

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV070325\
 Data File : VV038859.D
 Acq On : 03 Jul 2025 14:16
 Operator : SY/MD
 Sample : MDL02
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL02

Quant Time: Jul 04 04:07:00 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V070225W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 04 04:06:04 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	4.603	168	423675	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	742703	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.773	117	691853	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.175	152	331811	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.941	65	260919	54.950	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	= 109.900%	
35) Dibromofluoromethane	4.503	113	237649	50.516	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	= 101.040%	
50) Toluene-d8	7.236	98	681239	44.757	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	= 89.520%	
62) 4-Bromofluorobenzene	10.002	95	255664	41.575	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	= 83.160%#	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.121	85	2637	0.656	ug/l	95
3) Chloromethane	1.230	50	3977	0.806	ug/l	99
4) Vinyl Chloride	1.294	62	3660	0.798	ug/l	92
5) Bromomethane	1.500	94	3325	1.187	ug/l #	72
6) Chloroethane	1.561	64	2304	0.749	ug/l	89
7) Trichlorofluoromethane	1.729	101	4984	0.614	ug/l	86
8) Diethyl Ether	1.918	74	2263	0.801	ug/l	76
9) 1,1,2-Trichlorotrifluo...	2.082	101	3056	0.666	ug/l #	91
10) Methyl Iodide	2.198	142	2164	0.372	ug/l	95
11) Tert butyl alcohol	2.571	59	1018	1.642	ug/l #	90
12) 1,1-Dichloroethene	2.082	96	3105	0.712	ug/l #	66
13) Acrolein	2.024	56	269	1.738	ug/l #	17
14) Allyl chloride	2.365	41	4552	0.776	ug/l #	87
15) Acrylonitrile	2.709	53	5632	2.598	ug/l #	62
16) Acetone	2.124	43	7392	4.672	ug/l #	84
17) Carbon Disulfide	2.253	76	8191	0.810	ug/l	96
18) Methyl Acetate	2.413	43	1757	0.326	ug/l #	71
19) Methyl tert-butyl Ether	2.712	73	8827	0.654	ug/l	99
20) Methylene Chloride	2.458	84	4524	0.865	ug/l	87
21) trans-1,2-Dichloroethene	2.712	96	3055	0.700	ug/l	96
22) Diisopropyl ether	3.220	45	5856	0.487	ug/l #	12
23) Vinyl Acetate	3.249	43	10412	1.200	ug/l	98
24) 1,1-Dichloroethane	3.127	63	5362	0.661	ug/l #	89
25) 2-Butanone	3.860	43	171	0.073	ug/l #	45
26) 2,2-Dichloropropane	3.809	77	2548	0.339	ug/l	78
27) cis-1,2-Dichloroethene	3.864	96	2171	0.427	ug/l	34
28) Bromochloromethane	4.172	49	1291	0.372	ug/l	96
29) Tetrahydrofuran	4.230	42	117	0.074	ug/l #	53
30) Chloroform	4.291	83	5547	0.628	ug/l	90
31) Cyclohexane	4.593	56	12213	1.902	ug/l #	22
32) 1,1,1-Trichloroethane	4.513	97	4896	0.597	ug/l #	42
36) 1,1-Dichloropropene	4.777	75	2298	0.403	ug/l #	39
37) Ethyl Acetate	3.986	43	683	0.117	ug/l #	80
38) Carbon Tetrachloride	4.738	117	3909	0.520	ug/l	93
39) Methylcyclohexane	6.050	83	4521	0.606	ug/l #	84
40) Benzene	5.034	78	10286	0.546	ug/l	95

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.121	41	127	0.051	ug/l #	3
42) 1,2-Dichloroethane	5.072	62	4652	0.697	ug/l	79
43) Isopropyl Acetate	5.172	43	130	0.014	ug/l #	58
44) Trichloroethene	5.847	130	1572	0.320	ug/l	86
45) 1,2-Dichloropropane	6.105	63	2387	0.504	ug/l	94
46) Dibromomethane	6.252	93	1378	0.369	ug/l #	43
47) Bromodichloromethane	6.442	83	4660	0.589	ug/l	90
48) Methyl methacrylate	6.256	41	46	0.010	ug/l #	1
49) 1,4-Dioxane	6.249	88	129	2.106	ug/l #	43
51) 4-Methyl-2-Pentanone	7.169	43	11386	1.942	ug/l	98
52) Toluene	7.323	92	3447	0.293	ug/l #	1
53) t-1,3-Dichloropropene	7.616	75	2647	0.350	ug/l	90
54) cis-1,3-Dichloropropene	6.976	75	4285	0.554	ug/l	93
55) 1,1,2-Trichloroethane	7.786	97	3817	0.741	ug/l #	85
56) Ethyl methacrylate	7.767	69	1423	0.210	ug/l #	65
57) 1,3-Dichloropropane	7.953	76	4333	0.534	ug/l	90
58) 2-Chloroethyl Vinyl ether	6.854	63	2563	0.833	ug/l #	77
59) 2-Hexanone	8.121	43	4537	1.097	ug/l #	50
60) Dibromochloromethane	8.178	129	3819	0.589	ug/l	91
61) 1,2-Dibromoethane	8.294	107	2592	0.486	ug/l	84
64) Tetrachloroethene	7.912	164	2879	0.647	ug/l #	82
65) Chlorobenzene	8.809	112	9615	0.659	ug/l	91
66) 1,1,1,2-Tetrachloroethane	8.905	131	2828	0.519	ug/l #	61
67) Ethyl Benzene	8.957	91	11693	0.512	ug/l	94
68) m/p-Xylenes	9.079	106	8361	0.956	ug/l	98
69) o-Xylene	9.481	106	3994	0.478	ug/l	97
70) Styrene	9.477	104	310	0.021	ug/l #	1
71) Bromoform	9.667	173	2657	0.601	ug/l #	99
73) Isopropylbenzene	9.863	105	10371	0.533	ug/l	94
74) N-amyl acetate	9.767	43	1095	0.161	ug/l #	68
75) 1,1,2,2-Tetrachloroethane	10.175	83	4913	0.696	ug/l	96
76) 1,2,3-Trichloropropane	10.002	75	125183	24.384	ug/l #	55
77) Bromobenzene	10.159	156	3590	0.715	ug/l	95
78) n-propylbenzene	10.291	91	12647	0.546	ug/l	99
79) 2-Chlorotoluene	10.358	91	8891	0.632	ug/l	95
80) 1,3,5-Trimethylbenzene	10.474	105	8465	0.508	ug/l	95
81) trans-1,4-Dichloro-2-b...	10.002	75	125183	51.904	ug/l #	12
82) 4-Chlorotoluene	10.481	91	8897	0.548	ug/l	84
83) tert-Butylbenzene	10.792	119	9585	0.555	ug/l	98
84) 1,2,4-Trimethylbenzene	10.854	105	8673	0.531	ug/l	95
85) sec-Butylbenzene	11.018	105	10984	0.500	ug/l	91
86) p-Isopropyltoluene	11.175	119	10028	0.532	ug/l	84
87) 1,3-Dichlorobenzene	11.124	146	6026	0.590	ug/l	99
88) 1,4-Dichlorobenzene	11.124	146	6026	0.560	ug/l	98
89) n-Butylbenzene	11.593	91	9516	0.545	ug/l	87
90) Hexachloroethane	11.821	117	2306	0.564	ug/l	76
91) 1,2-Dichlorobenzene	11.583	146	5500	0.571	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.371	75	586	0.392	ug/l	98
93) 1,2,4-Trichlorobenzene	13.201	180	3005	0.482	ug/l	93
94) Hexachlorobutadiene	13.371	225	1915	0.636	ug/l	89
95) Naphthalene	13.448	128	8838	0.445	ug/l #	91
96) 1,2,3-Trichlorobenzene	13.683	180	2825	0.439	ug/l	84

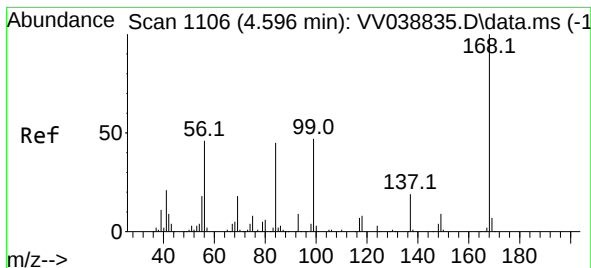
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.603 min Scan# 11

Delta R.T. 0.007 min

Lab File: VV038859.D

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MSVOA_V

ClientSampleId :

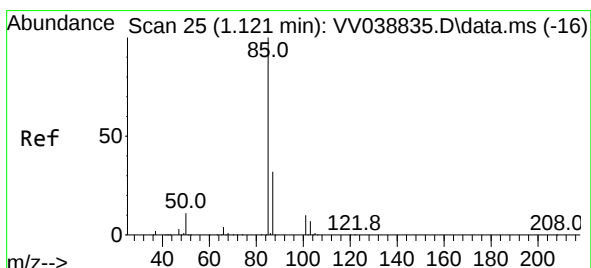
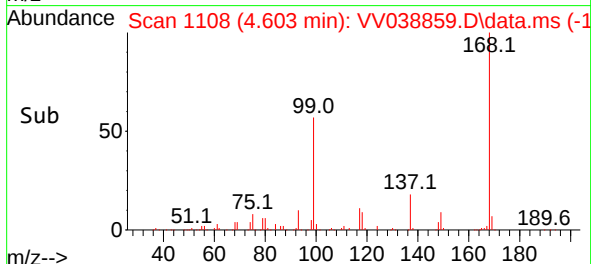
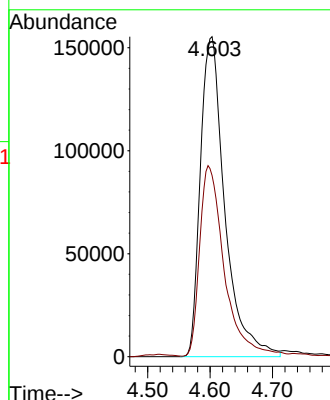
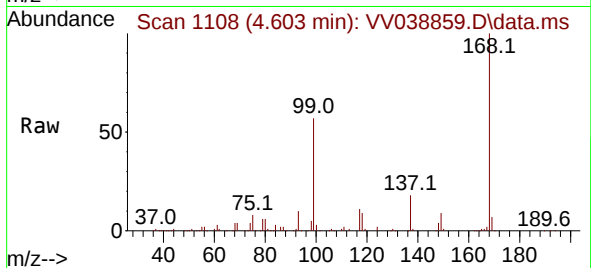
MDL02

Tgt Ion:168 Resp: 423675

Ion Ratio Lower Upper

168 100

99 56.5 48.6 73.0



#2

Dichlorodifluoromethane

Concen: 0.656 ug/l

RT: 1.121 min Scan# 25

Delta R.T. 0.000 min

Lab File: VV038859.D

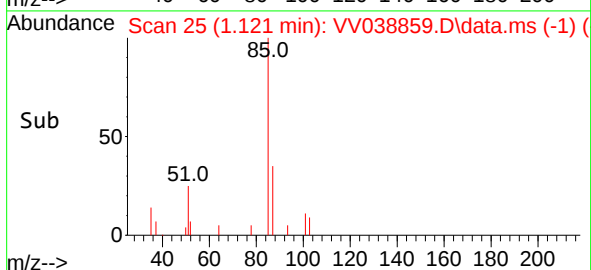
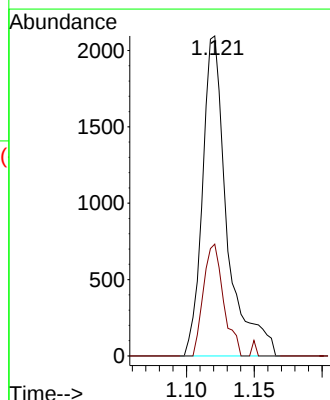
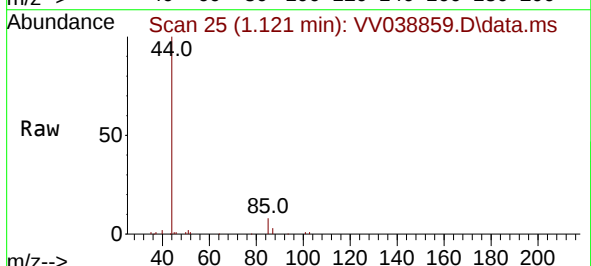
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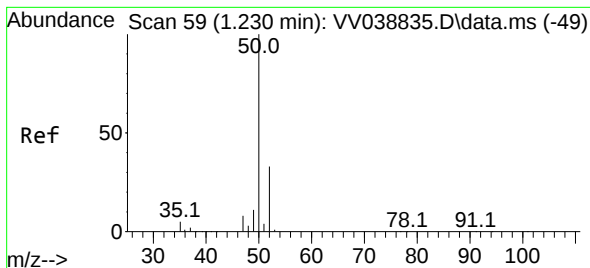
Tgt Ion: 85 Resp: 2637

Ion Ratio Lower Upper

85 100

87 34.9 16.1 48.3





#3

Chloromethane

Concen: 0.806 ug/l

RT: 1.230 min Scan# 59

Delta R.T. 0.000 min

Lab File: VV038859.D

Acq: 03 Jul 2025 14:16

Instrument :

MSVOA_V

ClientSampleId :

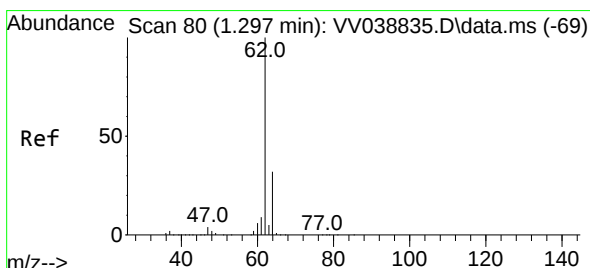
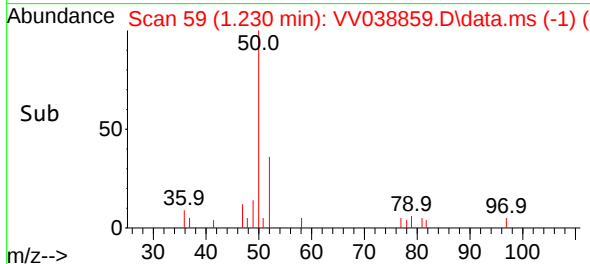
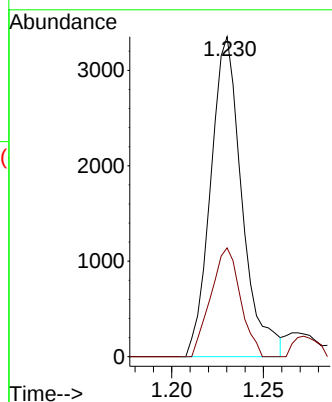
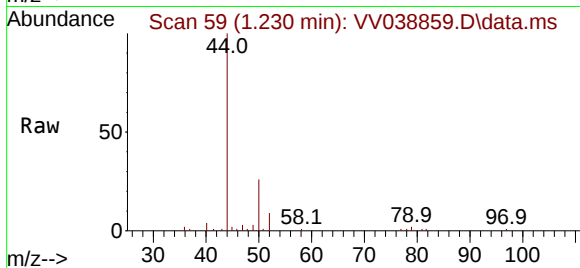
MDL02

Tgt Ion: 50 Resp: 3977

Ion Ratio Lower Upper

50 100

52 34.0 26.7 40.1



#4

Vinyl Chloride

Concen: 0.798 ug/l

RT: 1.294 min Scan# 79

Delta R.T. -0.003 min

Lab File: VV038859.D

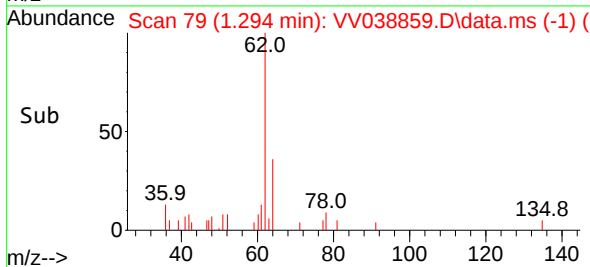
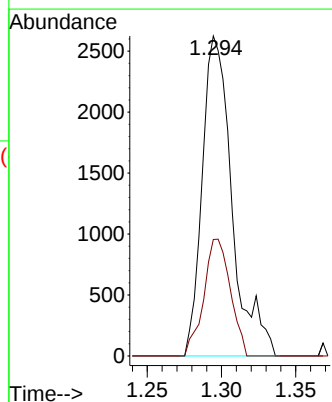
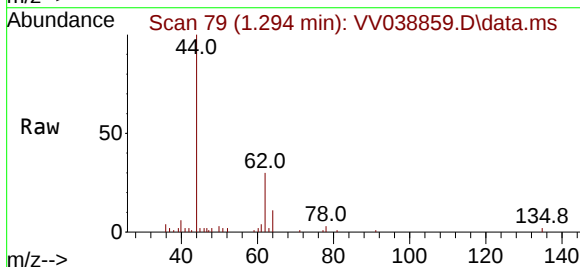
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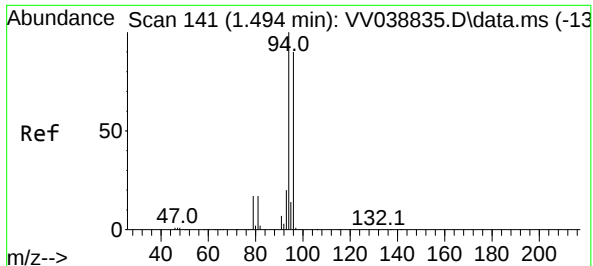
Tgt Ion: 62 Resp: 3660

Ion Ratio Lower Upper

62 100

64 36.4 25.5 38.3

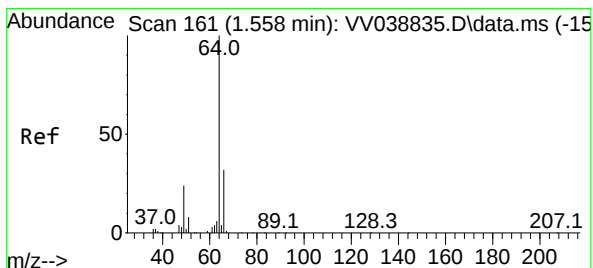
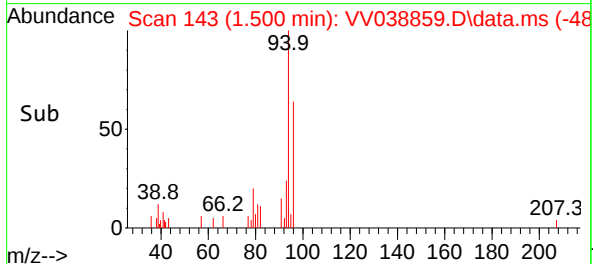
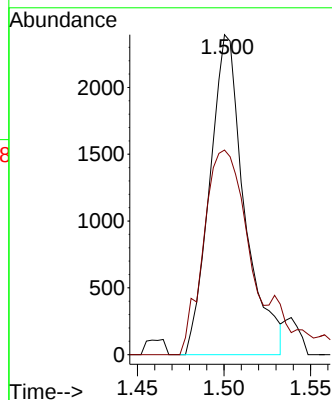
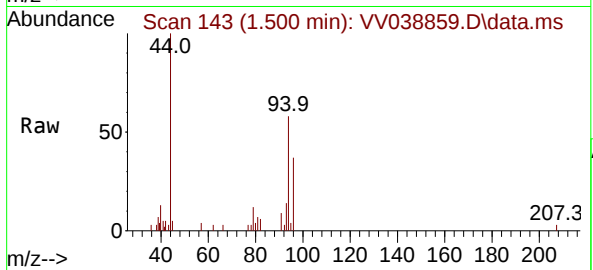




#5
Bromomethane
Concen: 1.187 ug/l
RT: 1.500 min Scan# 141
Delta R.T. 0.007 min
Lab File: VV038859.D
Acq: 03 Jul 2025 14:16

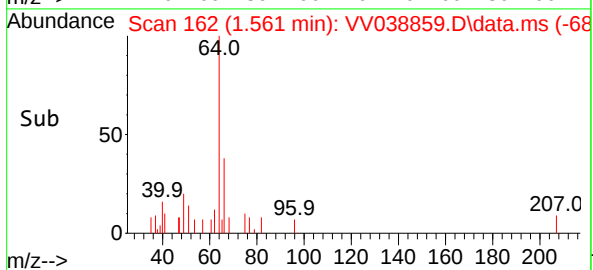
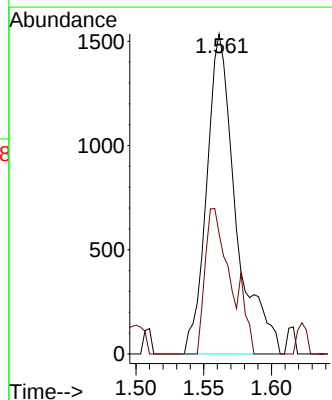
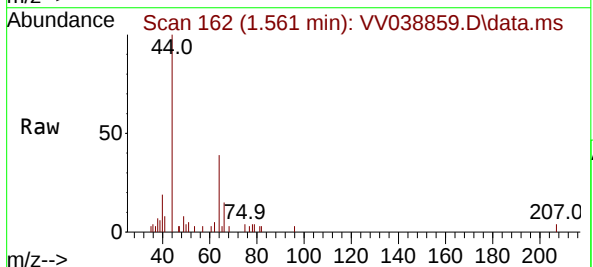
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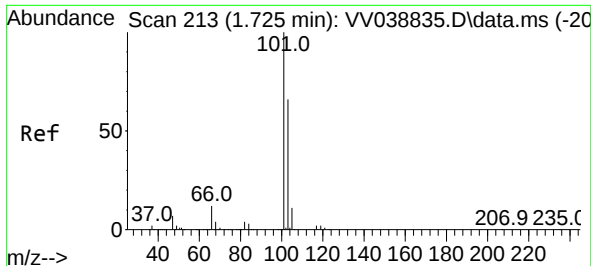
Tgt Ion: 94 Resp: 3325
Ion Ratio Lower Upper
94 100
96 64.0 72.2 108.4#



#6
Chloroethane
Concen: 0.749 ug/l
RT: 1.561 min Scan# 162
Delta R.T. 0.003 min
Lab File: VV038859.D
Acq: 03 Jul 2025 14:16

