

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV070325\
 Data File : VV038858.D
 Acq On : 03 Jul 2025 13:52
 Operator : SY/MD
 Sample : MDL01
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL01

Quant Time: Jul 04 04:06:12 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V070225W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 04 04:06:04 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	4.596	168	448227	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	777387	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	714315	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	348702	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.940	65	275776	54.898	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	= 109.800%	
35) Dibromofluoromethane	4.500	113	244061	49.564	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	= 99.120%	
50) Toluene-d8	7.236	98	701101	44.007	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	= 88.020%#	
62) 4-Bromofluorobenzene	10.001	95	263847	40.992	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	= 81.980%#	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.117	85	2565	0.603	ug/l	94
3) Chloromethane	1.230	50	3954	0.757	ug/l	98
4) Vinyl Chloride	1.297	62	3902	0.804	ug/l #	78
5) Bromomethane	1.500	94	3301	1.114	ug/l	100
6) Chloroethane	1.564	64	2073	0.637	ug/l #	73
7) Trichlorofluoromethane	1.728	101	5367	0.625	ug/l	98
8) Diethyl Ether	1.921	74	1935	0.647	ug/l	80
9) 1,1,2-Trichlorotrifluo...	2.082	101	3519	0.725	ug/l	98
10) Methyl Iodide	2.198	142	2400	0.389	ug/l	93
11) Tert butyl alcohol	2.568	59	724	1.104	ug/l #	73
12) 1,1-Dichloroethene	2.085	96	3666	0.794	ug/l	92
13) Acrolein	2.018	56	629	3.842	ug/l	94
14) Allyl chloride	2.365	41	4043	0.651	ug/l #	84
15) Acrylonitrile	2.722	53	6328	2.759	ug/l #	47
16) Acetone	2.127	43	6333	3.783	ug/l	91
17) Carbon Disulfide	2.252	76	8712	0.815	ug/l	96
18) Methyl Acetate	2.404	43	1267	0.222	ug/l	98
19) Methyl tert-butyl Ether	2.715	73	7872	0.552	ug/l	99
20) Methylene Chloride	2.461	84	4557	0.824	ug/l #	84
21) trans-1,2-Dichloroethene	2.715	96	3072	0.665	ug/l #	61
22) Diisopropyl ether	3.217	45	6796	0.534	ug/l #	19
23) Vinyl Acetate	3.252	43	10636	1.159	ug/l #	80
24) 1,1-Dichloroethane	3.127	63	6185	0.721	ug/l	93
25) 2-Butanone	3.841	43	131	0.053	ug/l #	45
26) 2,2-Dichloropropane	3.815	77	2322	0.292	ug/l #	65
27) cis-1,2-Dichloroethene	3.847	96	2909	0.541	ug/l	94
28) Bromochloromethane	4.146	49	288	0.079	ug/l #	5
29) Tetrahydrofuran	4.227	42	157	0.094	ug/l #	12
30) Chloroform	4.291	83	4811	0.515	ug/l	86
31) Cyclohexane	4.593	56	12937	1.904	ug/l #	34
32) 1,1,1-Trichloroethane	4.510	97	5627	0.649	ug/l #	50
36) 1,1-Dichloropropene	4.773	75	2893	0.484	ug/l #	56
37) Ethyl Acetate	3.989	43	930	0.153	ug/l #	65
38) Carbon Tetrachloride	4.735	117	3206	0.408	ug/l #	96
39) Methylcyclohexane	6.040	83	2261	0.289	ug/l #	87
40) Benzene	5.024	78	4530	0.230	ug/l	97

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.156	41	143	0.055	ug/l #	13
42) 1,2-Dichloroethane	5.059	62	5217	0.747	ug/l	81
43) Isopropyl Acetate	5.185	43	153	0.016	ug/l #	58
44) Trichloroethene	5.850	130	2363	0.459	ug/l	88
45) 1,2-Dichloropropane	6.117	63	2590	0.523	ug/l	96
46) Dibromomethane	6.252	93	1260	0.322	ug/l #	57
47) Bromodichloromethane	6.442	83	4383	0.530	ug/l	93
48) Methyl methacrylate	6.371	41	220	0.048	ug/l #	30
49) 1,4-Dioxane	6.265	88	45	0.702	ug/l #	1
51) 4-Methyl-2-Pentanone	7.162	43	12474	2.032	ug/l	97
52) Toluene	7.329	92	7198	0.584	ug/l	97
53) t-1,3-Dichloropropene	7.612	75	3052	0.385	ug/l	94
54) cis-1,3-Dichloropropene	6.979	75	2024	0.250	ug/l #	86
55) 1,1,2-Trichloroethane	7.783	97	3513	0.652	ug/l #	86
56) Ethyl methacrylate	7.773	69	1446	0.204	ug/l	96
57) 1,3-Dichloropropane	7.956	76	4449	0.524	ug/l #	65
58) 2-Chloroethyl Vinyl ether	6.857	63	4967	1.542	ug/l	100
59) 2-Hexanone	8.291	43	874	0.202	ug/l	63
60) Dibromochloromethane	8.178	129	4006	0.590	ug/l	94
61) 1,2-Dibromoethane	8.294	107	2738	0.491	ug/l	97
64) Tetrachloroethene	7.908	164	3127	0.681	ug/l #	82
65) Chlorobenzene	8.808	112	9247	0.614	ug/l #	84
66) 1,1,1,2-Tetrachloroethane	8.905	131	3179	0.566	ug/l #	65
67) Ethyl Benzene	8.953	91	11979	0.508	ug/l	90
68) m/p-Xylenes	9.079	106	7845	0.868	ug/l	88
69) o-Xylene	9.484	106	4064	0.471	ug/l	87
70) Styrene	9.513	104	4249	0.282	ug/l	92
71) Bromoform	9.670	173	2750	0.602	ug/l #	91
73) Isopropylbenzene	9.863	105	10694	0.523	ug/l	96
74) N-amyl acetate	9.763	43	923	0.129	ug/l #	80
75) 1,1,2,2-Tetrachloroethane	10.175	83	5065	0.683	ug/l #	90
76) 1,2,3-Trichloropropane	10.001	75	132174	24.498	ug/l #	55
77) Bromobenzene	10.159	156	3754	0.711	ug/l	97
78) n-propylbenzene	10.287	91	14777	0.607	ug/l	97
79) 2-Chlorotoluene	10.361	91	7710	0.521	ug/l	96
80) 1,3,5-Trimethylbenzene	10.477	105	8732	0.499	ug/l	95
81) trans-1,4-Dichloro-2-b...	10.001	75	132174	52.148	ug/l #	12
82) 4-Chlorotoluene	10.487	91	8443	0.495	ug/l	86
83) tert-Butylbenzene	10.792	119	10546	0.581	ug/l	98
84) 1,2,4-Trimethylbenzene	10.857	105	8454	0.493	ug/l	97
85) sec-Butylbenzene	11.017	105	11919	0.516	ug/l	100
86) p-Isopropyltoluene	11.175	119	10688	0.540	ug/l	92
87) 1,3-Dichlorobenzene	11.123	146	6866	0.640	ug/l	96
88) 1,4-Dichlorobenzene	11.123	146	6866	0.607	ug/l	95
89) n-Butylbenzene	11.590	91	8711	0.474	ug/l	95
90) Hexachloroethane	11.824	117	2810	0.654	ug/l	96
91) 1,2-Dichlorobenzene	11.583	146	6107	0.604	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.365	75	521	0.332	ug/l #	46
93) 1,2,4-Trichlorobenzene	13.201	180	3644	0.556	ug/l	90
94) Hexachlorobutadiene	13.368	225	1997	0.631	ug/l	86
95) Naphthalene	13.448	128	8484	0.407	ug/l #	86
96) 1,2,3-Trichlorobenzene	13.676	180	3714	0.549	ug/l	90

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ALS Vial : 9 Sample Multiplier: 1

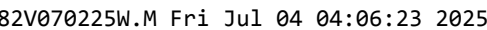
Instrument :
MSVOA_V
ClientSampleId :
MDL01

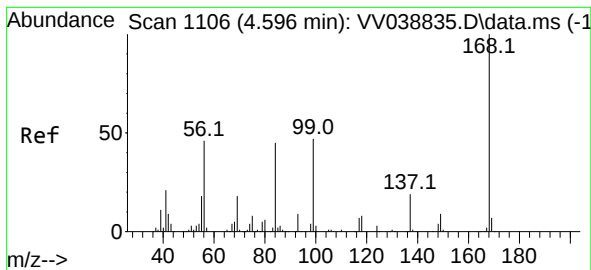
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Quant Title : SW846 8260
QLast Update : Fri Jul 04 04:06:04 2025
Response via : Initial Calibration

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

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Response via : Initial Calibration

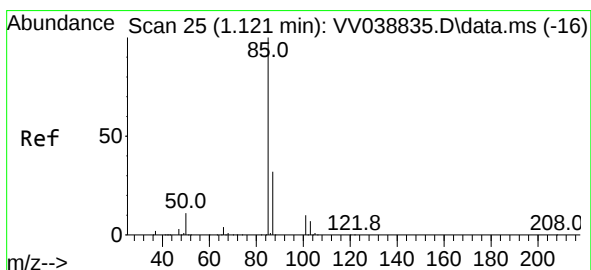
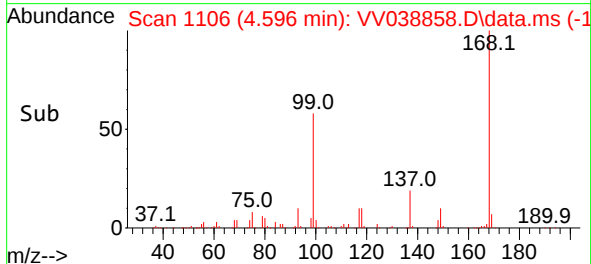
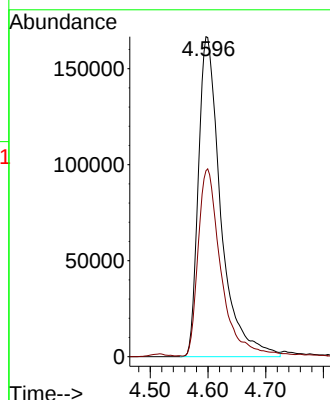
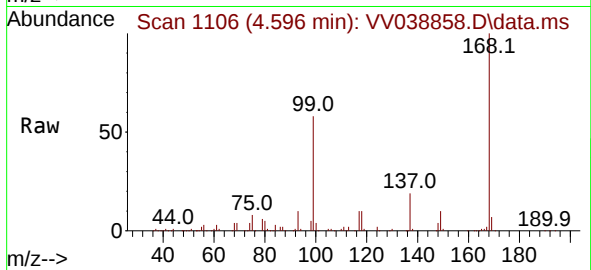




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.596 min Scan# 11
Delta R.T. 0.000 min
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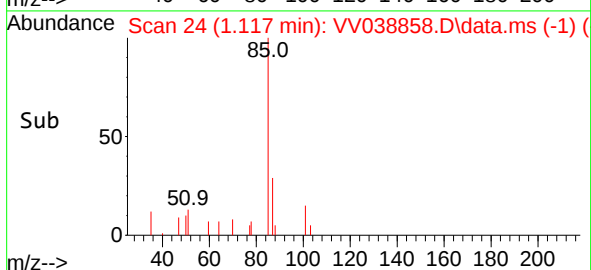
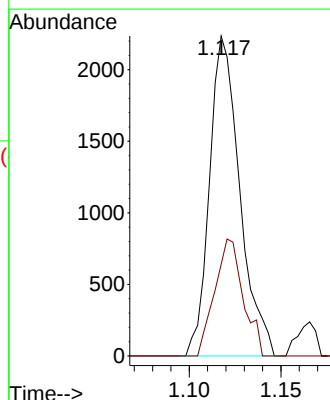
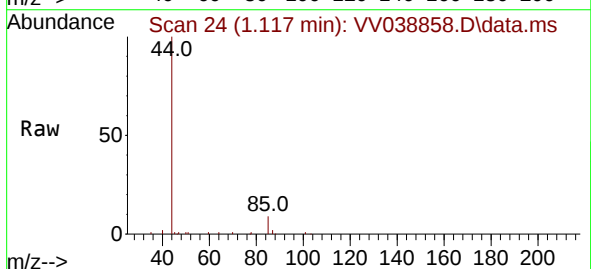
Instrument :
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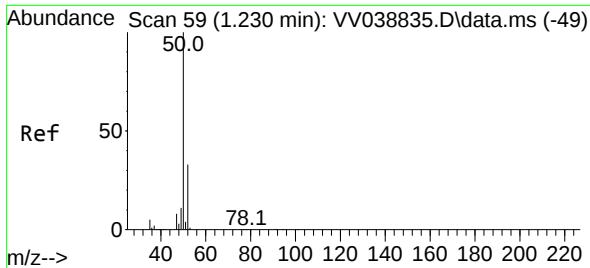
Tgt Ion:168 Resp: 448227
Ion Ratio Lower Upper
168 100
99 57.8 48.6 73.0



#2
Dichlorodifluoromethane
Concen: 0.603 ug/l
RT: 1.117 min Scan# 24
Delta R.T. -0.003 min
Lab File: VV038858.D
Acq: 03 Jul 2025 13:52

Tgt Ion: 85 Resp: 2565
Ion Ratio Lower Upper
85 100
87 28.7 16.1 48.3

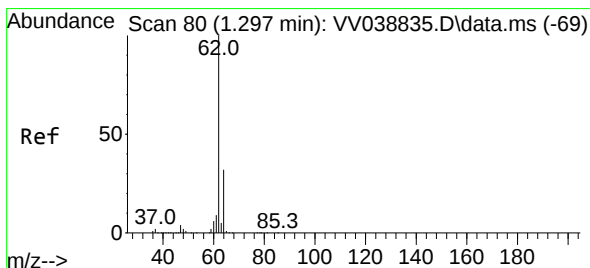
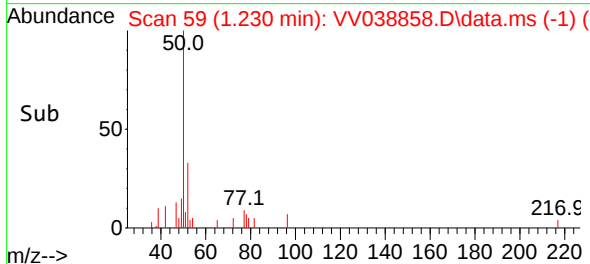
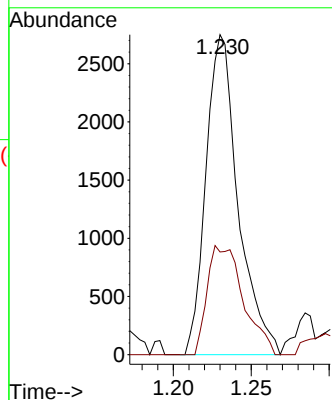
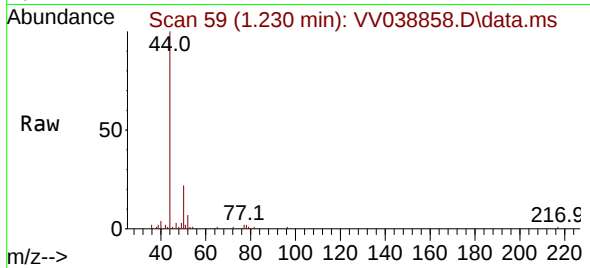




#3
Chloromethane
Concen: 0.757 ug/l
RT: 1.230 min Scan# 59
Delta R.T. -0.000 min
Lab File: VV038858.D
Acq: 03 Jul 2025 13:52

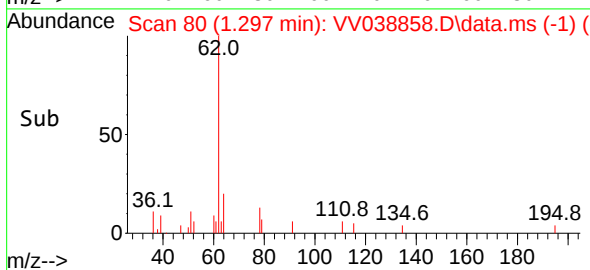
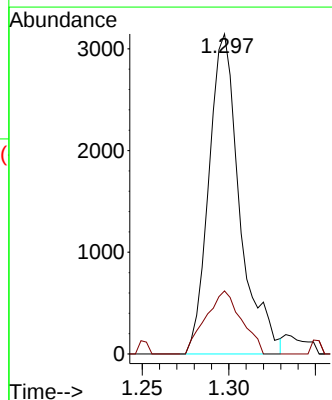
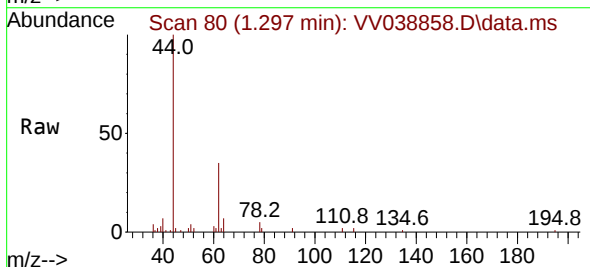
Instrument :
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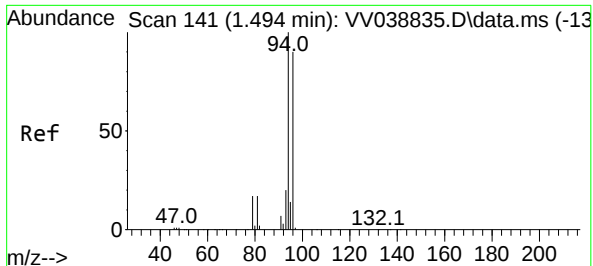
Tgt Ion: 50 Resp: 3954
Ion Ratio Lower Upper
50 100
52 32.1 26.7 40.1



#4
Vinyl Chloride
Concen: 0.804 ug/l
RT: 1.297 min Scan# 80
Delta R.T. -0.000 min
Lab File: VV038858.D
Acq: 03 Jul 2025 13:52

Tgt Ion: 62 Resp: 3902
Ion Ratio Lower Upper
62 100
64 19.7 25.5 38.3#

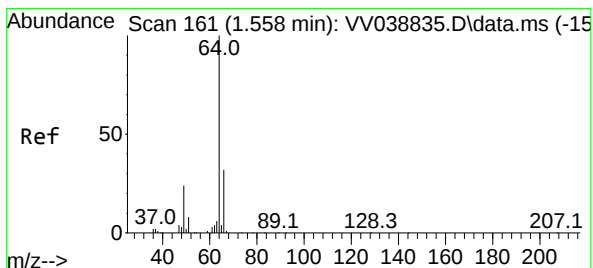
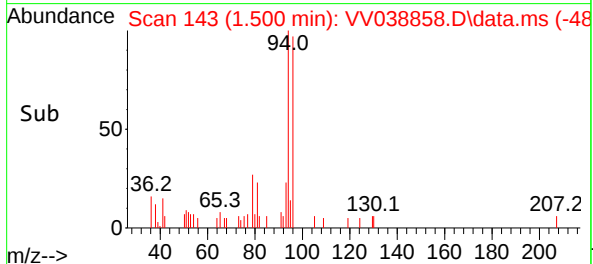
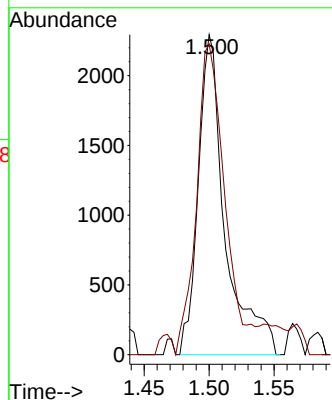
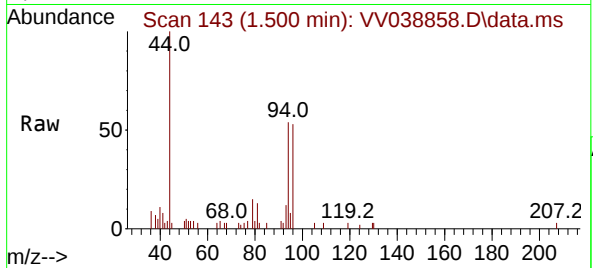




#5
Bromomethane
Concen: 1.114 ug/l
RT: 1.500 min Scan# 141
Delta R.T. 0.006 min
Lab File: VV038858.D
Acq: 03 Jul 2025 13:52

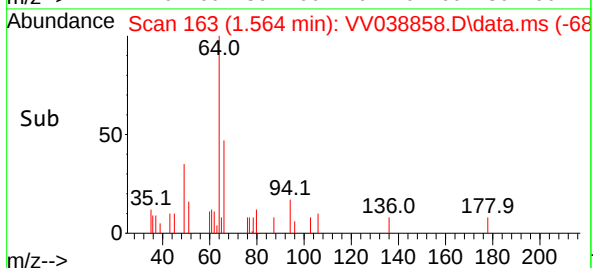
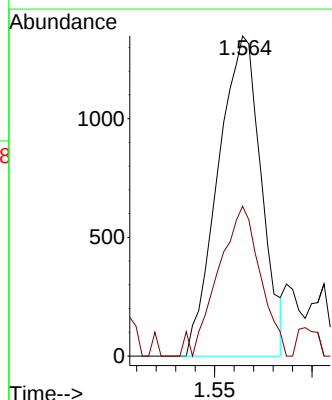
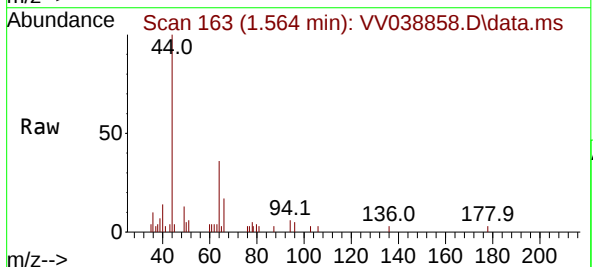
Instrument :
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Tgt Ion: 94 Resp: 3301
Ion Ratio Lower Upper
94 100
96 89.9 72.2 108.4



#6
Chloroethane
Concen: 0.637 ug/l
RT: 1.564 min Scan# 163
Delta R.T. 0.006 min
Lab File: VV038858.D
Acq: 03 Jul 2025 13:52

Tgt Ion: 64 Resp: 2073
Ion Ratio Lower Upper
64 100
66 46.8 25.4 38.0#

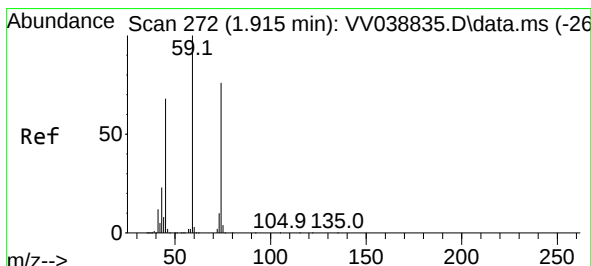
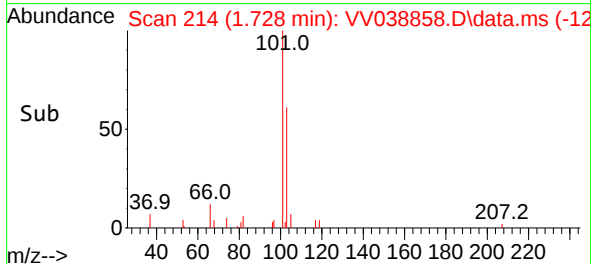
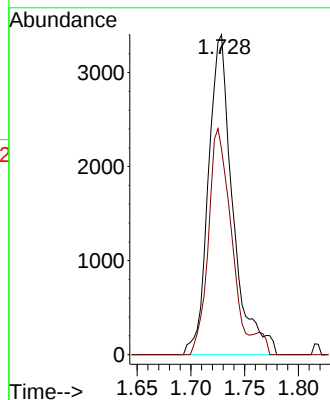
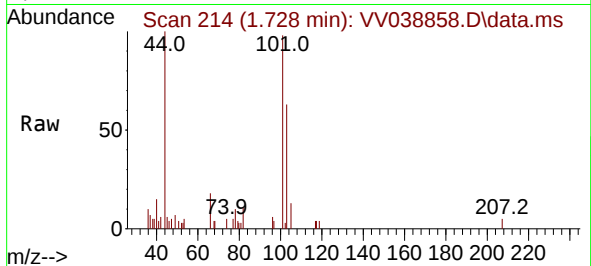




#7
 Trichlorofluoromethane
 Concen: 0.625 ug/l
 RT: 1.728 min Scan# 213
 Delta R.T. 0.003 min
 Lab File: VV038858.D
 Acq: 03 Jul 2025 13:52

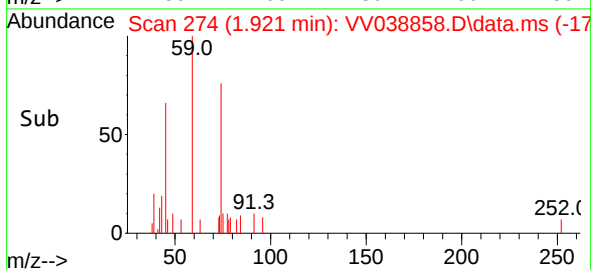
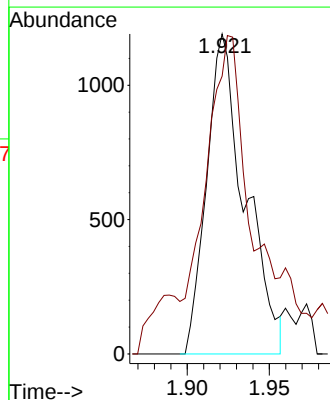
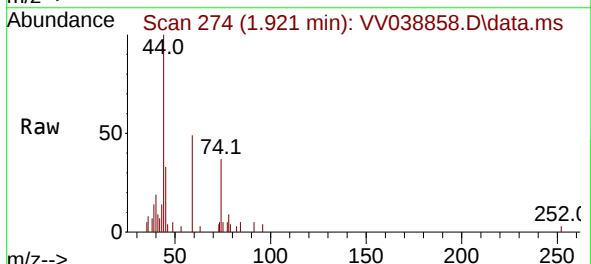
Instrument :
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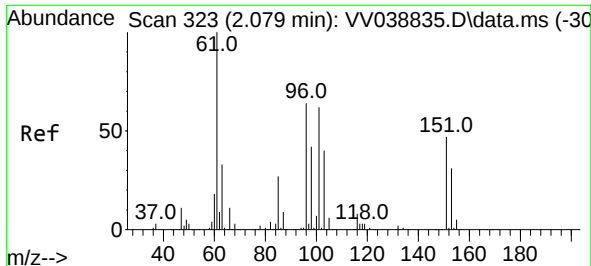
Tgt Ion:101 Resp: 5367
 Ion Ratio Lower Upper
 101 100
 103 64.3 52.8 79.2



#8
 Diethyl Ether
 Concen: 0.647 ug/l
 RT: 1.921 min Scan# 274
 Delta R.T. 0.006 min
 Lab File: VV038858.D
 Acq: 03 Jul 2025 13:52

Tgt Ion: 74 Resp: 1935
 Ion Ratio Lower Upper
 74 100
 45 106.0 43.9 131.7

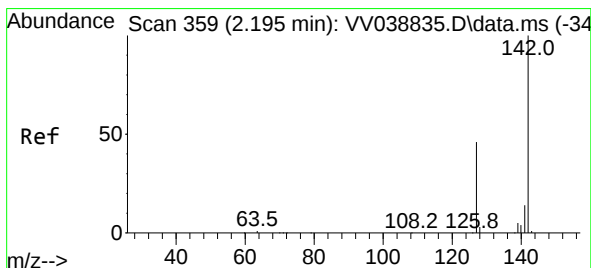
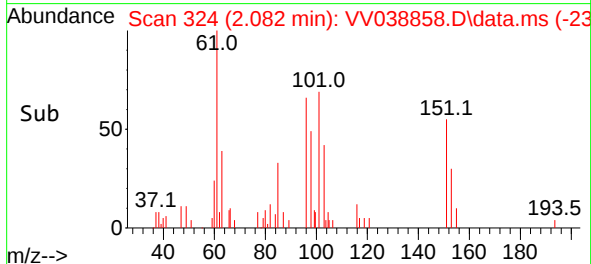
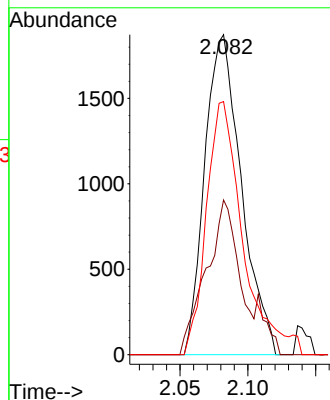
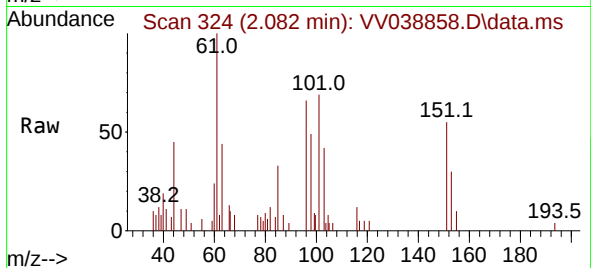




