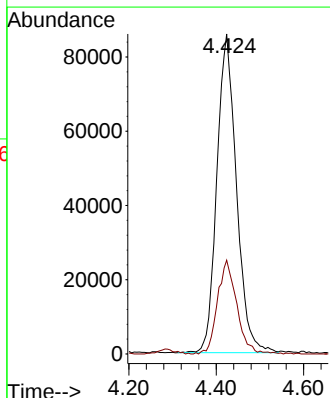
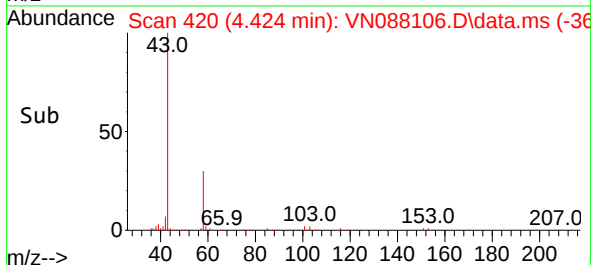
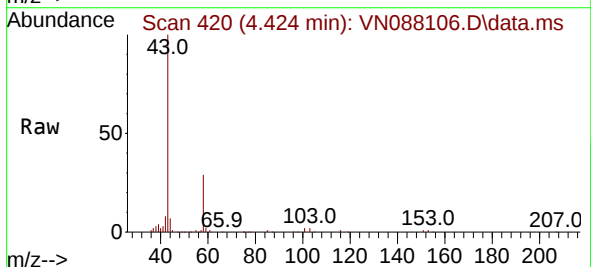
Manual Integrations
APPROVED

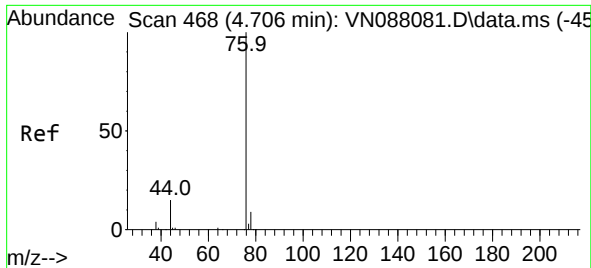
Reviewed By :John Carlone 10/28/2025
Supervised By :Semsettin Yesilyurt 10/28/2025



#16
Acetone
Concen: 104.380 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN088106.D
Acq: 27 Oct 2025 12:29

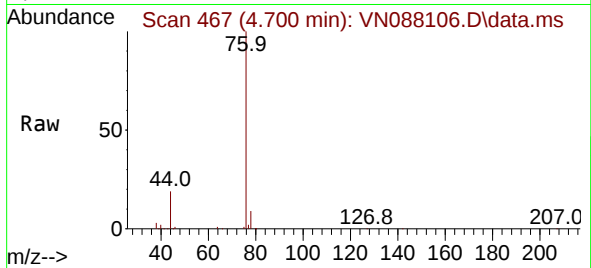
Tgt Ion: 43 Resp: 266262
Ion Ratio Lower Upper
43 100
58 29.2 22.6 33.8





#17
Carbon Disulfide
Concen: 19.936 ug/l
RT: 4.700 min Scan# 468
Delta R.T. 0.000 min
Lab File: VN088106.D
Acq: 27 Oct 2025 12:29

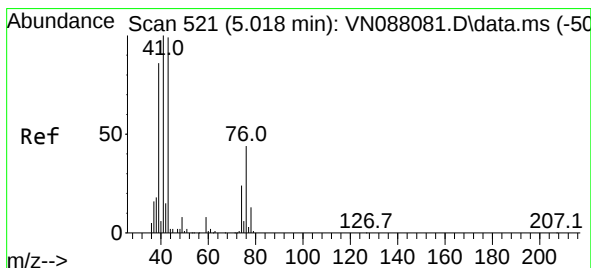
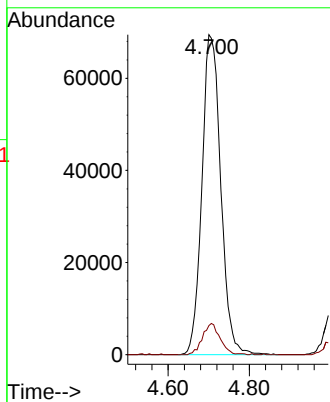
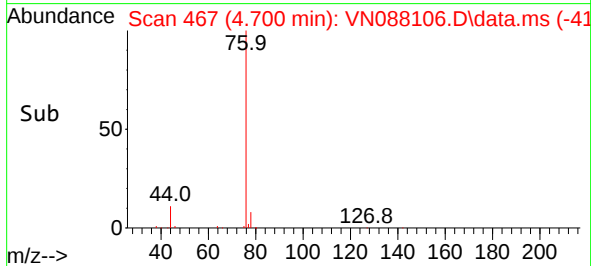
Instrument :
MSVOA_N
ClientSampleId :
VN1027WBSD01



Tgt Ion: 76 Resp: 22366
Ion Ratio Lower Upper
76 100
78 9.1 7.6 11.4

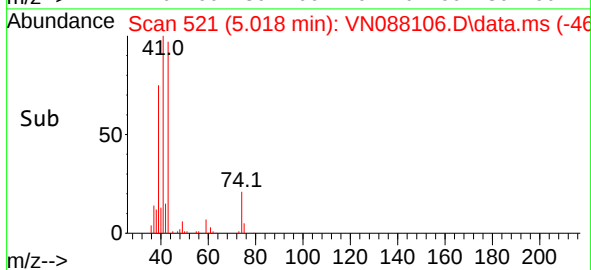
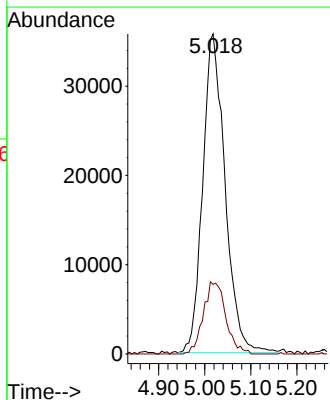
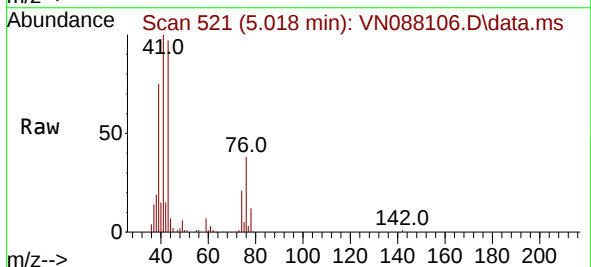
Manual Integrations
APPROVED

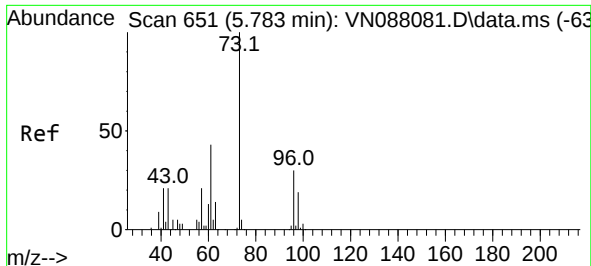
Reviewed By :John Carlone 10/28/2025
Supervised By :Semsettin Yesilyurt 10/28/2025



#18
Methyl Acetate
Concen: 23.075 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.006 min
Lab File: VN088106.D
Acq: 27 Oct 2025 12:29

Tgt Ion: 43 Resp: 120505
Ion Ratio Lower Upper
43 100
74 22.7 17.6 26.4





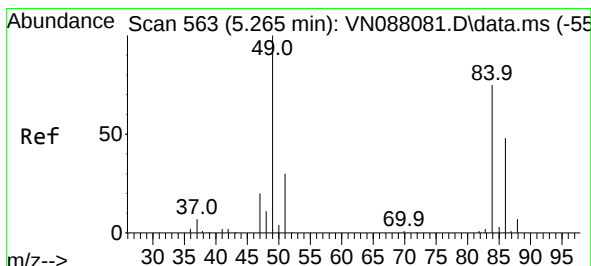
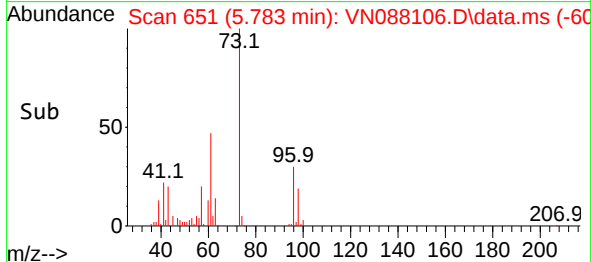
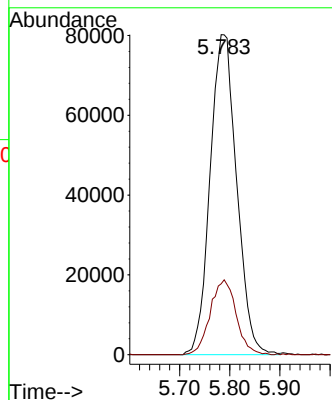
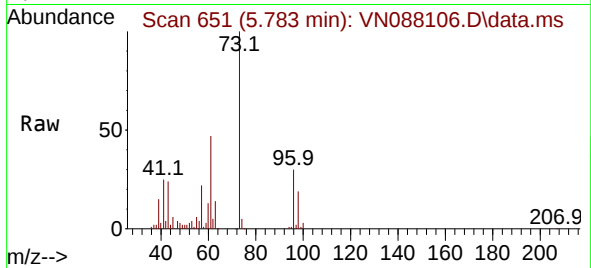
#19
Methyl tert-butyl Ether
Concen: 21.793 ug/l
RT: 5.783 min Scan# 651
Delta R.T. -0.006 min
Lab File: VN088106.D
Acq: 27 Oct 2025 12:29

Instrument :
MSVOA_N
ClientSampleId :
VN1027WBSD01

Tgt Ion: 73 Resp: 29538
Ion Ratio Lower Upper
73 100
57 22.1 18.4 27.6

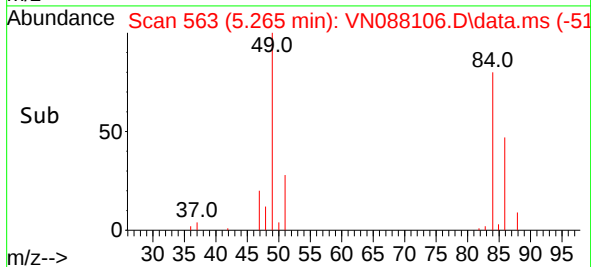
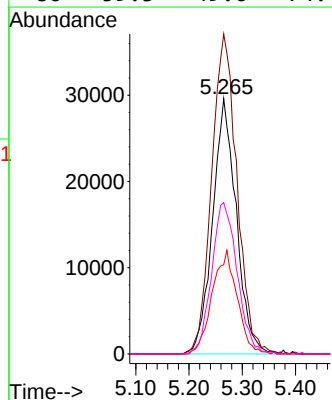
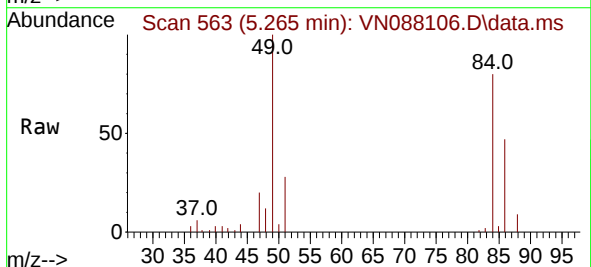
Manual Integrations
APPROVED

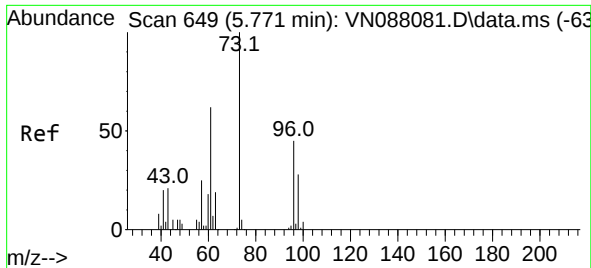
Reviewed By :John Carlone 10/28/2025
Supervised By :Semsettin Yesilyurt 10/28/2025



#20
Methylene Chloride
Concen: 23.430 ug/l
RT: 5.265 min Scan# 563
Delta R.T. 0.000 min
Lab File: VN088106.D
Acq: 27 Oct 2025 12:29

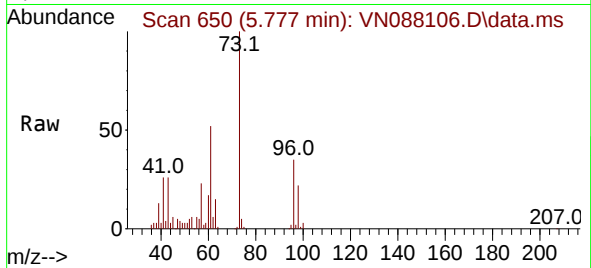
Tgt Ion: 84 Resp: 91370
Ion Ratio Lower Upper
84 100
49 125.3 103.4 155.2
51 34.9 33.8 50.8
86 59.3 49.6 74.4





#21
trans-1,2-Dichloroethene
Concen: 19.442 ug/l
RT: 5.777 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN088106.D
Acq: 27 Oct 2025 12:29

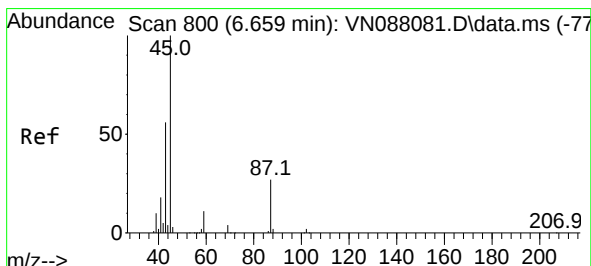
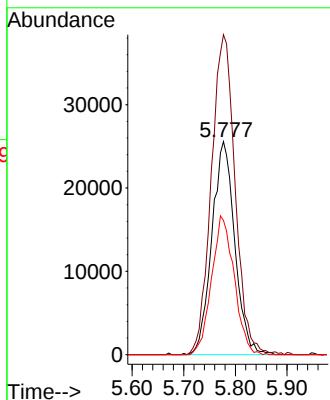
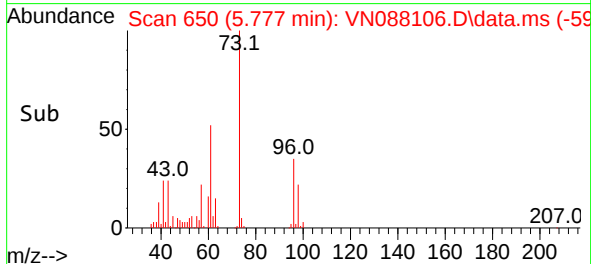
Instrument :
MSVOA_N
ClientSampleId :
VN1027WBSD01



Tgt Ion: 96 Resp: 78762
Ion Ratio Lower Upper
96 100
61 150.2 118.0 177.0
98 63.0 50.0 75.0

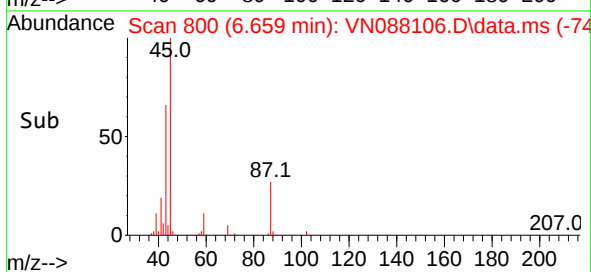
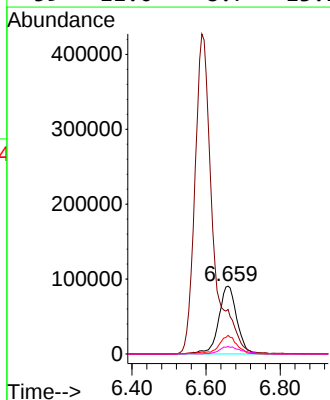
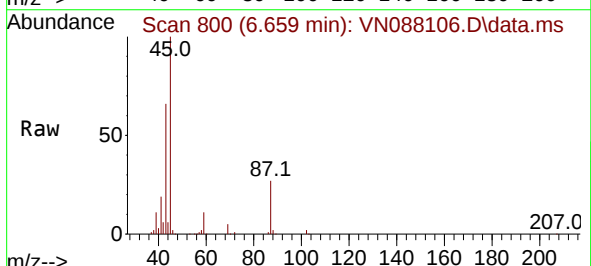
Manual Integrations
APPROVED

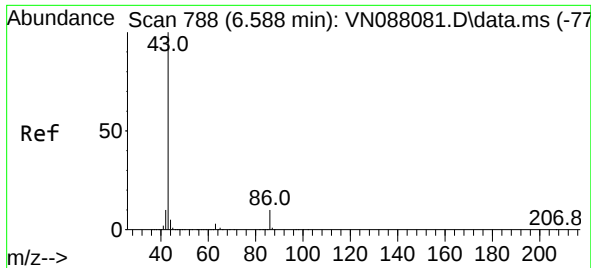
Reviewed By :John Carlone 10/28/2025
Supervised By :Semsettin Yesilyurt 10/28/2025



#22
Diisopropyl ether
Concen: 22.558 ug/l
RT: 6.659 min Scan# 800
Delta R.T. 0.000 min
Lab File: VN088106.D
Acq: 27 Oct 2025 12:29

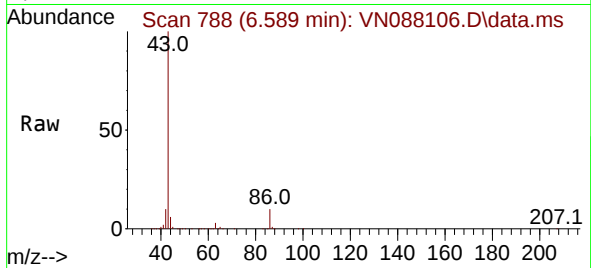
Tgt Ion: 45 Resp: 306895
Ion Ratio Lower Upper
45 100
43 64.8 47.7 71.5
87 27.4 21.4 32.0
59 11.0 8.7 13.1





#23
 Vinyl Acetate
 Concen: 115.435 ug/l
 RT: 6.589 min Scan# 788
 Delta R.T. 0.000 min
 Lab File: VN088106.D
 Acq: 27 Oct 2025 12:29

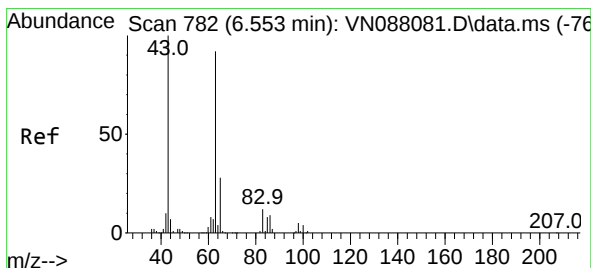
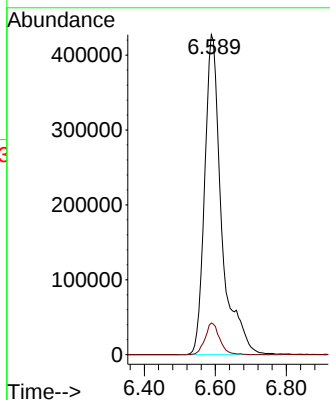
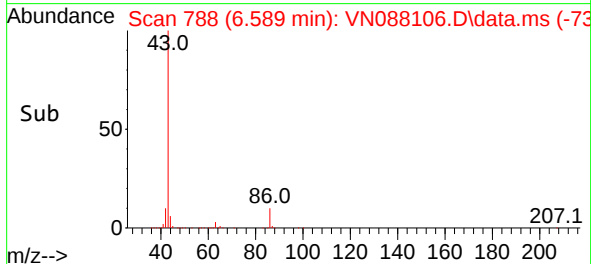
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1027WBSD01



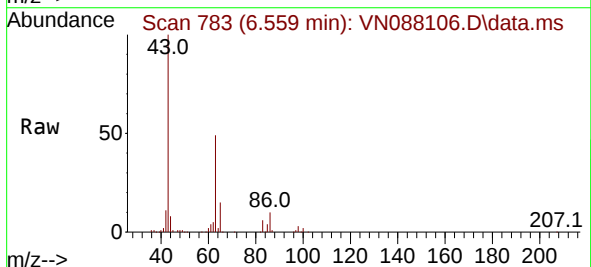
Tgt Ion: 43 Resp: 1414608
 Ion Ratio Lower Upper
 43 100
 86 9.9 8.2 12.4

Manual Integrations
 APPROVED

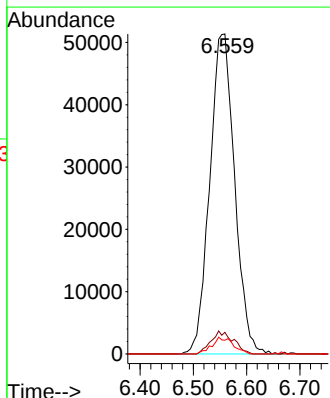
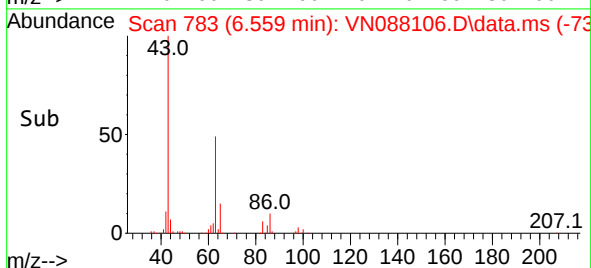
Reviewed By :John Carlone 10/28/2025
 Supervised By :Semsettin Yesilyurt 10/28/2025



#24
 1,1-Dichloroethane
 Concen: 22.123 ug/l
 RT: 6.559 min Scan# 783
 Delta R.T. 0.012 min
 Lab File: VN088106.D
 Acq: 27 Oct 2025 12:29



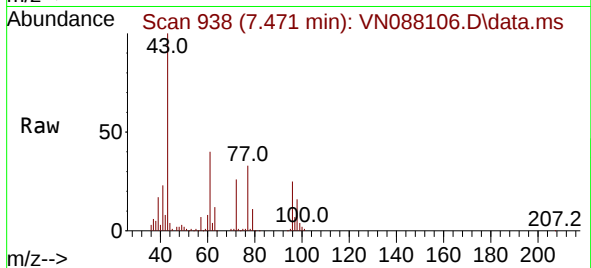
Tgt Ion: 63 Resp: 166720
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.8 11.4
 100 4.3 2.0 6.0





#25
2-Butanone
Concen: 112.718 ug/l
RT: 7.471 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN088106.D
Acq: 27 Oct 2025 12:29

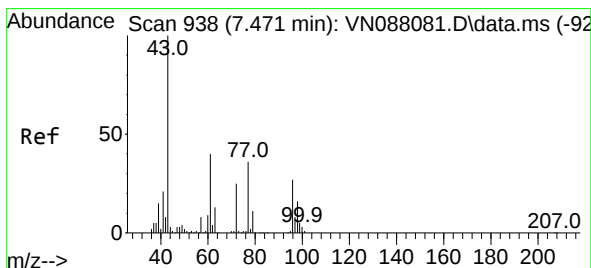
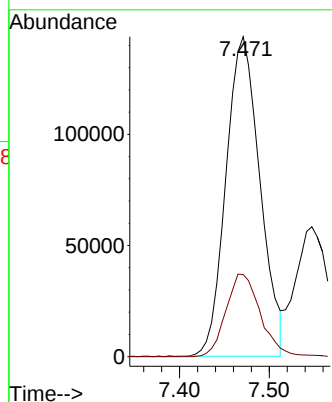
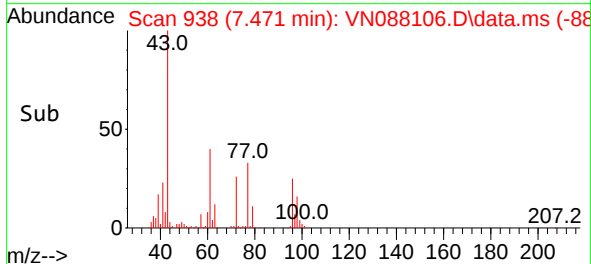
Instrument :
MSVOA_N
ClientSampleId :
VN1027WBSD01



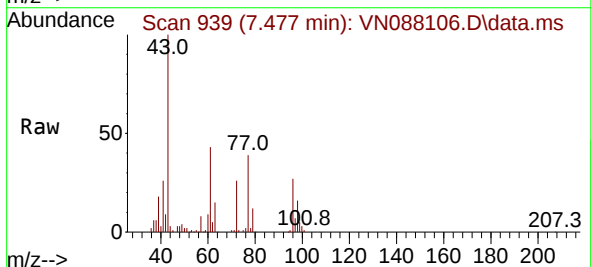
Tgt Ion: 43 Resp: 378924
Ion Ratio Lower Upper
43 100
72 25.7 19.9 29.9