Tgt Ion: 64 Resp: 2304
Ion Ratio Lower Upper
64 100
66 37.7 25.4 38.0

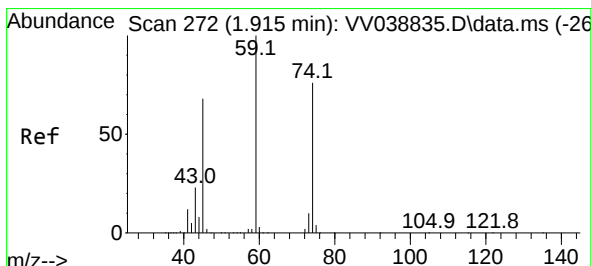
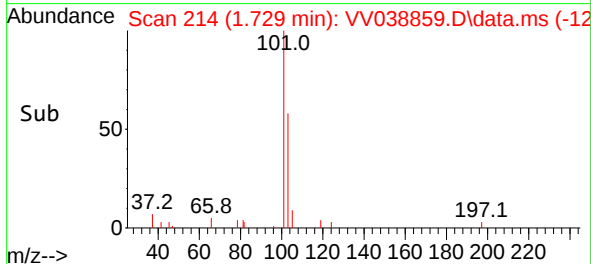
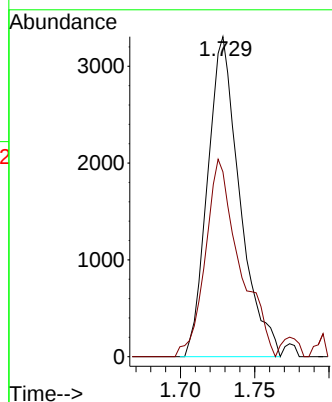
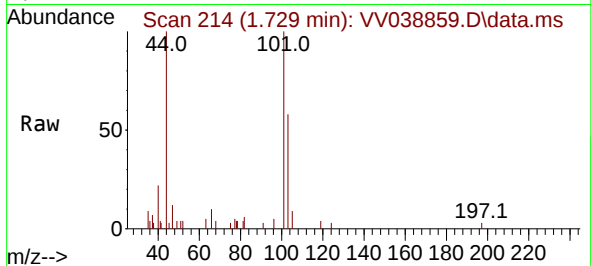




#7
 Trichlorofluoromethane
 Concen: 0.614 ug/l
 RT: 1.729 min Scan# 213
 Delta R.T. 0.003 min
 Lab File: VV038859.D
 Acq: 03 Jul 2025 14:16

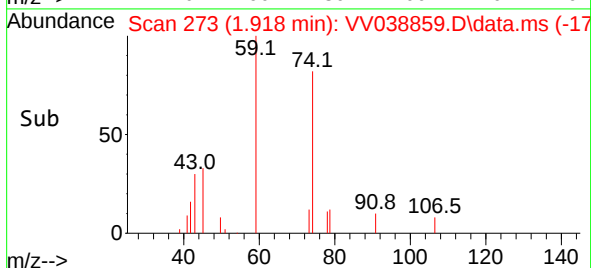
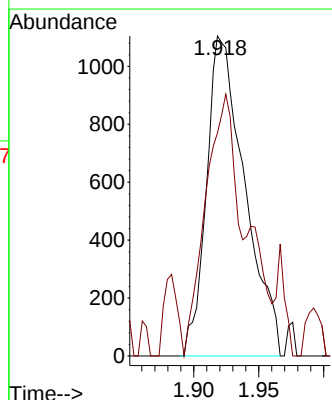
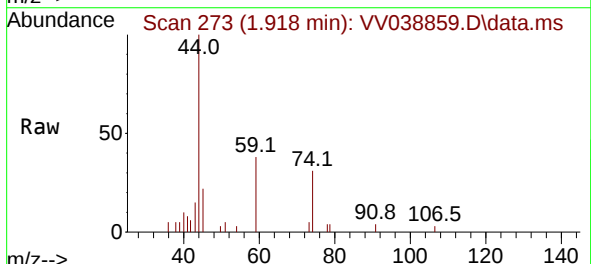
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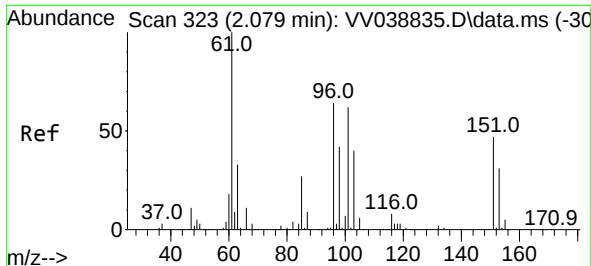
Tgt Ion:101 Resp: 4984
 Ion Ratio Lower Upper
 101 100
 103 54.6 52.8 79.2



#8
 Diethyl Ether
 Concen: 0.801 ug/l
 RT: 1.918 min Scan# 273
 Delta R.T. 0.003 min
 Lab File: VV038859.D
 Acq: 03 Jul 2025 14:16

Tgt Ion: 74 Resp: 2263
 Ion Ratio Lower Upper
 74 100
 45 65.7 43.9 131.7

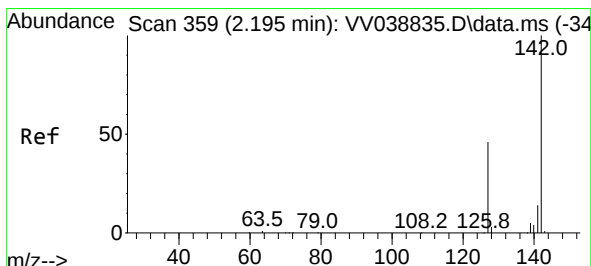
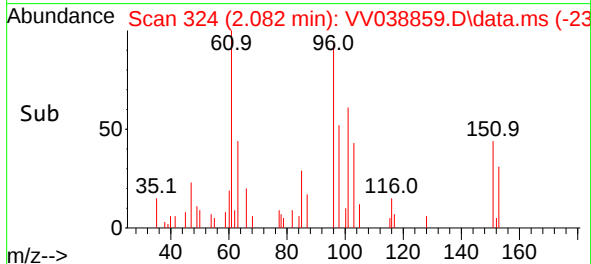
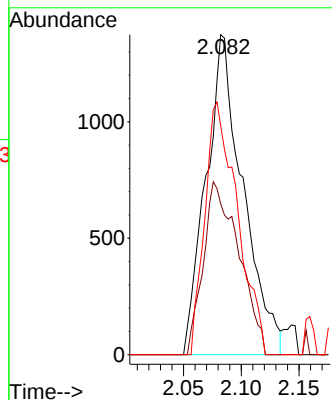
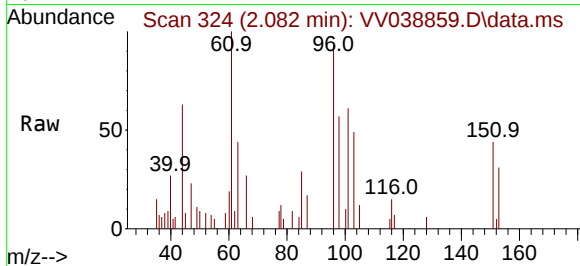




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.666 ug/l
RT: 2.082 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV038859.D
Acq: 03 Jul 2025 14:16

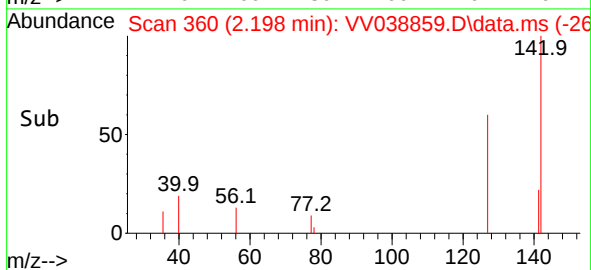
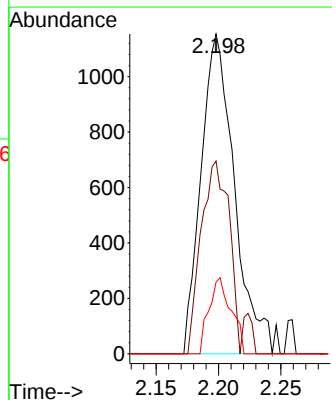
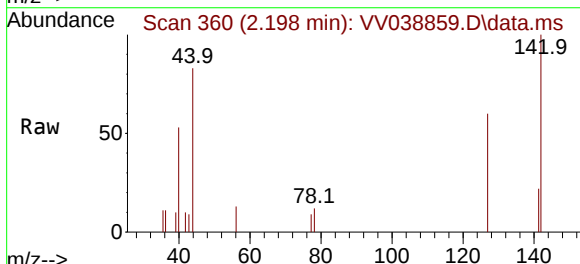
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ClientSampleId :
MDL02

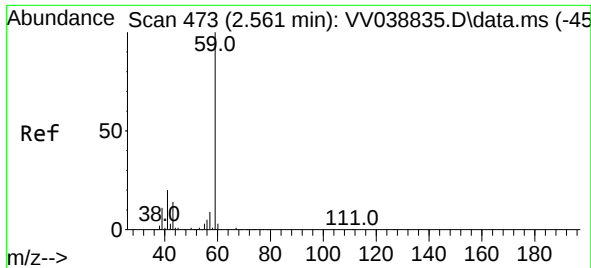
Tgt Ion:101 Resp: 3056
Ion Ratio Lower Upper
101 100
85 52.1 34.6 52.0#
151 69.6 60.4 90.6



#10
Methyl Iodide
Concen: 0.372 ug/l
RT: 2.198 min Scan# 360
Delta R.T. 0.003 min
Lab File: VV038859.D
Acq: 03 Jul 2025 14:16

Tgt Ion:142 Resp: 2164
Ion Ratio Lower Upper
142 100
127 50.2 36.9 55.3
141 15.8 11.8 17.8

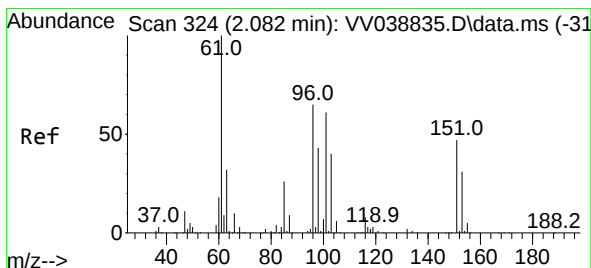
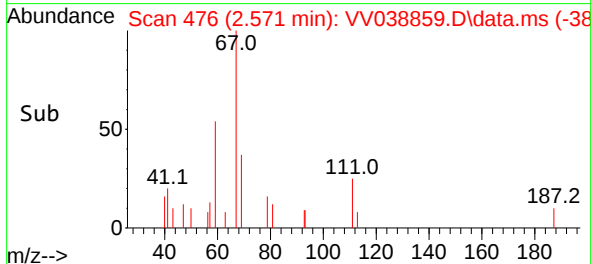
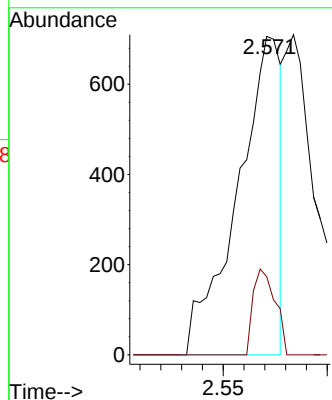
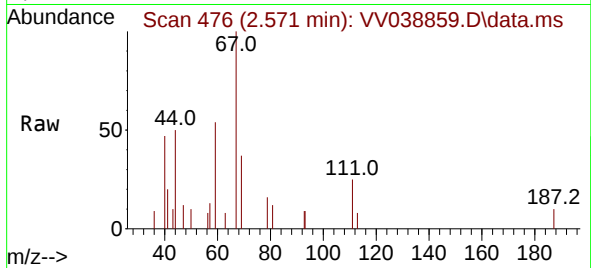




#11
Tert butyl alcohol
Concen: 1.642 ug/l
RT: 2.571 min Scan# 41
Delta R.T. 0.010 min
Lab File: VV038859.D
Acq: 03 Jul 2025 14:16

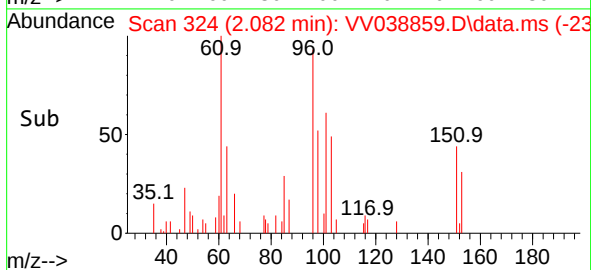
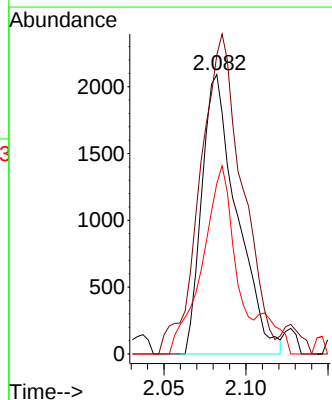
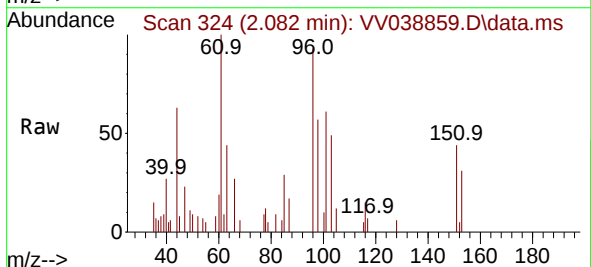
Instrument :
MSVOA_V
ClientSampleId :
MDL02

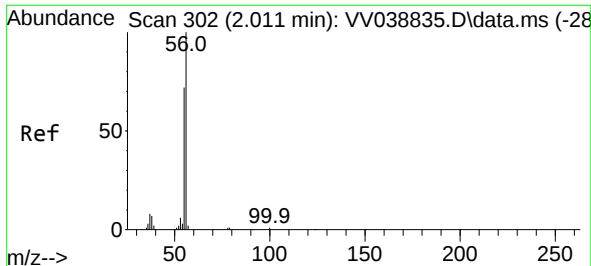
Tgt Ion: 59 Resp: 1018
Ion Ratio Lower Upper
59 100
57 13.9 8.0 12.0#



#12
1,1-Dichloroethene
Concen: 0.712 ug/l
RT: 2.082 min Scan# 324
Delta R.T. 0.000 min
Lab File: VV038859.D
Acq: 03 Jul 2025 14:16

Tgt Ion: 96 Resp: 3105
Ion Ratio Lower Upper
96 100
61 100.6 123.5 185.3#
98 52.2 52.5 78.7#

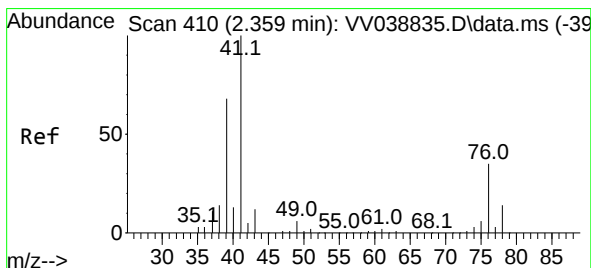
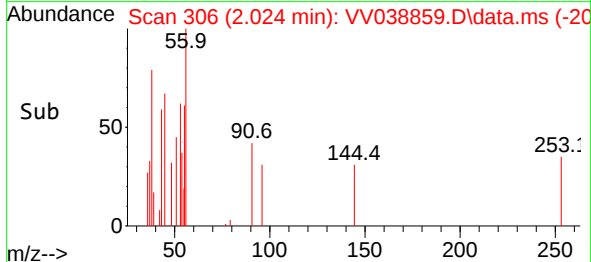
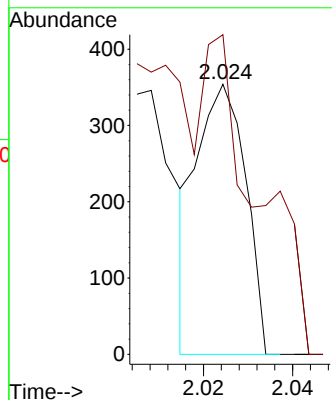
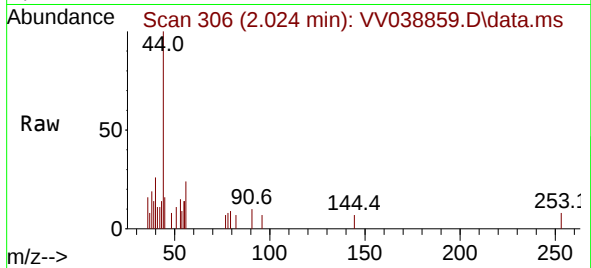




#13
Acrolein
Concen: 1.738 ug/l
RT: 2.024 min Scan# 306
Delta R.T. 0.013 min
Lab File: VV038859.D
Acq: 03 Jul 2025 14:16

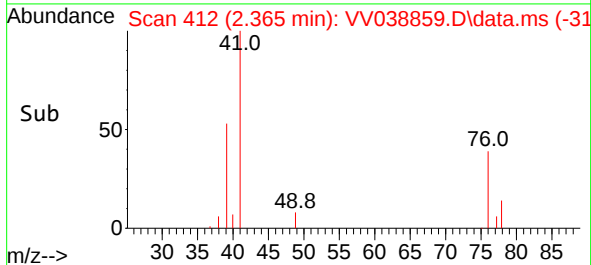
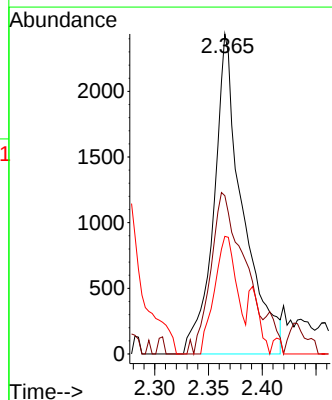
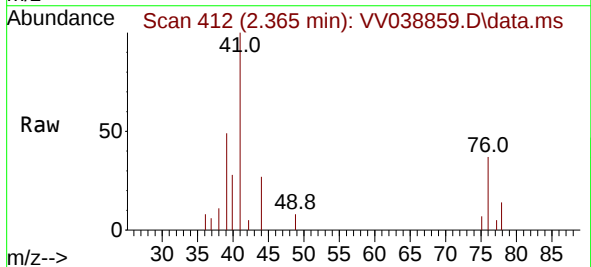
Instrument :
MSVOA_V
ClientSampleId :
MDL02

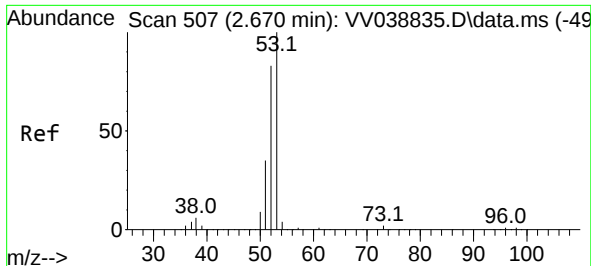
Tgt Ion: 56 Resp: 269
Ion Ratio Lower Upper
56 100
55 0.0 53.4 80.2#



#14
Allyl chloride
Concen: 0.776 ug/l
RT: 2.365 min Scan# 412
Delta R.T. 0.007 min
Lab File: VV038859.D
Acq: 03 Jul 2025 14:16

Tgt Ion: 41 Resp: 4552
Ion Ratio Lower Upper
41 100
39 57.8 51.0 76.4
76 28.7 33.6 50.4#

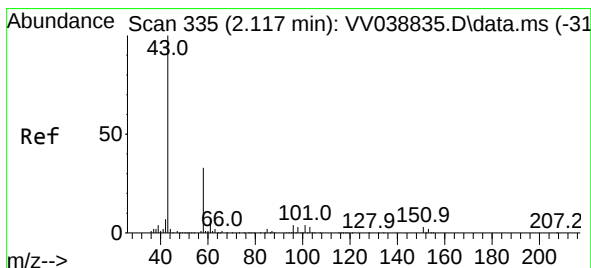
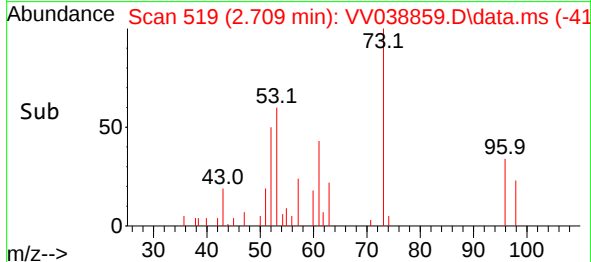
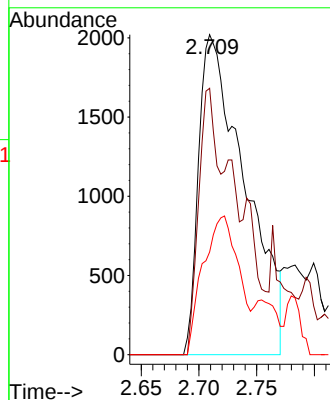
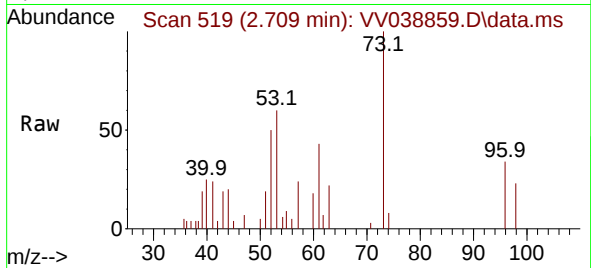




#15
Acrylonitrile
Concen: 2.598 ug/l
RT: 2.709 min Scan# 519
Delta R.T. 0.039 min
Lab File: VV038859.D
Acq: 03 Jul 2025 14:16

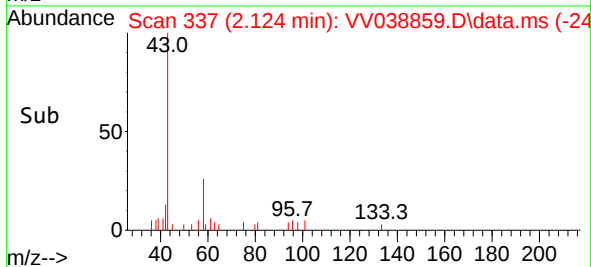
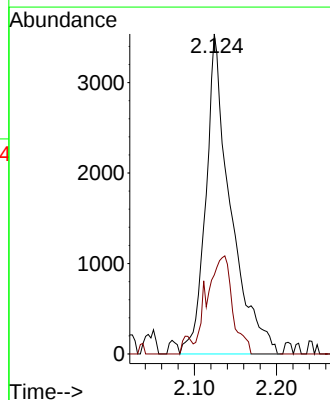
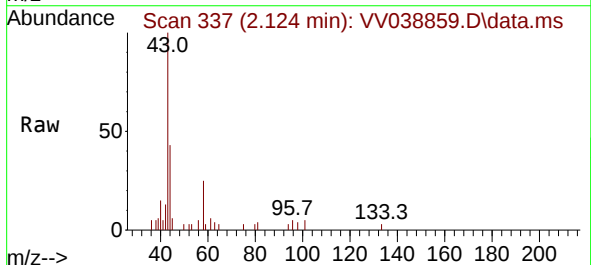
Instrument :
MSVOA_V
ClientSampleId :
MDL02

