

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VW071625\
 Data File : VW038910.D
 Acq On : 16 Jul 2025 16:03
 Operator : SY/MD
 Sample : MDL03
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL03

Quant Time: Jul 17 06:19:28 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V071125W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 17 06:08:37 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	4.600	168	506330	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	893563	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	808974	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.175	152	345301	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.944	65	339094	54.812	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	= 109.620%	
35) Dibromofluoromethane	4.500	113	284446	46.689	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	= 93.380%	
50) Toluene-d8	7.236	98	949516	51.561	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	= 103.120%	
62) 4-Bromofluorobenzene	10.001	95	339464	45.760	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	= 91.520%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.121	85	2133	0.479	ug/l	98
3) Chloromethane	1.230	50	2819	0.587	ug/l	100
4) Vinyl Chloride	1.294	62	2787	0.507	ug/l	90
5) Bromomethane	1.494	94	3944	0.957	ug/l	95
6) Chloroethane	1.558	64	2186	0.595	ug/l #	83
7) Trichlorofluoromethane	1.722	101	4398	0.452	ug/l	96
8) Diethyl Ether	1.925	74	1751	0.500	ug/l	78
9) 1,1,2-Trichlorotrifluo...	2.079	101	2596	0.446	ug/l	97
10) Methyl Iodide	2.191	142	1474	0.221	ug/l #	30
11) Tert butyl alcohol	2.584	59	3992	2.803	ug/l #	91
12) 1,1-Dichloroethene	2.082	96	3073	0.580	ug/l	92
13) Acrolein	2.018	56	698	3.389	ug/l	97
14) Allyl chloride	2.362	41	5292	0.627	ug/l #	76
15) Acrylonitrile	2.680	53	8831	2.423	ug/l	98
16) Acetone	2.127	43	8226	3.073	ug/l	94
17) Carbon Disulfide	2.256	76	7708	0.697	ug/l #	76
18) Methyl Acetate	2.388	43	4400	0.486	ug/l	96
19) Methyl tert-butyl Ether	2.716	73	9512	0.479	ug/l	94
20) Methylene Chloride	2.455	84	4242	0.625	ug/l #	91
21) trans-1,2-Dichloroethene	2.699	96	1034	0.183	ug/l #	63
22) Diisopropyl ether	3.220	45	6764	0.401	ug/l #	62
23) Vinyl Acetate	3.204	43	23245	1.757	ug/l	94
24) 1,1-Dichloroethane	3.121	63	5195	0.470	ug/l #	79
25) 2-Butanone	3.847	43	73	0.019	ug/l #	45
26) 2,2-Dichloropropane	3.799	77	1481	0.153	ug/l	79
27) cis-1,2-Dichloroethene	3.838	96	2390	0.369	ug/l	62
28) Bromochloromethane	4.169	49	3263	0.763	ug/l	99
29) Tetrahydrofuran	4.265	42	4700	1.859	ug/l #	86
30) Chloroform	4.291	83	6189	0.508	ug/l	95
31) Cyclohexane	4.593	56	13216	1.822	ug/l #	9
32) 1,1,1-Trichloroethane	4.519	97	5033	0.473	ug/l #	38
36) 1,1-Dichloropropene	4.597	75	40099	5.727	ug/l #	51
37) Ethyl Acetate	3.950	43	774	0.094	ug/l #	68
38) Carbon Tetrachloride	4.600	117	54968	5.910	ug/l #	17
39) Methylcyclohexane	6.047	83	4355	0.527	ug/l #	85
40) Benzene	5.034	78	10474	0.441	ug/l	99

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 Quant Title : SW846 8260
 QLast Update : Thu Jul 17 06:08:37 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.146	41	95	0.025	ug/l #	16
42) 1,2-Dichloroethane	5.060	62	3638	0.402	ug/l	98
43) Isopropyl Acetate	5.162	43	45	0.003	ug/l #	58
44) Trichloroethene	5.857	130	1740	0.281	ug/l	83
45) 1,2-Dichloropropane	6.111	63	1879	0.300	ug/l	96
46) Dibromomethane	6.252	93	1330	0.274	ug/l #	66
47) Bromodichloromethane	6.442	83	4178	0.406	ug/l	87
48) Methyl methacrylate	6.310	41	127	0.022	ug/l #	17
49) 1,4-Dioxane	6.317	88	40	0.328	ug/l #	1
51) 4-Methyl-2-Pentanone	7.166	43	12645	1.424	ug/l	96
52) Toluene	7.330	92	5475	0.366	ug/l #	62
53) t-1,3-Dichloropropene	7.609	75	2068	0.222	ug/l #	77
54) cis-1,3-Dichloropropene	6.979	75	3517	0.349	ug/l	89
55) 1,1,2-Trichloroethane	7.786	97	2259	0.316	ug/l #	80
56) Ethyl methacrylate	7.744	69	205	0.024	ug/l #	82
57) 1,3-Dichloropropane	7.963	76	4028	0.376	ug/l #	71
58) 2-Chloroethyl Vinyl ether	6.863	63	4095	0.799	ug/l	91
59) 2-Hexanone	8.227	43	298	0.045	ug/l	89
60) Dibromochloromethane	8.182	129	3142	0.373	ug/l	92
61) 1,2-Dibromoethane	8.297	107	2450	0.340	ug/l	97
64) Tetrachloroethene	7.908	164	2664	0.502	ug/l	86
65) Chlorobenzene	8.812	112	8527	0.482	ug/l	89
66) 1,1,1,2-Tetrachloroethane	8.905	131	3040	0.431	ug/l #	64
67) Ethyl Benzene	8.953	91	9144	0.348	ug/l	92
68) m/p-Xylenes	9.079	106	6998	0.685	ug/l	99
69) o-Xylene	9.481	106	3476	0.360	ug/l	92
70) Styrene	9.490	104	471	0.028	ug/l #	51
71) Bromoform	9.664	173	2365	0.413	ug/l #	83
73) Isopropylbenzene	9.866	105	9450	0.458	ug/l	93
74) N-amyl acetate	9.757	43	943	0.125	ug/l #	47
75) 1,1,2,2-Tetrachloroethane	10.175	83	4620	0.535	ug/l	96
76) 1,2,3-Trichloropropane	10.001	75	172730	26.905	ug/l #	42
77) Bromobenzene	10.162	156	2754	0.509	ug/l	92
78) n-propylbenzene	10.291	91	11530	0.478	ug/l	99
79) 2-Chlorotoluene	10.358	91	6793	0.443	ug/l	89
80) 1,3,5-Trimethylbenzene	10.474	105	7886	0.453	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.001	75	172730	65.656	ug/l #	13
82) 4-Chlorotoluene	10.481	91	7309	0.426	ug/l	95
83) tert-Butylbenzene	10.792	119	8331	0.457	ug/l	95
84) 1,2,4-Trimethylbenzene	10.850	105	7540	0.440	ug/l	99
85) sec-Butylbenzene	11.017	105	10125	0.435	ug/l	98
86) p-Isopropyltoluene	11.175	119	9034	0.457	ug/l #	83
87) 1,3-Dichlorobenzene	11.120	146	5576	0.505	ug/l	88
88) 1,4-Dichlorobenzene	11.120	146	5576	0.464	ug/l	89
89) n-Butylbenzene	11.596	91	7064	0.391	ug/l	99
90) Hexachloroethane	11.825	117	2278	0.485	ug/l	95
91) 1,2-Dichlorobenzene	11.580	146	4997	0.466	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.374	75	530	0.271	ug/l	88
93) 1,2,4-Trichlorobenzene	13.204	180	3156	0.499	ug/l	94
94) Hexachlorobutadiene	13.368	225	1526	0.468	ug/l	79
95) Naphthalene	13.451	128	8567	0.412	ug/l #	95
96) 1,2,3-Trichlorobenzene	13.680	180	3284	0.501	ug/l	86

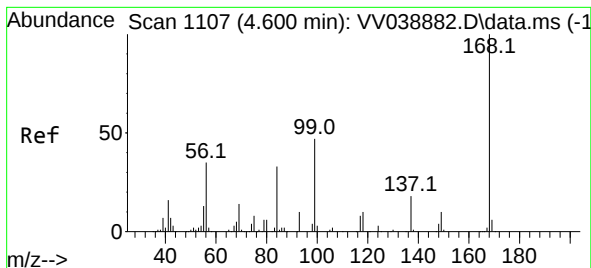
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Quant Title : SW846 8260
QLast Update : Thu Jul 17 06:08:37 2025
Response via : Initial Calibration

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.600 min Scan# 11

Delta R.T. -0.000 min

Lab File: VV038910.D

Acq: 16 Jul 2025 16:03

Instrument :

MSVOA_V

ClientSampleId :

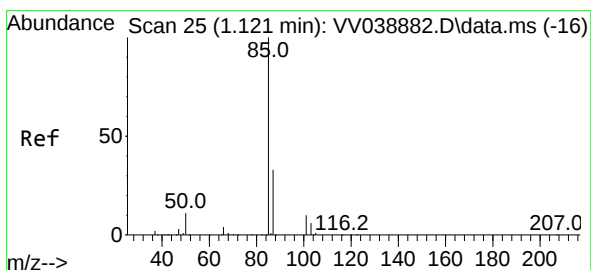
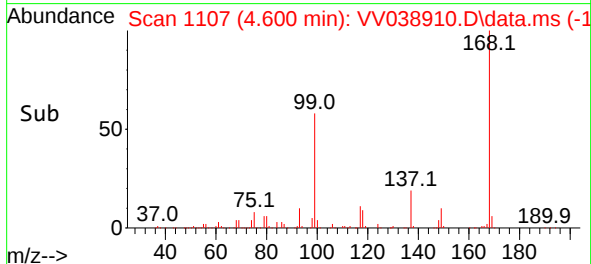
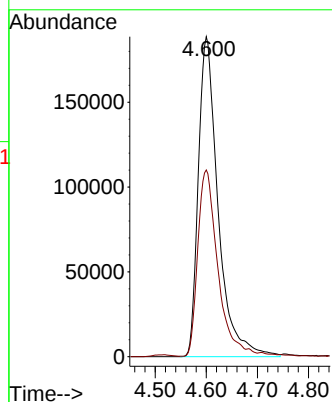
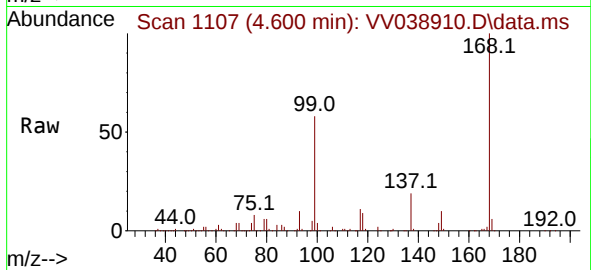
MDL03

Tgt Ion:168 Resp: 506330

Ion Ratio Lower Upper

168 100

99 58.2 48.6 73.0



#2

Dichlorodifluoromethane

Concen: 0.479 ug/l

RT: 1.121 min Scan# 25

Delta R.T. 0.000 min

Lab File: VV038910.D

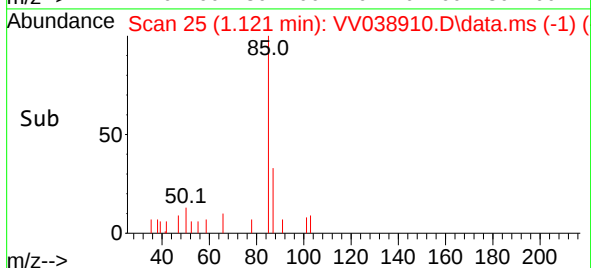
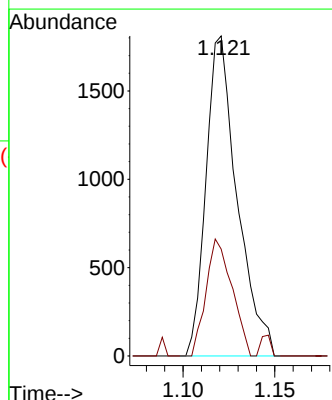
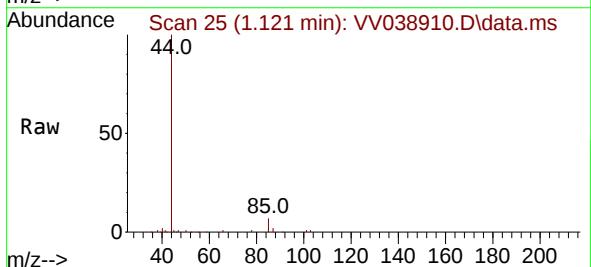
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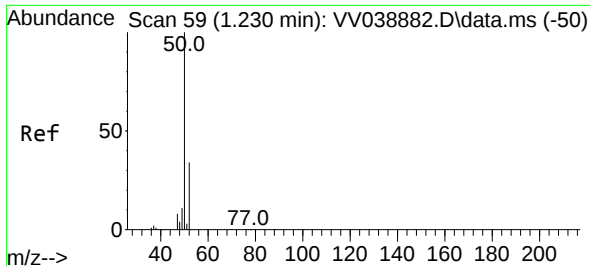
Tgt Ion: 85 Resp: 2133

Ion Ratio Lower Upper

85 100

87 33.4 16.3 48.8

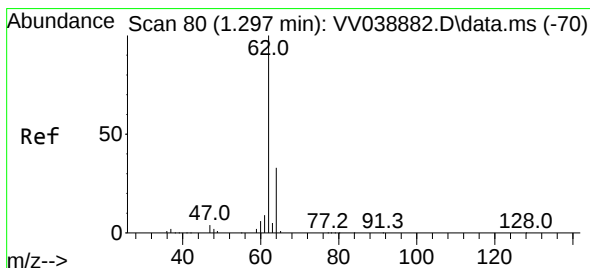
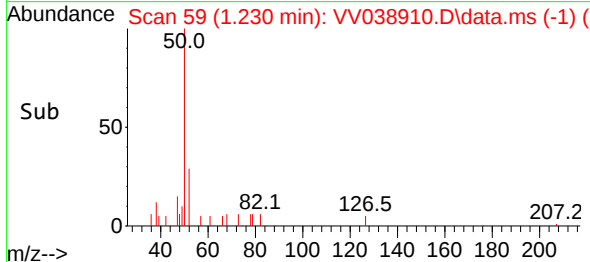
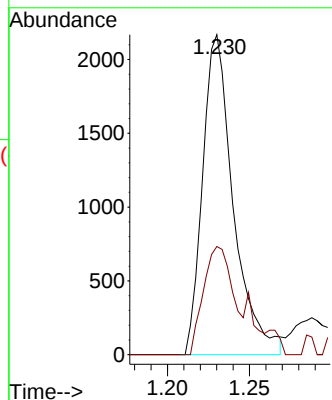
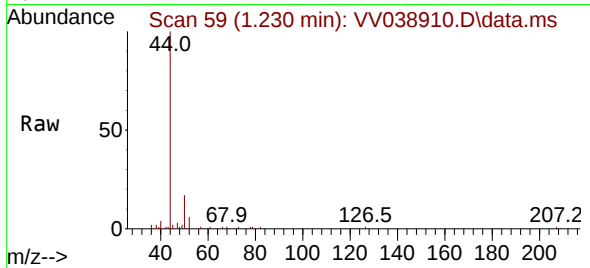




#3
Chloromethane
Concen: 0.587 ug/l
RT: 1.230 min Scan# 59
Delta R.T. 0.000 min
Lab File: VV038910.D
Acq: 16 Jul 2025 16:03

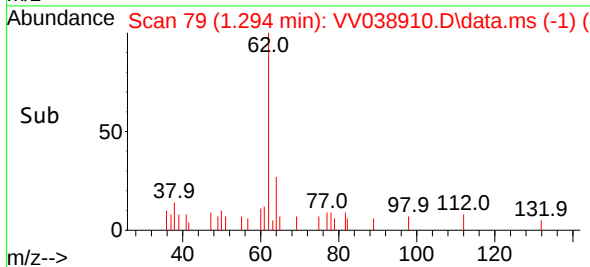
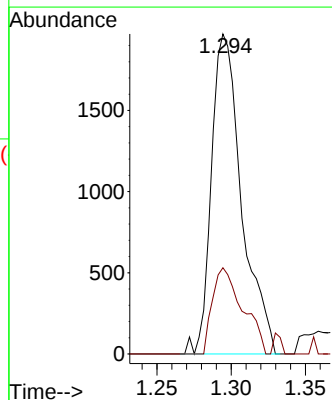
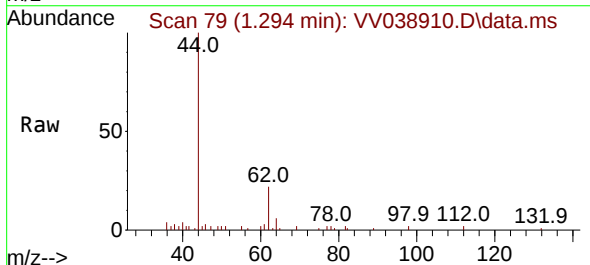
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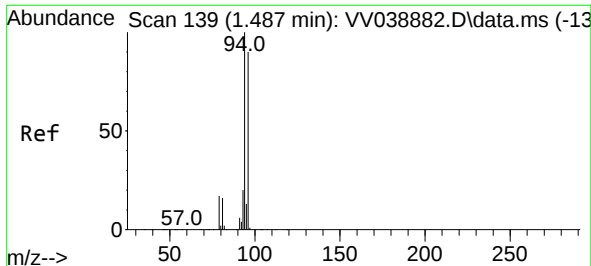
Tgt Ion: 50 Resp: 2819
Ion Ratio Lower Upper
50 100
52 33.8 26.9 40.3



#4
Vinyl Chloride
Concen: 0.507 ug/l
RT: 1.294 min Scan# 79
Delta R.T. -0.003 min
Lab File: VV038910.D
Acq: 16 Jul 2025 16:03

Tgt Ion: 62 Resp: 2787
Ion Ratio Lower Upper
62 100
64 26.9 26.2 39.2

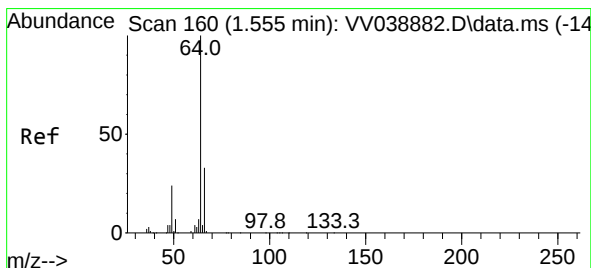
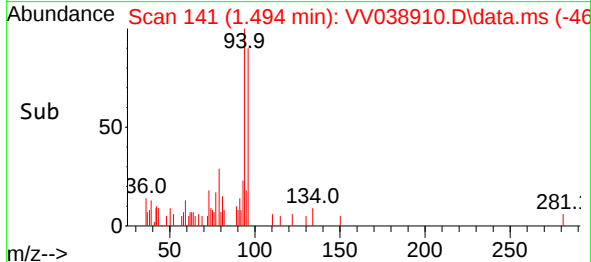
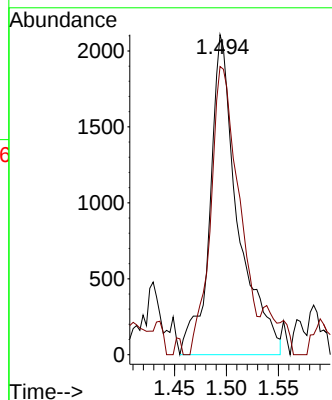
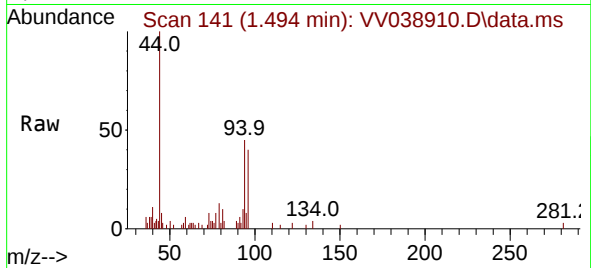




#5
Bromomethane
Concen: 0.957 ug/l
RT: 1.494 min Scan# 141
Delta R.T. 0.007 min
Lab File: VV038910.D
Acq: 16 Jul 2025 16:03

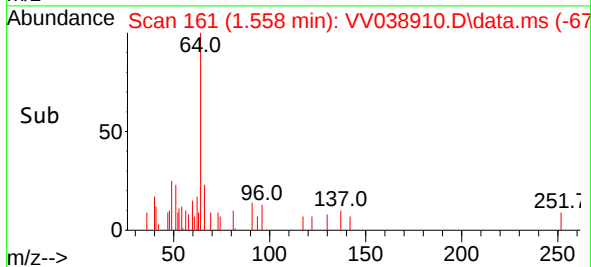
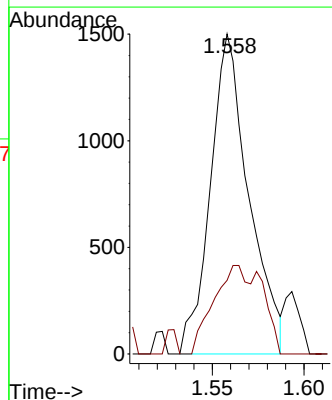
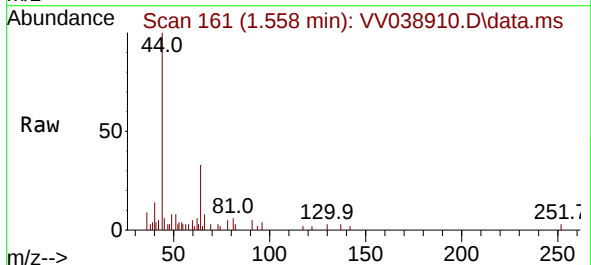
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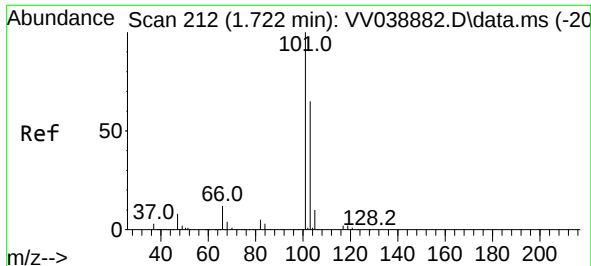
Tgt Ion: 94 Resp: 3944
Ion Ratio Lower Upper
94 100
96 85.1 71.9 107.9



#6
Chloroethane
Concen: 0.595 ug/l
RT: 1.558 min Scan# 161
Delta R.T. 0.003 min
Lab File: VV038910.D
Acq: 16 Jul 2025 16:03

Tgt Ion: 64 Resp: 2186
Ion Ratio Lower Upper
64 100
66 23.0 26.2 39.2#

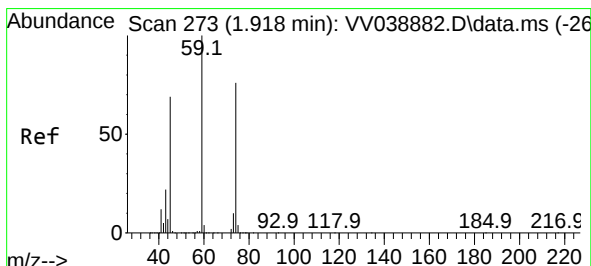
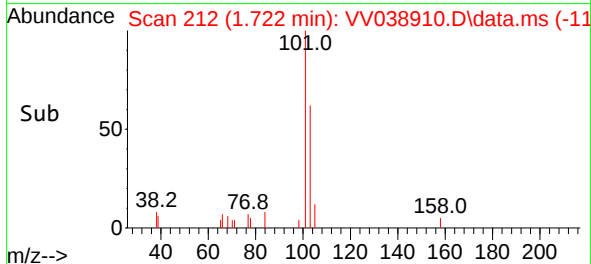
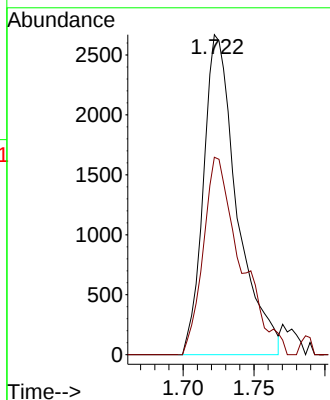
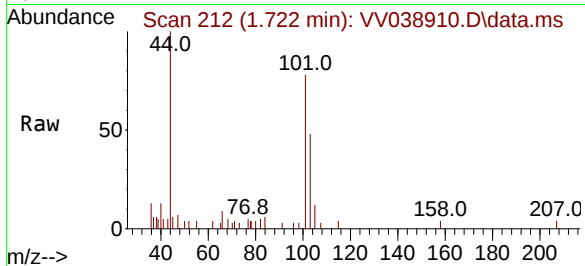




#7
 Trichlorofluoromethane
 Concen: 0.452 ug/l
 RT: 1.722 min Scan# 212
 Delta R.T. 0.000 min
 Lab File: VV038910.D
 Acq: 16 Jul 2025 16:03

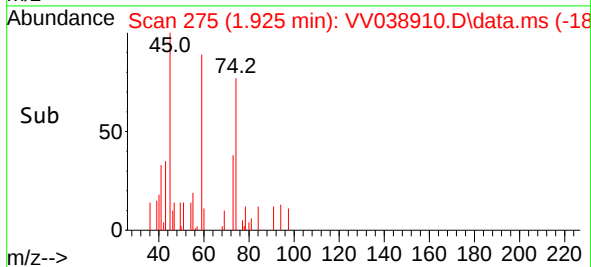
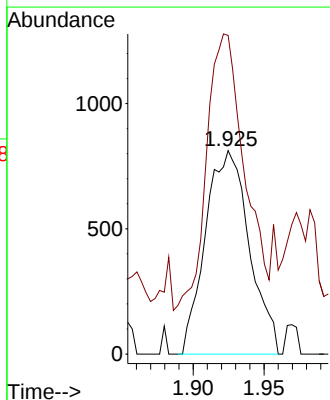
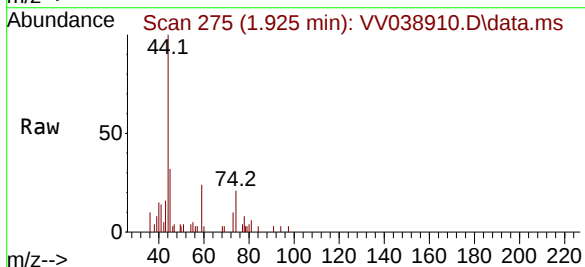
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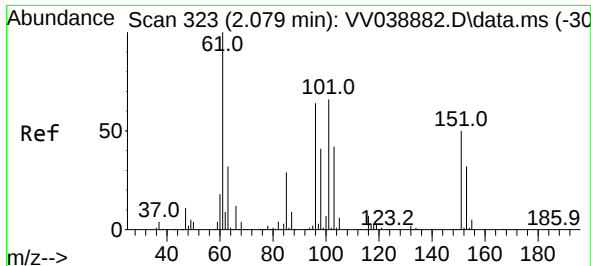
Tgt Ion:101 Resp: 4398
 Ion Ratio Lower Upper
 101 100
 103 61.7 51.8 77.6



#8
 Diethyl Ether
 Concen: 0.500 ug/l
 RT: 1.925 min Scan# 275
 Delta R.T. 0.007 min
 Lab File: VV038910.D
 Acq: 16 Jul 2025 16:03

Tgt Ion: 74 Resp: 1751
 Ion Ratio Lower Upper
 74 100
 45 112.0 45.5 136.5

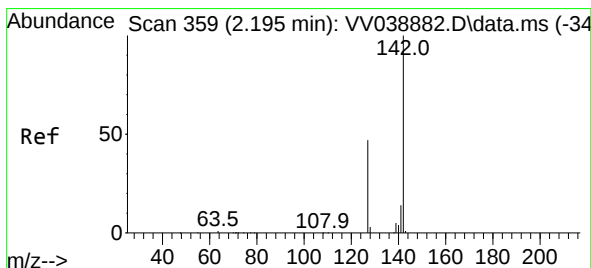
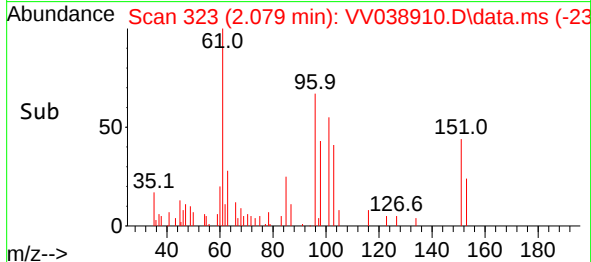
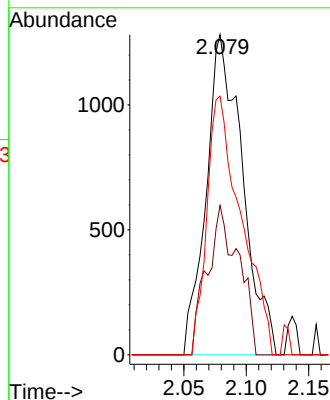
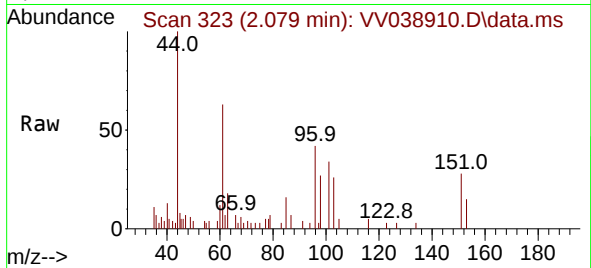