Manual Integrations
APPROVED

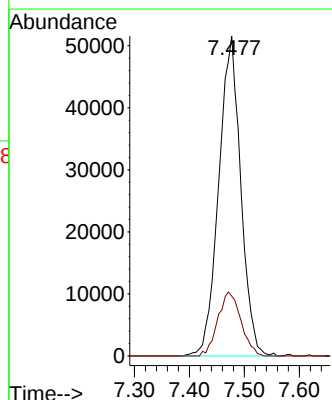
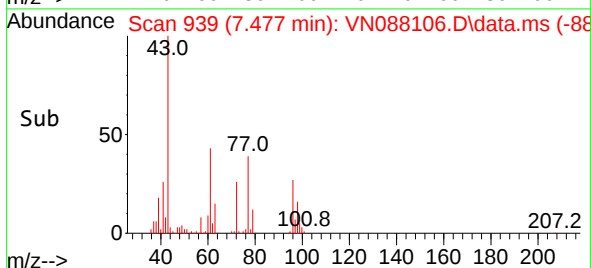
Reviewed By :John Carlone 10/28/2025
Supervised By :Semsettin Yesilyurt 10/28/2025

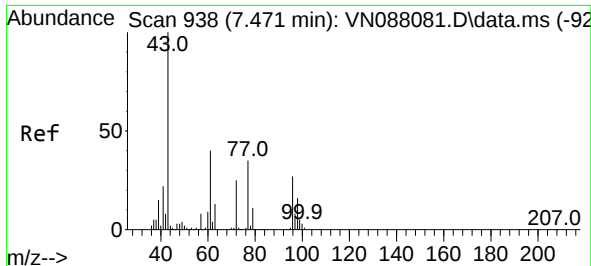


#26
2,2-Dichloropropane
Concen: 20.935 ug/l
RT: 7.477 min Scan# 939
Delta R.T. 0.000 min
Lab File: VN088106.D
Acq: 27 Oct 2025 12:29



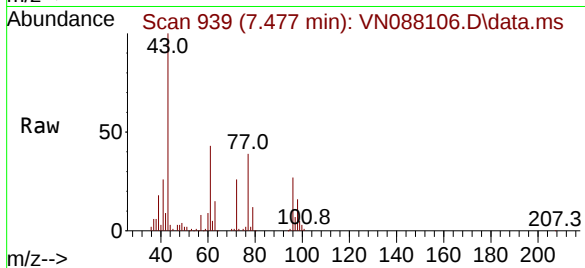
Tgt Ion: 77 Resp: 143368
Ion Ratio Lower Upper
77 100
97 21.0 10.9 32.7





#27
cis-1,2-Dichloroethene
Concen: 20.823 ug/l
RT: 7.477 min Scan# 911
Delta R.T. 0.012 min
Lab File: VN088106.D
Acq: 27 Oct 2025 12:29

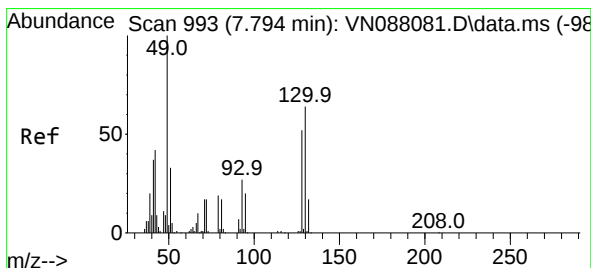
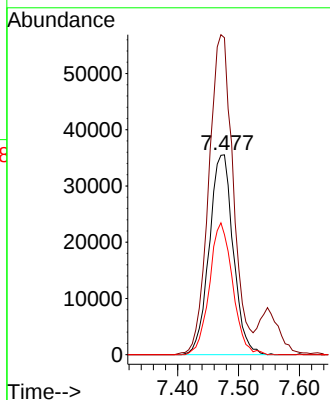
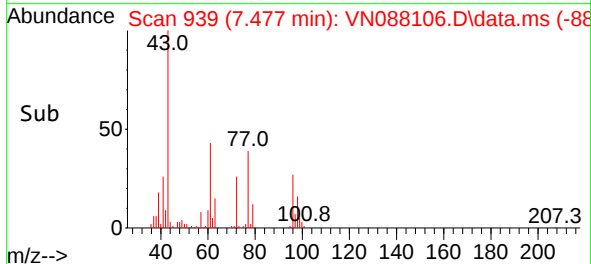
Instrument :
MSVOA_N
ClientSampleId :
VN1027WBSD01



Tgt Ion: 96 Resp: 97110
Ion Ratio Lower Upper
96 100
61 162.9 0.0 301.8
98 63.7 0.0 126.2

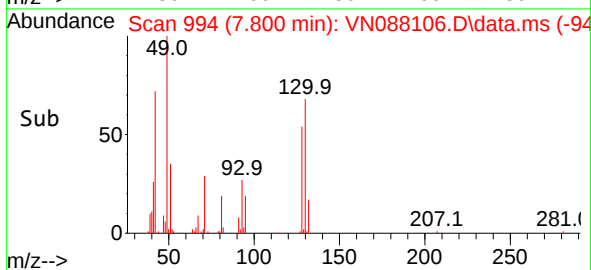
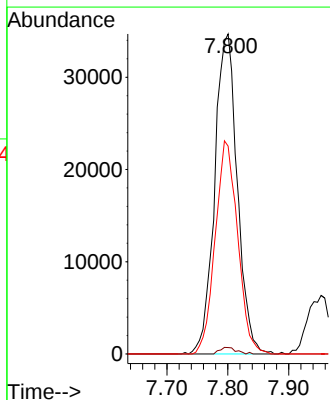
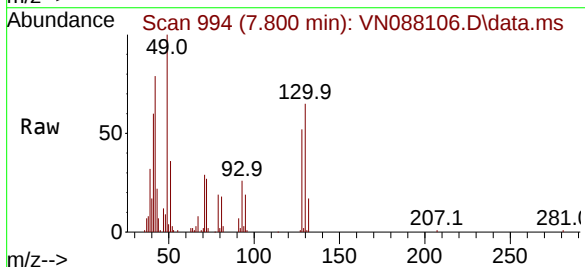
Manual Integrations
APPROVED

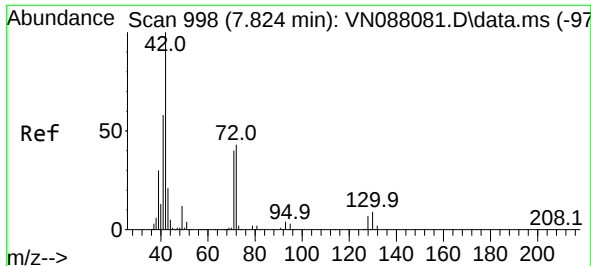
Reviewed By :John Carlone 10/28/2025
Supervised By :Semsettin Yesilyurt 10/28/2025



#28
Bromochloromethane
Concen: 25.194 ug/l
RT: 7.800 min Scan# 994
Delta R.T. 0.000 min
Lab File: VN088106.D
Acq: 27 Oct 2025 12:29

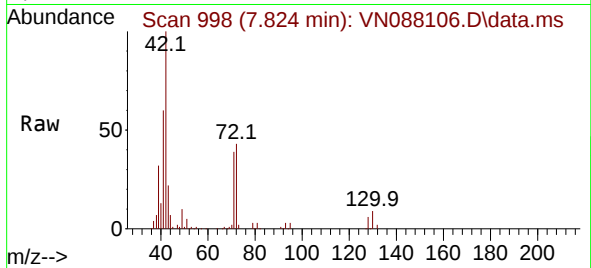
Tgt Ion: 49 Resp: 89712
Ion Ratio Lower Upper
49 100
129 1.5 0.0 3.0
130 66.0 53.1 79.7





#29
Tetrahydrofuran
Concen: 112.693 ug/l
RT: 7.824 min Scan# 998
Delta R.T. 0.000 min
Lab File: VN088106.D
Acq: 27 Oct 2025 12:29

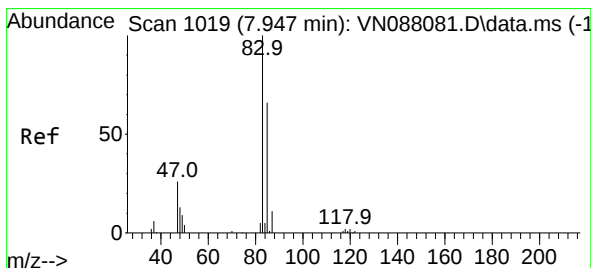
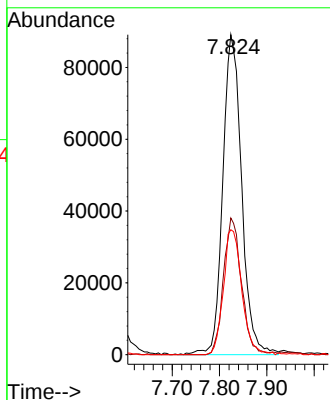
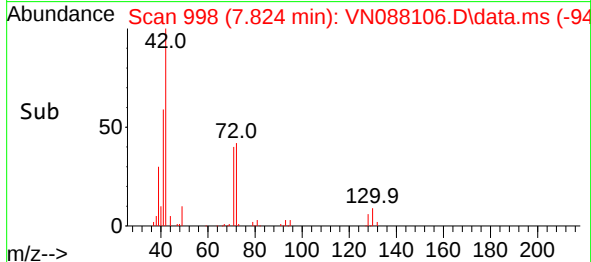
Instrument :
MSVOA_N
ClientSampleId :
VN1027WBSD01



Tgt Ion: 42 Resp: 24689
Ion Ratio Lower Upper
42 100
72 40.5 33.7 50.5
71 38.2 31.9 47.9

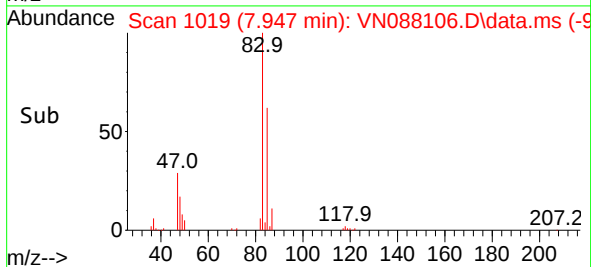
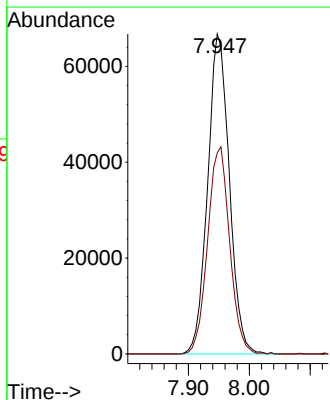
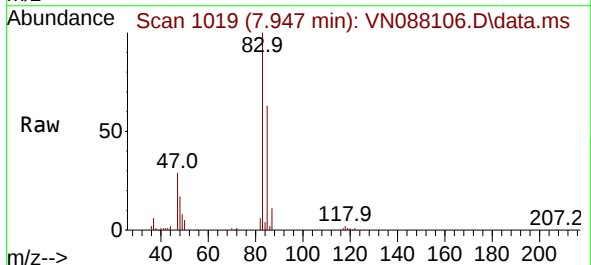
Manual Integrations
APPROVED

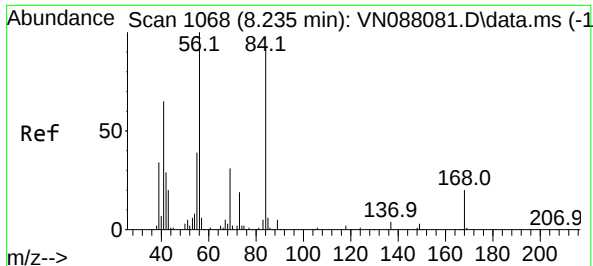
Reviewed By :John Carlone 10/28/2025
Supervised By :Semsettin Yesilyurt 10/28/2025



#30
Chloroform
Concen: 21.944 ug/l
RT: 7.947 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VN088106.D
Acq: 27 Oct 2025 12:29

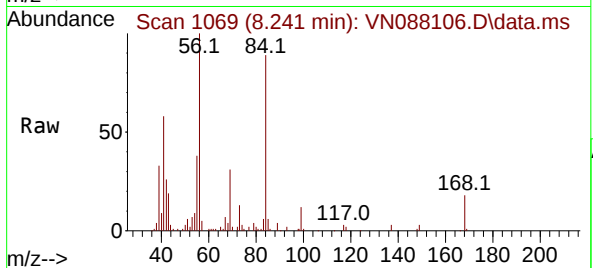
Tgt Ion: 83 Resp: 165210
Ion Ratio Lower Upper
83 100
85 62.9 50.7 76.1





#31
Cyclohexane
Concen: 21.321 ug/l
RT: 8.241 min Scan# 1068
Delta R.T. 0.006 min
Lab File: VN088106.D
Acq: 27 Oct 2025 12:29

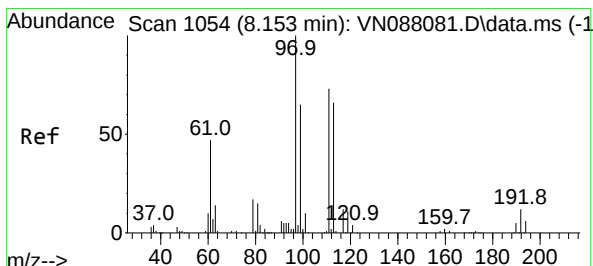
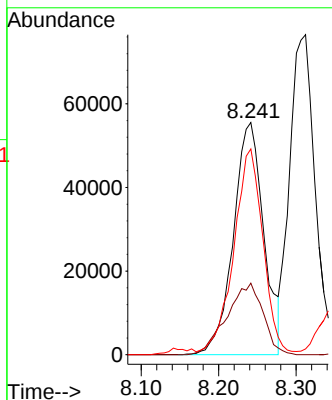
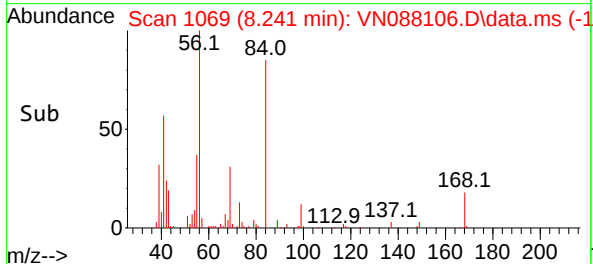
Instrument :
MSVOA_N
ClientSampleId :
VN1027WBSD01



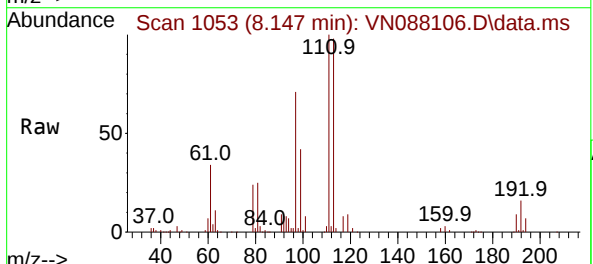
Tgt Ion: 56 Resp: 151540
Ion Ratio Lower Upper
56 100
69 30.8 23.7 35.5
84 86.4 64.7 97.1

Manual Integrations
APPROVED

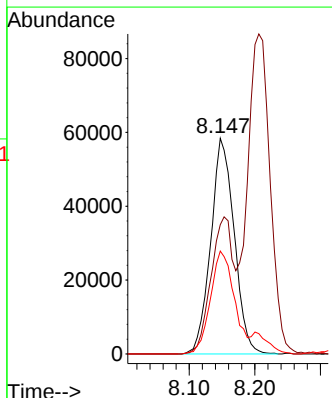
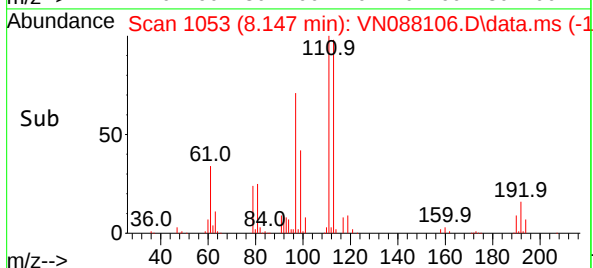
Reviewed By :John Carlone 10/28/2025
Supervised By :Semsettin Yesilyurt 10/28/2025

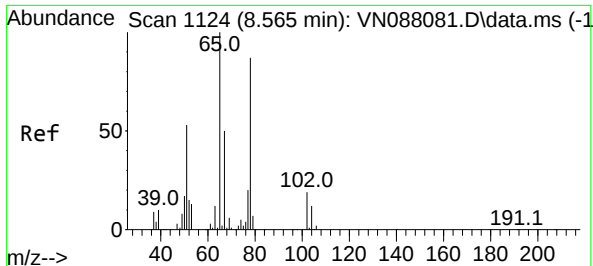


#32
1,1,1-Trichloroethane
Concen: 21.615 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VN088106.D
Acq: 27 Oct 2025 12:29



Tgt Ion: 97 Resp: 144935
Ion Ratio Lower Upper
97 100
99 60.3 52.2 78.2
61 49.5 41.2 61.8





#33

1,2-Dichloroethane-d4

Concen: 56.388 ug/l

RT: 8.559 min Scan# 1124

Delta R.T. 0.000 min

Lab File: VN088106.D

Acq: 27 Oct 2025 12:29

Instrument :

MSVOA_N

ClientSampleId :

VN1027WBSD01

Tgt Ion: 65 Resp: 28631

Ion Ratio Lower Upper

65 100

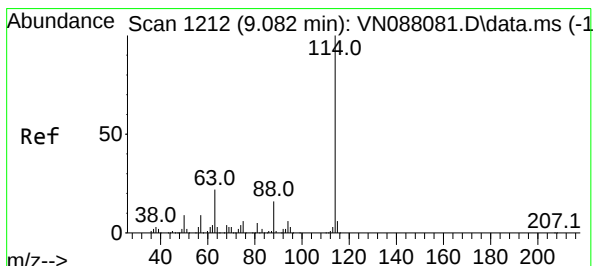
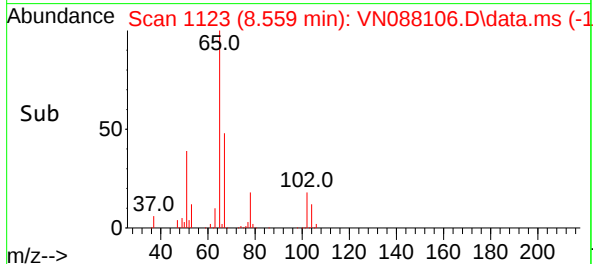
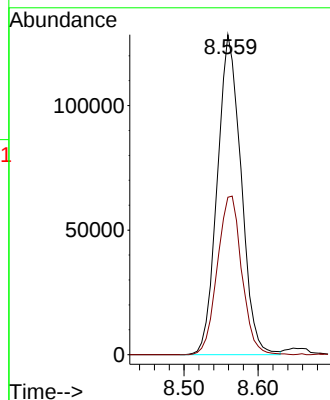
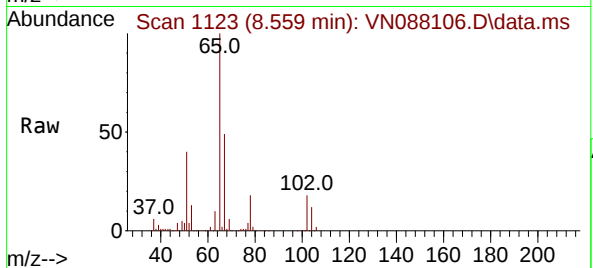
67 50.9 0.0 100.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/28/2025

Supervised By :Semsettin Yesilyurt 10/28/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.083 min Scan# 1212

Delta R.T. 0.000 min

Lab File: VN088106.D

Acq: 27 Oct 2025 12:29

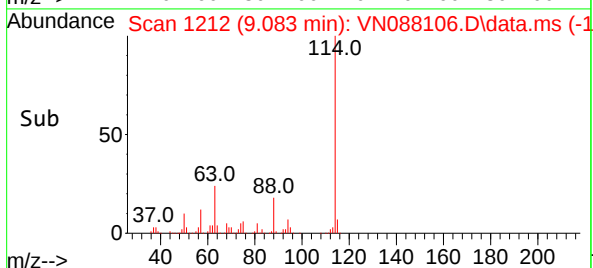
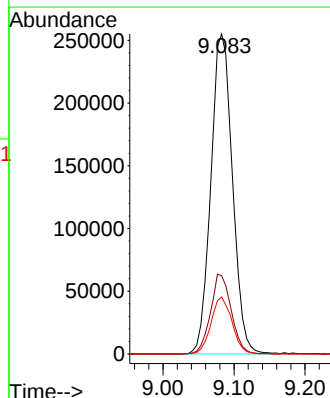
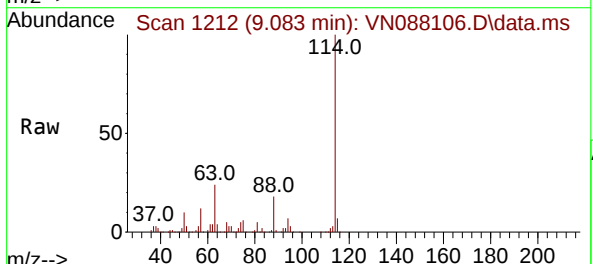
Tgt Ion:114 Resp: 537984

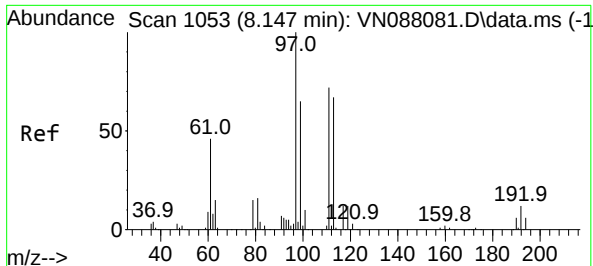
Ion Ratio Lower Upper

114 100

63 24.5 0.0 45.2

88 17.8 0.0 33.4





#35

Dibromofluoromethane

Concen: 53.039 ug/l

RT: 8.147 min Scan# 1053

Delta R.T. -0.006 min

Lab File: VN088106.D

Acq: 27 Oct 2025 12:29

Instrument :

MSVOA_N

ClientSampleId :

VN1027WBSD01

Tgt Ion: 113 Resp: 19169

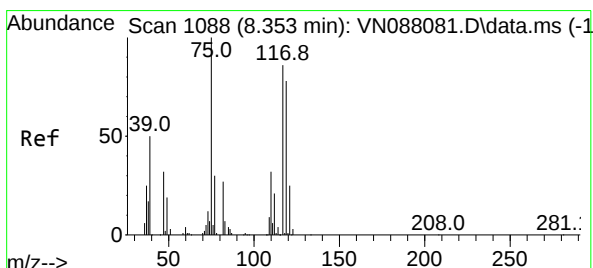
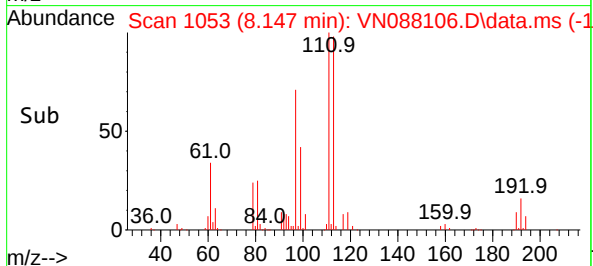
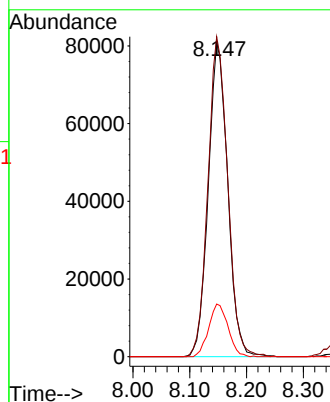
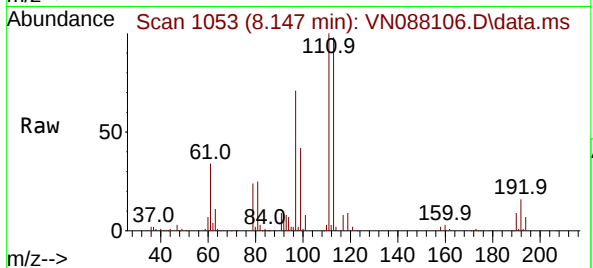
Ion	Ratio	Lower	Upper
113	100		
111	103.4	82.8	124.2
192	16.7	12.8	19.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/28/2025