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.725 ug/l
RT: 2.082 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV038858.D
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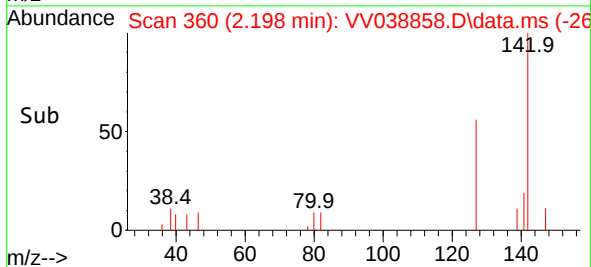
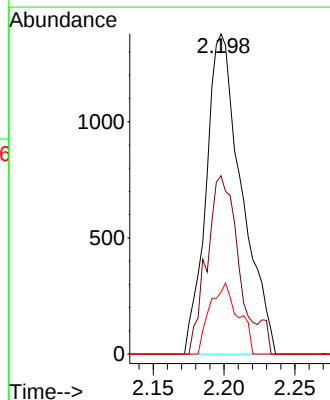
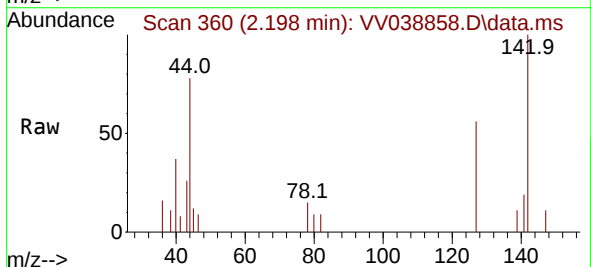
Instrument :
MSVOA_V
ClientSampleId :
MDL01

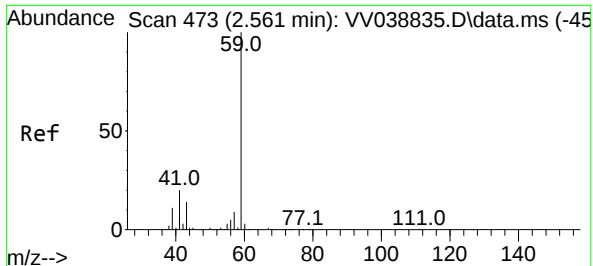
Tgt Ion:101 Resp: 3519
Ion Ratio Lower Upper
101 100
85 43.4 34.6 52.0
151 78.7 60.4 90.6



#10
Methyl Iodide
Concen: 0.389 ug/l
RT: 2.198 min Scan# 360
Delta R.T. 0.003 min
Lab File: VV038858.D
Acq: 03 Jul 2025 13:52

Tgt Ion:142 Resp: 2400
Ion Ratio Lower Upper
142 100
127 51.2 36.9 55.3
141 17.7 11.8 17.8

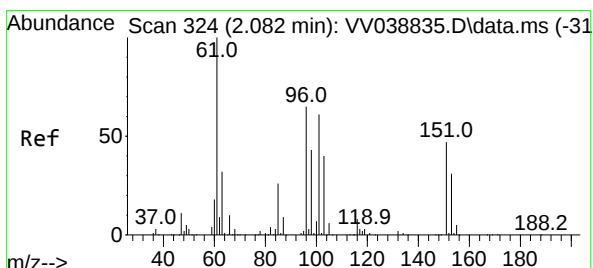
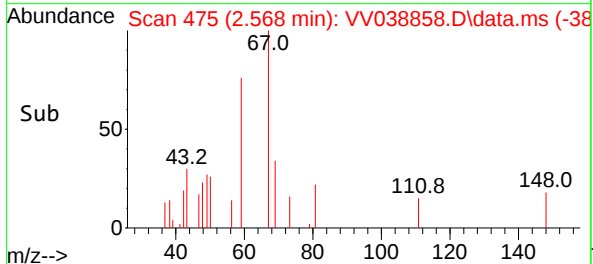
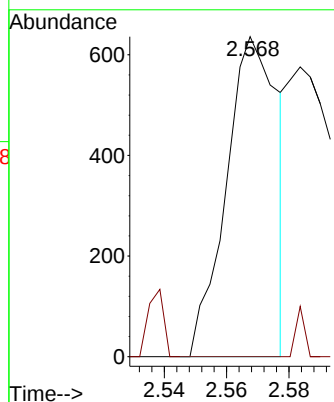
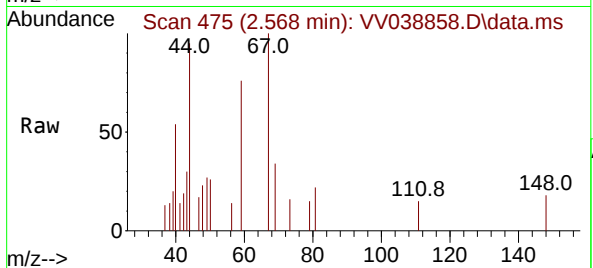




#11
Tert butyl alcohol
Concen: 1.104 ug/l
RT: 2.568 min Scan# 411
Delta R.T. 0.006 min
Lab File: VV038858.D
Acq: 03 Jul 2025 13:52

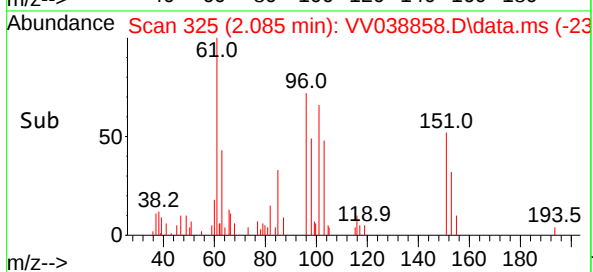
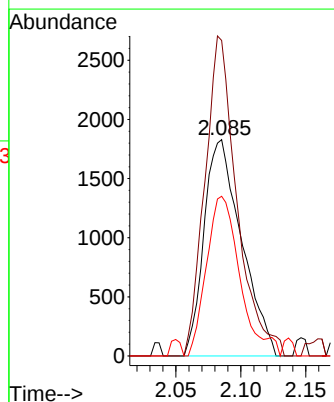
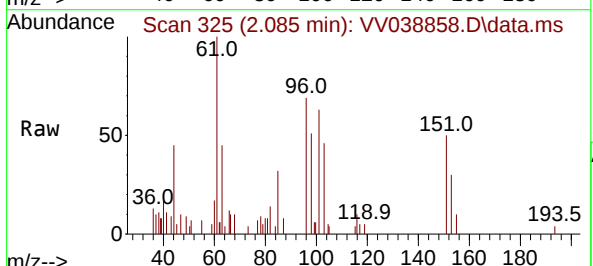
Instrument :
MSVOA_V
ClientSampleId :
MDL01

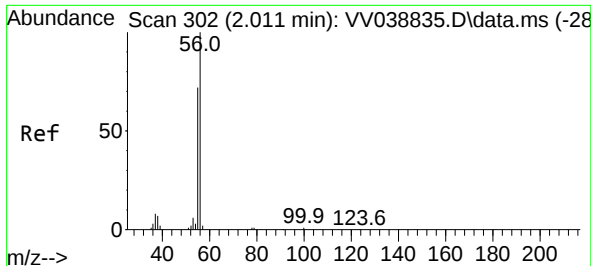
Tgt Ion: 59 Resp: 724
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#



#12
1,1-Dichloroethene
Concen: 0.794 ug/l
RT: 2.085 min Scan# 325
Delta R.T. 0.003 min
Lab File: VV038858.D
Acq: 03 Jul 2025 13:52

Tgt Ion: 96 Resp: 3666
Ion Ratio Lower Upper
96 100
61 145.9 123.5 185.3
98 73.9 52.5 78.7

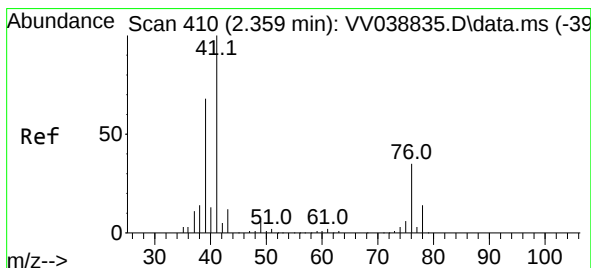
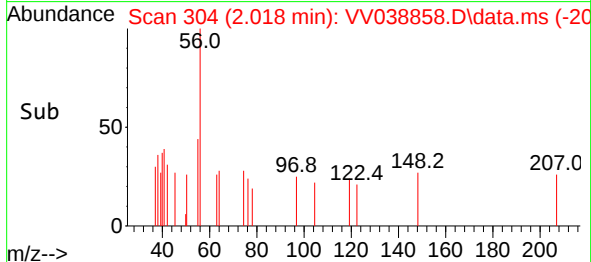
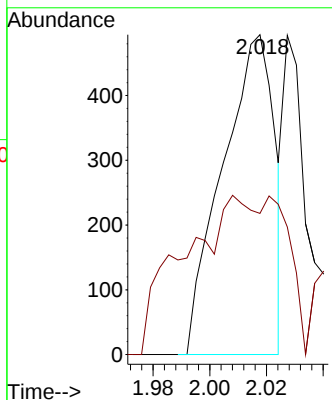
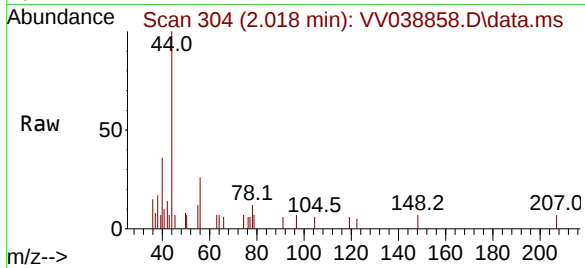




#13
Acrolein
Concen: 3.842 ug/l
RT: 2.018 min Scan# 302
Delta R.T. 0.006 min
Lab File: VV038858.D
Acq: 03 Jul 2025 13:52

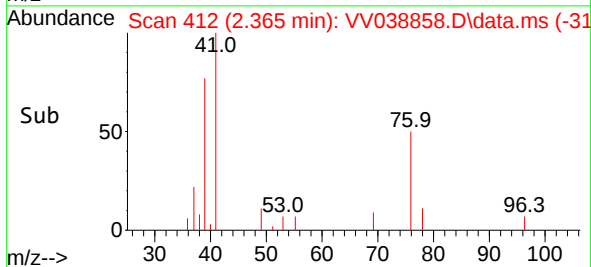
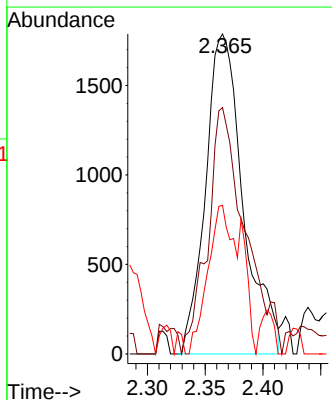
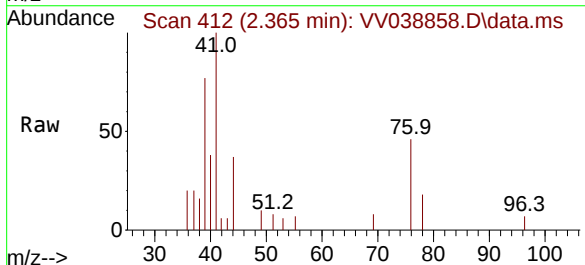
Instrument :
MSVOA_V
ClientSampleId :
MDL01

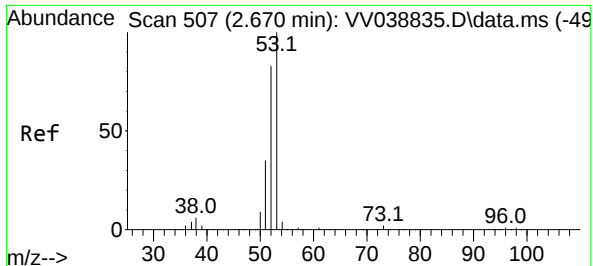
Tgt Ion: 56 Resp: 629
Ion Ratio Lower Upper
56 100
55 71.9 53.4 80.2



#14
Allyl chloride
Concen: 0.651 ug/l
RT: 2.365 min Scan# 412
Delta R.T. 0.006 min
Lab File: VV038858.D
Acq: 03 Jul 2025 13:52

Tgt Ion: 41 Resp: 4043
Ion Ratio Lower Upper
41 100
39 76.6 51.0 76.4#
76 32.0 33.6 50.4#

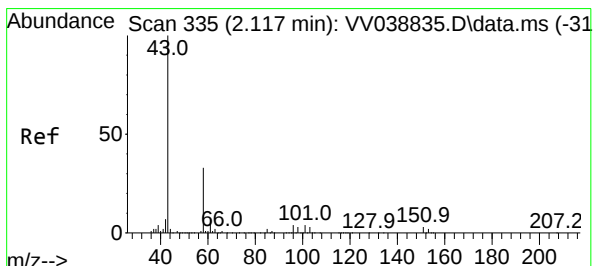
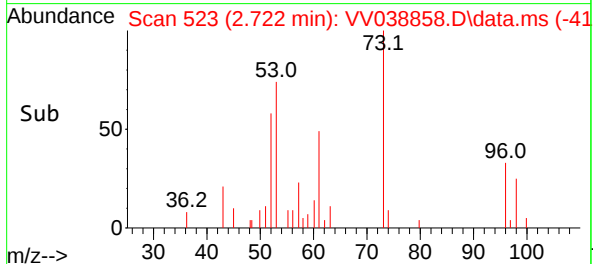
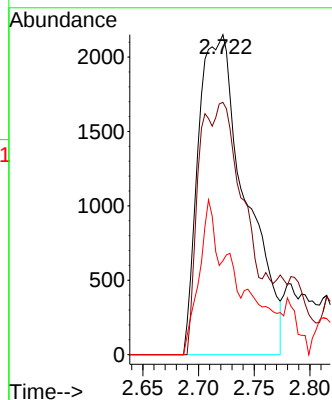
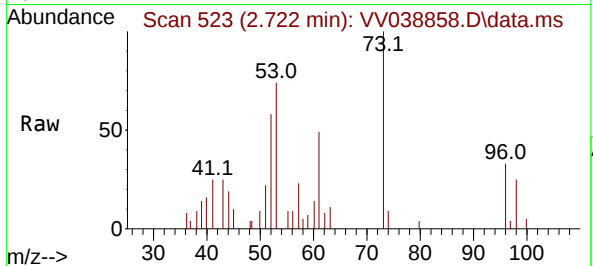




#15
Acrylonitrile
Concen: 2.759 ug/l
RT: 2.722 min Scan# 51
Delta R.T. 0.051 min
Lab File: VV038858.D
Acq: 03 Jul 2025 13:52

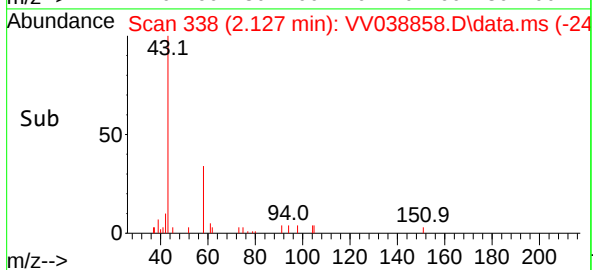
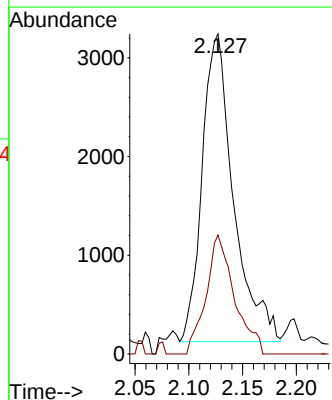
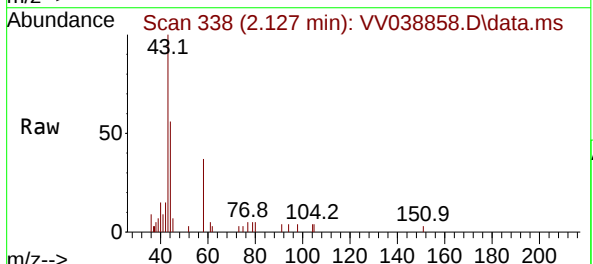
Instrument :
MSVOA_V
ClientSampleId :
MDL01

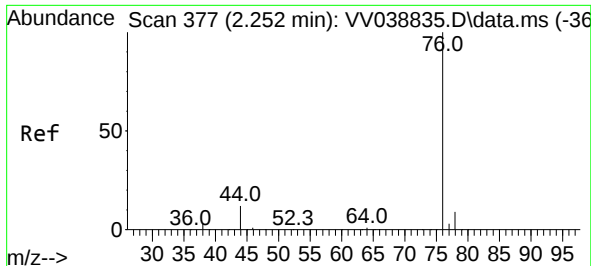
Tgt Ion: 53 Resp: 6328
Ion Ratio Lower Upper
53 100
52 25.8 65.8 98.6#
51 18.1 28.5 42.7#



#16
Acetone
Concen: 3.783 ug/l
RT: 2.127 min Scan# 338
Delta R.T. 0.010 min
Lab File: VV038858.D
Acq: 03 Jul 2025 13:52

Tgt Ion: 43 Resp: 6333
Ion Ratio Lower Upper
43 100
58 38.7 27.0 40.4

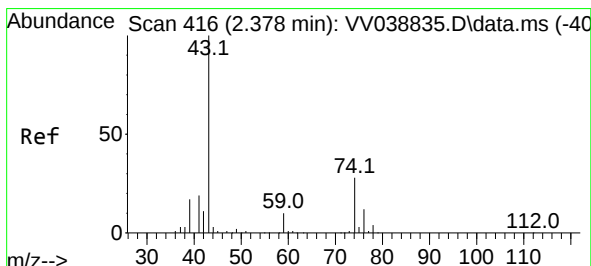
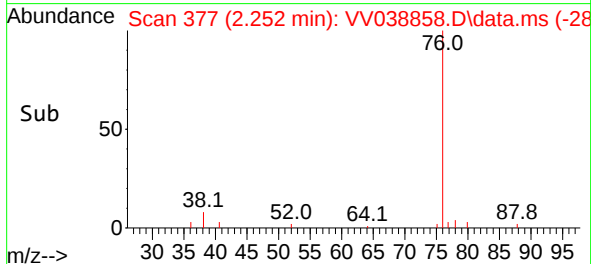
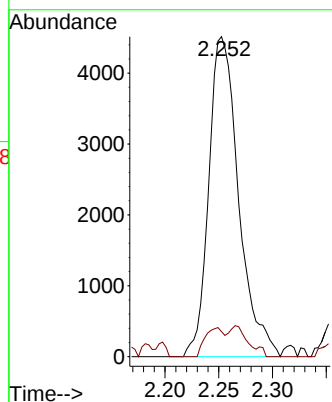
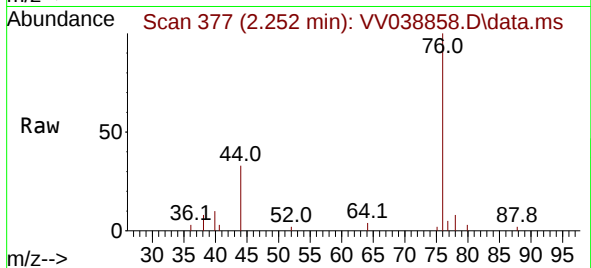




#17
Carbon Disulfide
Concen: 0.815 ug/l
RT: 2.252 min Scan# 317
Delta R.T. -0.000 min
Lab File: VV038858.D
Acq: 03 Jul 2025 13:52

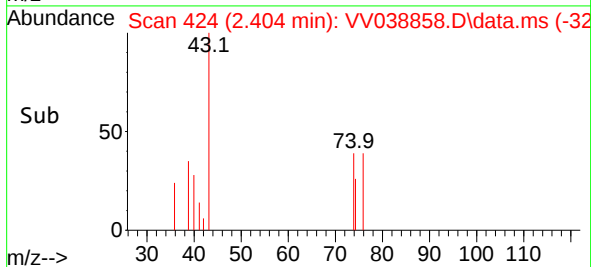
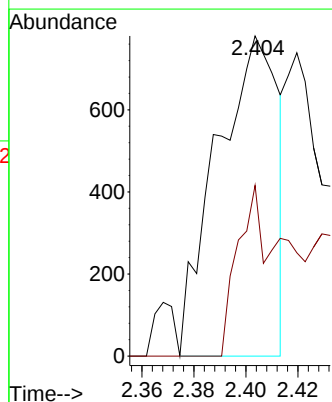
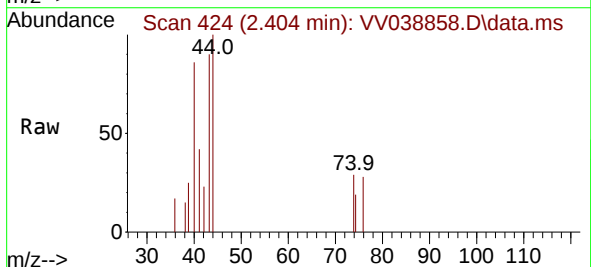
Instrument :
MSVOA_V
ClientSampleId :
MDL01

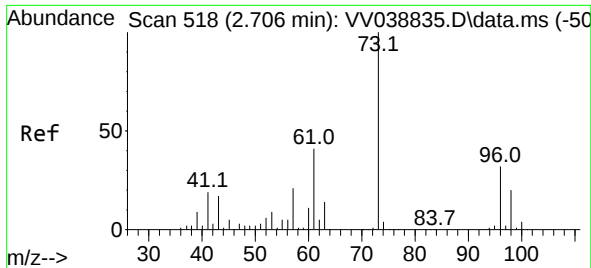
Tgt Ion: 76 Resp: 8712
Ion Ratio Lower Upper
76 100
78 7.9 7.5 11.3



#18
Methyl Acetate
Concen: 0.222 ug/l
RT: 2.404 min Scan# 424
Delta R.T. 0.026 min
Lab File: VV038858.D
Acq: 03 Jul 2025 13:52

Tgt Ion: 43 Resp: 1267
Ion Ratio Lower Upper
43 100
74 25.7 21.4 32.0

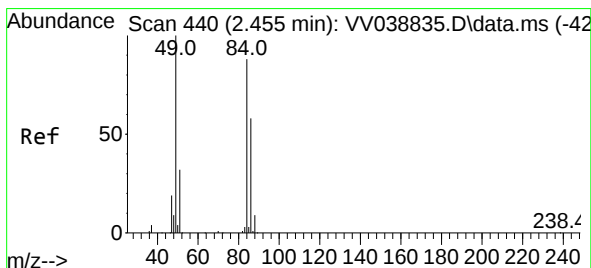
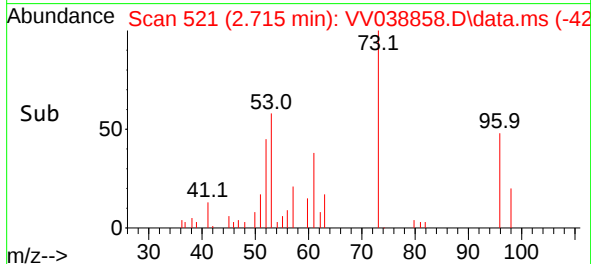
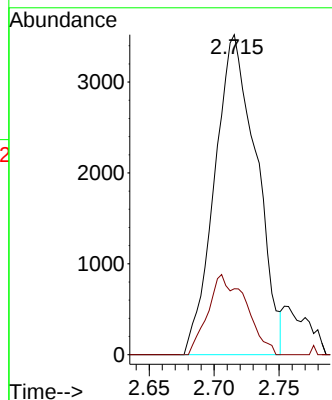
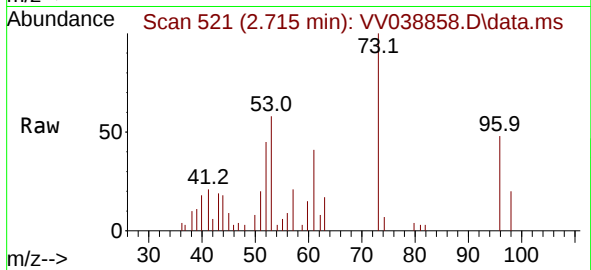




#19
Methyl tert-butyl Ether
Concen: 0.552 ug/l
RT: 2.715 min Scan# 518
Delta R.T. 0.010 min
Lab File: VV038858.D
Acq: 03 Jul 2025 13:52

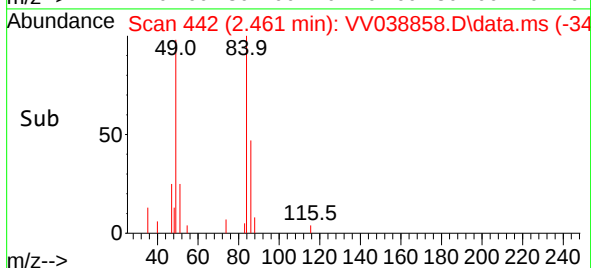
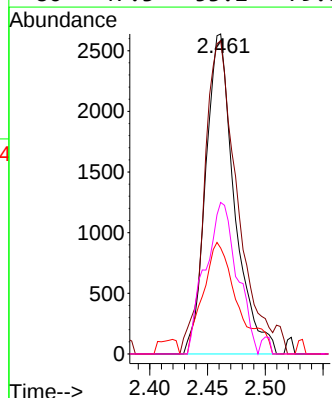
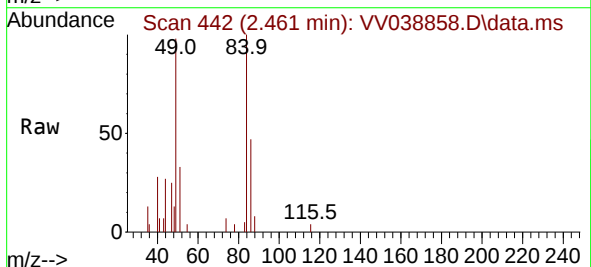
Instrument :
MSVOA_V
ClientSampleId :
MDL01

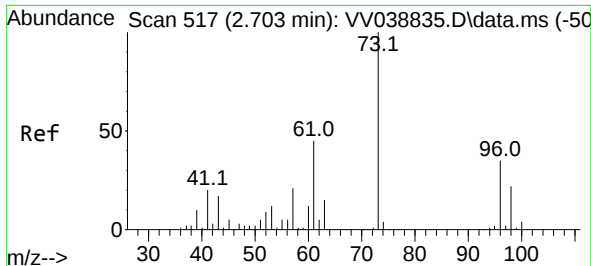
Tgt Ion: 73 Resp: 7872
Ion Ratio Lower Upper
73 100
57 20.6 17.0 25.4



#20
Methylene Chloride
Concen: 0.824 ug/l
RT: 2.461 min Scan# 442
Delta R.T. 0.006 min
Lab File: VV038858.D
Acq: 03 Jul 2025 13:52

Tgt Ion: 84 Resp: 4557
Ion Ratio Lower Upper
84 100
49 97.8 91.0 136.4
51 33.1 29.4 44.2
86 47.3 53.2 79.8#

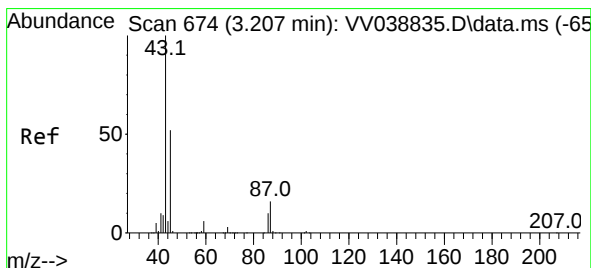
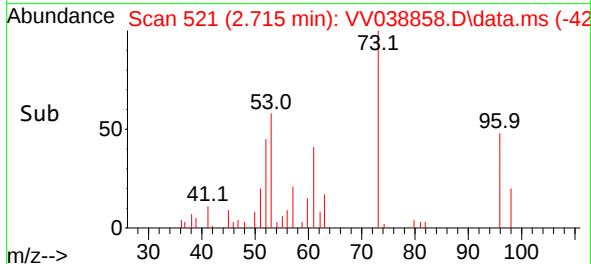
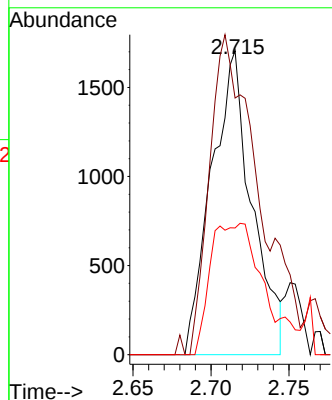
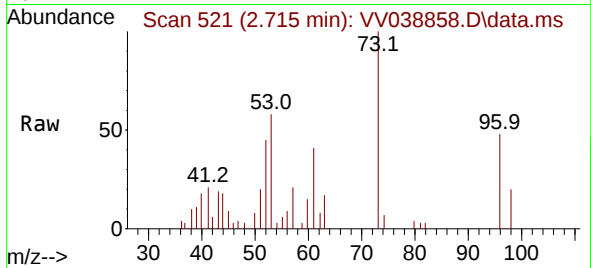




#21
trans-1,2-Dichloroethene
Concen: 0.665 ug/l
RT: 2.715 min Scan# 517
Delta R.T. 0.013 min
Lab File: VV038858.D
Acq: 03 Jul 2025 13:52

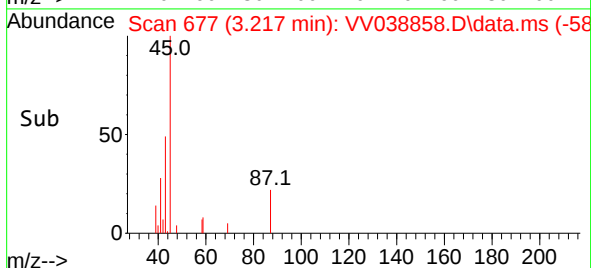
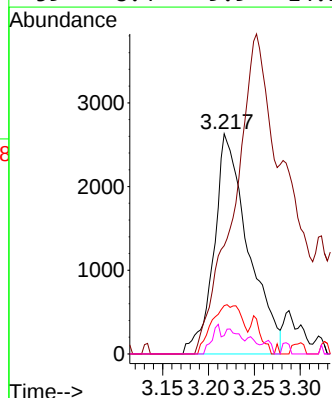
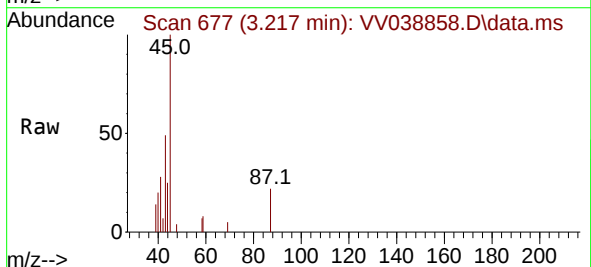
Instrument :
MSVOA_V
ClientSampleId :
MDL01