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.446 ug/l
RT: 2.079 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV038910.D
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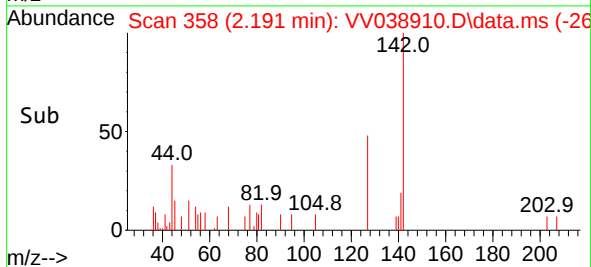
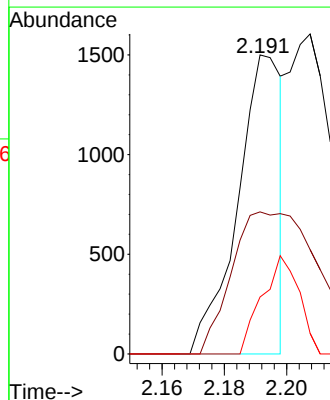
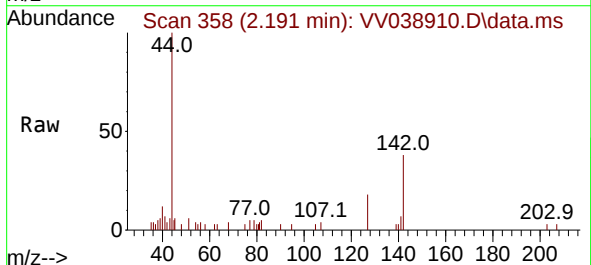
Instrument :
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ClientSampleId :
MDL03

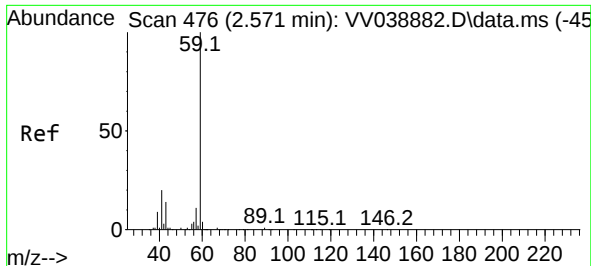
Tgt Ion:101 Resp: 2596
Ion Ratio Lower Upper
101 100
85 40.4 35.0 52.6
151 76.0 60.1 90.1



#10
Methyl Iodide
Concen: 0.221 ug/l
RT: 2.191 min Scan# 358
Delta R.T. -0.003 min
Lab File: VV038910.D
Acq: 16 Jul 2025 16:03

Tgt Ion:142 Resp: 1474
Ion Ratio Lower Upper
142 100
127 100.1 37.3 55.9#
141 27.5 11.2 16.8#

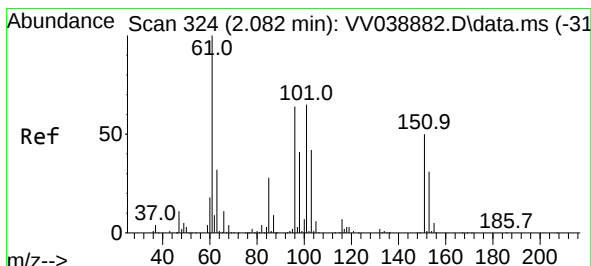
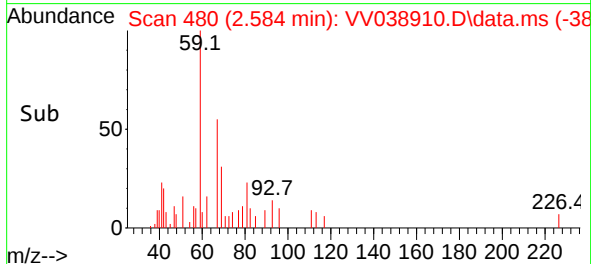
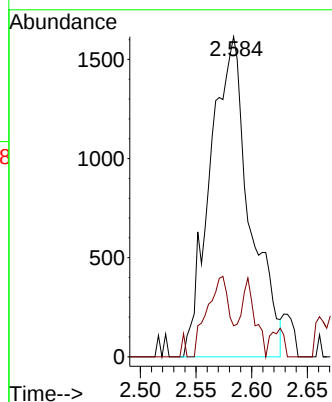
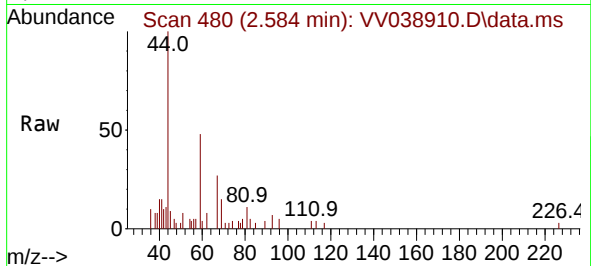




#11
Tert butyl alcohol
Concen: 2.803 ug/l
RT: 2.584 min Scan# 41
Delta R.T. 0.013 min
Lab File: VV038910.D
Acq: 16 Jul 2025 16:03

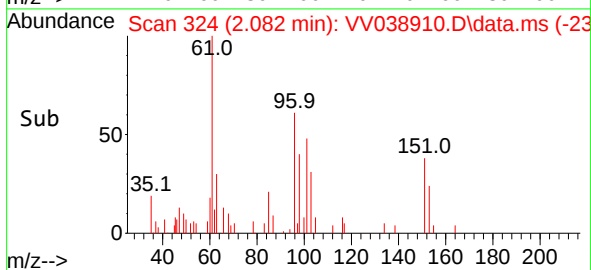
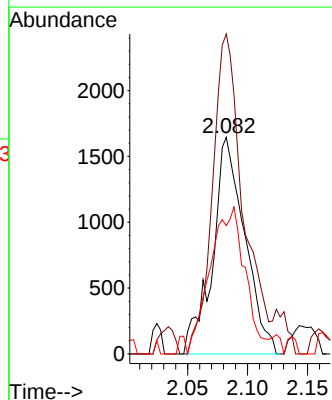
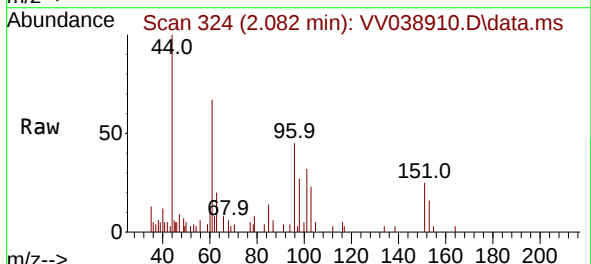
Instrument :
MSVOA_V
ClientSampleId :
MDL03

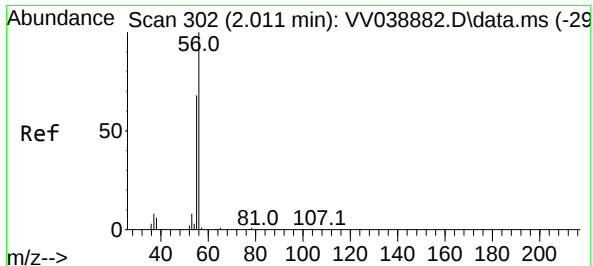
Tgt Ion: 59 Resp: 3992
Ion Ratio Lower Upper
59 100
57 14.0 8.6 12.8#



#12
1,1-Dichloroethene
Concen: 0.580 ug/l
RT: 2.082 min Scan# 324
Delta R.T. 0.000 min
Lab File: VV038910.D
Acq: 16 Jul 2025 16:03

Tgt Ion: 96 Resp: 3073
Ion Ratio Lower Upper
96 100
61 147.7 124.1 186.1
98 52.0 50.6 75.8

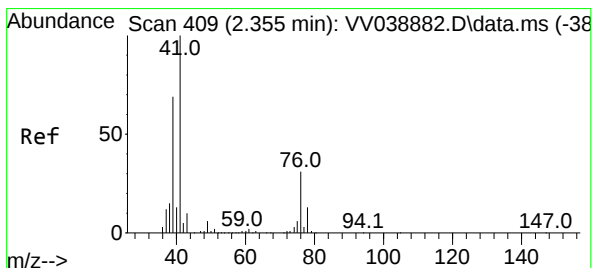
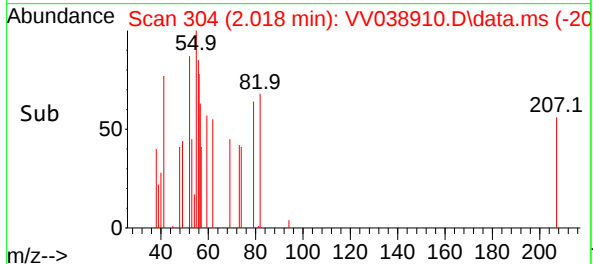
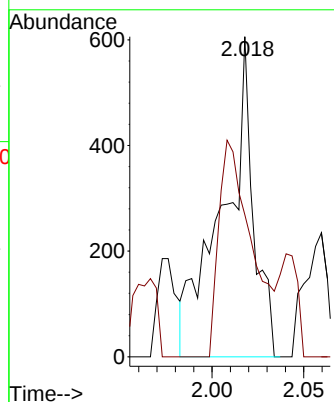
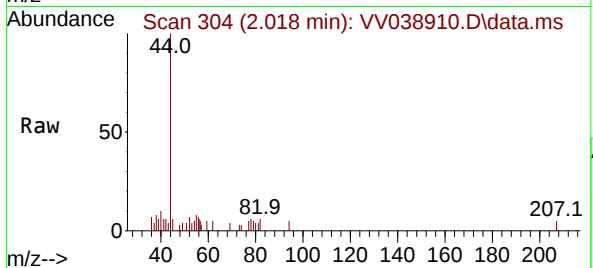




#13
Acrolein
Concen: 3.389 ug/l
RT: 2.018 min Scan# 302
Delta R.T. 0.007 min
Lab File: VV038910.D
Acq: 16 Jul 2025 16:03

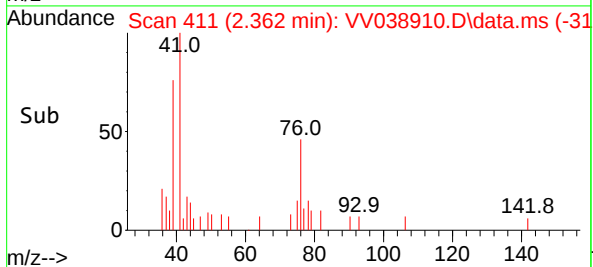
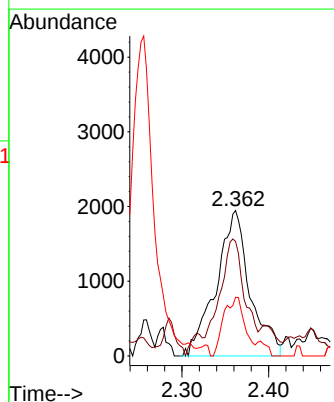
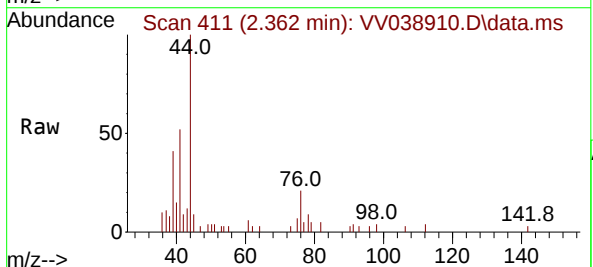
Instrument :
MSVOA_V
ClientSampleId :
MDL03

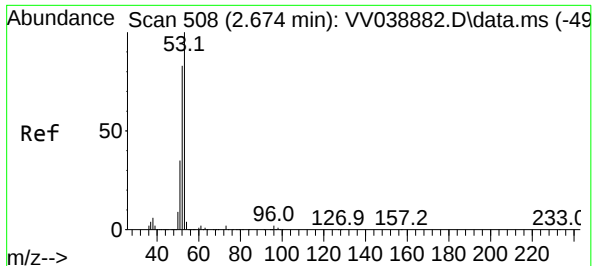
Tgt Ion: 56 Resp: 698
Ion Ratio Lower Upper
56 100
55 73.4 56.7 85.1



#14
Allyl chloride
Concen: 0.627 ug/l
RT: 2.362 min Scan# 411
Delta R.T. 0.007 min
Lab File: VV038910.D
Acq: 16 Jul 2025 16:03

Tgt Ion: 41 Resp: 5292
Ion Ratio Lower Upper
41 100
39 43.9 50.6 76.0#
76 25.1 30.4 45.6#

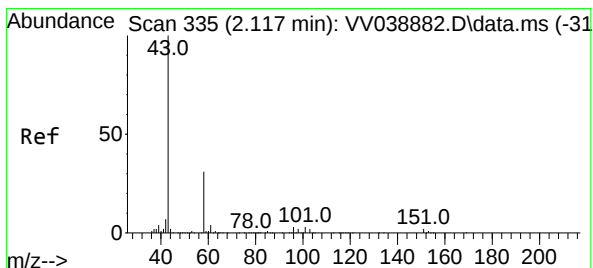
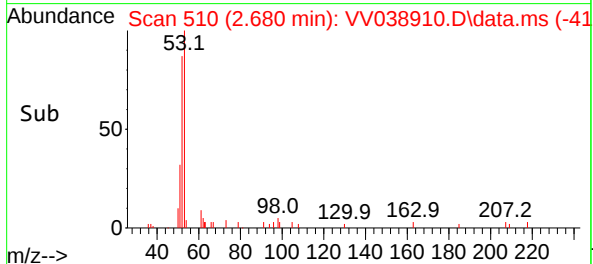
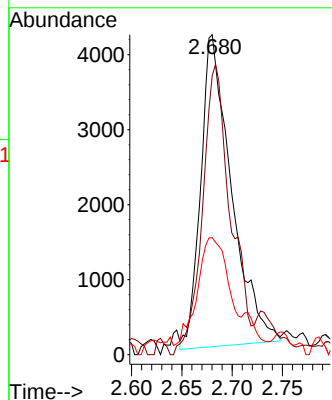
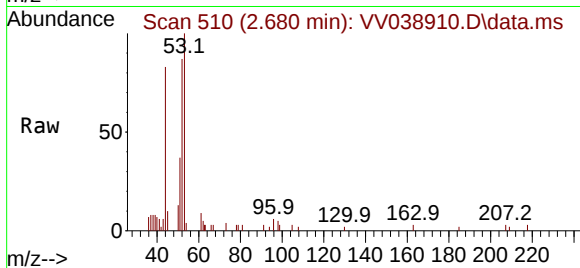




#15
Acrylonitrile
Concen: 2.423 ug/l
RT: 2.680 min Scan# 510
Delta R.T. 0.007 min
Lab File: VV038910.D
Acq: 16 Jul 2025 16:03

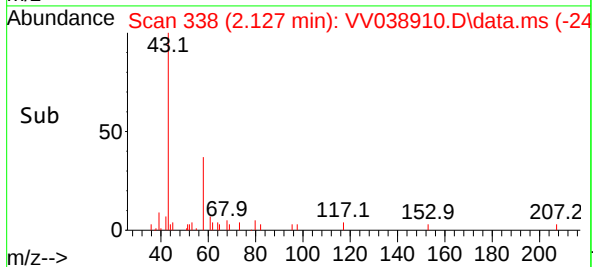
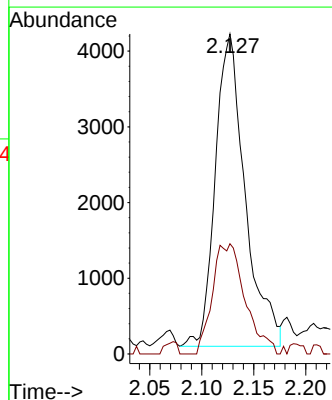
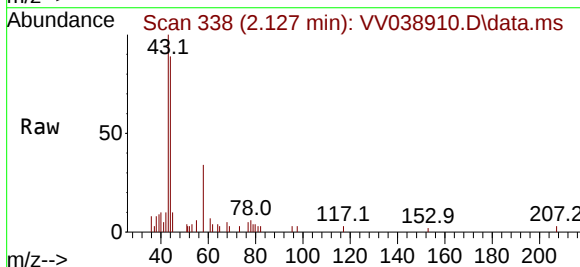
Instrument :
MSVOA_V
ClientSampleId :
MDL03

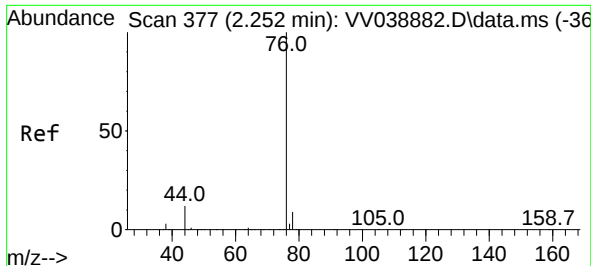
Tgt Ion:	53	Resp:	8831
Ion	Ratio	Lower	Upper
53	100		
52	85.2	66.6	99.8
51	34.9	28.7	43.1



#16
Acetone
Concen: 3.073 ug/l
RT: 2.127 min Scan# 338
Delta R.T. 0.010 min
Lab File: VV038910.D
Acq: 16 Jul 2025 16:03

Tgt Ion:	43	Resp:	8226
Ion	Ratio	Lower	Upper
43	100		
58	35.3	25.8	38.6

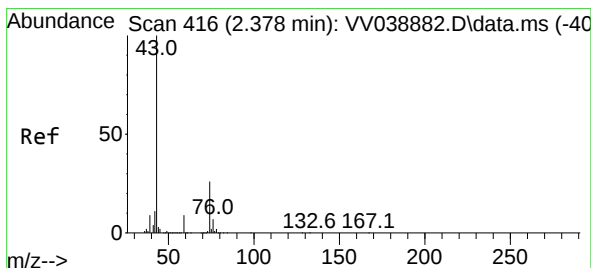
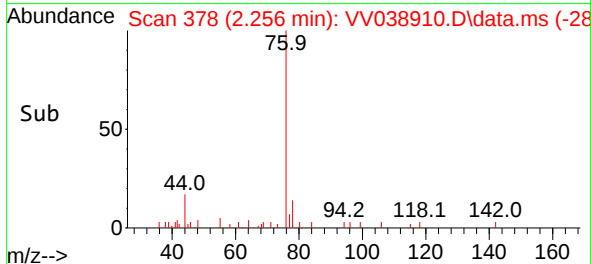
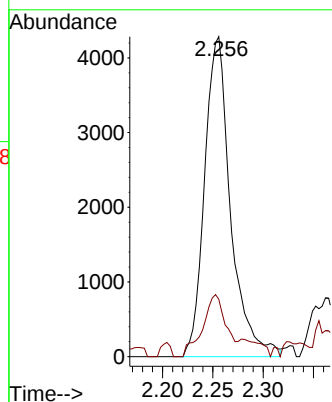
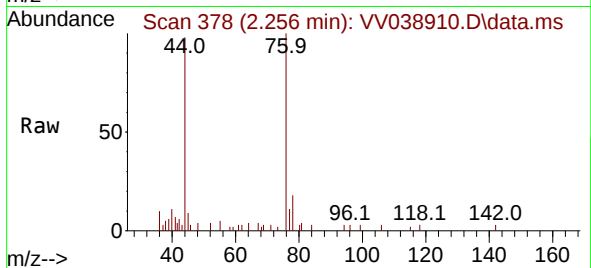




#17
Carbon Disulfide
Concen: 0.697 ug/l
RT: 2.256 min Scan# 31
Delta R.T. 0.004 min
Lab File: VV038910.D
Acq: 16 Jul 2025 16:03

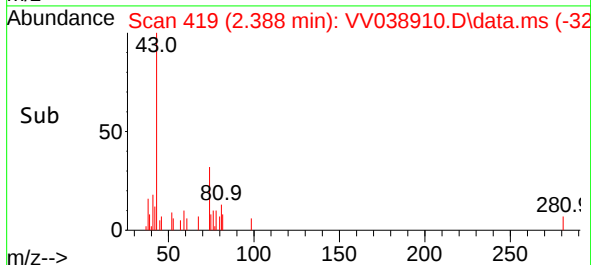
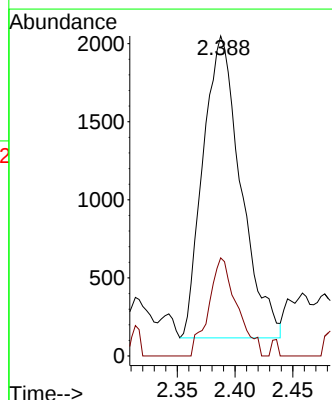
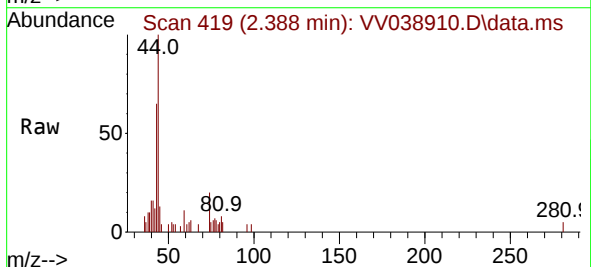
Instrument :
MSVOA_V
ClientSampleId :
MDL03

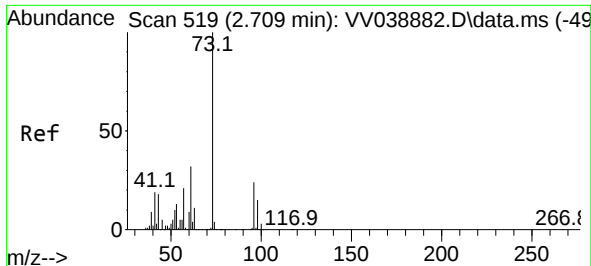
Tgt Ion: 76 Resp: 7708
Ion Ratio Lower Upper
76 100
78 18.0 7.4 11.2#



#18
Methyl Acetate
Concen: 0.486 ug/l
RT: 2.388 min Scan# 419
Delta R.T. 0.010 min
Lab File: VV038910.D
Acq: 16 Jul 2025 16:03

Tgt Ion: 43 Resp: 4400
Ion Ratio Lower Upper
43 100
74 24.3 21.1 31.7

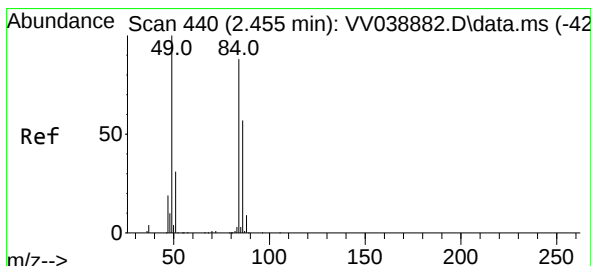
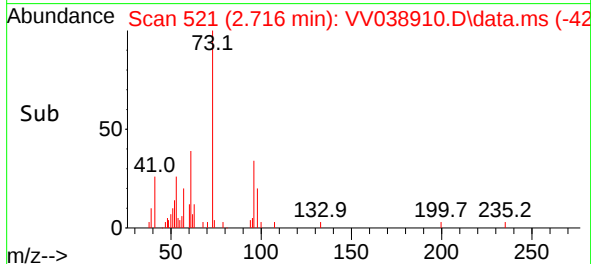
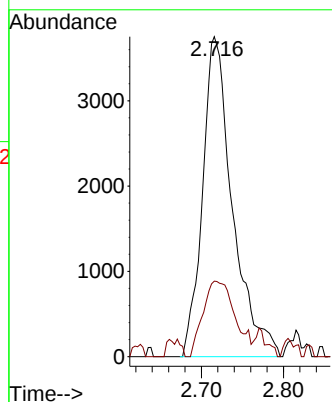
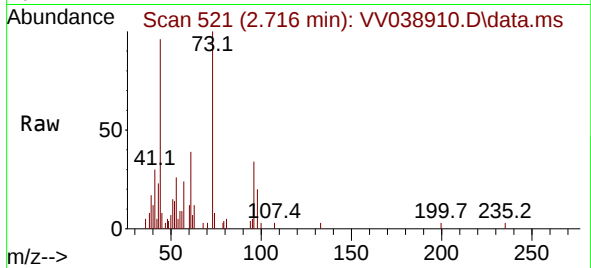




#19
Methyl tert-butyl Ether
Concen: 0.479 ug/l
RT: 2.716 min Scan# 519
Delta R.T. 0.007 min
Lab File: VV038910.D
Acq: 16 Jul 2025 16:03

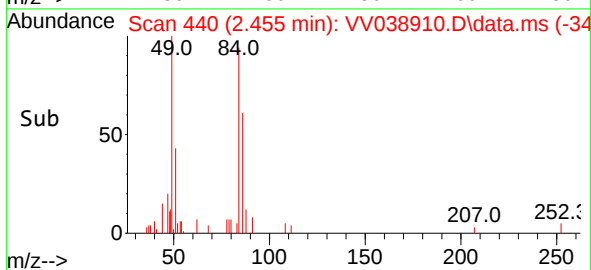
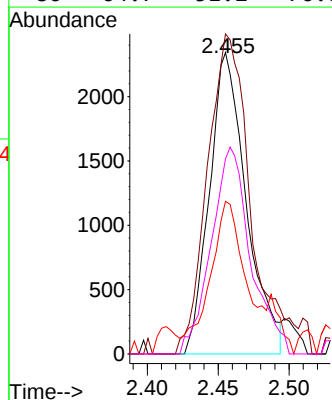
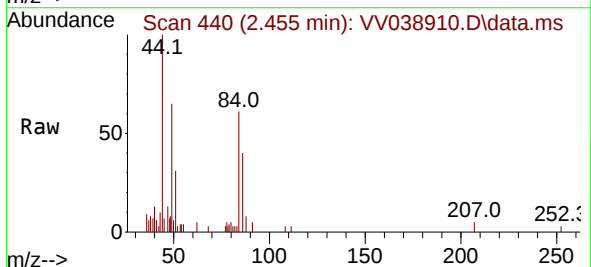
Instrument :
MSVOA_V
ClientSampleId :
MDL03

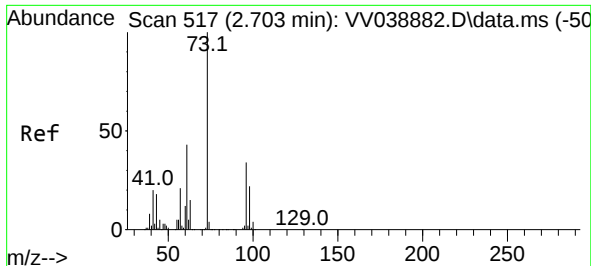
Tgt Ion: 73 Resp: 9512
Ion Ratio Lower Upper
73 100
57 23.6 16.5 24.7



#20
Methylene Chloride
Concen: 0.625 ug/l
RT: 2.455 min Scan# 440
Delta R.T. 0.000 min
Lab File: VV038910.D
Acq: 16 Jul 2025 16:03

Tgt Ion: 84 Resp: 4242
Ion Ratio Lower Upper
84 100
49 101.3 90.5 135.7
51 45.4 27.8 41.6#
86 64.7 51.2 76.8

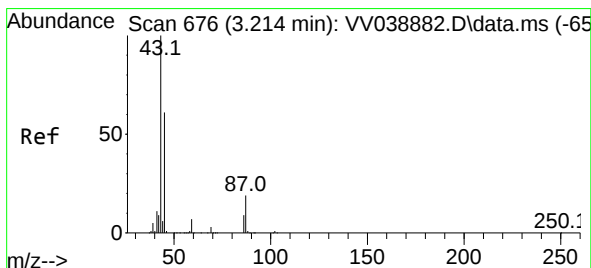
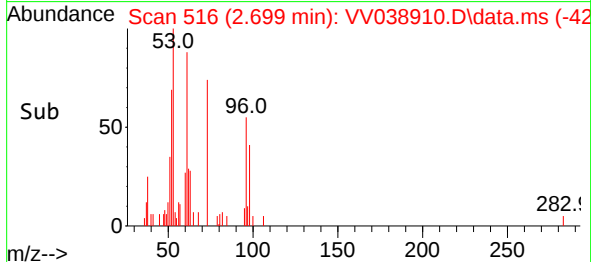
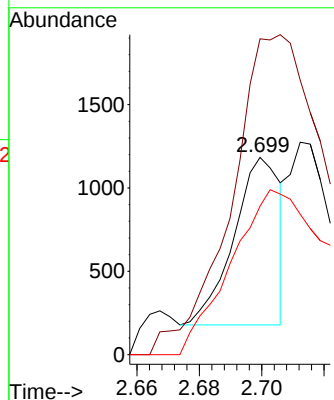
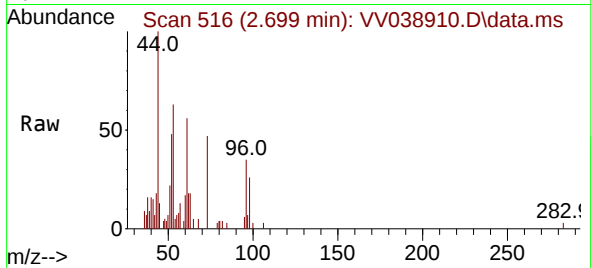




#21
trans-1,2-Dichloroethene
Concen: 0.183 ug/l
RT: 2.699 min Scan# 517
Delta R.T. -0.003 min
Lab File: VV038910.D
Acq: 16 Jul 2025 16:03

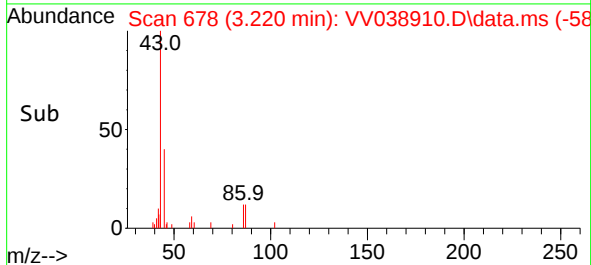
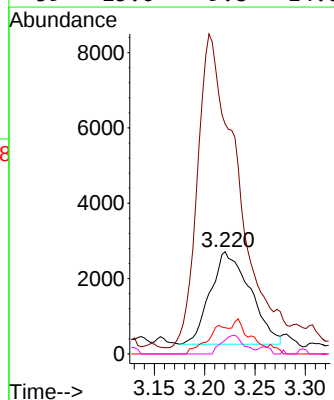
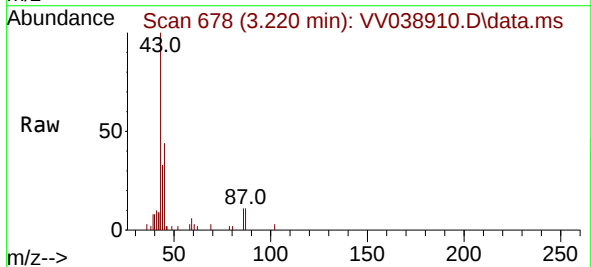
Instrument :
MSVOA_V
ClientSampleId :
MDL03