Supervised By :Semsettin Yesilyurt 10/28/2025



#36

1,1-Dichloropropene

Concen: 21.273 ug/l

RT: 8.353 min Scan# 1088

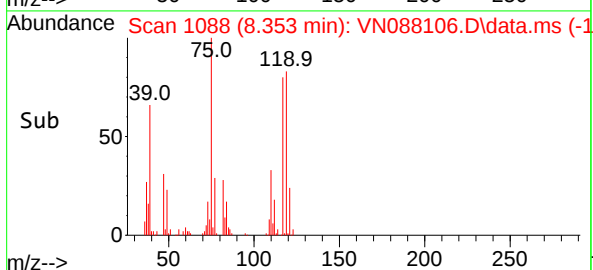
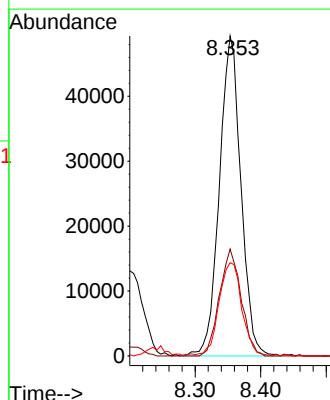
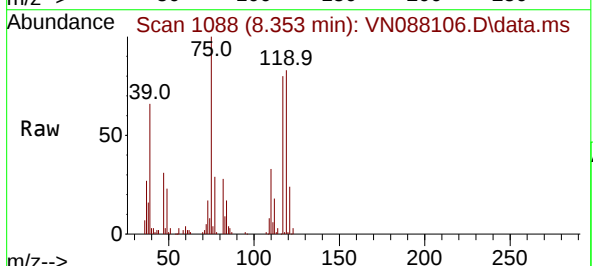
Delta R.T. 0.000 min

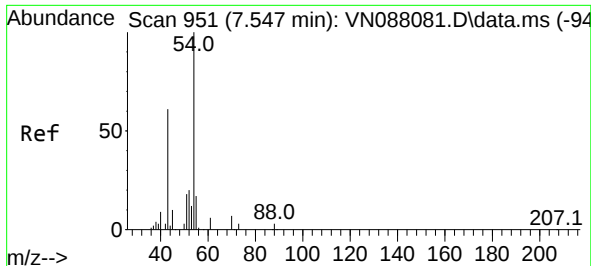
Lab File: VN088106.D

Acq: 27 Oct 2025 12:29

Tgt Ion: 75 Resp: 112263

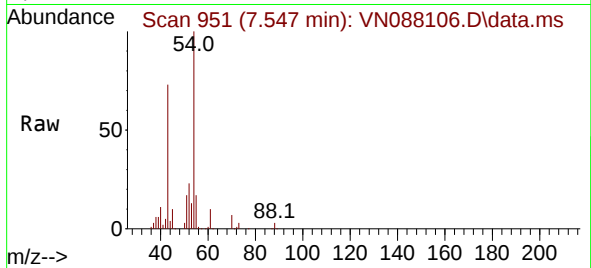
Ion	Ratio	Lower	Upper
75	100		
110	33.5	15.9	47.6
77	31.1	24.4	36.6





#37
Ethyl Acetate
Concen: 22.651 ug/l
RT: 7.547 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN088106.D
Acq: 27 Oct 2025 12:29

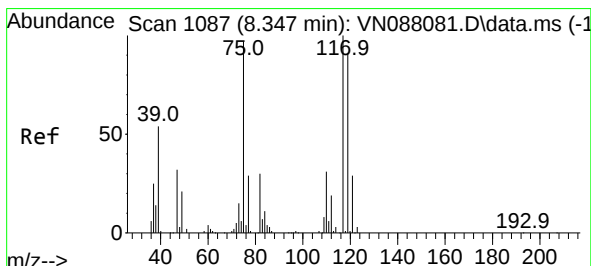
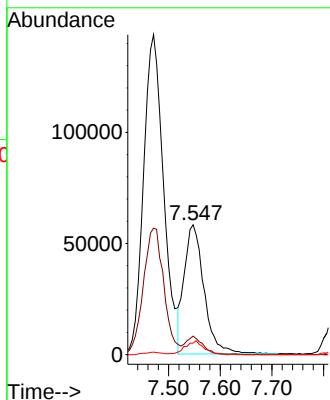
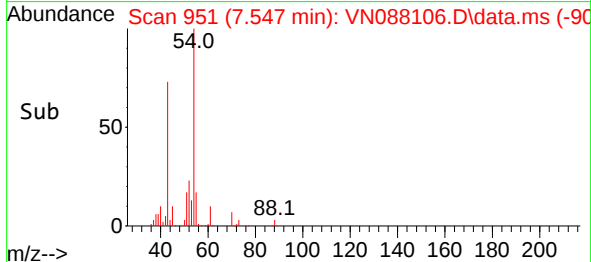
Instrument :
MSVOA_N
ClientSampleId :
VN1027WBSD01



Tgt Ion: 43 Resp: 154250
Ion Ratio Lower Upper
43 100
61 11.9 9.3 13.9
70 10.1 7.0 10.6

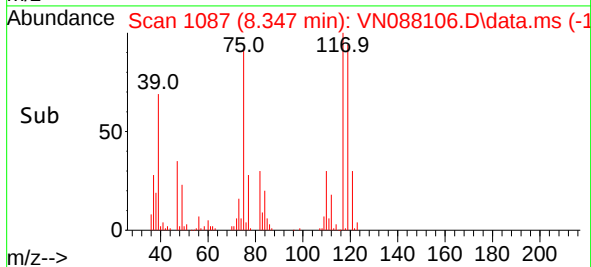
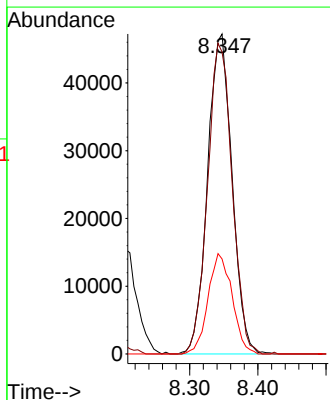
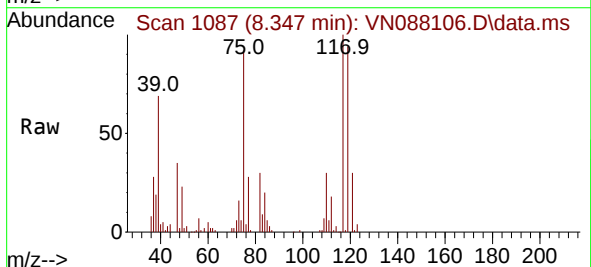
Manual Integrations
APPROVED

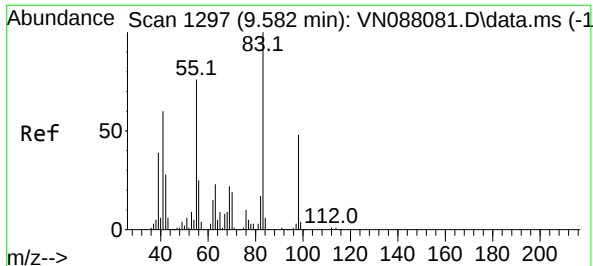
Reviewed By :John Carlone 10/28/2025
Supervised By :Semsettin Yesilyurt 10/28/2025



#38
Carbon Tetrachloride
Concen: 21.664 ug/l
RT: 8.347 min Scan# 1087
Delta R.T. 0.006 min
Lab File: VN088106.D
Acq: 27 Oct 2025 12:29

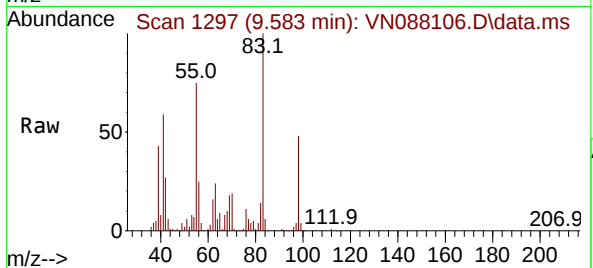
Tgt Ion:117 Resp: 118077
Ion Ratio Lower Upper
117 100
119 94.3 79.0 118.6
121 29.7 25.0 37.6





#39
Methylcyclohexane
Concen: 20.477 ug/l
RT: 9.583 min Scan# 1297
Delta R.T. 0.000 min
Lab File: VN088106.D
Acq: 27 Oct 2025 12:29

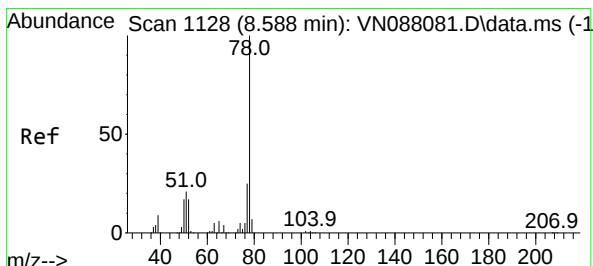
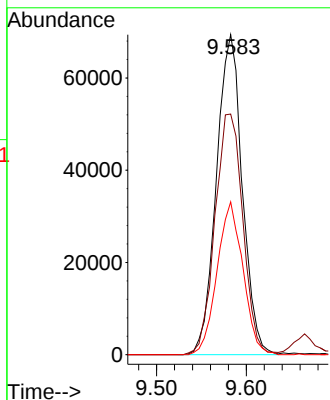
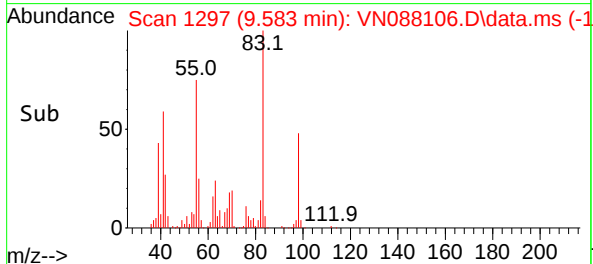
Instrument :
MSVOA_N
ClientSampleId :
VN1027WBSD01



Tgt Ion: 83 Resp: 138890
Ion Ratio Lower Upper
83 100
55 75.2 64.6 96.8
98 47.8 38.4 57.6

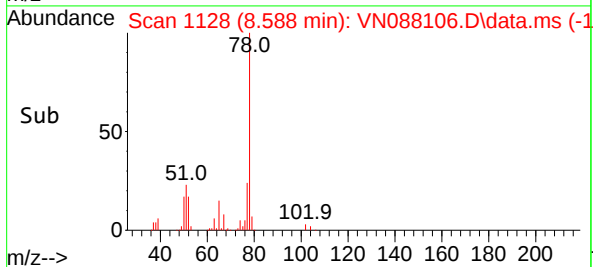
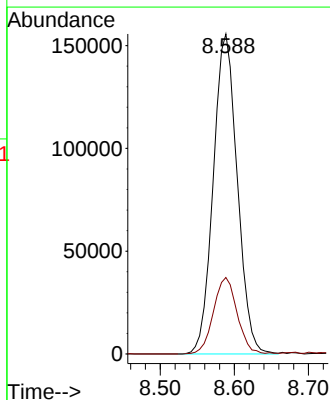
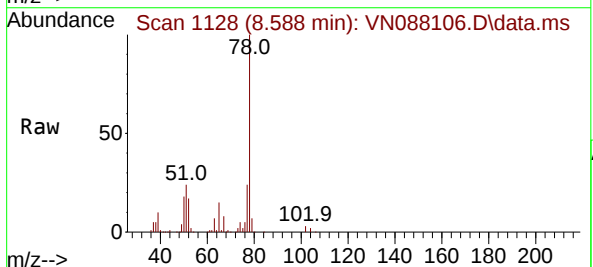
Manual Integrations
APPROVED

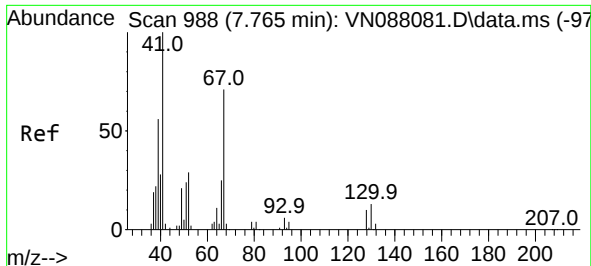
Reviewed By :John Carlone 10/28/2025
Supervised By :Semsettin Yesilyurt 10/28/2025



#40
Benzene
Concen: 21.781 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VN088106.D
Acq: 27 Oct 2025 12:29

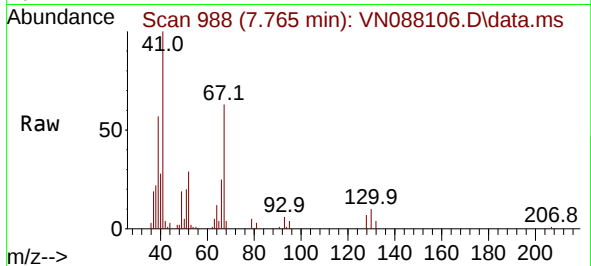
Tgt Ion: 78 Resp: 350057
Ion Ratio Lower Upper
78 100
77 23.9 19.7 29.5





#41
Methacrylonitrile
Concen: 21.628 ug/l
RT: 7.765 min Scan# 911
Delta R.T. 0.006 min
Lab File: VN088106.D
Acq: 27 Oct 2025 12:29

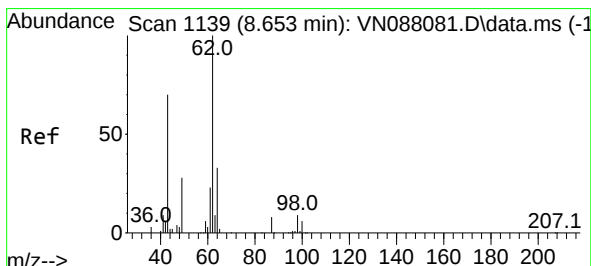
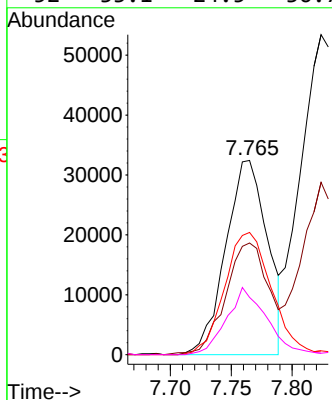
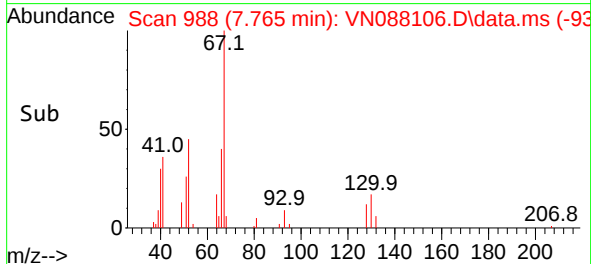
Instrument :
MSVOA_N
ClientSampleId :
VN1027WBSD01



Tgt Ion: 41 Resp: 77520
Ion Ratio Lower Upper
41 100
39 58.9 45.4 68.0
67 71.5 55.3 82.9
52 33.1 24.5 36.7

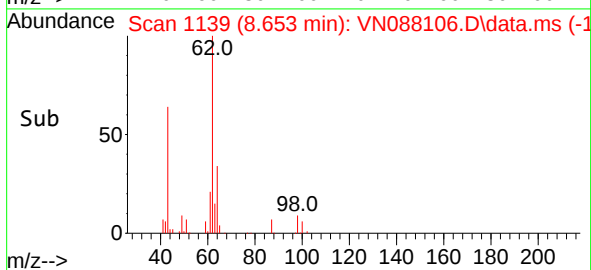
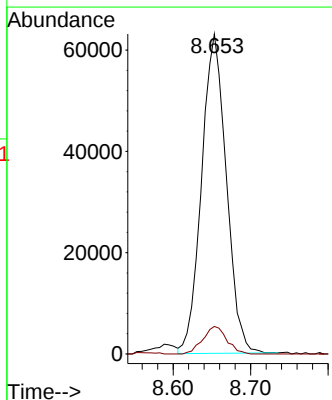
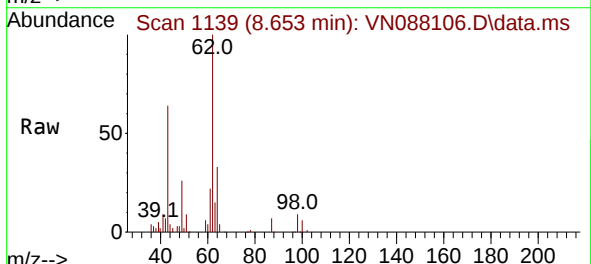
Manual Integrations
APPROVED

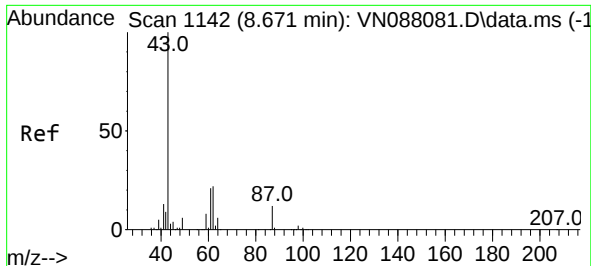
Reviewed By :John Carlone 10/28/2025
Supervised By :Semsettin Yesilyurt 10/28/2025



#42
1,2-Dichloroethane
Concen: 24.496 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. 0.000 min
Lab File: VN088106.D
Acq: 27 Oct 2025 12:29

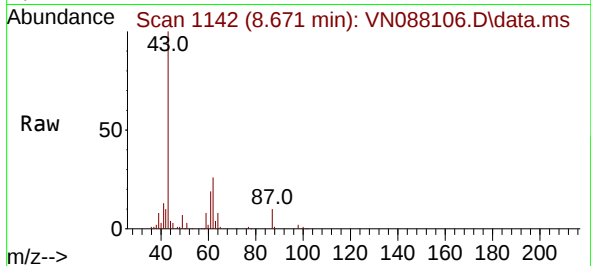
Tgt Ion: 62 Resp: 139879
Ion Ratio Lower Upper
62 100
98 8.3 0.0 17.4





#43
Isopropyl Acetate
Concen: 23.387 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN088106.D
Acq: 27 Oct 2025 12:29

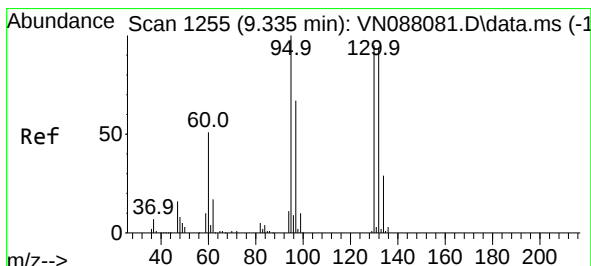
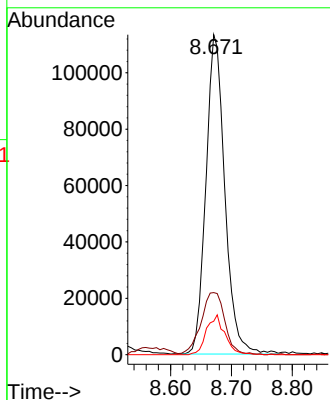
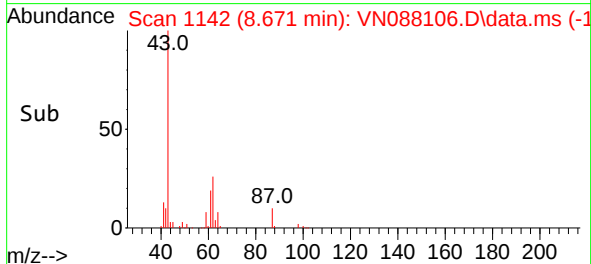
Instrument :
MSVOA_N
ClientSampleId :
VN1027WBSD01



Tgt Ion: 43 Resp: 244730
Ion Ratio Lower Upper
43 100
61 24.5 18.8 28.2
87 12.1 9.6 14.4

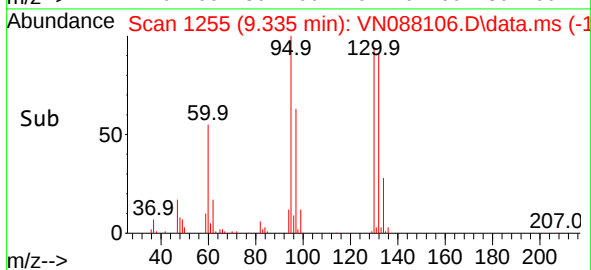
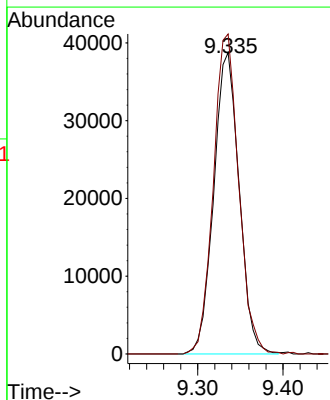
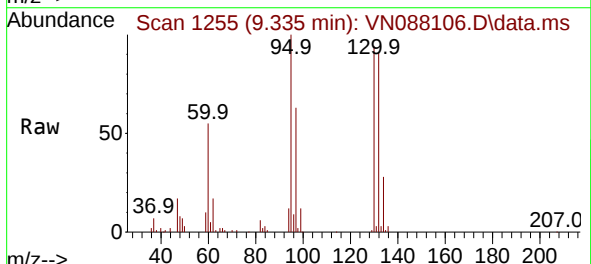
Manual Integrations
APPROVED

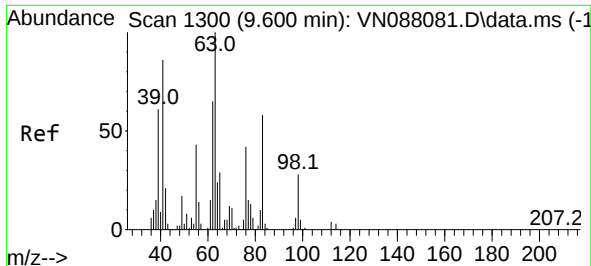
Reviewed By :John Carlone 10/28/2025
Supervised By :Semsettin Yesilyurt 10/28/2025



#44
Trichloroethene
Concen: 21.335 ug/l
RT: 9.335 min Scan# 1255
Delta R.T. 0.006 min
Lab File: VN088106.D
Acq: 27 Oct 2025 12:29

Tgt Ion:130 Resp: 80145
Ion Ratio Lower Upper
130 100
95 106.1 0.0 212.0





#45

1,2-Dichloropropane

Concen: 22.785 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. 0.000 min

Lab File: VN088106.D

Acq: 27 Oct 2025 12:29

Instrument :

MSVOA_N

ClientSampleId :

VN1027WBSD01

Tgt Ion: 63 Resp: 92440

Ion Ratio Lower Upper

63 100

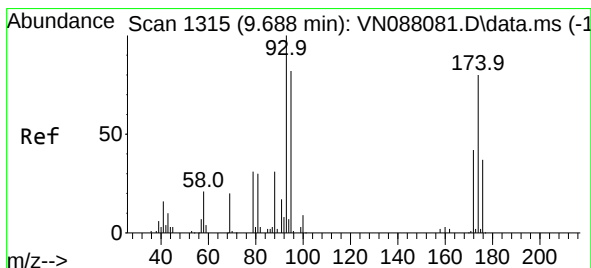
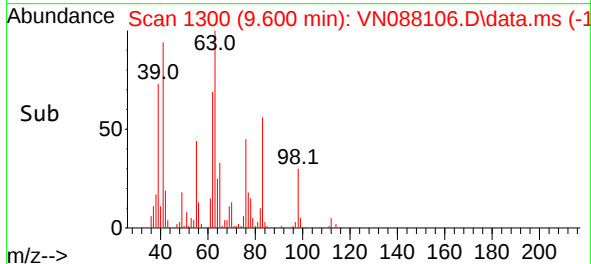
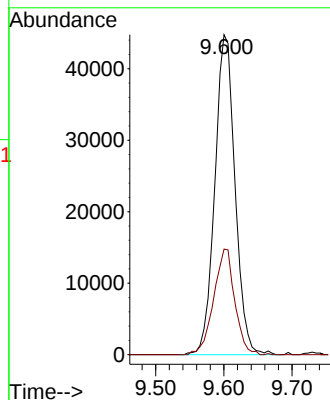
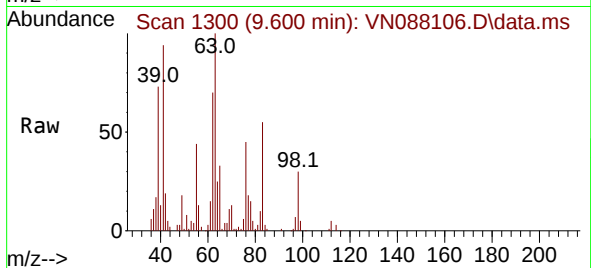
65 33.0 25.0 37.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/28/2025