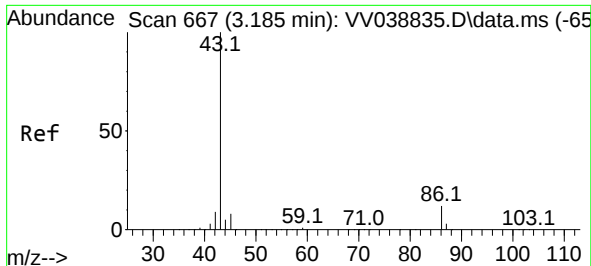
Tgt Ion: 96 Resp: 3072
Ion Ratio Lower Upper
96 100
61 78.0 102.8 154.2#
98 41.7 50.9 76.3#



#22
Diisopropyl ether
Concen: 0.534 ug/l
RT: 3.217 min Scan# 677
Delta R.T. 0.010 min
Lab File: VV038858.D
Acq: 03 Jul 2025 13:52

Tgt Ion: 45 Resp: 6796
Ion Ratio Lower Upper
45 100
43 49.1 153.1 229.7#
87 22.0 25.2 37.8#
59 8.4 9.9 14.9#





#23

Vinyl Acetate

Concen: 1.159 ug/l

RT: 3.252 min Scan# 61

Delta R.T. 0.067 min

Lab File: VV038858.D

Acq: 03 Jul 2025 13:52

Instrument :

MSVOA_V

ClientSampleId :

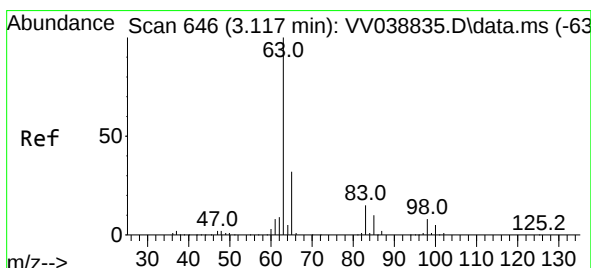
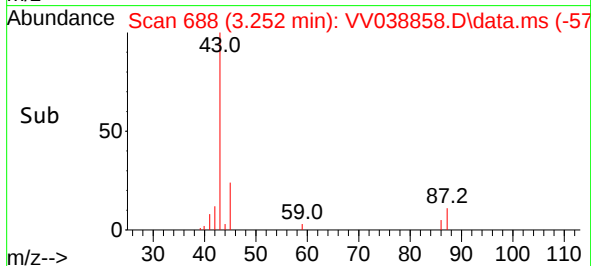
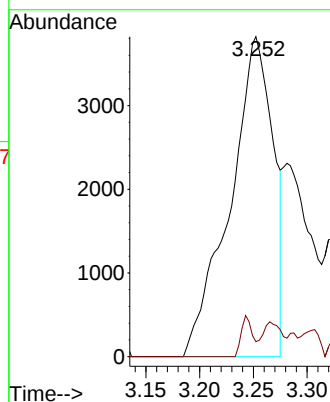
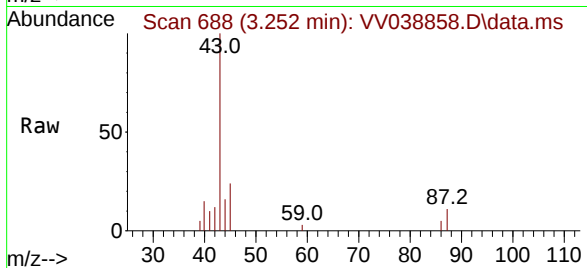
MDL01

Tgt Ion: 43 Resp: 10636

Ion Ratio Lower Upper

43 100

86 4.7 9.9 14.9#



#24

1,1-Dichloroethane

Concen: 0.721 ug/l

RT: 3.127 min Scan# 649

Delta R.T. 0.010 min

Lab File: VV038858.D

Acq: 03 Jul 2025 13:52

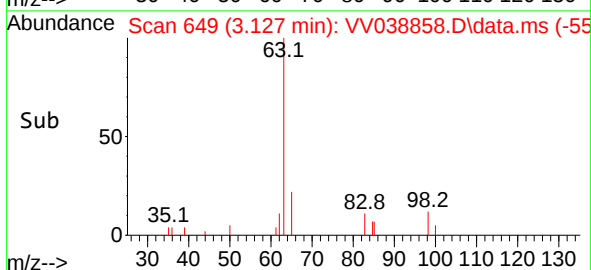
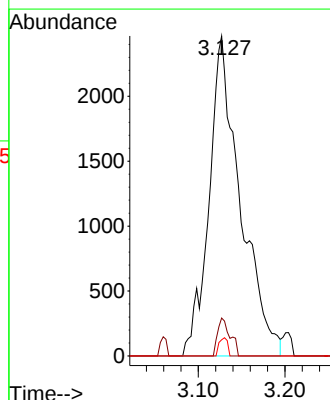
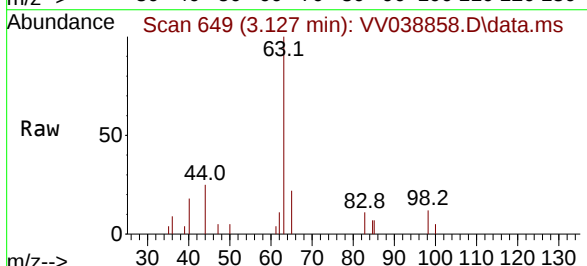
Tgt Ion: 63 Resp: 6185

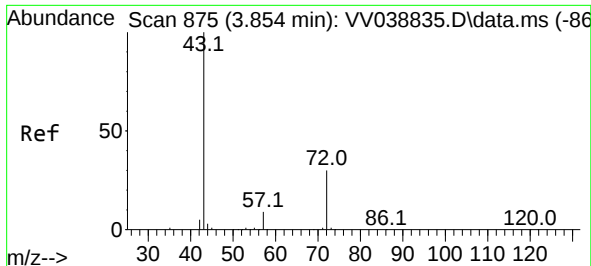
Ion Ratio Lower Upper

63 100

98 11.8 4.1 12.3

100 5.0 2.4 7.2

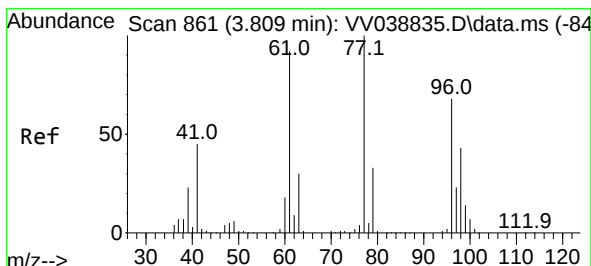
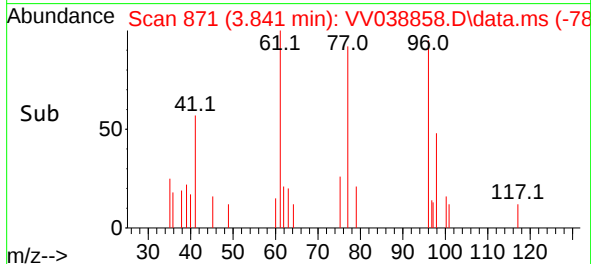
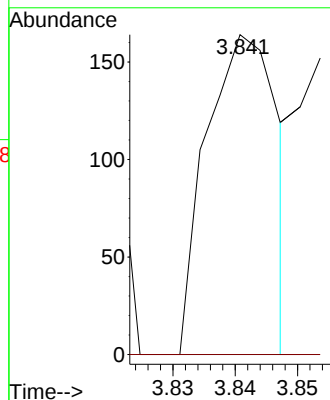
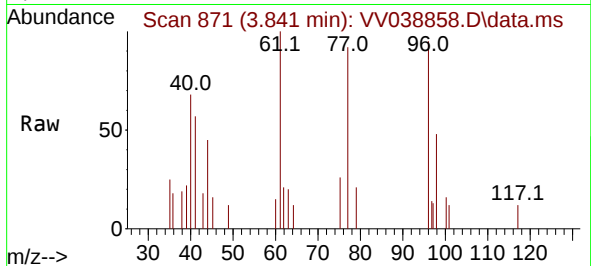




#25
2-Butanone
Concen: 0.053 ug/l
RT: 3.841 min Scan# 81
Delta R.T. -0.013 min
Lab File: VV038858.D
Acq: 03 Jul 2025 13:52

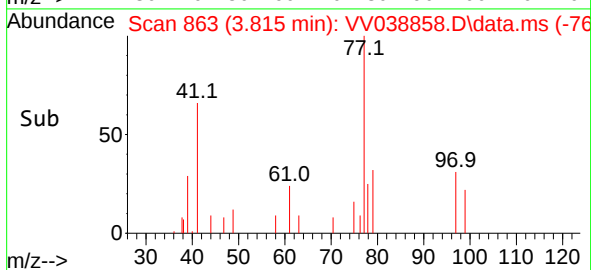
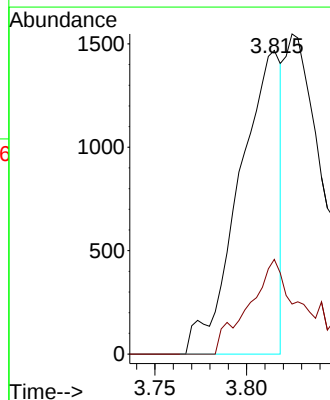
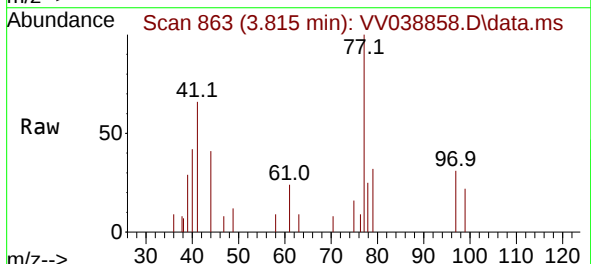
Instrument :
MSVOA_V
ClientSampleId :
MDL01

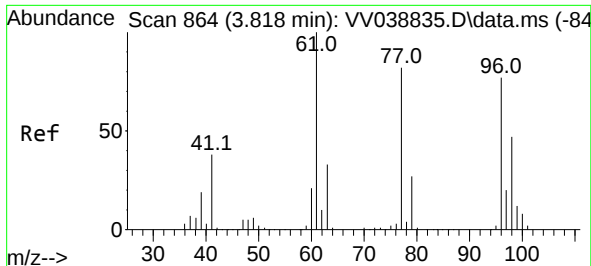
Tgt Ion: 43 Resp: 131
Ion Ratio Lower Upper
43 100
72 0.0 23.8 35.8#



#26
2,2-Dichloropropane
Concen: 0.292 ug/l
RT: 3.815 min Scan# 863
Delta R.T. 0.006 min
Lab File: VV038858.D
Acq: 03 Jul 2025 13:52

Tgt Ion: 77 Resp: 2322
Ion Ratio Lower Upper
77 100
97 39.9 11.5 34.4#

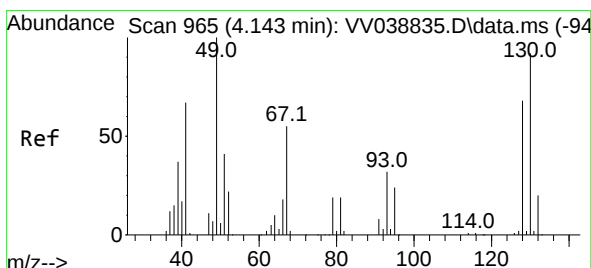
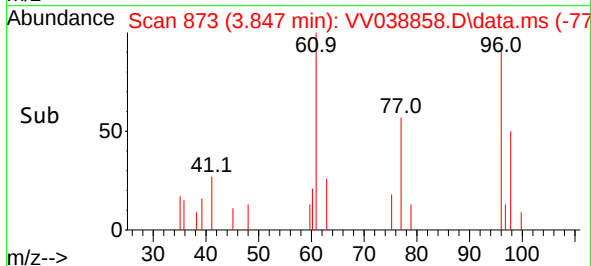
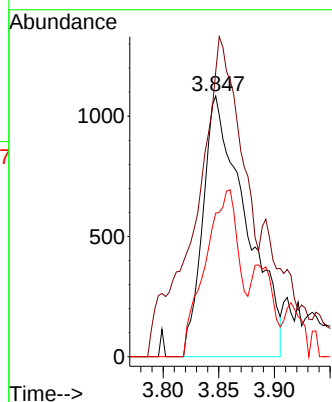
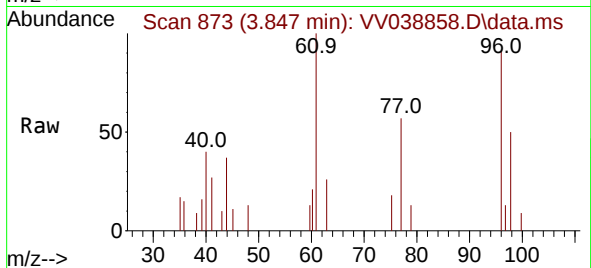




#27
 cis-1,2-Dichloroethene
 Concen: 0.541 ug/l
 RT: 3.847 min Scan# 81
 Delta R.T. 0.029 min
 Lab File: VV038858.D
 Acq: 03 Jul 2025 13:52

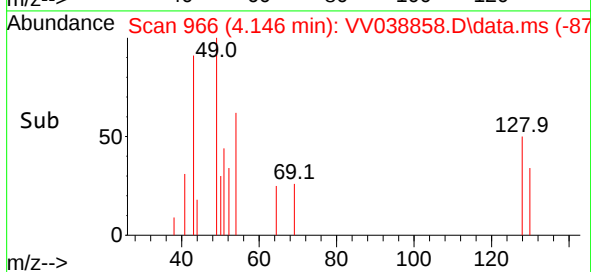
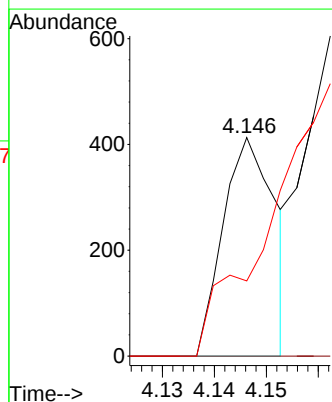
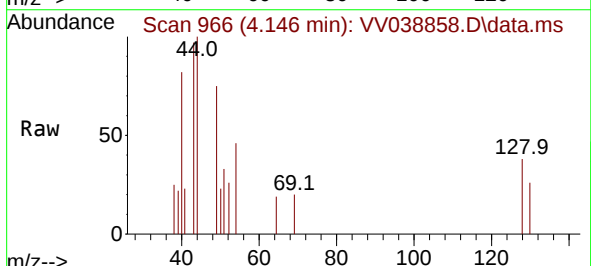
Instrument :
 MSVOA_V
 ClientSampleId :
 MDL01

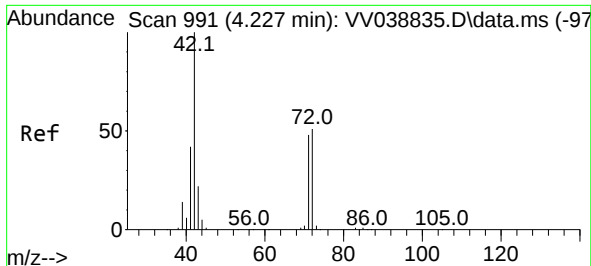
Tgt Ion: 96	Resp:	2909	
Ion	Ratio	Lower	Upper
96	100		
61	136.1	0.0	268.4
98	50.9	0.0	128.0



#28
 Bromochloromethane
 Concen: 0.079 ug/l
 RT: 4.146 min Scan# 966
 Delta R.T. 0.003 min
 Lab File: VV038858.D
 Acq: 03 Jul 2025 13:52

Tgt Ion: 49	Resp:	288	
Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	2.2
130	0.0	72.5	108.7#





#29

Tetrahydrofuran

Concen: 0.094 ug/l

RT: 4.227 min Scan# 991

Delta R.T. -0.000 min

Lab File: VV038858.D

Acq: 03 Jul 2025 13:52

Instrument :

MSVOA_V

ClientSampleId :

MDL01

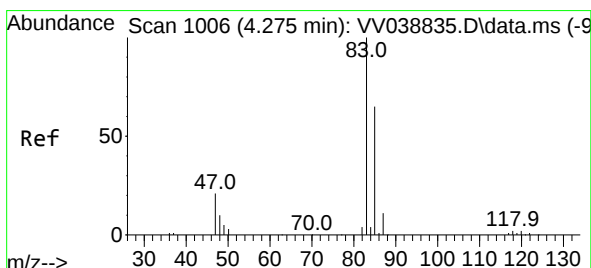
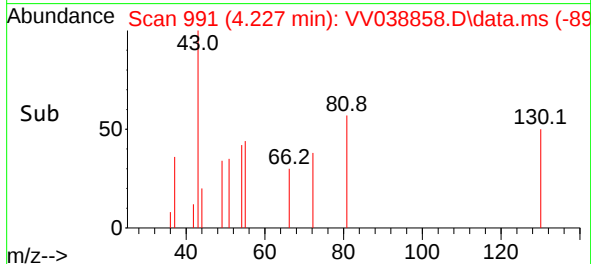
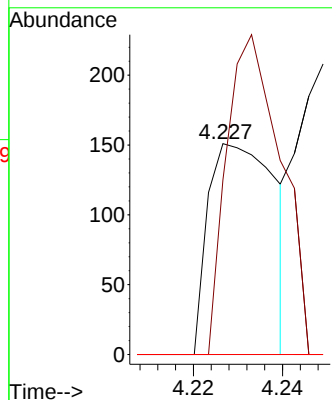
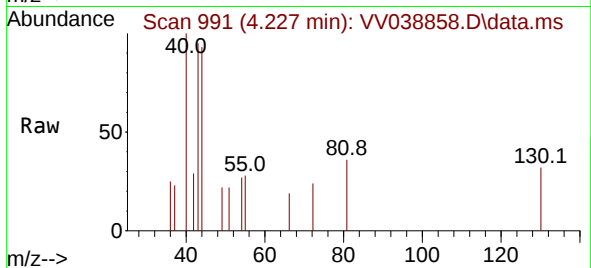
Tgt Ion: 42 Resp: 157

Ion Ratio Lower Upper

42 100

72 123.6 41.3 61.9#

71 0.0 39.2 58.8#



#30

Chloroform

Concen: 0.515 ug/l

RT: 4.291 min Scan# 1011

Delta R.T. 0.016 min

Lab File: VV038858.D

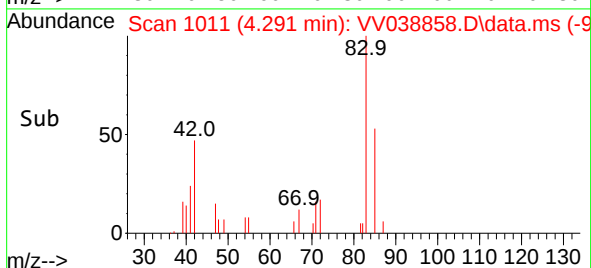
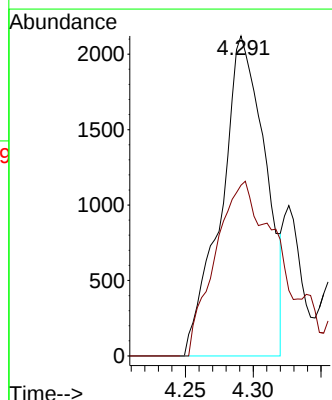
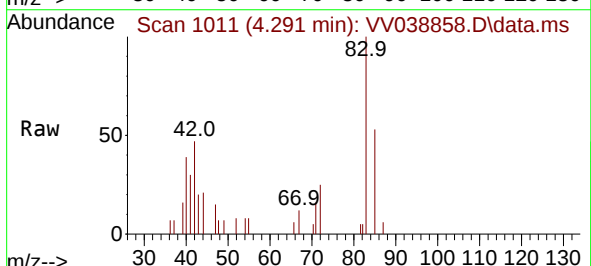
Acq: 03 Jul 2025 13:52

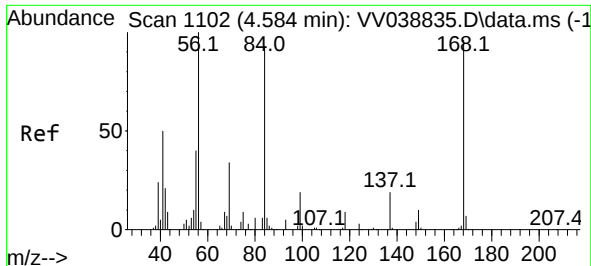
Tgt Ion: 83 Resp: 4811

Ion Ratio Lower Upper

83 100

85 53.3 51.8 77.6

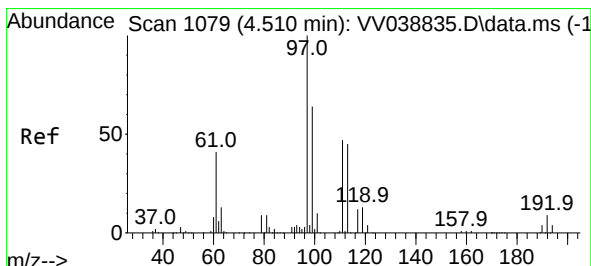
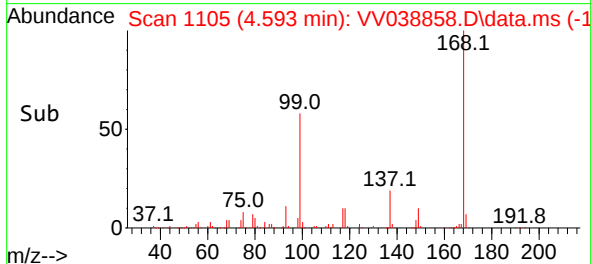
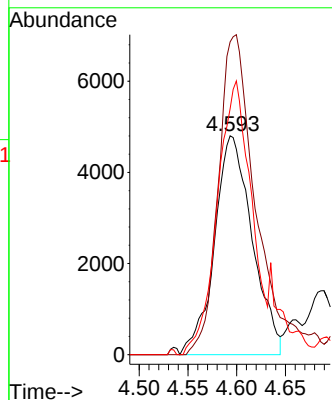
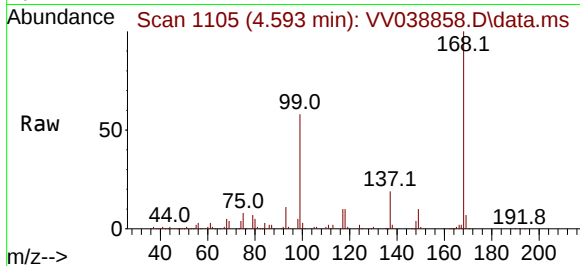




#31
Cyclohexane
Concen: 1.904 ug/l
RT: 4.593 min Scan# 1105
Delta R.T. 0.010 min
Lab File: VV038858.D
Acq: 03 Jul 2025 13:52

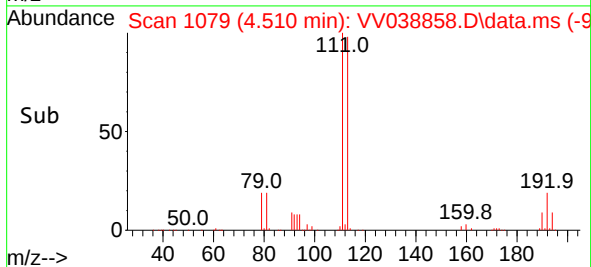
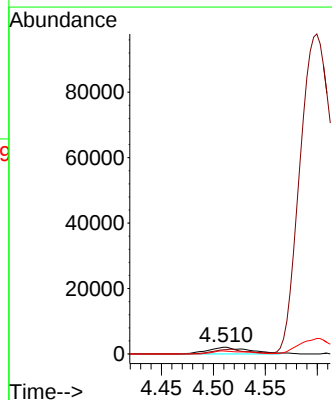
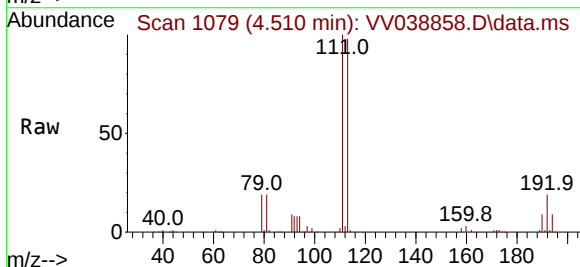
Instrument :
MSVOA_V
ClientSampleId :
MDL01

Tgt Ion: 56 Resp: 12937
Ion Ratio Lower Upper
56 100
69 142.9 27.0 40.4#
84 112.4 74.4 111.6#



#32
1,1,1-Trichloroethane
Concen: 0.649 ug/l
RT: 4.510 min Scan# 1079
Delta R.T. -0.000 min
Lab File: VV038858.D
Acq: 03 Jul 2025 13:52

Tgt Ion: 97 Resp: 5627
Ion Ratio Lower Upper
97 100
99 0.0 48.8 73.2#
61 37.2 31.8 47.8





#33

1,2-Dichloroethane-d4

Concen: 54.898 ug/l

RT: 4.940 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV038858.D

Acq: 03 Jul 2025 13:52

Instrument :

MSVOA_V

ClientSampleId :

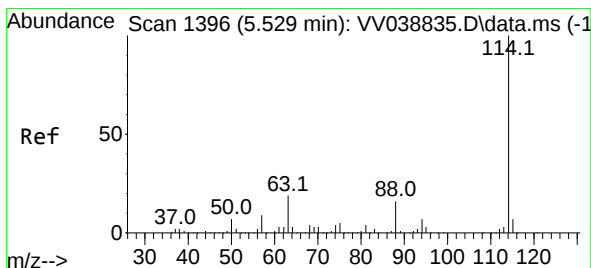
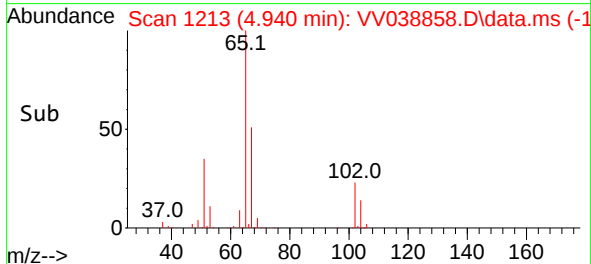
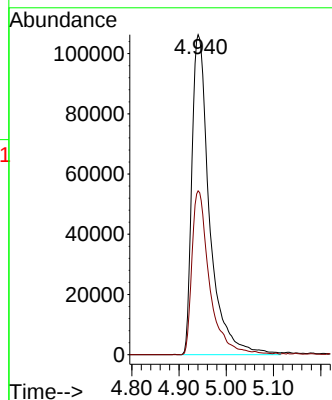
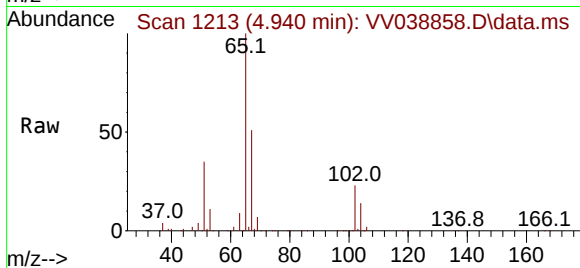
MDL01

Tgt Ion: 65 Resp: 275776

Ion Ratio Lower Upper

65 100

67 50.5 0.0 105.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.532 min Scan# 1397

Delta R.T. 0.003 min

Lab File: VV038858.D

Acq: 03 Jul 2025 13:52

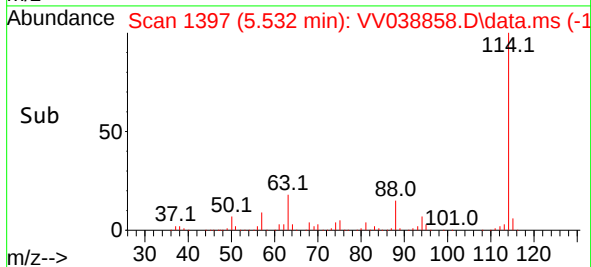
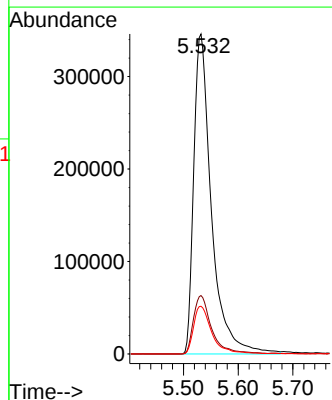
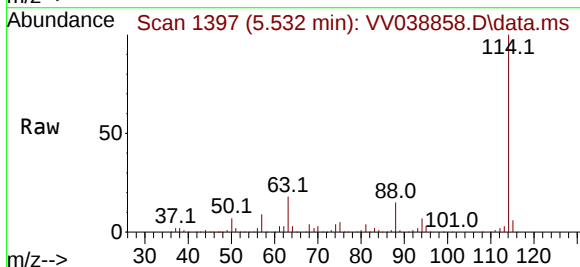
Tgt Ion: 114 Resp: 777387