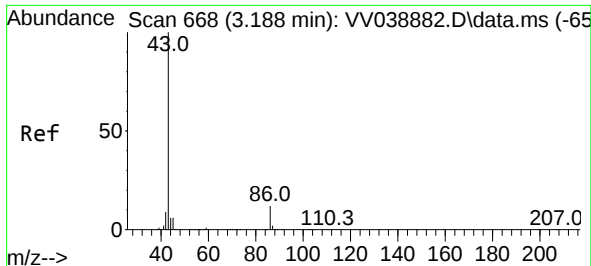
Tgt Ion: 96 Resp: 1034
Ion Ratio Lower Upper
96 100
61 173.7 102.0 153.0#
98 88.6 51.0 76.6#



#22
Diisopropyl ether
Concen: 0.401 ug/l
RT: 3.220 min Scan# 678
Delta R.T. 0.007 min
Lab File: VV038910.D
Acq: 16 Jul 2025 16:03

Tgt Ion: 45 Resp: 6764
Ion Ratio Lower Upper
45 100
43 227.4 132.1 198.1#
87 28.4 25.0 37.4
59 15.0 9.8 14.8#

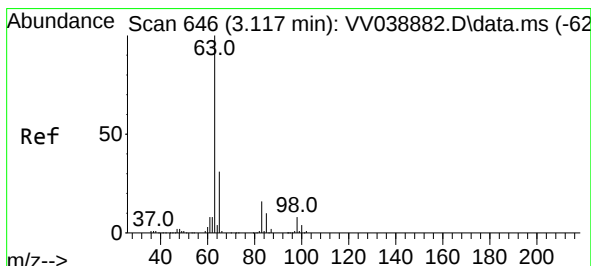
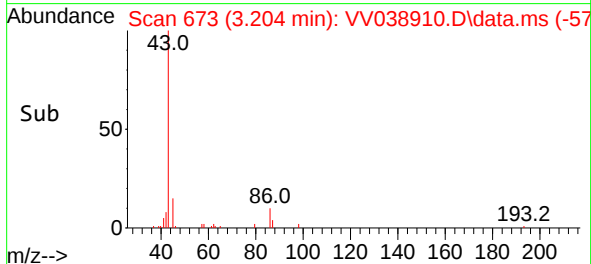
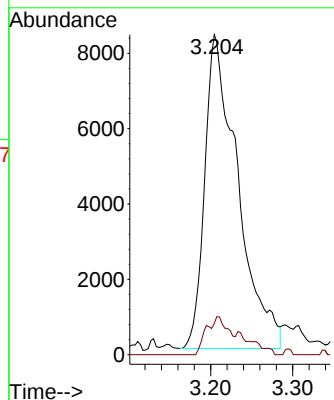
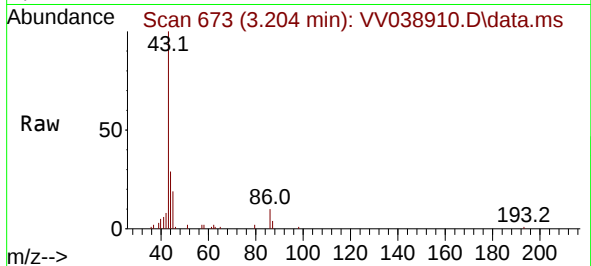




#23
 Vinyl Acetate
 Concen: 1.757 ug/l
 RT: 3.204 min Scan# 61
 Delta R.T. 0.016 min
 Lab File: VV038910.D
 Acq: 16 Jul 2025 16:03

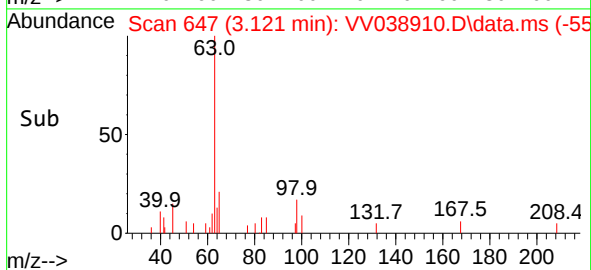
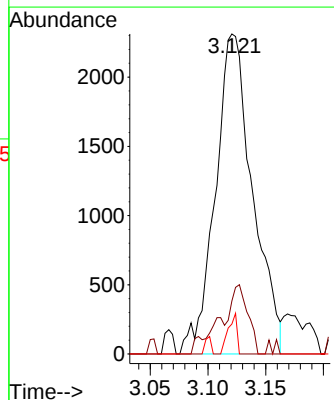
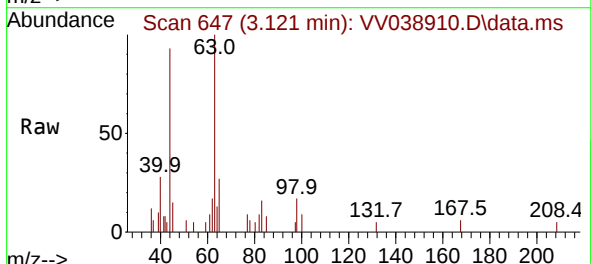
Instrument :
 MSVOA_V
 ClientSampleId :
 MDL03

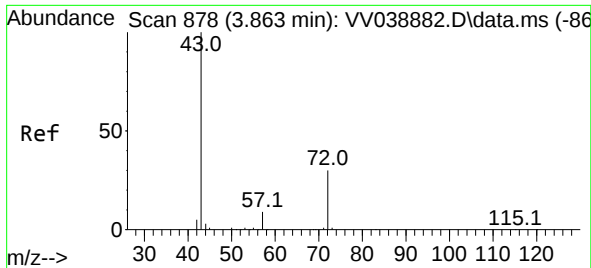
Tgt Ion: 43 Resp: 23245
 Ion Ratio Lower Upper
 43 100
 86 9.9 9.8 14.6



#24
 1,1-Dichloroethane
 Concen: 0.470 ug/l
 RT: 3.121 min Scan# 647
 Delta R.T. 0.003 min
 Lab File: VV038910.D
 Acq: 16 Jul 2025 16:03

Tgt Ion: 63 Resp: 5195
 Ion Ratio Lower Upper
 63 100
 98 16.6 3.9 11.7#
 100 9.3 2.2 6.6#





#25

2-Butanone

Concen: 0.019 ug/l

RT: 3.847 min Scan# 81

Delta R.T. -0.016 min

Lab File: VV038910.D

Acq: 16 Jul 2025 16:03

Instrument :

MSVOA_V

ClientSampleId :

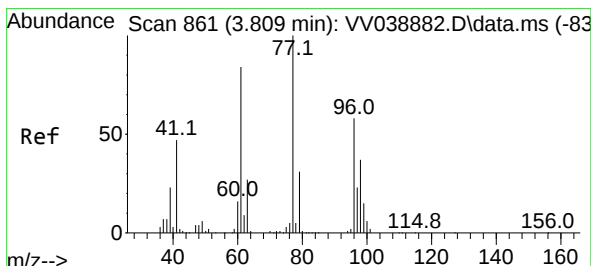
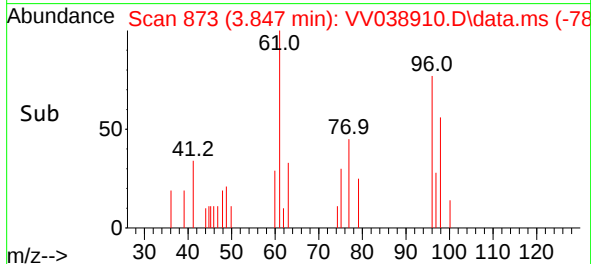
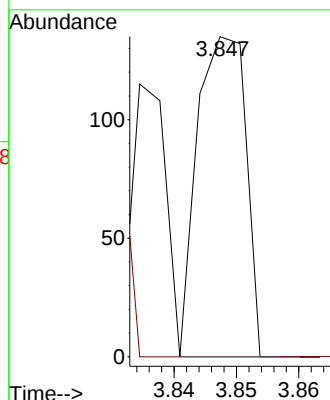
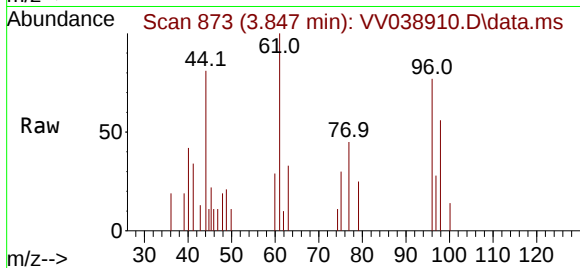
MDL03

Tgt Ion: 43 Resp: 73

Ion Ratio Lower Upper

43 100

72 0.0 23.9 35.9#



#26

2,2-Dichloropropane

Concen: 0.153 ug/l

RT: 3.799 min Scan# 858

Delta R.T. -0.010 min

Lab File: VV038910.D

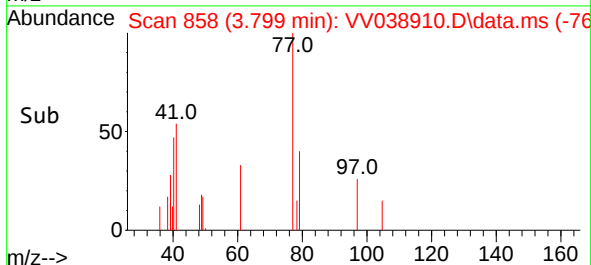
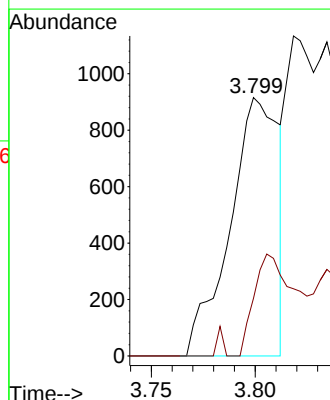
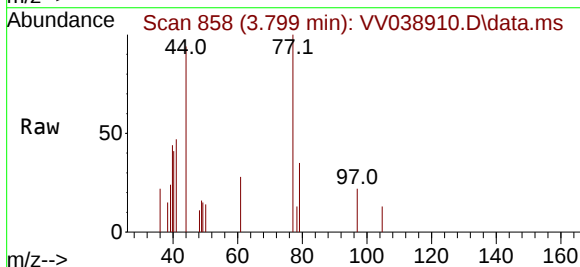
Acq: 16 Jul 2025 16:03

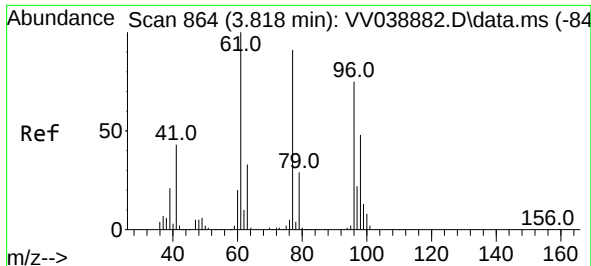
Tgt Ion: 77 Resp: 1481

Ion Ratio Lower Upper

77 100

97 33.2 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 0.369 ug/l

RT: 3.838 min Scan# 81

Delta R.T. 0.019 min

Lab File: VV038910.D

Acq: 16 Jul 2025 16:03

Instrument :

MSVOA_V

ClientSampleId :

MDL03

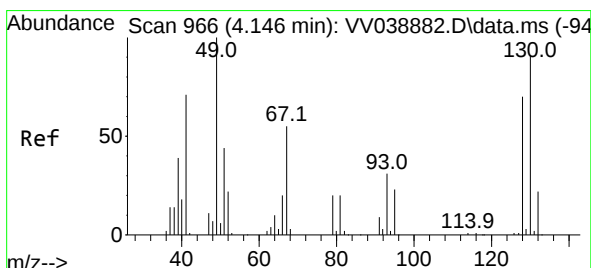
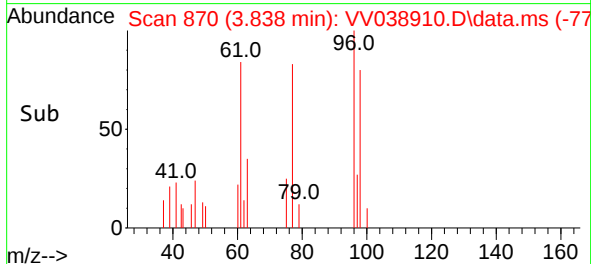
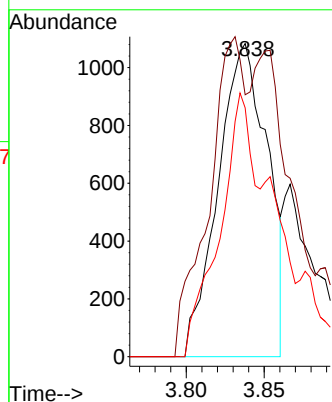
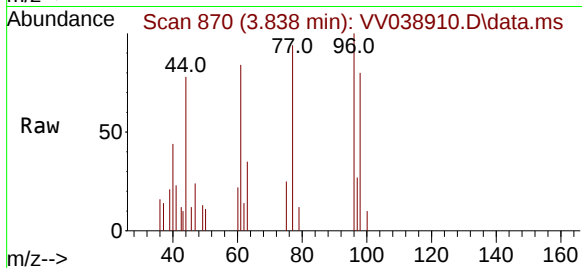
Tgt Ion: 96 Resp: 2390

Ion Ratio Lower Upper

96 100

61 73.8 0.0 275.0

98 60.4 0.0 130.0



#28

Bromochloromethane

Concen: 0.763 ug/l

RT: 4.169 min Scan# 973

Delta R.T. 0.023 min

Lab File: VV038910.D

Acq: 16 Jul 2025 16:03

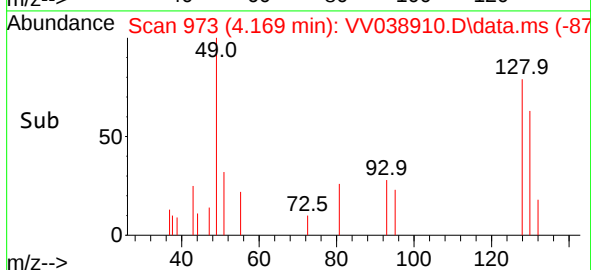
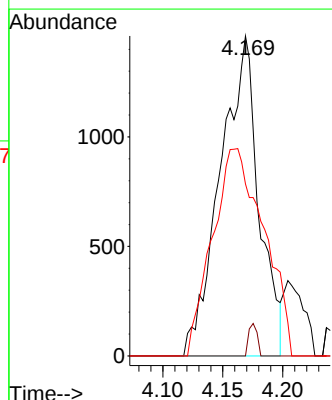
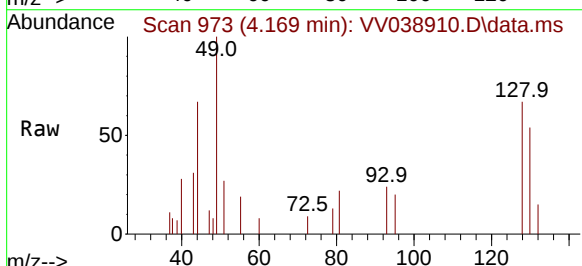
Tgt Ion: 49 Resp: 3263

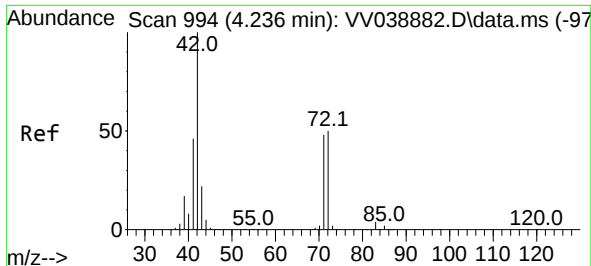
Ion Ratio Lower Upper

49 100

129 2.2 0.0 4.8

130 86.7 70.1 105.1





#29

Tetrahydrofuran

Concen: 1.859 ug/l

RT: 4.265 min Scan# 1003

Delta R.T. 0.029 min

Lab File: VV038910.D

Acq: 16 Jul 2025 16:03

Instrument :

MSVOA_V

ClientSampleId :

MDL03

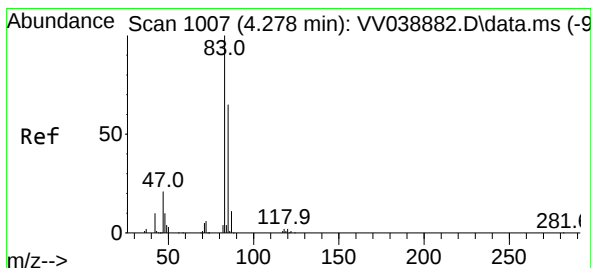
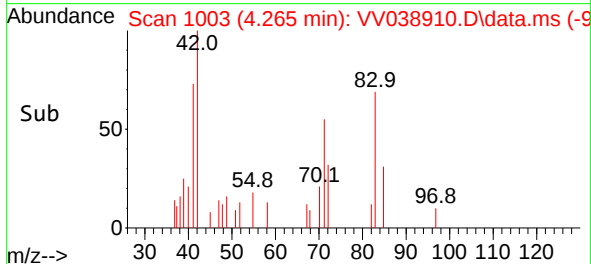
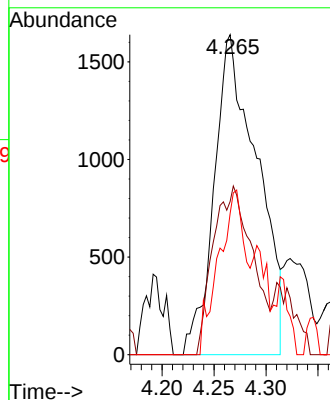
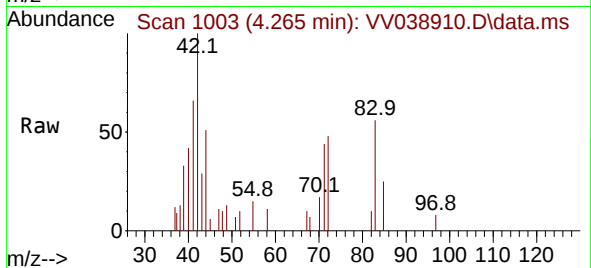
Tgt Ion: 42 Resp: 4700

Ion Ratio Lower Upper

42 100

72 48.6 41.6 62.4

71 32.0 38.4 57.6#



#30

Chloroform

Concen: 0.508 ug/l

RT: 4.291 min Scan# 1011

Delta R.T. 0.013 min

Lab File: VV038910.D

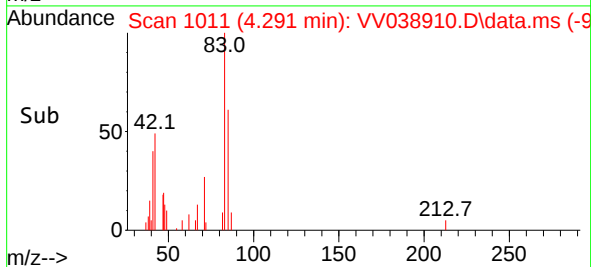
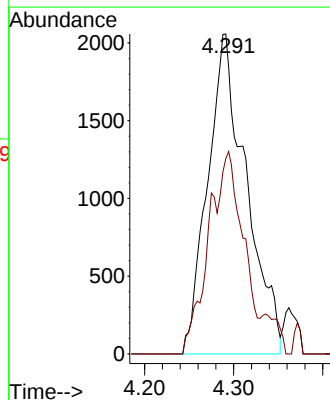
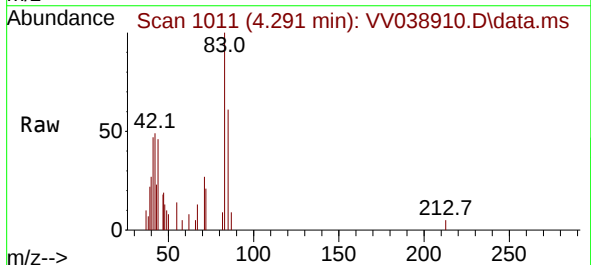
Acq: 16 Jul 2025 16:03

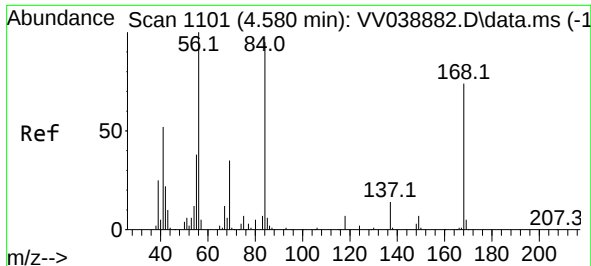
Tgt Ion: 83 Resp: 6189

Ion Ratio Lower Upper

83 100

85 61.0 52.2 78.4

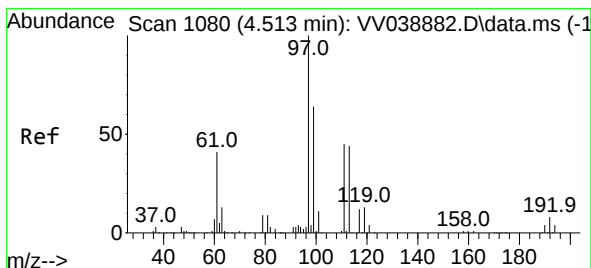
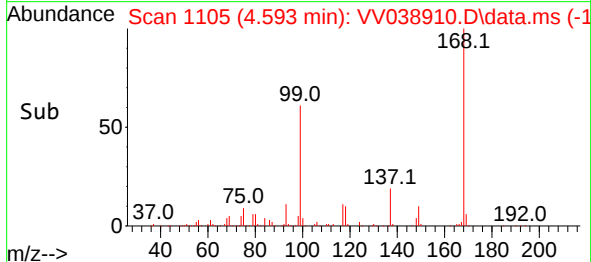
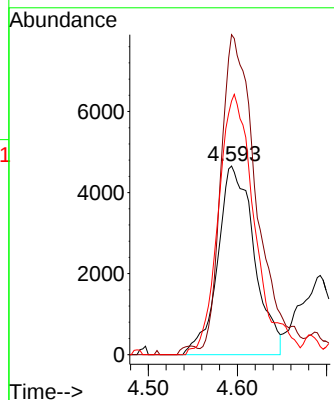
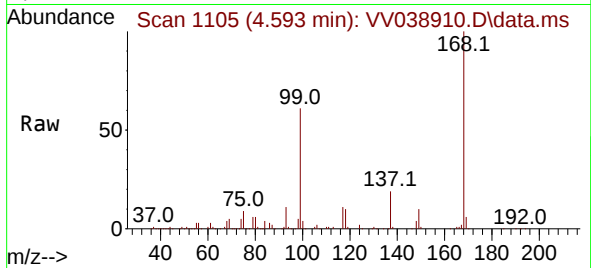




#31
Cyclohexane
Concen: 1.822 ug/l
RT: 4.593 min Scan# 1105
Delta R.T. 0.013 min
Lab File: VV038910.D
Acq: 16 Jul 2025 16:03

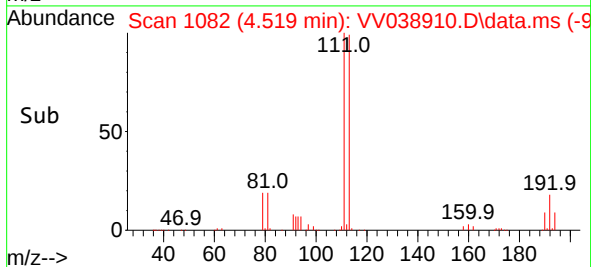
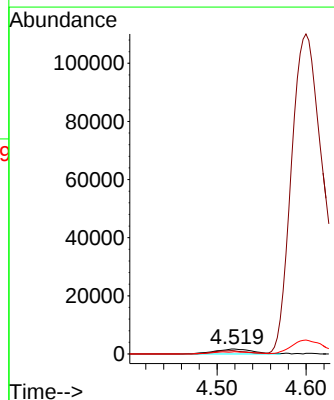
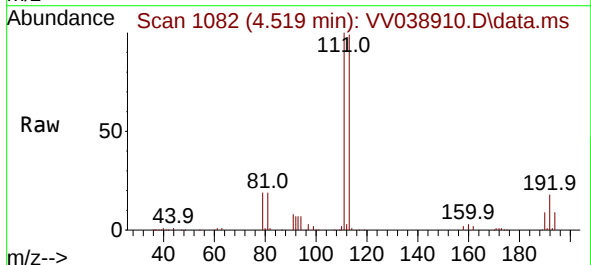
Instrument :
MSVOA_V
ClientSampleId :
MDL03

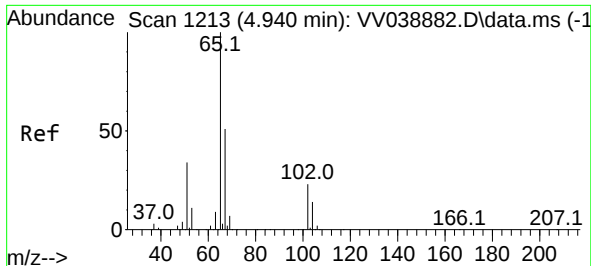
Tgt Ion: 56 Resp: 13216
Ion Ratio Lower Upper
56 100
69 167.3 28.2 42.2#
84 134.5 76.0 114.0#



#32
1,1,1-Trichloroethane
Concen: 0.473 ug/l
RT: 4.519 min Scan# 1082
Delta R.T. 0.007 min
Lab File: VV038910.D
Acq: 16 Jul 2025 16:03

Tgt Ion: 97 Resp: 5033
Ion Ratio Lower Upper
97 100
99 0.0 50.1 75.1#
61 20.4 32.6 49.0#





#33

1,2-Dichloroethane-d4

Concen: 54.812 ug/l

RT: 4.944 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV038910.D

Acq: 16 Jul 2025 16:03

Instrument :

MSVOA_V

ClientSampleId :

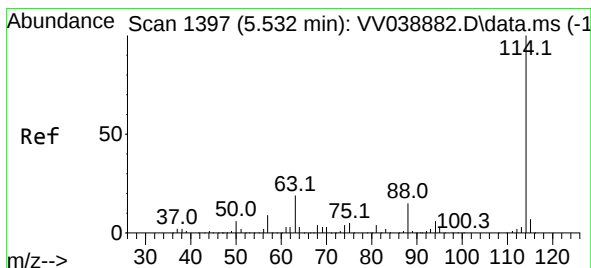
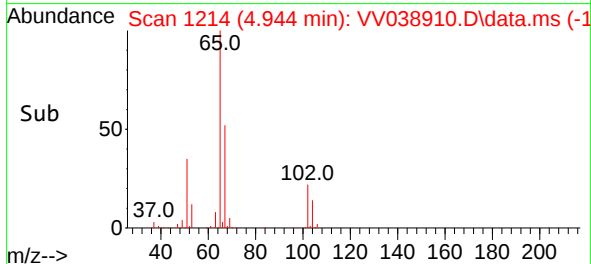
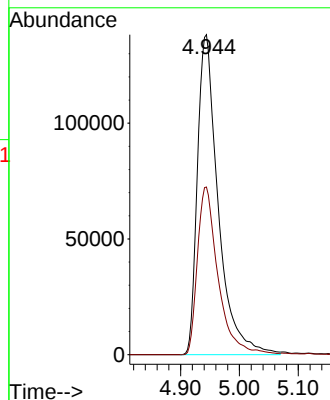
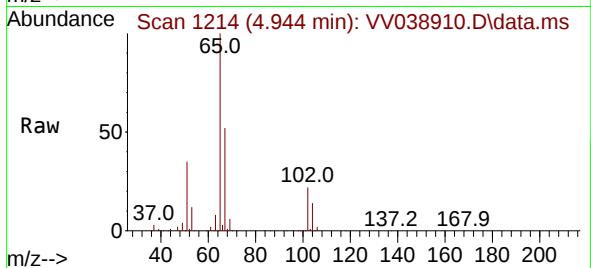
MDL03

Tgt Ion: 65 Resp: 339094

Ion Ratio Lower Upper

65 100

67 52.2 0.0 105.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.532 min Scan# 1397

Delta R.T. 0.000 min

Lab File: VV038910.D

Acq: 16 Jul 2025 16:03

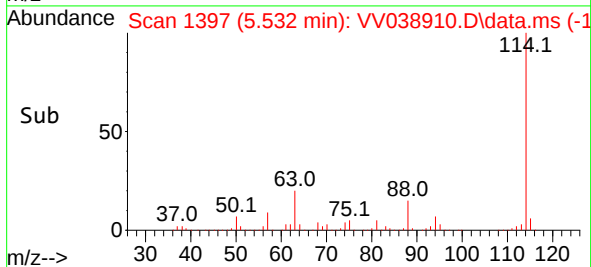
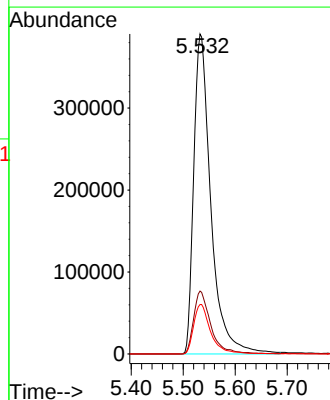
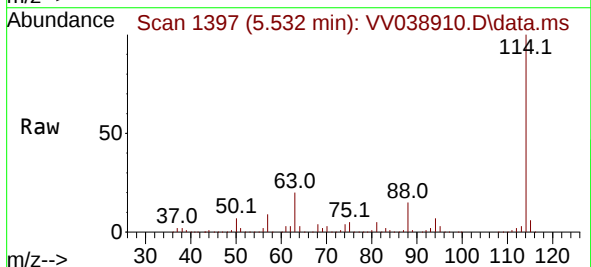
Tgt Ion: 114 Resp: 893563