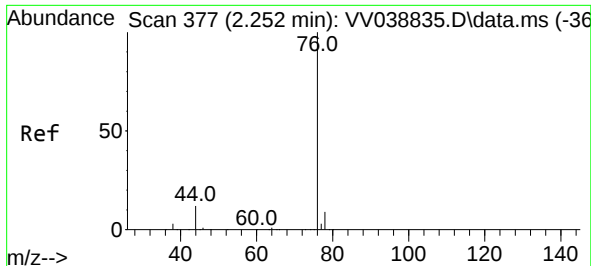
Tgt Ion: 53 Resp: 5632
Ion Ratio Lower Upper
53 100
52 35.0 65.8 98.6#
51 33.5 28.5 42.7



#16
Acetone
Concen: 4.672 ug/l
RT: 2.124 min Scan# 337
Delta R.T. 0.007 min
Lab File: VV038859.D
Acq: 03 Jul 2025 14:16

Tgt Ion: 43 Resp: 7392
Ion Ratio Lower Upper
43 100
58 24.7 27.0 40.4#

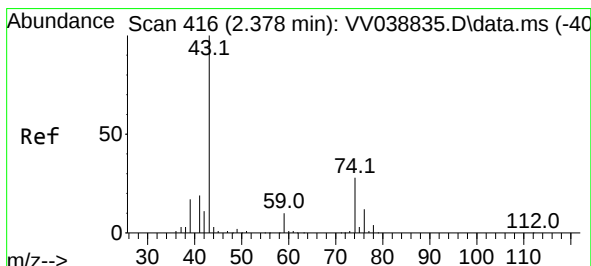
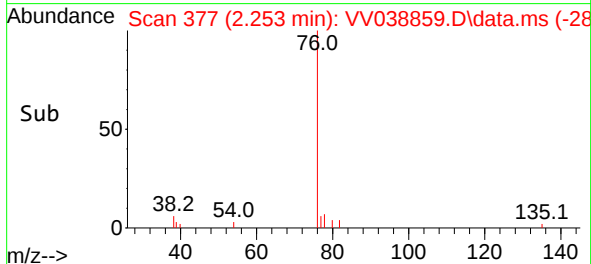
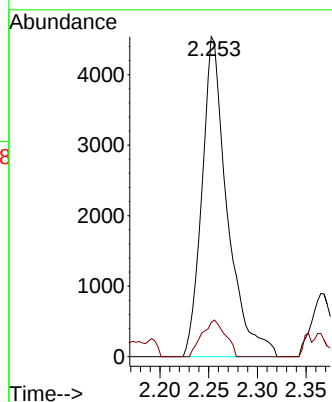
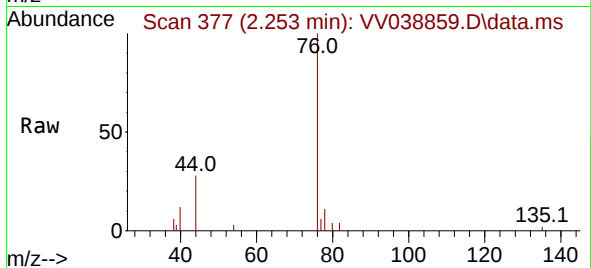




#17
Carbon Disulfide
Concen: 0.810 ug/l
RT: 2.253 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV038859.D
Acq: 03 Jul 2025 14:16

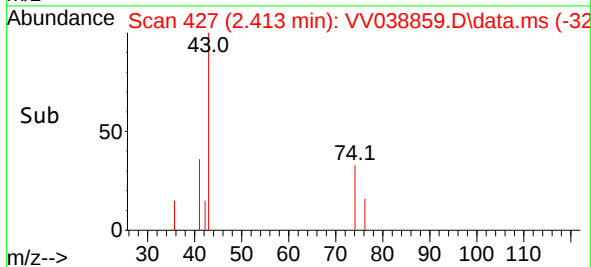
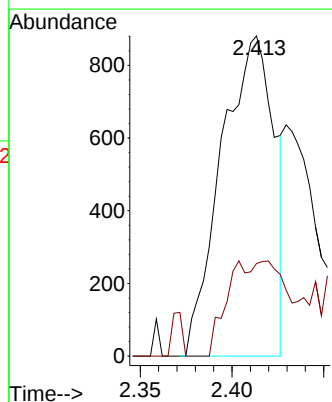
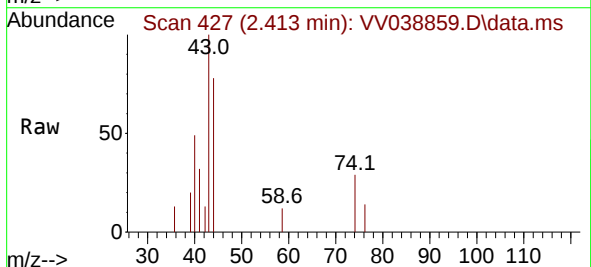
Instrument :
MSVOA_V
ClientSampleId :
MDL02

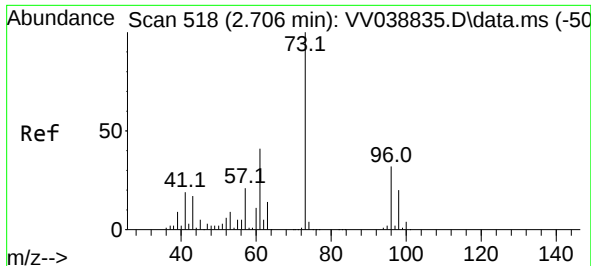
Tgt Ion: 76 Resp: 8191
Ion Ratio Lower Upper
76 100
78 10.7 7.5 11.3



#18
Methyl Acetate
Concen: 0.326 ug/l
RT: 2.413 min Scan# 427
Delta R.T. 0.036 min
Lab File: VV038859.D
Acq: 03 Jul 2025 14:16

Tgt Ion: 43 Resp: 1757
Ion Ratio Lower Upper
43 100
74 12.0 21.4 32.0#

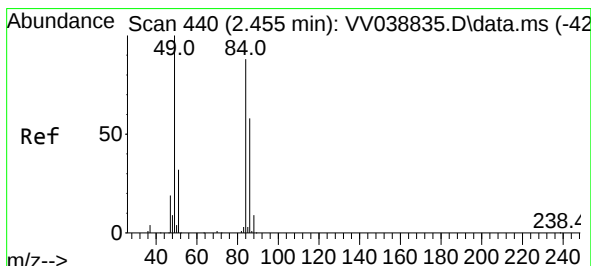
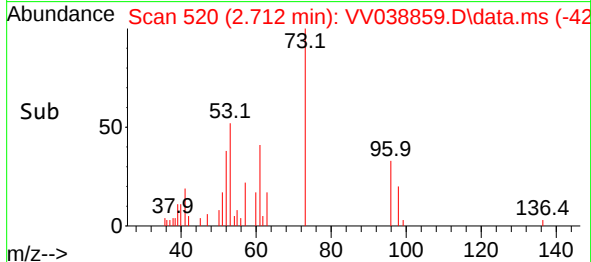
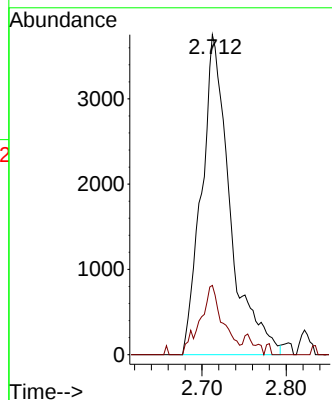
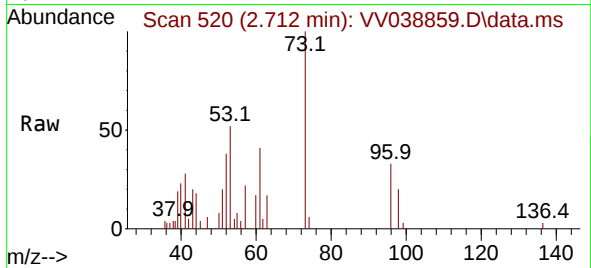




#19
Methyl tert-butyl Ether
Concen: 0.654 ug/l
RT: 2.712 min Scan# 518
Delta R.T. 0.007 min
Lab File: VV038859.D
Acq: 03 Jul 2025 14:16

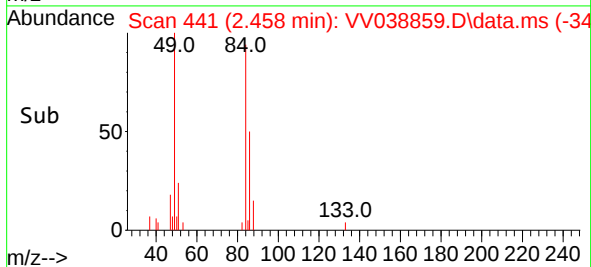
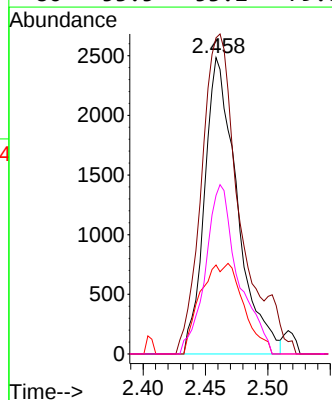
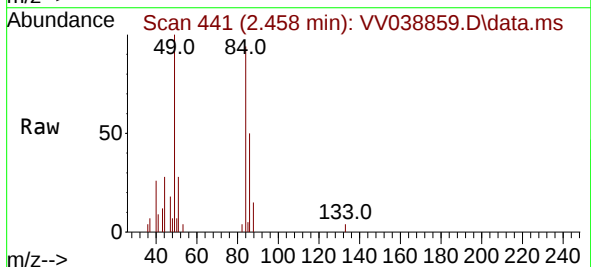
Instrument :
MSVOA_V
ClientSampleId :
MDL02

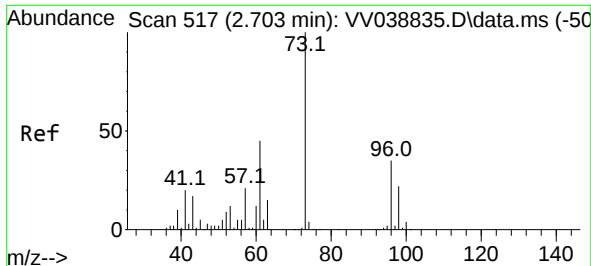
Tgt Ion: 73 Resp: 8827
Ion Ratio Lower Upper
73 100
57 21.6 17.0 25.4



#20
Methylene Chloride
Concen: 0.865 ug/l
RT: 2.458 min Scan# 441
Delta R.T. 0.003 min
Lab File: VV038859.D
Acq: 03 Jul 2025 14:16

Tgt Ion: 84 Resp: 4524
Ion Ratio Lower Upper
84 100
49 101.9 91.0 136.4
51 30.0 29.4 44.2
86 53.5 53.2 79.8

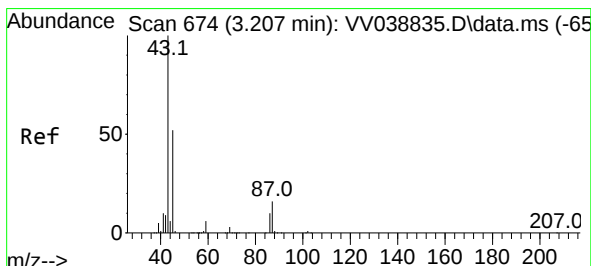
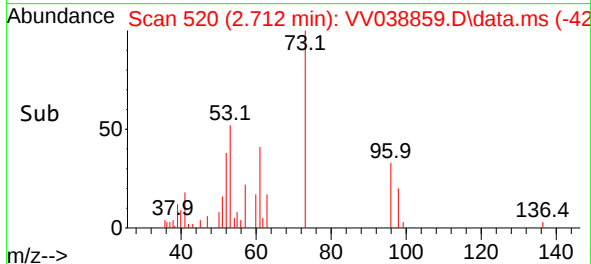
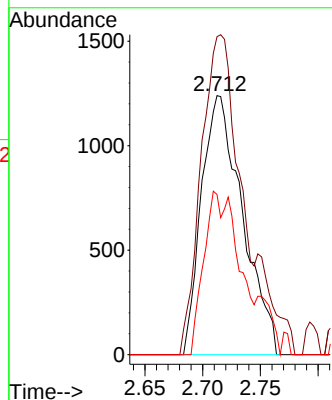
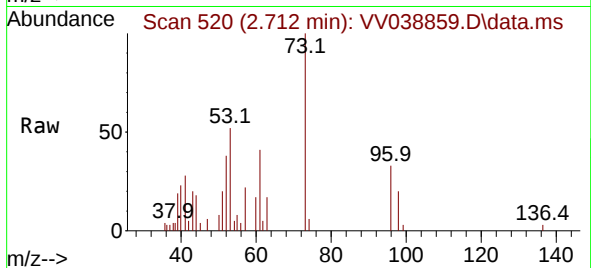




#21
trans-1,2-Dichloroethene
Concen: 0.700 ug/l
RT: 2.712 min Scan# 517
Delta R.T. 0.010 min
Lab File: VV038859.D
Acq: 03 Jul 2025 14:16

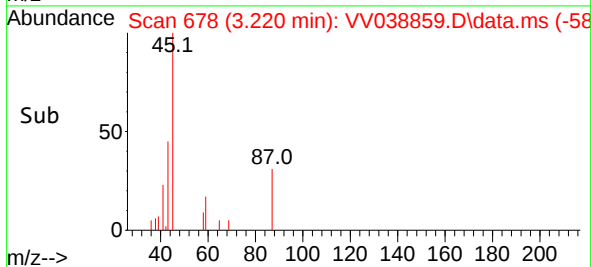
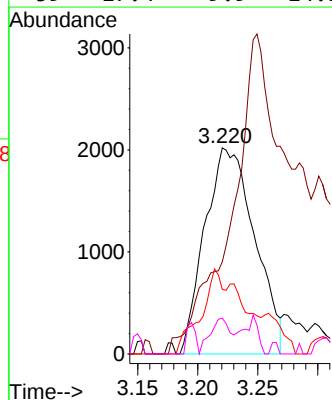
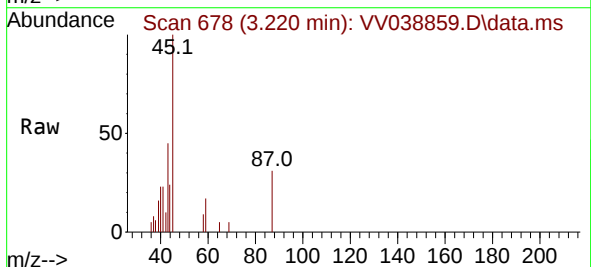
Instrument :
MSVOA_V
ClientSampleId :
MDL02

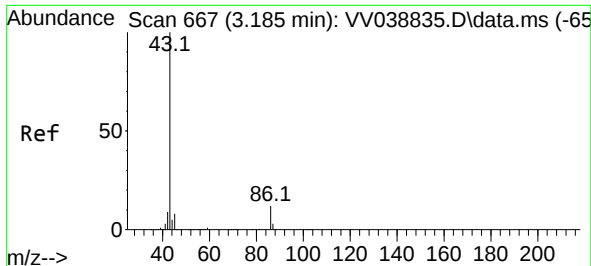
Tgt Ion: 96 Resp: 3055
Ion Ratio Lower Upper
96 100
61 122.8 102.8 154.2
98 61.8 50.9 76.3



#22
Diisopropyl ether
Concen: 0.487 ug/l
RT: 3.220 min Scan# 678
Delta R.T. 0.013 min
Lab File: VV038859.D
Acq: 03 Jul 2025 14:16

Tgt Ion: 45 Resp: 5856
Ion Ratio Lower Upper
45 100
43 36.3 153.1 229.7#
87 25.3 25.2 37.8
59 17.4 9.9 14.9#

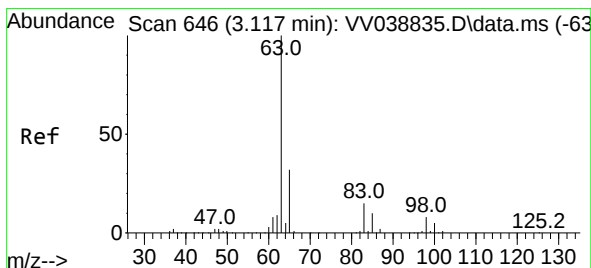
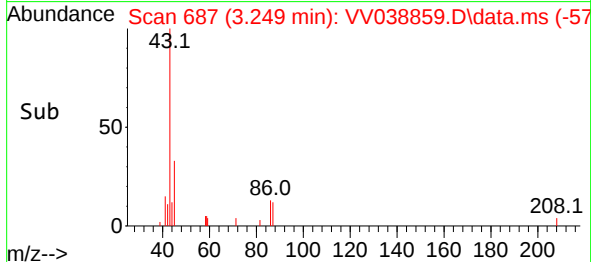
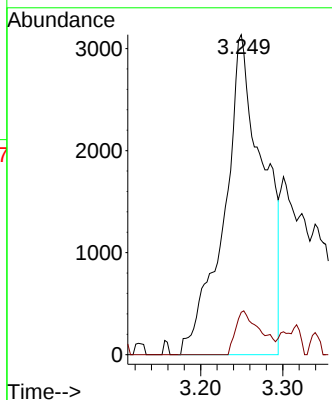
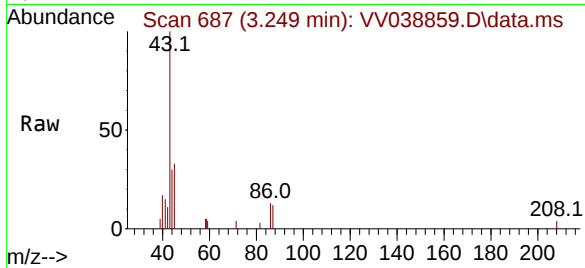




#23
 Vinyl Acetate
 Concen: 1.200 ug/l
 RT: 3.249 min Scan# 61
 Delta R.T. 0.064 min
 Lab File: VV038859.D
 Acq: 03 Jul 2025 14:16

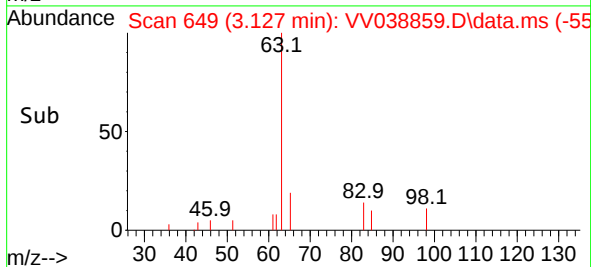
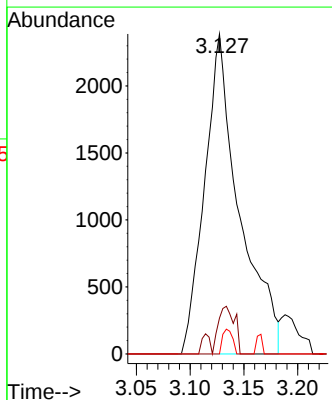
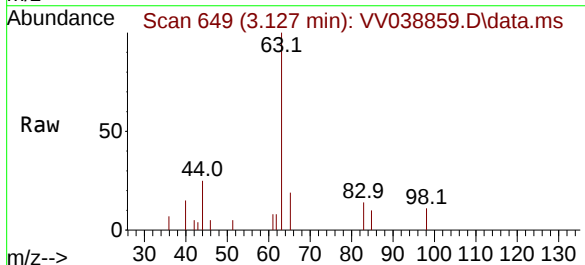
Instrument :
 MSVOA_V
 ClientSampleId :
 MDL02

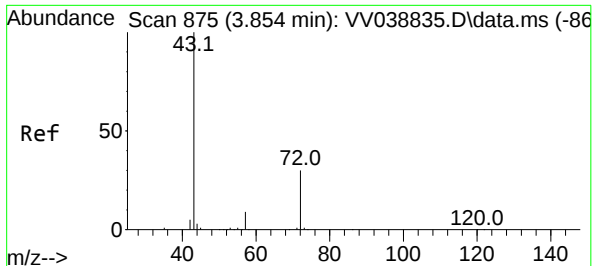
Tgt Ion: 43 Resp: 10412
 Ion Ratio Lower Upper
 43 100
 86 13.3 9.9 14.9



#24
 1,1-Dichloroethane
 Concen: 0.661 ug/l
 RT: 3.127 min Scan# 649
 Delta R.T. 0.010 min
 Lab File: VV038859.D
 Acq: 03 Jul 2025 14:16

Tgt Ion: 63 Resp: 5362
 Ion Ratio Lower Upper
 63 100
 98 11.2 4.1 12.3
 100 0.0 2.4 7.2#

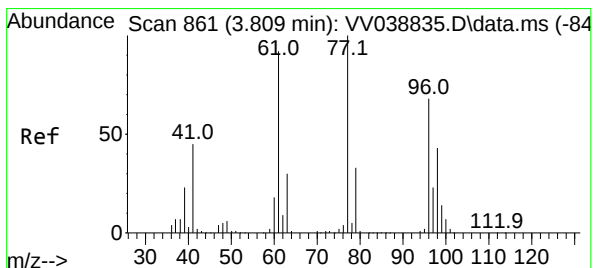
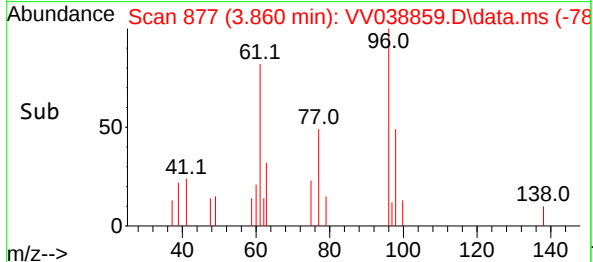
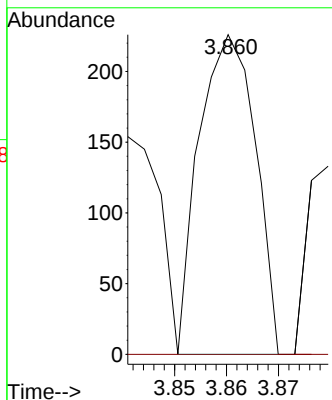
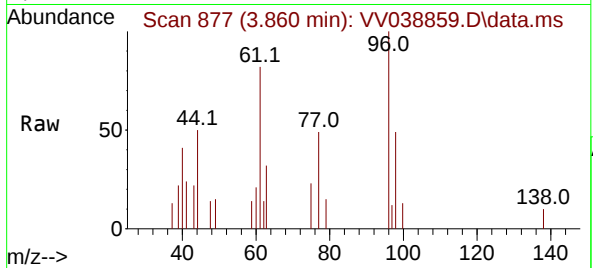