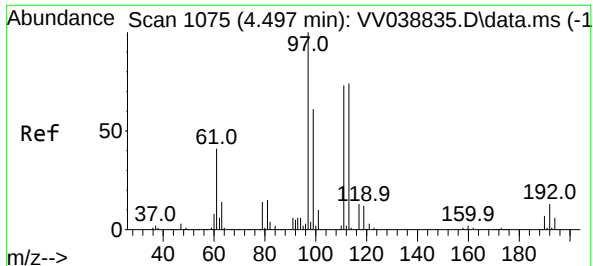
Ion Ratio Lower Upper

114 100

63 18.2 0.0 38.4

88 14.9 0.0 31.2

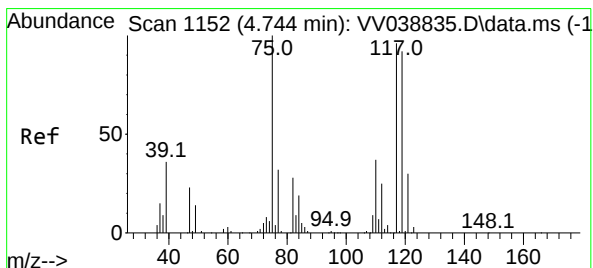
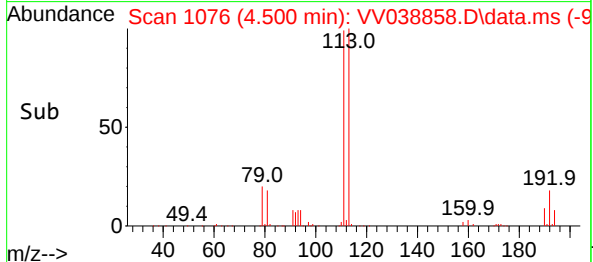
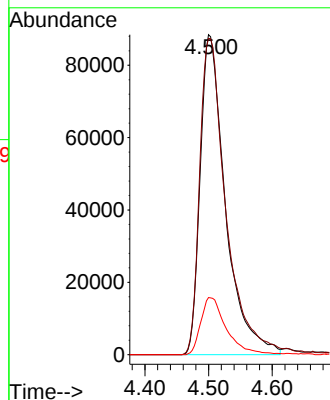
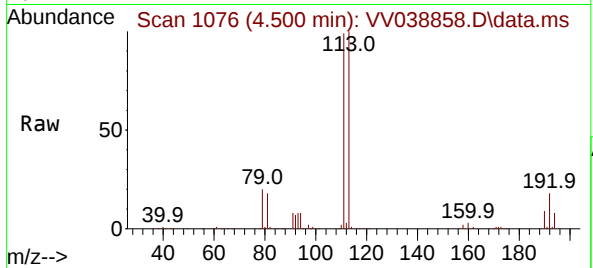




#35
Dibromofluoromethane
Concen: 49.564 ug/l
RT: 4.500 min Scan# 1106
Delta R.T. 0.003 min
Lab File: VV038858.D
Acq: 03 Jul 2025 13:52

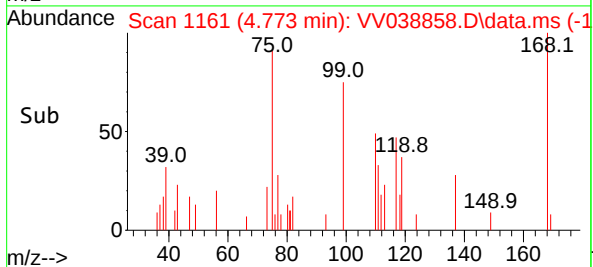
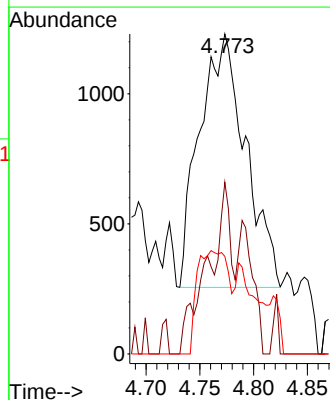
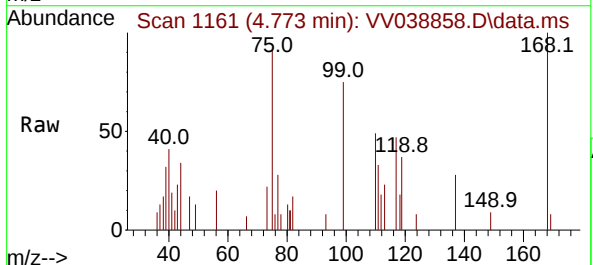
Instrument :
MSVOA_V
ClientSampleId :
MDL01

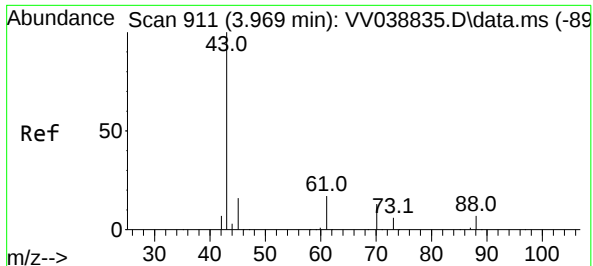
Tgt Ion:113 Resp: 244061
Ion Ratio Lower Upper
113 100
111 103.0 81.5 122.3
192 18.1 14.7 22.1



#36
1,1-Dichloropropene
Concen: 0.484 ug/l
RT: 4.773 min Scan# 1161
Delta R.T. 0.029 min
Lab File: VV038858.D
Acq: 03 Jul 2025 13:52

Tgt Ion: 75 Resp: 2893
Ion Ratio Lower Upper
75 100
110 18.3 19.3 57.9#
77 0.0 25.1 37.7#





#37

Ethyl Acetate

Concen: 0.153 ug/l

RT: 3.989 min Scan# 911

Delta R.T. 0.019 min

Lab File: VV038858.D

Acq: 03 Jul 2025 13:52

Instrument :

MSVOA_V

ClientSampleId :

MDL01

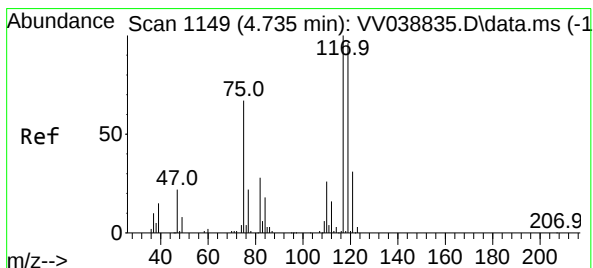
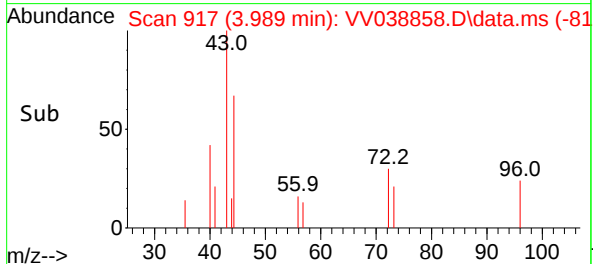
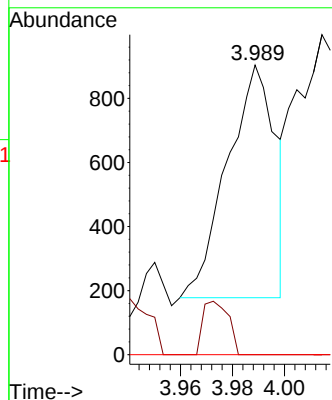
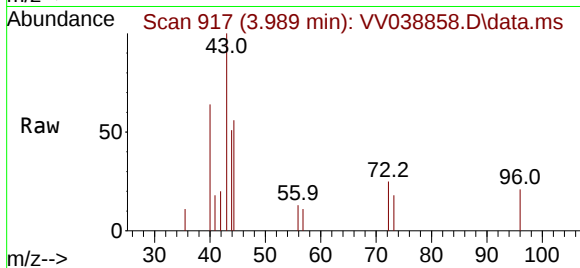
Tgt Ion: 43 Resp: 930

Ion Ratio Lower Upper

43 100

61 0.0 13.0 19.4#

70 0.0 9.6 14.4#



#38

Carbon Tetrachloride

Concen: 0.408 ug/l

RT: 4.735 min Scan# 1149

Delta R.T. -0.000 min

Lab File: VV038858.D

Acq: 03 Jul 2025 13:52

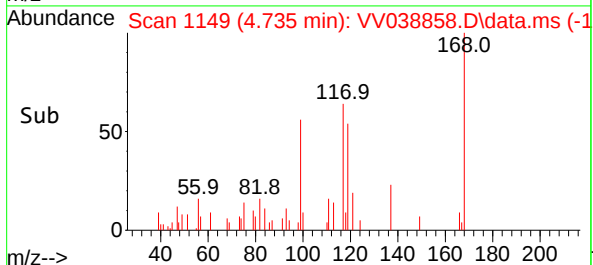
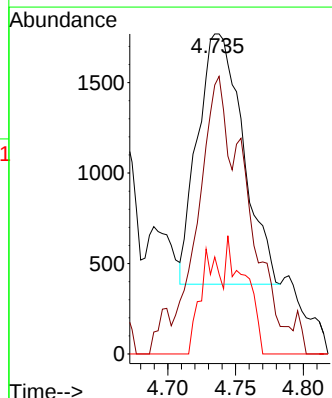
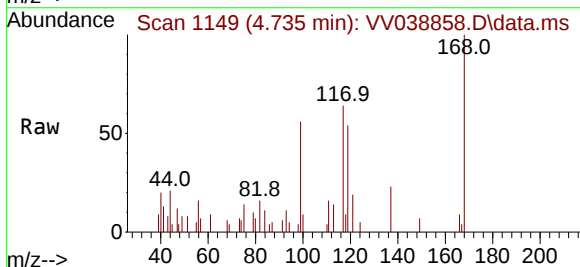
Tgt Ion: 117 Resp: 3206

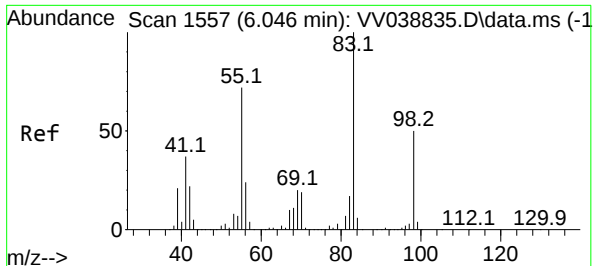
Ion Ratio Lower Upper

117 100

119 96.5 76.5 114.7

121 38.8 25.0 37.6#





#39

Methylcyclohexane

Concen: 0.289 ug/l

RT: 6.040 min Scan# 11

Delta R.T. -0.006 min

Lab File: VV038858.D

Acq: 03 Jul 2025 13:52

Instrument :

MSVOA_V

ClientSampleId :

MDL01

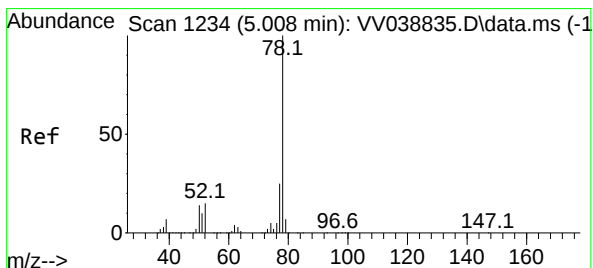
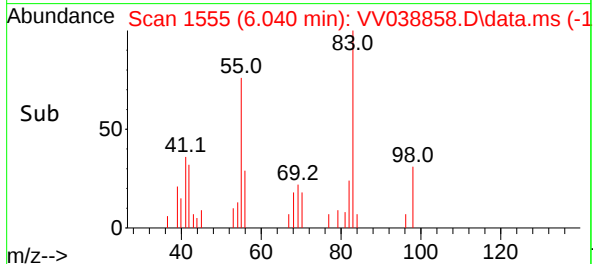
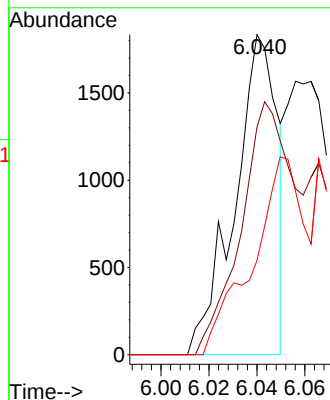
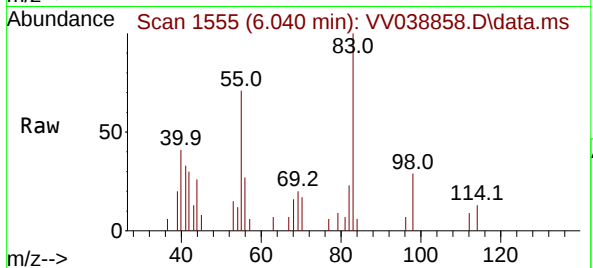
Tgt Ion: 83 Resp: 2261

Ion Ratio Lower Upper

83 100

55 71.2 57.7 86.5

98 29.4 40.2 60.2#



#40

Benzene

Concen: 0.230 ug/l

RT: 5.024 min Scan# 1239

Delta R.T. 0.016 min

Lab File: VV038858.D

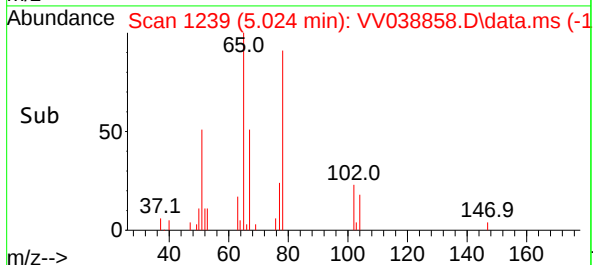
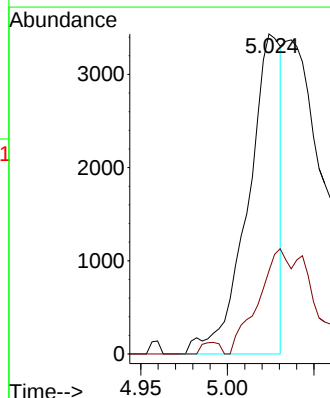
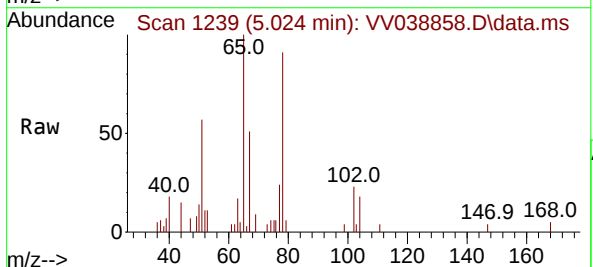
Acq: 03 Jul 2025 13:52

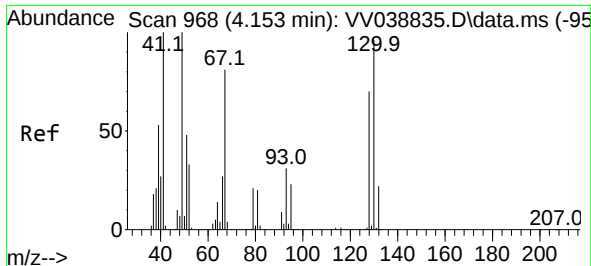
Tgt Ion: 78 Resp: 4530

Ion Ratio Lower Upper

78 100

77 26.0 19.6 29.4

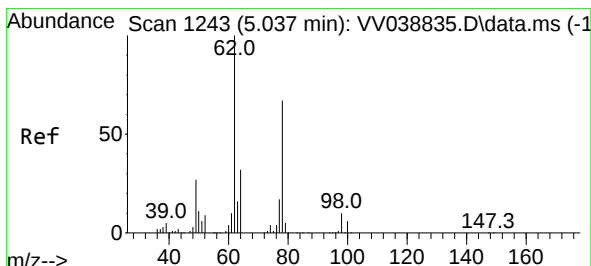
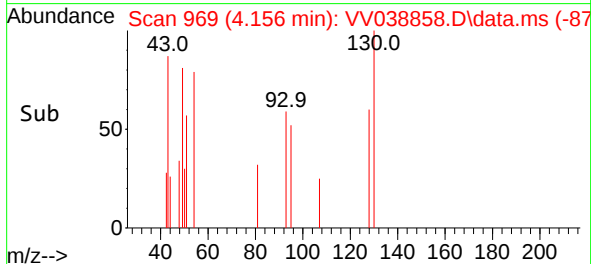
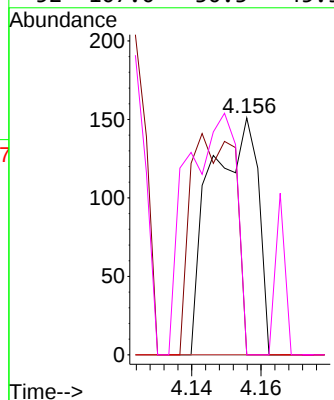
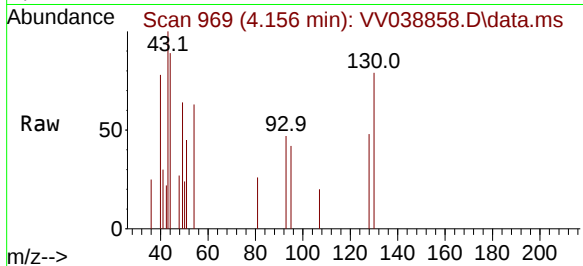




#41
Methacrylonitrile
Concen: 0.055 ug/l
RT: 4.156 min Scan# 90
Delta R.T. 0.003 min
Lab File: VV038858.D
Acq: 03 Jul 2025 13:52

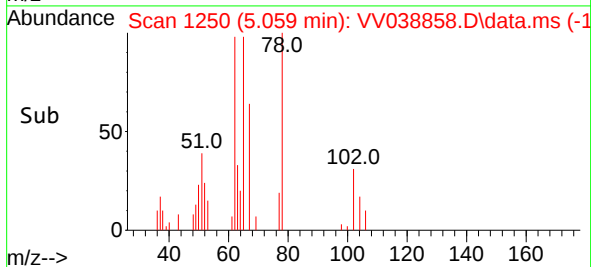
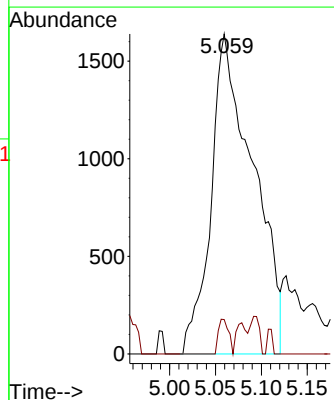
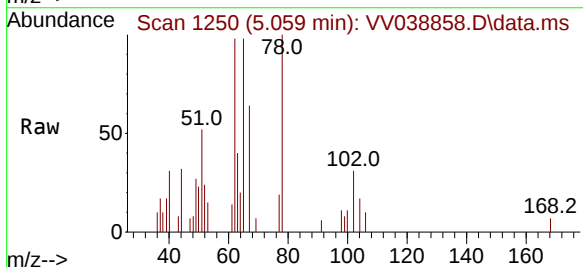
Instrument :
MSVOA_V
ClientSampleId :
MDL01

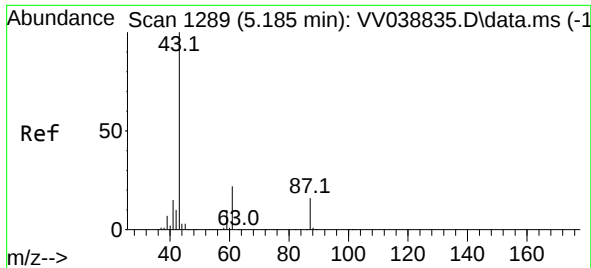
Tgt Ion:	41	Resp:	143
Ion	Ratio	Lower	Upper
41	100		
39	88.1	43.8	65.8#
67	0.0	78.8	118.2#
52	107.0	30.3	45.5#



#42
1,2-Dichloroethane
Concen: 0.747 ug/l
RT: 5.059 min Scan# 1250
Delta R.T. 0.022 min
Lab File: VV038858.D
Acq: 03 Jul 2025 13:52

Tgt Ion:	62	Resp:	5217
Ion	Ratio	Lower	Upper
62	100		
98	2.6	0.0	19.0

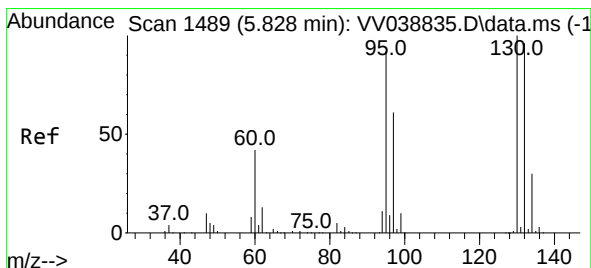
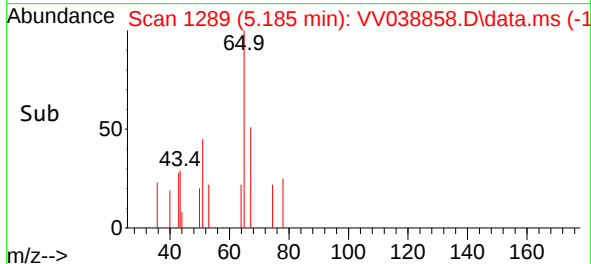
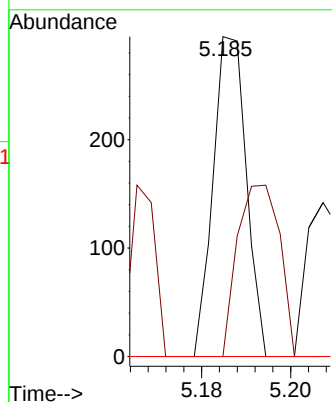
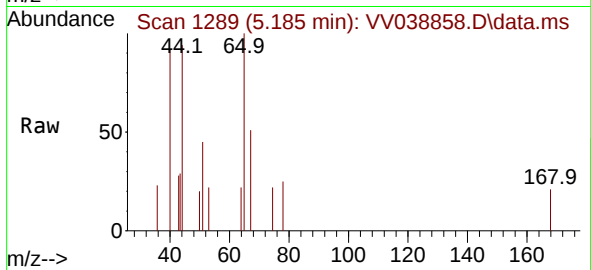




#43
Isopropyl Acetate
Concen: 0.016 ug/l
RT: 5.185 min Scan# 1289
Delta R.T. -0.000 min
Lab File: VV038858.D
Acq: 03 Jul 2025 13:52

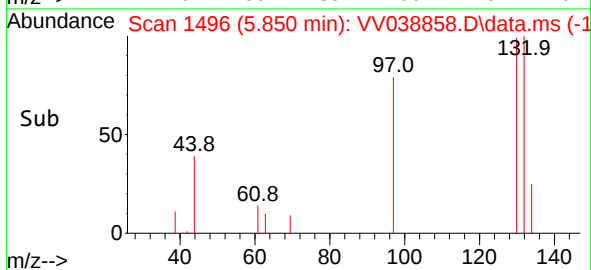
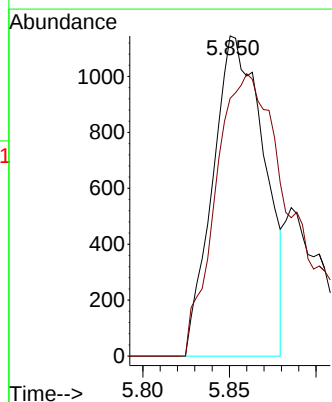
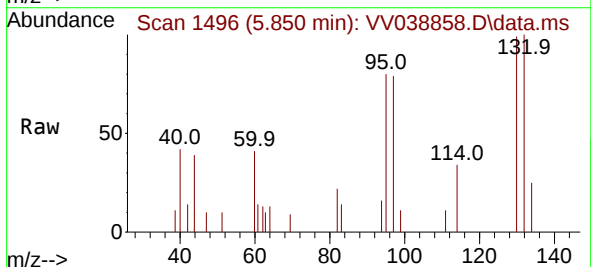
Instrument :
MSVOA_V
ClientSampleId :
MDL01

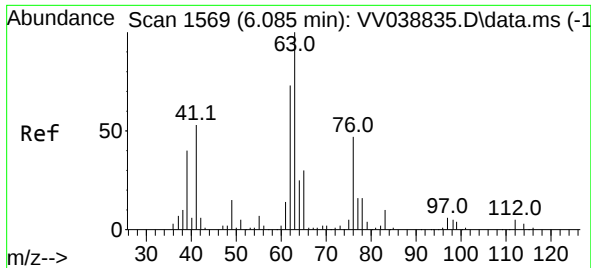
Tgt Ion:	43	Resp:	153
Ion Ratio	Lower	Upper	
43	100		
61	0.0	17.0	25.6#
87	0.0	13.0	19.6#



#44
Trichloroethene
Concen: 0.459 ug/l
RT: 5.850 min Scan# 1496
Delta R.T. 0.022 min
Lab File: VV038858.D
Acq: 03 Jul 2025 13:52

Tgt Ion:	130	Resp:	2363
Ion Ratio	Lower	Upper	
130	100		
95	80.5	0.0	184.4

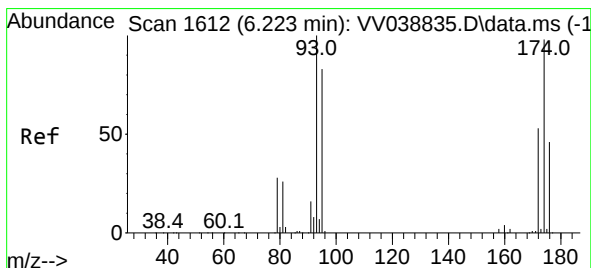
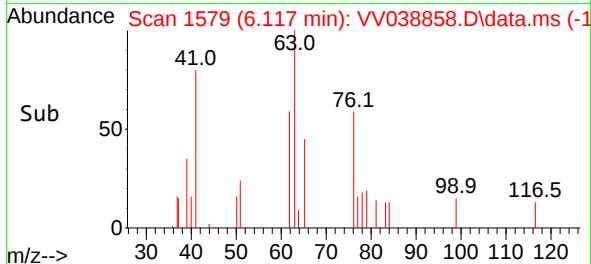
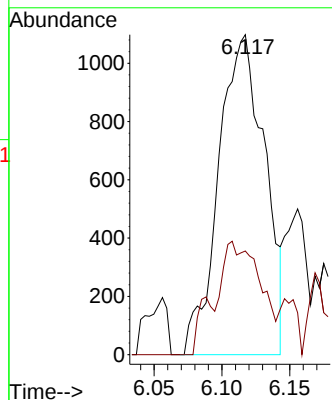
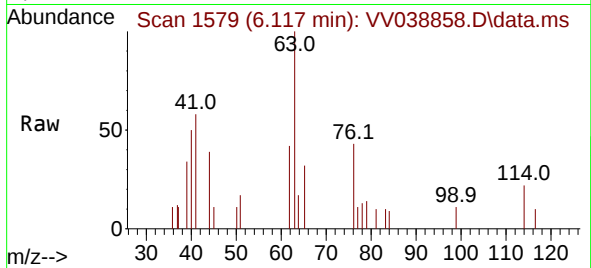




#45
1,2-Dichloropropane
Concen: 0.523 ug/l
RT: 6.117 min Scan# 1579
Delta R.T. 0.032 min
Lab File: VV038858.D
Acq: 03 Jul 2025 13:52

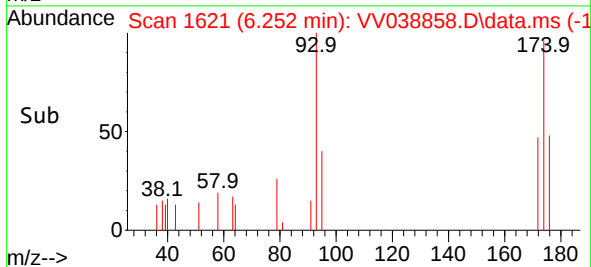
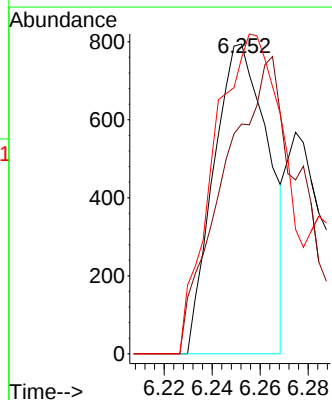
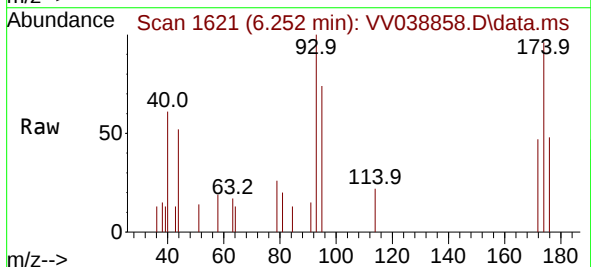
Instrument :
MSVOA_V
ClientSampleId :
MDL01

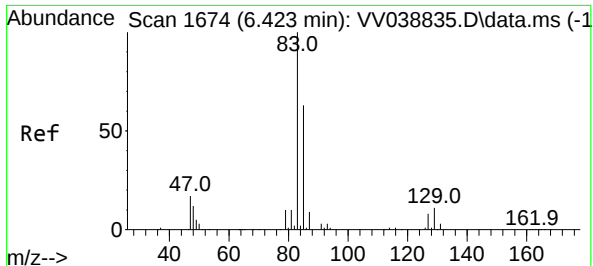
Tgt Ion: 63 Resp: 2590
Ion Ratio Lower Upper
63 100
65 32.4 24.3 36.5



#46
Dibromomethane
Concen: 0.322 ug/l
RT: 6.252 min Scan# 1621
Delta R.T. 0.029 min
Lab File: VV038858.D
Acq: 03 Jul 2025 13:52

Tgt Ion: 93 Resp: 1260
Ion Ratio Lower Upper
93 100
95 130.6 66.7 100.1#
174 133.4 78.7 118.1#