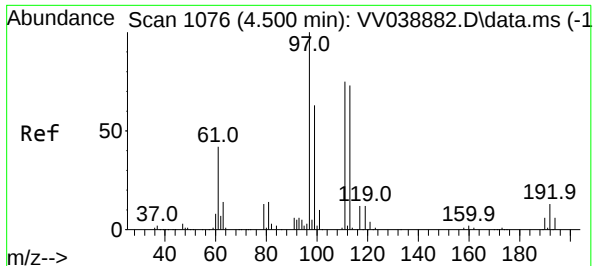
Ion Ratio Lower Upper

114 100

63 19.6 0.0 37.2

88 15.4 0.0 30.8





#35

Dibromofluoromethane

Concen: 46.689 ug/l

RT: 4.500 min Scan# 1106

Delta R.T. 0.000 min

Lab File: VV038910.D

Acq: 16 Jul 2025 16:03

Instrument :

MSVOA_V

ClientSampleId :

MDL03

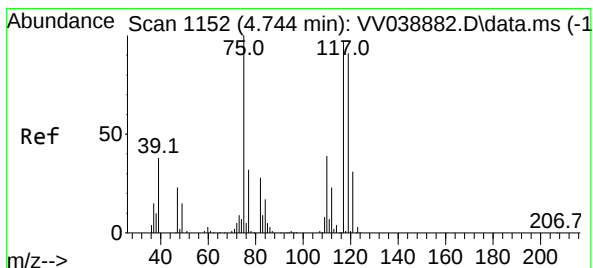
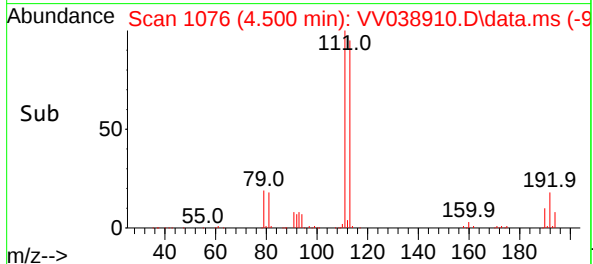
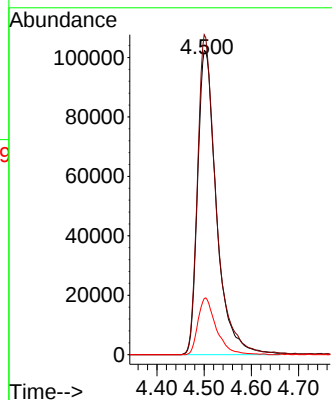
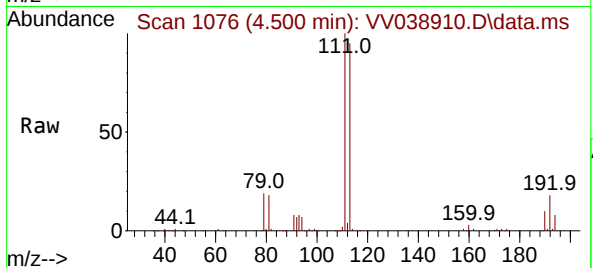
Tgt Ion:113 Resp: 284446

Ion Ratio Lower Upper

113 100

111 103.3 83.3 124.9

192 18.1 14.2 21.4



#36

1,1-Dichloropropene

Concen: 5.727 ug/l

RT: 4.597 min Scan# 1106

Delta R.T. -0.148 min

Lab File: VV038910.D

Acq: 16 Jul 2025 16:03

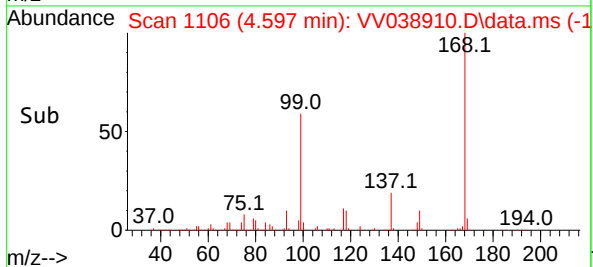
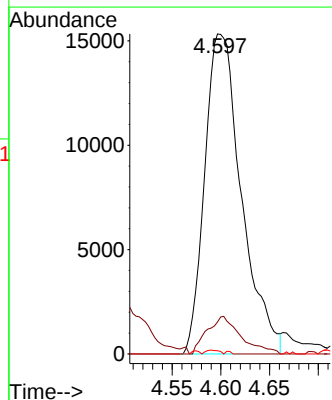
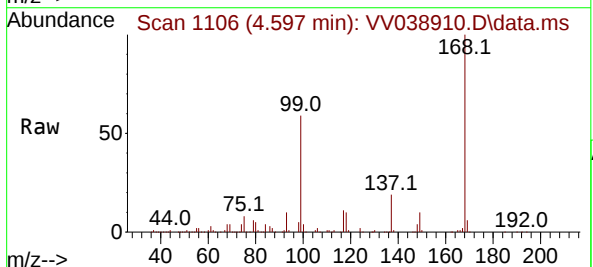
Tgt Ion: 75 Resp: 40099

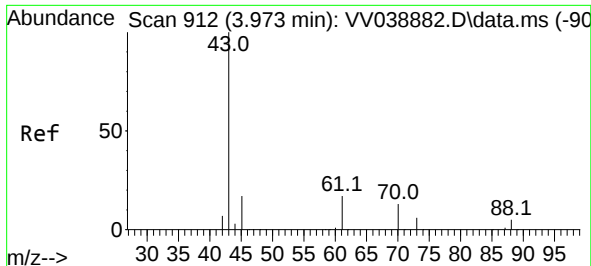
Ion Ratio Lower Upper

75 100

110 10.9 18.8 56.3#

77 0.1 24.2 36.4#





#37

Ethyl Acetate

Concen: 0.094 ug/l

RT: 3.950 min Scan# 90

Delta R.T. -0.022 min

Lab File: VV038910.D

Acq: 16 Jul 2025 16:03

Instrument :

MSVOA_V

ClientSampleId :

MDL03

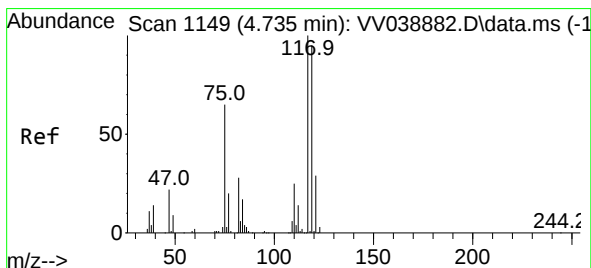
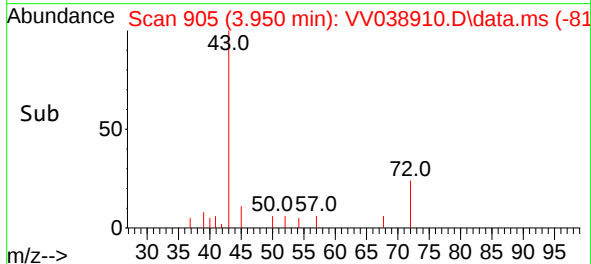
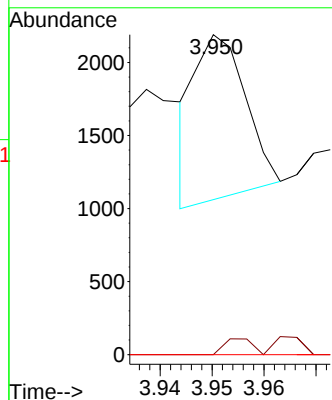
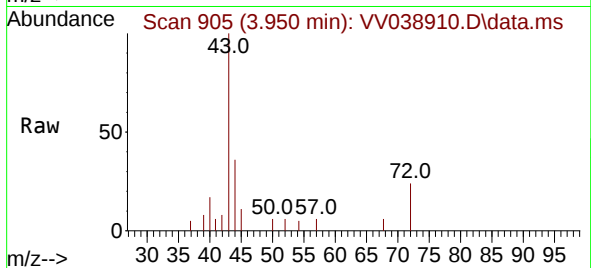
Tgt Ion: 43 Resp: 774

Ion Ratio Lower Upper

43 100

61 0.0 11.1 16.7#

70 0.0 8.9 13.3#



#38

Carbon Tetrachloride

Concen: 5.910 ug/l

RT: 4.600 min Scan# 1107

Delta R.T. -0.135 min

Lab File: VV038910.D

Acq: 16 Jul 2025 16:03

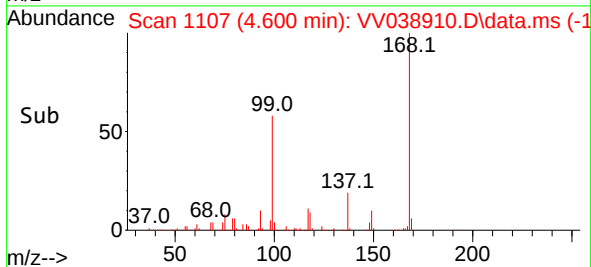
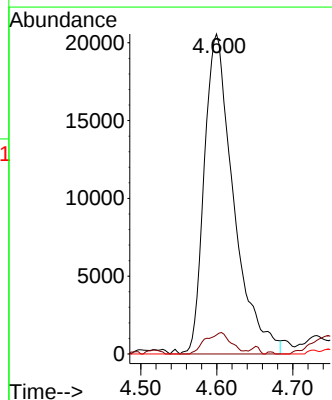
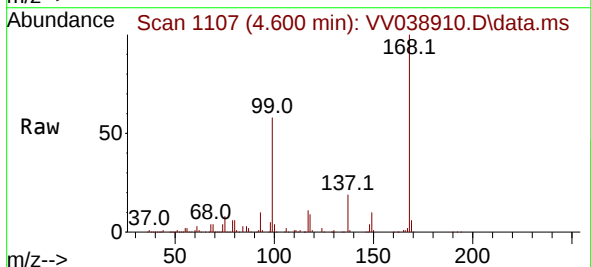
Tgt Ion: 117 Resp: 54968

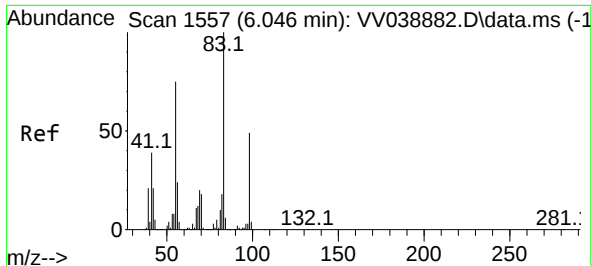
Ion Ratio Lower Upper

117 100

119 5.9 76.0 114.0#

121 0.0 23.1 34.7#





#39

Methylcyclohexane

Concen: 0.527 ug/l

RT: 6.047 min Scan# 11

Delta R.T. 0.000 min

Lab File: VV038910.D

Acq: 16 Jul 2025 16:03

Instrument :

MSVOA_V

ClientSampleId :

MDL03

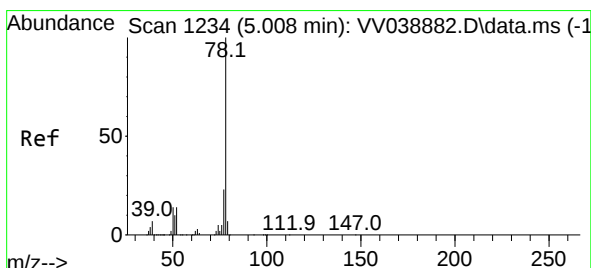
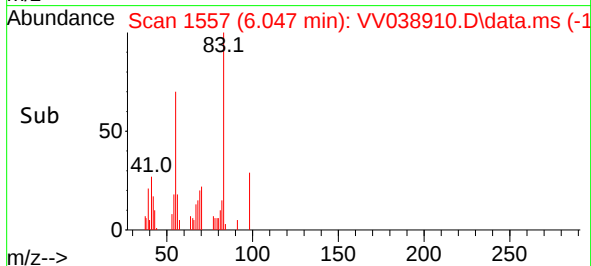
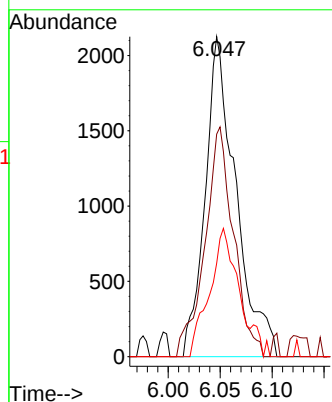
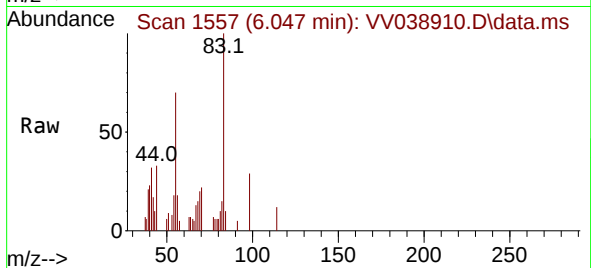
Tgt Ion: 83 Resp: 4355

Ion Ratio Lower Upper

83 100

55 69.6 60.0 90.0

98 29.2 39.0 58.6#



#40

Benzene

Concen: 0.441 ug/l

RT: 5.034 min Scan# 1242

Delta R.T. 0.026 min

Lab File: VV038910.D

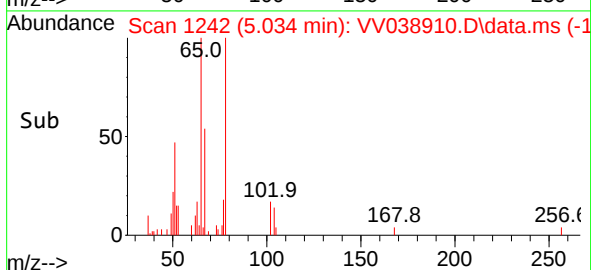
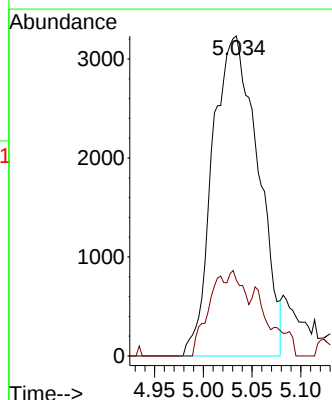
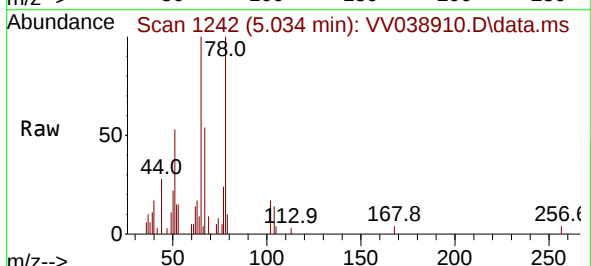
Acq: 16 Jul 2025 16:03

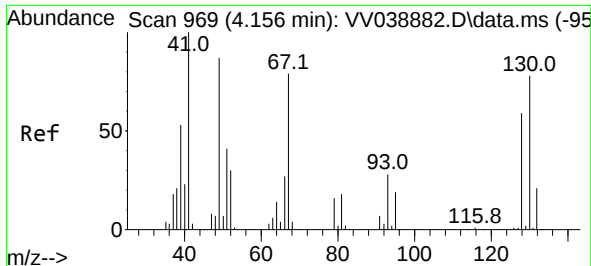
Tgt Ion: 78 Resp: 10474

Ion Ratio Lower Upper

78 100

77 23.7 18.6 28.0

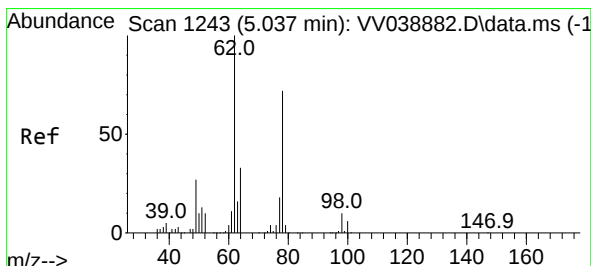
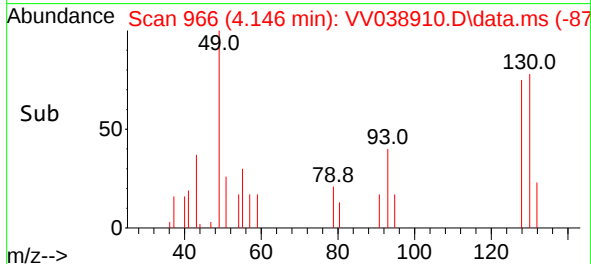
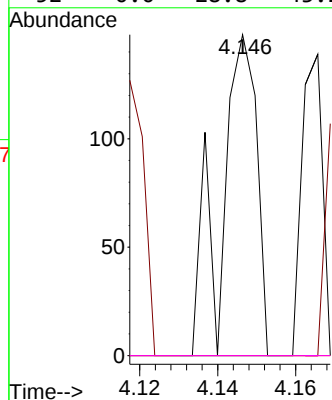
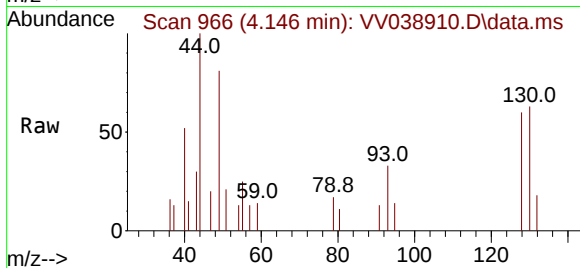




#41
Methacrylonitrile
Concen: 0.025 ug/l
RT: 4.146 min Scan# 91
Delta R.T. -0.010 min
Lab File: VV038910.D
Acq: 16 Jul 2025 16:03

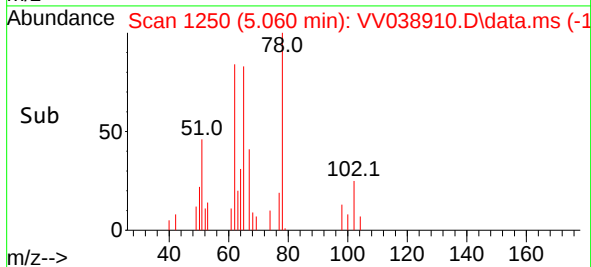
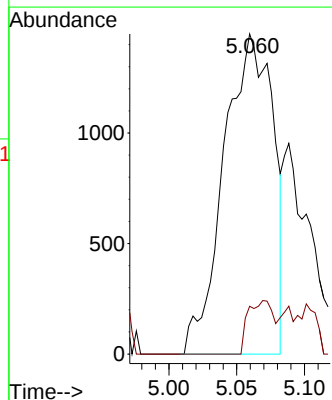
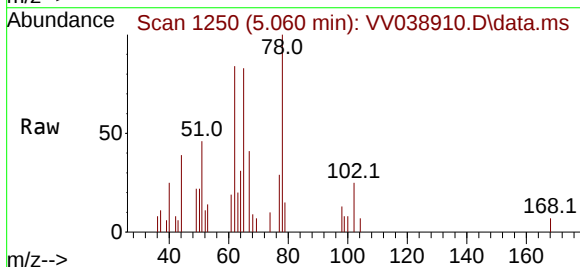
Instrument :
MSVOA_V
ClientSampleId :
MDL03

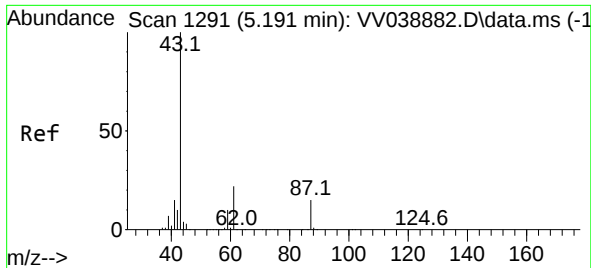
Tgt Ion:	41	Resp:	95
Ion	Ratio	Lower	Upper
41	100		
39	0.0	42.0	63.0#
67	0.0	76.2	114.2#
52	0.0	28.8	43.2#



#42
1,2-Dichloroethane
Concen: 0.402 ug/l
RT: 5.060 min Scan# 1250
Delta R.T. 0.023 min
Lab File: VV038910.D
Acq: 16 Jul 2025 16:03

Tgt Ion:	62	Resp:	3638
Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	18.8

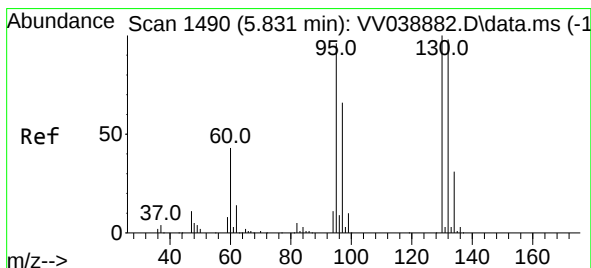
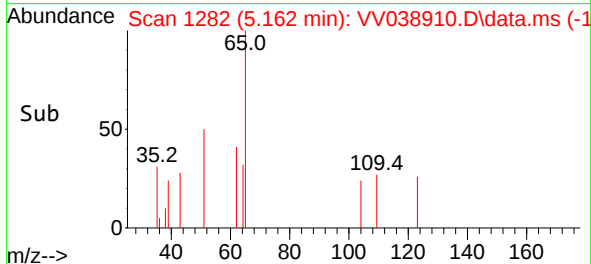
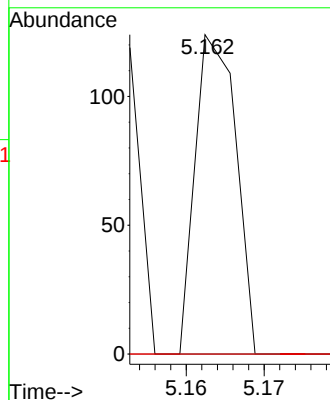
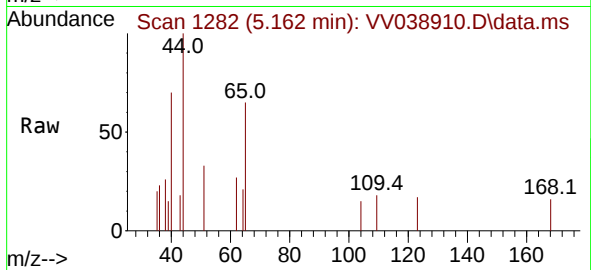




#43
Isopropyl Acetate
Concen: 0.003 ug/l
RT: 5.162 min Scan# 11
Delta R.T. -0.029 min
Lab File: VV038910.D
Acq: 16 Jul 2025 16:03

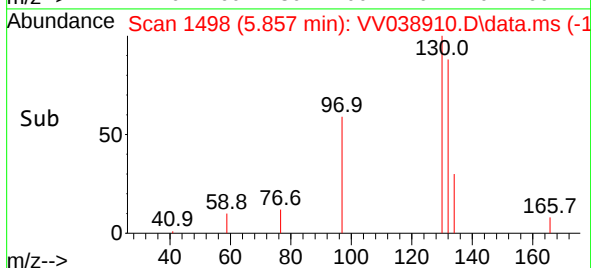
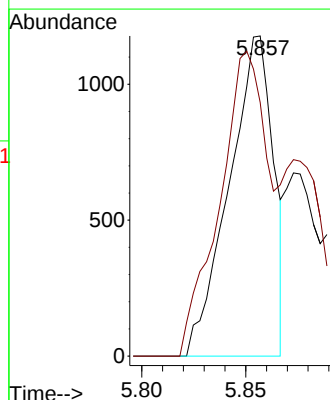
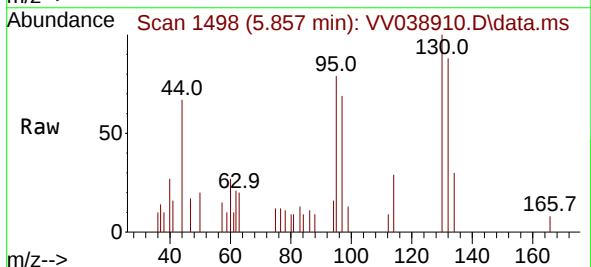
Instrument :
MSVOA_V
ClientSampleId :
MDL03

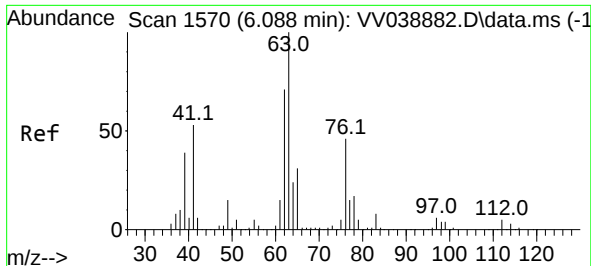
Tgt Ion: 43 Resp: 45
Ion Ratio Lower Upper
43 100
61 0.0 17.1 25.7#
87 0.0 12.2 18.4#



#44
Trichloroethene
Concen: 0.281 ug/l
RT: 5.857 min Scan# 1498
Delta R.T. 0.026 min
Lab File: VV038910.D
Acq: 16 Jul 2025 16:03

Tgt Ion:130 Resp: 1740
Ion Ratio Lower Upper
130 100
95 79.2 0.0 191.2

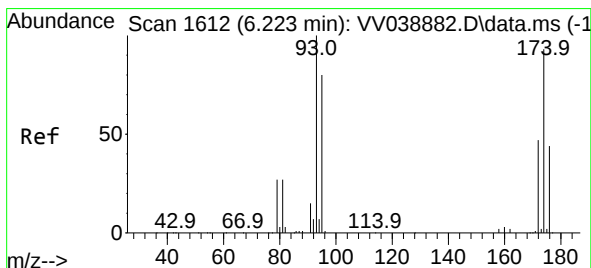
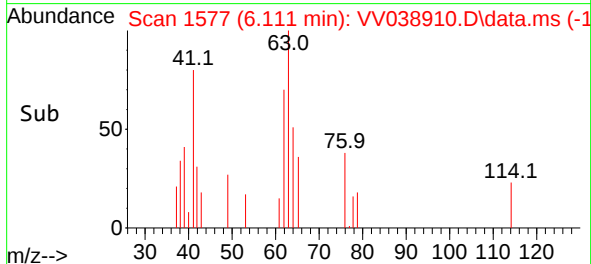
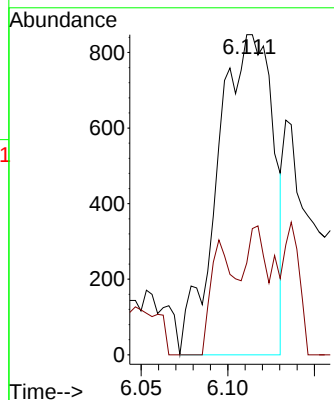
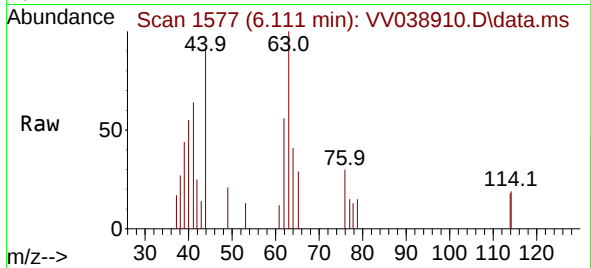




#45
1,2-Dichloropropane
Concen: 0.300 ug/l
RT: 6.111 min Scan# 1577
Delta R.T. 0.023 min
Lab File: VV038910.D
Acq: 16 Jul 2025 16:03

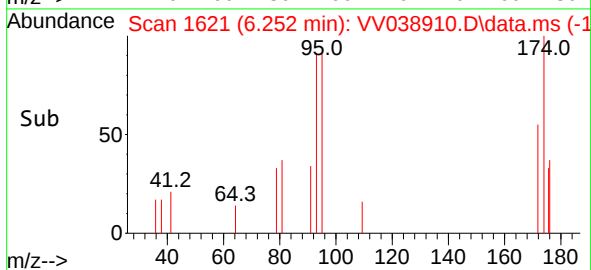
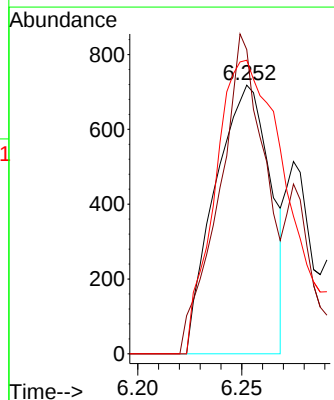
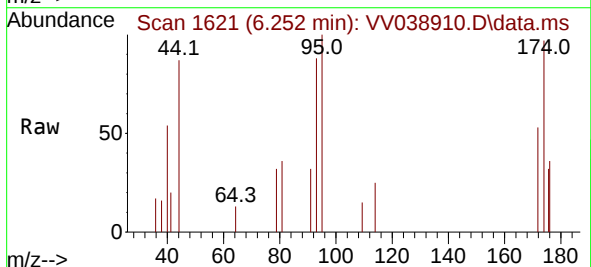
Instrument :
MSVOA_V
ClientSampleId :
MDL03

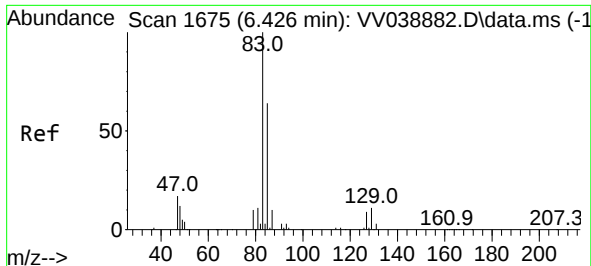
Tgt Ion: 63 Resp: 1879
Ion Ratio Lower Upper
63 100
65 28.7 24.9 37.3