#25
2-Butanone
Concen: 0.073 ug/l
RT: 3.860 min Scan# 875
Delta R.T. 0.007 min
Lab File: VV038859.D
Acq: 03 Jul 2025 14:16

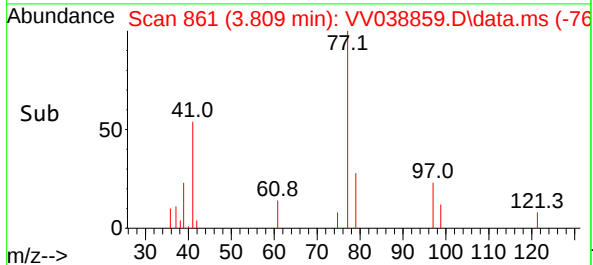
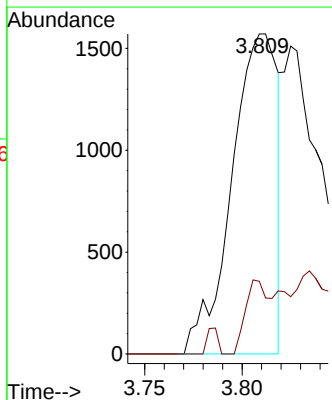
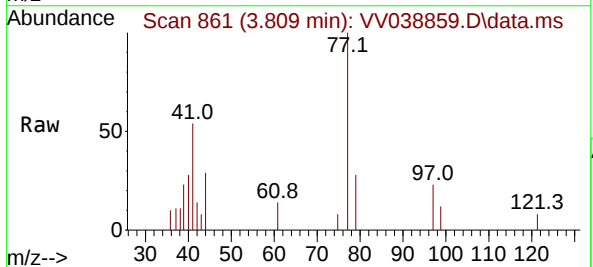
Instrument :
MSVOA_V
ClientSampleId :
MDL02

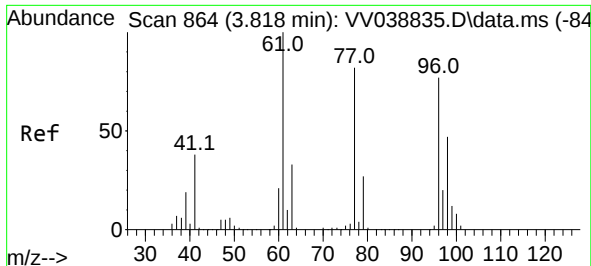
Tgt Ion: 43 Resp: 171
Ion Ratio Lower Upper
43 100
72 0.0 23.8 35.8#



#26
2,2-Dichloropropane
Concen: 0.339 ug/l
RT: 3.809 min Scan# 861
Delta R.T. 0.000 min
Lab File: VV038859.D
Acq: 03 Jul 2025 14:16

Tgt Ion: 77 Resp: 2548
Ion Ratio Lower Upper
77 100
97 12.3 11.5 34.4



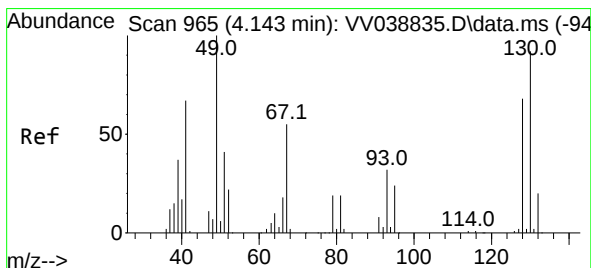
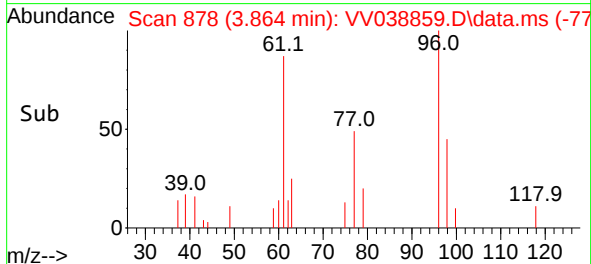
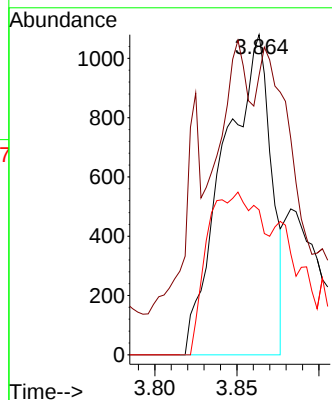
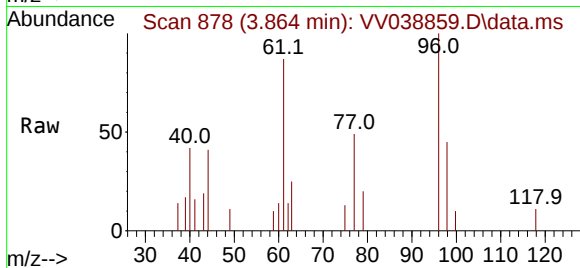


#27
 cis-1,2-Dichloroethene
 Concen: 0.427 ug/l
 RT: 3.864 min Scan# 81
 Delta R.T. 0.045 min
 Lab File: VV038859.D
 Acq: 03 Jul 2025 14:16

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL02

Tgt Ion: 96 Resp: 2171

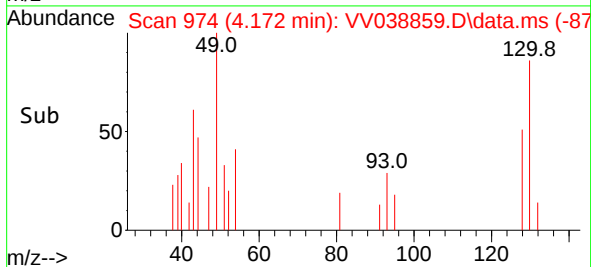
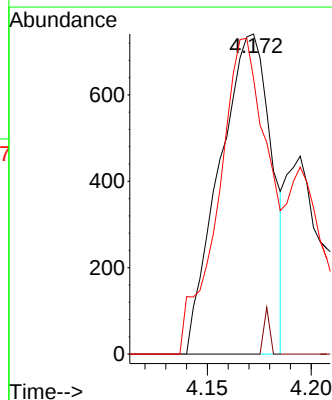
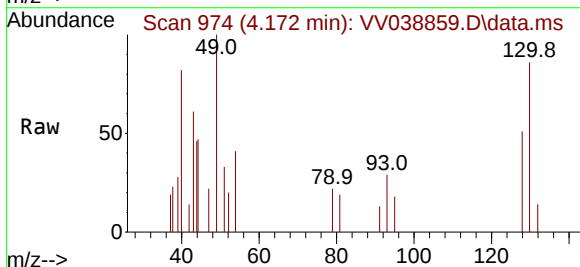
Ion	Ratio	Lower	Upper
96	100		
61	22.6	0.0	268.4
98	59.2	0.0	128.0

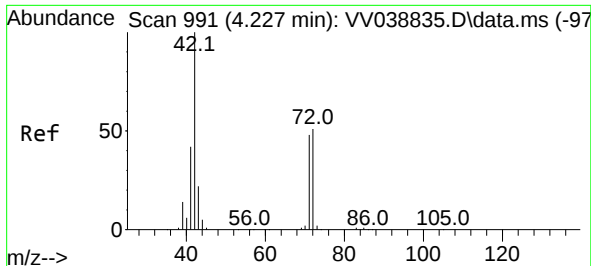


#28
 Bromochloromethane
 Concen: 0.372 ug/l
 RT: 4.172 min Scan# 974
 Delta R.T. 0.029 min
 Lab File: VV038859.D
 Acq: 03 Jul 2025 14:16

Tgt Ion: 49 Resp: 1291

Ion	Ratio	Lower	Upper
49	100		
129	1.6	0.0	2.2
130	94.4	72.5	108.7





#29

Tetrahydrofuran

Concen: 0.074 ug/l

RT: 4.230 min Scan# 991

Delta R.T. 0.003 min

Lab File: VV038859.D

Acq: 03 Jul 2025 14:16

Instrument :

MSVOA_V

ClientSampleId :

MDL02

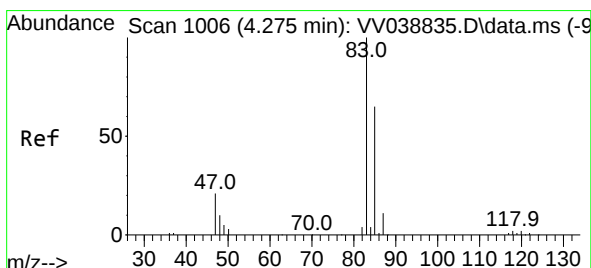
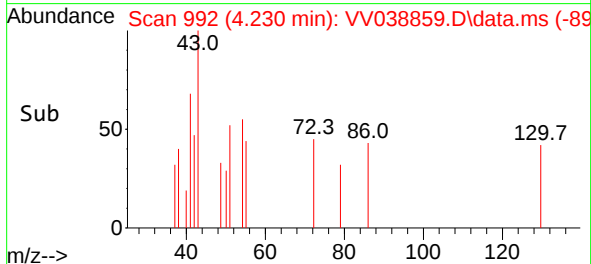
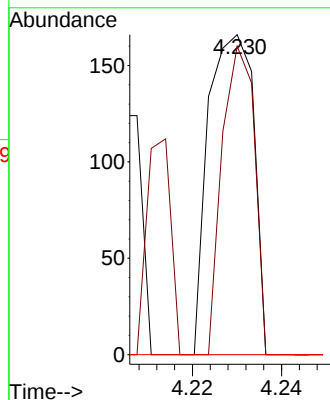
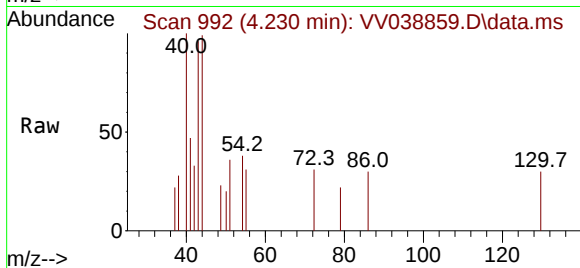
Tgt Ion: 42 Resp: 117

Ion Ratio Lower Upper

42 100

72 68.4 41.3 61.9#

71 0.0 39.2 58.8#



#30

Chloroform

Concen: 0.628 ug/l

RT: 4.291 min Scan# 1011

Delta R.T. 0.016 min

Lab File: VV038859.D

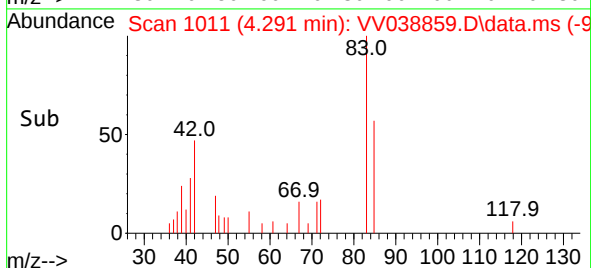
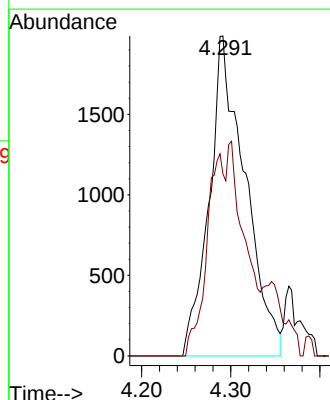
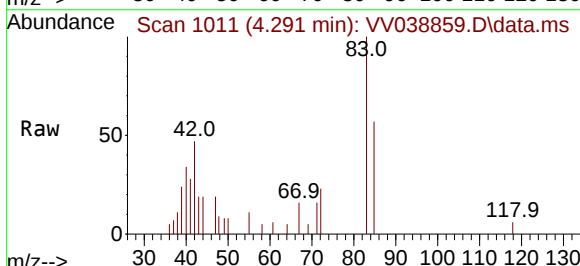
Acq: 03 Jul 2025 14:16

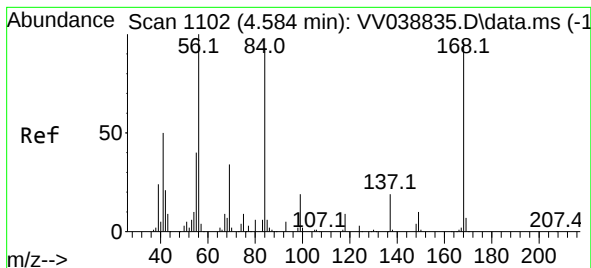
Tgt Ion: 83 Resp: 5547

Ion Ratio Lower Upper

83 100

85 56.9 51.8 77.6





#31

Cyclohexane

Concen: 1.902 ug/l

RT: 4.593 min Scan# 1105

Delta R.T. 0.010 min

Lab File: VV038859.D

Acq: 03 Jul 2025 14:16

Instrument :

MSVOA_V

ClientSampleId :

MDL02

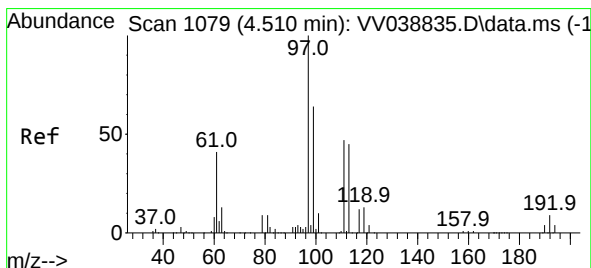
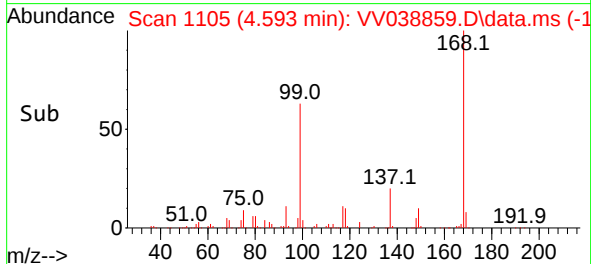
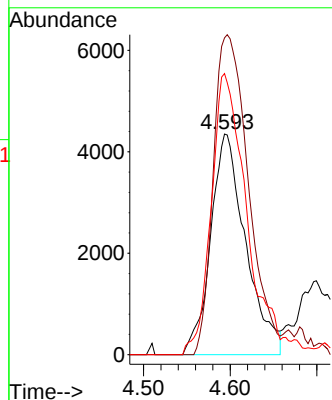
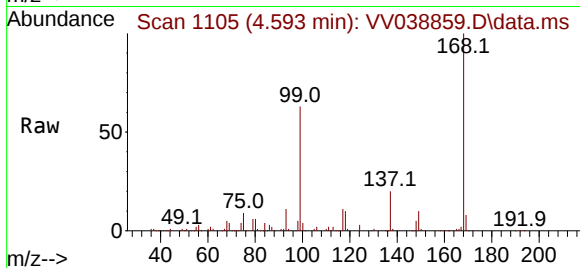
Tgt Ion: 56 Resp: 12213

Ion Ratio Lower Upper

56 100

69 143.6 27.0 40.4#

84 127.4 74.4 111.6#



#32

1,1,1-Trichloroethane

Concen: 0.597 ug/l

RT: 4.513 min Scan# 1080

Delta R.T. 0.003 min

Lab File: VV038859.D

Acq: 03 Jul 2025 14:16

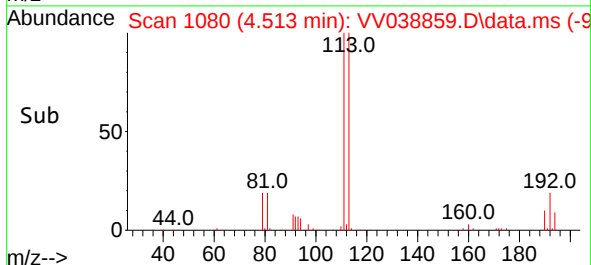
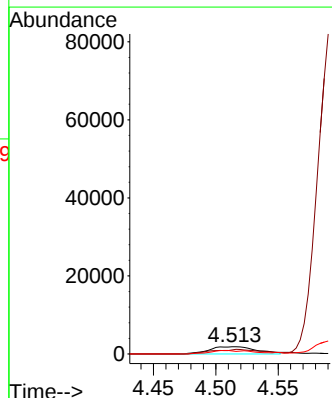
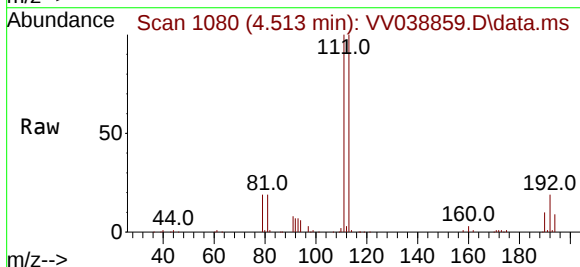
Tgt Ion: 97 Resp: 4896

Ion Ratio Lower Upper

97 100

99 0.0 48.8 73.2#

61 25.3 31.8 47.8#





#33

1,2-Dichloroethane-d4

Concen: 54.950 ug/l

RT: 4.941 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV038859.D

Acq: 03 Jul 2025 14:16

Instrument :

MSVOA_V

ClientSampleId :

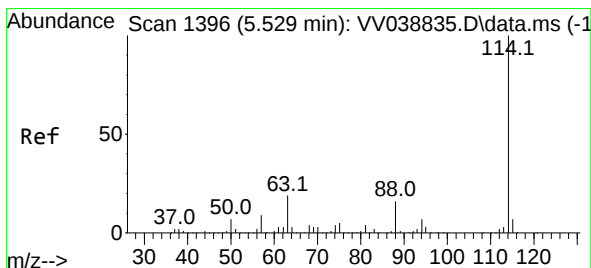
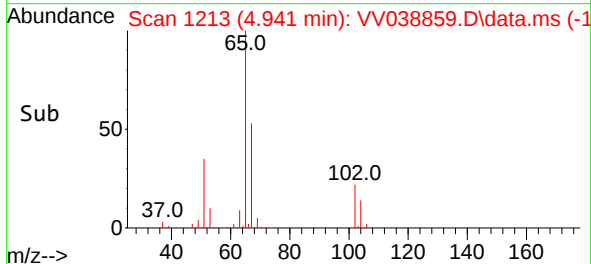
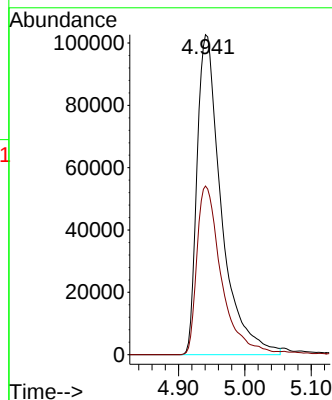
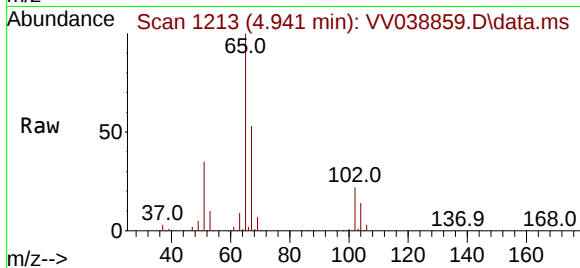
MDL02

Tgt Ion: 65 Resp: 260919

Ion Ratio Lower Upper

65 100

67 53.2 0.0 105.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.532 min Scan# 1397

Delta R.T. 0.003 min

Lab File: VV038859.D

Acq: 03 Jul 2025 14:16

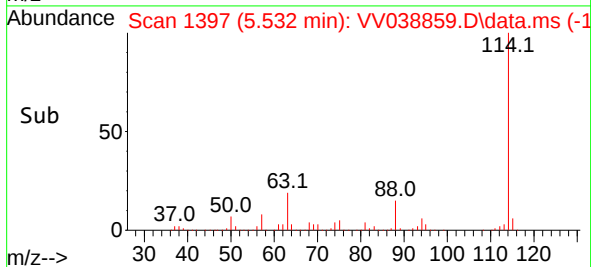
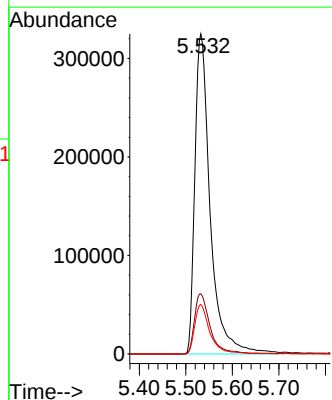
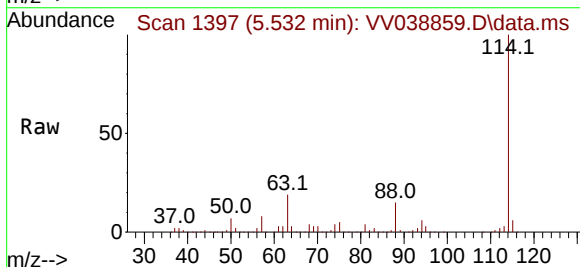
Tgt Ion: 114 Resp: 742703

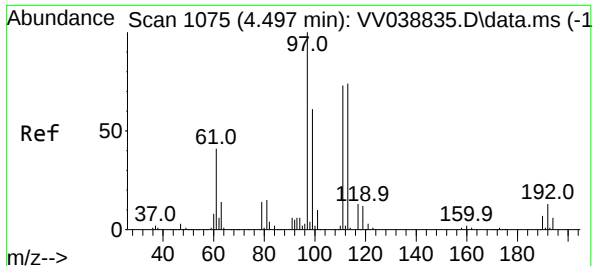
Ion Ratio Lower Upper

114 100

63 18.8 0.0 38.4

88 15.5 0.0 31.2





#35

Dibromofluoromethane

Concen: 50.516 ug/l

RT: 4.503 min Scan# 1107

Delta R.T. 0.007 min

Lab File: VV038859.D

Acq: 03 Jul 2025 14:16

Instrument :