Supervised By :Semsettin Yesilyurt 10/28/2025



#46

Dibromomethane

Concen: 23.852 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. 0.000 min

Lab File: VN088106.D

Acq: 27 Oct 2025 12:29

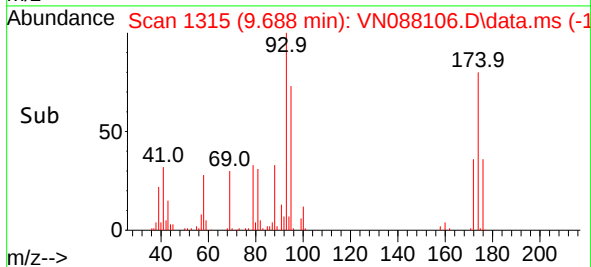
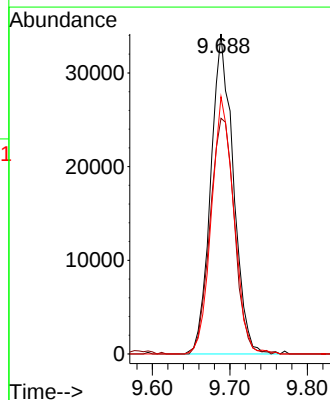
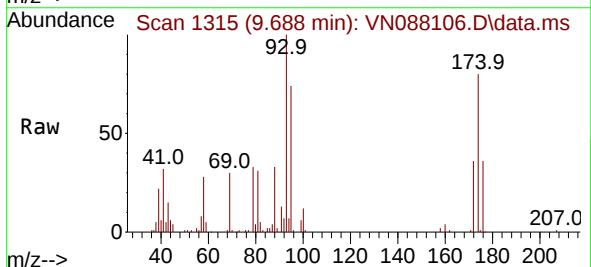
Tgt Ion: 93 Resp: 69022

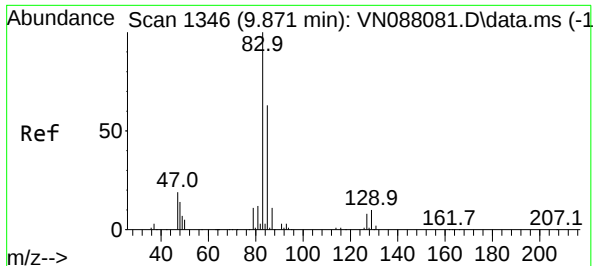
Ion Ratio Lower Upper

93 100

95 79.6 66.2 99.4

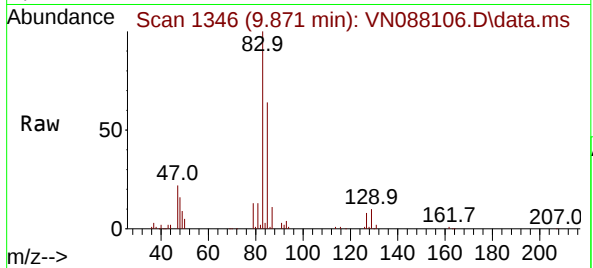
174 79.8 63.4 95.2





#47
Bromodichloromethane
Concen: 23.207 ug/l
RT: 9.871 min Scan# 1346
Delta R.T. 0.000 min
Lab File: VN088106.D
Acq: 27 Oct 2025 12:29

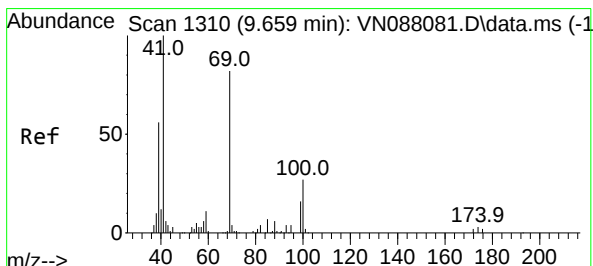
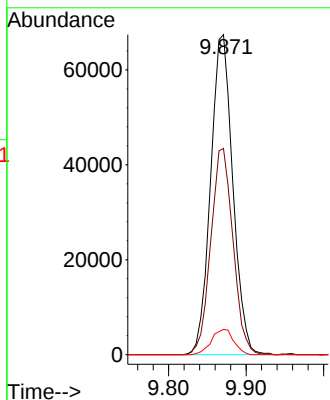
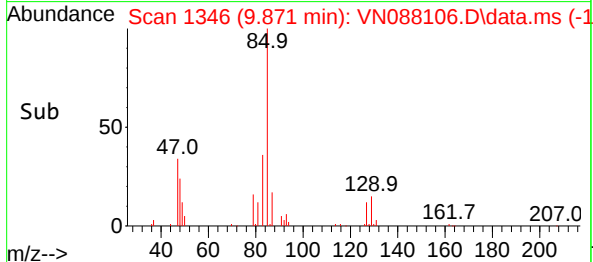
Instrument :
MSVOA_N
ClientSampleId :
VN1027WBSD01



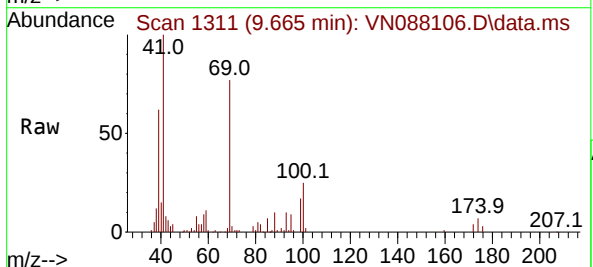
Tgt Ion: 83 Resp: 13445
Ion Ratio Lower Upper
83 100
85 64.4 52.5 78.7
127 7.9 5.8 8.6

Manual Integrations
APPROVED

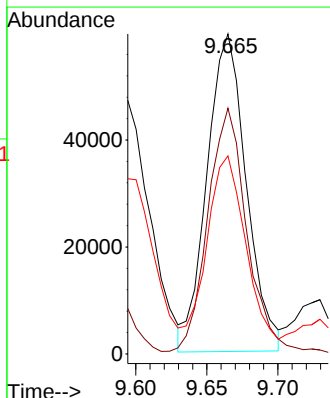
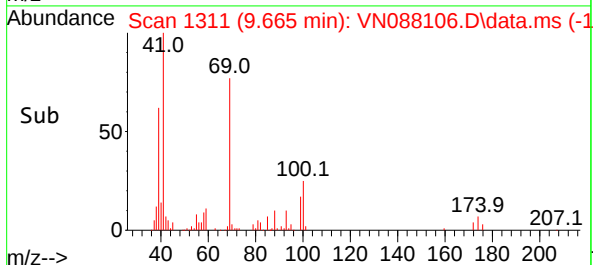
Reviewed By :John Carlone 10/28/2025
Supervised By :Semsettin Yesilyurt 10/28/2025

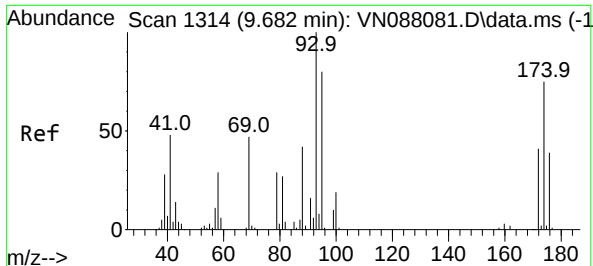


#48
Methyl methacrylate
Concen: 23.708 ug/l
RT: 9.665 min Scan# 1311
Delta R.T. 0.000 min
Lab File: VN088106.D
Acq: 27 Oct 2025 12:29



Tgt Ion: 41 Resp: 114540
Ion Ratio Lower Upper
41 100
69 77.6 62.7 94.1
39 63.7 52.9 79.3





#49

1,4-Dioxane

Concen: 509.401 ug/l

RT: 9.677 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN088106.D

Acq: 27 Oct 2025 12:29

Instrument :

MSVOA_N

ClientSampleId :

VN1027WBSD01

Tgt Ion: 88 Resp: 30609

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

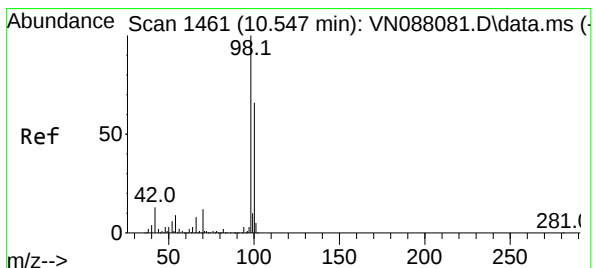
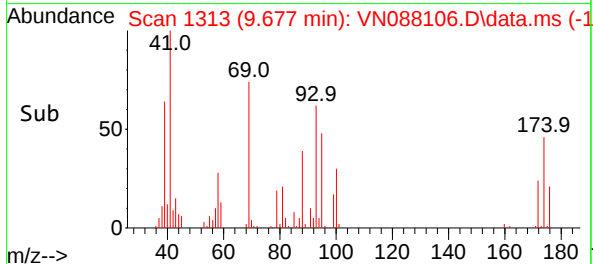
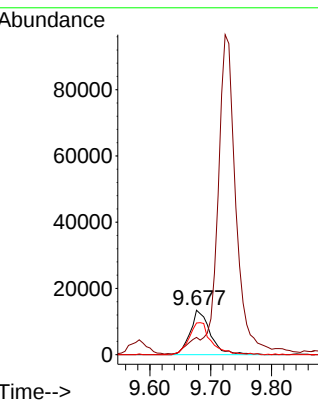
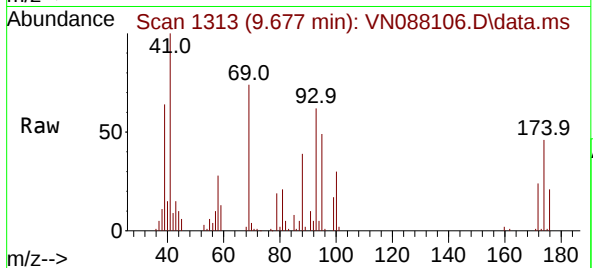
58 78.3 57.9 86.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/28/2025

Supervised By :Semsettin Yesilyurt 10/28/2025



#50

Toluene-d8

Concen: 50.952 ug/l

RT: 10.547 min Scan# 1461

Delta R.T. 0.000 min

Lab File: VN088106.D

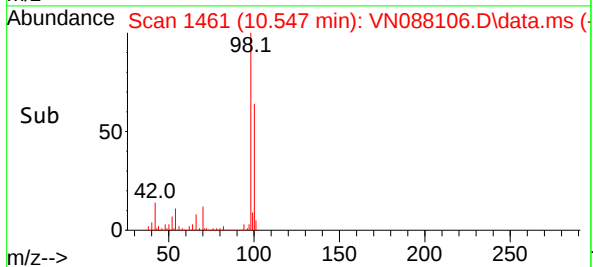
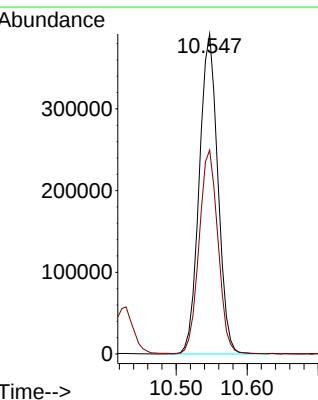
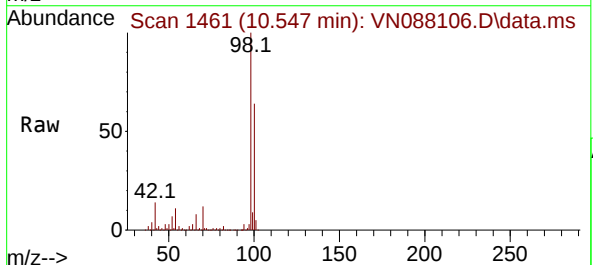
Acq: 27 Oct 2025 12:29

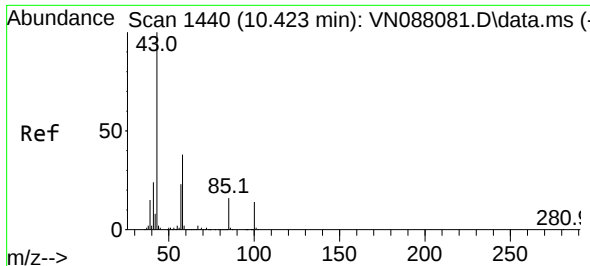
Tgt Ion: 98 Resp: 709565

Ion Ratio Lower Upper

98 100

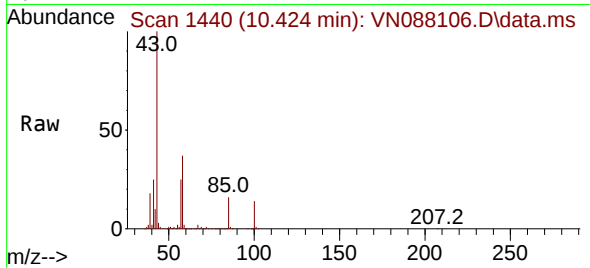
100 64.9 52.8 79.2





#51
4-Methyl-2-Pentanone
Concen: 121.010 ug/l
RT: 10.424 min Scan# 1440
Delta R.T. 0.000 min
Lab File: VN088106.D
Acq: 27 Oct 2025 12:29

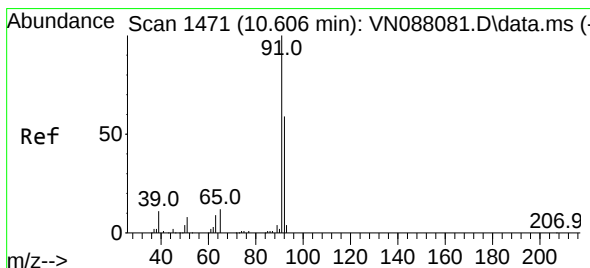
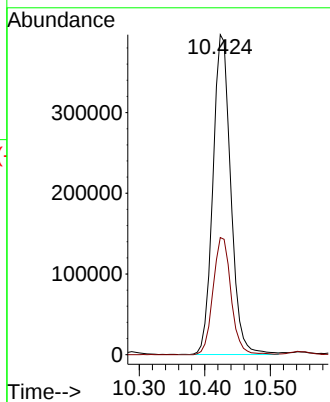
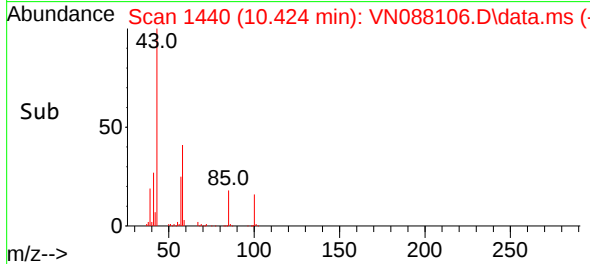
Instrument :
MSVOA_N
ClientSampleId :
VN1027WBSD01



Tgt Ion: 43 Resp: 749132
Ion Ratio Lower Upper
43 100
58 37.0 29.6 44.4

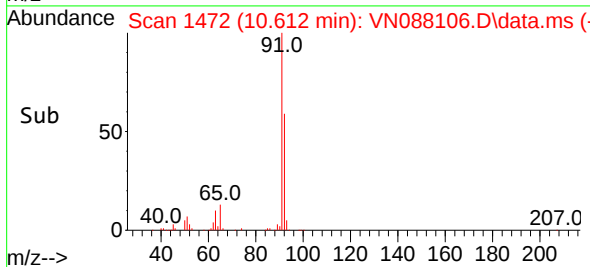
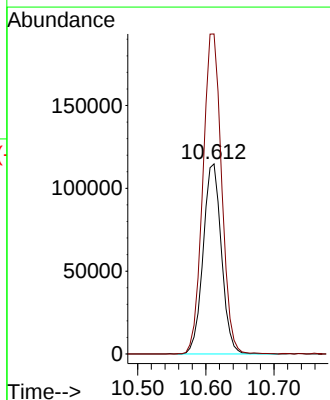
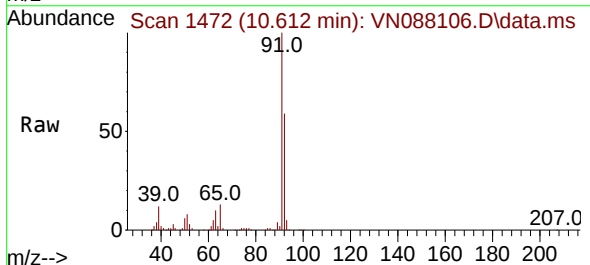
Manual Integrations
APPROVED

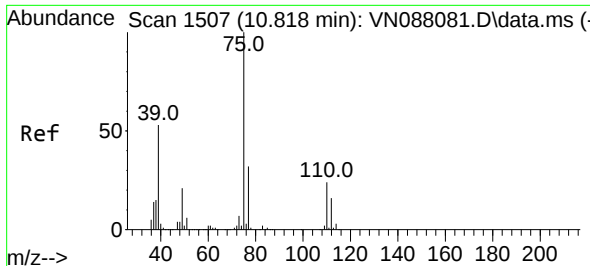
Reviewed By :John Carlone 10/28/2025
Supervised By :Semsettin Yesilyurt 10/28/2025



#52
Toluene
Concen: 21.590 ug/l
RT: 10.612 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VN088106.D
Acq: 27 Oct 2025 12:29

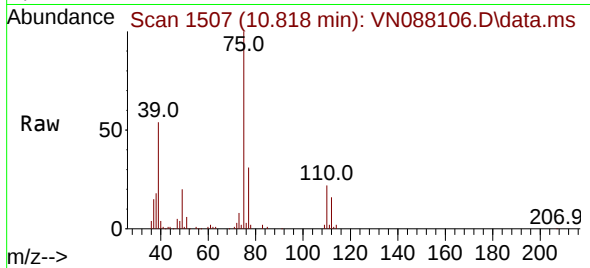
Tgt Ion: 92 Resp: 213928
Ion Ratio Lower Upper
92 100
91 172.9 140.4 210.6





#53
t-1,3-Dichloropropene
Concen: 22.559 ug/l
RT: 10.818 min Scan# 1507
Delta R.T. 0.000 min
Lab File: VN088106.D
Acq: 27 Oct 2025 12:29

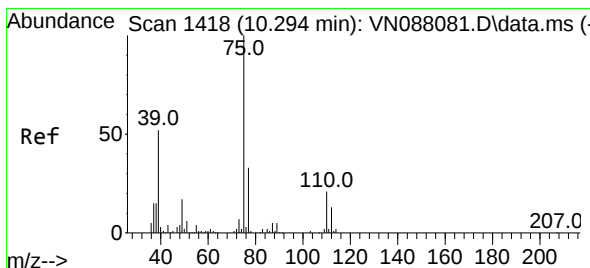
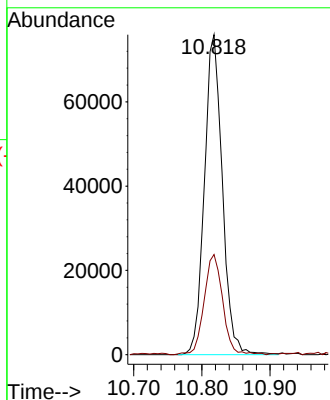
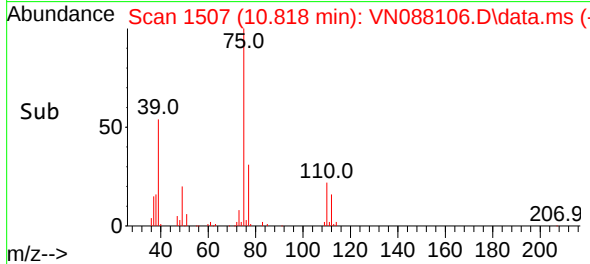
Instrument :
MSVOA_N
ClientSampleId :
VN1027WBSD01



Tgt Ion: 75 Resp: 13910
Ion Ratio Lower Upper
75 100
77 31.1 25.2 37.8

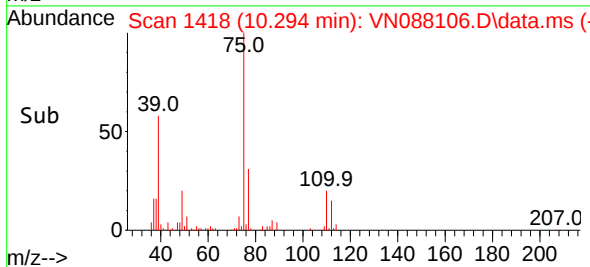
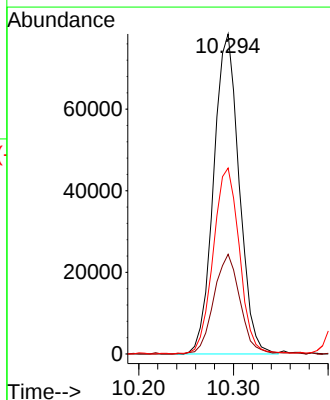
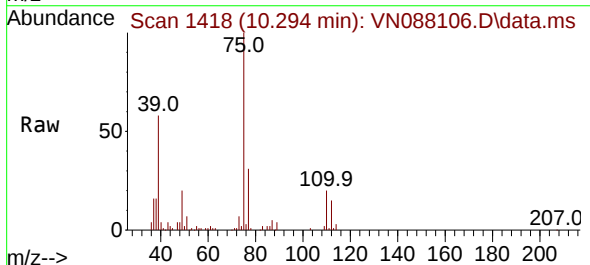
Manual Integrations
APPROVED

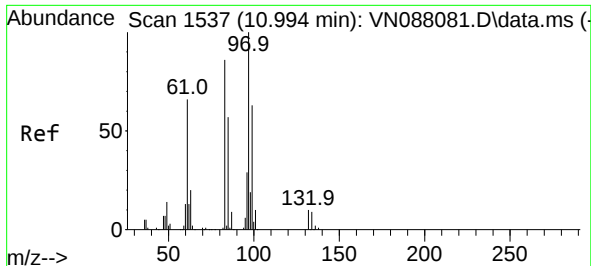
Reviewed By :John Carlone 10/28/2025
Supervised By :Semsettin Yesilyurt 10/28/2025



#54
cis-1,3-Dichloropropene
Concen: 22.437 ug/l
RT: 10.294 min Scan# 1418
Delta R.T. 0.006 min
Lab File: VN088106.D
Acq: 27 Oct 2025 12:29

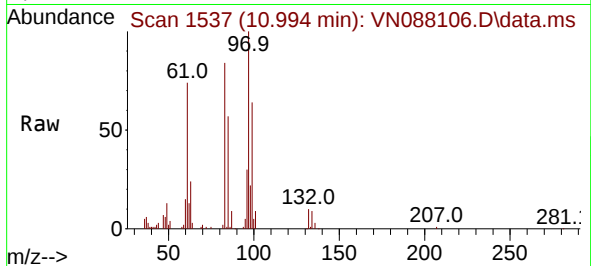
Tgt Ion: 75 Resp: 146812
Ion Ratio Lower Upper
75 100
77 30.9 24.6 37.0
39 57.9 45.2 67.8





#55
1,1,2-Trichloroethane
Concen: 22.213 ug/l
RT: 10.994 min Scan# 1537
Delta R.T. 0.000 min
Lab File: VN088106.D
Acq: 27 Oct 2025 12:29

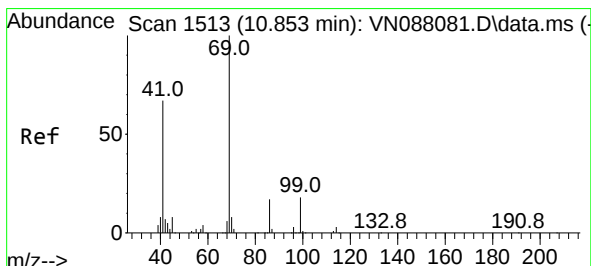
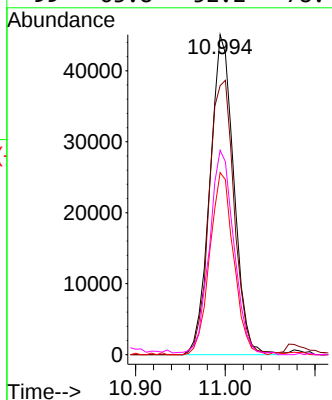
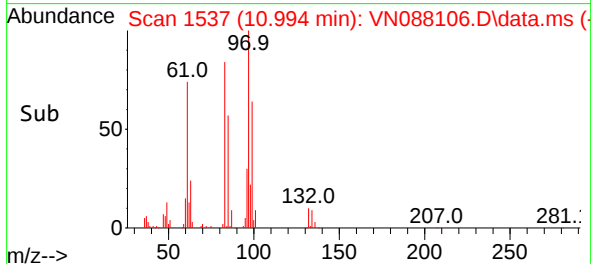
Instrument :
MSVOA_N
ClientSampleId :
VN1027WBSD01