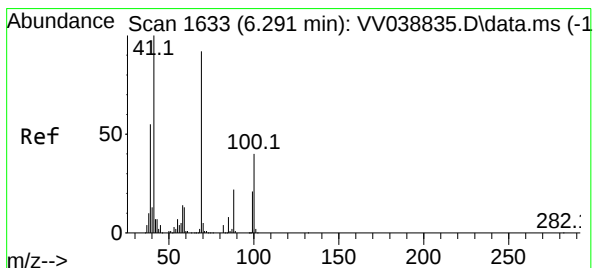
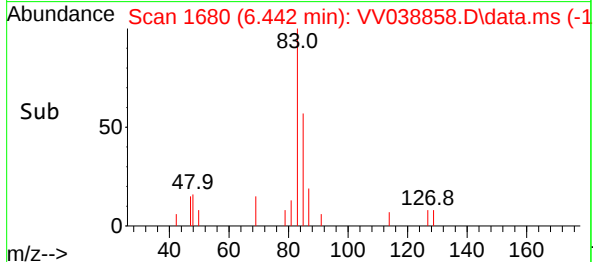
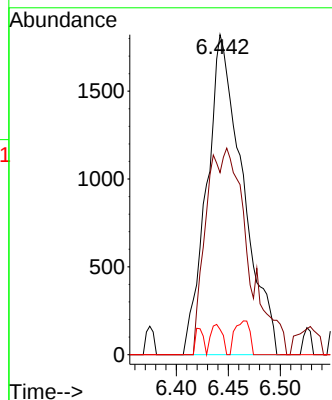
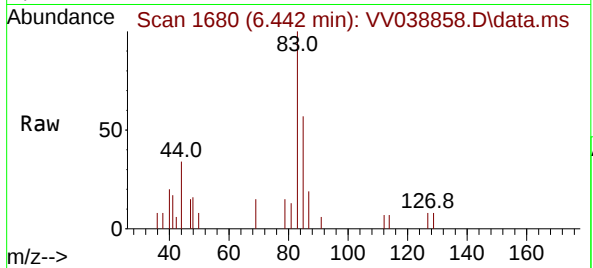




#47
Bromodichloromethane
Concen: 0.530 ug/l
RT: 6.442 min Scan# 1680
Delta R.T. 0.019 min
Lab File: VV038858.D
Acq: 03 Jul 2025 13:52

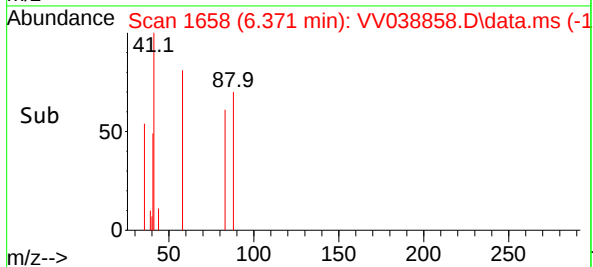
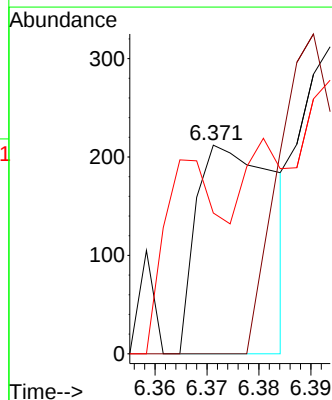
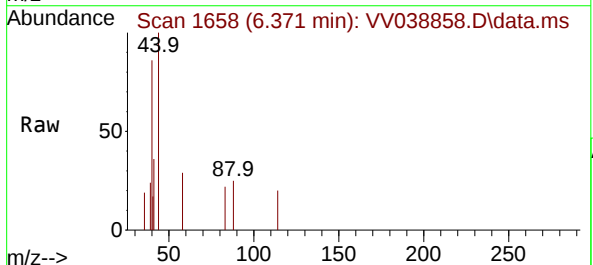
Instrument :
MSVOA_V
ClientSampleId :
MDL01

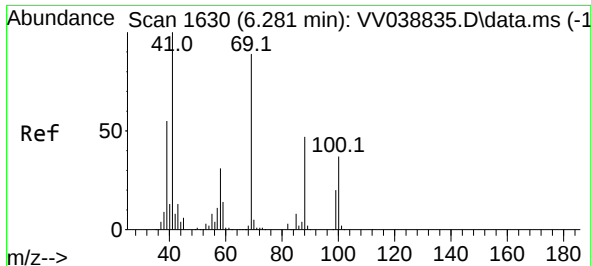
Tgt Ion: 83 Resp: 4383
Ion Ratio Lower Upper
83 100
85 56.9 50.1 75.1
127 7.9 6.6 10.0



#48
Methyl methacrylate
Concen: 0.048 ug/l
RT: 6.371 min Scan# 1658
Delta R.T. 0.080 min
Lab File: VV038858.D
Acq: 03 Jul 2025 13:52

Tgt Ion: 41 Resp: 220
Ion Ratio Lower Upper
41 100
69 0.0 77.4 116.2#
39 70.0 44.2 66.4#





#49

1,4-Dioxane

Concen: 0.702 ug/l

RT: 6.265 min Scan# 1

Delta R.T. -0.016 min

Lab File: VV038858.D

Acq: 03 Jul 2025 13:52

Instrument :

MSVOA_V

ClientSampleId :

MDL01

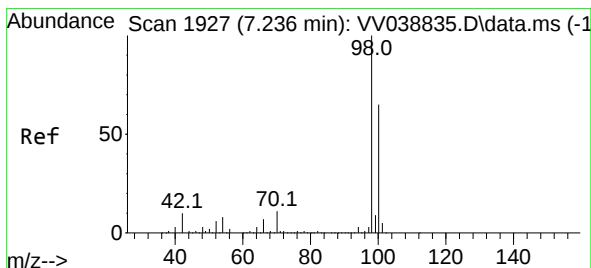
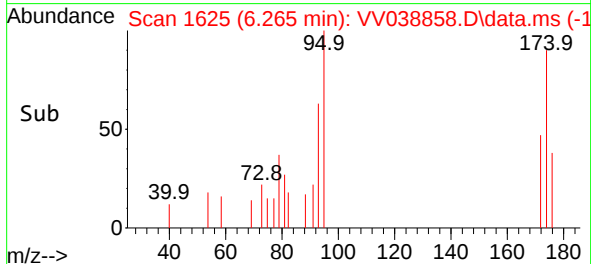
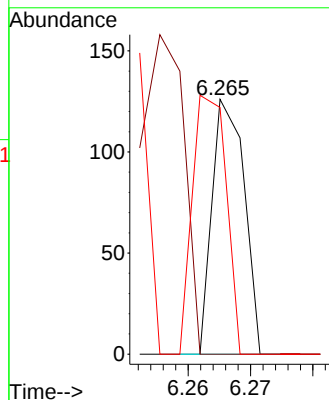
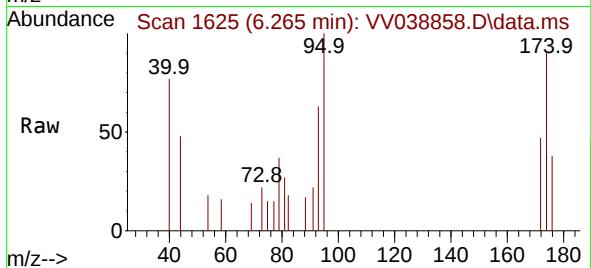
Tgt Ion: 88 Resp: 45

Ion Ratio Lower Upper

88 100

43 171.1 25.2 37.8#

58 106.7 52.1 78.1#



#50

Toluene-d8

Concen: 44.007 ug/l

RT: 7.236 min Scan# 1927

Delta R.T. -0.000 min

Lab File: VV038858.D

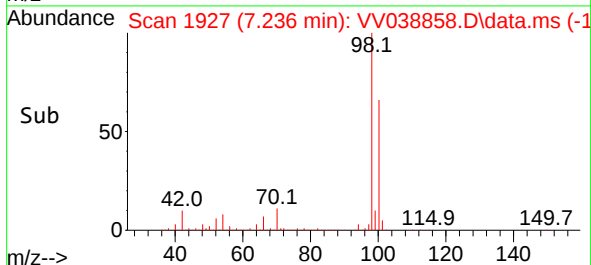
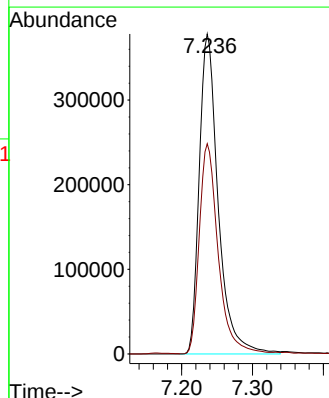
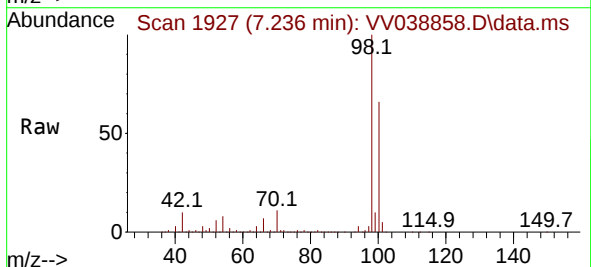
Acq: 03 Jul 2025 13:52

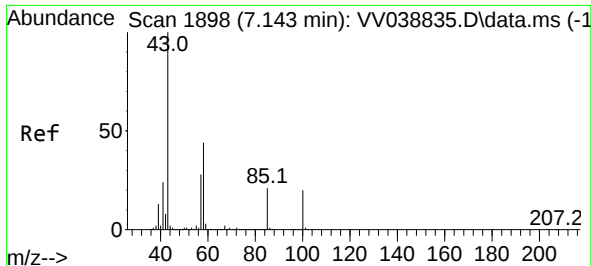
Tgt Ion: 98 Resp: 701101

Ion Ratio Lower Upper

98 100

100 65.4 53.0 79.4

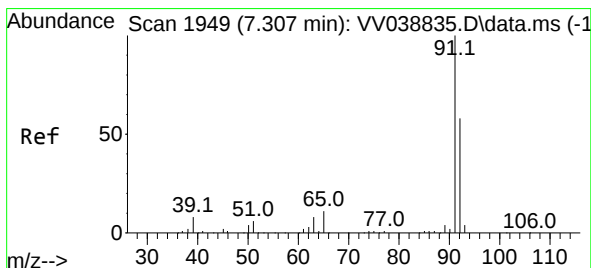
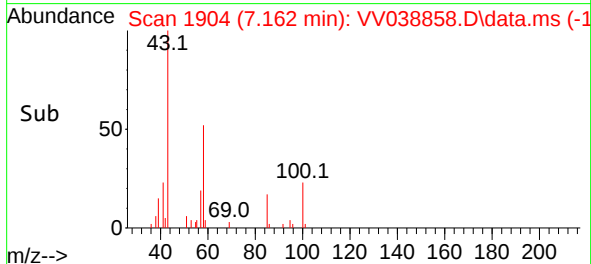
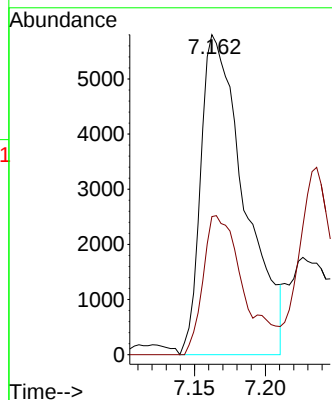
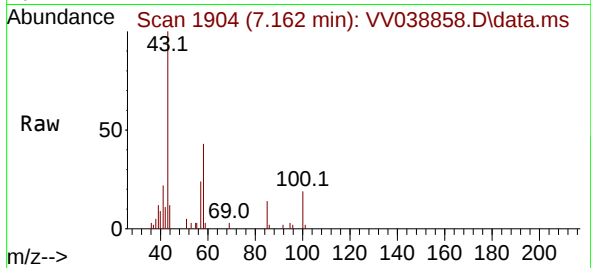




#51
4-Methyl-2-Pentanone
Concen: 2.032 ug/l
RT: 7.162 min Scan# 1904
Delta R.T. 0.019 min
Lab File: VV038858.D
Acq: 03 Jul 2025 13:52

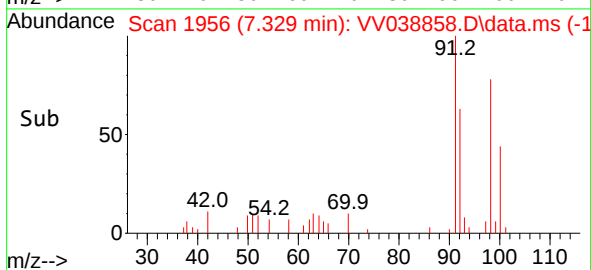
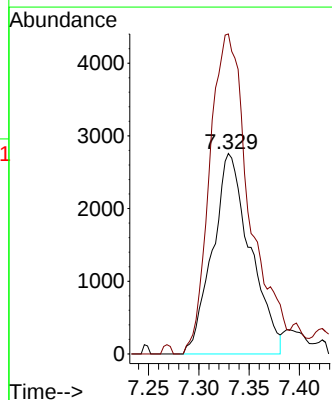
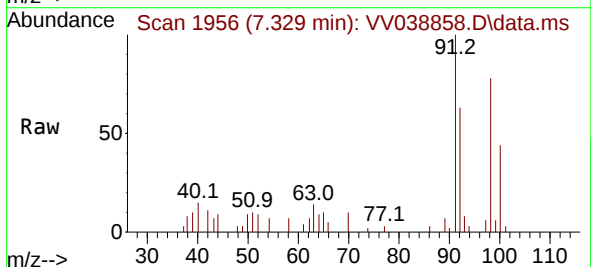
Instrument : MSVOA_V
ClientSampleId : MDL01

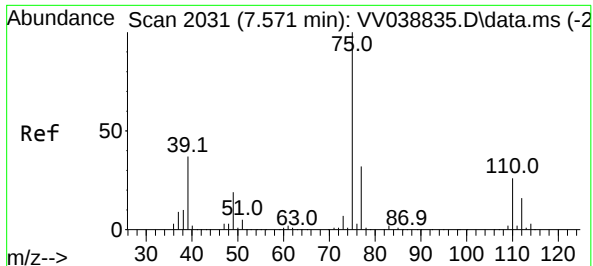
Tgt Ion: 43 Resp: 12474
Ion Ratio Lower Upper
43 100
58 40.8 34.4 51.6



#52
Toluene
Concen: 0.584 ug/l
RT: 7.329 min Scan# 1956
Delta R.T. 0.022 min
Lab File: VV038858.D
Acq: 03 Jul 2025 13:52

Tgt Ion: 92 Resp: 7198
Ion Ratio Lower Upper
92 100
91 169.5 138.5 207.7





#53

t-1,3-Dichloropropene

Concen: 0.385 ug/l

RT: 7.612 min Scan# 2031

Delta R.T. 0.042 min

Lab File: VV038858.D

Acq: 03 Jul 2025 13:52

Instrument :

MSVOA_V

ClientSampleId :

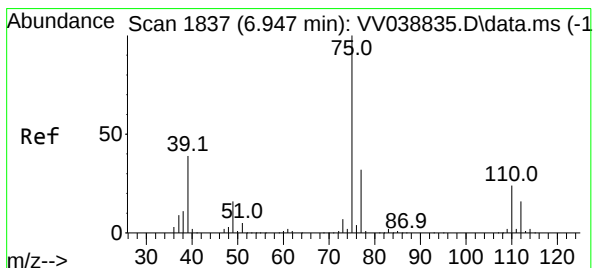
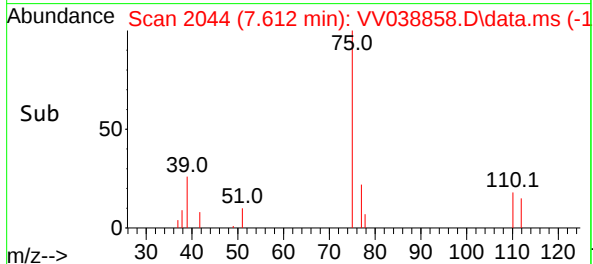
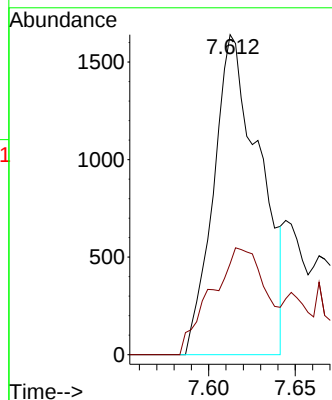
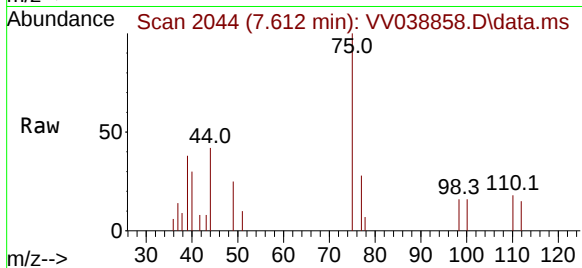
MDL01

Tgt Ion: 75 Resp: 3052

Ion Ratio Lower Upper

75 100

77 28.5 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 0.250 ug/l

RT: 6.979 min Scan# 1847

Delta R.T. 0.032 min

Lab File: VV038858.D

Acq: 03 Jul 2025 13:52

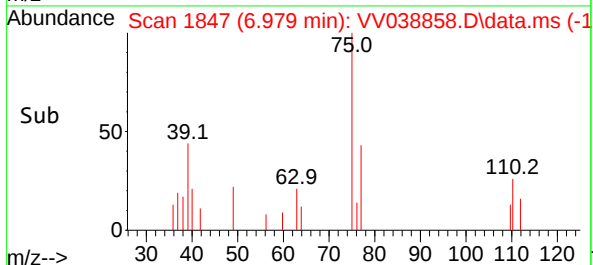
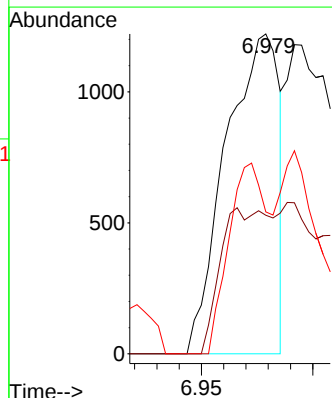
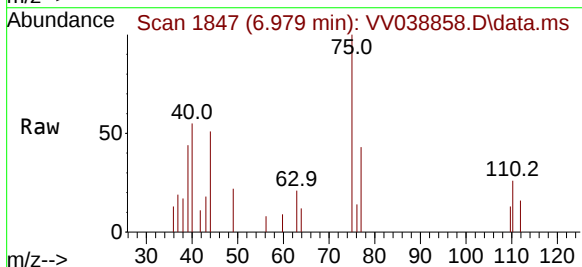
Tgt Ion: 75 Resp: 2024

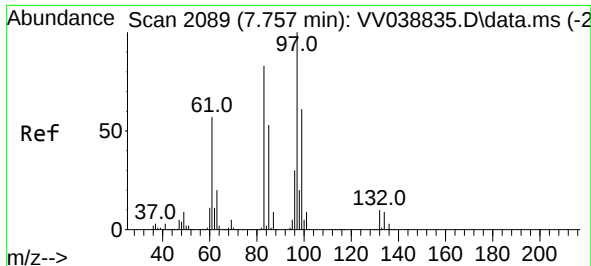
Ion Ratio Lower Upper

75 100

77 43.3 25.8 38.8#

39 44.4 31.3 46.9





#55

1,1,2-Trichloroethane

Concen: 0.652 ug/l

RT: 7.783 min Scan# 2094

Delta R.T. 0.026 min

Lab File: VV038858.D

Acq: 03 Jul 2025 13:52

Instrument :

MSVOA_V

ClientSampleId :

MDL01

Tgt Ion: 97 Resp: 3513

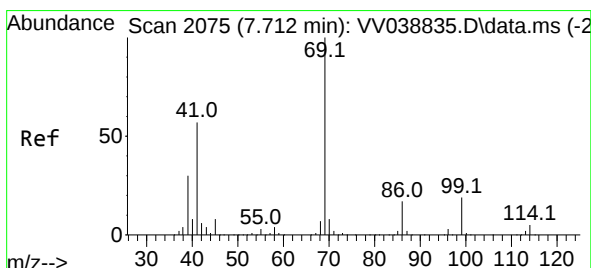
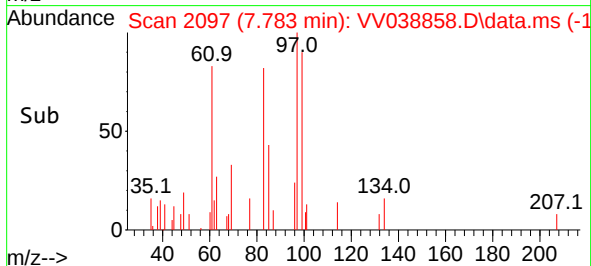
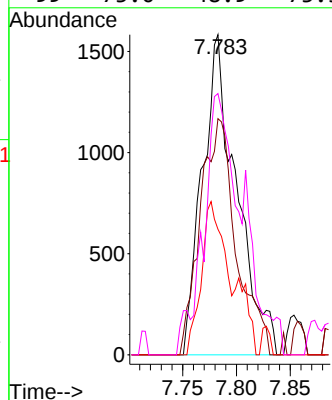
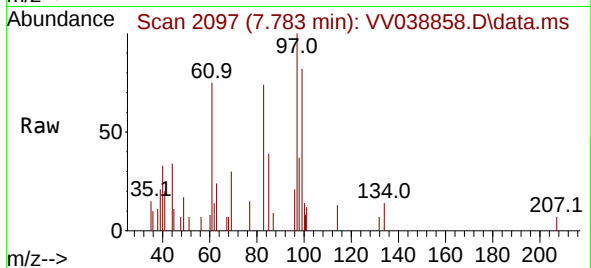
Ion Ratio Lower Upper

97 100

83 73.8 66.2 99.4

85 39.2 42.2 63.4#

99 73.0 48.9 73.3



#56

Ethyl methacrylate

Concen: 0.204 ug/l

RT: 7.773 min Scan# 2094

Delta R.T. 0.061 min

Lab File: VV038858.D

Acq: 03 Jul 2025 13:52

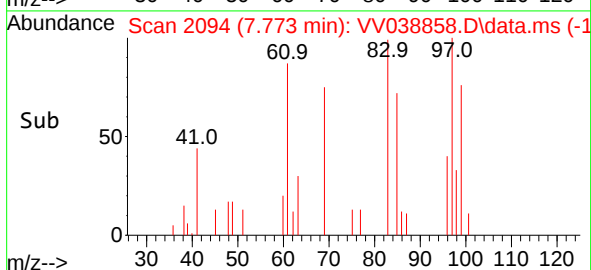
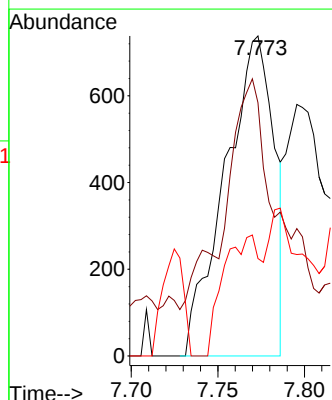
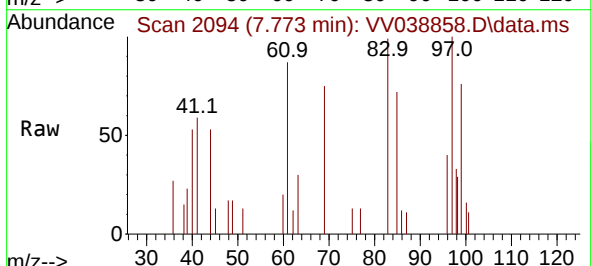
Tgt Ion: 69 Resp: 1446

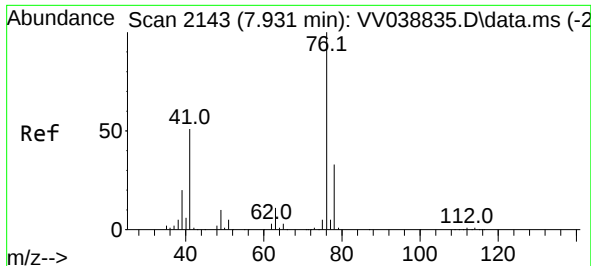
Ion Ratio Lower Upper

69 100

41 62.0 46.1 69.1

39 29.3 24.1 36.1

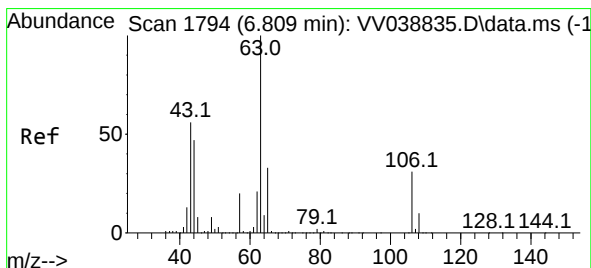
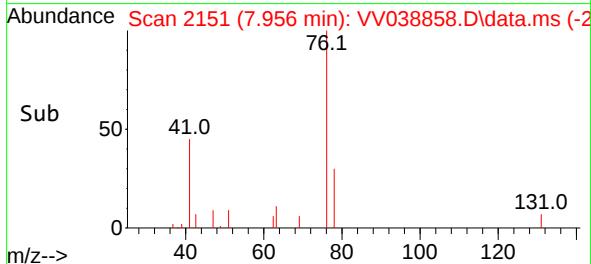
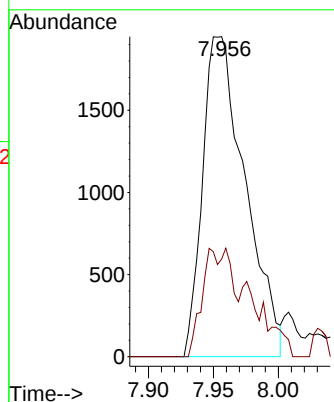
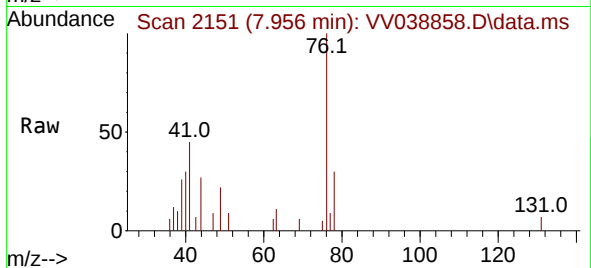




#57
1,3-Dichloropropane
Concen: 0.524 ug/l
RT: 7.956 min Scan# 2143
Delta R.T. 0.026 min
Lab File: VV038858.D
Acq: 03 Jul 2025 13:52

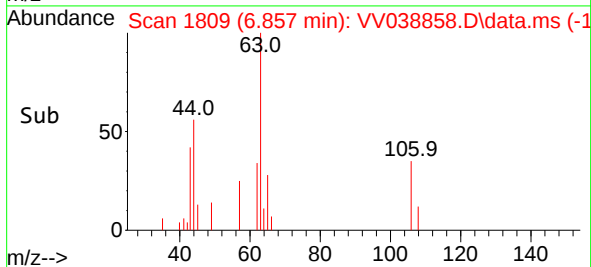
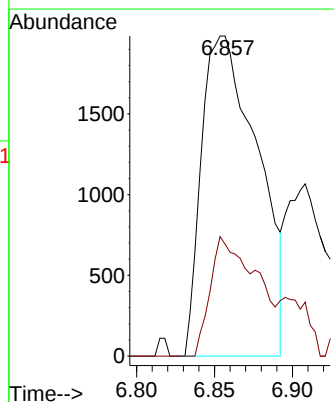
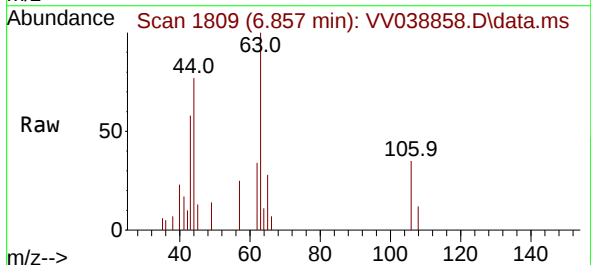
Instrument :
MSVOA_V
ClientSampleId :
MDL01

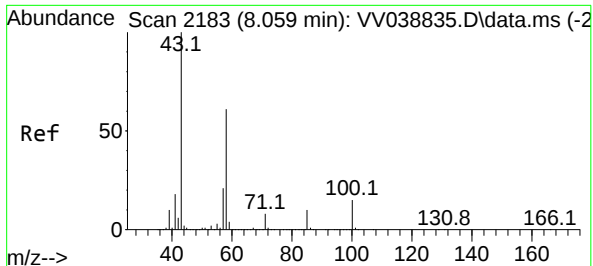
Tgt Ion: 76 Resp: 4449
Ion Ratio Lower Upper
76 100
78 13.0 26.2 39.2#



#58
2-Chloroethyl Vinyl ether
Concen: 1.542 ug/l
RT: 6.857 min Scan# 1809
Delta R.T. 0.048 min
Lab File: VV038858.D
Acq: 03 Jul 2025 13:52