MSVOA_V

ClientSampleId :

MDL02

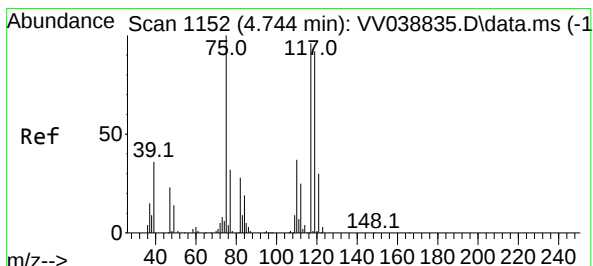
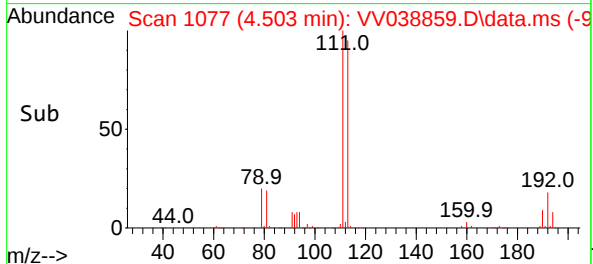
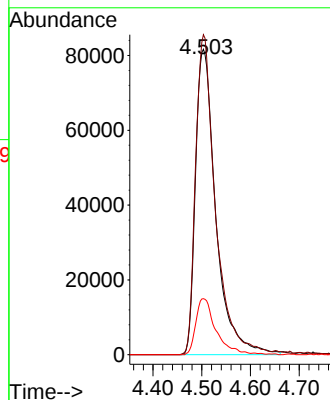
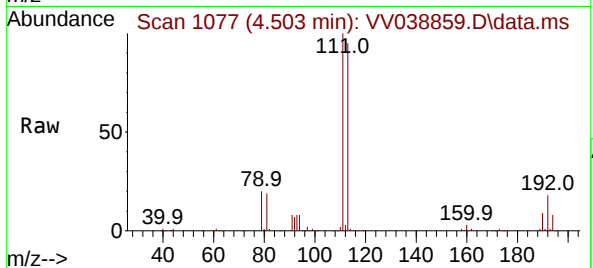
Tgt Ion:113 Resp: 237649

Ion Ratio Lower Upper

113 100

111 102.3 81.5 122.3

192 17.9 14.7 22.1



#36

1,1-Dichloropropene

Concen: 0.403 ug/l

RT: 4.777 min Scan# 1162

Delta R.T. 0.032 min

Lab File: VV038859.D

Acq: 03 Jul 2025 14:16

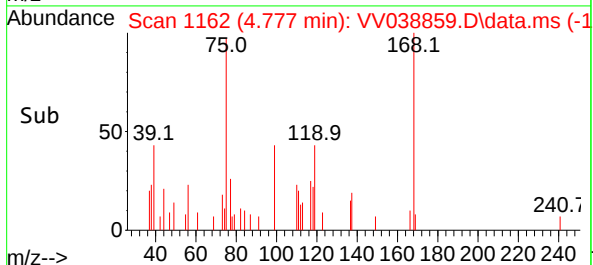
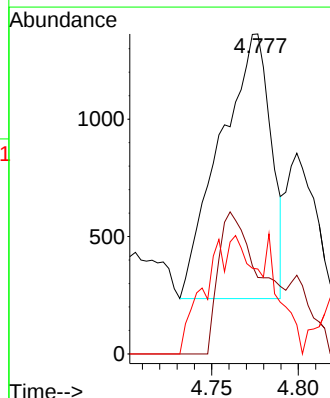
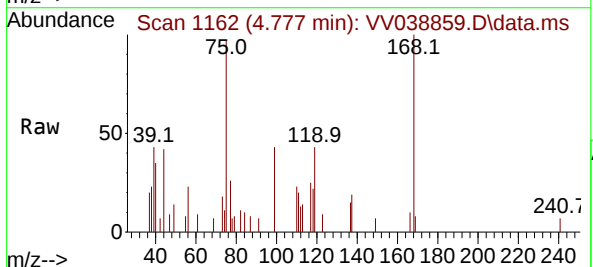
Tgt Ion: 75 Resp: 2298

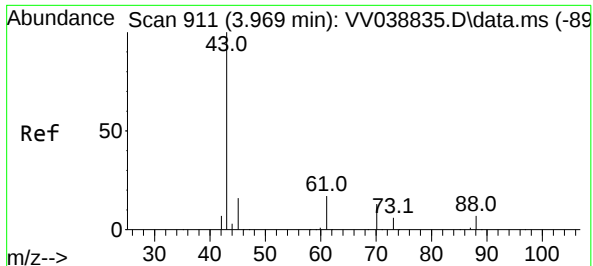
Ion Ratio Lower Upper

75 100

110 0.0 19.3 57.9#

77 0.0 25.1 37.7#





#37

Ethyl Acetate

Concen: 0.117 ug/l

RT: 3.986 min Scan# 911

Delta R.T. 0.016 min

Lab File: VV038859.D

Acq: 03 Jul 2025 14:16

Instrument :

MSVOA_V

ClientSampleId :

MDL02

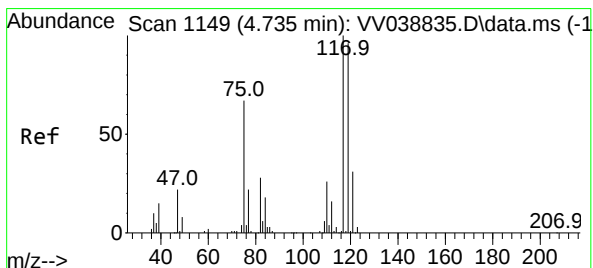
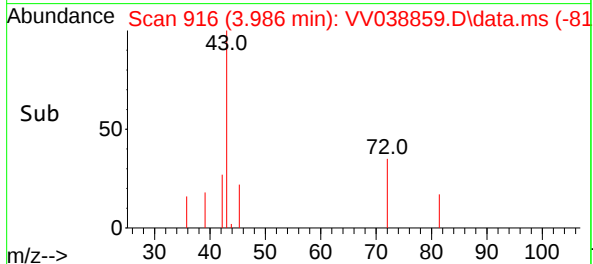
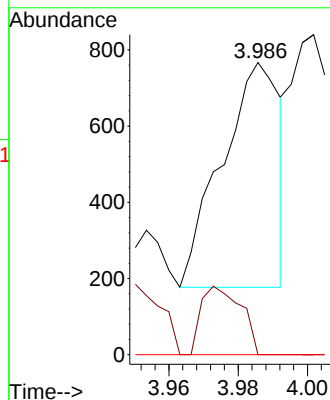
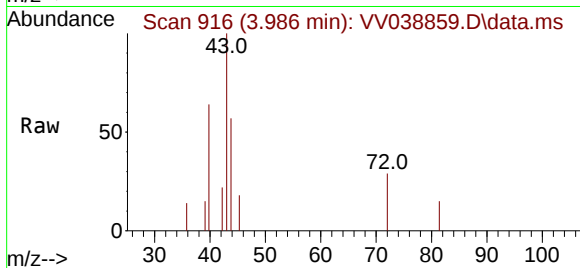
Tgt Ion: 43 Resp: 683

Ion Ratio Lower Upper

43 100

61 21.1 13.0 19.4#

70 0.0 9.6 14.4#



#38

Carbon Tetrachloride

Concen: 0.520 ug/l

RT: 4.738 min Scan# 1150

Delta R.T. 0.003 min

Lab File: VV038859.D

Acq: 03 Jul 2025 14:16

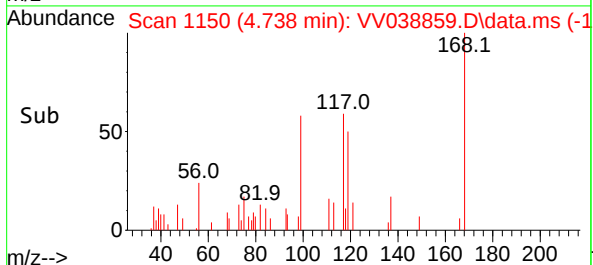
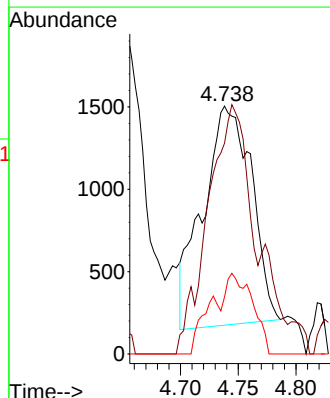
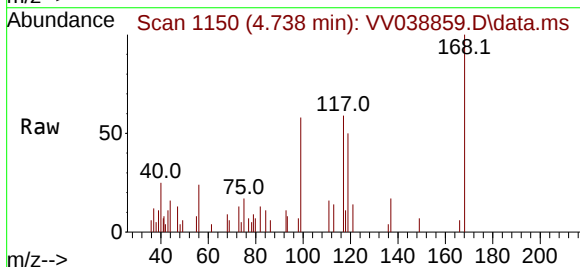
Tgt Ion: 117 Resp: 3909

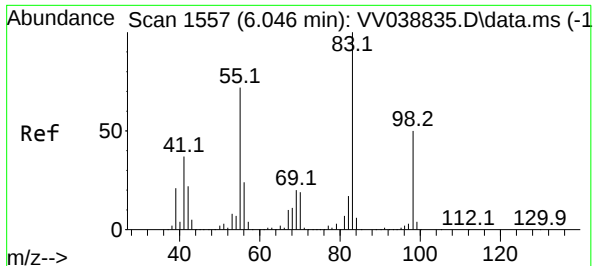
Ion Ratio Lower Upper

117 100

119 89.7 76.5 114.7

121 26.7 25.0 37.6





#39

Methylcyclohexane

Concen: 0.606 ug/l

RT: 6.050 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV038859.D

Acq: 03 Jul 2025 14:16

Instrument :

MSVOA_V

ClientSampleId :

MDL02

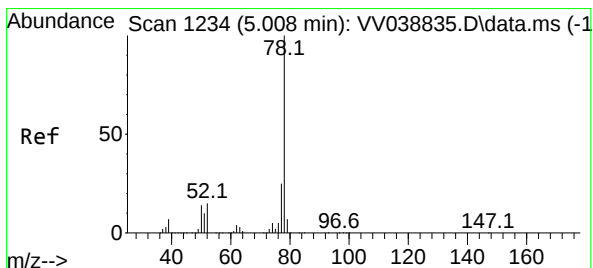
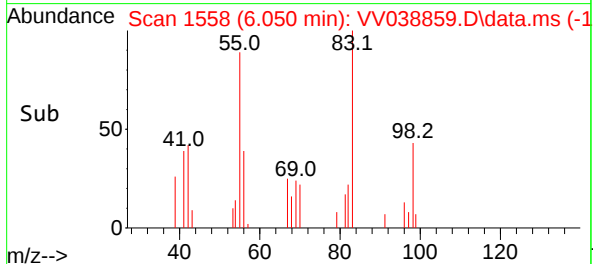
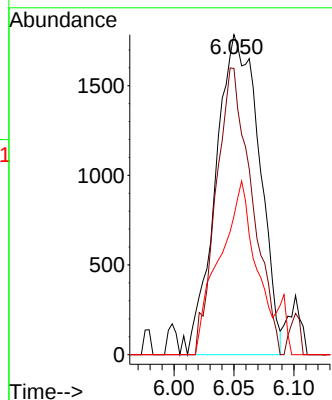
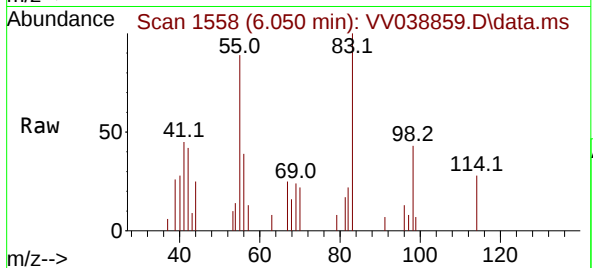
Tgt Ion: 83 Resp: 4521

Ion Ratio Lower Upper

83 100

55 89.5 57.7 86.5#

98 43.3 40.2 60.2



#40

Benzene

Concen: 0.546 ug/l

RT: 5.034 min Scan# 1242

Delta R.T. 0.026 min

Lab File: VV038859.D

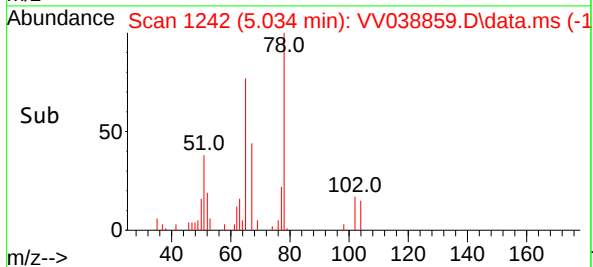
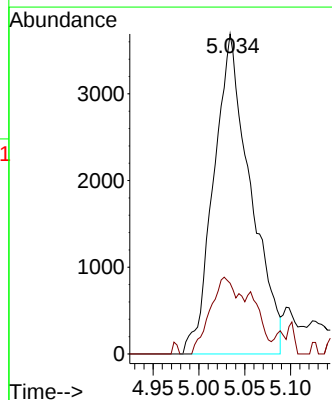
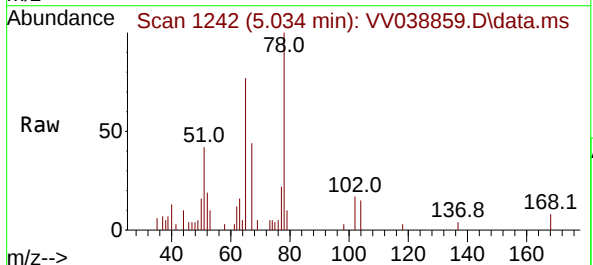
Acq: 03 Jul 2025 14:16

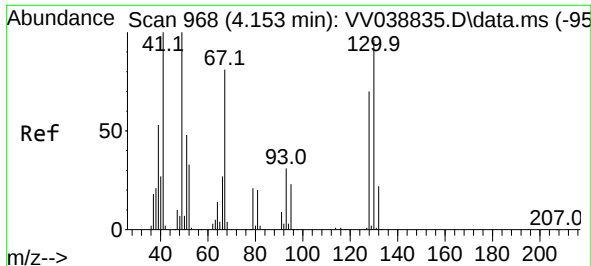
Tgt Ion: 78 Resp: 10286

Ion Ratio Lower Upper

78 100

77 22.1 19.6 29.4

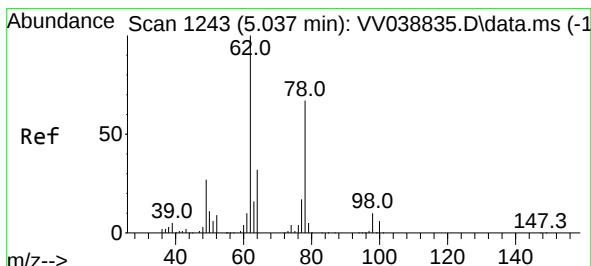
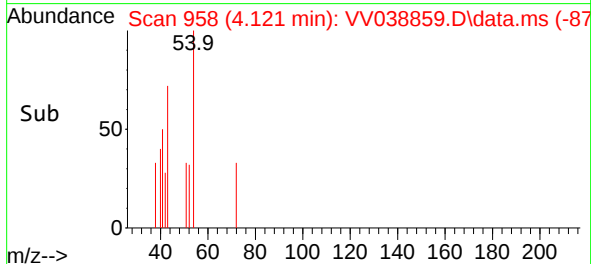
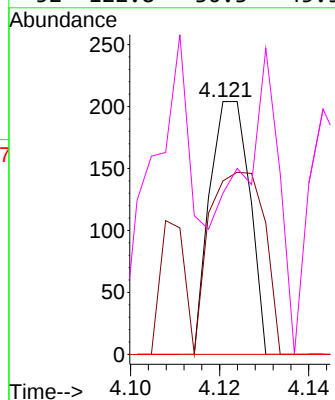
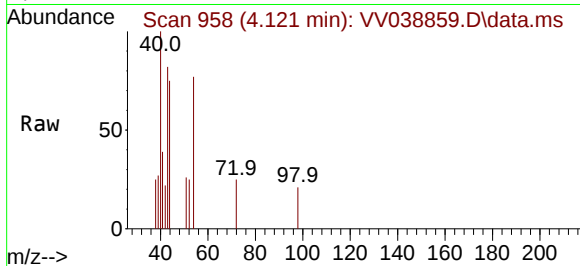




#41
Methacrylonitrile
Concen: 0.051 ug/l
RT: 4.121 min Scan# 91
Delta R.T. -0.032 min
Lab File: VV038859.D
Acq: 03 Jul 2025 14:16

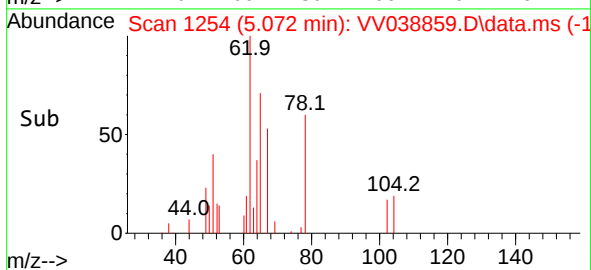
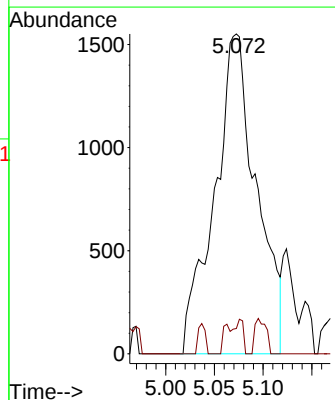
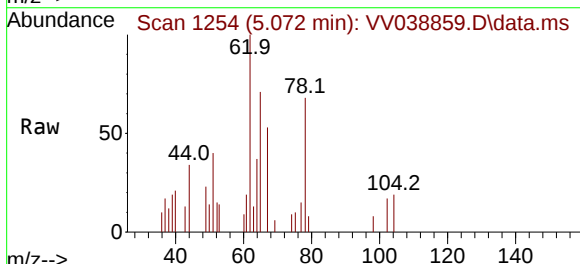
Instrument :
MSVOA_V
ClientSampleId :
MDL02

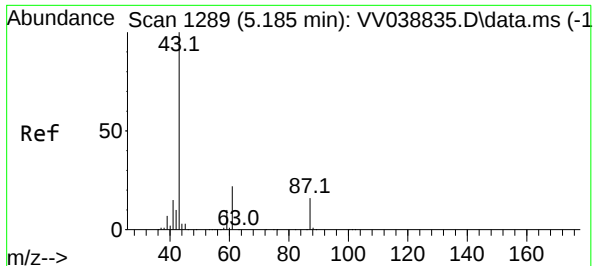
Tgt Ion:	41	Resp:	127
Ion	Ratio	Lower	Upper
41	100		
39	99.2	43.8	65.8#
67	0.0	78.8	118.2#
52	122.8	30.3	45.5#



#42
1,2-Dichloroethane
Concen: 0.697 ug/l
RT: 5.072 min Scan# 1254
Delta R.T. 0.036 min
Lab File: VV038859.D
Acq: 03 Jul 2025 14:16

Tgt Ion:	62	Resp:	4652
Ion	Ratio	Lower	Upper
62	100		
98	1.9	0.0	19.0

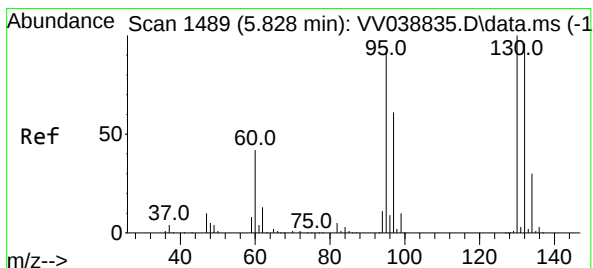
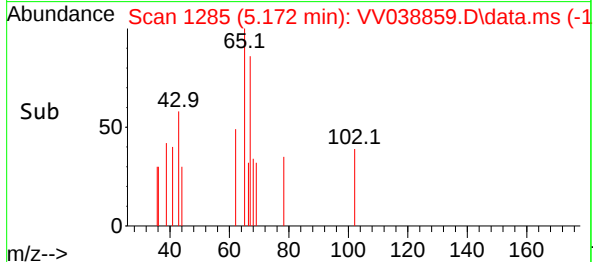
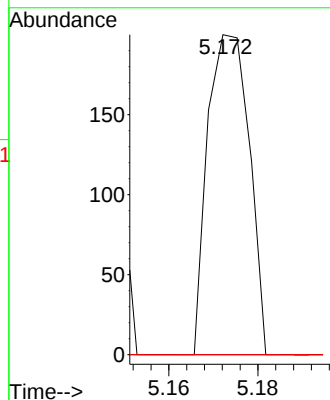
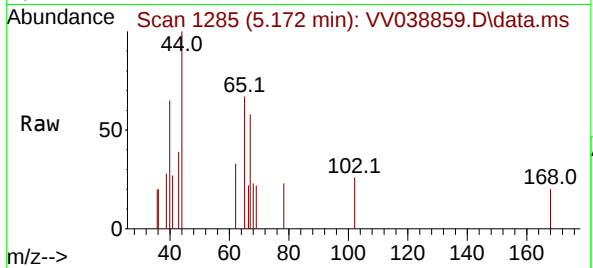




#43
Isopropyl Acetate
Concen: 0.014 ug/l
RT: 5.172 min Scan# 11
Delta R.T. -0.013 min
Lab File: VV038859.D
Acq: 03 Jul 2025 14:16