#46
Dibromomethane
Concen: 0.274 ug/l
RT: 6.252 min Scan# 1621
Delta R.T. 0.029 min
Lab File: VV038910.D
Acq: 16 Jul 2025 16:03

Tgt Ion: 93 Resp: 1330
Ion Ratio Lower Upper
93 100
95 98.9 66.2 99.4
174 139.8 75.3 112.9#

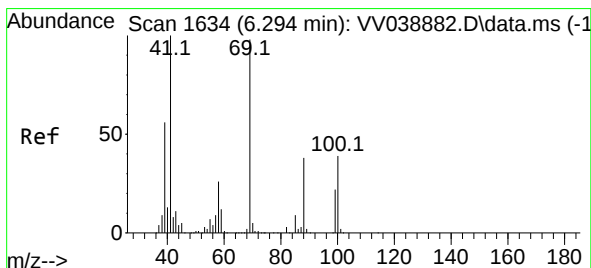
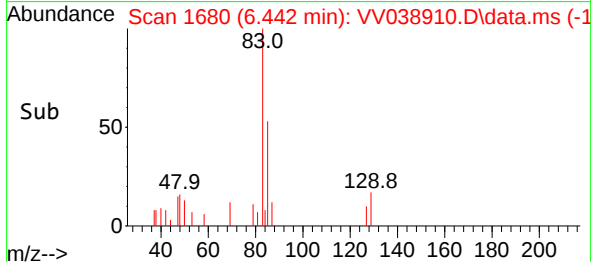
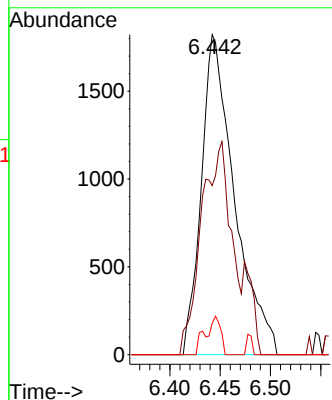
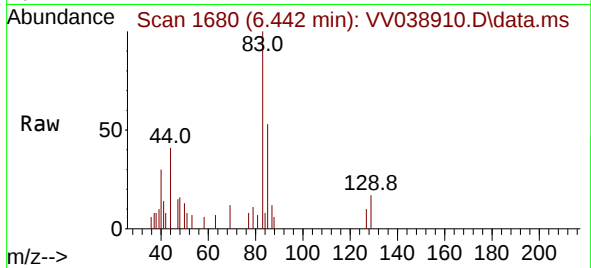




#47
Bromodichloromethane
Concen: 0.406 ug/l
RT: 6.442 min Scan# 1675
Delta R.T. 0.016 min
Lab File: VV038910.D
Acq: 16 Jul 2025 16:03

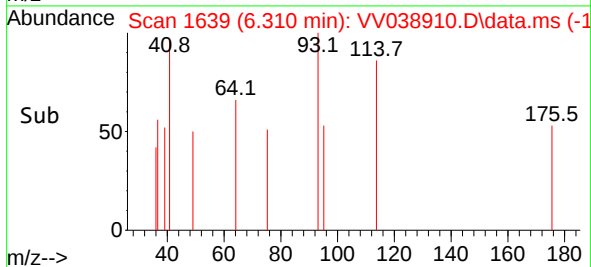
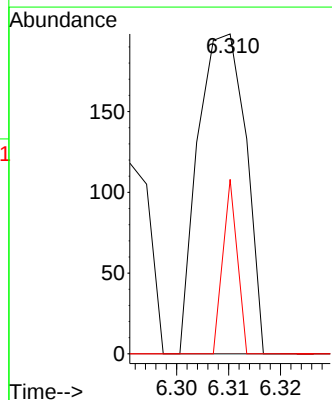
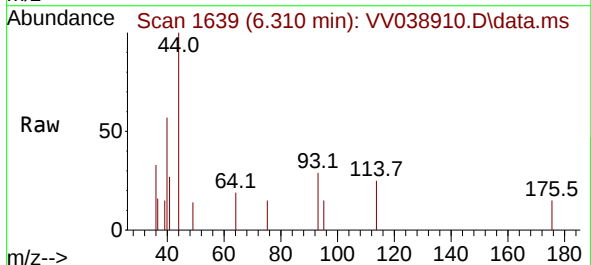
Instrument :
MSVOA_V
ClientSampleId :
MDL03

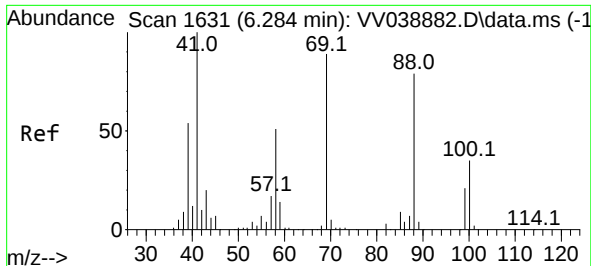
Tgt Ion: 83 Resp: 4178
Ion Ratio Lower Upper
83 100
85 52.9 51.4 77.0
127 9.8 6.9 10.3



#48
Methyl methacrylate
Concen: 0.022 ug/l
RT: 6.310 min Scan# 1639
Delta R.T. 0.016 min
Lab File: VV038910.D
Acq: 16 Jul 2025 16:03

Tgt Ion: 41 Resp: 127
Ion Ratio Lower Upper
41 100
69 0.0 79.4 119.2#
39 16.5 44.0 66.0#





#49

1,4-Dioxane

Concen: 0.328 ug/l

RT: 6.317 min Scan# 1

Delta R.T. 0.033 min

Lab File: VV038910.D

Acq: 16 Jul 2025 16:03

Instrument :

MSVOA_V

ClientSampleId :

MDL03

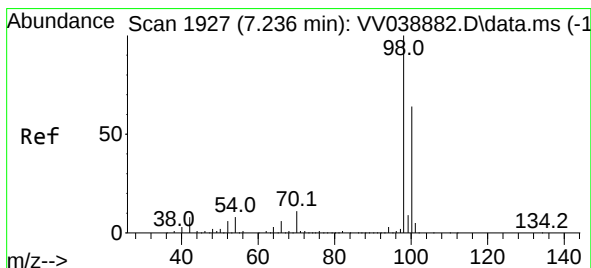
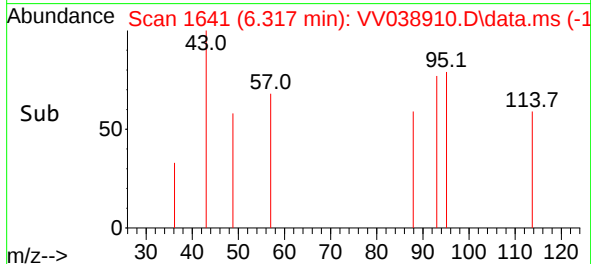
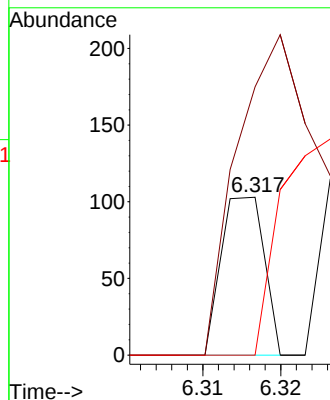
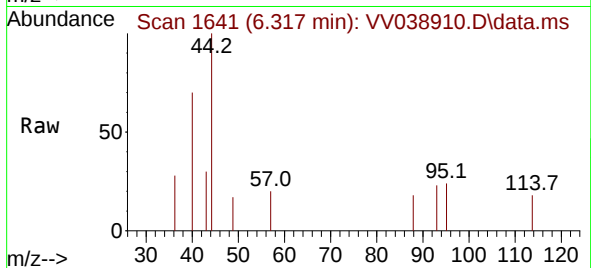
Tgt Ion: 88 Resp: 40

Ion Ratio Lower Upper

88 100

43 372.5 23.0 34.4#

58 0.0 53.8 80.6#



#50

Toluene-d8

Concen: 51.561 ug/l

RT: 7.236 min Scan# 1927

Delta R.T. 0.000 min

Lab File: VV038910.D

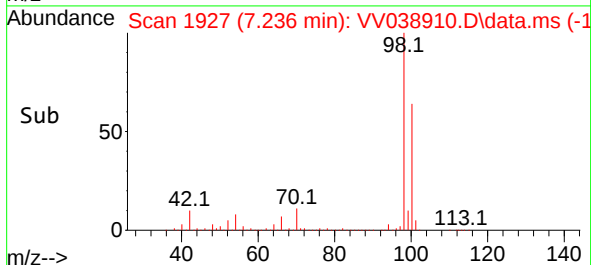
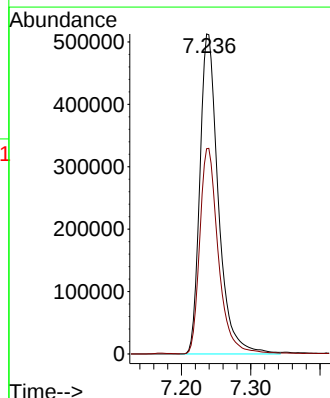
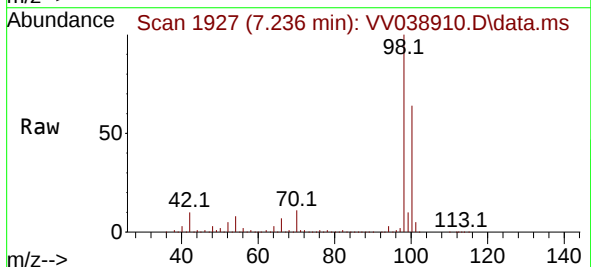
Acq: 16 Jul 2025 16:03

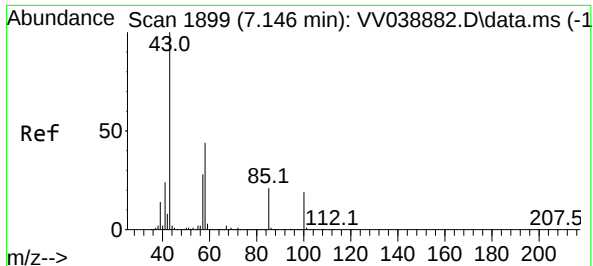
Tgt Ion: 98 Resp: 949516

Ion Ratio Lower Upper

98 100

100 64.6 52.9 79.3





#51

4-Methyl-2-Pentanone

Concen: 1.424 ug/l

RT: 7.166 min Scan# 1905

Delta R.T. 0.019 min

Lab File: VV038910.D

Acq: 16 Jul 2025 16:03

Instrument :

MSVOA_V

ClientSampleId :

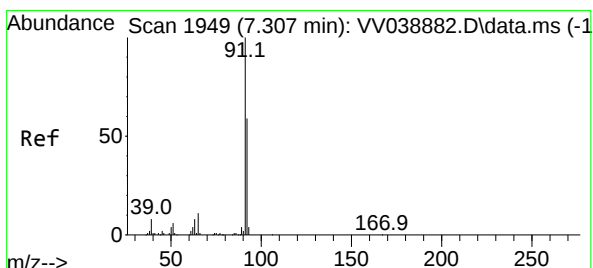
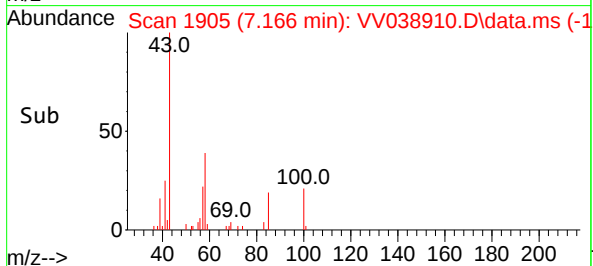
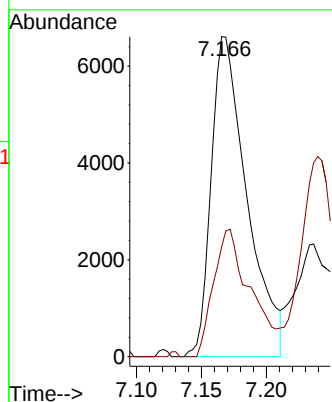
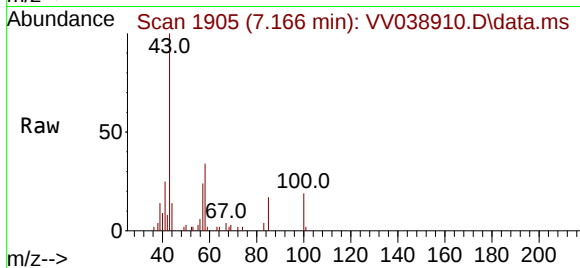
MDL03

Tgt Ion: 43 Resp: 12645

Ion Ratio Lower Upper

43 100

58 40.6 34.5 51.7



#52

Toluene

Concen: 0.366 ug/l

RT: 7.330 min Scan# 1956

Delta R.T. 0.023 min

Lab File: VV038910.D

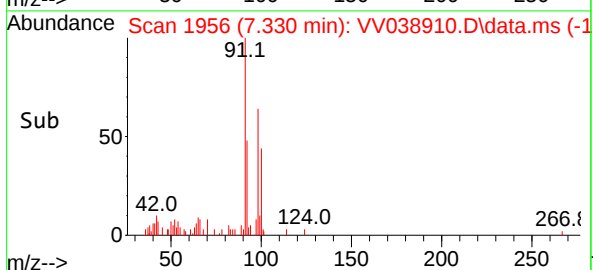
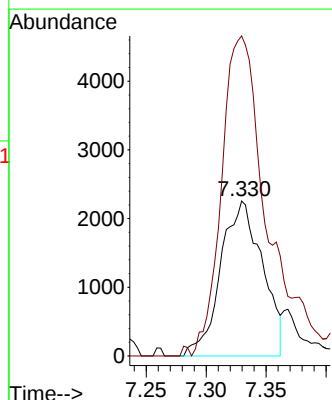
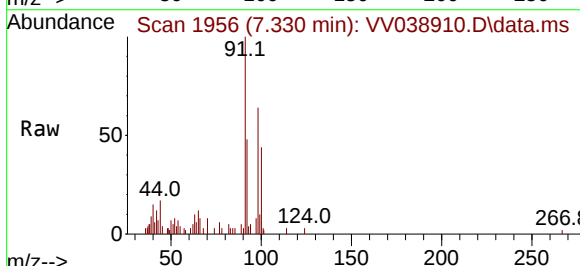
Acq: 16 Jul 2025 16:03

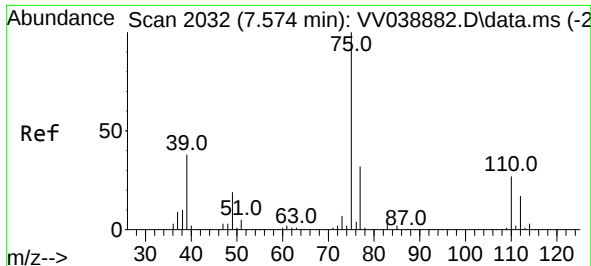
Tgt Ion: 92 Resp: 5475

Ion Ratio Lower Upper

92 100

91 223.5 137.1 205.7#





#53

t-1,3-Dichloropropene

Concen: 0.222 ug/l

RT: 7.609 min Scan# 2032

Delta R.T. 0.035 min

Lab File: VV038910.D

Acq: 16 Jul 2025 16:03

Instrument :

MSVOA_V

ClientSampleId :

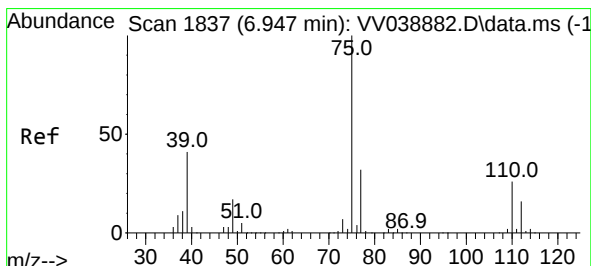
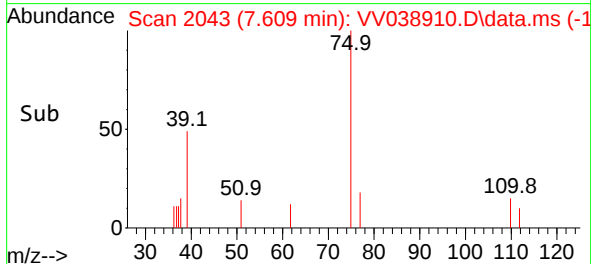
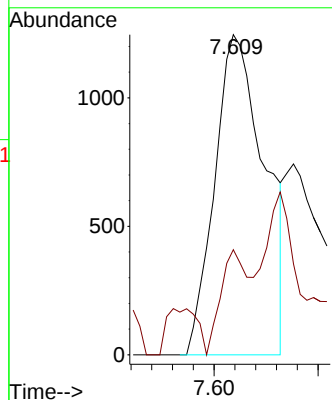
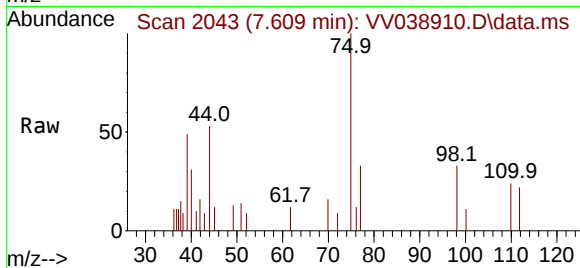
MDL03

Tgt Ion: 75 Resp: 2068

Ion Ratio Lower Upper

75 100

77 19.5 26.0 39.0#



#54

cis-1,3-Dichloropropene

Concen: 0.349 ug/l

RT: 6.979 min Scan# 1847

Delta R.T. 0.032 min

Lab File: VV038910.D

Acq: 16 Jul 2025 16:03

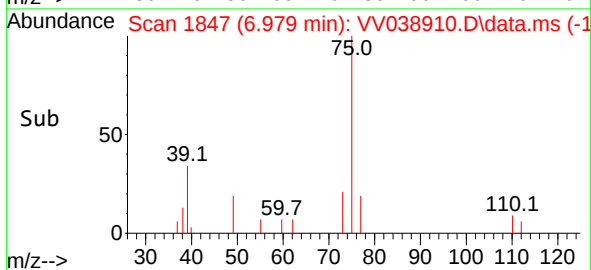
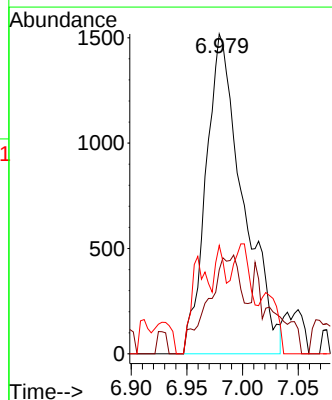
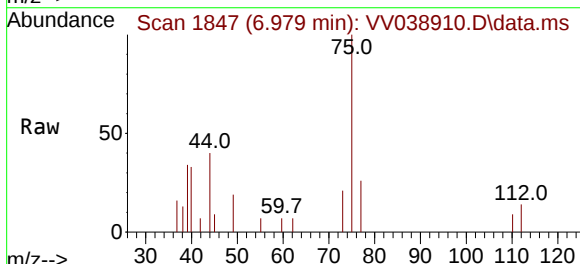
Tgt Ion: 75 Resp: 3517

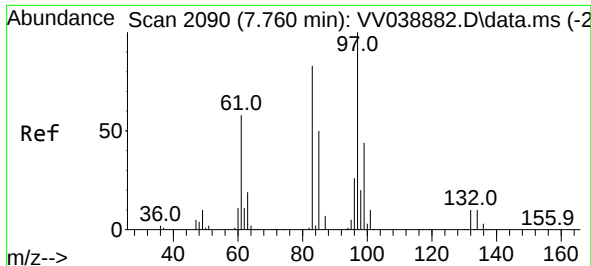
Ion Ratio Lower Upper

75 100

77 26.3 25.5 38.3

39 33.9 33.1 49.7





#55

1,1,2-Trichloroethane

Concen: 0.316 ug/l

RT: 7.786 min Scan# 2098

Delta R.T. 0.026 min

Lab File: VV038910.D

Acq: 16 Jul 2025 16:03

Instrument :

MSVOA_V

ClientSampleId :

MDL03

Tgt Ion: 97 Resp: 2259

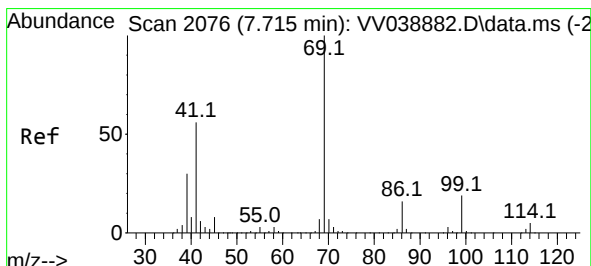
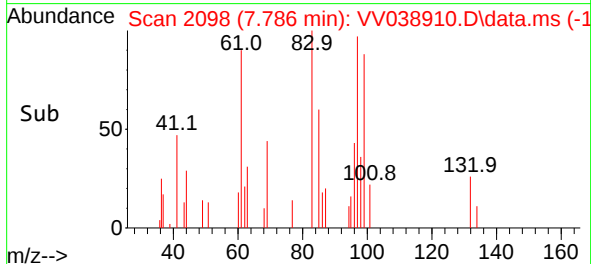
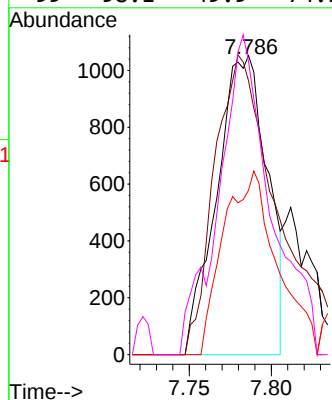
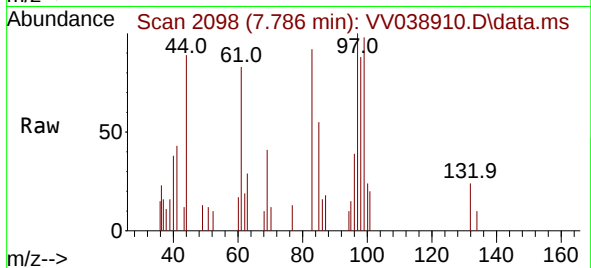
Ion Ratio Lower Upper

97 100

83 91.6 66.2 99.4

85 54.9 41.4 62.2

99 98.1 49.9 74.9#



#56

Ethyl methacrylate

Concen: 0.024 ug/l

RT: 7.744 min Scan# 2085

Delta R.T. 0.029 min

Lab File: VV038910.D

Acq: 16 Jul 2025 16:03

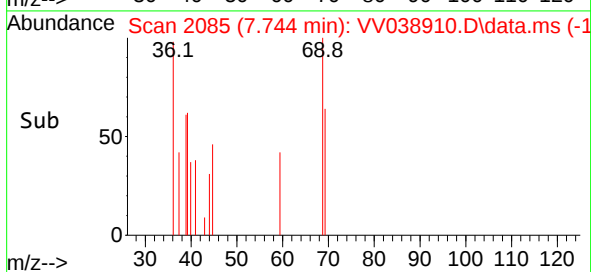
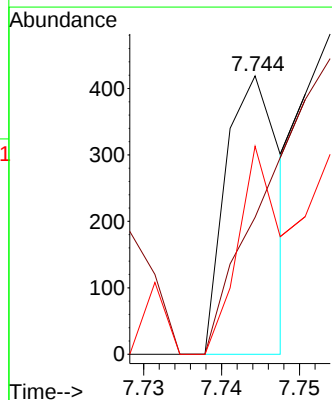
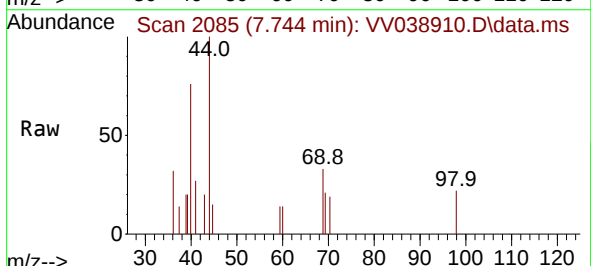
Tgt Ion: 69 Resp: 205

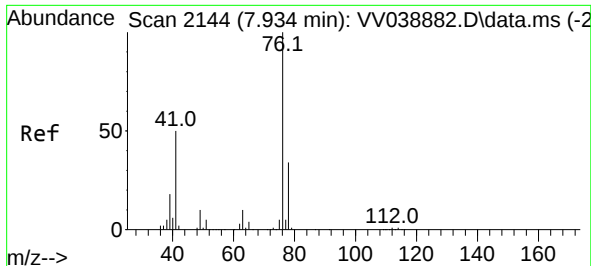
Ion Ratio Lower Upper

69 100

41 55.1 45.7 68.5

39 55.6 23.8 35.8#





#57

1,3-Dichloropropane

Concen: 0.376 ug/l

RT: 7.963 min Scan# 2144

Delta R.T. 0.029 min

Lab File: VV038910.D

Acq: 16 Jul 2025 16:03

Instrument :

MSVOA_V

ClientSampleId :

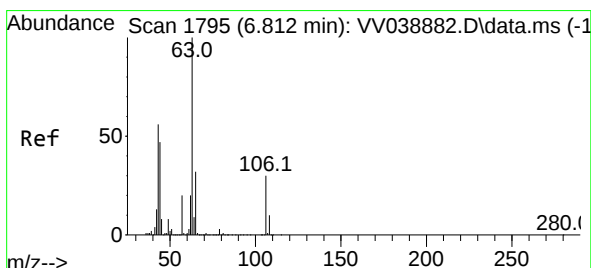
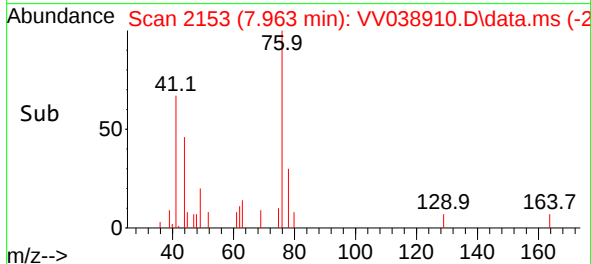
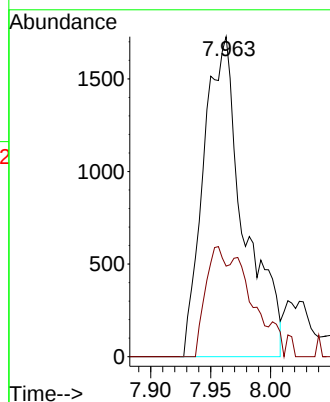
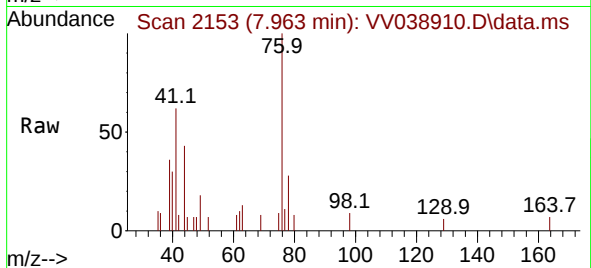
MDL03

Tgt Ion: 76 Resp: 4028

Ion Ratio Lower Upper

76 100

78 17.2 26.8 40.2#



#58

2-Chloroethyl Vinyl ether

Concen: 0.799 ug/l

RT: 6.863 min Scan# 1811

Delta R.T. 0.051 min

Lab File: VV038910.D

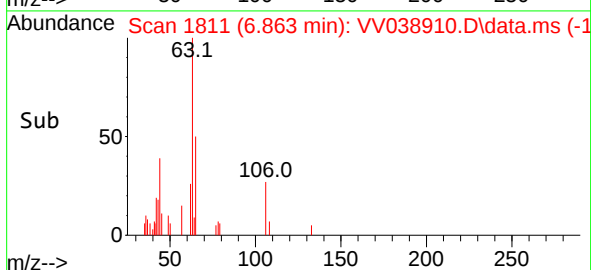
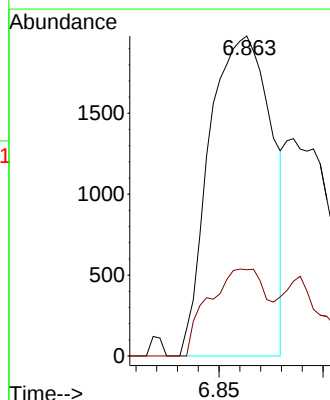
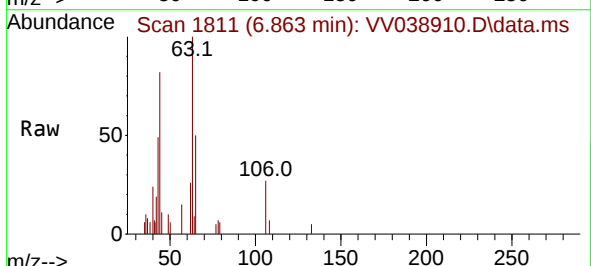
Acq: 16 Jul 2025 16:03