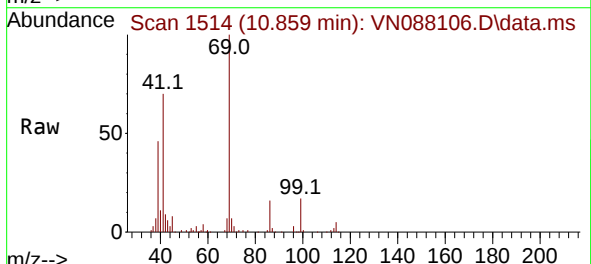
Tgt Ion: 97	Resp: 8350
Ion Ratio	Lower Upper
97 100	
83 84.1	68.2 102.4
85 56.9	45.5 68.3
99 63.8	52.2 78.4

Manual Integrations
APPROVED

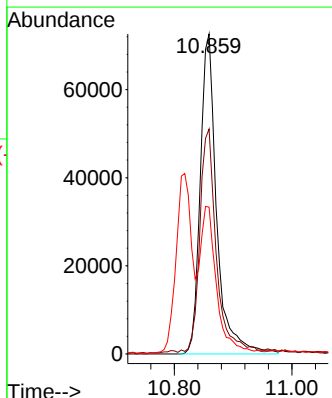
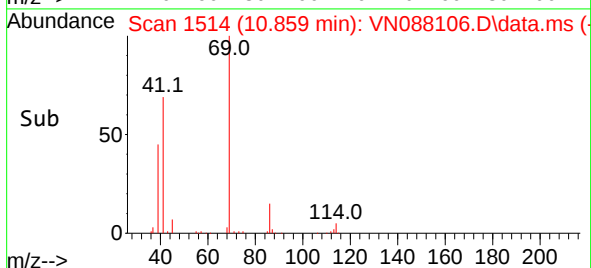
Reviewed By :John Carlone 10/28/2025
Supervised By :Semsettin Yesilyurt 10/28/2025

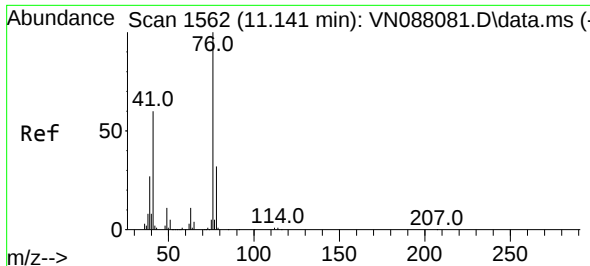


#56
Ethyl methacrylate
Concen: 23.690 ug/l
RT: 10.859 min Scan# 1514
Delta R.T. 0.006 min
Lab File: VN088106.D
Acq: 27 Oct 2025 12:29



Tgt Ion: 69	Resp: 140931
Ion Ratio	Lower Upper
69 100	
41 70.1	56.5 84.7
39 45.5	34.2 51.4





#57

1,3-Dichloropropane

Concen: 23.160 ug/l

RT: 11.141 min Scan# 1562

Delta R.T. 0.000 min

Lab File: VN088106.D

Acq: 27 Oct 2025 12:29

Instrument :

MSVOA_N

ClientSampleId :

VN1027WBSD01

Tgt Ion: 76 Resp: 15303

Ion Ratio Lower Upper

76 100

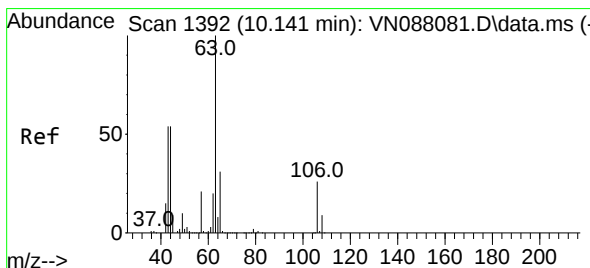
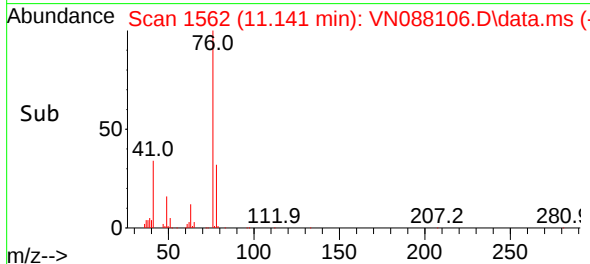
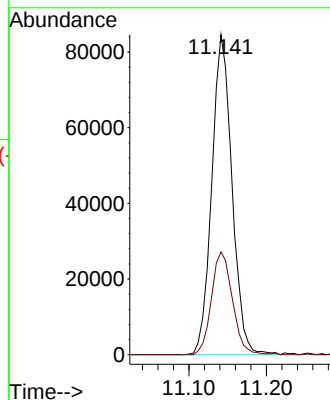
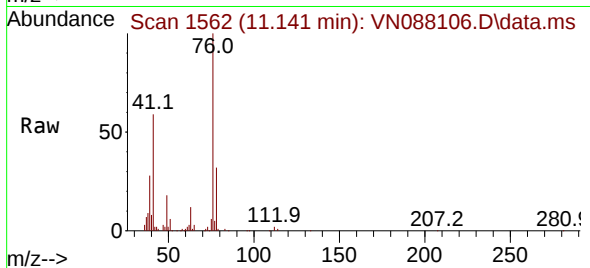
78 33.4 26.2 39.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/28/2025

Supervised By :Semsettin Yesilyurt 10/28/2025



#58

2-Chloroethyl Vinyl ether

Concen: 105.175 ug/l

RT: 10.141 min Scan# 1392

Delta R.T. 0.000 min

Lab File: VN088106.D

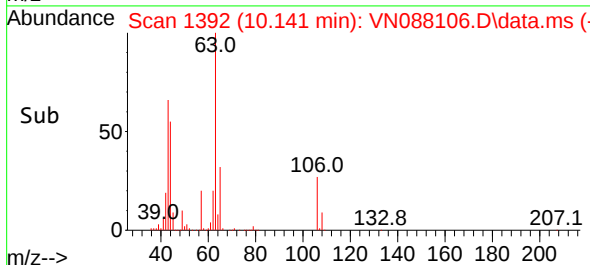
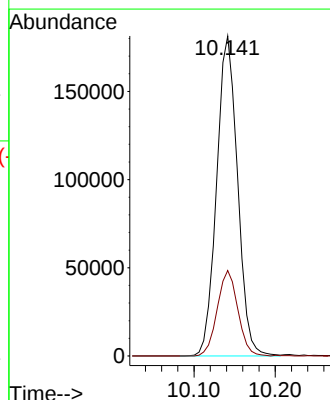
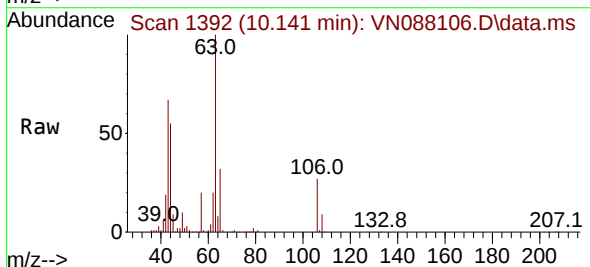
Acq: 27 Oct 2025 12:29

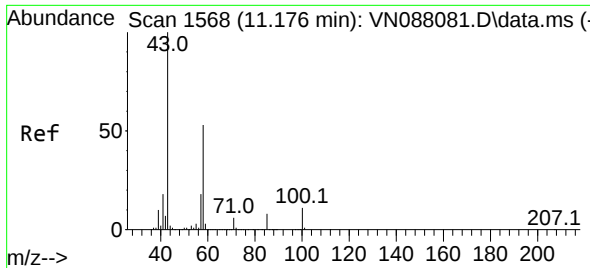
Tgt Ion: 63 Resp: 325457

Ion Ratio Lower Upper

63 100

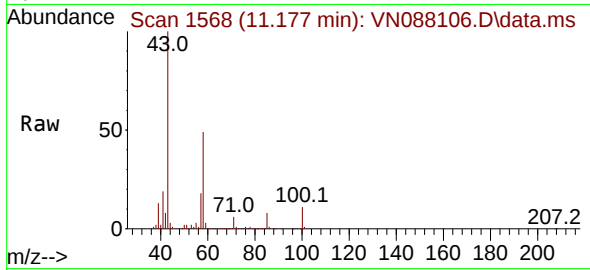
106 26.2 21.1 31.7





#59
2-Hexanone
Concen: 121.230 ug/l
RT: 11.177 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VN088106.D
Acq: 27 Oct 2025 12:29

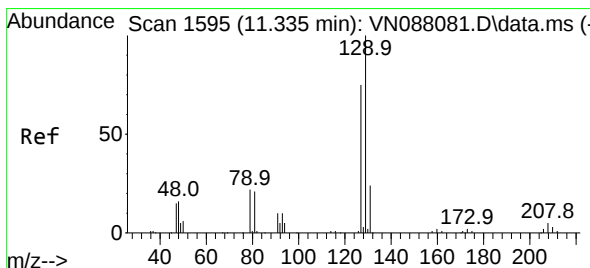
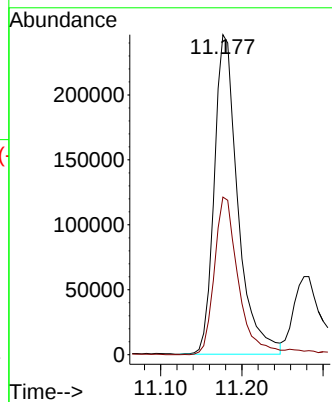
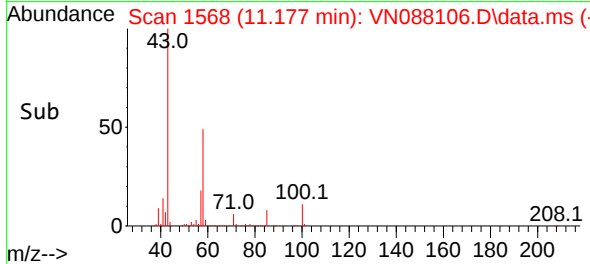
Instrument :
MSVOA_N
ClientSampleId :
VN1027WBSD01



Tgt Ion: 43 Resp: 497859
Ion Ratio Lower Upper
43 100
58 49.8 25.9 77.8

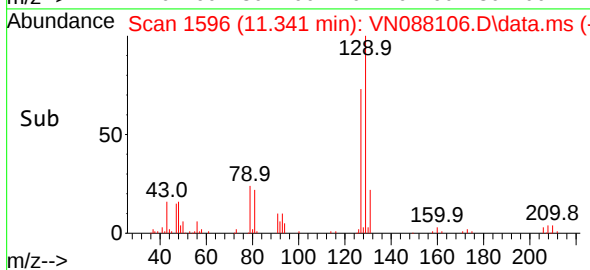
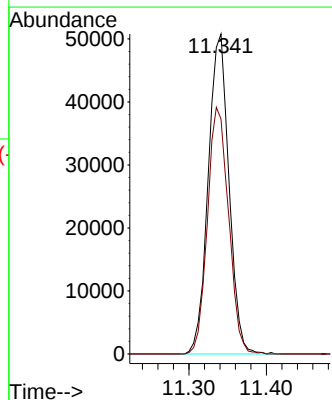
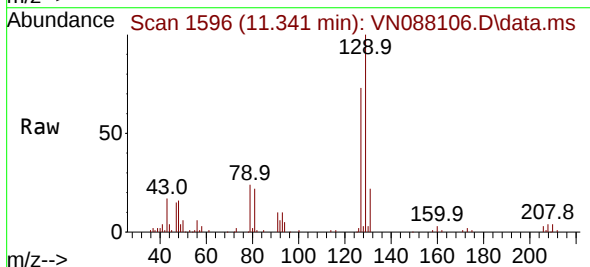
Manual Integrations
APPROVED

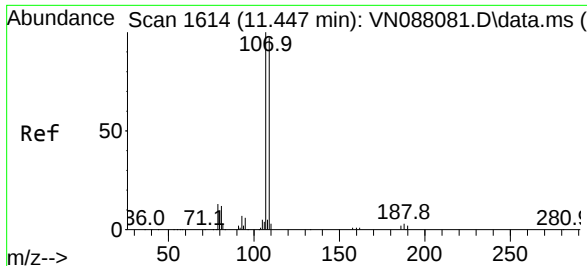
Reviewed By :John Carlone 10/28/2025
Supervised By :Semsettin Yesilyurt 10/28/2025



#60
Dibromochloromethane
Concen: 22.023 ug/l
RT: 11.341 min Scan# 1596
Delta R.T. 0.006 min
Lab File: VN088106.D
Acq: 27 Oct 2025 12:29

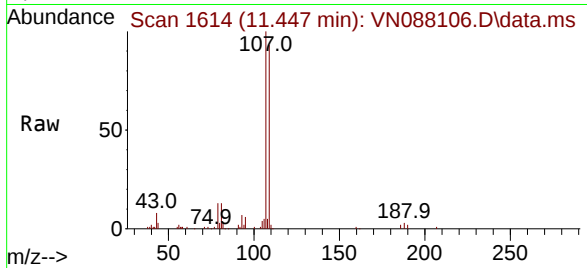
Tgt Ion:129 Resp: 94099
Ion Ratio Lower Upper
129 100
127 78.7 39.1 117.3





#61
1,2-Dibromoethane
Concen: 22.717 ug/l
RT: 11.447 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VN088106.D
Acq: 27 Oct 2025 12:29

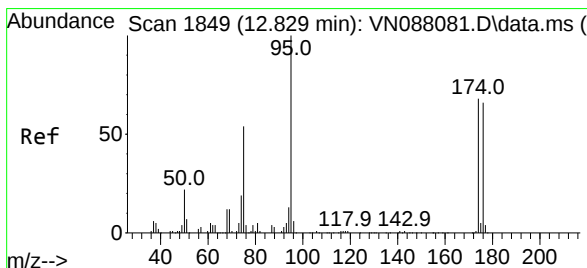
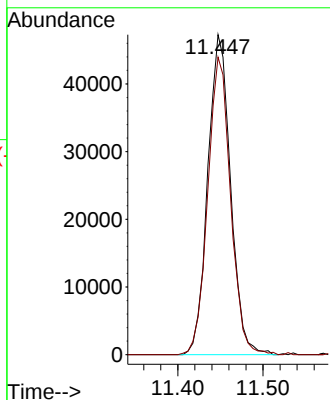
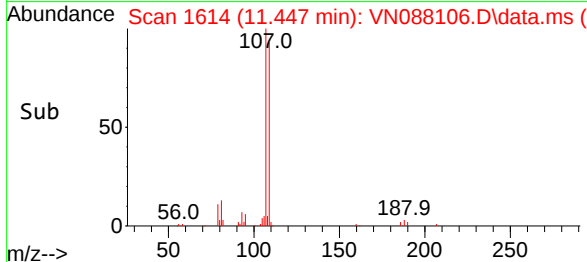
Instrument :
MSVOA_N
ClientSampleId :
VN1027WBSD01



Tgt Ion:107 Resp: 87889
Ion Ratio Lower Upper
107 100
109 93.2 74.7 112.1

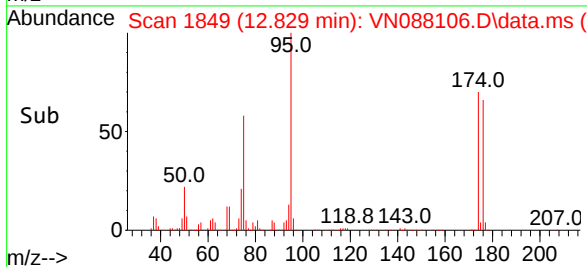
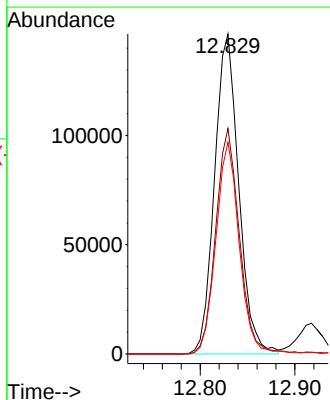
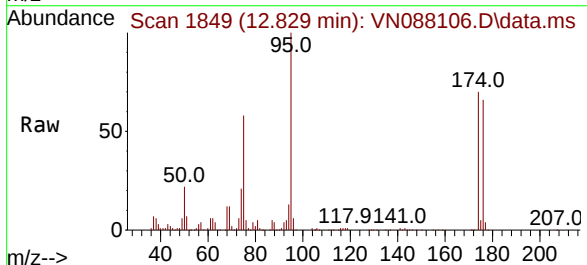
Manual Integrations
APPROVED

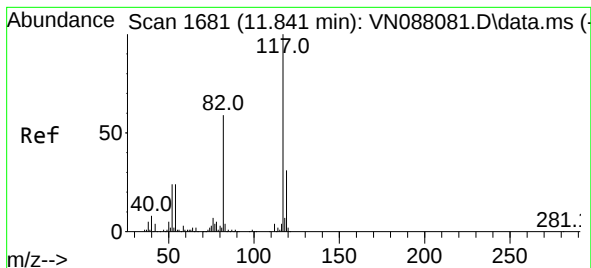
Reviewed By :John Carlone 10/28/2025
Supervised By :Semsettin Yesilyurt 10/28/2025



#62
4-Bromofluorobenzene
Concen: 52.870 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN088106.D
Acq: 27 Oct 2025 12:29

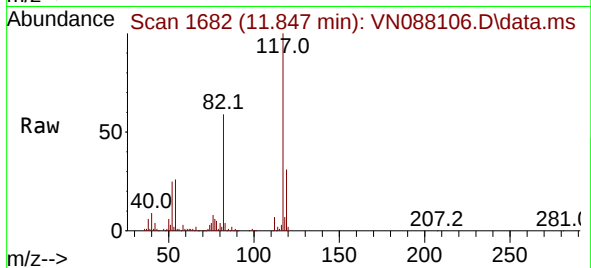
Tgt Ion: 95 Resp: 260025
Ion Ratio Lower Upper
95 100
174 69.0 0.0 138.4
176 64.1 0.0 132.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 11847
Delta R.T. 0.006 min
Lab File: VN088106.D
Acq: 27 Oct 2025 12:29

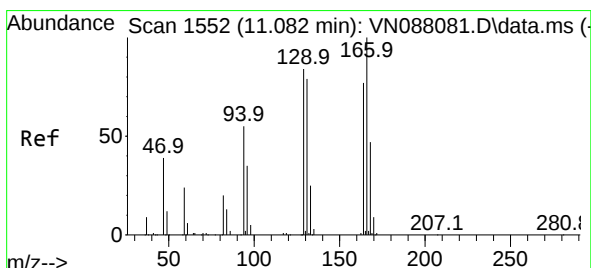
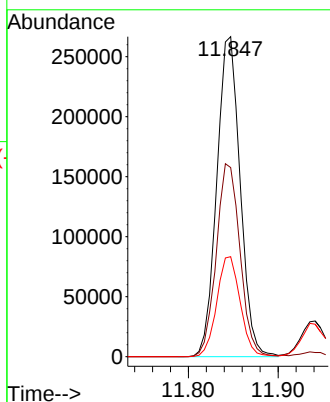
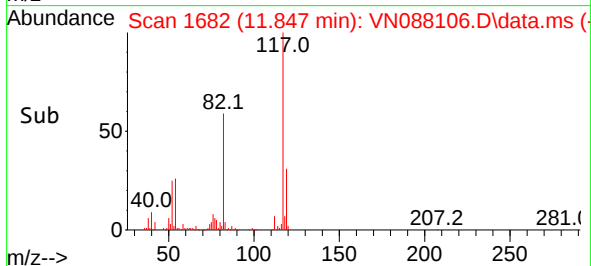
Instrument :
MSVOA_N
ClientSampleId :
VN1027WBSD01



Tgt Ion:117 Resp: 48288
Ion Ratio Lower Upper
117 100
82 59.1 47.4 71.2
119 31.2 24.3 36.5

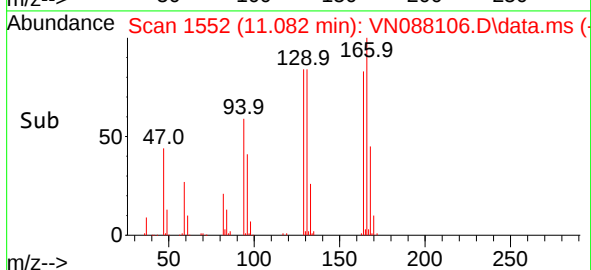
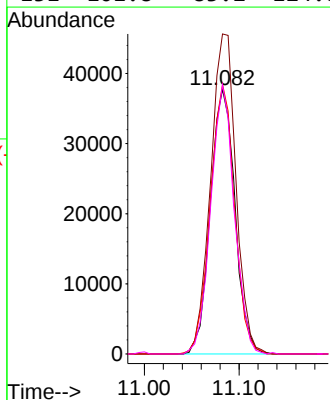
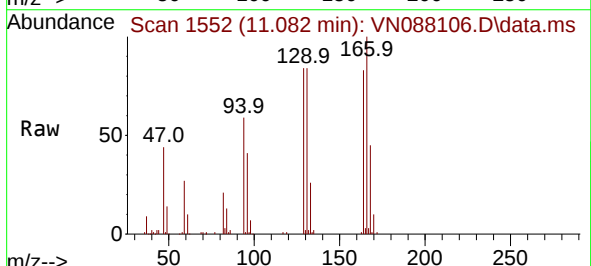
Manual Integrations
APPROVED

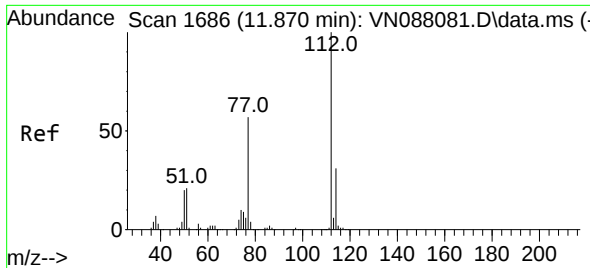
Reviewed By :John Carlone 10/28/2025
Supervised By :Semsettin Yesilyurt 10/28/2025



#64
Tetrachloroethene
Concen: 21.385 ug/l
RT: 11.082 min Scan# 1552
Delta R.T. 0.000 min
Lab File: VN088106.D
Acq: 27 Oct 2025 12:29

Tgt Ion:164 Resp: 68115
Ion Ratio Lower Upper
164 100
166 121.0 97.7 146.5
129 102.0 85.9 128.9
131 101.8 83.2 124.8





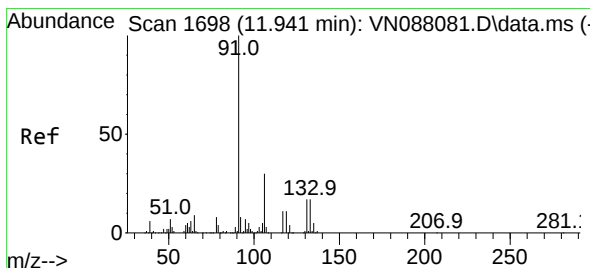
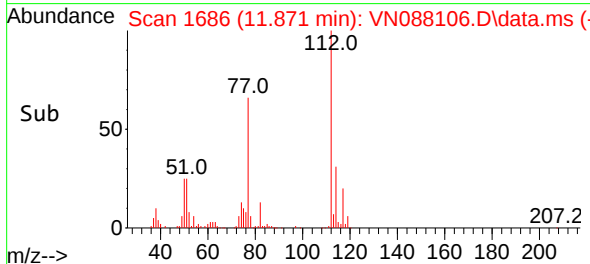
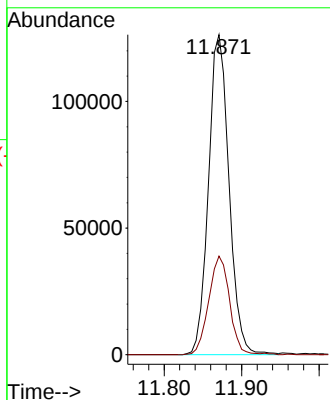
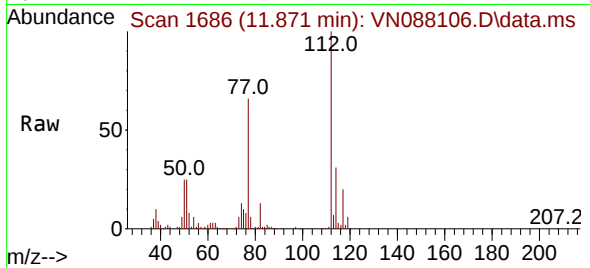
#65
Chlorobenzene
Concen: 21.243 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN088106.D
Acq: 27 Oct 2025 12:29