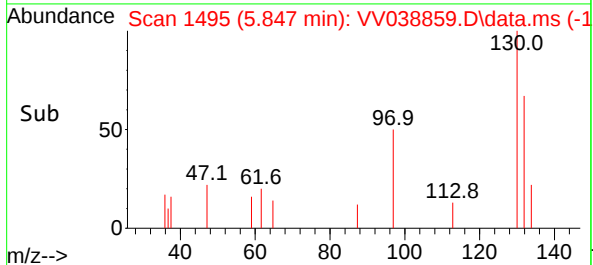
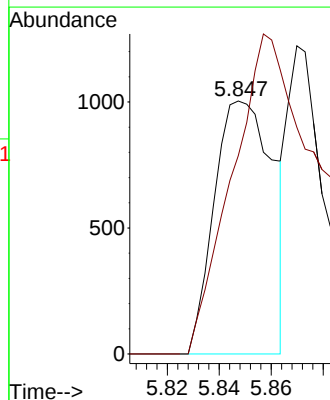
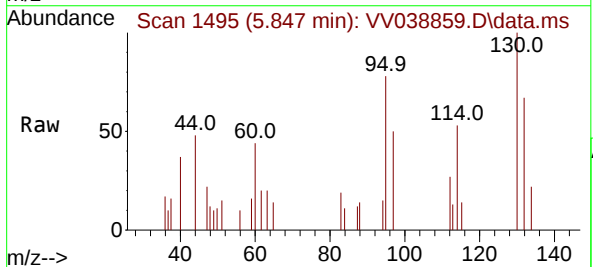
Instrument :
MSVOA_V
ClientSampleId :
MDL02

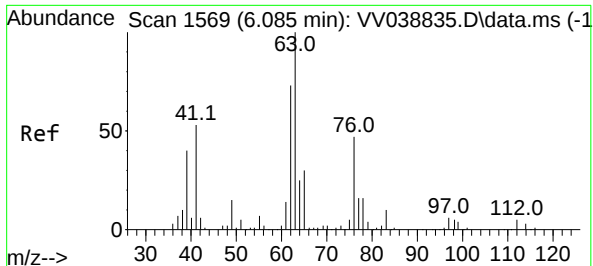
Tgt Ion: 43 Resp: 130
Ion Ratio Lower Upper
43 100
61 0.0 17.0 25.6#
87 0.0 13.0 19.6#



#44
Trichloroethene
Concen: 0.320 ug/l
RT: 5.847 min Scan# 1495
Delta R.T. 0.019 min
Lab File: VV038859.D
Acq: 03 Jul 2025 14:16

Tgt Ion:130 Resp: 1572
Ion Ratio Lower Upper
130 100
95 78.4 0.0 184.4





#45

1,2-Dichloropropane

Concen: 0.504 ug/l

RT: 6.105 min Scan# 1575

Delta R.T. 0.019 min

Lab File: VV038859.D

Acq: 03 Jul 2025 14:16

Instrument :

MSVOA_V

ClientSampleId :

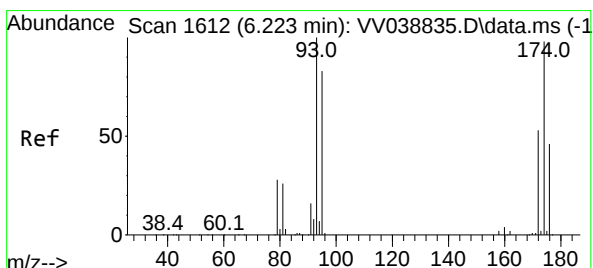
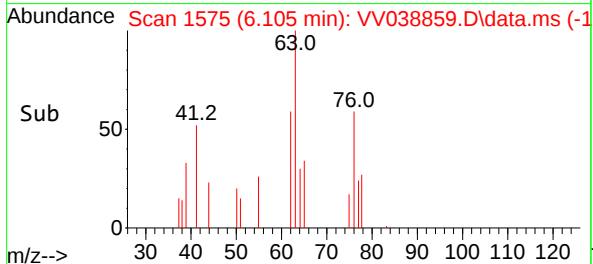
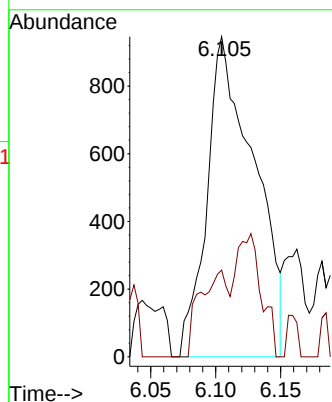
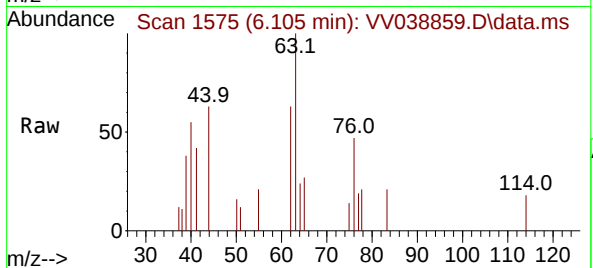
MDL02

Tgt Ion: 63 Resp: 2387

Ion Ratio Lower Upper

63 100

65 27.1 24.3 36.5



#46

Dibromomethane

Concen: 0.369 ug/l

RT: 6.252 min Scan# 1621

Delta R.T. 0.029 min

Lab File: VV038859.D

Acq: 03 Jul 2025 14:16

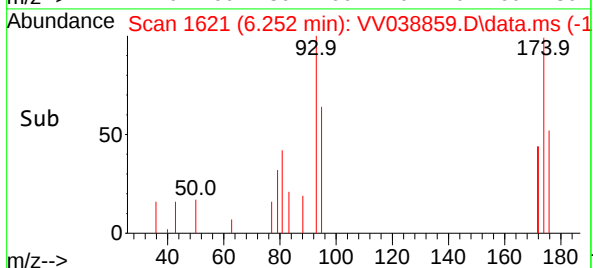
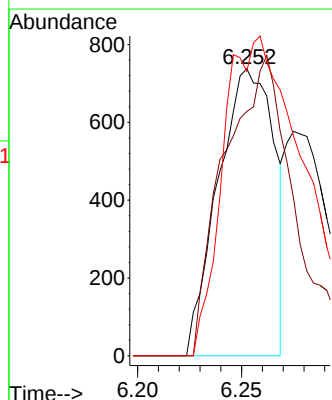
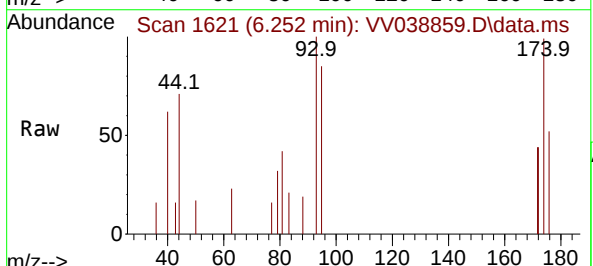
Tgt Ion: 93 Resp: 1378

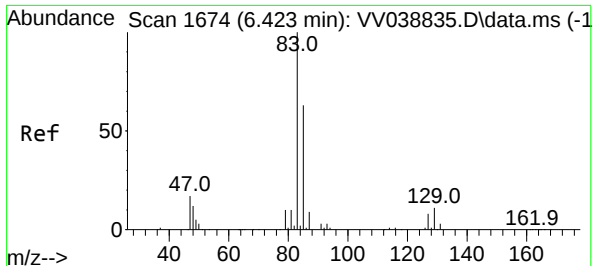
Ion Ratio Lower Upper

93 100

95 128.5 66.7 100.1#

174 159.9 78.7 118.1#

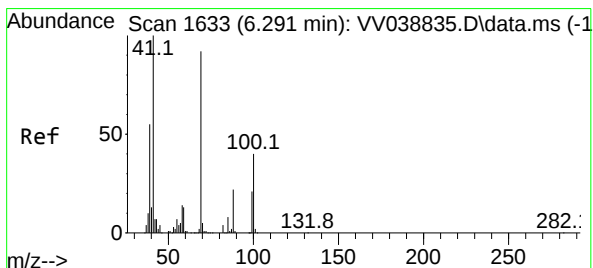
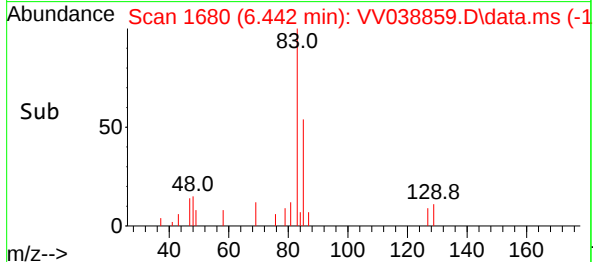
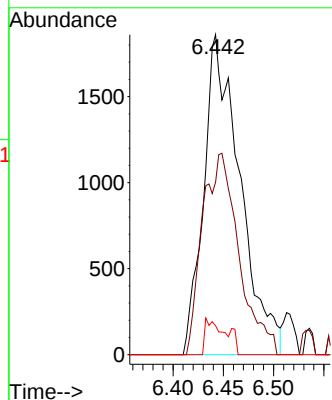
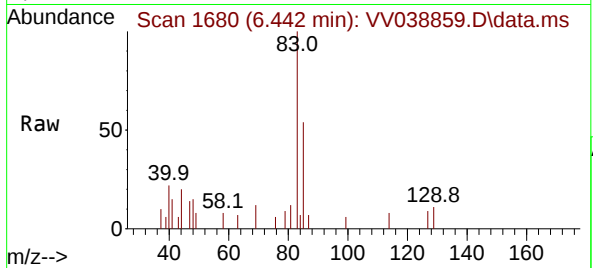




#47
Bromodichloromethane
Concen: 0.589 ug/l
RT: 6.442 min Scan# 1
Delta R.T. 0.019 min
Lab File: VV038859.D
Acq: 03 Jul 2025 14:16

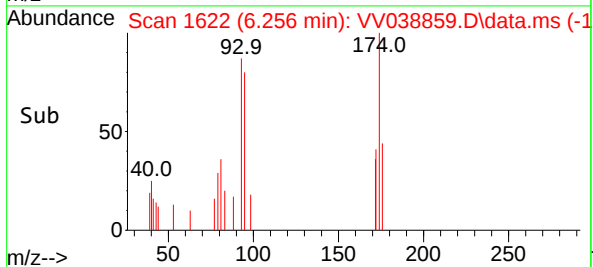
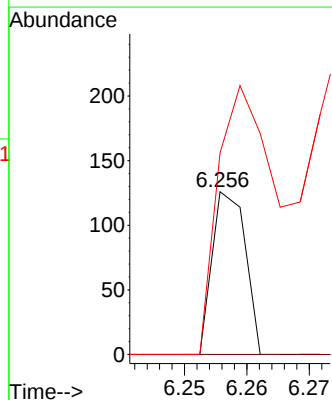
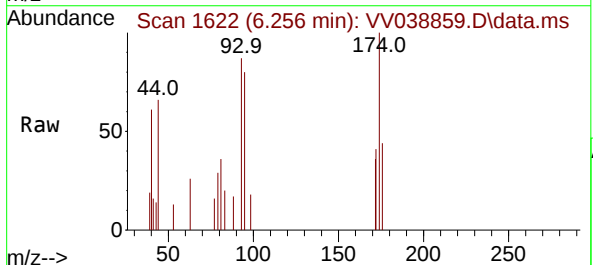
Instrument :
MSVOA_V
ClientSampleId :
MDL02

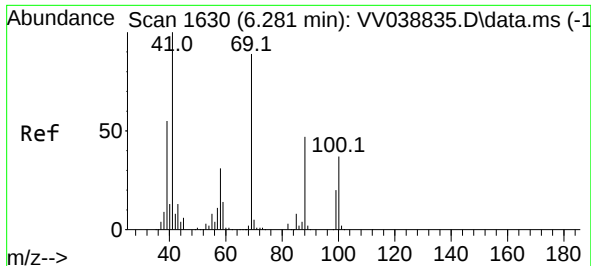
Tgt Ion: 83 Resp: 4660
Ion Ratio Lower Upper
83 100
85 53.9 50.1 75.1
127 9.0 6.6 10.0



#48
Methyl methacrylate
Concen: 0.010 ug/l
RT: 6.256 min Scan# 1622
Delta R.T. -0.035 min
Lab File: VV038859.D
Acq: 03 Jul 2025 14:16

Tgt Ion: 41 Resp: 46
Ion Ratio Lower Upper
41 100
69 0.0 77.4 116.2#
39 271.7 44.2 66.4#





#49

1,4-Dioxane

Concen: 2.106 ug/l

RT: 6.249 min Scan# 1630

Delta R.T. -0.032 min

Lab File: VV038859.D

Acq: 03 Jul 2025 14:16

Instrument :

MSVOA_V

ClientSampleId :

MDL02

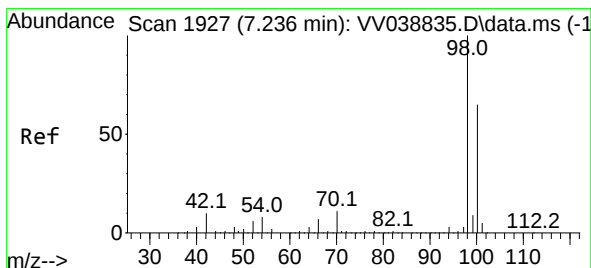
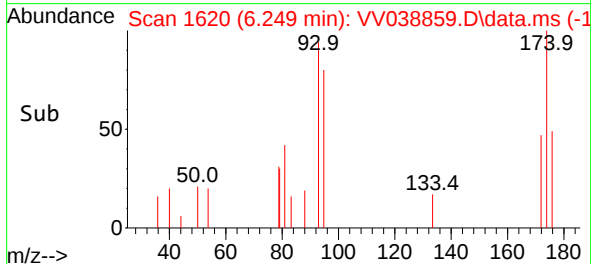
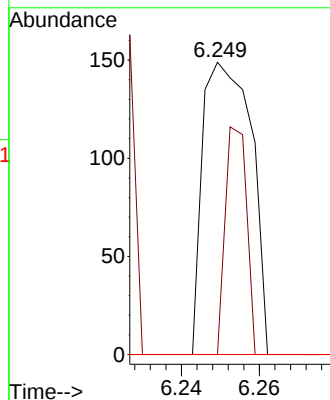
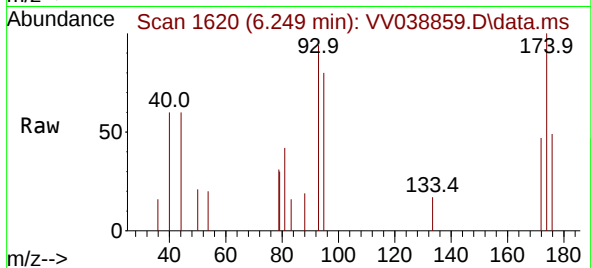
Tgt Ion: 88 Resp: 129

Ion Ratio Lower Upper

88 100

43 34.1 25.2 37.8

58 0.0 52.1 78.1#



#50

Toluene-d8

Concen: 44.757 ug/l

RT: 7.236 min Scan# 1927

Delta R.T. 0.000 min

Lab File: VV038859.D

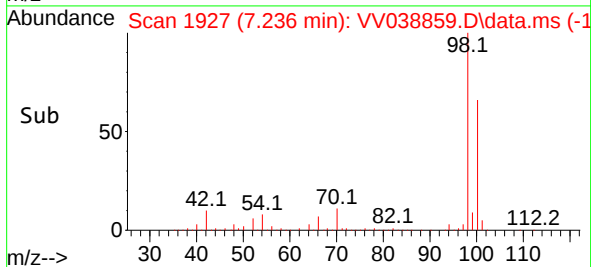
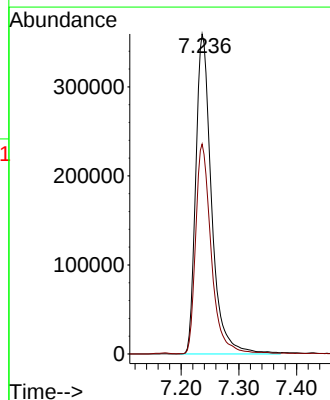
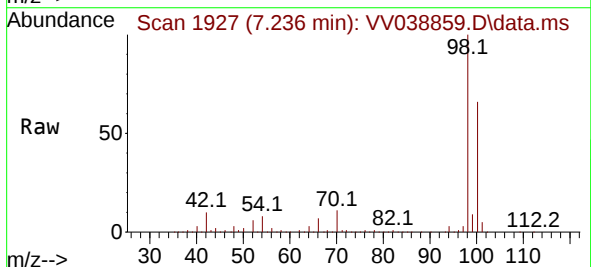
Acq: 03 Jul 2025 14:16

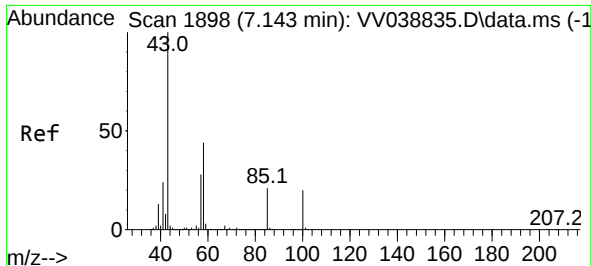
Tgt Ion: 98 Resp: 681239

Ion Ratio Lower Upper

98 100

100 64.8 53.0 79.4

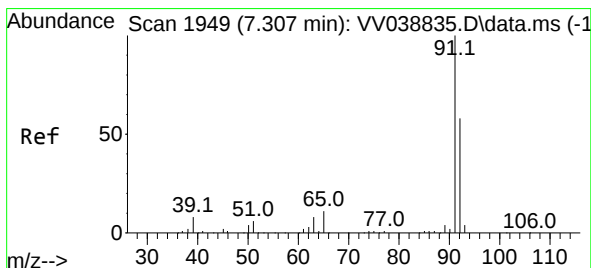
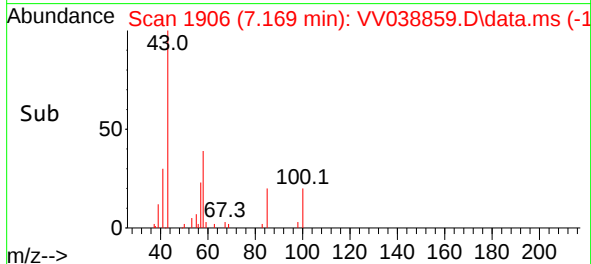
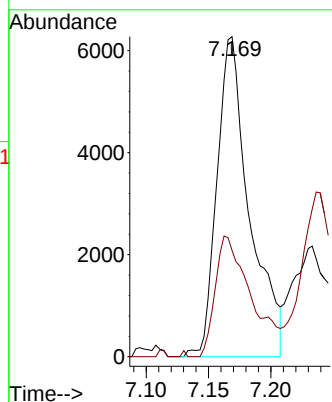
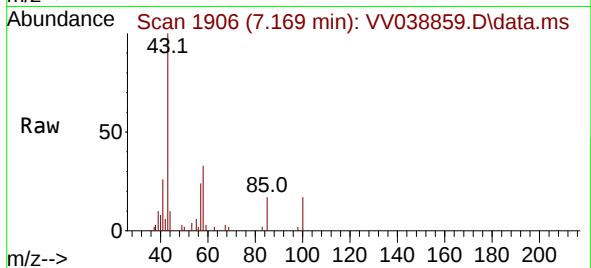




#51
4-Methyl-2-Pentanone
Concen: 1.942 ug/l
RT: 7.169 min Scan# 1906
Delta R.T. 0.026 min
Lab File: VV038859.D
Acq: 03 Jul 2025 14:16

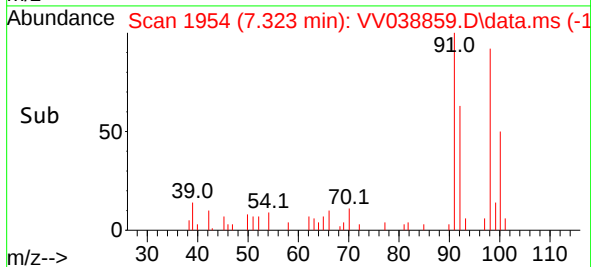
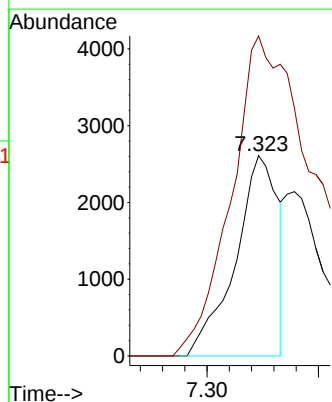
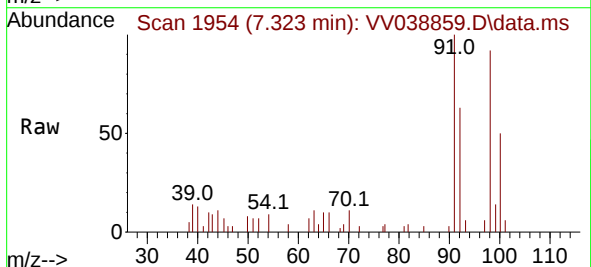
Instrument :
MSVOA_V
ClientSampleId :
MDL02

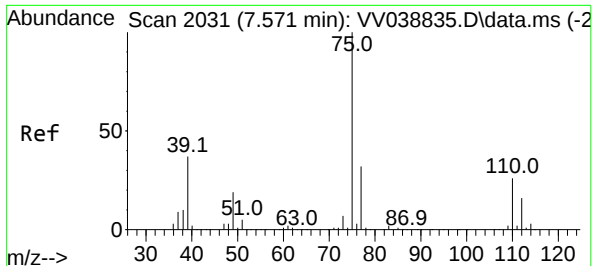
Tgt Ion: 43 Resp: 11386
Ion Ratio Lower Upper
43 100
58 41.5 34.4 51.6



#52
Toluene
Concen: 0.293 ug/l
RT: 7.323 min Scan# 1954
Delta R.T. 0.016 min
Lab File: VV038859.D
Acq: 03 Jul 2025 14:16

Tgt Ion: 92 Resp: 3447
Ion Ratio Lower Upper
92 100
91 340.5 138.5 207.7#





#53

t-1,3-Dichloropropene

Concen: 0.350 ug/l

RT: 7.616 min Scan# 2031

Delta R.T. 0.045 min

Lab File: VV038859.D

Acq: 03 Jul 2025 14:16

Instrument :

MSVOA_V

ClientSampleId :