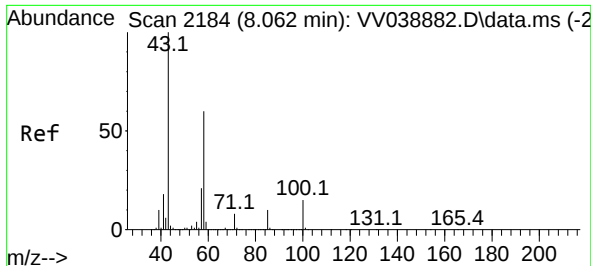
Tgt Ion: 63 Resp: 4095

Ion Ratio Lower Upper

63 100

106 25.3 24.1 36.1

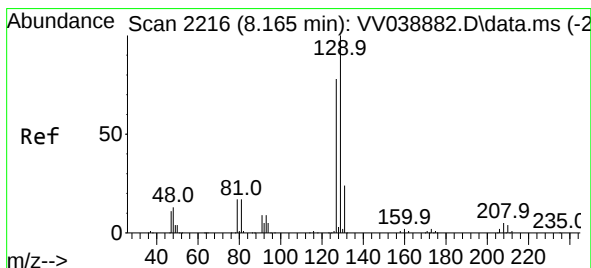
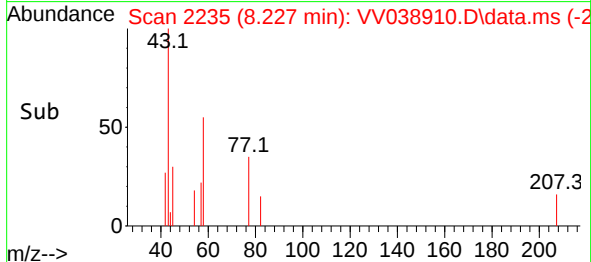
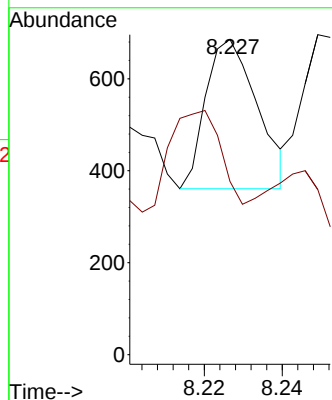
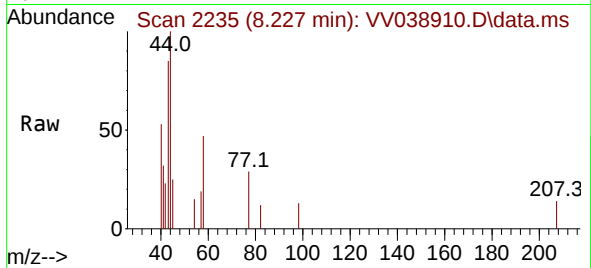




#59
2-Hexanone
Concen: 0.045 ug/l
RT: 8.227 min Scan# 2184
Delta R.T. 0.165 min
Lab File: VV038910.D
Acq: 16 Jul 2025 16:03

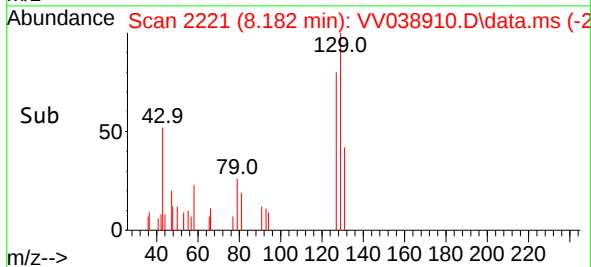
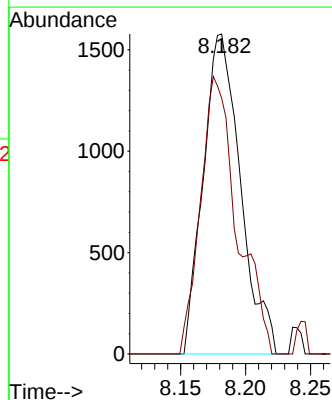
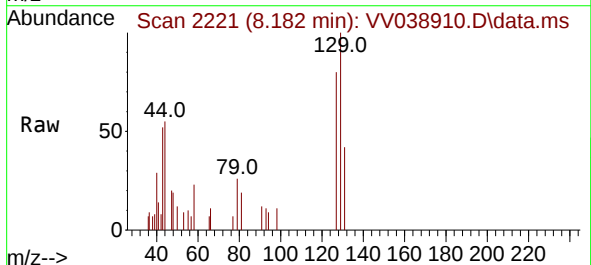
Instrument :
MSVOA_V
ClientSampleId :
MDL03

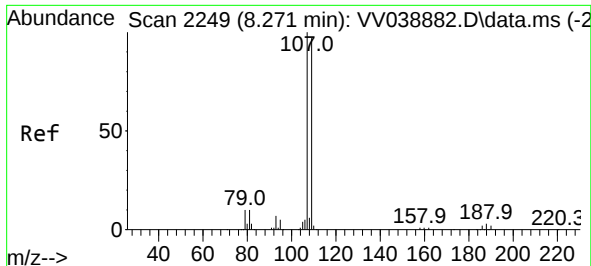
Tgt Ion: 43 Resp: 298
Ion Ratio Lower Upper
43 100
58 67.4 29.6 88.8



#60
Dibromochloromethane
Concen: 0.373 ug/l
RT: 8.182 min Scan# 2221
Delta R.T. 0.016 min
Lab File: VV038910.D
Acq: 16 Jul 2025 16:03

Tgt Ion: 129 Resp: 3142
Ion Ratio Lower Upper
129 100
127 85.5 39.4 118.2

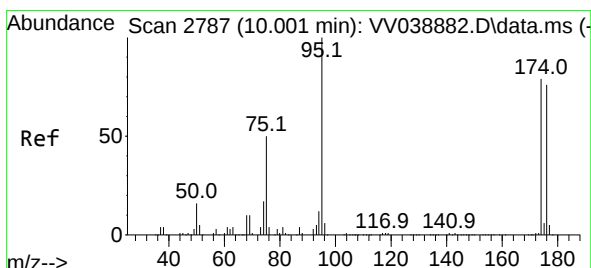
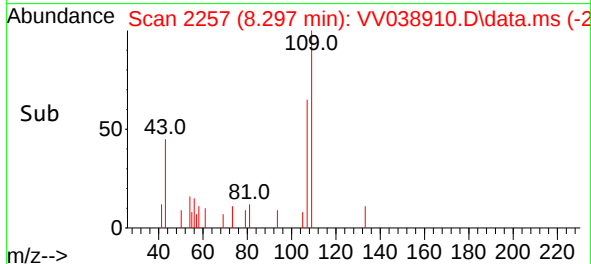
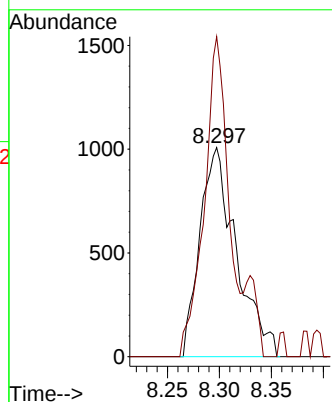
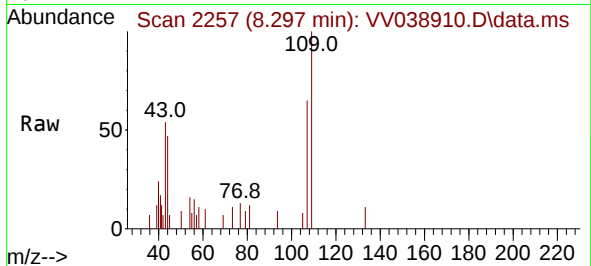




#61
1,2-Dibromoethane
Concen: 0.340 ug/l
RT: 8.297 min Scan# 21
Delta R.T. 0.026 min
Lab File: VV038910.D
Acq: 16 Jul 2025 16:03

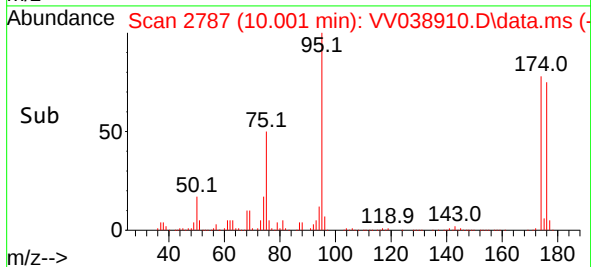
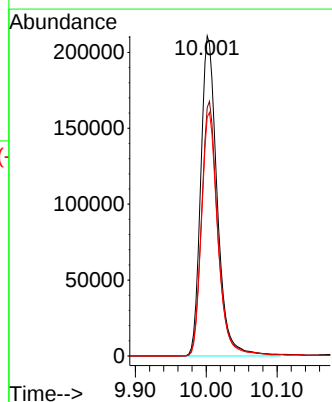
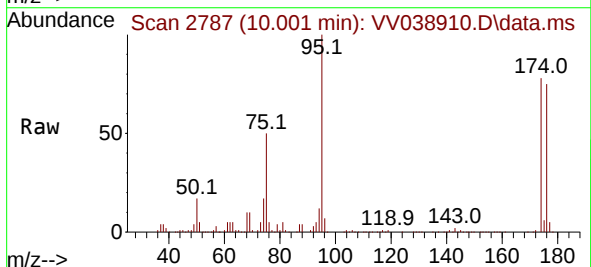
Instrument :
MSVOA_V
ClientSampleId :
MDL03

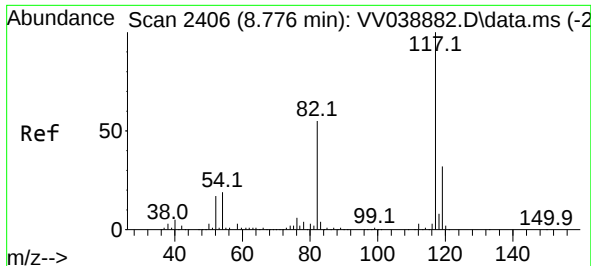
Tgt Ion:107 Resp: 2450
Ion Ratio Lower Upper
107 100
109 99.2 77.1 115.7



#62
4-Bromofluorobenzene
Concen: 45.760 ug/l
RT: 10.001 min Scan# 2787
Delta R.T. 0.000 min
Lab File: VV038910.D
Acq: 16 Jul 2025 16:03

Tgt Ion: 95 Resp: 339464
Ion Ratio Lower Upper
95 100
174 78.7 0.0 160.0
176 75.7 0.0 152.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 8.776 min Scan# 2406

Delta R.T. 0.000 min

Lab File: VV038910.D

Acq: 16 Jul 2025 16:03

Instrument :

MSVOA_V

ClientSampleId :

MDL03

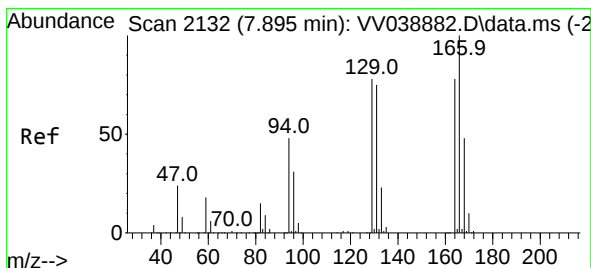
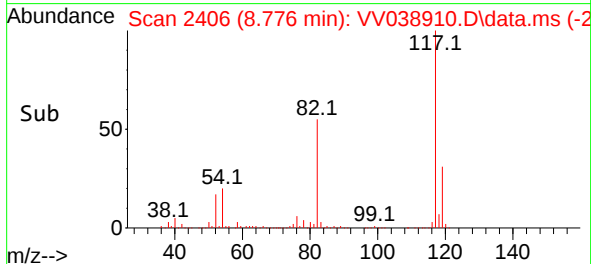
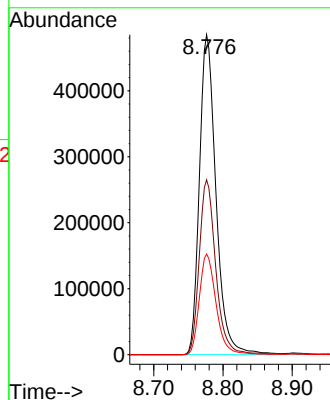
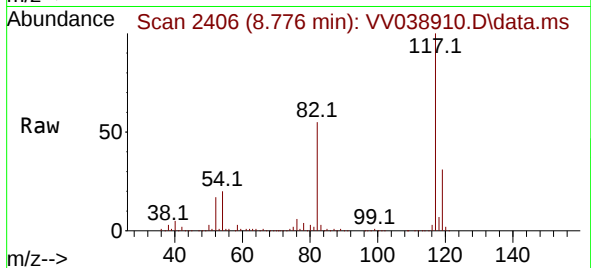
Tgt Ion:117 Resp: 808974

Ion Ratio Lower Upper

117 100

82 54.7 43.7 65.5

119 31.5 25.4 38.0



#64

Tetrachloroethene

Concen: 0.502 ug/l

RT: 7.908 min Scan# 2136

Delta R.T. 0.013 min

Lab File: VV038910.D

Acq: 16 Jul 2025 16:03

Tgt Ion:164 Resp: 2664

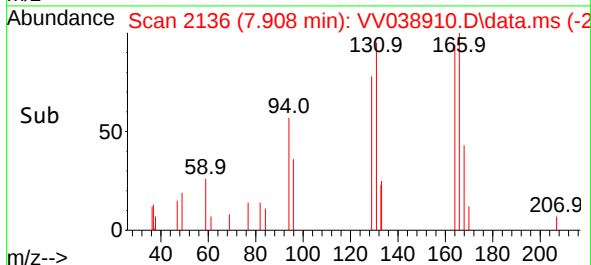
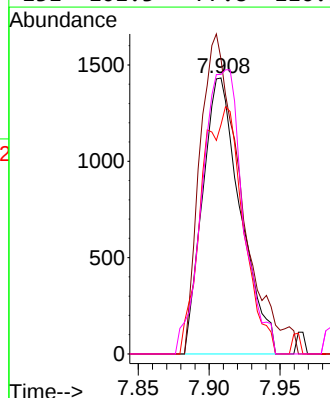
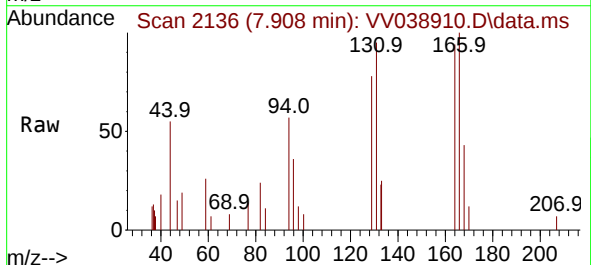
Ion Ratio Lower Upper

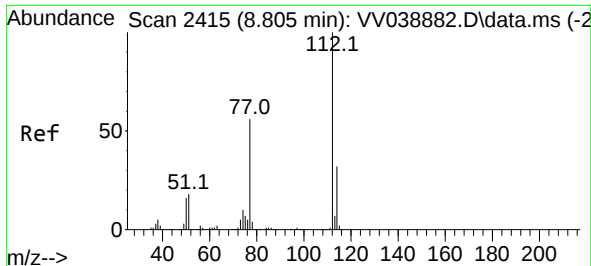
164 100

166 106.8 103.2 154.8

129 83.0 81.0 121.4

131 101.3 77.8 116.8

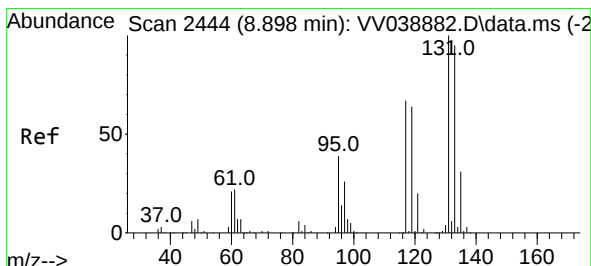
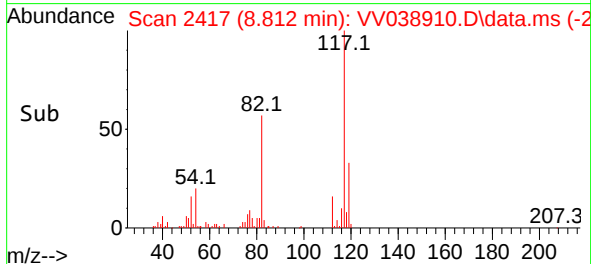
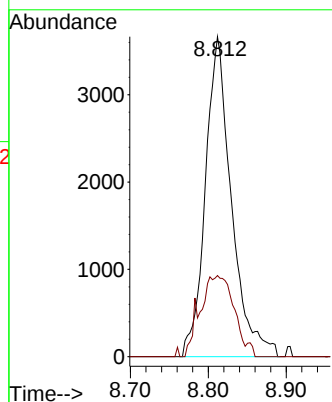
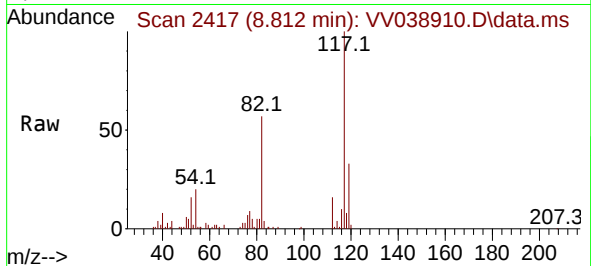




#65
Chlorobenzene
Concen: 0.482 ug/l
RT: 8.812 min Scan# 2415
Delta R.T. 0.007 min
Lab File: VV038910.D
Acq: 16 Jul 2025 16:03

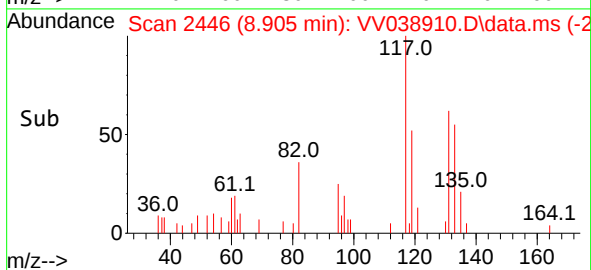
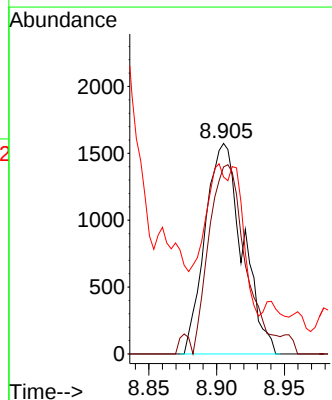
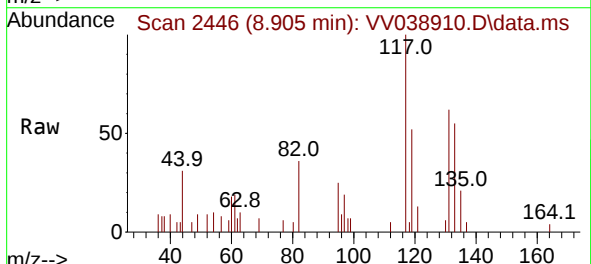
Instrument :
MSVOA_V
ClientSampleId :
MDL03

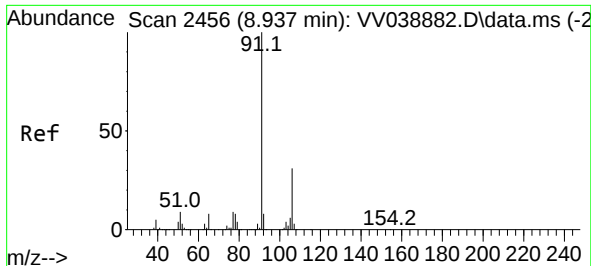
Tgt Ion:112 Resp: 8527
Ion Ratio Lower Upper
112 100
114 25.3 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 0.431 ug/l
RT: 8.905 min Scan# 2446
Delta R.T. 0.007 min
Lab File: VV038910.D
Acq: 16 Jul 2025 16:03

Tgt Ion:131 Resp: 3040
Ion Ratio Lower Upper
131 100
133 90.1 47.6 142.9
119 0.0 32.0 96.2#





#67

Ethyl Benzene

Concen: 0.348 ug/l

RT: 8.953 min Scan# 2456

Delta R.T. 0.016 min

Lab File: VV038910.D

Acq: 16 Jul 2025 16:03

Instrument :

MSVOA_V

ClientSampleId :

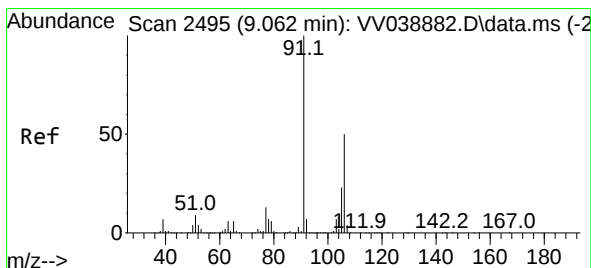
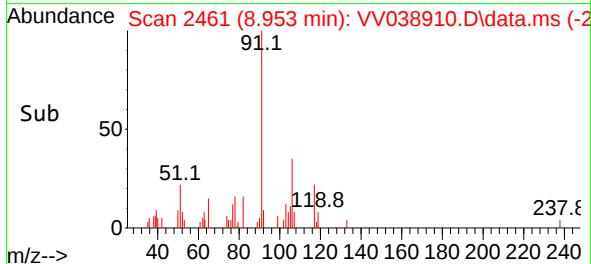
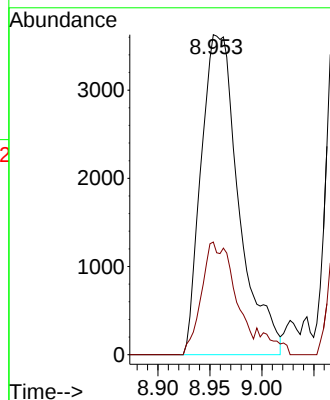
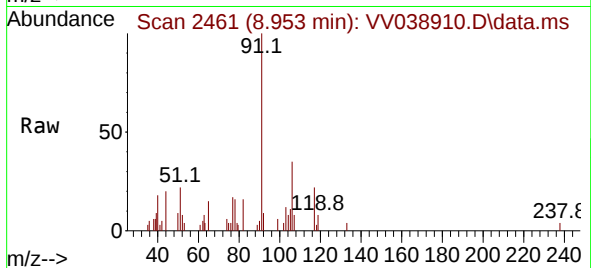
MDL03

Tgt Ion: 91 Resp: 9144

Ion Ratio Lower Upper

91 100

106 35.2 24.8 37.2



#68

m/p-Xylenes

Concen: 0.685 ug/l

RT: 9.079 min Scan# 2500

Delta R.T. 0.016 min

Lab File: VV038910.D

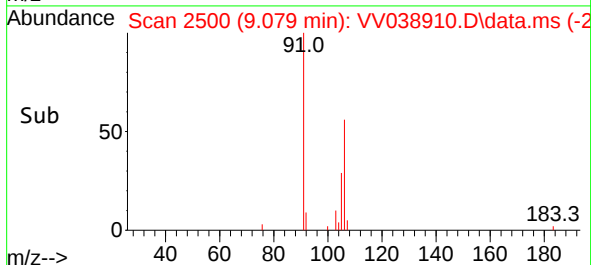
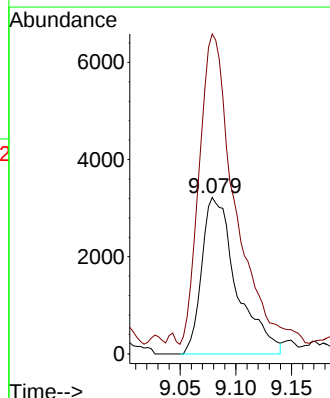
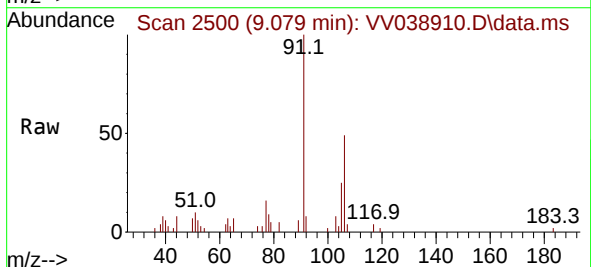
Acq: 16 Jul 2025 16:03

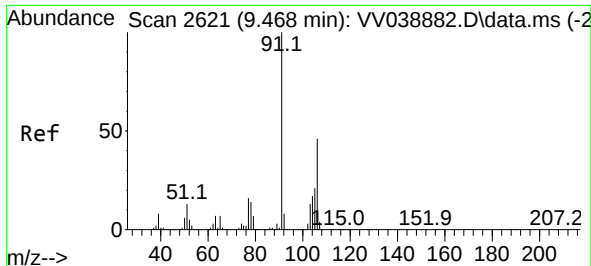
Tgt Ion:106 Resp: 6998

Ion Ratio Lower Upper

106 100

91 203.0 161.0 241.6





#69

o-Xylene

Concen: 0.360 ug/l

RT: 9.481 min Scan# 2

Delta R.T. 0.013 min

Lab File: VV038910.D

Acq: 16 Jul 2025 16:03

Instrument :

MSVOA_V

ClientSampleId :

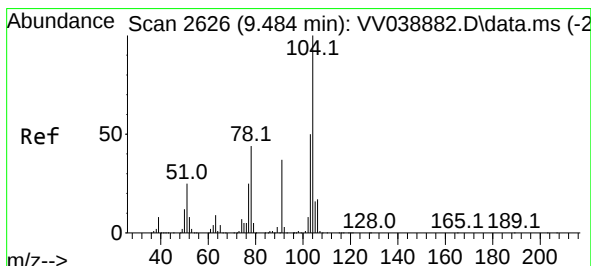
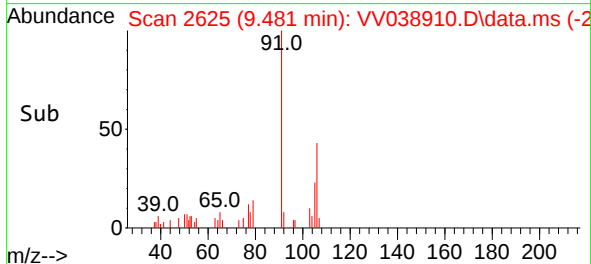
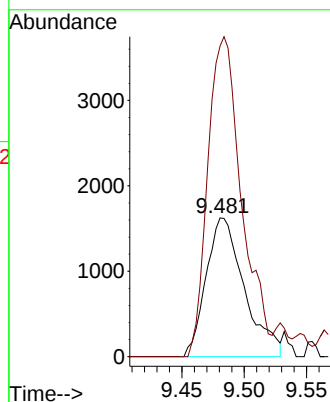
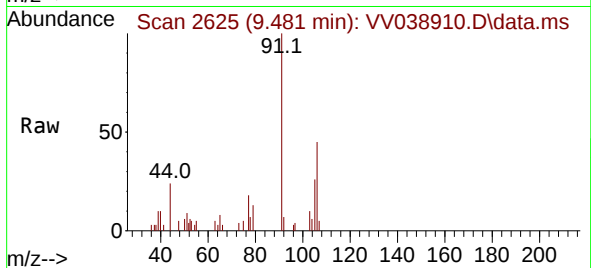
MDL03

Tgt Ion:106 Resp: 3476

Ion Ratio Lower Upper

106 100

91 204.6 108.9 326.6



#70

Styrene

Concen: 0.028 ug/l

RT: 9.490 min Scan# 2628

Delta R.T. 0.007 min

Lab File: VV038910.D

Acq: 16 Jul 2025 16:03

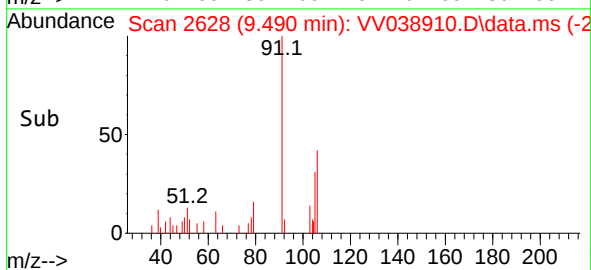
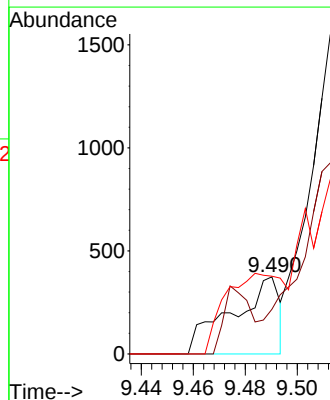
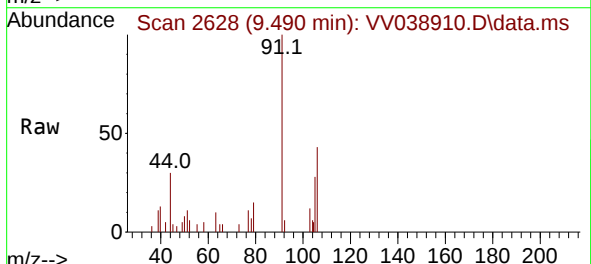
Tgt Ion:104 Resp: 471

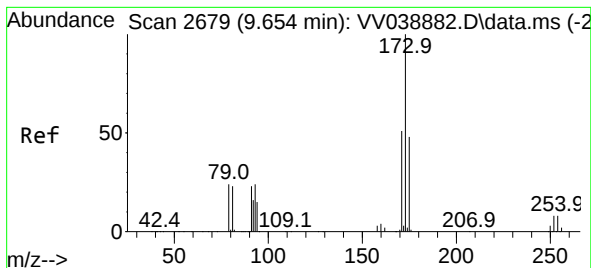
Ion Ratio Lower Upper

104 100

78 48.2 39.9 59.9

103 120.0 43.4 65.2#





#71

Bromoform

Concen: 0.413 ug/l

RT: 9.664 min Scan# 2

Delta R.T. 0.010 min

Lab File: VV038910.D

Acq: 16 Jul 2025 16:03

Instrument :

MSVOA_V

ClientSampleId :