Instrument :
MSVOA_N
ClientSampleId :
VN1027WBSD01

Tgt Ion:112 Resp: 232930
Ion Ratio Lower Upper
112 100
114 30.8 24.3 36.5

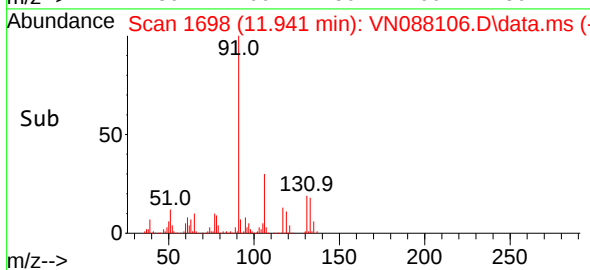
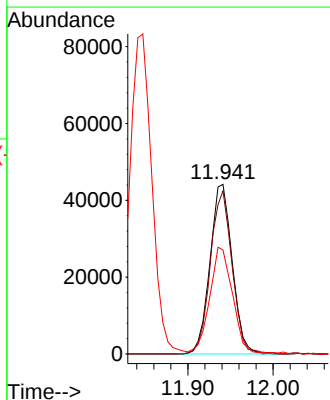
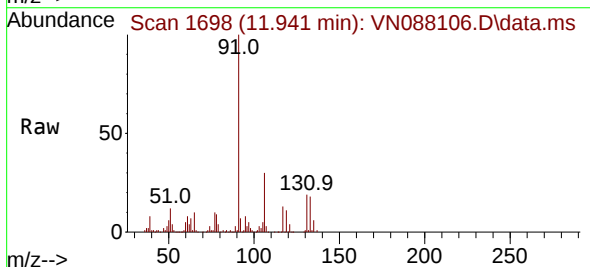
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/28/2025
Supervised By :Semsettin Yesilyurt 10/28/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 22.293 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VN088106.D
Acq: 27 Oct 2025 12:29

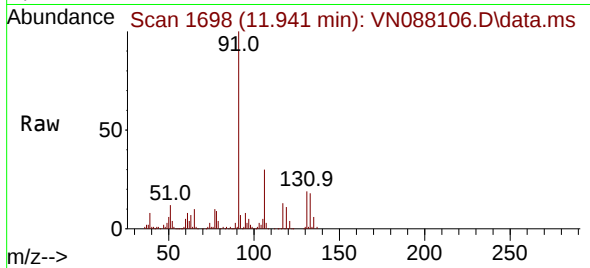
Tgt Ion:131 Resp: 80083
Ion Ratio Lower Upper
131 100
133 94.0 48.0 144.0
119 63.3 32.6 97.7





#67
Ethyl Benzene
Concen: 21.354 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VN088106.D
Acq: 27 Oct 2025 12:29

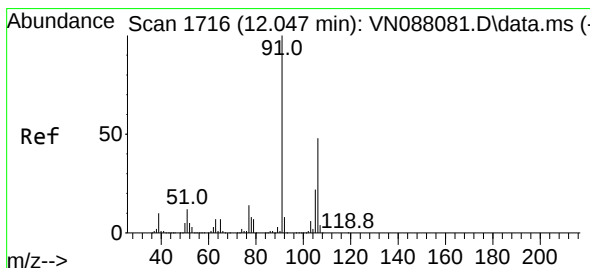
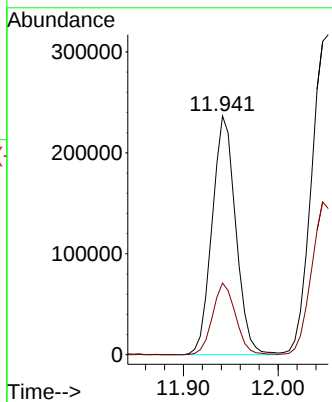
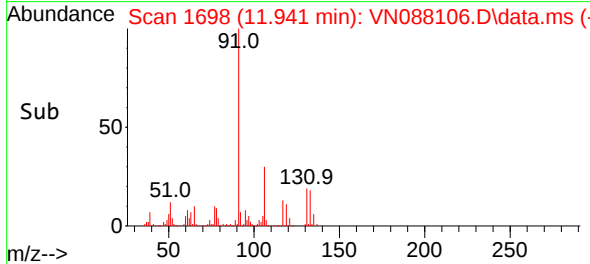
Instrument :
MSVOA_N
ClientSampleId :
VN1027WBSD01



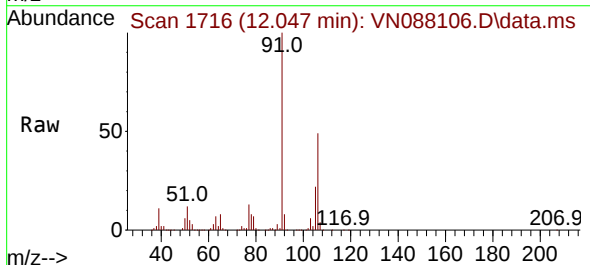
Tgt Ion: 91 Resp: 410990
Ion Ratio Lower Upper
91 100
106 30.0 24.1 36.1

Manual Integrations
APPROVED

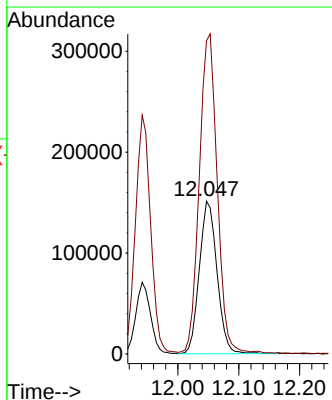
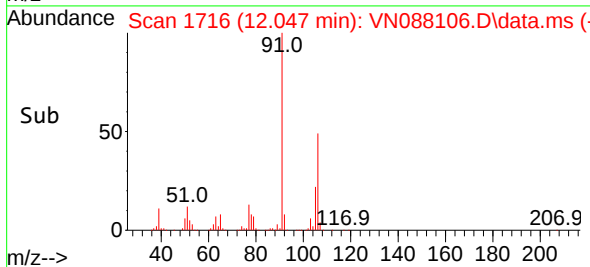
Reviewed By :John Carlone 10/28/2025
Supervised By :Semsettin Yesilyurt 10/28/2025

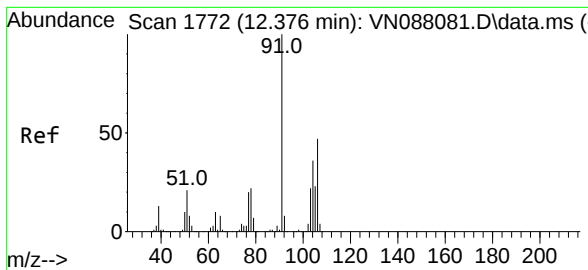


#68
m/p-Xylenes
Concen: 42.281 ug/l
RT: 12.047 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VN088106.D
Acq: 27 Oct 2025 12:29



Tgt Ion:106 Resp: 304906
Ion Ratio Lower Upper
106 100
91 211.8 169.3 253.9





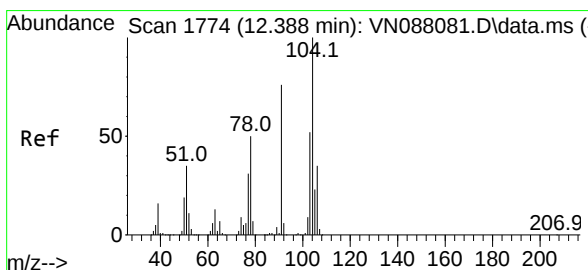
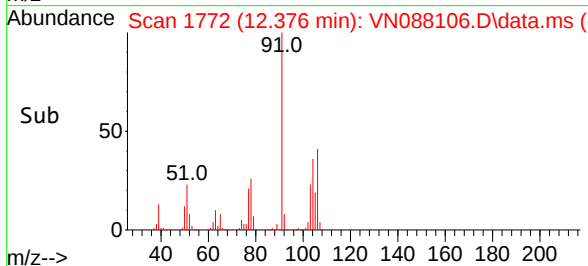
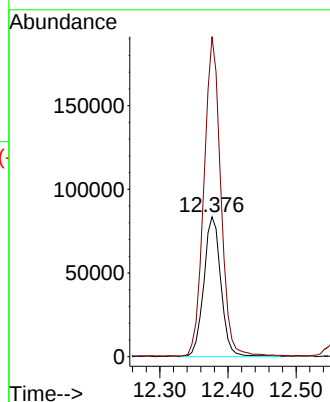
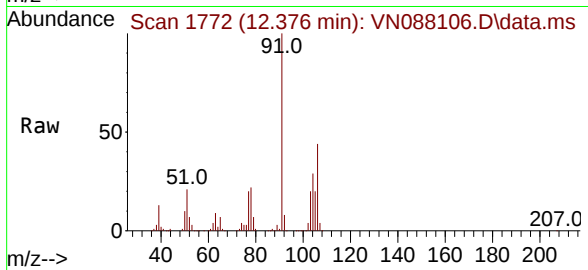
#69
o-Xylene
Concen: 21.377 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VN088106.D
Acq: 27 Oct 2025 12:29

Instrument :
MSVOA_N
ClientSampleId :
VN1027WBSD01

Tgt Ion:106 Resp: 146130
Ion Ratio Lower Upper
106 100
91 224.3 111.4 334.2

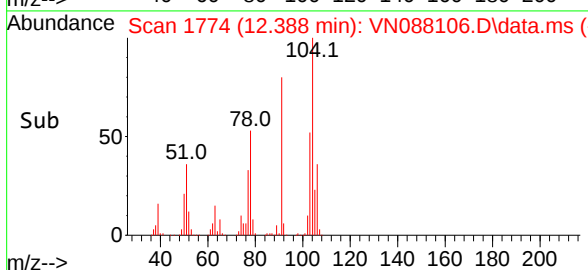
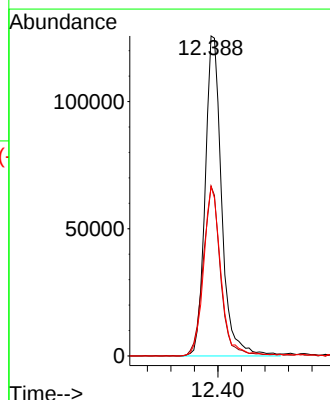
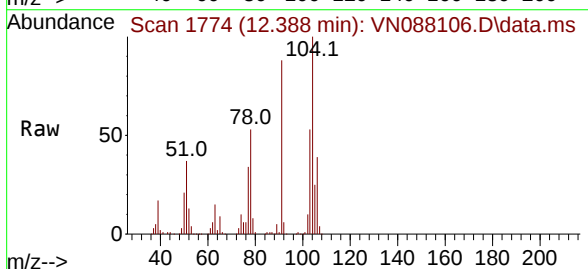
Manual Integrations
APPROVED

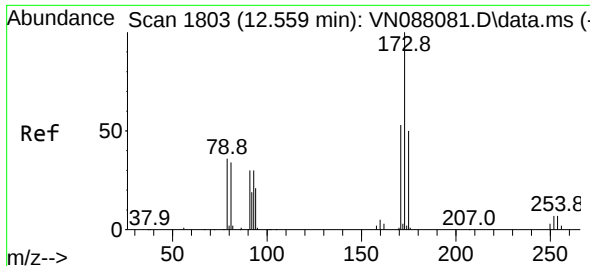
Reviewed By :John Carlone 10/28/2025
Supervised By :Semsettin Yesilyurt 10/28/2025



#70
Styrene
Concen: 22.117 ug/l
RT: 12.388 min Scan# 1774
Delta R.T. 0.000 min
Lab File: VN088106.D
Acq: 27 Oct 2025 12:29

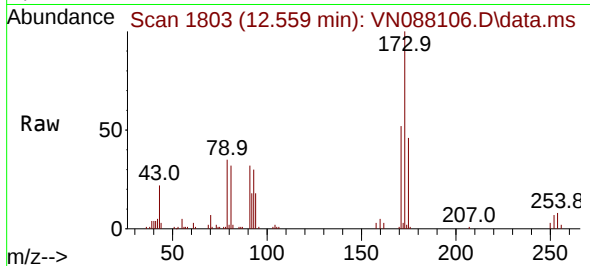
Tgt Ion:104 Resp: 246549
Ion Ratio Lower Upper
104 100
78 55.5 42.2 63.2
103 55.3 43.4 65.2





#71
Bromoform
Concen: 22.731 ug/l
RT: 12.559 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN088106.D
Acq: 27 Oct 2025 12:29

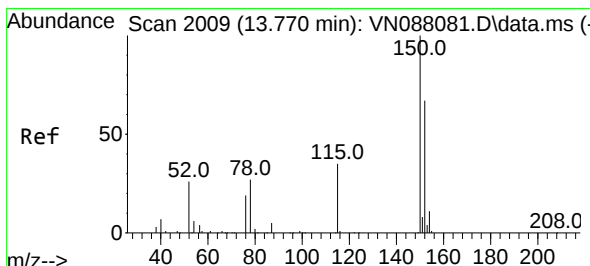
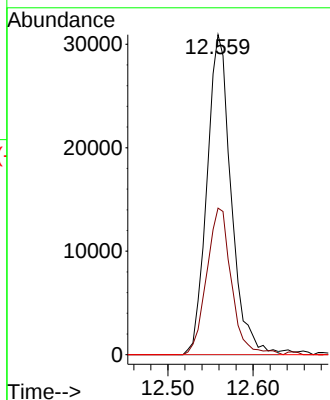
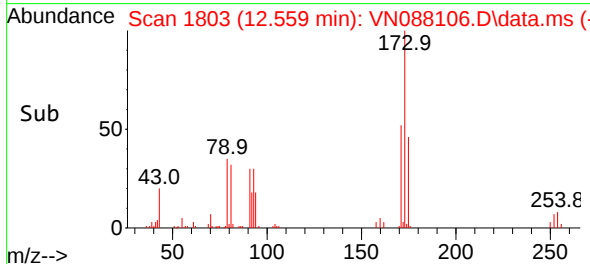
Instrument :
MSVOA_N
ClientSampleId :
VN1027WBSD01



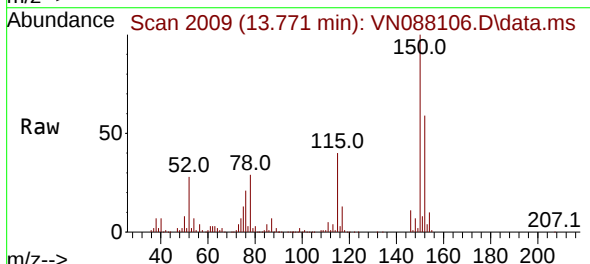
Tgt Ion:173 Resp: 60938
Ion Ratio Lower Upper
173 100
175 46.8 24.9 74.6
254 0.0 0.1 0.1

Manual Integrations
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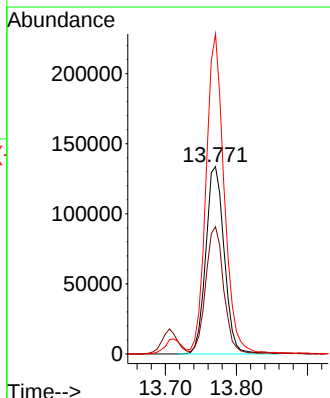
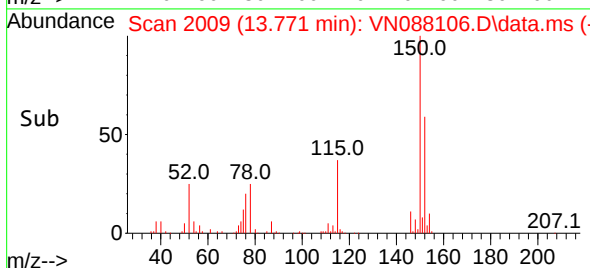
Reviewed By :John Carlone 10/28/2025
Supervised By :Semsettin Yesilyurt 10/28/2025

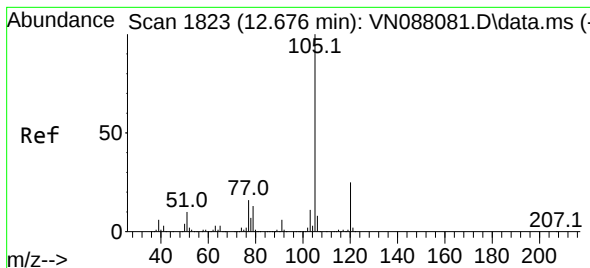


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.771 min Scan# 2009
Delta R.T. 0.006 min
Lab File: VN088106.D
Acq: 27 Oct 2025 12:29



Tgt Ion:152 Resp: 241641
Ion Ratio Lower Upper
152 100
115 65.5 32.3 96.8
150 167.3 0.0 351.0





#73

Isopropylbenzene

Concen: 20.635 ug/l

RT: 12.676 min Scan# 1811

Delta R.T. 0.006 min

Lab File: VN088106.D

Acq: 27 Oct 2025 12:29

Instrument :

MSVOA_N

ClientSampleId :

VN1027WBSD01

Tgt Ion:105 Resp: 38457

Ion Ratio Lower Upper

105 100

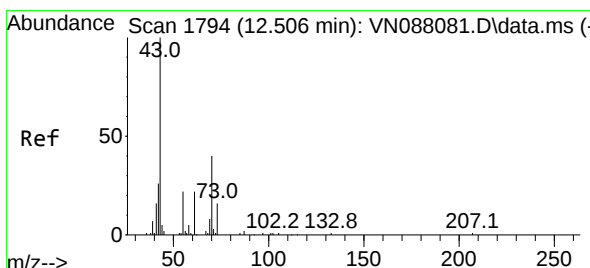
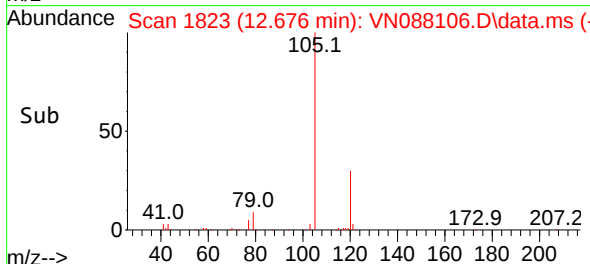
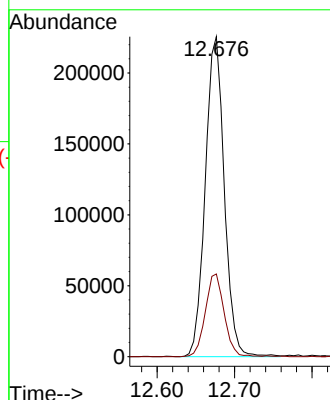
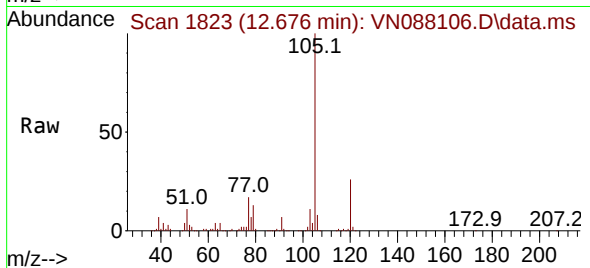
120 25.5 12.8 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/28/2025

Supervised By :Semsettin Yesilyurt 10/28/2025



#74

N-ethyl acetate

Concen: 22.419 ug/l m

RT: 12.606 min Scan# 1811

Delta R.T. 0.106 min

Lab File: VN088106.D

Acq: 27 Oct 2025 12:29

Tgt Ion: 43 Resp: 118608

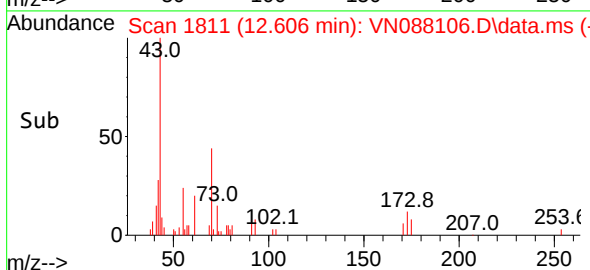
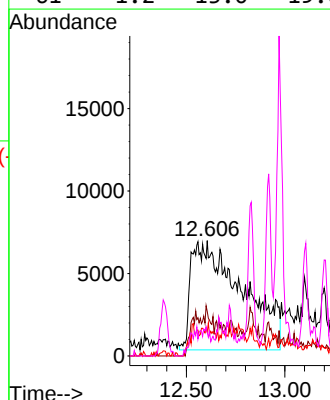
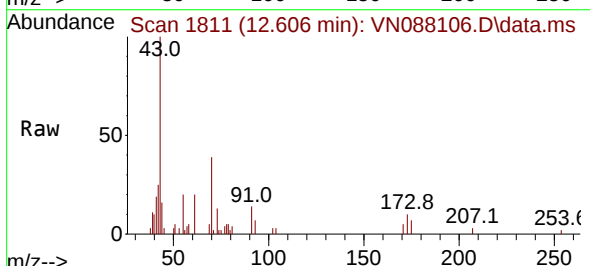
Ion Ratio Lower Upper

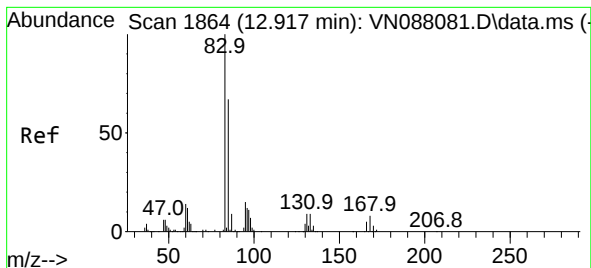
43 100

70 7.7 27.6 41.4#

55 0.0 13.0 19.6#

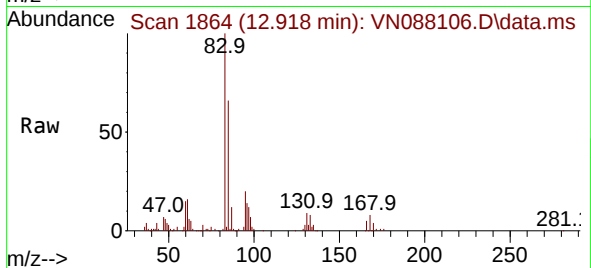
61 1.2 13.0 19.6#





#75
1,1,2,2-Tetrachloroethane
Concen: 22.402 ug/l
RT: 12.918 min Scan# 1864
Delta R.T. 0.000 min
Lab File: VN088106.D
Acq: 27 Oct 2025 12:29

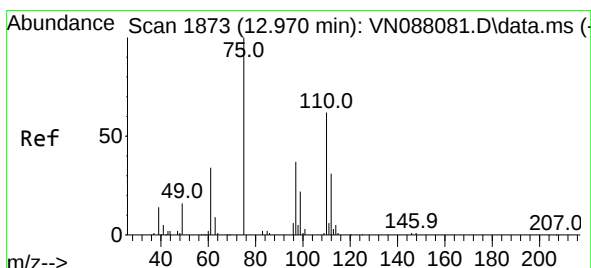
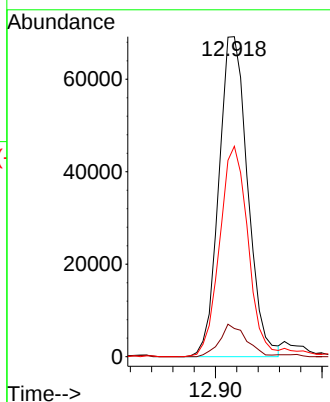
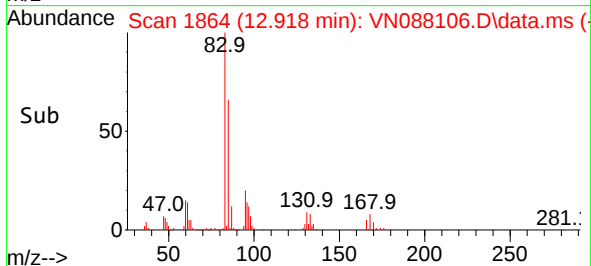
Instrument :
MSVOA_N
ClientSampleId :
VN1027WBSD01



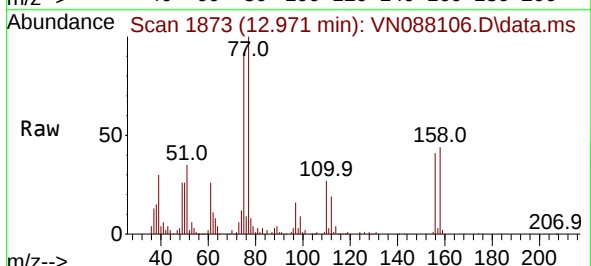
Tgt Ion: 83 Resp: 12998
Ion Ratio Lower Upper
83 100
131 9.4 4.8 14.4
85 64.7 32.1 96.3