Tgt Ion: 63 Resp: 4967
Ion Ratio Lower Upper
63 100
106 30.6 24.6 37.0

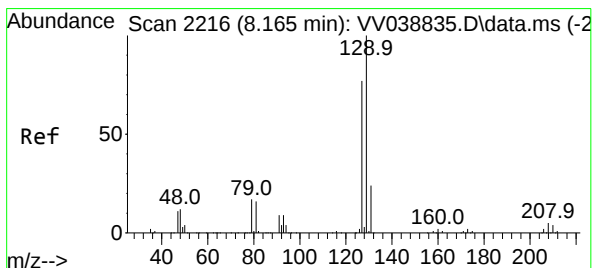
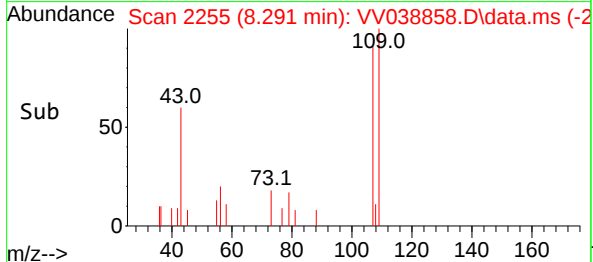
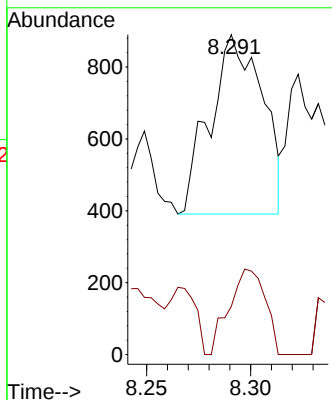
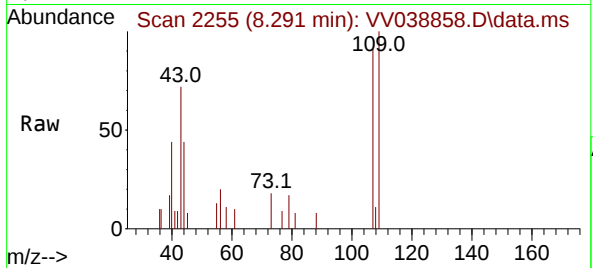




#59
2-Hexanone
Concen: 0.202 ug/l
RT: 8.291 min Scan# 2183
Delta R.T. 0.231 min
Lab File: VV038858.D
Acq: 03 Jul 2025 13:52

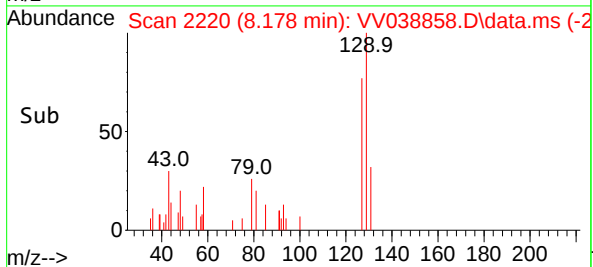
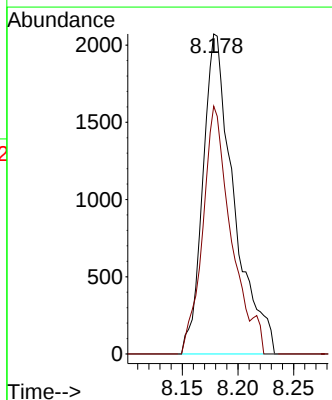
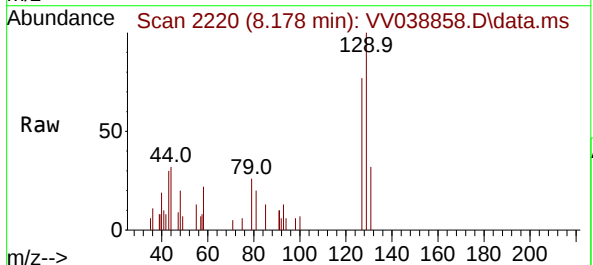
Instrument :
MSVOA_V
ClientSampleId :
MDL01

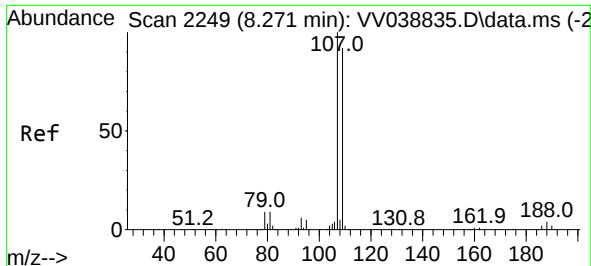
Tgt Ion: 43 Resp: 874
Ion Ratio Lower Upper
43 100
58 32.7 30.3 91.0



#60
Dibromochloromethane
Concen: 0.590 ug/l
RT: 8.178 min Scan# 2220
Delta R.T. 0.013 min
Lab File: VV038858.D
Acq: 03 Jul 2025 13:52

Tgt Ion: 129 Resp: 4006
Ion Ratio Lower Upper
129 100
127 71.3 38.2 114.6





#61

1,2-Dibromoethane

Concen: 0.491 ug/l

RT: 8.294 min Scan# 2256

Delta R.T. 0.022 min

Lab File: VV038858.D

Acq: 03 Jul 2025 13:52

Instrument :

MSVOA_V

ClientSampleId :

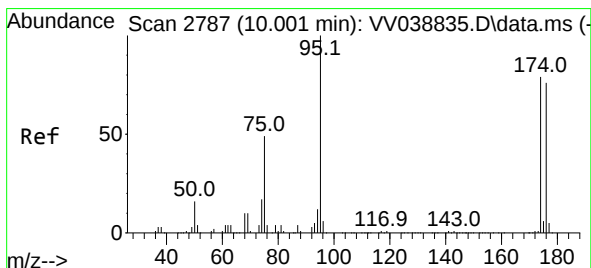
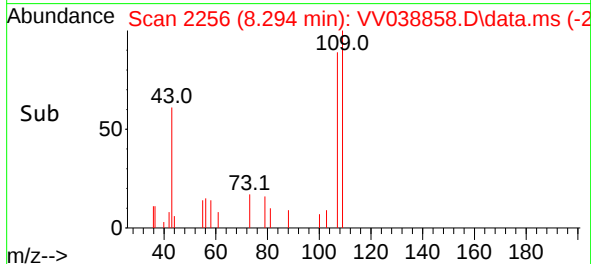
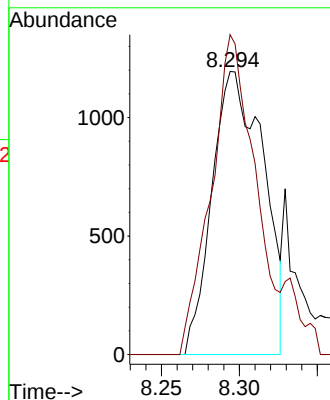
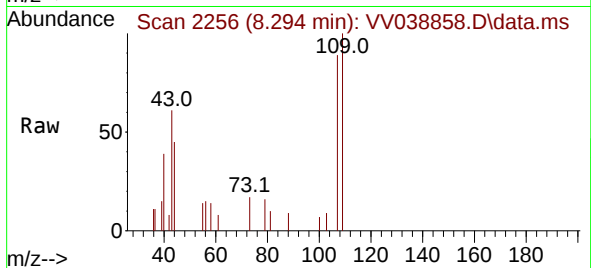
MDL01

Tgt Ion:107 Resp: 2738

Ion Ratio Lower Upper

107 100

109 96.7 74.8 112.2



#62

4-Bromofluorobenzene

Concen: 40.992 ug/l

RT: 10.001 min Scan# 2787

Delta R.T. -0.000 min

Lab File: VV038858.D

Acq: 03 Jul 2025 13:52

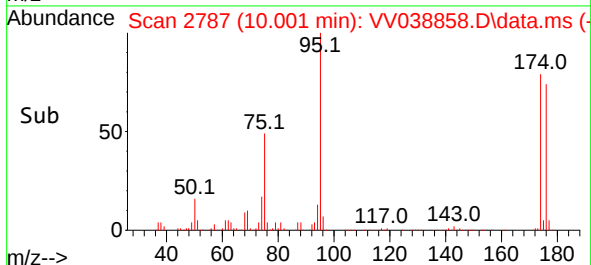
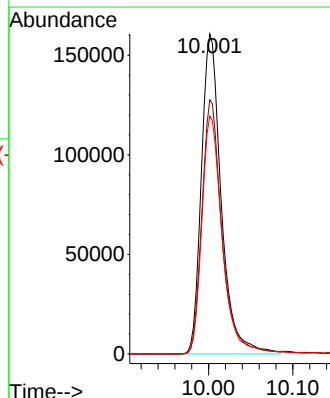
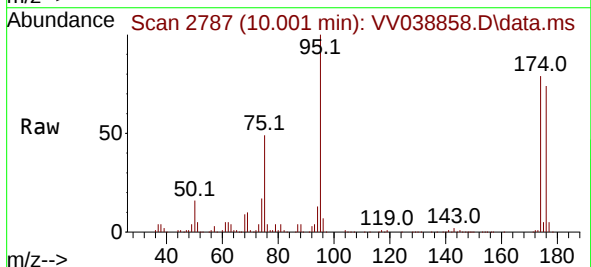
Tgt Ion: 95 Resp: 263847

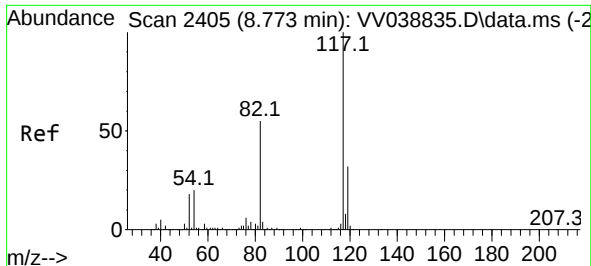
Ion Ratio Lower Upper

95 100

174 80.2 0.0 158.2

176 76.8 0.0 154.4

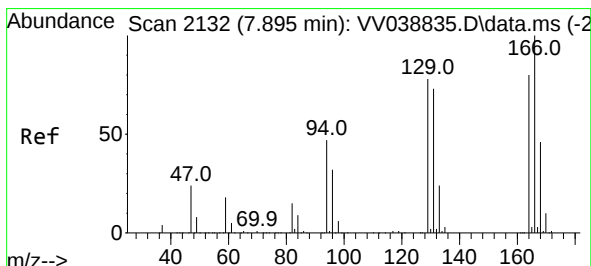
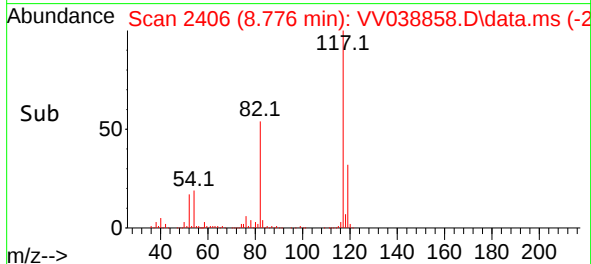
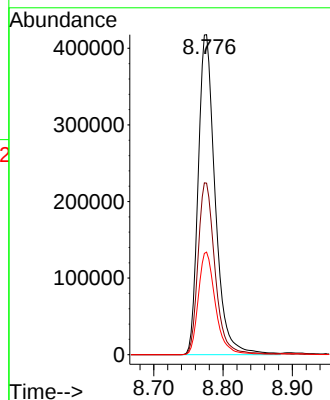
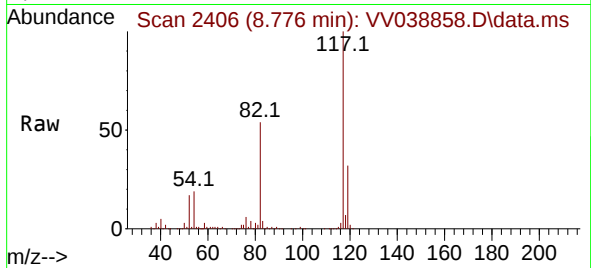




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.776 min Scan# 2405
Delta R.T. 0.003 min
Lab File: VV038858.D
Acq: 03 Jul 2025 13:52

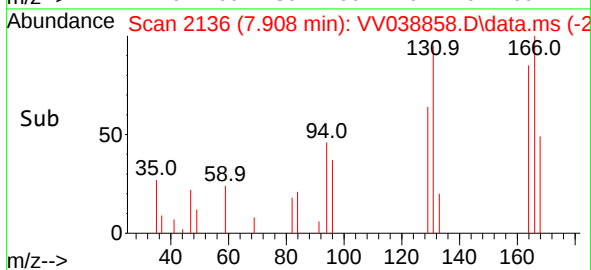
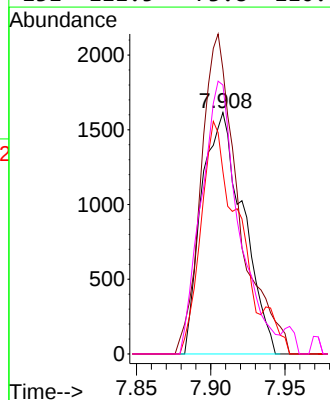
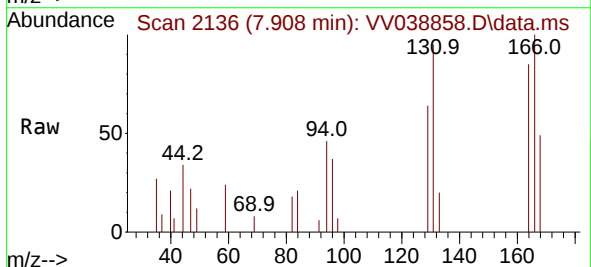
Instrument :
MSVOA_V
ClientSampleId :
MDL01

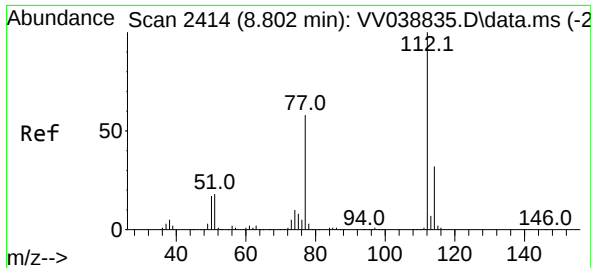
Tgt Ion:117 Resp: 714315
Ion Ratio Lower Upper
117 100
82 53.6 44.2 66.4
119 32.0 25.5 38.3



#64
Tetrachloroethene
Concen: 0.681 ug/l
RT: 7.908 min Scan# 2136
Delta R.T. 0.013 min
Lab File: VV038858.D
Acq: 03 Jul 2025 13:52

Tgt Ion:164 Resp: 3127
Ion Ratio Lower Upper
164 100
166 111.6 100.6 151.0
129 75.5 78.4 117.6#
131 111.5 73.8 110.6#

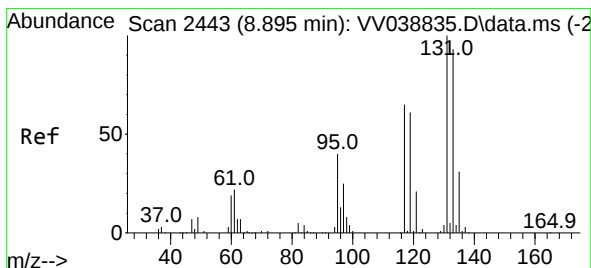
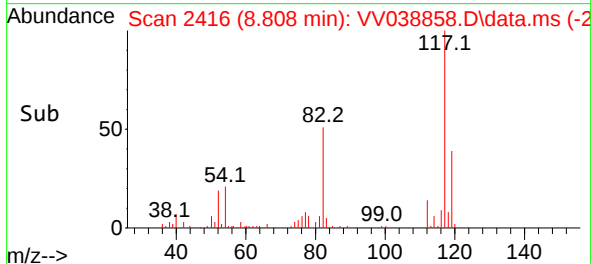
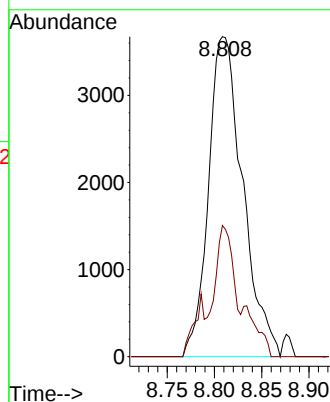
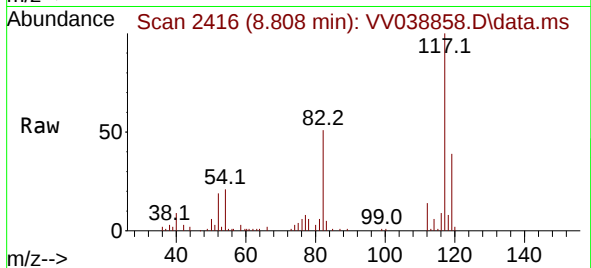




#65
Chlorobenzene
Concen: 0.614 ug/l
RT: 8.808 min Scan# 2414
Delta R.T. 0.006 min
Lab File: VV038858.D
Acq: 03 Jul 2025 13:52

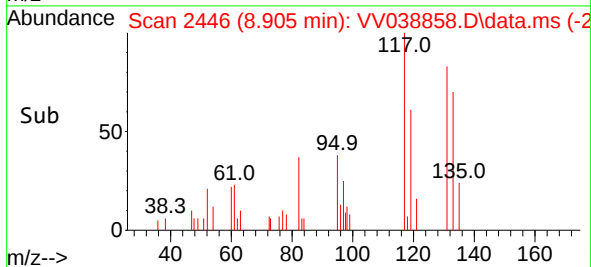
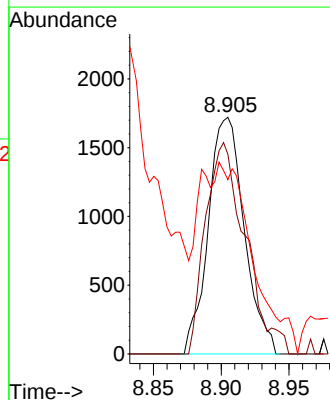
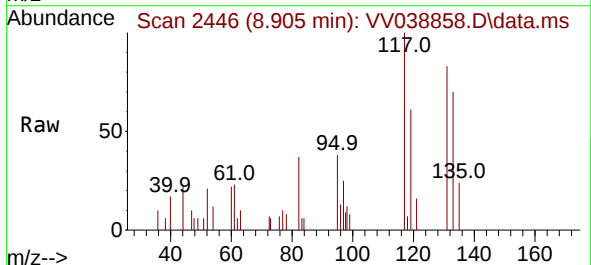
Instrument :
MSVOA_V
ClientSampleId :
MDL01

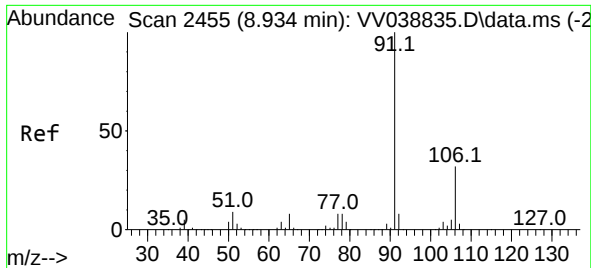
Tgt Ion:112 Resp: 9247
Ion Ratio Lower Upper
112 100
114 41.0 25.6 38.4#



#66
1,1,1,2-Tetrachloroethane
Concen: 0.566 ug/l
RT: 8.905 min Scan# 2446
Delta R.T. 0.010 min
Lab File: VV038858.D
Acq: 03 Jul 2025 13:52

Tgt Ion:131 Resp: 3179
Ion Ratio Lower Upper
131 100
133 98.9 47.3 142.0
119 0.0 31.0 93.0#

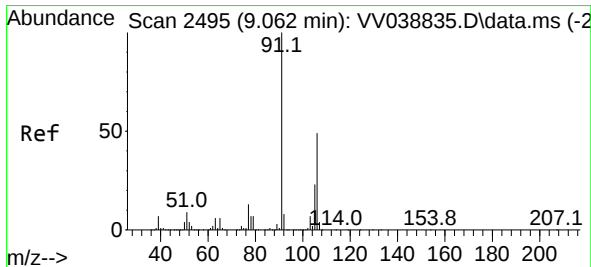
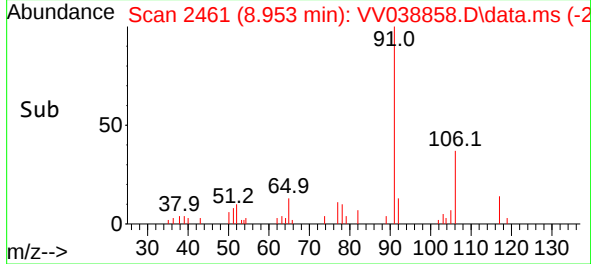
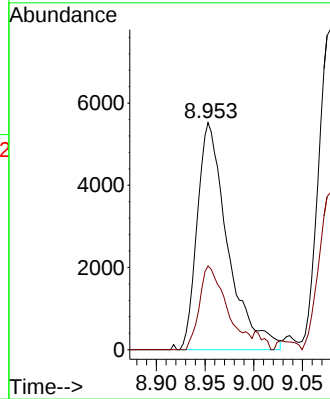
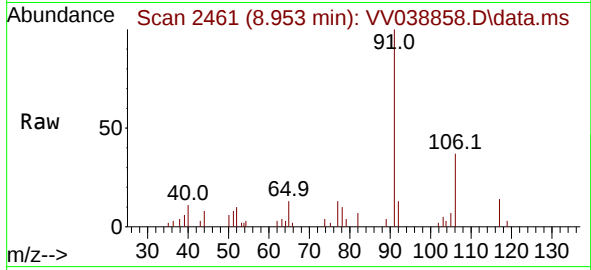




#67
Ethyl Benzene
Concen: 0.508 ug/l
RT: 8.953 min Scan# 2455
Delta R.T. 0.019 min
Lab File: VV038858.D
Acq: 03 Jul 2025 13:52

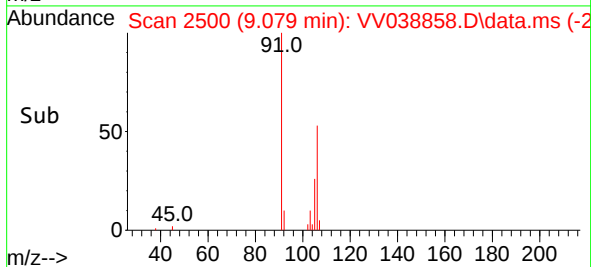
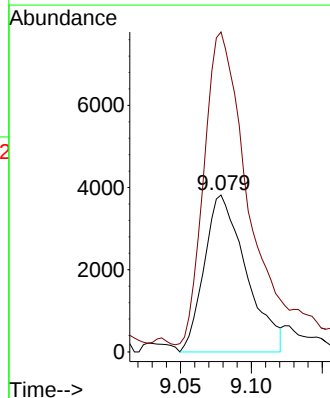
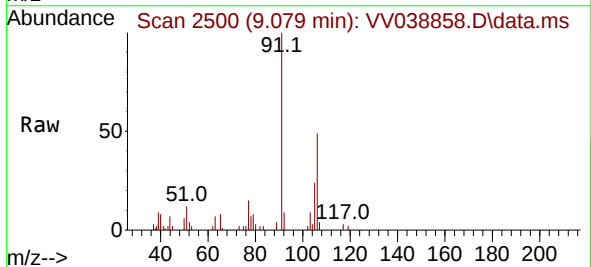
Instrument :
MSVOA_V
ClientSampleId :
MDL01

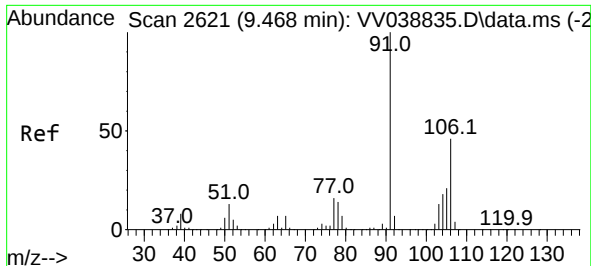
Tgt Ion: 91 Resp: 11979
Ion Ratio Lower Upper
91 100
106 36.8 25.2 37.8



#68
m/p-Xylenes
Concen: 0.868 ug/l
RT: 9.079 min Scan# 2500
Delta R.T. 0.016 min
Lab File: VV038858.D
Acq: 03 Jul 2025 13:52

Tgt Ion: 106 Resp: 7845
Ion Ratio Lower Upper
106 100
91 222.1 162.9 244.3

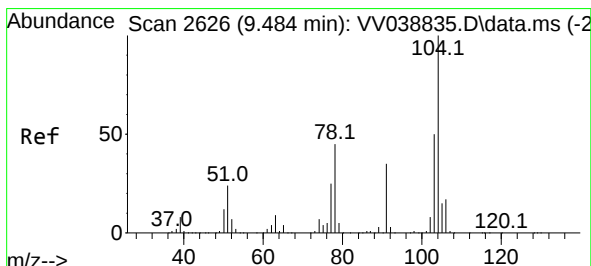
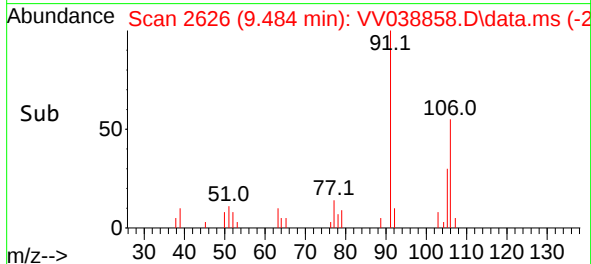
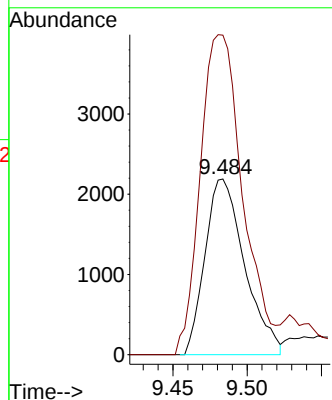
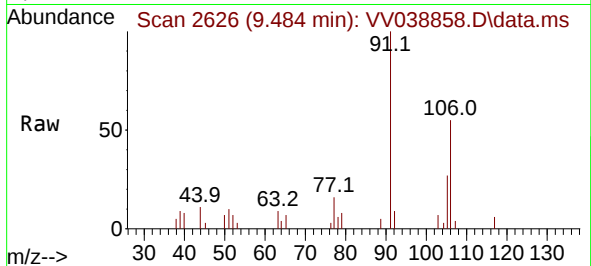




#69
o-Xylene
Concen: 0.471 ug/l
RT: 9.484 min Scan# 2626
Delta R.T. 0.016 min
Lab File: VV038858.D
Acq: 03 Jul 2025 13:52

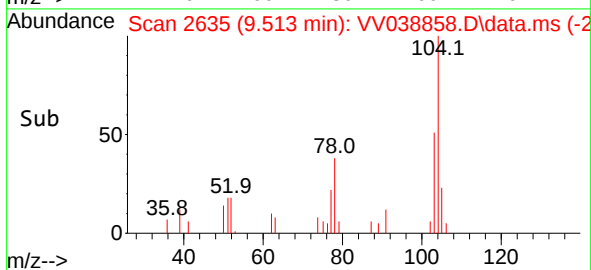
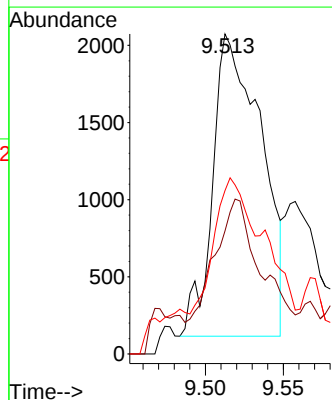
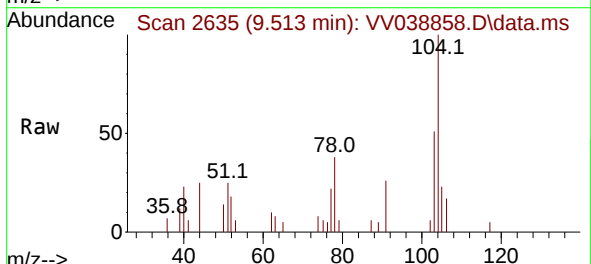
Instrument :
MSVOA_V
ClientSampleId :
MDL01

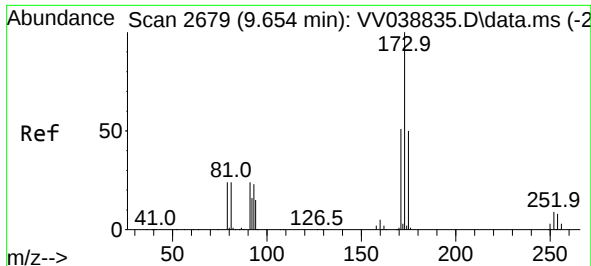
Tgt Ion:106 Resp: 4064
Ion Ratio Lower Upper
106 100
91 194.5 107.6 322.8



#70
Styrene
Concen: 0.282 ug/l
RT: 9.513 min Scan# 2635
Delta R.T. 0.029 min
Lab File: VV038858.D
Acq: 03 Jul 2025 13:52

Tgt Ion:104 Resp: 4249
Ion Ratio Lower Upper
104 100
78 43.3 39.9 59.9
103 58.7 43.4 65.0

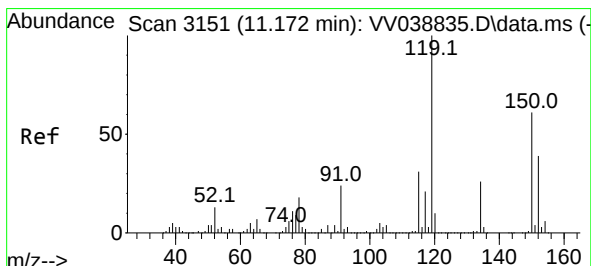
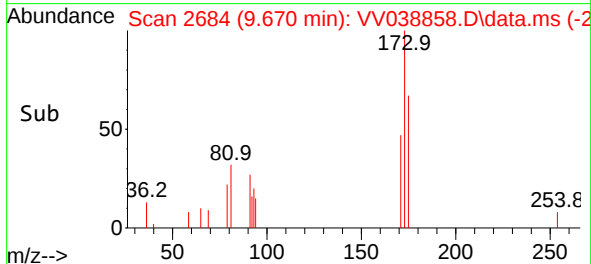
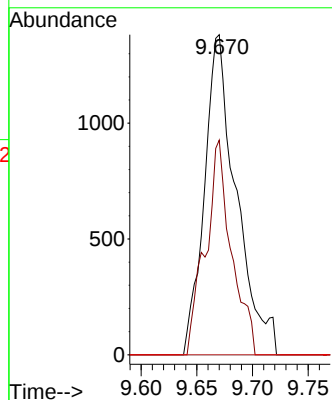
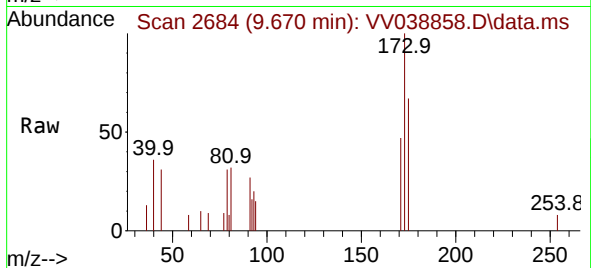