MDL03

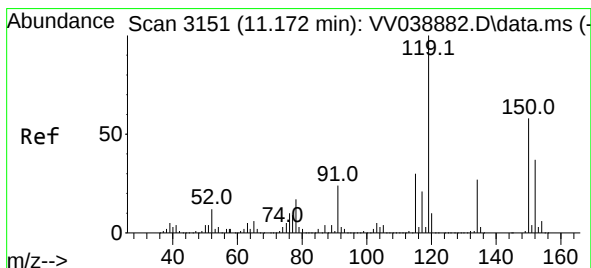
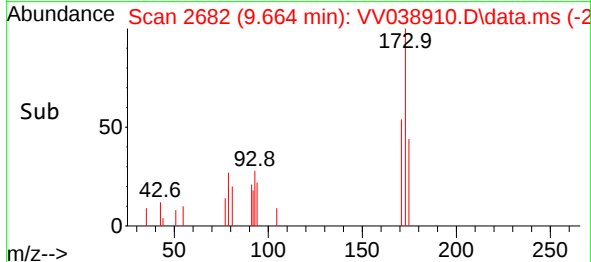
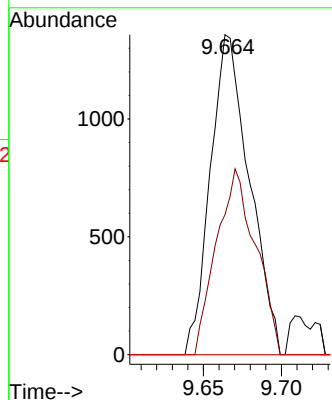
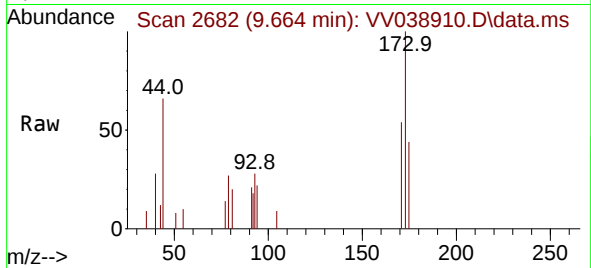
Tgt Ion:173 Resp: 2365

Ion Ratio Lower Upper

173 100

175 58.4 23.5 70.6

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.175 min Scan# 3152

Delta R.T. 0.003 min

Lab File: VV038910.D

Acq: 16 Jul 2025 16:03

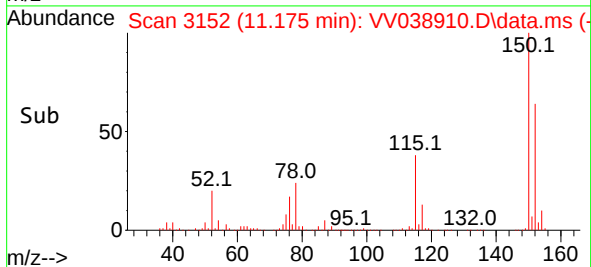
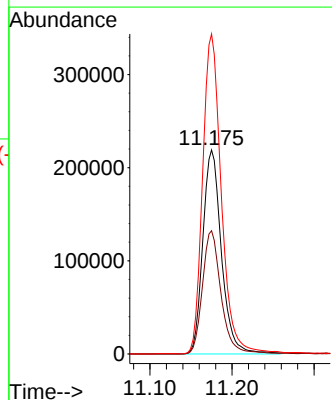
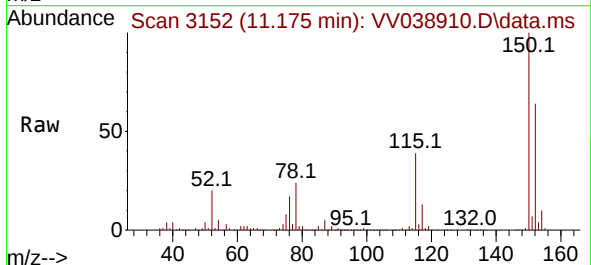
Tgt Ion:152 Resp: 345301

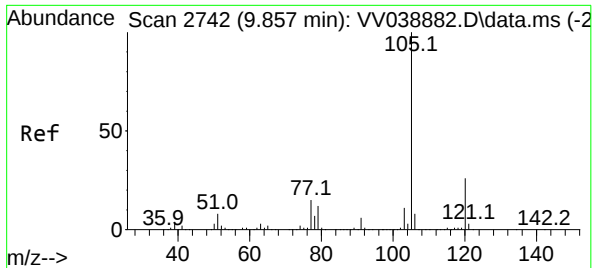
Ion Ratio Lower Upper

152 100

115 60.2 41.8 125.4

150 157.5 0.0 342.4

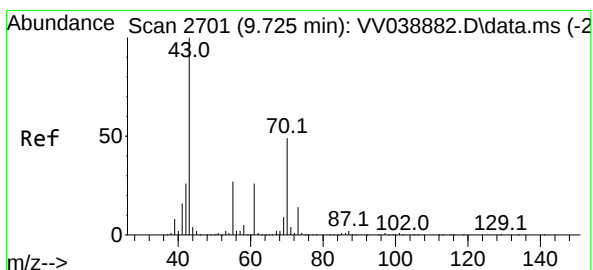
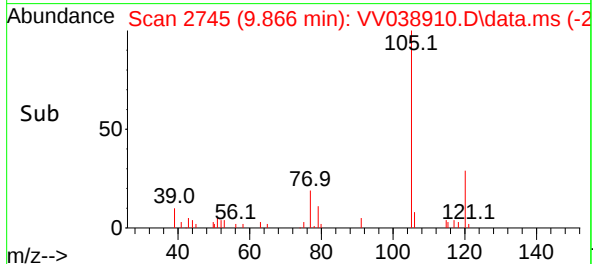
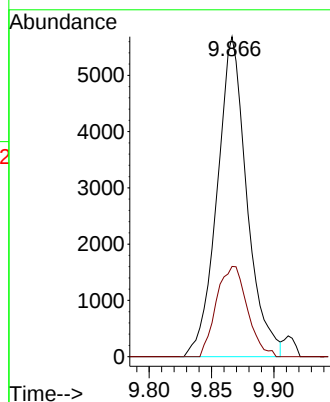
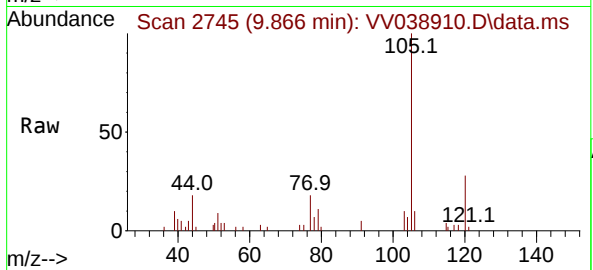




#73
Isopropylbenzene
Concen: 0.458 ug/l
RT: 9.866 min Scan# 2111
Delta R.T. 0.010 min
Lab File: VV038910.D
Acq: 16 Jul 2025 16:03

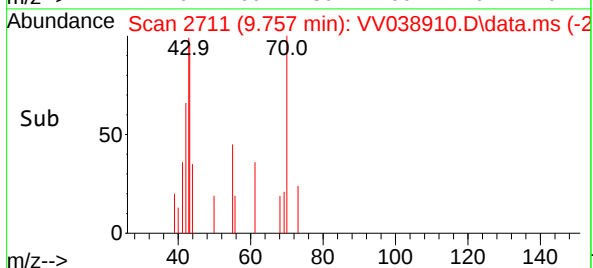
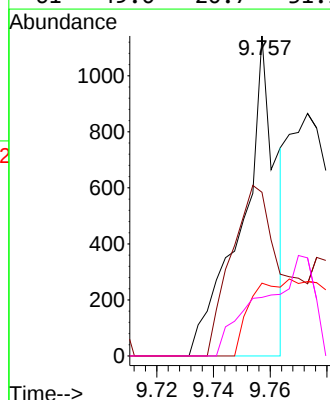
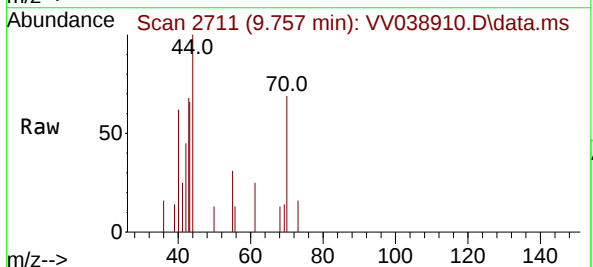
Instrument :
MSVOA_V
ClientSampleId :
MDL03

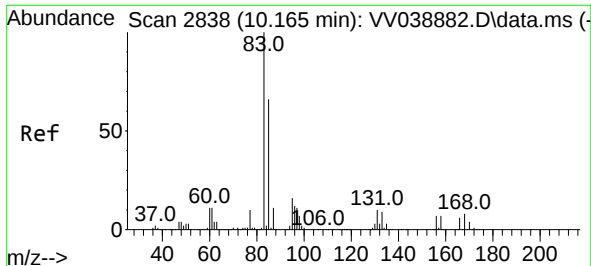
Tgt Ion:105 Resp: 9450
Ion Ratio Lower Upper
105 100
120 29.2 12.9 38.7



#74
N-ethyl acetate
Concen: 0.125 ug/l
RT: 9.757 min Scan# 2711
Delta R.T. 0.032 min
Lab File: VV038910.D
Acq: 16 Jul 2025 16:03

Tgt Ion: 43 Resp: 943
Ion Ratio Lower Upper
43 100
70 78.4 38.6 58.0#
55 67.0 21.8 32.8#
61 49.0 20.7 31.1#

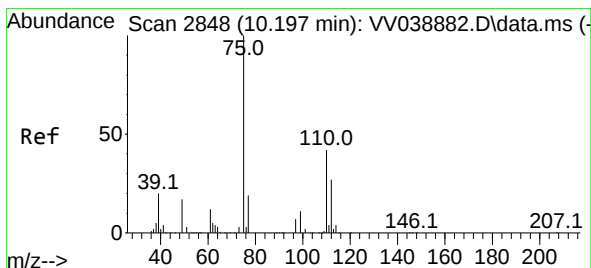
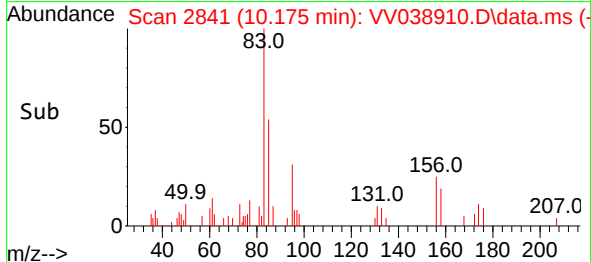
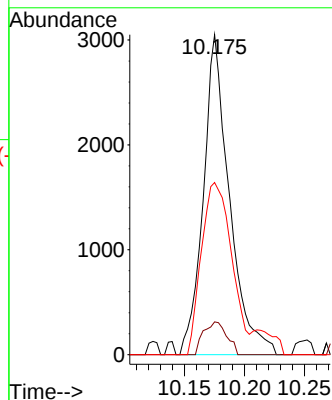
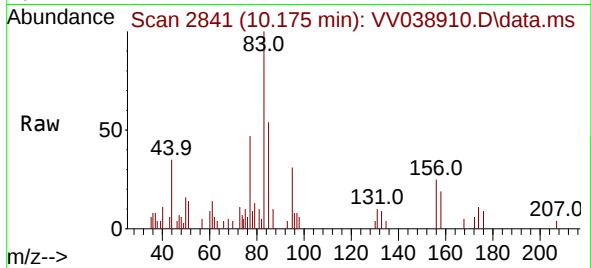




#75
 1,1,2-Tetrachloroethane
 Concen: 0.535 ug/l
 RT: 10.175 min Scan# 21
 Delta R.T. 0.010 min
 Lab File: VV038910.D
 Acq: 16 Jul 2025 16:03

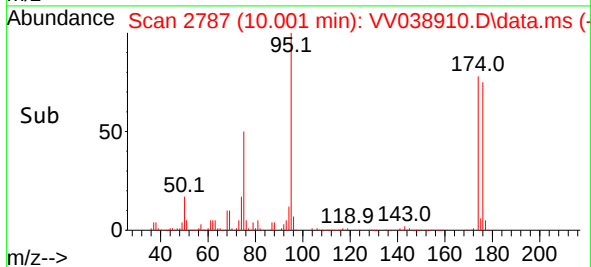
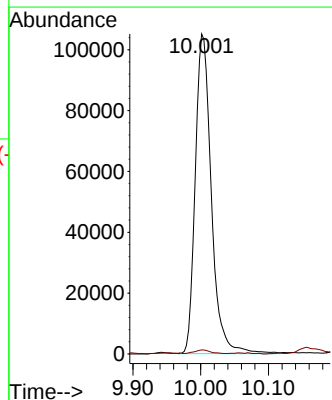
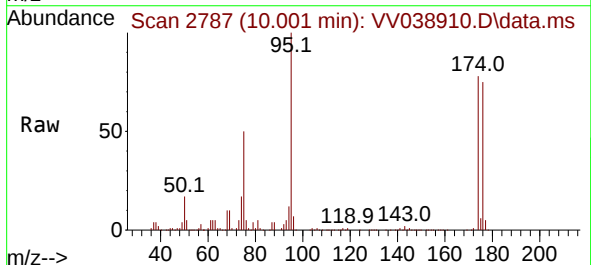
Instrument :
 MSVOA_V
 ClientSampleId :
 MDL03

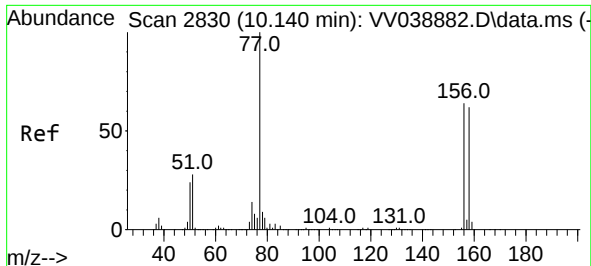
Tgt Ion: 83 Resp: 4620
 Ion Ratio Lower Upper
 83 100
 131 9.1 5.1 15.4
 85 62.3 32.6 97.7



#76
 1,2,3-Trichloropropane
 Concen: 26.905 ug/l
 RT: 10.001 min Scan# 2787
 Delta R.T. -0.196 min
 Lab File: VV038910.D
 Acq: 16 Jul 2025 16:03

Tgt Ion: 75 Resp: 172730
 Ion Ratio Lower Upper
 75 100
 77 1.1 17.4 52.3#

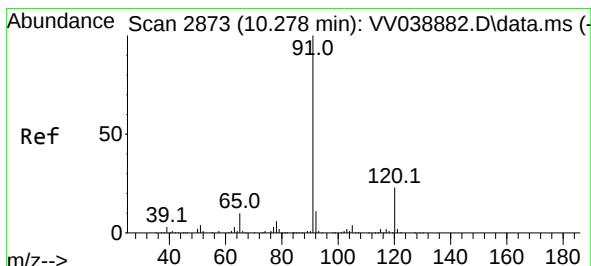
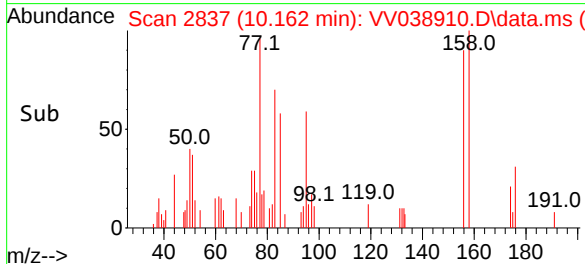
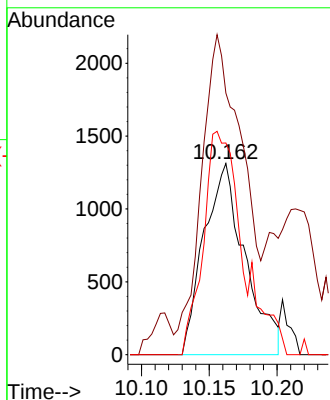
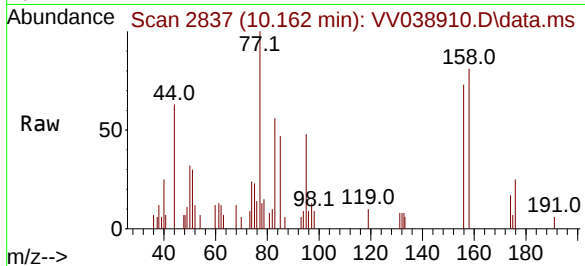




#77
Bromobenzene
Concen: 0.509 ug/l
RT: 10.162 min Scan# 2837
Delta R.T. 0.023 min
Lab File: VV038910.D
Acq: 16 Jul 2025 16:03

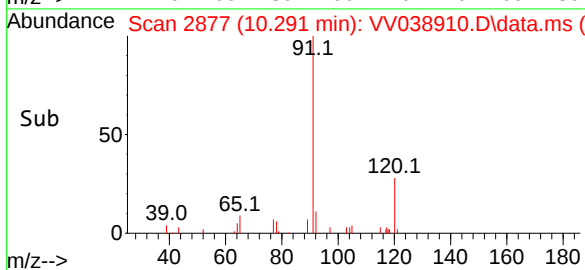
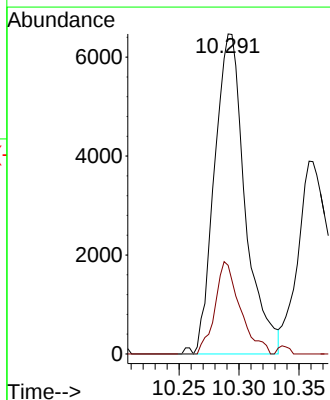
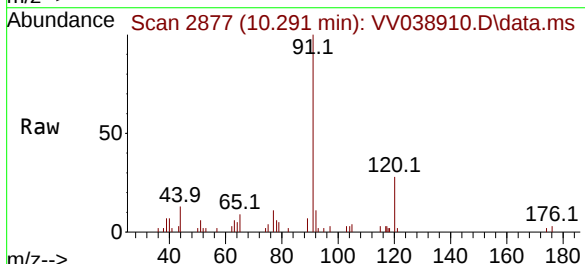
Instrument :
MSVOA_V
ClientSampleId :
MDL03

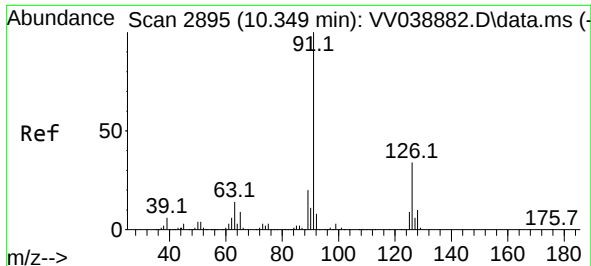
Tgt Ion:156 Resp: 2754
Ion Ratio Lower Upper
156 100
77 151.3 77.2 231.6
158 113.1 48.4 145.3



#78
n-propylbenzene
Concen: 0.478 ug/l
RT: 10.291 min Scan# 2877
Delta R.T. 0.013 min
Lab File: VV038910.D
Acq: 16 Jul 2025 16:03

Tgt Ion: 91 Resp: 11530
Ion Ratio Lower Upper
91 100
120 23.6 11.6 34.8

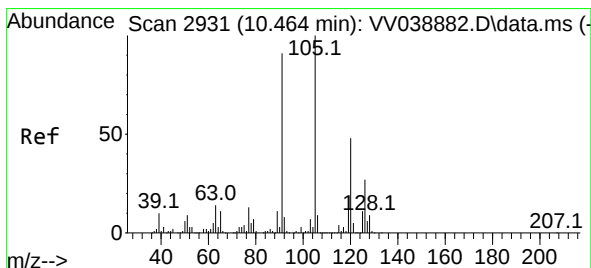
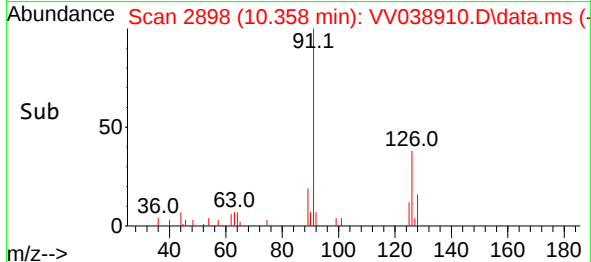
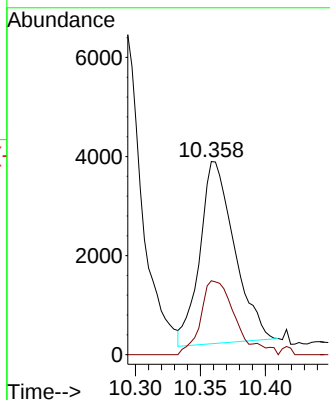
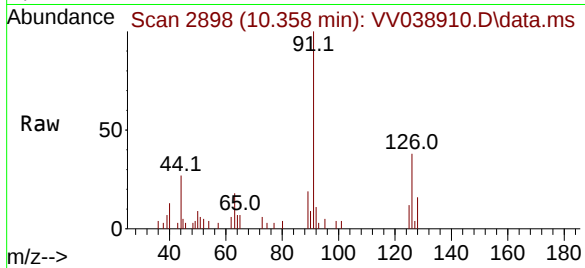




#79
2-Chlorotoluene
Concen: 0.443 ug/l
RT: 10.358 min Scan# 21
Delta R.T. 0.010 min
Lab File: VV038910.D
Acq: 16 Jul 2025 16:03

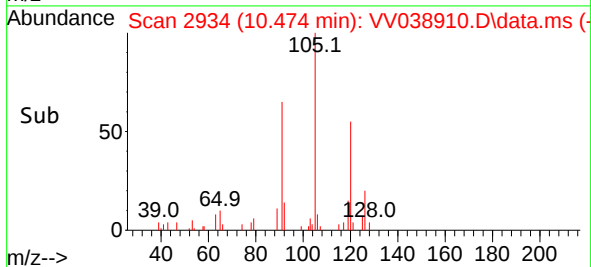
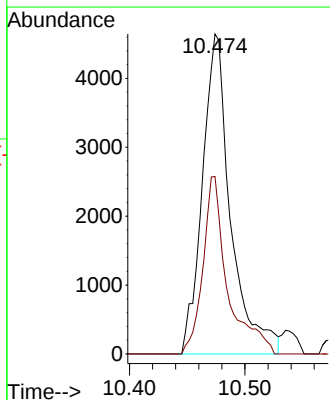
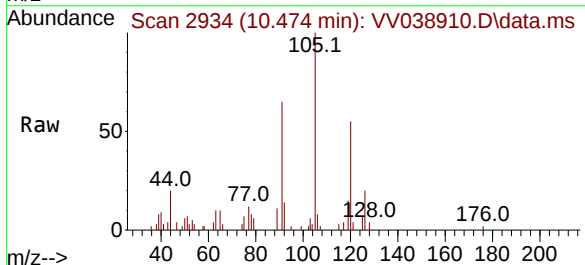
Instrument :
MSVOA_V
ClientSampleId :
MDL03

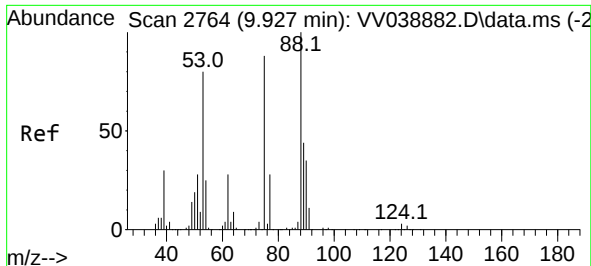
Tgt Ion: 91 Resp: 6793
Ion Ratio Lower Upper
91 100
126 40.7 17.1 51.2



#80
1,3,5-Trimethylbenzene
Concen: 0.453 ug/l
RT: 10.474 min Scan# 2934
Delta R.T. 0.010 min
Lab File: VV038910.D
Acq: 16 Jul 2025 16:03

Tgt Ion: 105 Resp: 7886
Ion Ratio Lower Upper
105 100
120 48.4 24.0 72.0

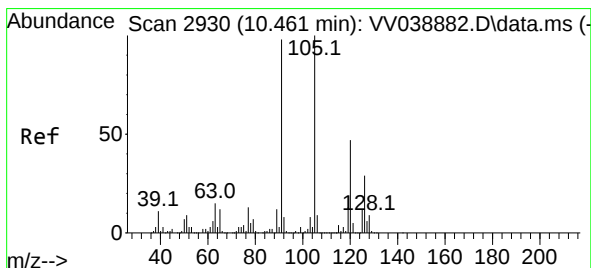
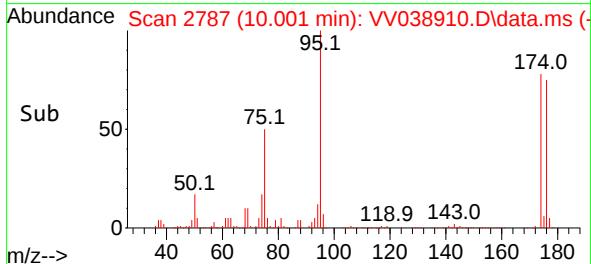
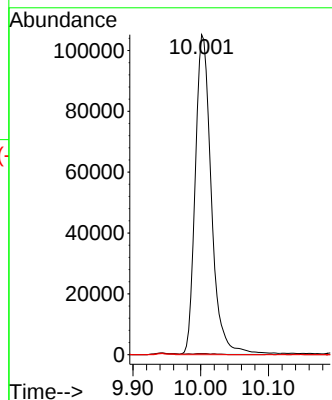
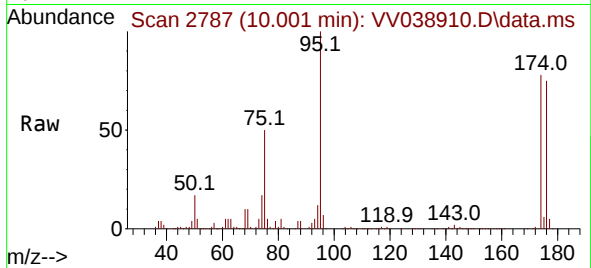




#81
trans-1,4-Dichloro-2-butene
Concen: 65.656 ug/l
RT: 10.001 min Scan# 21
Delta R.T. 0.074 min
Lab File: VV038910.D
Acq: 16 Jul 2025 16:03

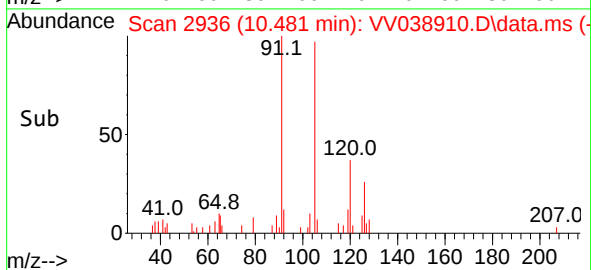
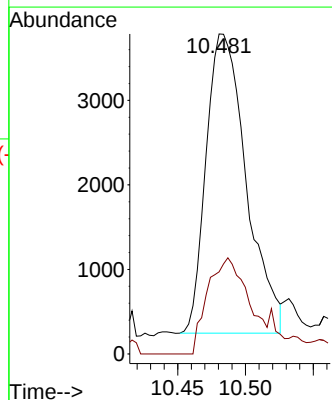
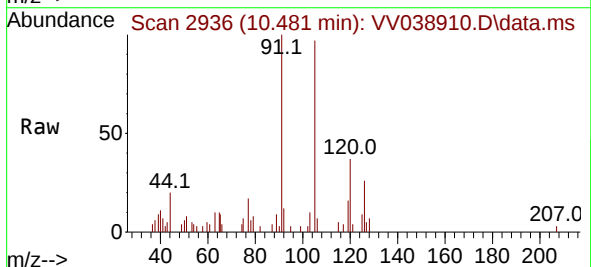
Instrument :
MSVOA_V
ClientSampleId :
MDL03

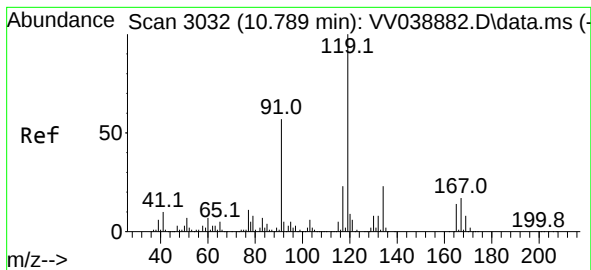
Tgt Ion: 75 Resp: 172730
Ion Ratio Lower Upper
75 100
53 0.1 71.3 106.9#
89 0.0 42.2 63.2#



#82
4-Chlorotoluene
Concen: 0.426 ug/l
RT: 10.481 min Scan# 2936
Delta R.T. 0.019 min
Lab File: VV038910.D
Acq: 16 Jul 2025 16:03

Tgt Ion: 91 Resp: 7309
Ion Ratio Lower Upper
91 100
126 32.7 14.9 44.9





#83

tert-Butylbenzene

Concen: 0.457 ug/l

RT: 10.792 min Scan# 3032

Delta R.T. 0.003 min

Lab File: VV038910.D

Acq: 16 Jul 2025 16:03

Instrument :

MSVOA_V

ClientSampleId :

MDL03

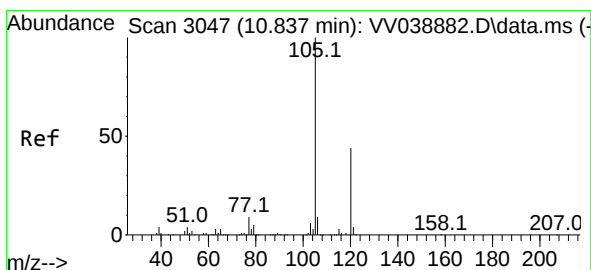
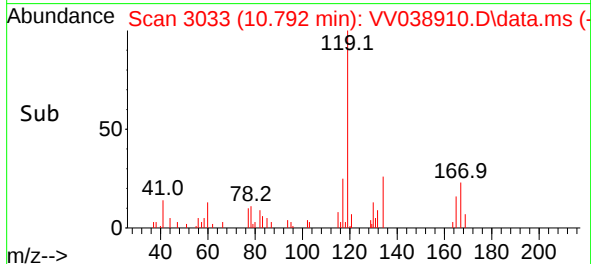
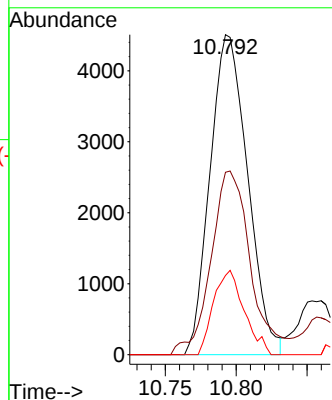
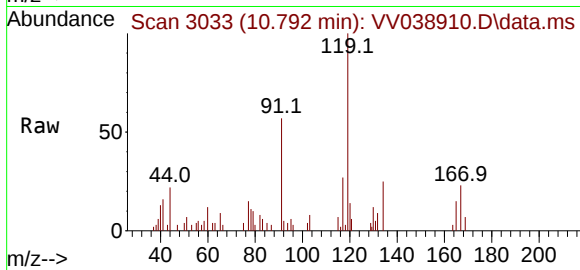
Tgt Ion:119 Resp: 8331