Manual Integrations
APPROVED

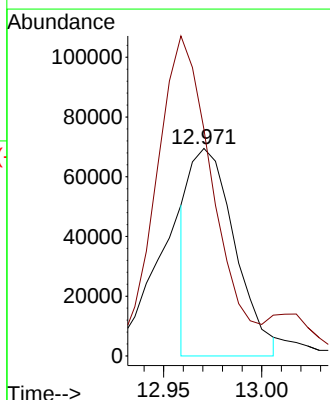
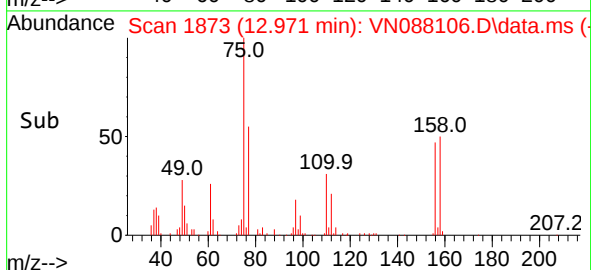
Reviewed By :John Carlone 10/28/2025
Supervised By :Semsettin Yesilyurt 10/28/2025

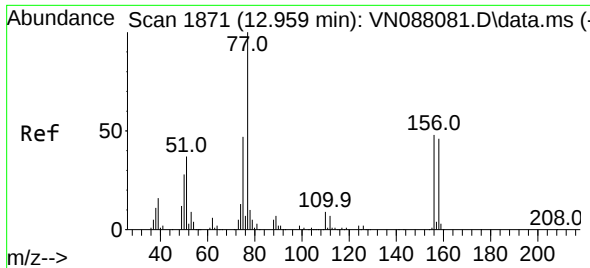


#76
1,2,3-Trichloropropane
Concen: 20.162 ug/l m
RT: 12.971 min Scan# 1873
Delta R.T. 0.000 min
Lab File: VN088106.D
Acq: 27 Oct 2025 12:29



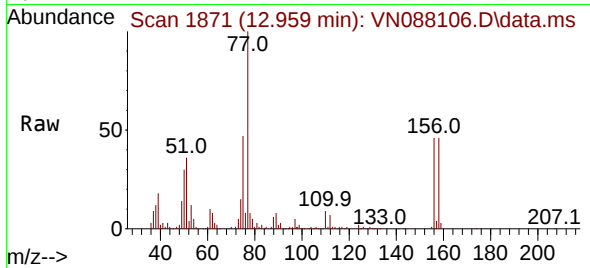
Tgt Ion: 75 Resp: 111389
Ion Ratio Lower Upper
75 100
77 196.0 89.1 267.4





#77
Bromobenzene
Concen: 22.489 ug/l
RT: 12.959 min Scan# 1871
Delta R.T. 0.000 min
Lab File: VN088106.D
Acq: 27 Oct 2025 12:29

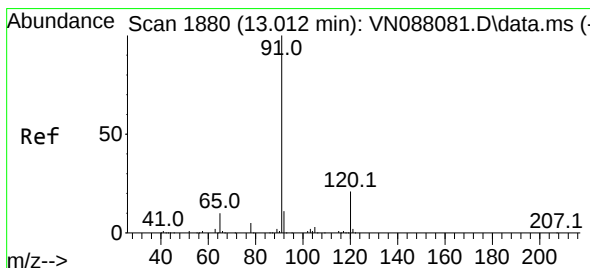
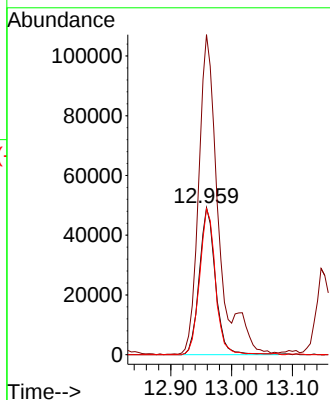
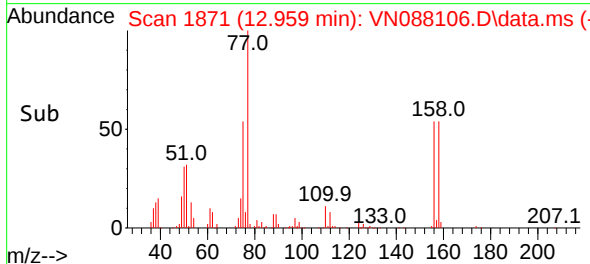
Instrument :
MSVOA_N
ClientSampleId :
VN1027WBSD01



Tgt Ion:156 Resp: 90382
Ion Ratio Lower Upper
156 100
77 241.5 119.3 358.0
158 97.2 48.2 144.6

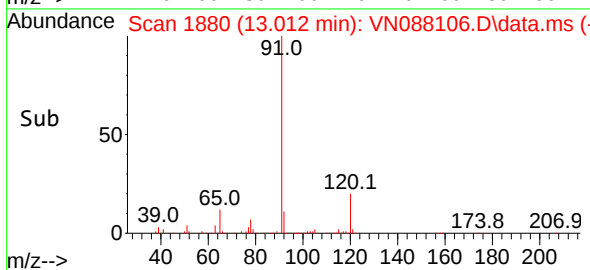
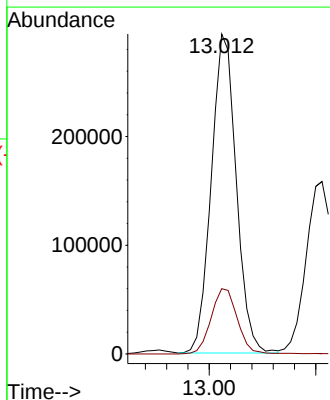
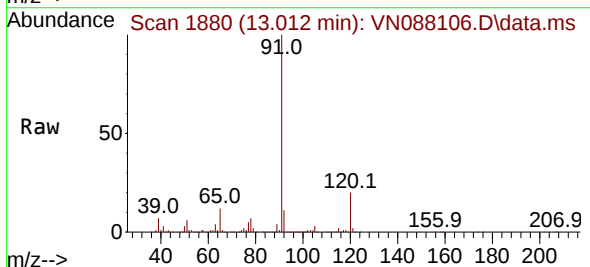
Manual Integrations
APPROVED

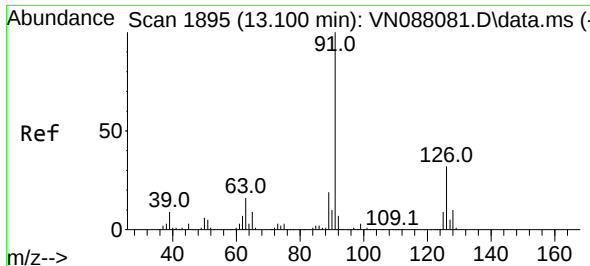
Reviewed By :John Carlone 10/28/2025
Supervised By :Semsettin Yesilyurt 10/28/2025



#78
n-propylbenzene
Concen: 21.014 ug/l
RT: 13.012 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN088106.D
Acq: 27 Oct 2025 12:29

Tgt Ion: 91 Resp: 477927
Ion Ratio Lower Upper
91 100
120 21.5 10.7 32.1





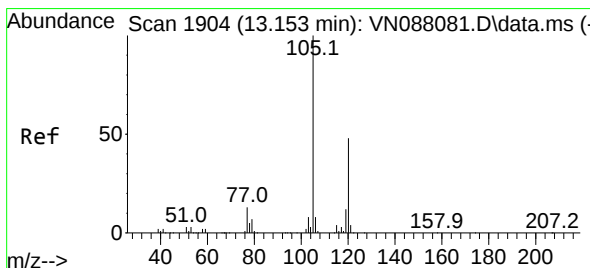
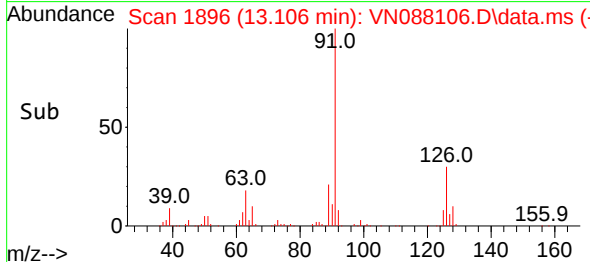
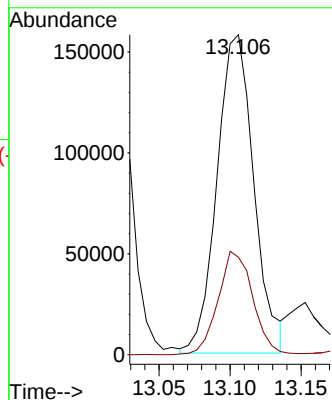
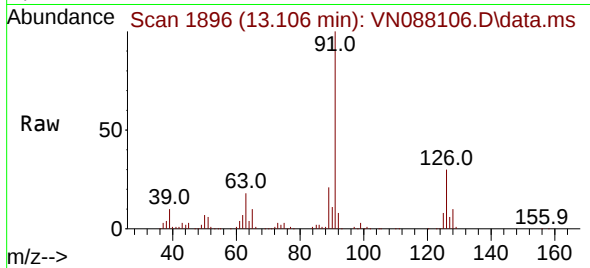
#79
2-Chlorotoluene
Concen: 21.990 ug/l
RT: 13.106 min Scan# 1895
Delta R.T. 0.006 min
Lab File: VN088106.D
Acq: 27 Oct 2025 12:29

Instrument :
MSVOA_N
ClientSampleId :
VN1027WBSD01

Tgt Ion: 91 Resp: 285224
Ion Ratio Lower Upper
91 100
126 30.5 16.1 48.3

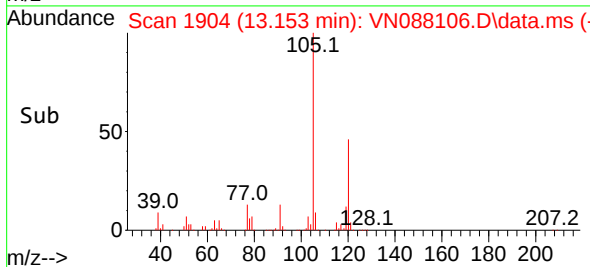
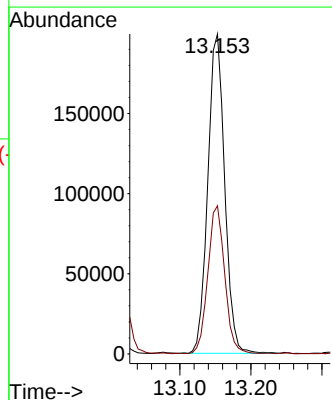
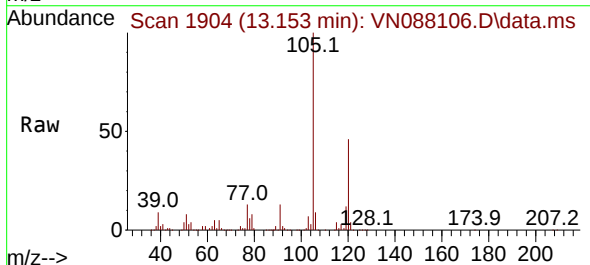
Manual Integrations
APPROVED

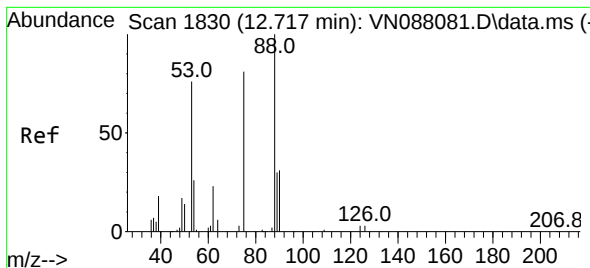
Reviewed By :John Carlone 10/28/2025
Supervised By :Semsettin Yesilyurt 10/28/2025



#80
1,3,5-Trimethylbenzene
Concen: 21.289 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VN088106.D
Acq: 27 Oct 2025 12:29

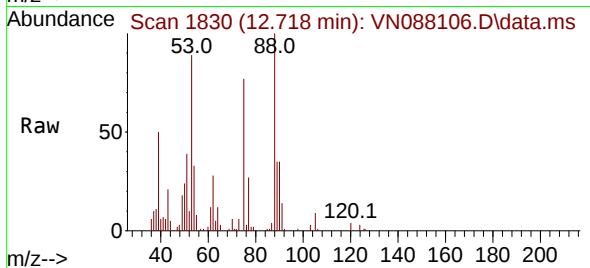
Tgt Ion:105 Resp: 329515
Ion Ratio Lower Upper
105 100
120 46.4 23.2 69.6





#81
trans-1,4-Dichloro-2-butene
Concen: 18.845 ug/l
RT: 12.718 min Scan# 1830
Delta R.T. 0.000 min
Lab File: VN088106.D
Acq: 27 Oct 2025 12:29

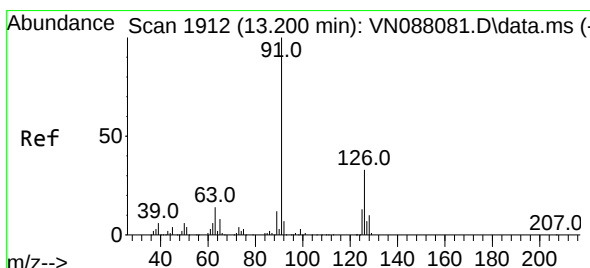
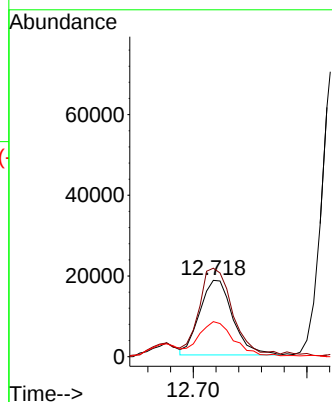
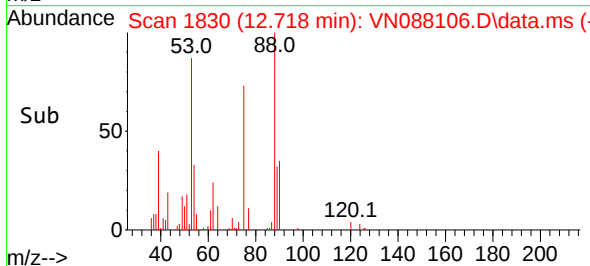
Instrument :
MSVOA_N
ClientSampleId :
VN1027WBSD01



Tgt Ion: 75 Resp: 3732
Ion Ratio Lower Upper
75 100
53 122.0 101.8 152.6
89 49.7 35.6 53.4

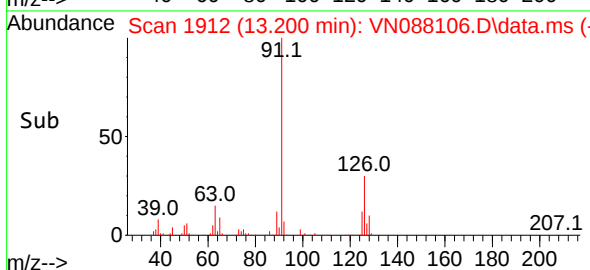
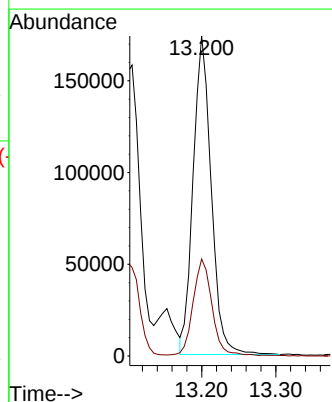
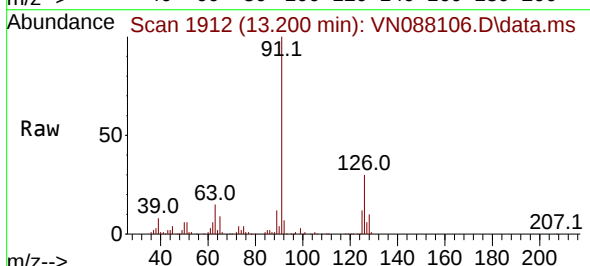
Manual Integrations
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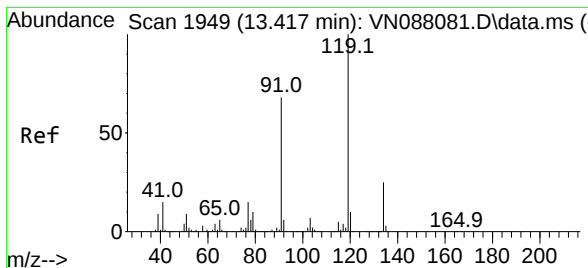
Reviewed By :John Carlone 10/28/2025
Supervised By :Semsettin Yesilyurt 10/28/2025



#82
4-Chlorotoluene
Concen: 20.967 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VN088106.D
Acq: 27 Oct 2025 12:29

Tgt Ion: 91 Resp: 294217
Ion Ratio Lower Upper
91 100
126 32.3 15.6 46.8





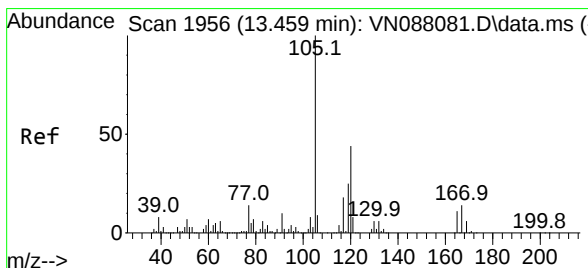
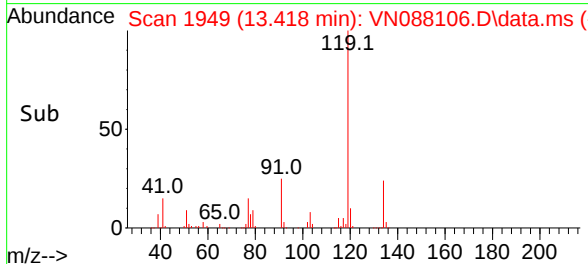
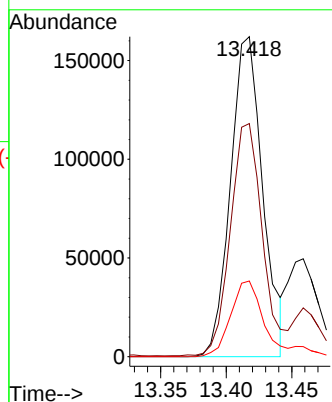
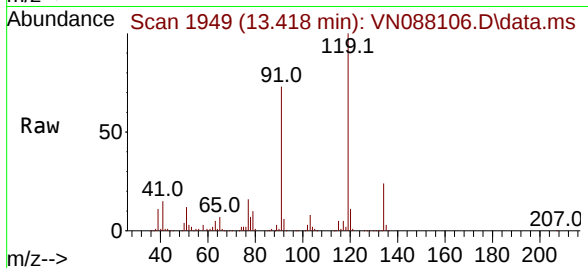
#83
tert-Butylbenzene
Concen: 20.066 ug/l
RT: 13.418 min Scan# 1949
Delta R.T. 0.000 min
Lab File: VN088106.D
Acq: 27 Oct 2025 12:29

Instrument :
MSVOA_N
ClientSampleId :
VN1027WBSD01

Tgt Ion:119 Resp: 27744
Ion Ratio Lower Upper
119 100
91 72.6 35.0 105.0
134 25.9 12.6 37.8

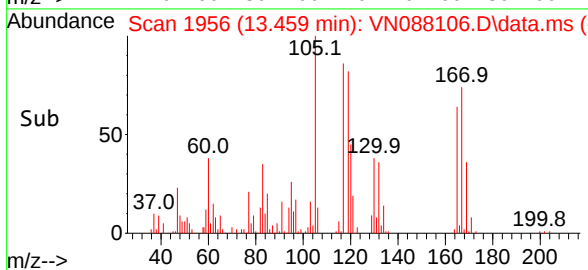
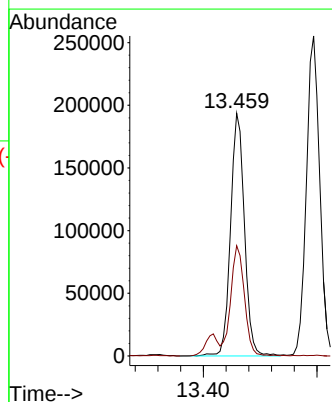
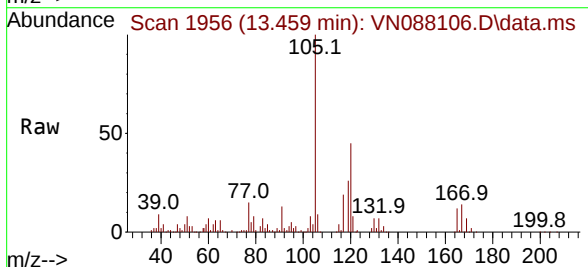
Manual Integrations
APPROVED

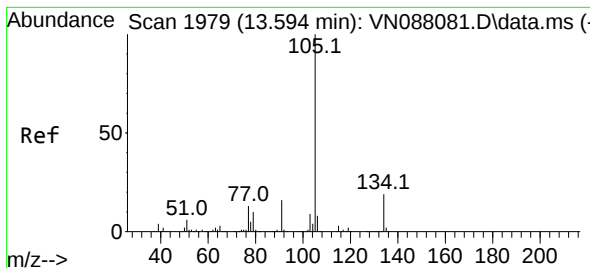
Reviewed By :John Carlone 10/28/2025
Supervised By :Semsettin Yesilyurt 10/28/2025



#84
1,2,4-Trimethylbenzene
Concen: 21.236 ug/l
RT: 13.459 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VN088106.D
Acq: 27 Oct 2025 12:29

Tgt Ion:105 Resp: 328873
Ion Ratio Lower Upper
105 100
120 44.7 22.0 66.0





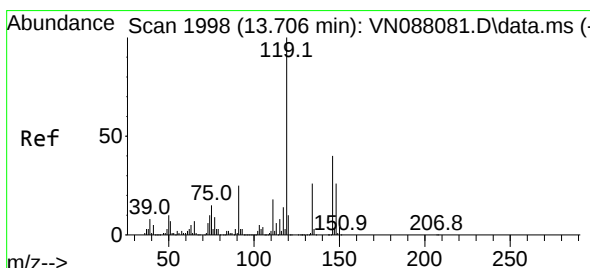
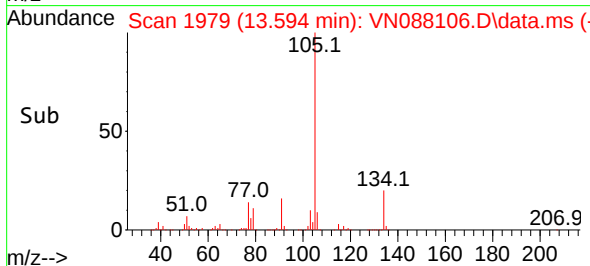
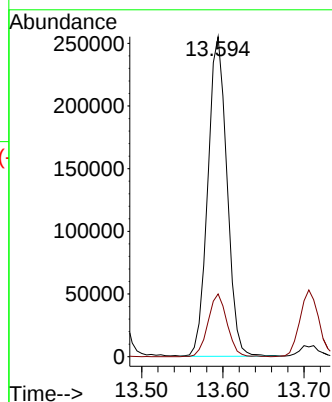
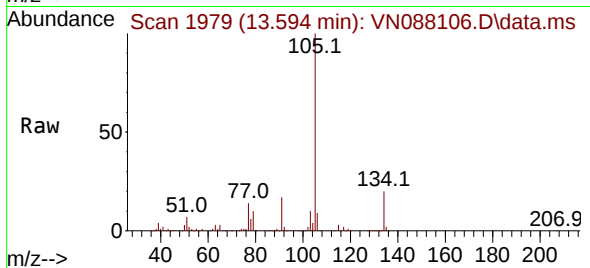
#85
 sec-Butylbenzene
 Concen: 20.529 ug/l
 RT: 13.594 min Scan# 1979
 Delta R.T. 0.000 min
 Lab File: VN088106.D
 Acq: 27 Oct 2025 12:29

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1027WBSD01

Tgt Ion:105 Resp: 41704
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.6 28.6