#71
Bromoform
Concen: 0.602 ug/l
RT: 9.670 min Scan# 2684
Delta R.T. 0.016 min
Lab File: VV038858.D
Acq: 03 Jul 2025 13:52

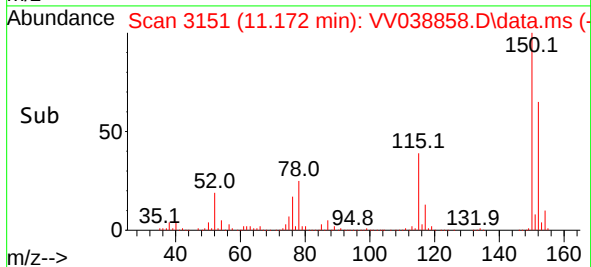
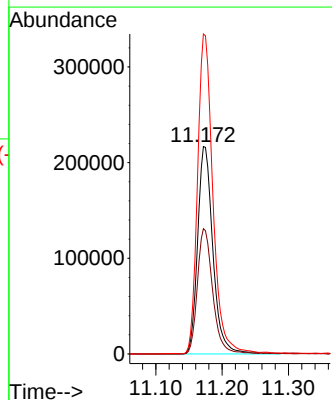
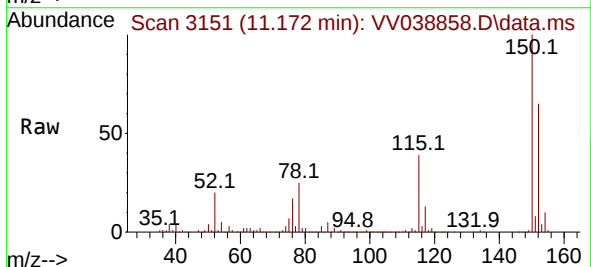
Instrument :
MSVOA_V
ClientSampleId :
MDL01

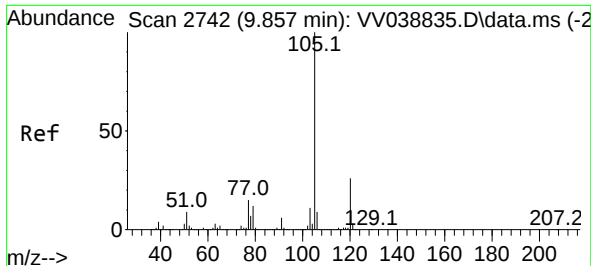
Tgt Ion:173 Resp: 2750
Ion Ratio Lower Upper
173 100
175 54.5 24.3 72.9
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.172 min Scan# 3151
Delta R.T. -0.000 min
Lab File: VV038858.D
Acq: 03 Jul 2025 13:52

Tgt Ion:152 Resp: 348702
Ion Ratio Lower Upper
152 100
115 60.2 42.0 126.0
150 154.3 0.0 343.6

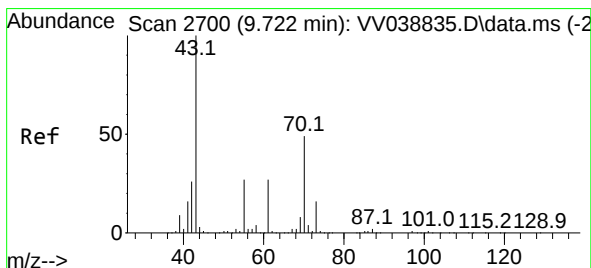
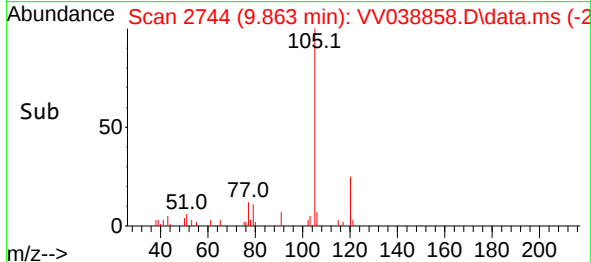
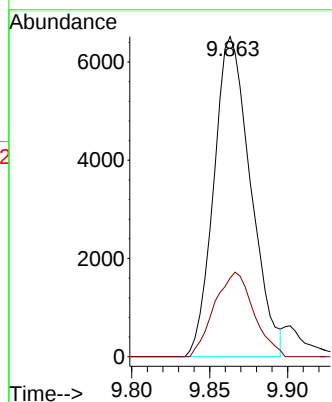
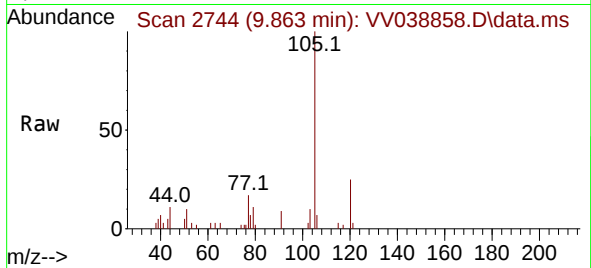




#73
Isopropylbenzene
Concen: 0.523 ug/l
RT: 9.863 min Scan# 21
Delta R.T. 0.006 min
Lab File: VV038858.D
Acq: 03 Jul 2025 13:52

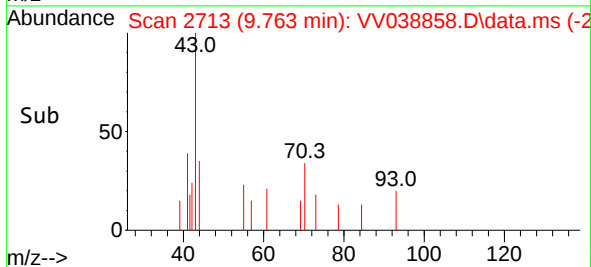
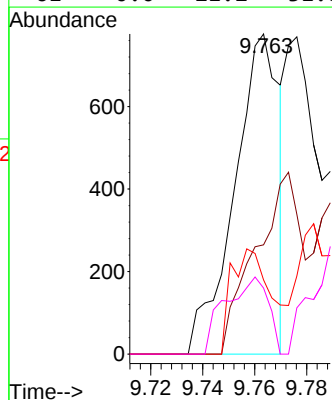
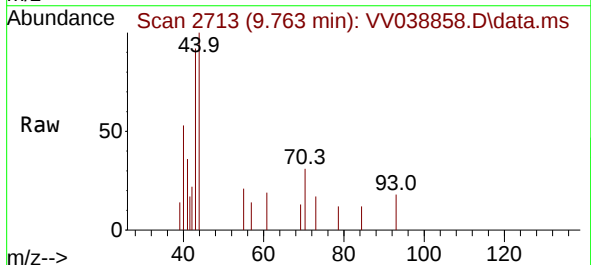
Instrument :
MSVOA_V
ClientSampleId :
MDL01

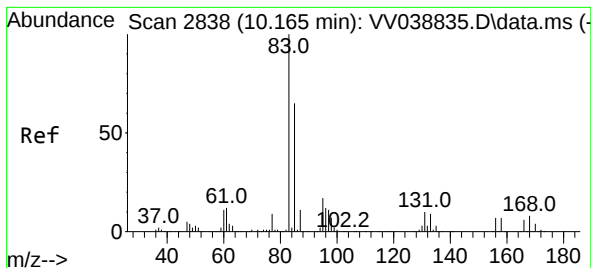
Tgt Ion:105 Resp: 10694
Ion Ratio Lower Upper
105 100
120 28.2 13.1 39.3



#74
N-ethyl acetate
Concen: 0.129 ug/l
RT: 9.763 min Scan# 2713
Delta R.T. 0.042 min
Lab File: VV038858.D
Acq: 03 Jul 2025 13:52

Tgt Ion: 43 Resp: 923
Ion Ratio Lower Upper
43 100
70 57.3 39.7 59.5
55 30.6 22.1 33.1
61 0.0 21.2 31.8#





#75

1,1,2,2-Tetrachloroethane

Concen: 0.683 ug/l

RT: 10.175 min Scan# 2

Delta R.T. 0.010 min

Lab File: VV038858.D

Acq: 03 Jul 2025 13:52

Instrument :

MSVOA_V

ClientSampleId :

MDL01

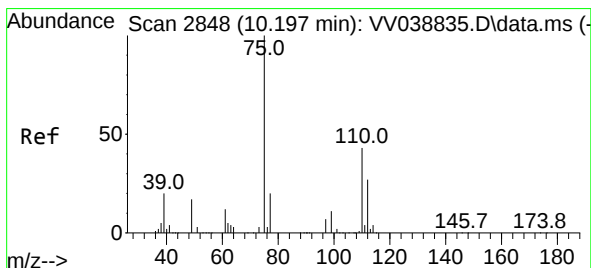
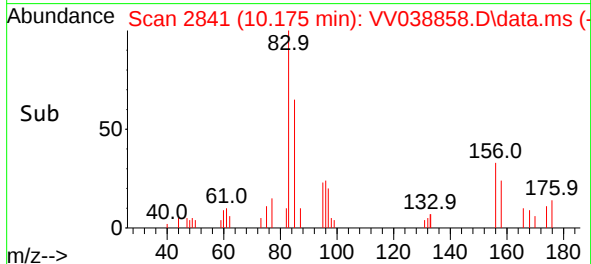
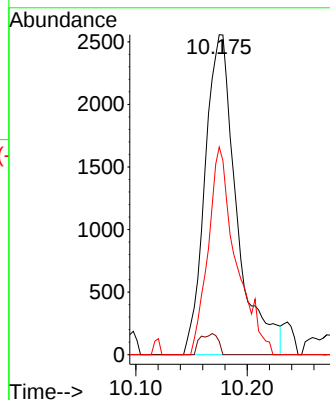
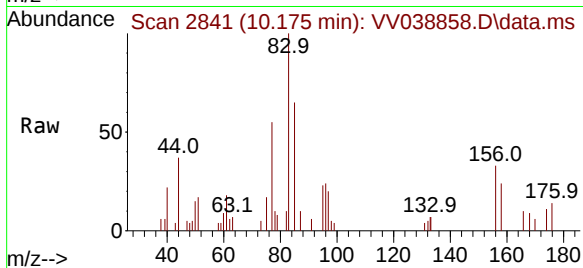
Tgt Ion: 83 Resp: 5065

Ion Ratio Lower Upper

83 100

131 3.7 5.1 15.3#

85 56.7 31.6 95.0



#76

1,2,3-Trichloropropane

Concen: 24.498 ug/l

RT: 10.001 min Scan# 2787

Delta R.T. -0.196 min

Lab File: VV038858.D

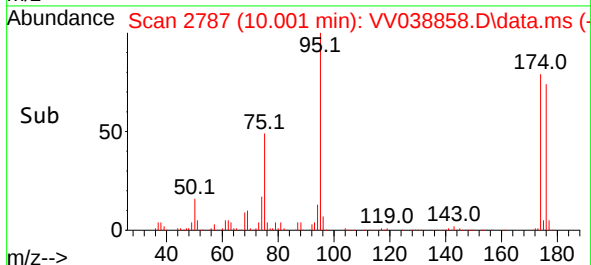
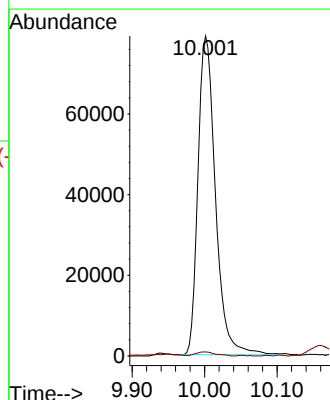
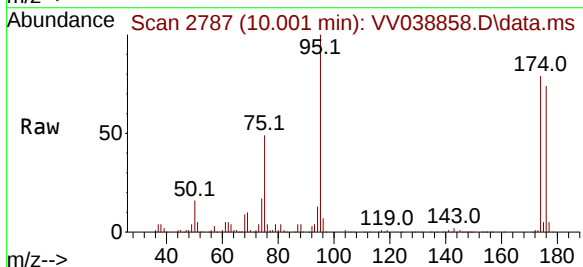
Acq: 03 Jul 2025 13:52

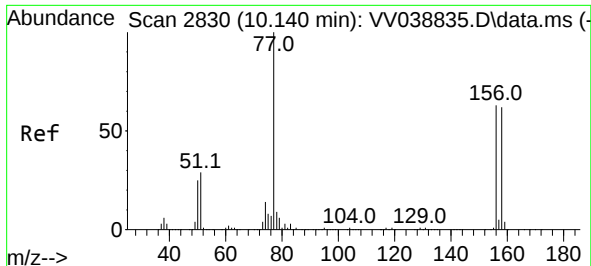
Tgt Ion: 75 Resp: 132174

Ion Ratio Lower Upper

75 100

77 1.5 11.7 35.1#

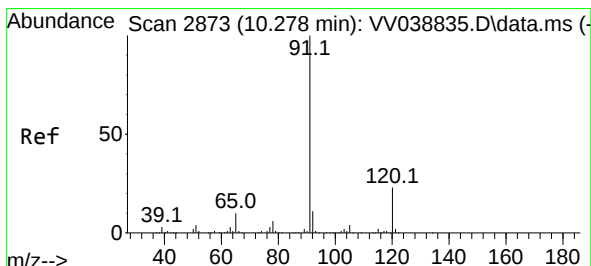
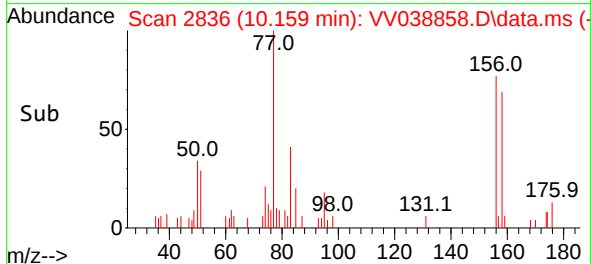
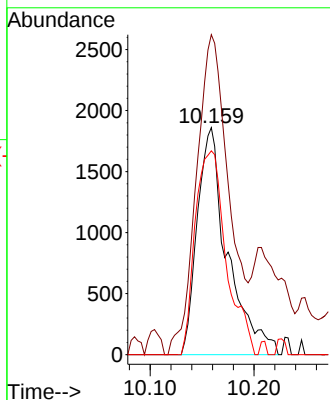
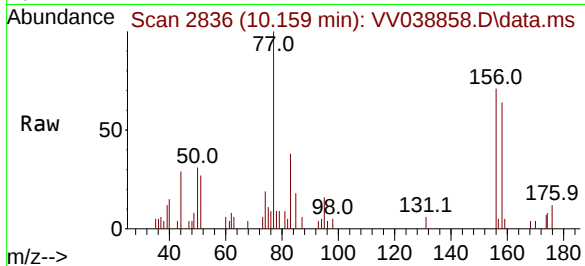




#77
Bromobenzene
Concen: 0.711 ug/l
RT: 10.159 min Scan# 2836
Delta R.T. 0.019 min
Lab File: VV038858.D
Acq: 03 Jul 2025 13:52

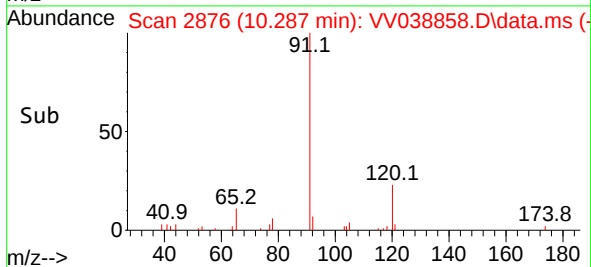
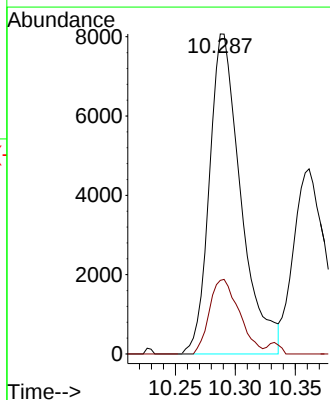
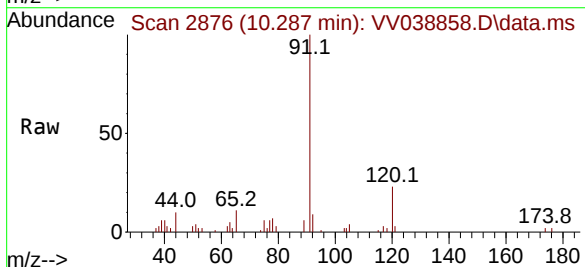
Instrument :
MSVOA_V
ClientSampleId :
MDL01

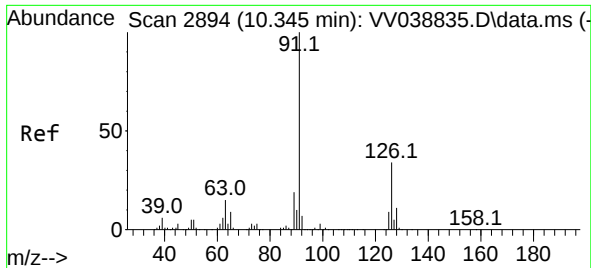
Tgt Ion:156 Resp: 3754
Ion Ratio Lower Upper
156 100
77 152.0 77.0 230.8
158 91.8 48.8 146.3



#78
n-propylbenzene
Concen: 0.607 ug/l
RT: 10.287 min Scan# 2876
Delta R.T. 0.010 min
Lab File: VV038858.D
Acq: 03 Jul 2025 13:52

Tgt Ion: 91 Resp: 14777
Ion Ratio Lower Upper
91 100
120 22.0 11.7 35.0

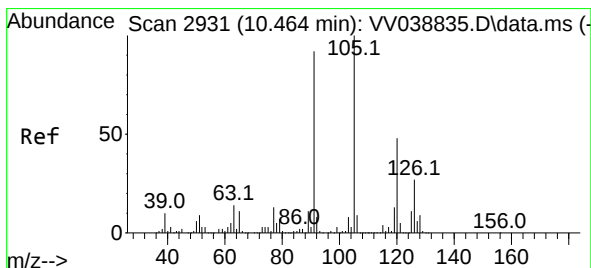
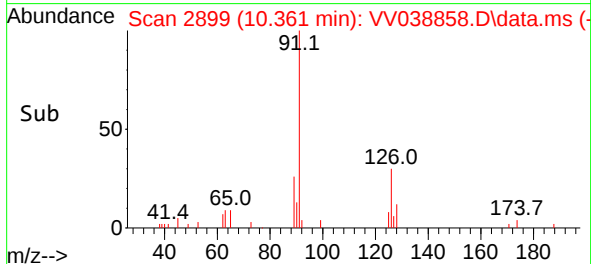
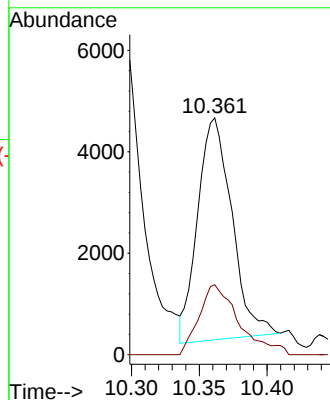
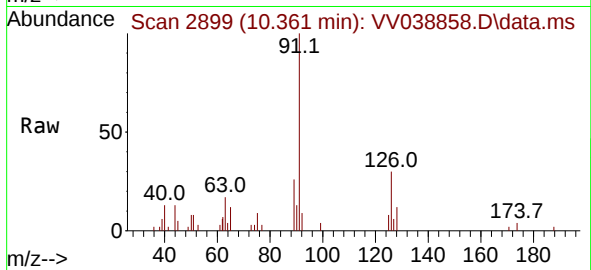




#79
2-Chlorotoluene
Concen: 0.521 ug/l
RT: 10.361 min Scan# 2899
Delta R.T. 0.016 min
Lab File: VV038858.D
Acq: 03 Jul 2025 13:52

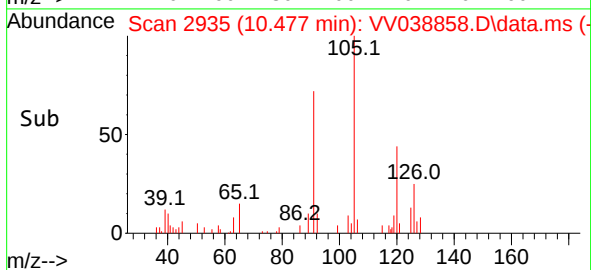
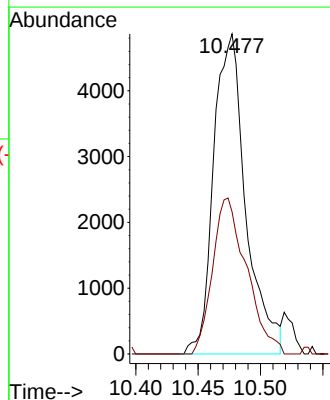
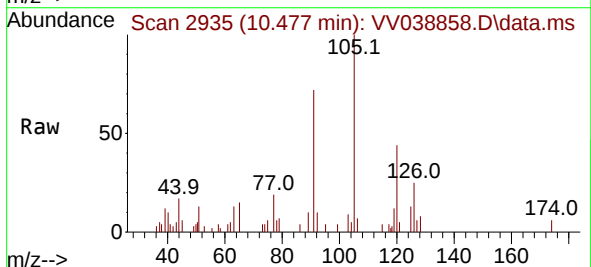
Instrument :
MSVOA_V
ClientSampleId :
MDL01

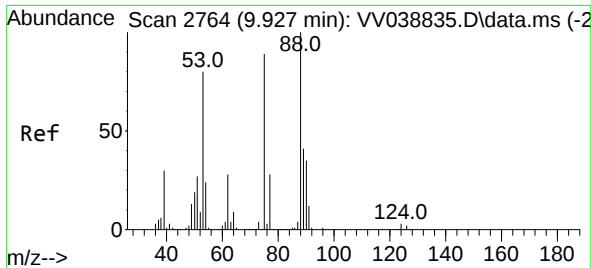
Tgt Ion: 91 Resp: 7710
Ion Ratio Lower Upper
91 100
126 36.6 17.1 51.3



#80
1,3,5-Trimethylbenzene
Concen: 0.499 ug/l
RT: 10.477 min Scan# 2935
Delta R.T. 0.013 min
Lab File: VV038858.D
Acq: 03 Jul 2025 13:52

Tgt Ion: 105 Resp: 8732
Ion Ratio Lower Upper
105 100
120 51.4 23.9 71.7

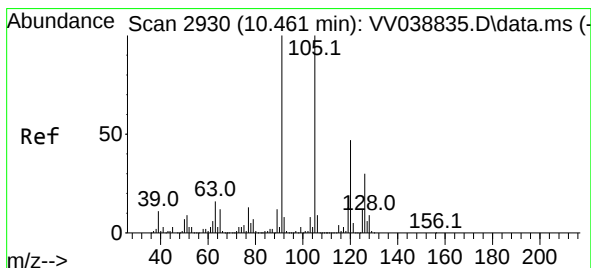
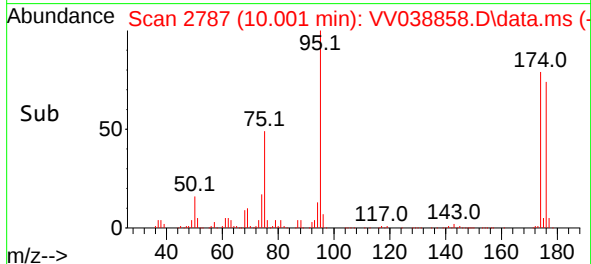
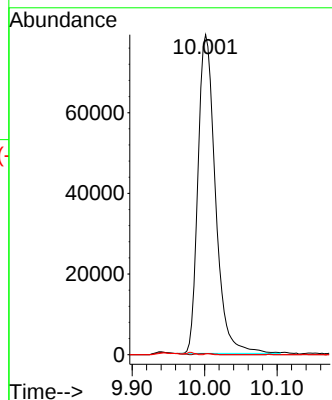
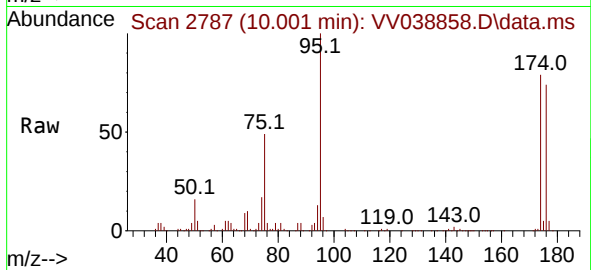




#81
trans-1,4-Dichloro-2-butene
Concen: 52.148 ug/l
RT: 10.001 min Scan# 21
Delta R.T. 0.074 min
Lab File: VV038858.D
Acq: 03 Jul 2025 13:52

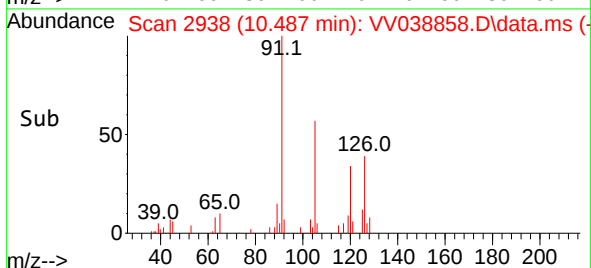
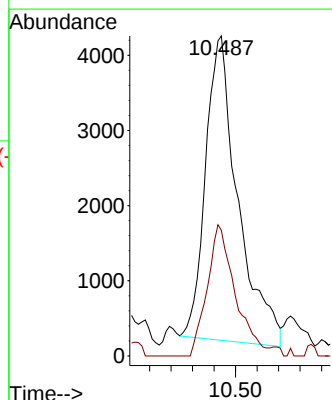
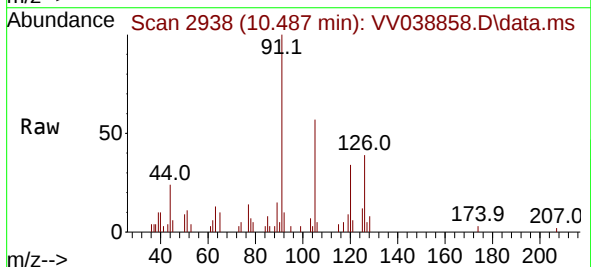
Instrument :
MSVOA_V
ClientSampleId :
MDL01

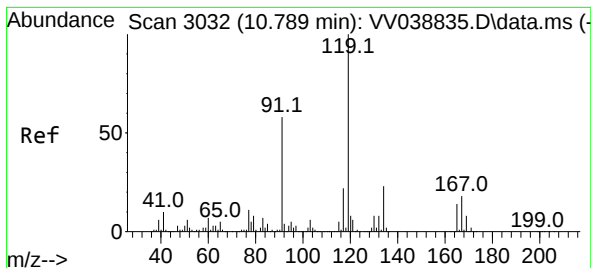
Tgt Ion: 75 Resp: 132174
Ion Ratio Lower Upper
75 100
53 0.3 71.2 106.8#
89 0.1 44.6 66.8#



#82
4-Chlorotoluene
Concen: 0.495 ug/l
RT: 10.487 min Scan# 2938
Delta R.T. 0.026 min
Lab File: VV038858.D
Acq: 03 Jul 2025 13:52

Tgt Ion: 91 Resp: 8443
Ion Ratio Lower Upper
91 100
126 37.3 14.8 44.3





#83

tert-Butylbenzene

Concen: 0.581 ug/l

RT: 10.792 min Scan# 3033

Delta R.T. 0.003 min

Lab File: VV038858.D

Acq: 03 Jul 2025 13:52

Instrument :

MSVOA_V

ClientSampleId :

MDL01

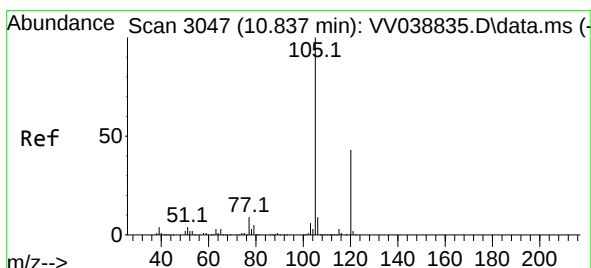
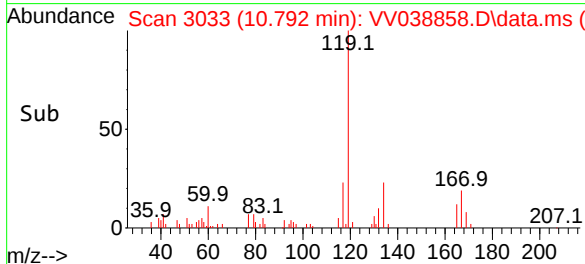
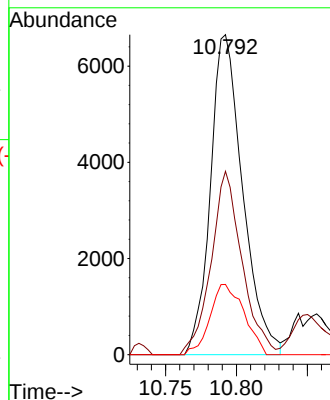
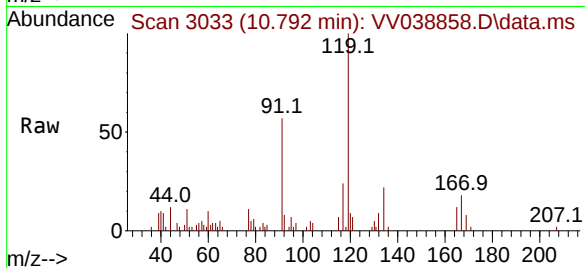
Tgt Ion:119 Resp: 10546