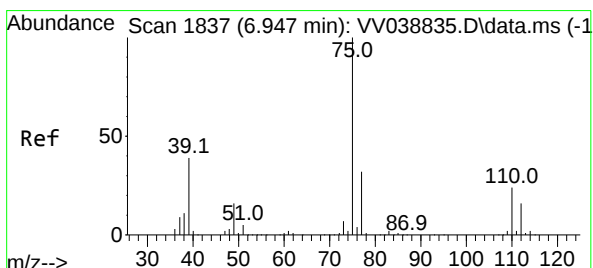
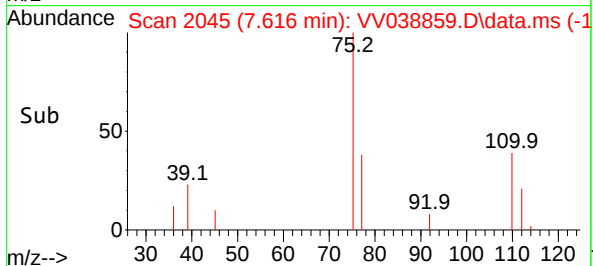
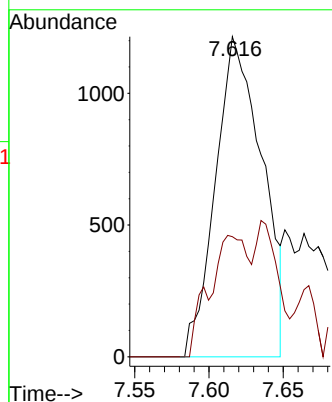
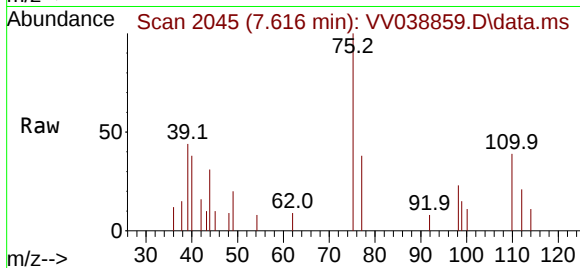
MDL02

Tgt Ion: 75 Resp: 2647

Ion Ratio Lower Upper

75 100

77 37.5 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 0.554 ug/l

RT: 6.976 min Scan# 1846

Delta R.T. 0.029 min

Lab File: VV038859.D

Acq: 03 Jul 2025 14:16

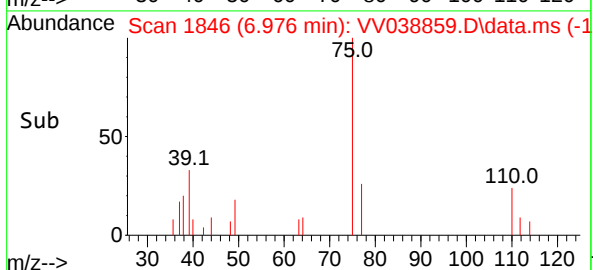
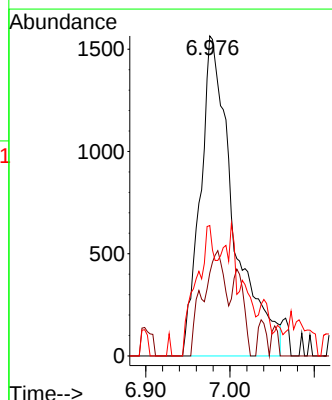
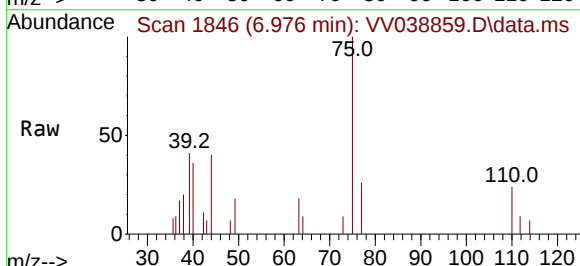
Tgt Ion: 75 Resp: 4285

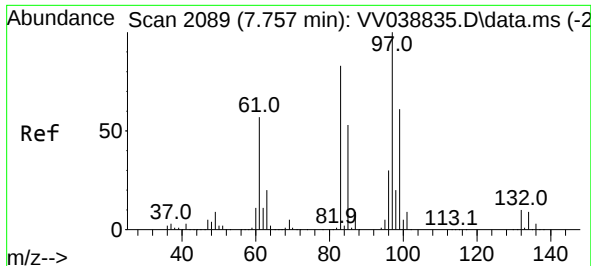
Ion Ratio Lower Upper

75 100

77 25.9 25.8 38.8

39 40.8 31.3 46.9

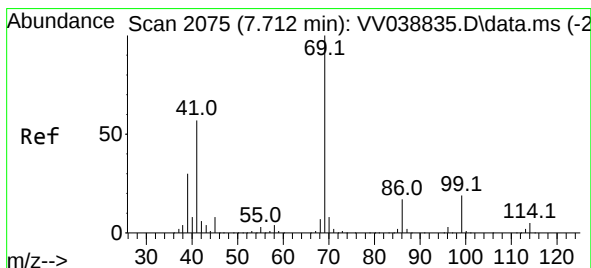
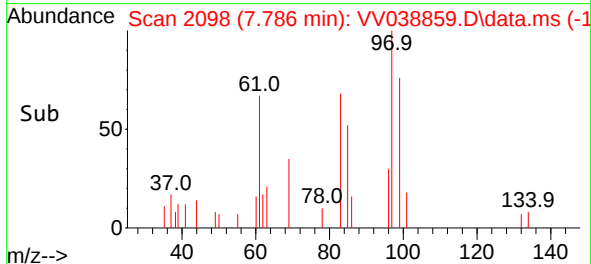
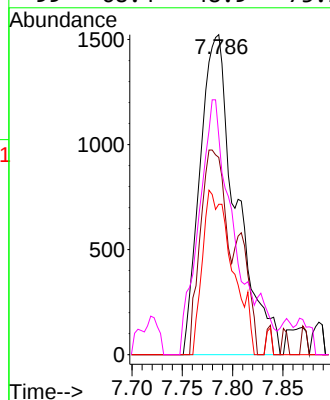
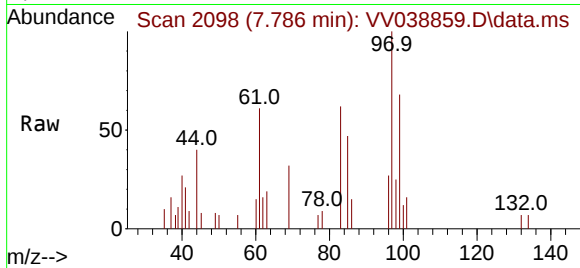




#55
1,1,2-Trichloroethane
Concen: 0.741 ug/l
RT: 7.786 min Scan# 2092
Delta R.T. 0.029 min
Lab File: VV038859.D
Acq: 03 Jul 2025 14:16

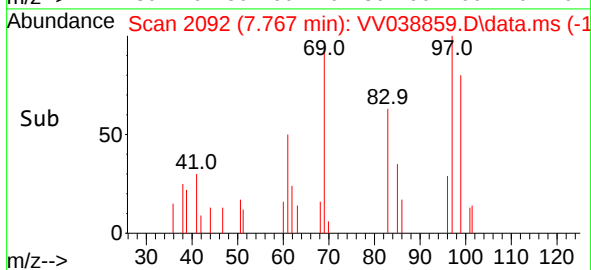
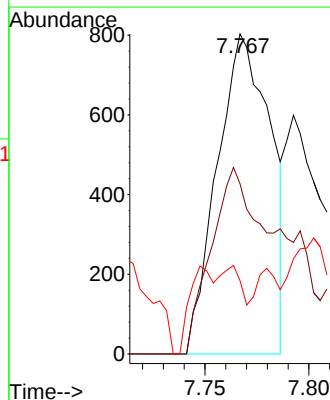
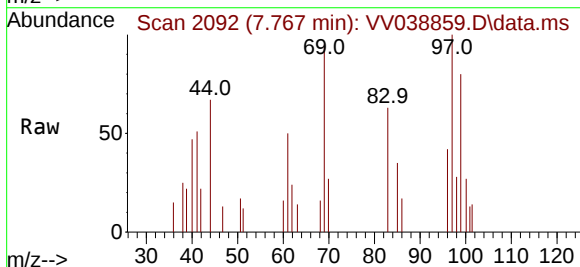
Instrument :
MSVOA_V
ClientSampleId :
MDL02

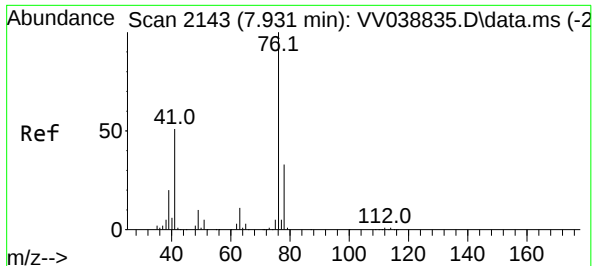
Tgt Ion:	97	Resp:	3817
Ion	Ratio	Lower	Upper
97	100		
83	61.7	66.2	99.4#
85	47.0	42.2	63.4
99	68.4	48.9	73.3



#56
Ethyl methacrylate
Concen: 0.210 ug/l
RT: 7.767 min Scan# 2092
Delta R.T. 0.055 min
Lab File: VV038859.D
Acq: 03 Jul 2025 14:16

Tgt Ion:	69	Resp:	1423
Ion	Ratio	Lower	Upper
69	100		
41	78.9	46.1	69.1#
39	4.1	24.1	36.1#

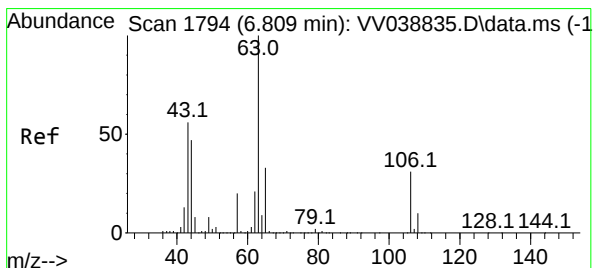
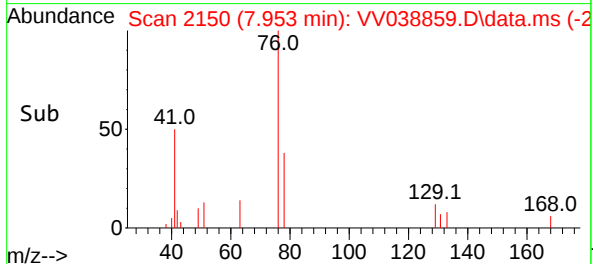
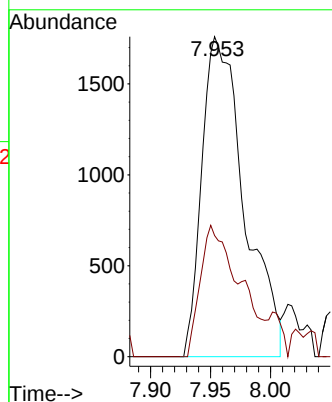
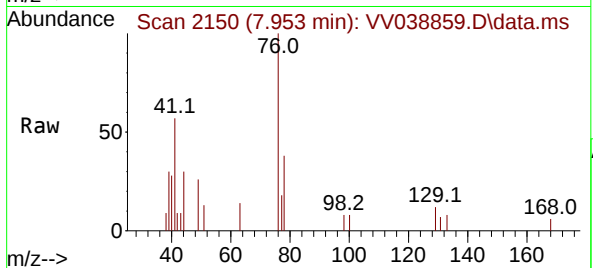




#57
1,3-Dichloropropane
Concen: 0.534 ug/l
RT: 7.953 min Scan# 2143
Delta R.T. 0.023 min
Lab File: VV038859.D
Acq: 03 Jul 2025 14:16

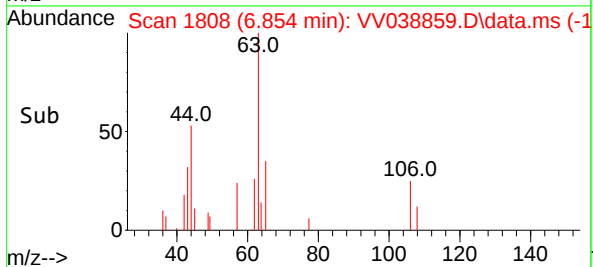
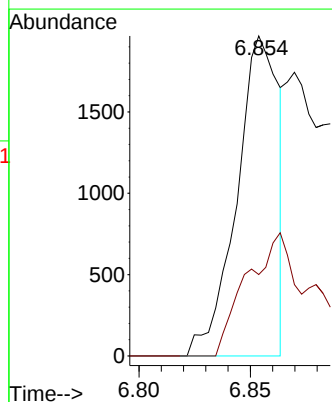
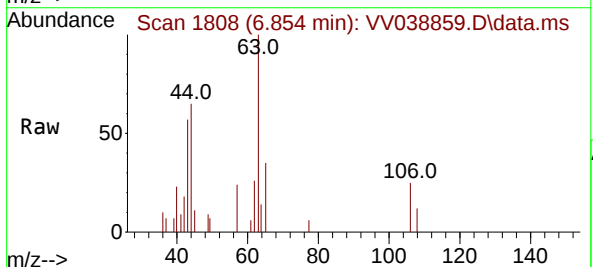
Instrument :
MSVOA_V
ClientSampleId :
MDL02

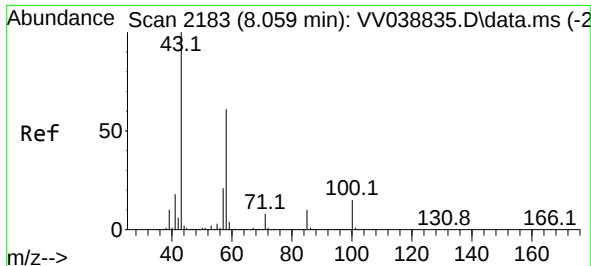
Tgt Ion: 76 Resp: 4333
Ion Ratio Lower Upper
76 100
78 38.1 26.2 39.2



#58
2-Chloroethyl Vinyl ether
Concen: 0.833 ug/l
RT: 6.854 min Scan# 1808
Delta R.T. 0.045 min
Lab File: VV038859.D
Acq: 03 Jul 2025 14:16

Tgt Ion: 63 Resp: 2563
Ion Ratio Lower Upper
63 100
106 43.3 24.6 37.0#





#59

2-Hexanone

Concen: 1.097 ug/l

RT: 8.121 min Scan# 21

Delta R.T. 0.061 min

Lab File: VV038859.D

Acq: 03 Jul 2025 14:16

Instrument :

MSVOA_V

ClientSampleId :

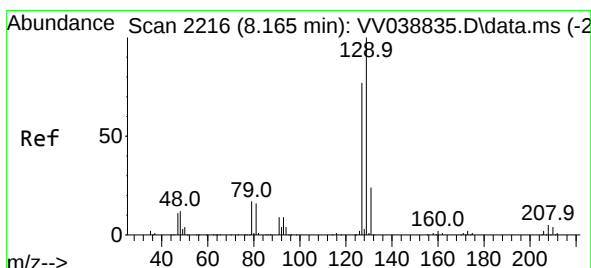
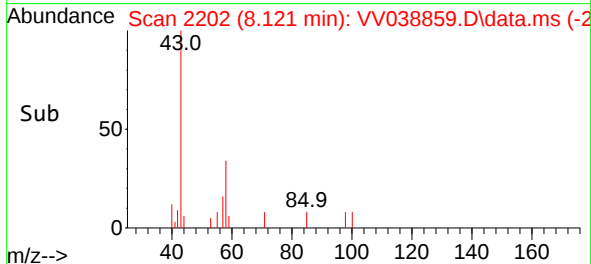
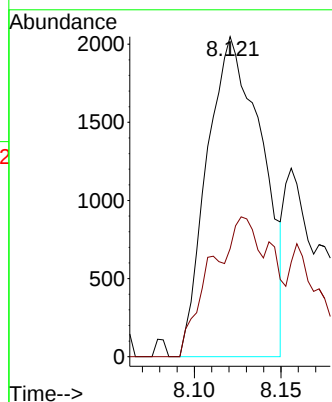
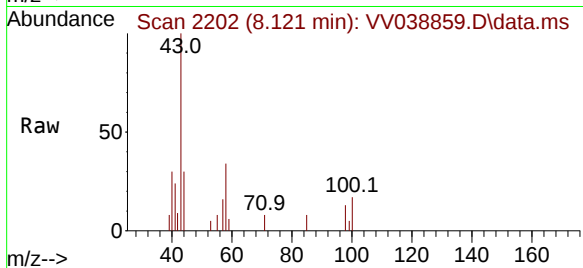
MDL02

Tgt Ion: 43 Resp: 4537

Ion Ratio Lower Upper

43 100

58 22.5 30.3 91.0#



#60

Dibromochloromethane

Concen: 0.589 ug/l

RT: 8.178 min Scan# 2220

Delta R.T. 0.013 min

Lab File: VV038859.D

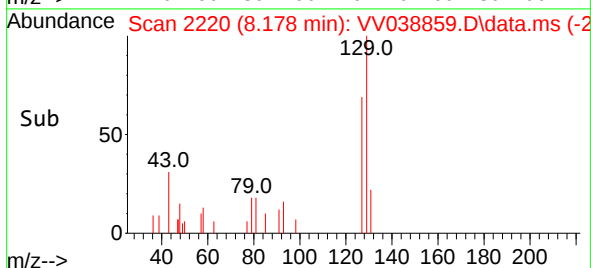
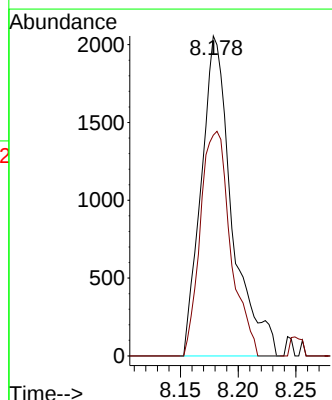
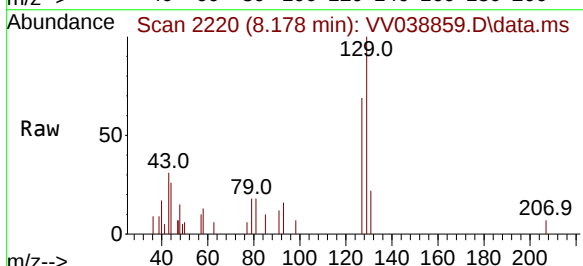
Acq: 03 Jul 2025 14:16

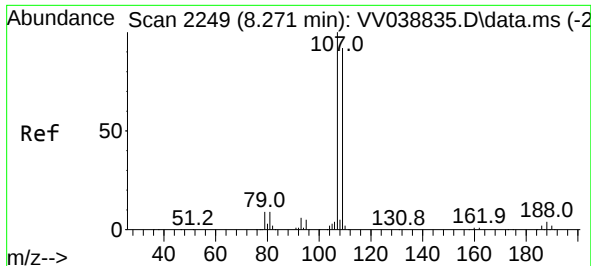
Tgt Ion:129 Resp: 3819

Ion Ratio Lower Upper

129 100

127 68.8 38.2 114.6





#61

1,2-Dibromoethane

Concen: 0.486 ug/l

RT: 8.294 min Scan# 21

Delta R.T. 0.023 min

Lab File: VV038859.D

Acq: 03 Jul 2025 14:16

Instrument :

MSVOA_V

ClientSampleId :

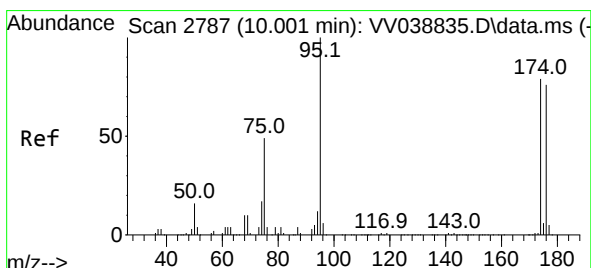
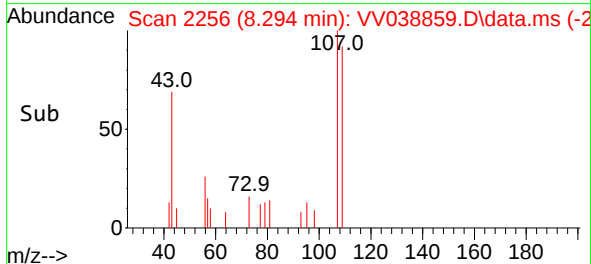
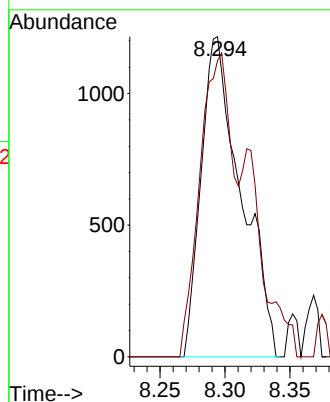
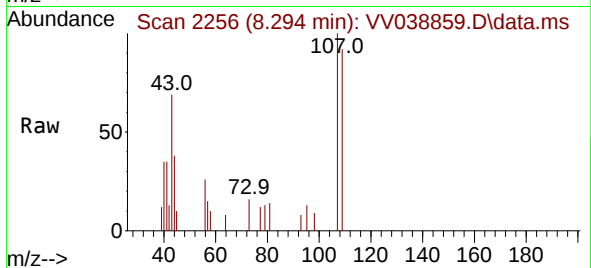
MDL02

Tgt Ion:107 Resp: 2592

Ion Ratio Lower Upper

107 100

109 78.0 74.8 112.2



#62

4-Bromofluorobenzene

Concen: 41.575 ug/l

RT: 10.002 min Scan# 2787

Delta R.T. 0.000 min

Lab File: VV038859.D

Acq: 03 Jul 2025 14:16

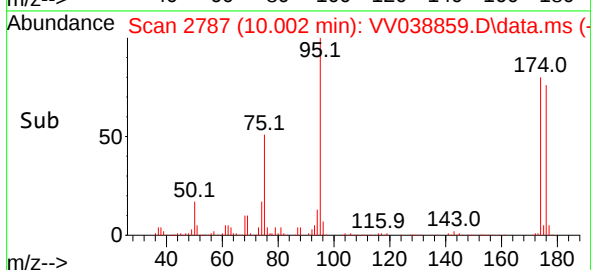
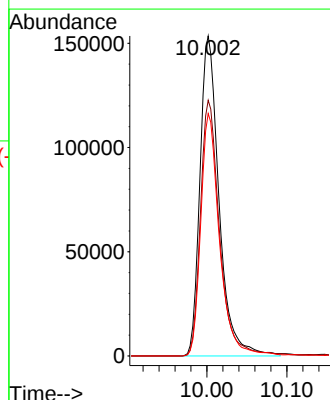
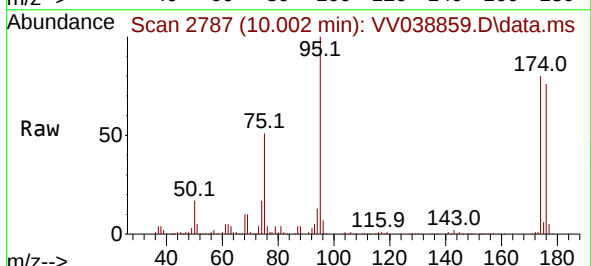
Tgt Ion: 95 Resp: 255664