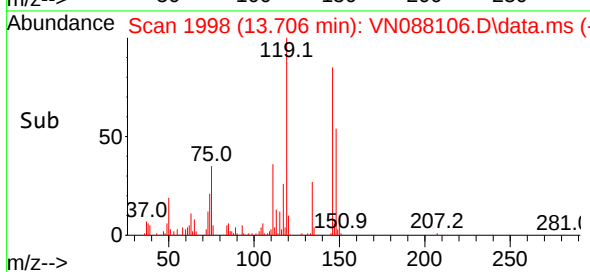
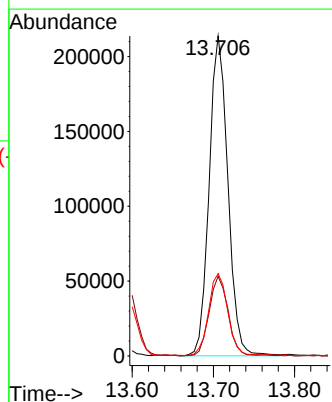
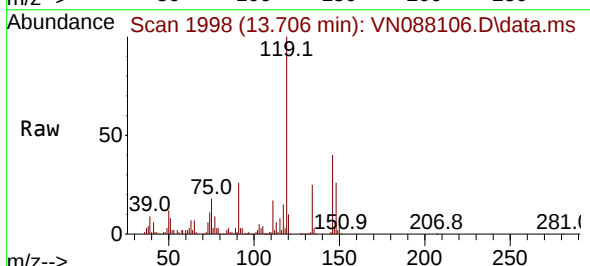
Manual Integrations
 APPROVED

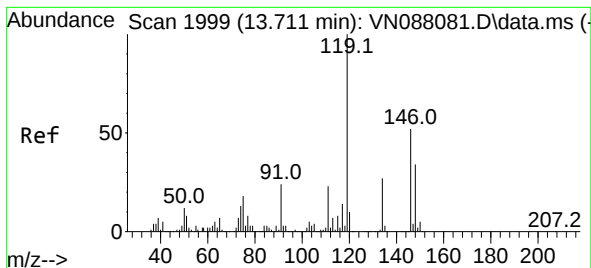
Reviewed By :John Carlone 10/28/2025
 Supervised By :Semsettin Yesilyurt 10/28/2025



#86
 p-Isopropyltoluene
 Concen: 20.964 ug/l
 RT: 13.706 min Scan# 1998
 Delta R.T. 0.000 min
 Lab File: VN088106.D
 Acq: 27 Oct 2025 12:29

Tgt Ion:119 Resp: 341638
 Ion Ratio Lower Upper
 119 100
 134 25.6 12.7 38.0
 91 26.5 12.5 37.5





#87

1,3-Dichlorobenzene

Concen: 21.549 ug/l

RT: 13.712 min Scan# 1999

Delta R.T. 0.000 min

Lab File: VN088106.D

Acq: 27 Oct 2025 12:29

Instrument :

MSVOA_N

ClientSampleId :

VN1027WBSD01

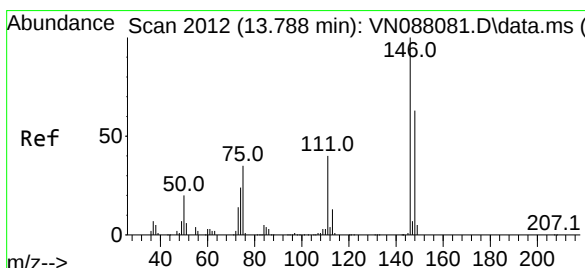
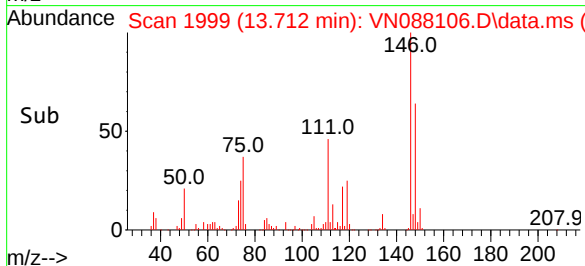
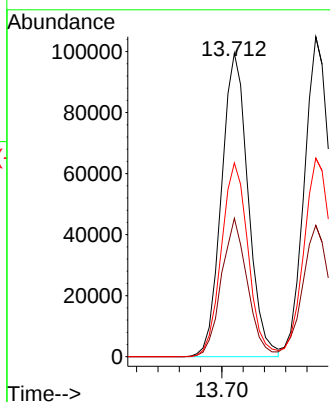
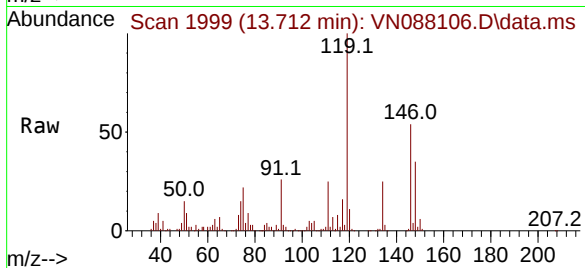
Tgt Ion:146 Resp: 172884
 Ion Ratio Lower Upper
 146 100
 111 44.5 22.1 66.5
 148 64.2 32.0 96.2

Manual Integrations

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Reviewed By :John Carlone 10/28/2025

Supervised By :Semsettin Yesilyurt 10/28/2025



#88

1,4-Dichlorobenzene

Concen: 20.817 ug/l

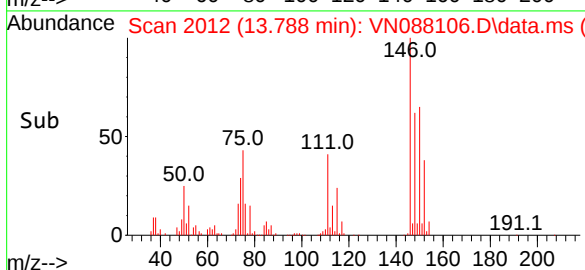
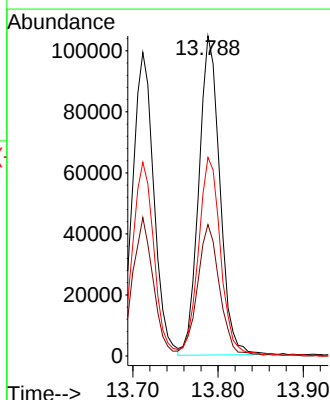
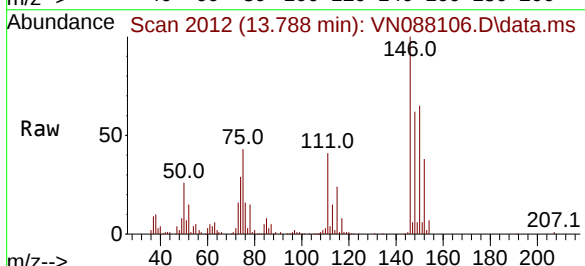
RT: 13.788 min Scan# 1212

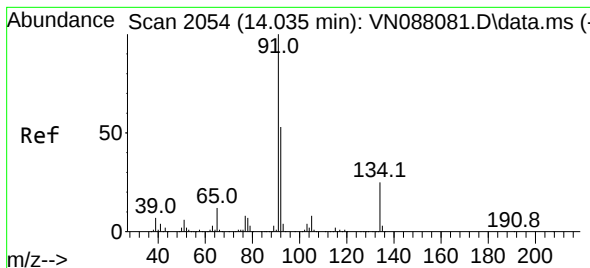
Delta R.T. 0.000 min

Lab File: VN088106.D

Acq: 27 Oct 2025 12:29

Tgt Ion:146 Resp: 179380
 Ion Ratio Lower Upper
 146 100
 111 44.0 21.0 63.0
 148 65.6 32.0 96.0





#89

n-Butylbenzene

Concen: 20.922 ug/l

RT: 14.035 min Scan# 2054

Delta R.T. 0.006 min

Lab File: VN088106.D

Acq: 27 Oct 2025 12:29

Instrument :

MSVOA_N

ClientSampleId :

VN1027WBSD01

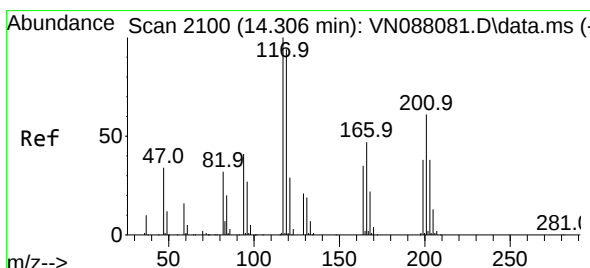
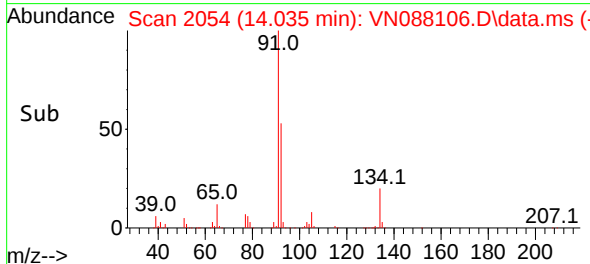
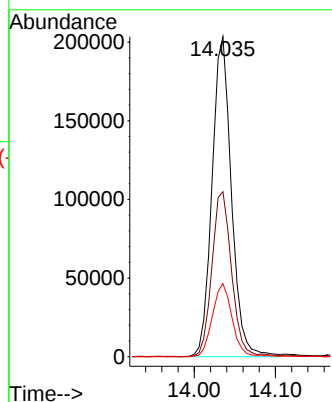
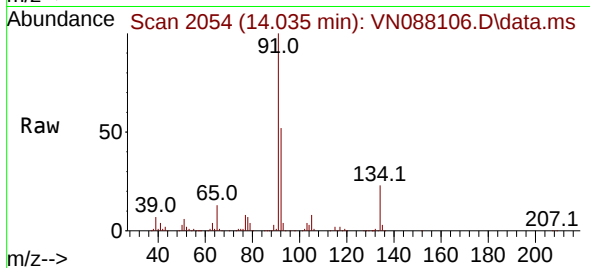
Tgt Ion:	91	Resp:	33773
Ion Ratio	Lower	Upper	
91	100		
92	52.8	25.9	77.8
134	23.2	11.7	35.0

Manual Integrations

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Reviewed By :John Carlone 10/28/2025

Supervised By :Semsettin Yesilyurt 10/28/2025



#90

Hexachloroethane

Concen: 20.120 ug/l

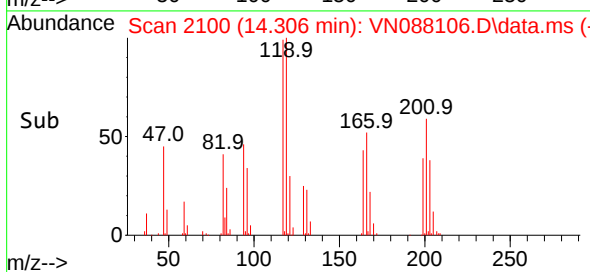
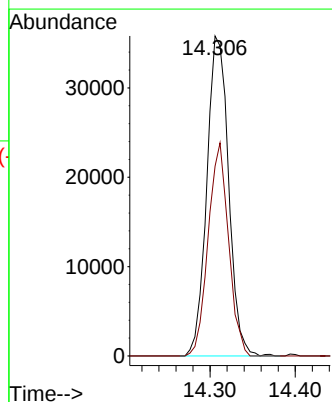
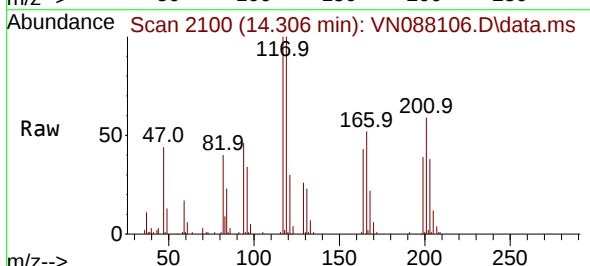
RT: 14.306 min Scan# 2100

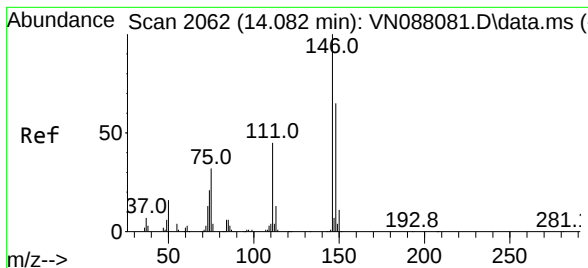
Delta R.T. -0.006 min

Lab File: VN088106.D

Acq: 27 Oct 2025 12:29

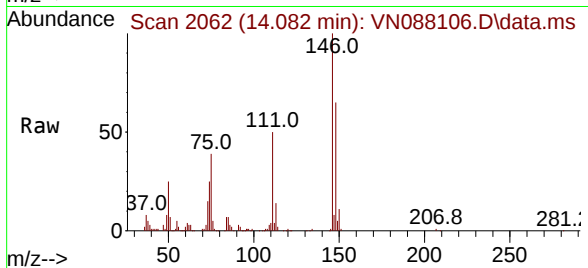
Tgt Ion:	117	Resp:	63496
Ion Ratio	Lower	Upper	
117	100		
201	62.3	29.1	87.4





#91
 1,2-Dichlorobenzene
 Concen: 21.745 ug/l
 RT: 14.082 min Scan# 2062
 Delta R.T. 0.000 min
 Lab File: VN088106.D
 Acq: 27 Oct 2025 12:29

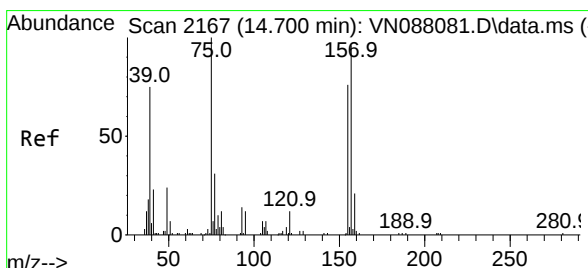
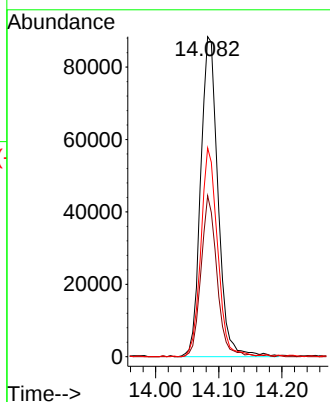
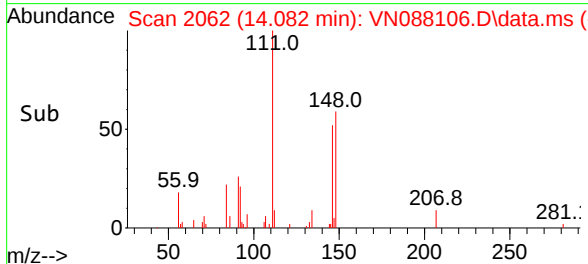
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1027WBSD01



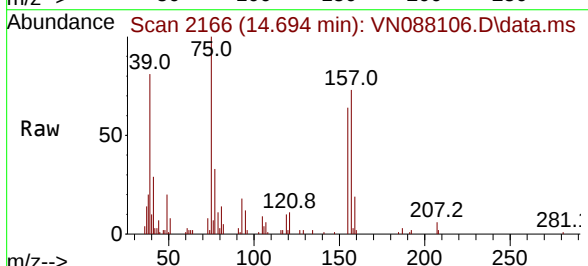
Tgt Ion:146 Resp: 168164
 Ion Ratio Lower Upper
 146 100
 111 46.2 22.6 67.8
 148 62.9 31.9 95.9

Manual Integrations
 APPROVED

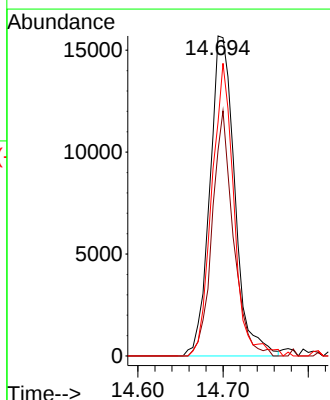
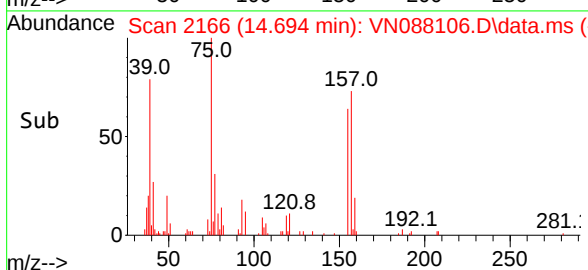
Reviewed By :John Carlone 10/28/2025
 Supervised By :Semsettin Yesilyurt 10/28/2025

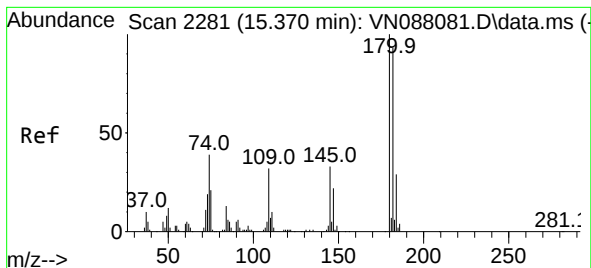


#92
 1,2-Dibromo-3-Chloropropane
 Concen: 23.691 ug/l
 RT: 14.694 min Scan# 2166
 Delta R.T. -0.006 min
 Lab File: VN088106.D
 Acq: 27 Oct 2025 12:29



Tgt Ion: 75 Resp: 31995
 Ion Ratio Lower Upper
 75 100
 155 65.0 36.6 109.9
 157 81.3 45.6 136.9





#93

1,2,4-Trichlorobenzene

Concen: 21.556 ug/l

RT: 15.370 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN088106.D

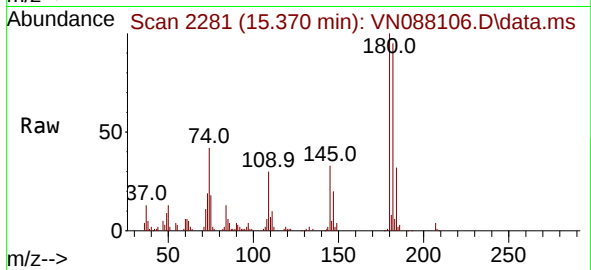
Acq: 27 Oct 2025 12:29

Instrument :

MSVOA_N

ClientSampleId :

VN1027WBSD01



Tgt Ion:180 Resp: 10096

Ion Ratio Lower Upper

180 100

182 95.5 47.6 142.9

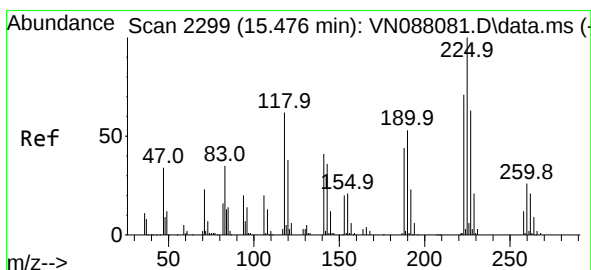
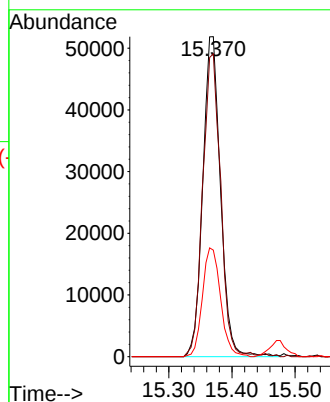
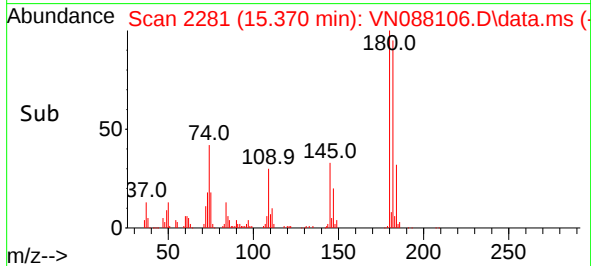
145 34.9 16.5 49.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/28/2025

Supervised By :Semsettin Yesilyurt 10/28/2025



#94

Hexachlorobutadiene

Concen: 22.036 ug/l

RT: 15.476 min Scan# 2299

Delta R.T. 0.000 min

Lab File: VN088106.D

Acq: 27 Oct 2025 12:29

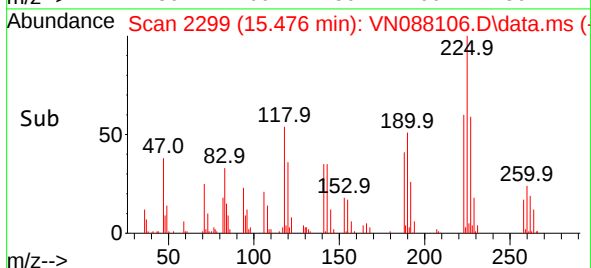
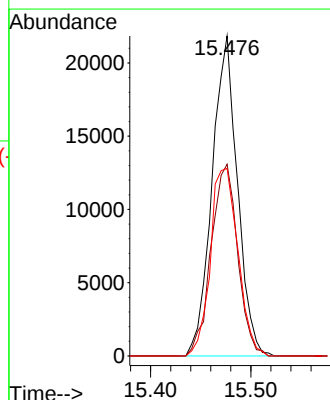
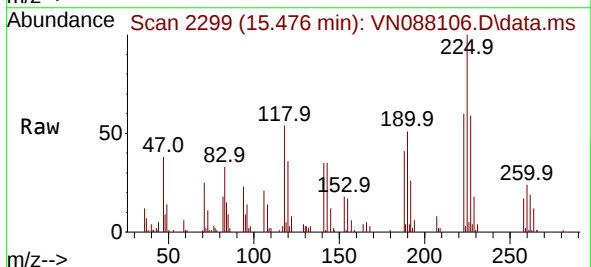
Tgt Ion:225 Resp: 38434

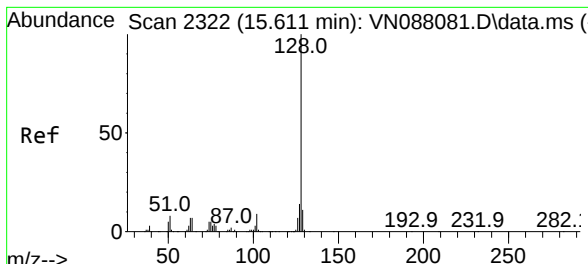
Ion Ratio Lower Upper

225 100

223 62.5 32.0 96.2

227 63.5 32.1 96.5





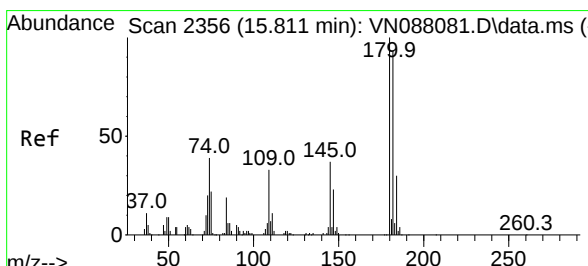
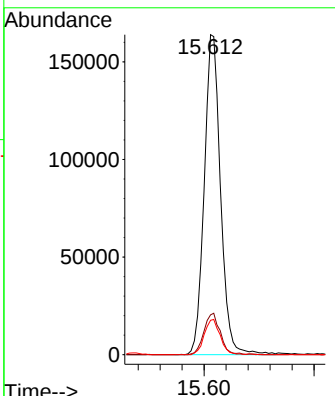
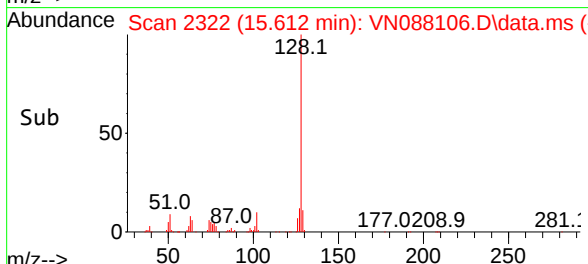
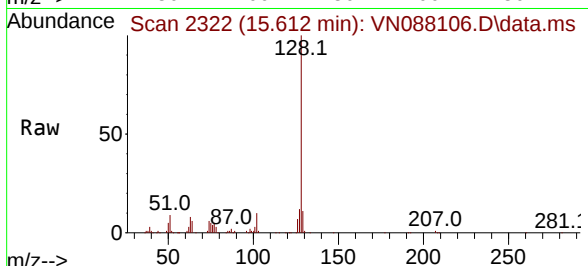
#95
 Naphthalene
 Concen: 21.055 ug/l
 RT: 15.612 min Scan# 2322
 Delta R.T. 0.000 min
 Lab File: VN088106.D
 Acq: 27 Oct 2025 12:29

Instrument : MSVOA_N
 ClientSampleId : VN1027WBSD01

Tgt Ion:	128	Resp:	337829
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.6	15.8
129	10.7	8.6	12.8

Manual Integrations
 APPROVED

Reviewed By :John Carlone 10/28/2025
 Supervised By :Semsettin Yesilyurt 10/28/2025



#96
 1,2,3-Trichlorobenzene
 Concen: 21.371 ug/l
 RT: 15.812 min Scan# 2356
 Delta R.T. 0.000 min
 Lab File: VN088106.D
 Acq: 27 Oct 2025 12:29

Tgt Ion:	180	Resp:	95974
Ion Ratio	Lower	Upper	
180	100		
182	93.0	46.8	140.3
145	37.1	17.3	52.0