Ion Ratio Lower Upper

119 100

91 54.8 28.5 85.5

134 23.2 11.5 34.4



#84

1,2,4-Trimethylbenzene

Concen: 0.493 ug/l

RT: 10.857 min Scan# 3053

Delta R.T. 0.019 min

Lab File: VV038858.D

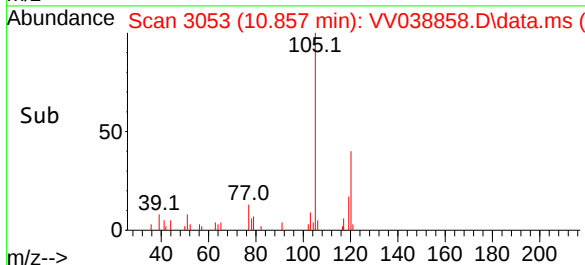
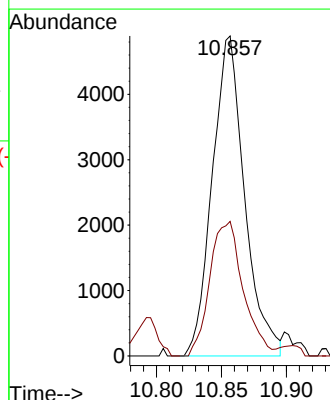
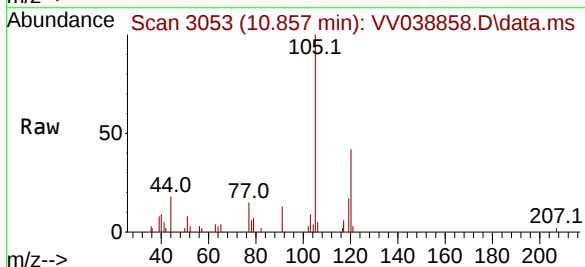
Acq: 03 Jul 2025 13:52

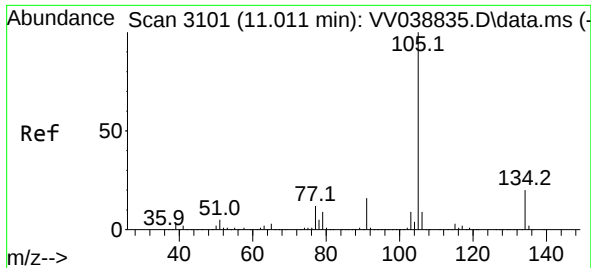
Tgt Ion:105 Resp: 8454

Ion Ratio Lower Upper

105 100

120 43.4 22.7 68.0

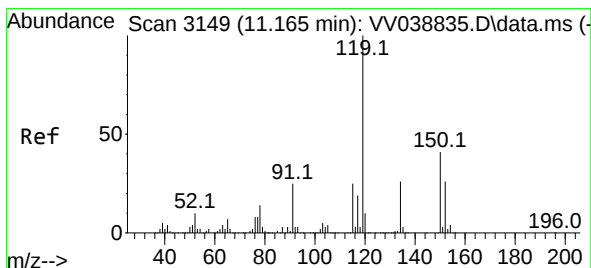
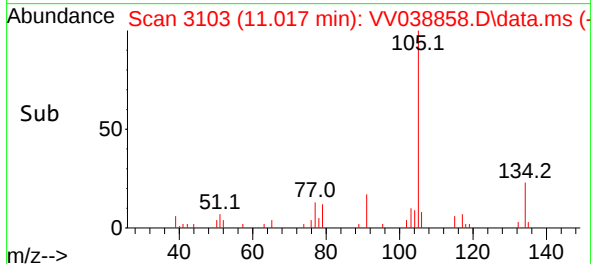
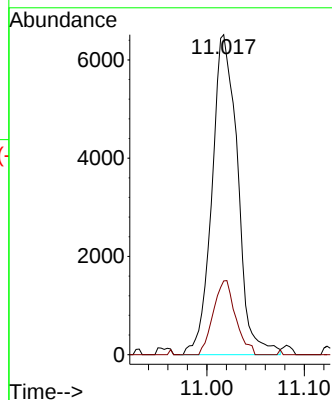
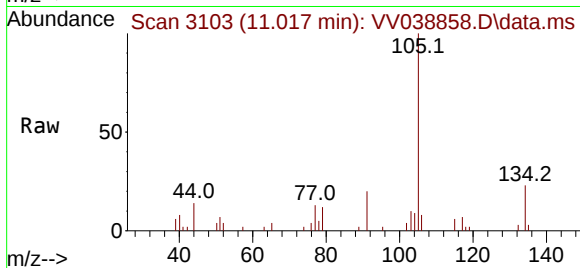




#85
 sec-Butylbenzene
 Concen: 0.516 ug/l
 RT: 11.017 min Scan# 3101
 Delta R.T. 0.006 min
 Lab File: VV038858.D
 Acq: 03 Jul 2025 13:52

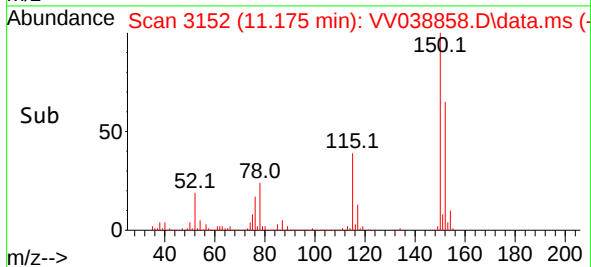
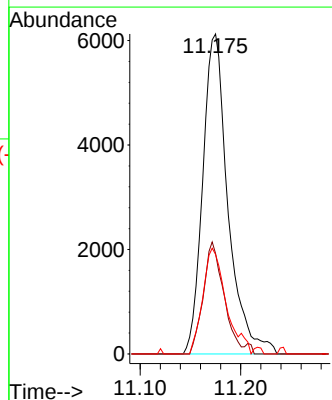
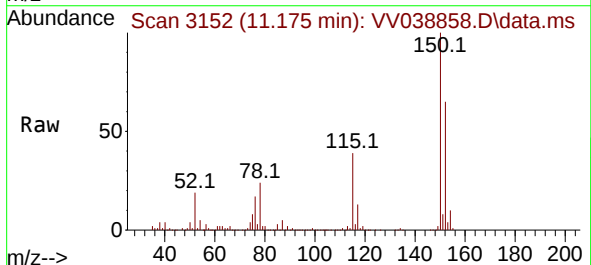
Instrument :
 MSVOA_V
 ClientSampleId :
 MDL01

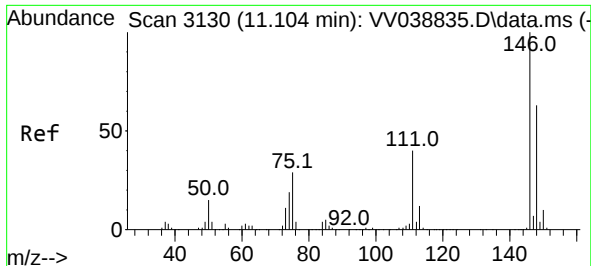
Tgt Ion:105 Resp: 11919
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.0 30.0



#86
 p-Isopropyltoluene
 Concen: 0.540 ug/l
 RT: 11.175 min Scan# 3152
 Delta R.T. 0.010 min
 Lab File: VV038858.D
 Acq: 03 Jul 2025 13:52

Tgt Ion:119 Resp: 10688
 Ion Ratio Lower Upper
 119 100
 134 28.4 13.0 39.0
 91 30.4 12.4 37.0

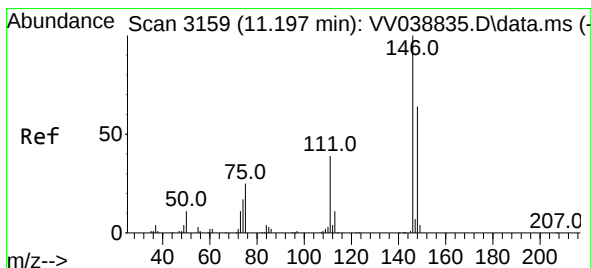
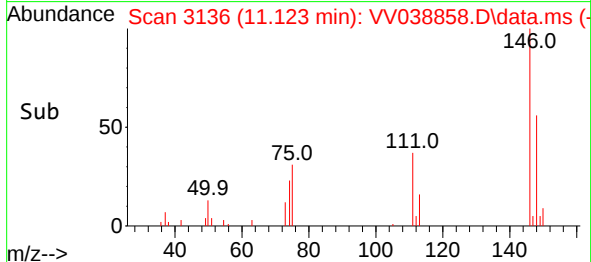
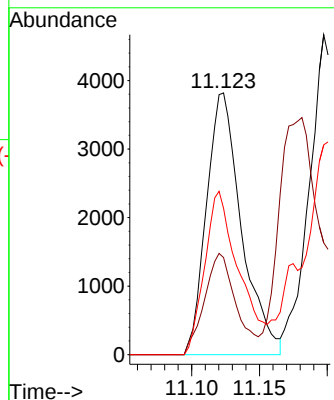
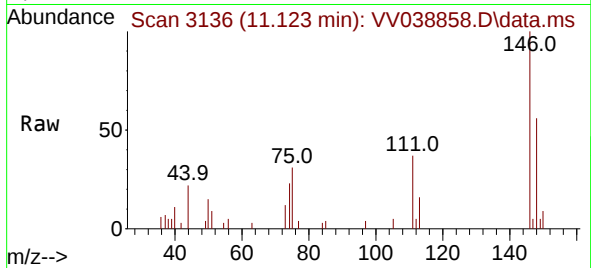




#87
1,3-Dichlorobenzene
Concen: 0.640 ug/l
RT: 11.123 min Scan# 3136
Delta R.T. 0.019 min
Lab File: VV038858.D
Acq: 03 Jul 2025 13:52

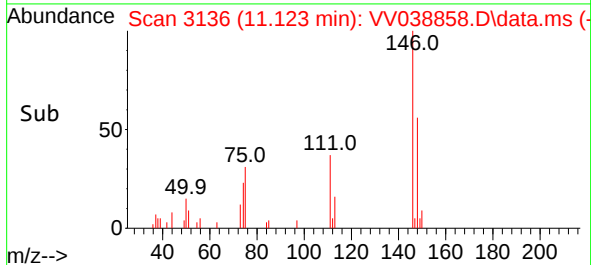
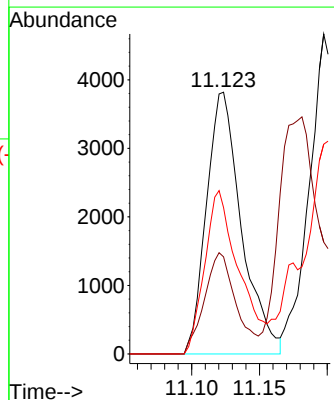
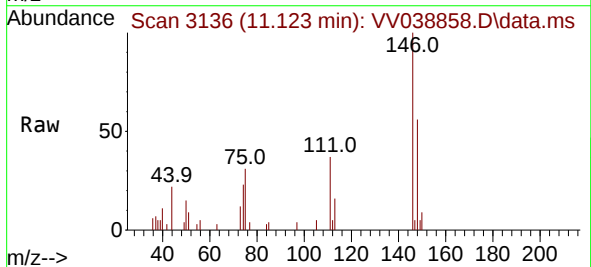
Instrument :
MSVOA_V
ClientSampleId :
MDL01

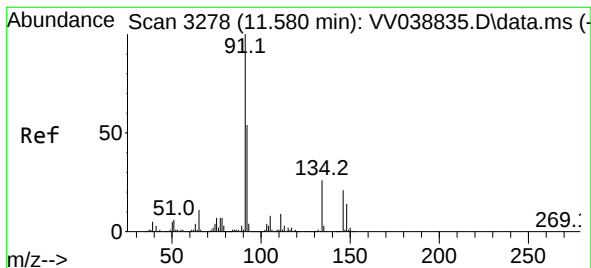
Tgt Ion:146 Resp: 6866
Ion Ratio Lower Upper
146 100
111 35.0 20.2 60.6
148 61.7 31.3 93.8



#88
1,4-Dichlorobenzene
Concen: 0.607 ug/l
RT: 11.123 min Scan# 3136
Delta R.T. -0.074 min
Lab File: VV038858.D
Acq: 03 Jul 2025 13:52

Tgt Ion:146 Resp: 6866
Ion Ratio Lower Upper
146 100
111 35.0 19.8 59.3
148 61.7 32.0 96.2





#89

n-Butylbenzene

Concen: 0.474 ug/l

RT: 11.590 min Scan# 3281

Delta R.T. 0.010 min

Lab File: VV038858.D

Acq: 03 Jul 2025 13:52

Instrument :

MSVOA_V

ClientSampleId :

MDL01

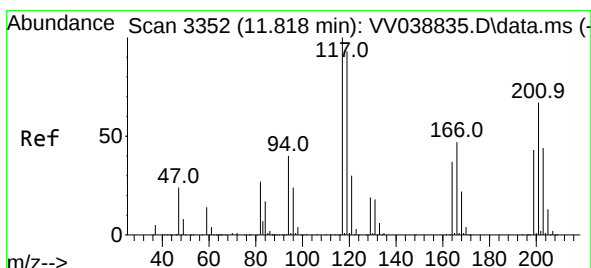
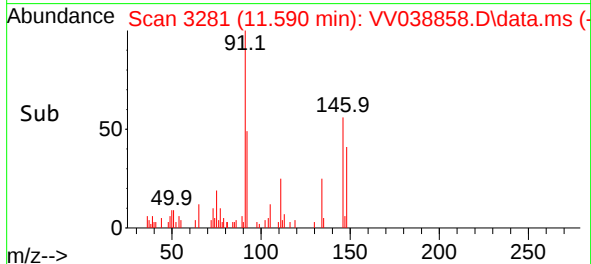
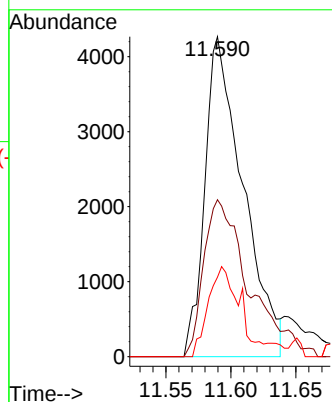
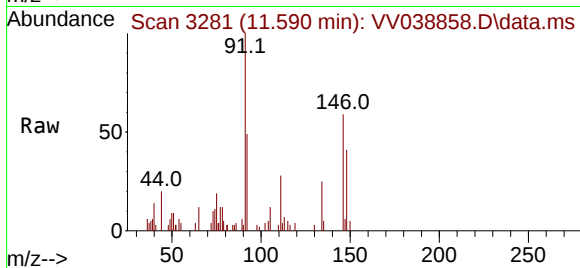
Tgt Ion: 91 Resp: 8711

Ion Ratio Lower Upper

91 100

92 58.5 26.7 80.0

134 25.0 12.9 38.7



#90

Hexachloroethane

Concen: 0.654 ug/l

RT: 11.824 min Scan# 3354

Delta R.T. 0.006 min

Lab File: VV038858.D

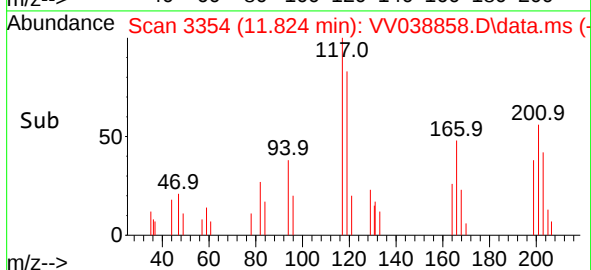
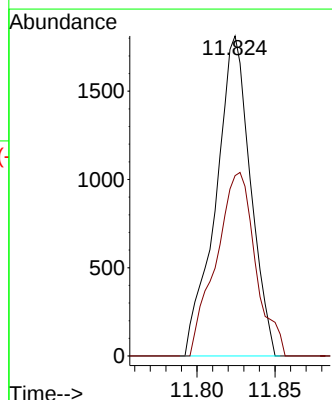
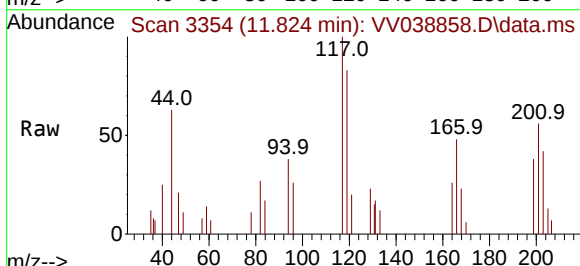
Acq: 03 Jul 2025 13:52

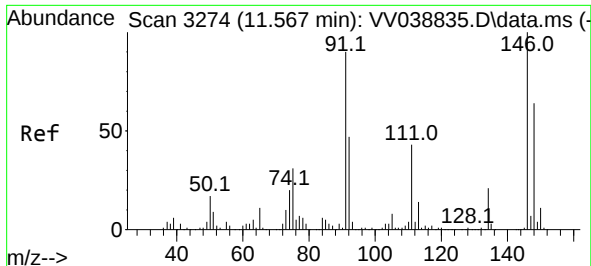
Tgt Ion: 117 Resp: 2810

Ion Ratio Lower Upper

117 100

201 65.1 34.4 103.1

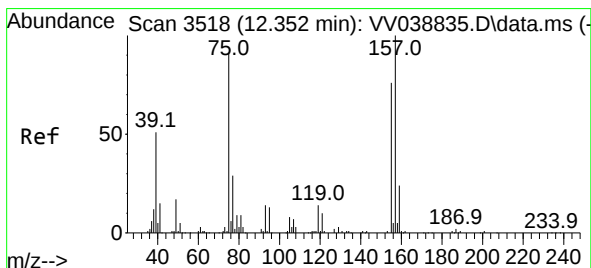
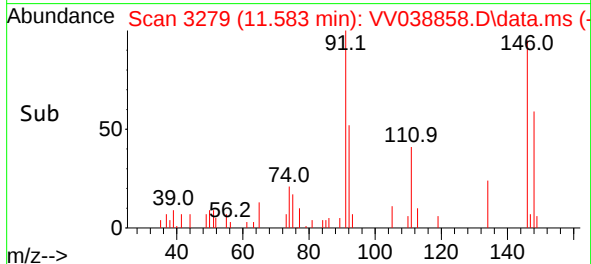
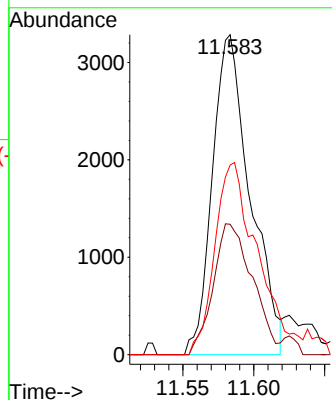
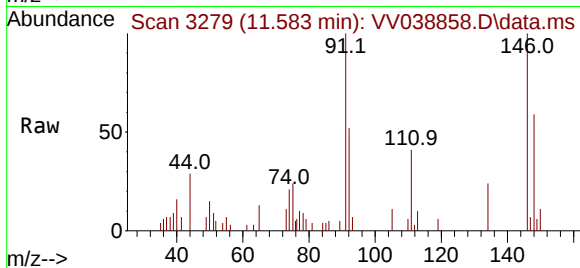




#91
1,2-Dichlorobenzene
Concen: 0.604 ug/l
RT: 11.583 min Scan# 311
Delta R.T. 0.016 min
Lab File: VV038858.D
Acq: 03 Jul 2025 13:52

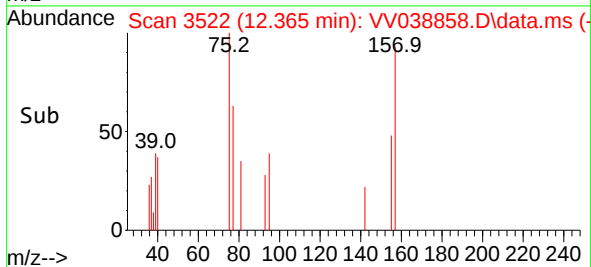
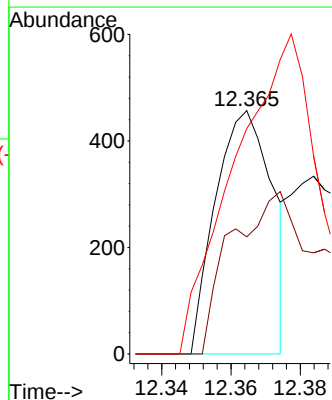
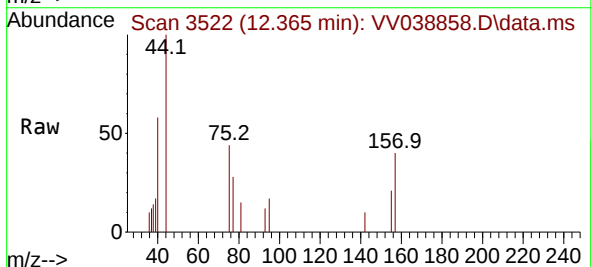
Instrument :
MSVOA_V
ClientSampleId :
MDL01

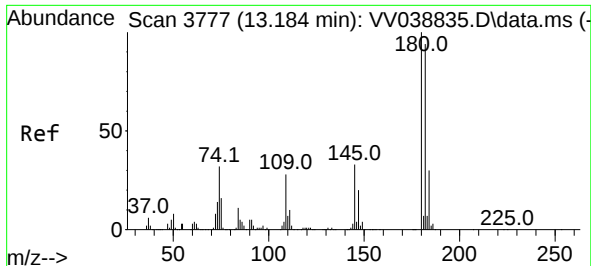
Tgt Ion:146 Resp: 6107
Ion Ratio Lower Upper
146 100
111 42.5 21.3 63.7
148 67.7 32.0 96.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.332 ug/l
RT: 12.365 min Scan# 3522
Delta R.T. 0.013 min
Lab File: VV038858.D
Acq: 03 Jul 2025 13:52

Tgt Ion: 75 Resp: 521
Ion Ratio Lower Upper
75 100
155 108.4 43.2 129.6
157 192.3 54.9 164.5#

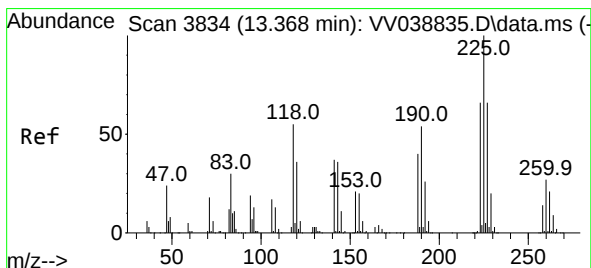
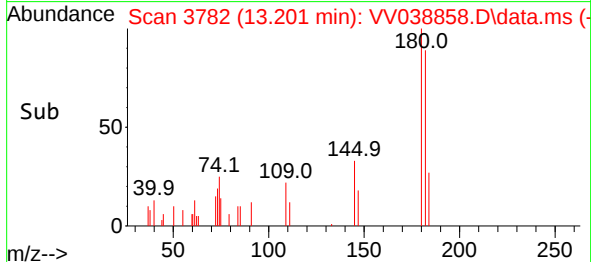
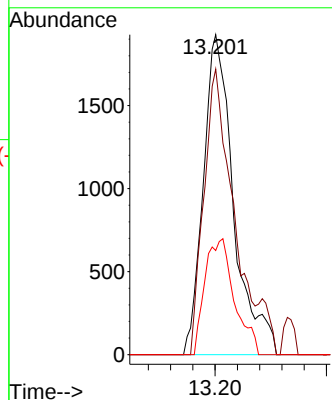
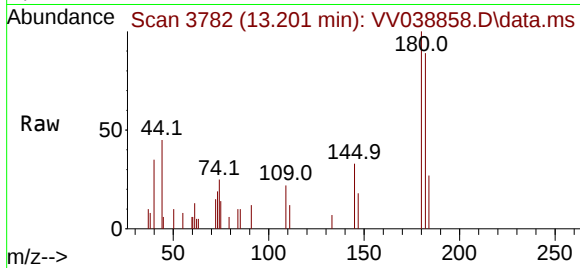




#93
1,2,4-Trichlorobenzene
Concen: 0.556 ug/l
RT: 13.201 min Scan# 3777
Delta R.T. 0.016 min
Lab File: VV038858.D
Acq: 03 Jul 2025 13:52

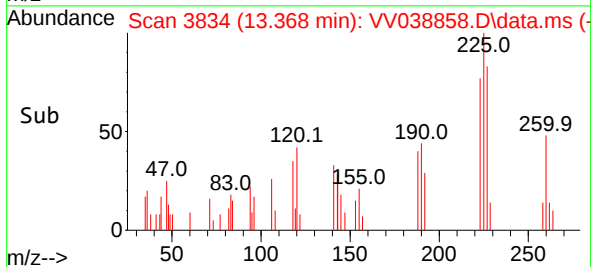
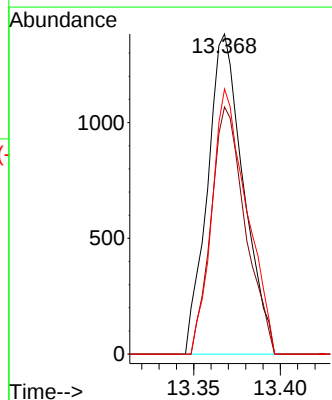
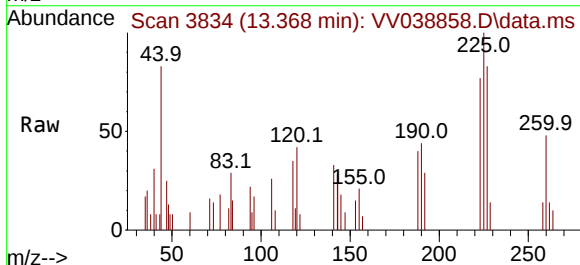
Instrument :
MSVOA_V
ClientSampleId :
MDL01

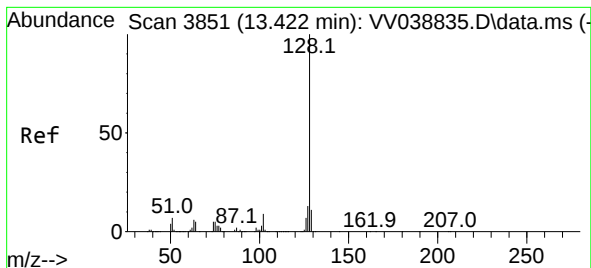
Tgt Ion:180 Resp: 3644
Ion Ratio Lower Upper
180 100
182 84.1 47.6 142.8
145 35.2 16.4 49.1



#94
Hexachlorobutadiene
Concen: 0.631 ug/l
RT: 13.368 min Scan# 3834
Delta R.T. -0.000 min
Lab File: VV038858.D
Acq: 03 Jul 2025 13:52

Tgt Ion:225 Resp: 1997
Ion Ratio Lower Upper
225 100
223 73.4 33.2 99.6
227 80.4 32.3 96.8





#95

Naphthalene

Concen: 0.407 ug/l

RT: 13.448 min Scan# 3930

Delta R.T. 0.026 min

Lab File: VV038858.D

Acq: 03 Jul 2025 13:52

Instrument :

MSVOA_V

ClientSampleId :

MDL01

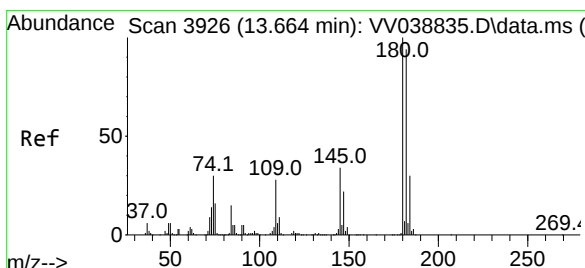
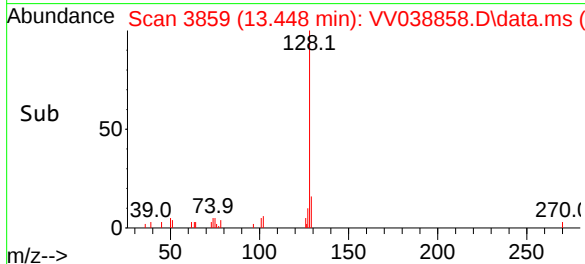
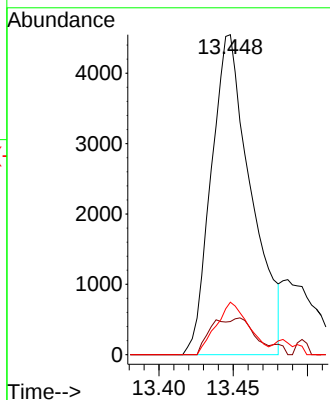
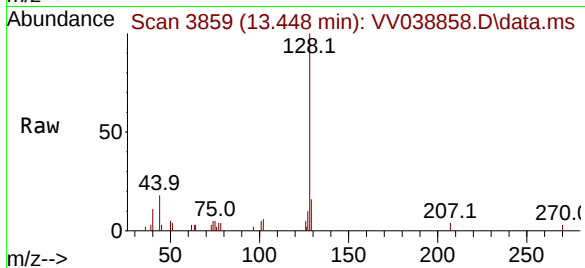
Tgt Ion:128 Resp: 8484

Ion Ratio Lower Upper

128 100

127 5.2 10.2 15.4#

129 13.5 8.6 13.0#



#96

1,2,3-Trichlorobenzene

Concen: 0.549 ug/l

RT: 13.676 min Scan# 3930

Delta R.T. 0.013 min

Lab File: VV038858.D

Acq: 03 Jul 2025 13:52

Tgt Ion:180 Resp: 3714

Ion Ratio Lower Upper

180 100

182 99.7 47.3 141.9

145 19.8 17.1 51.2