Ion Ratio Lower Upper

119 100

91 60.3 28.1 84.2

134 21.4 11.4 34.1



#84

1,2,4-Trimethylbenzene

Concen: 0.440 ug/l

RT: 10.850 min Scan# 3051

Delta R.T. 0.013 min

Lab File: VV038910.D

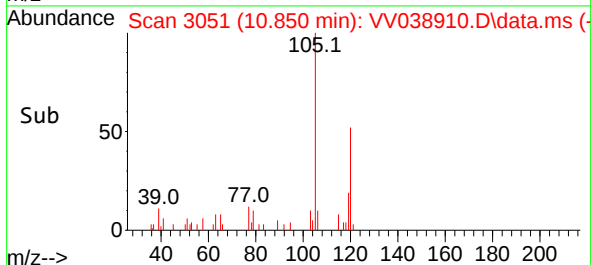
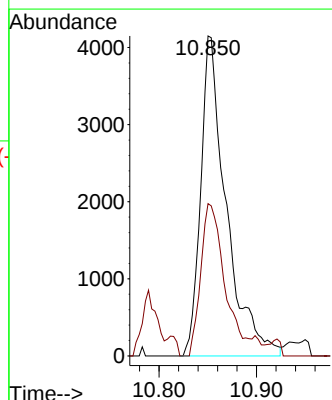
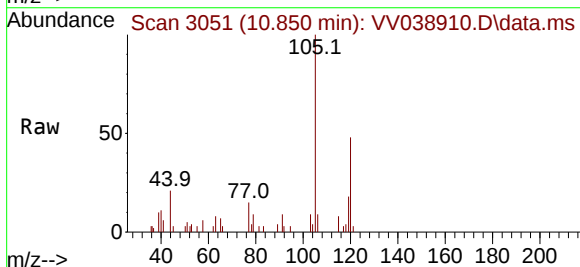
Acq: 16 Jul 2025 16:03

Tgt Ion:105 Resp: 7540

Ion Ratio Lower Upper

105 100

120 44.8 22.6 67.8





#85

sec-Butylbenzene

Concen: 0.435 ug/l

RT: 11.017 min Scan# 3101

Delta R.T. 0.007 min

Lab File: VV038910.D

Acq: 16 Jul 2025 16:03

Instrument :

MSVOA_V

ClientSampleId :

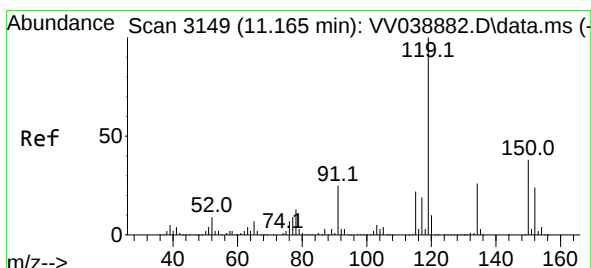
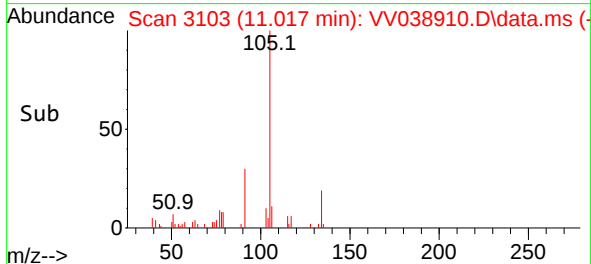
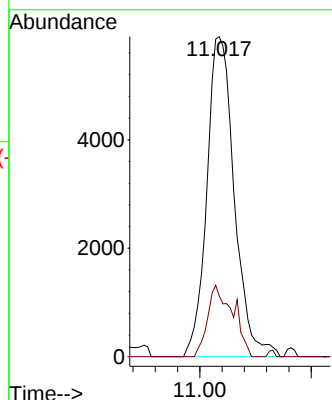
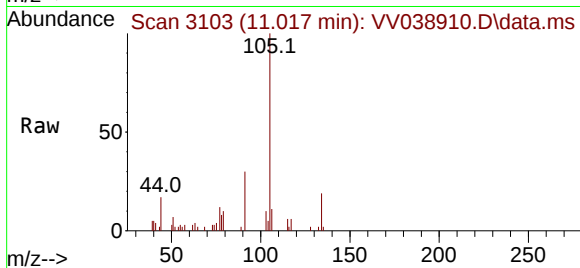
MDL03

Tgt Ion:105 Resp: 10125

Ion Ratio Lower Upper

105 100

134 20.7 9.9 29.7



#86

p-Isopropyltoluene

Concen: 0.457 ug/l

RT: 11.175 min Scan# 3152

Delta R.T. 0.010 min

Lab File: VV038910.D

Acq: 16 Jul 2025 16:03

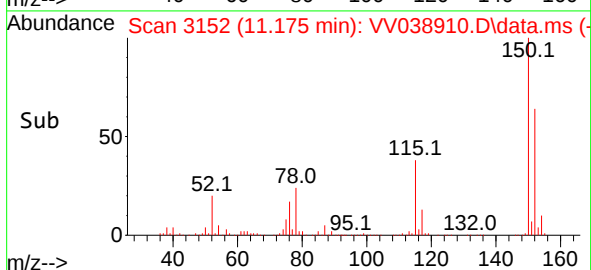
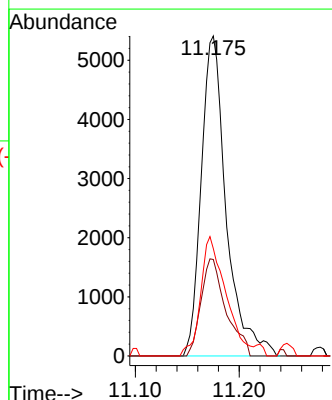
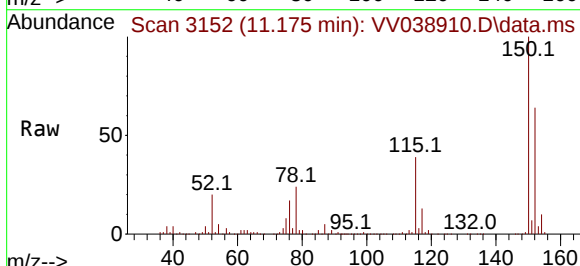
Tgt Ion:119 Resp: 9034

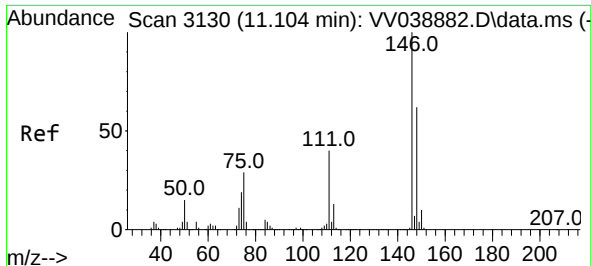
Ion Ratio Lower Upper

119 100

134 30.4 13.1 39.3

91 37.7 12.3 36.8#

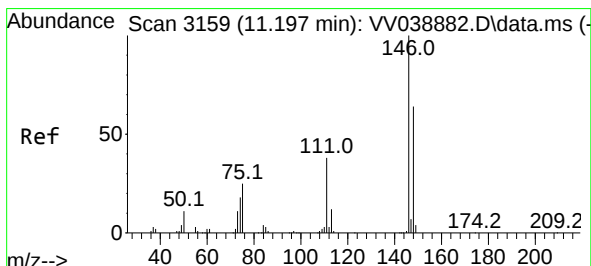
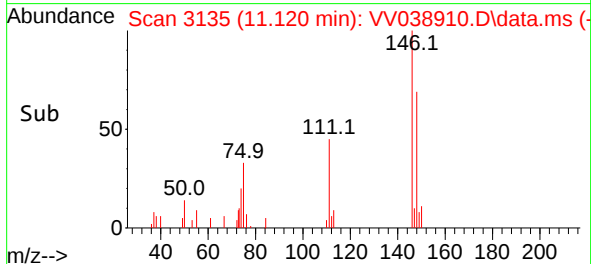
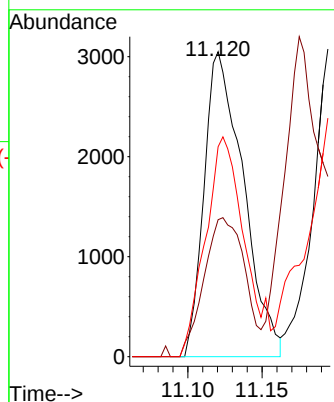
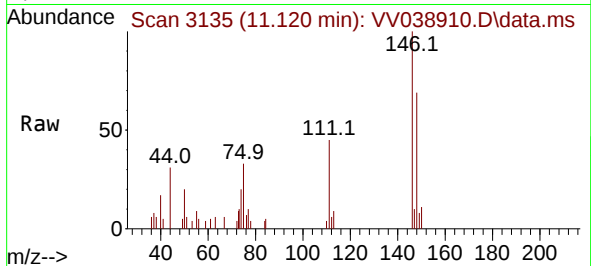




#87
1,3-Dichlorobenzene
Concen: 0.505 ug/l
RT: 11.120 min Scan# 3130
Delta R.T. 0.016 min
Lab File: VV038910.D
Acq: 16 Jul 2025 16:03

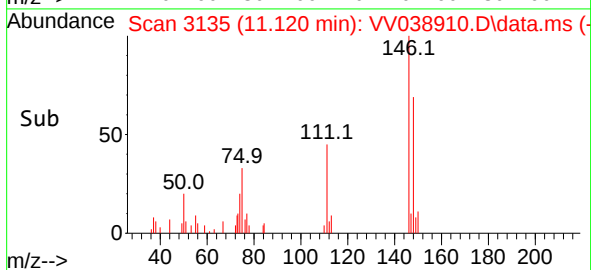
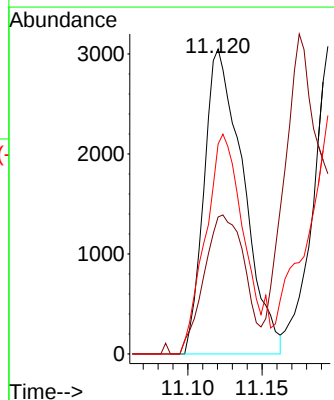
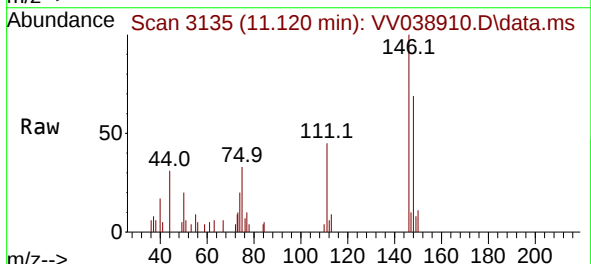
Instrument :
MSVOA_V
ClientSampleId :
MDL03

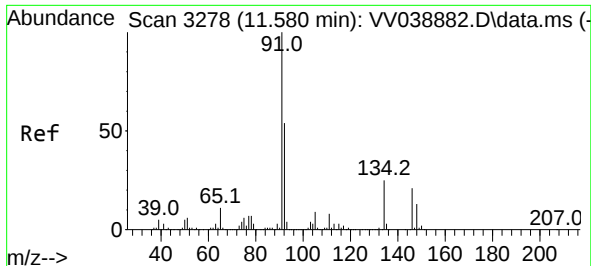
Tgt Ion:146 Resp: 5576
Ion Ratio Lower Upper
146 100
111 47.7 20.2 60.5
148 72.0 31.4 94.3



#88
1,4-Dichlorobenzene
Concen: 0.464 ug/l
RT: 11.120 min Scan# 3135
Delta R.T. -0.077 min
Lab File: VV038910.D
Acq: 16 Jul 2025 16:03

Tgt Ion:146 Resp: 5576
Ion Ratio Lower Upper
146 100
111 47.7 19.8 59.3
148 72.0 32.1 96.5





#89

n-Butylbenzene

Concen: 0.391 ug/l

RT: 11.596 min Scan# 31

Delta R.T. 0.016 min

Lab File: VV038910.D

Acq: 16 Jul 2025 16:03

Instrument :

MSVOA_V

ClientSampleId :

MDL03

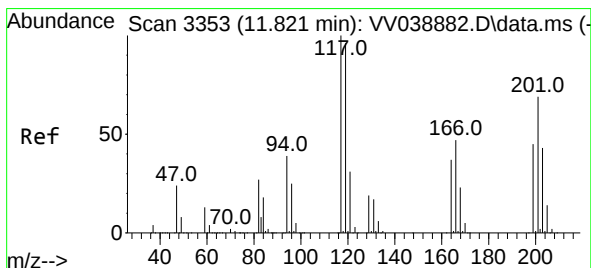
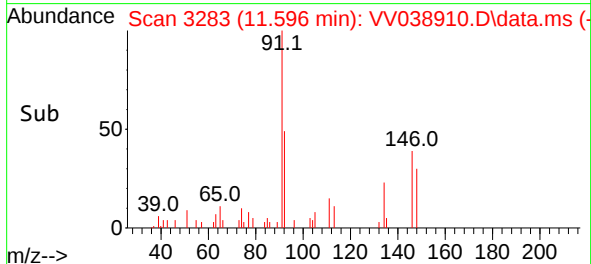
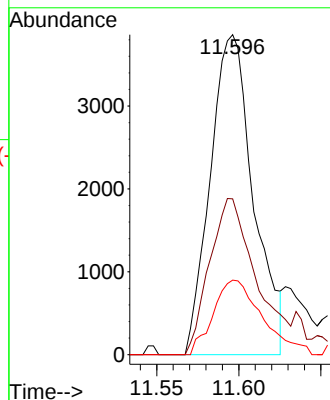
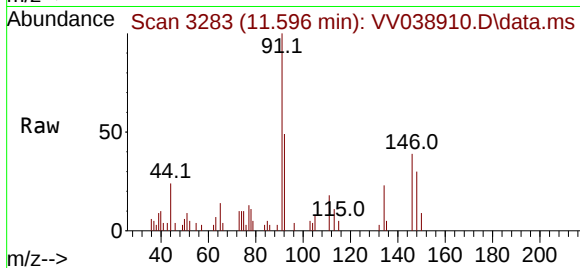
Tgt Ion: 91 Resp: 7064

Ion Ratio Lower Upper

91 100

92 52.8 26.7 80.1

134 26.5 12.7 38.1



#90

Hexachloroethane

Concen: 0.485 ug/l

RT: 11.825 min Scan# 3354

Delta R.T. 0.003 min

Lab File: VV038910.D

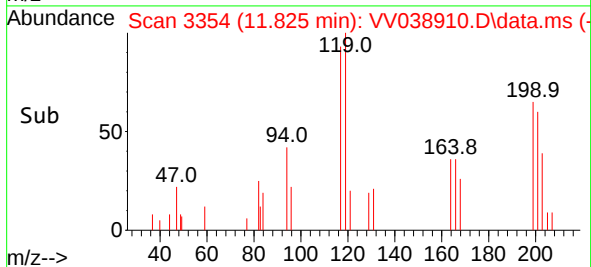
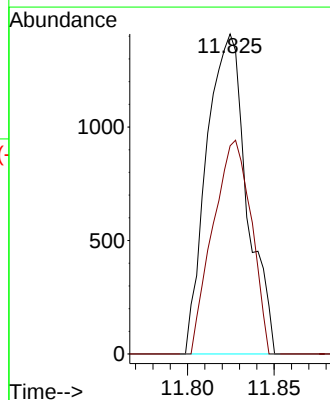
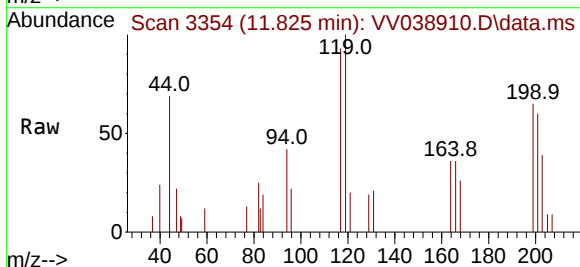
Acq: 16 Jul 2025 16:03

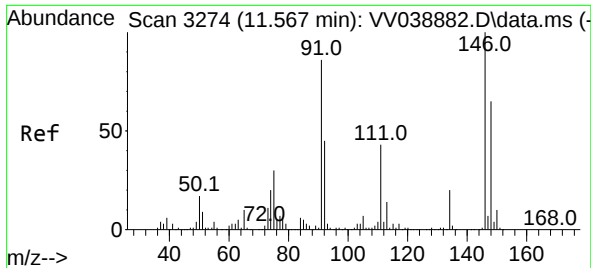
Tgt Ion: 117 Resp: 2278

Ion Ratio Lower Upper

117 100

201 63.7 34.0 102.0

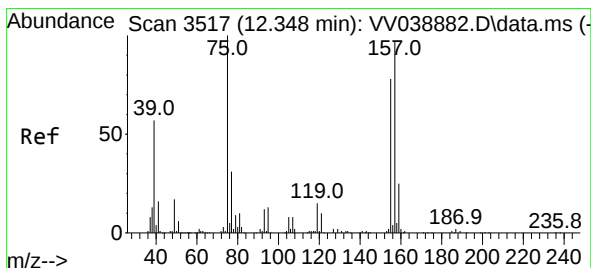
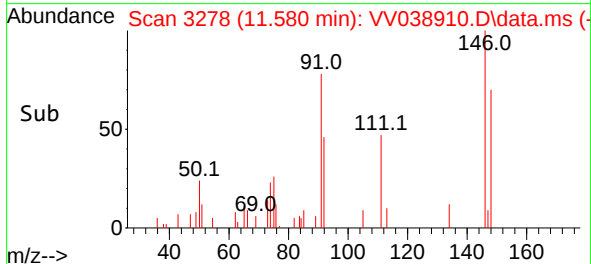
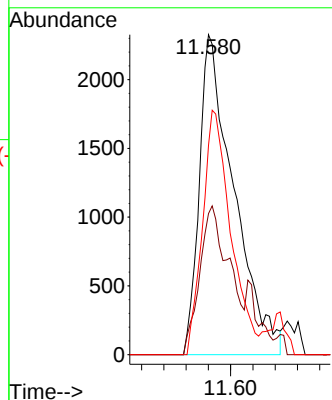
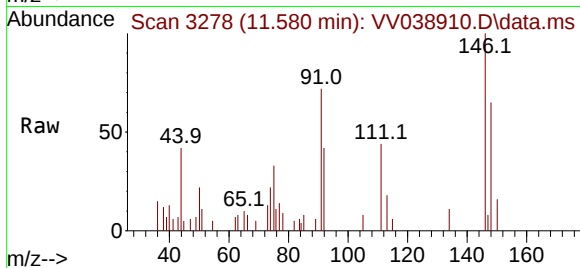




#91
1,2-Dichlorobenzene
Concen: 0.466 ug/l
RT: 11.580 min Scan# 311
Delta R.T. 0.013 min
Lab File: VV038910.D
Acq: 16 Jul 2025 16:03

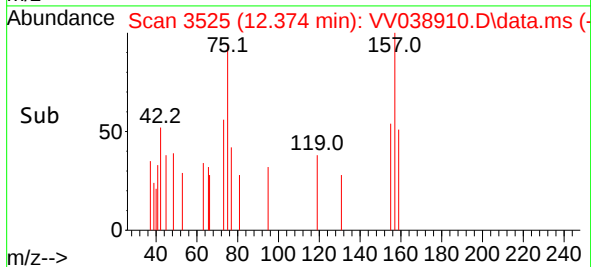
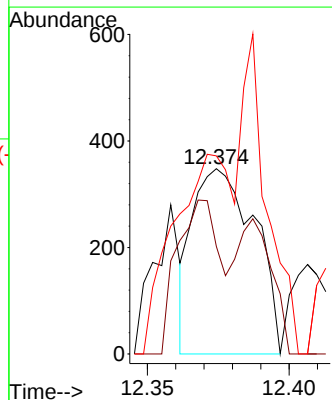
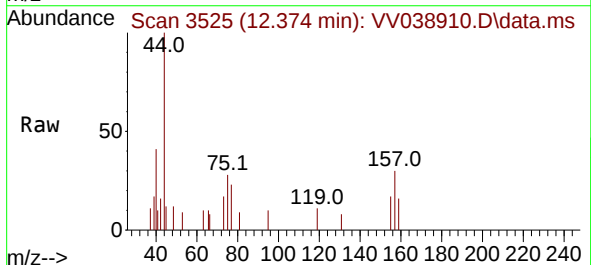
Instrument :
MSVOA_V
ClientSampleId :
MDL03

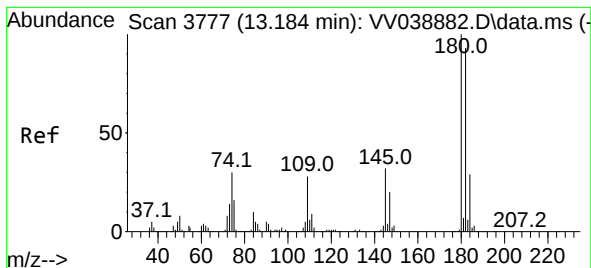
Tgt Ion:146 Resp: 4997
Ion Ratio Lower Upper
146 100
111 40.3 21.4 64.3
148 63.0 32.0 96.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.271 ug/l
RT: 12.374 min Scan# 3525
Delta R.T. 0.026 min
Lab File: VV038910.D
Acq: 16 Jul 2025 16:03

Tgt Ion: 75 Resp: 530
Ion Ratio Lower Upper
75 100
155 56.4 40.2 120.6
157 101.7 51.1 153.3





#93

1,2,4-Trichlorobenzene

Concen: 0.499 ug/l

RT: 13.204 min Scan# 31

Delta R.T. 0.019 min

Lab File: VV038910.D

Acq: 16 Jul 2025 16:03

Instrument :

MSVOA_V

ClientSampleId :

MDL03

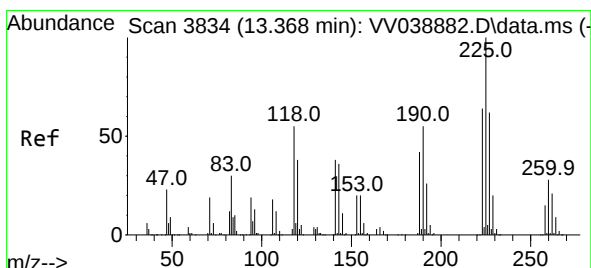
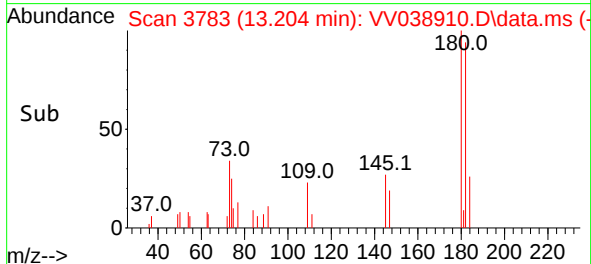
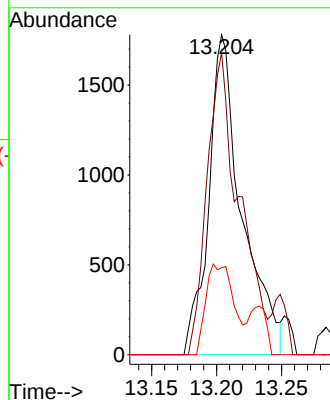
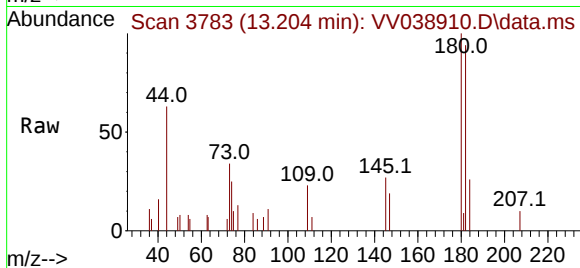
Tgt Ion:180 Resp: 3156

Ion Ratio Lower Upper

180 100

182 92.2 47.4 142.3

145 23.5 16.2 48.6



#94

Hexachlorobutadiene

Concen: 0.468 ug/l

RT: 13.368 min Scan# 3834

Delta R.T. 0.000 min

Lab File: VV038910.D

Acq: 16 Jul 2025 16:03

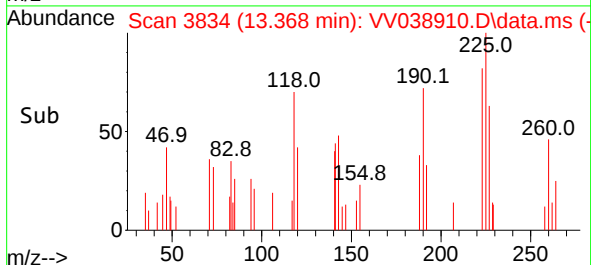
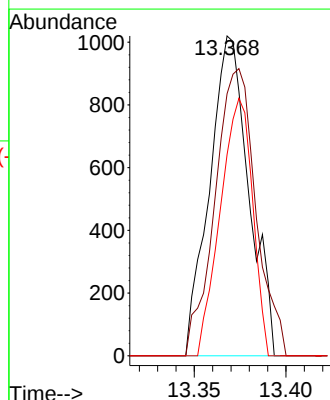
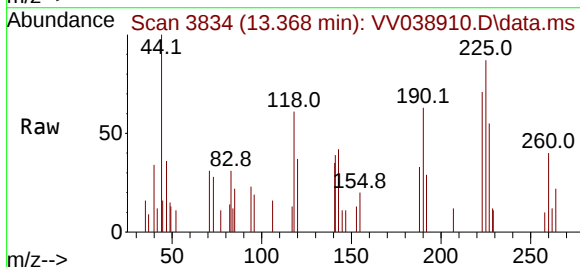
Tgt Ion:225 Resp: 1526

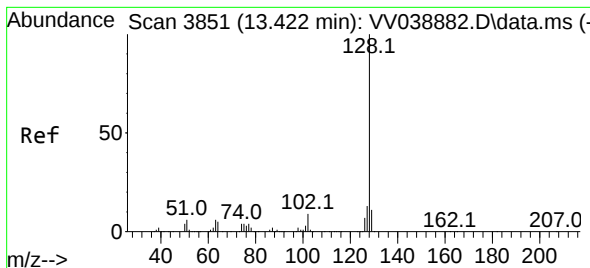
Ion Ratio Lower Upper

225 100

223 93.4 32.4 97.2

227 65.9 31.3 93.9





#95

Naphthalene

Concen: 0.412 ug/l

RT: 13.451 min Scan# 3931

Delta R.T. 0.029 min

Lab File: VV038910.D

Acq: 16 Jul 2025 16:03

Instrument :

MSVOA_V

ClientSampleId :

MDL03

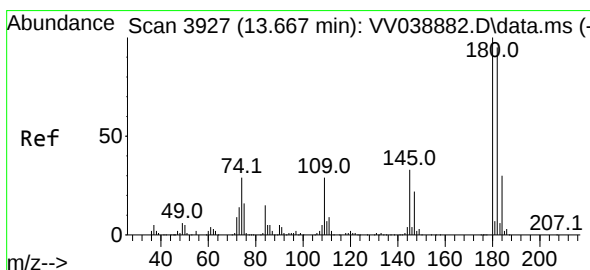
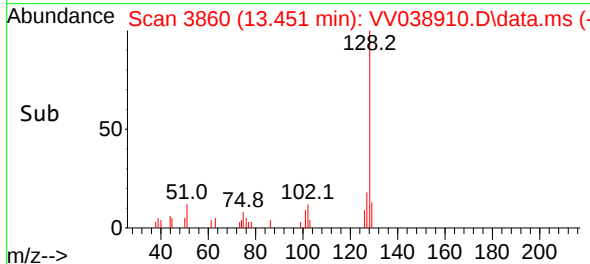
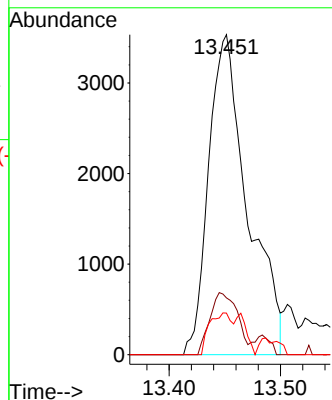
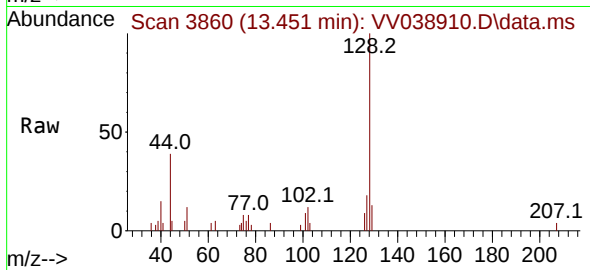
Tgt Ion:128 Resp: 8567

Ion Ratio Lower Upper

128 100

127 13.7 10.5 15.7

129 7.6 8.6 13.0#



#96

1,2,3-Trichlorobenzene

Concen: 0.501 ug/l

RT: 13.680 min Scan# 3931

Delta R.T. 0.013 min

Lab File: VV038910.D

Acq: 16 Jul 2025 16:03

Tgt Ion:180 Resp: 3284

Ion Ratio Lower Upper

180 100

182 78.3 47.0 141.2

145 29.4 17.0 51.0