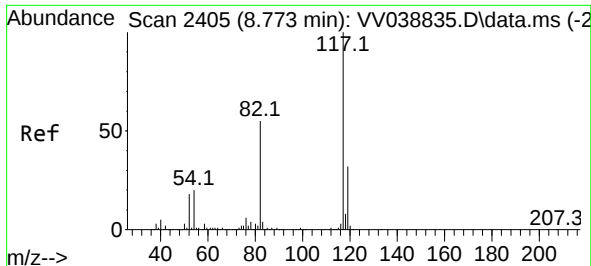
Ion Ratio Lower Upper

95 100

174 80.3 0.0 158.2

176 74.6 0.0 154.4

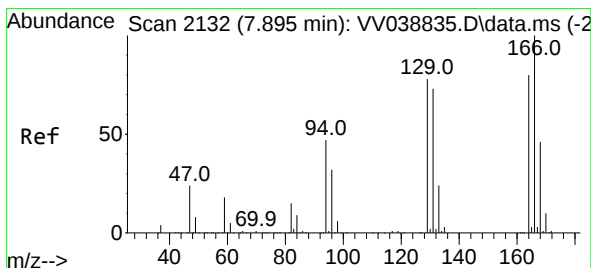
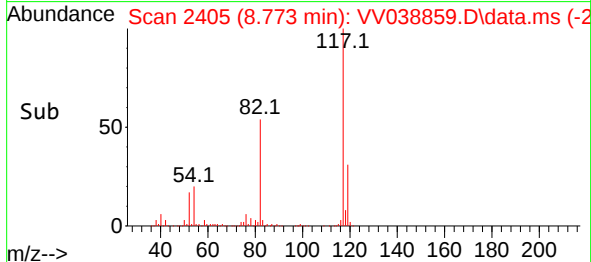
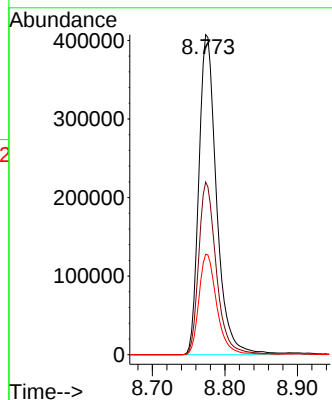
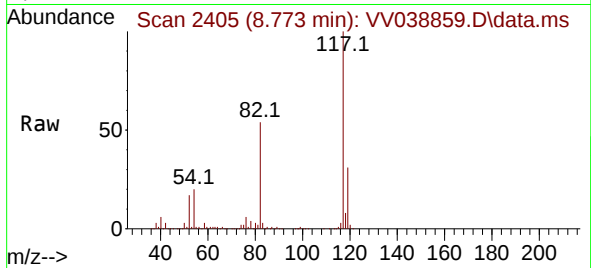




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.773 min Scan# 2405
Delta R.T. 0.000 min
Lab File: VV038859.D
Acq: 03 Jul 2025 14:16

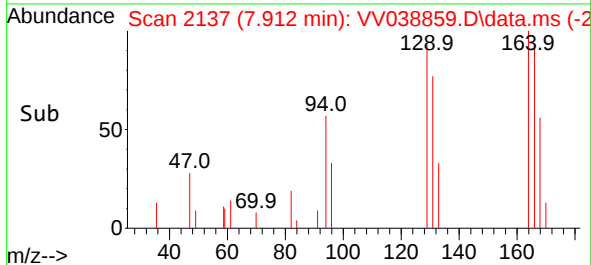
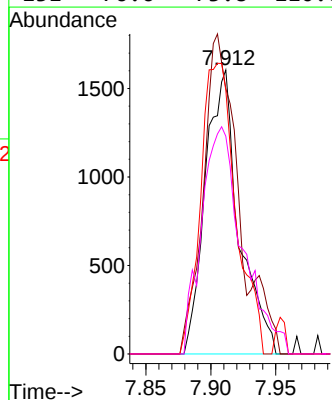
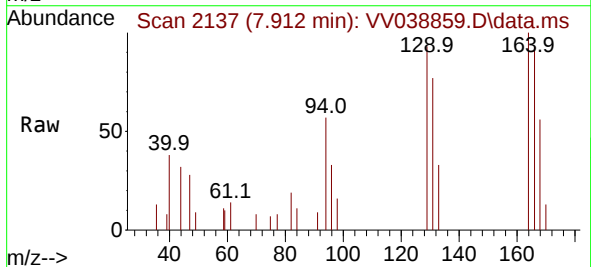
Instrument :
MSVOA_V
ClientSampleId :
MDL02

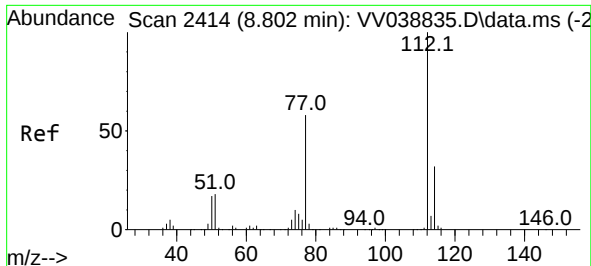
Tgt Ion:117 Resp: 691853
Ion Ratio Lower Upper
117 100
82 54.0 44.2 66.4
119 31.4 25.5 38.3



#64
Tetrachloroethene
Concen: 0.647 ug/l
RT: 7.912 min Scan# 2137
Delta R.T. 0.016 min
Lab File: VV038859.D
Acq: 03 Jul 2025 14:16

Tgt Ion:164 Resp: 2879
Ion Ratio Lower Upper
164 100
166 93.5 100.6 151.0#
129 93.0 78.4 117.6
131 76.6 73.8 110.6

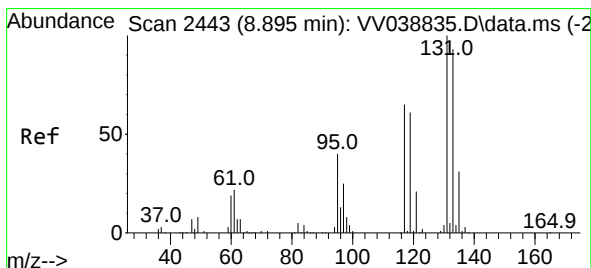
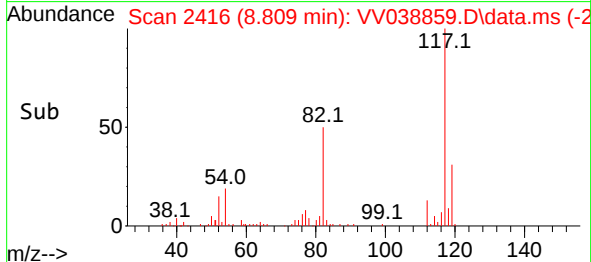
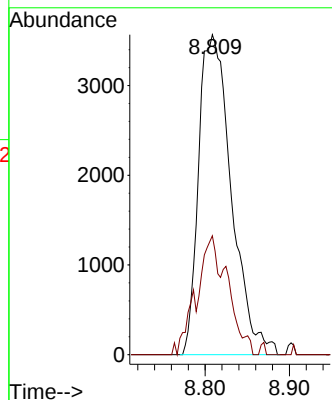
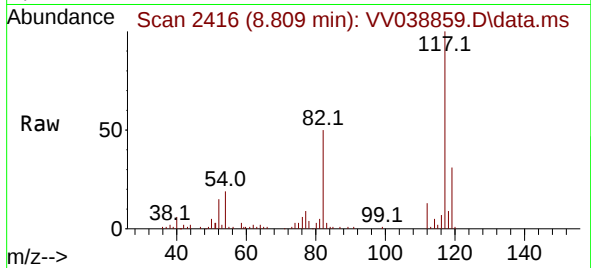




#65
Chlorobenzene
Concen: 0.659 ug/l
RT: 8.809 min Scan# 2414
Delta R.T. 0.007 min
Lab File: VV038859.D
Acq: 03 Jul 2025 14:16

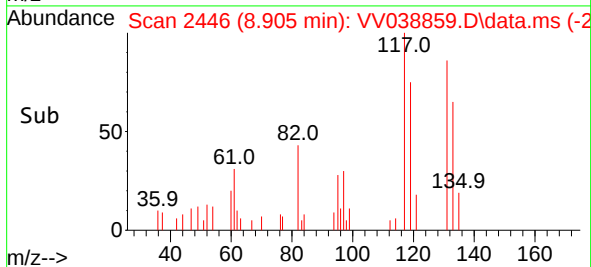
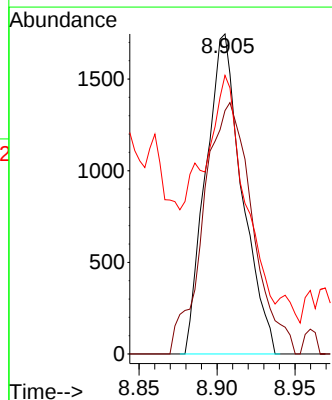
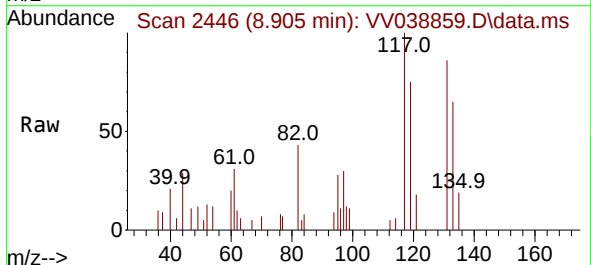
Instrument :
MSVOA_V
ClientSampleId :
MDL02

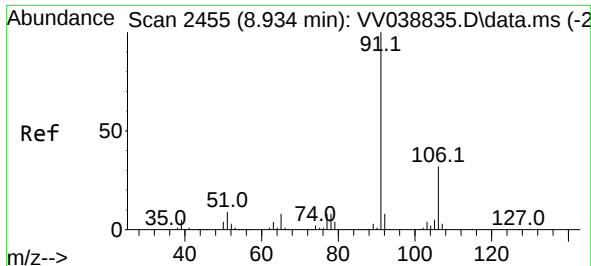
Tgt Ion:112 Resp: 9615
Ion Ratio Lower Upper
112 100
114 37.1 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 0.519 ug/l
RT: 8.905 min Scan# 2446
Delta R.T. 0.010 min
Lab File: VV038859.D
Acq: 03 Jul 2025 14:16

Tgt Ion:131 Resp: 2828
Ion Ratio Lower Upper
131 100
133 105.6 47.3 142.0
119 0.0 31.0 93.0#





#67

Ethyl Benzene

Concen: 0.512 ug/l

RT: 8.957 min Scan# 2455

Delta R.T. 0.023 min

Lab File: VV038859.D

Acq: 03 Jul 2025 14:16

Instrument :

MSVOA_V

ClientSampleId :

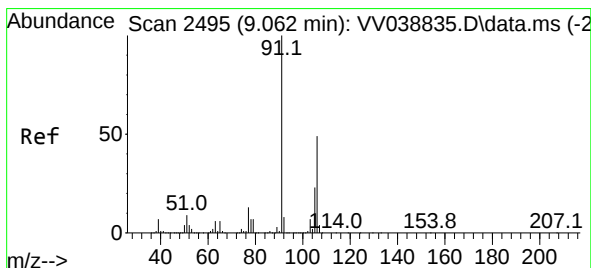
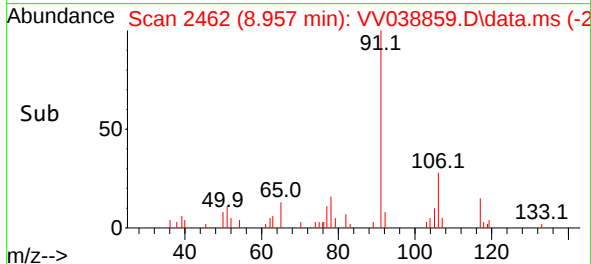
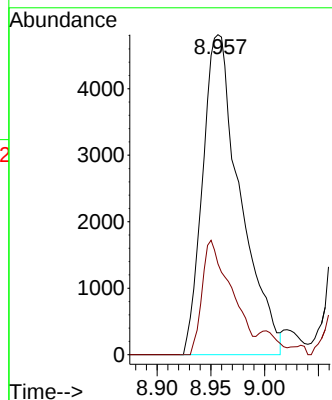
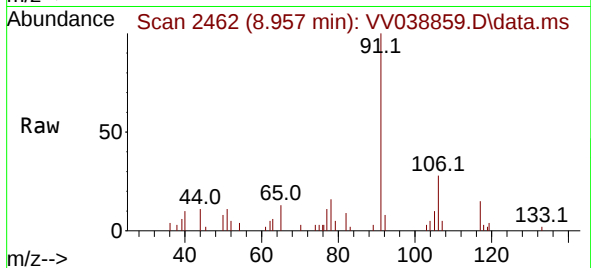
MDL02

Tgt Ion: 91 Resp: 11693

Ion Ratio Lower Upper

91 100

106 28.4 25.2 37.8



#68

m/p-Xylenes

Concen: 0.956 ug/l

RT: 9.079 min Scan# 2500

Delta R.T. 0.016 min

Lab File: VV038859.D

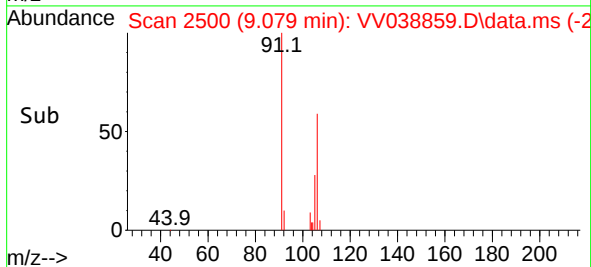
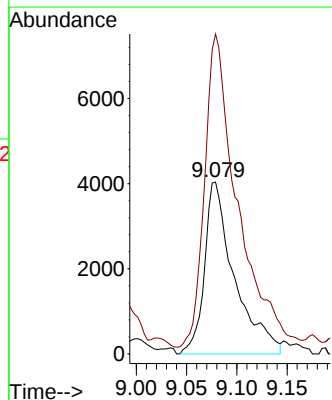
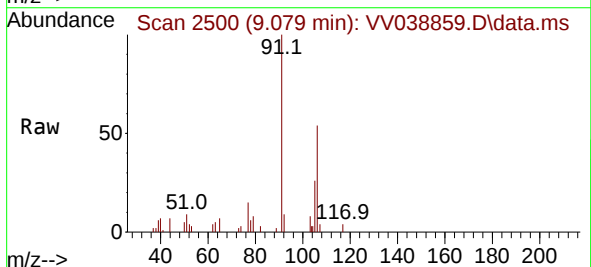
Acq: 03 Jul 2025 14:16

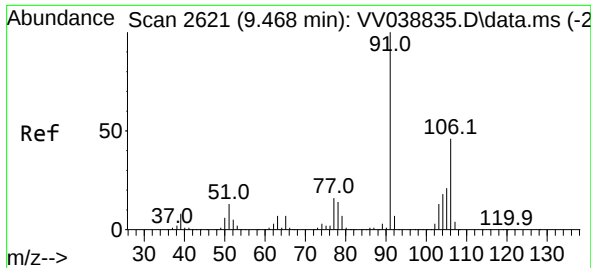
Tgt Ion: 106 Resp: 8361

Ion Ratio Lower Upper

106 100

91 200.8 162.9 244.3





#69

o-Xylene

Concen: 0.478 ug/l

RT: 9.481 min Scan# 2

Delta R.T. 0.013 min

Lab File: VV038859.D

Acq: 03 Jul 2025 14:16

Instrument :

MSVOA_V

ClientSampleId :

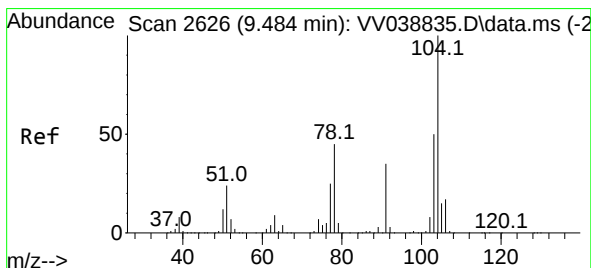
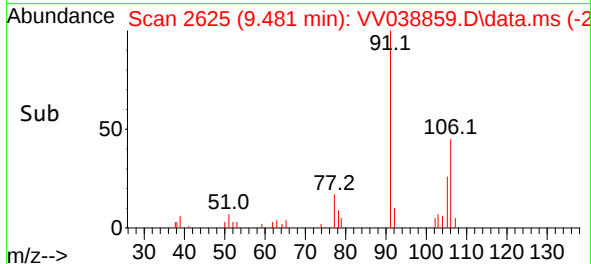
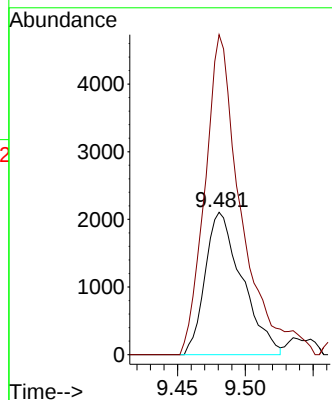
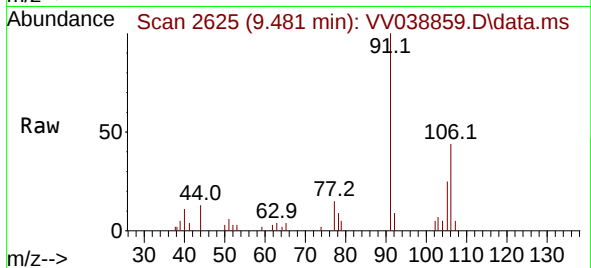
MDL02

Tgt Ion:106 Resp: 3994

Ion Ratio Lower Upper

106 100

91 220.4 107.6 322.8



#70

Styrene

Concen: 0.021 ug/l

RT: 9.477 min Scan# 2624

Delta R.T. -0.006 min

Lab File: VV038859.D

Acq: 03 Jul 2025 14:16

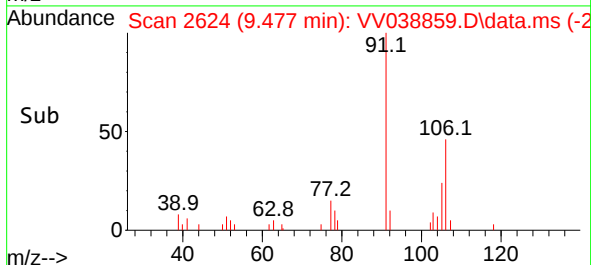
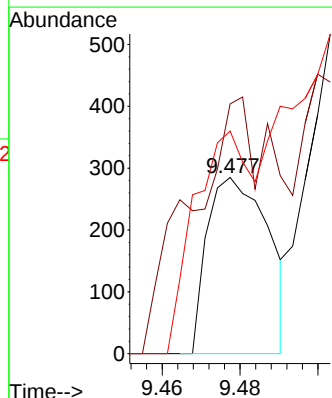
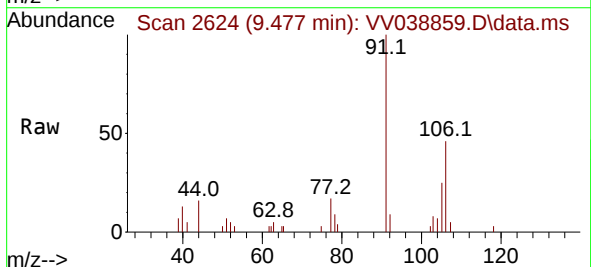
Tgt Ion:104 Resp: 310

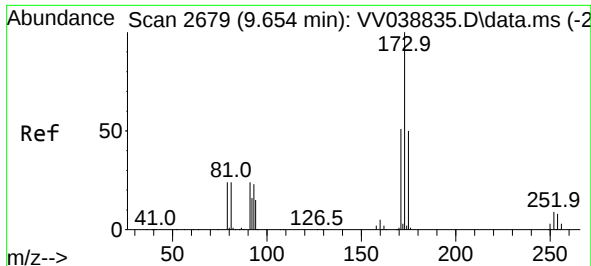
Ion Ratio Lower Upper

104 100

78 207.4 39.9 59.9#

103 120.0 43.4 65.0#

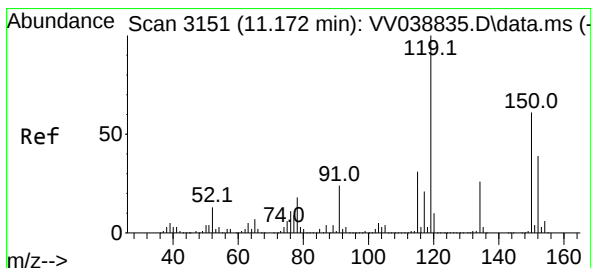
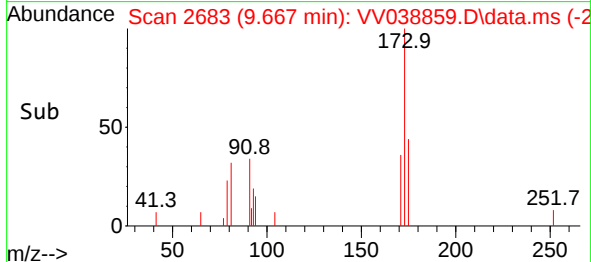
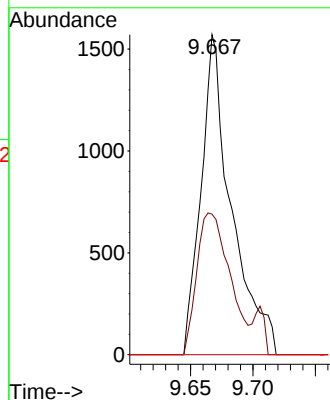
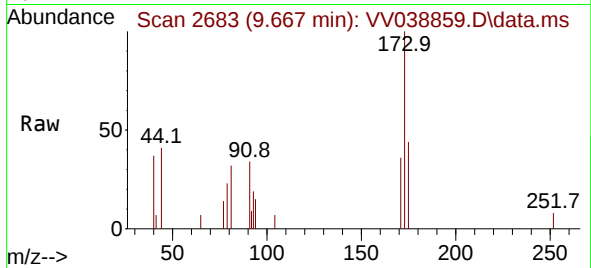




#71
Bromoform
Concen: 0.601 ug/l
RT: 9.667 min Scan# 2679
Delta R.T. 0.013 min
Lab File: VV038859.D
Acq: 03 Jul 2025 14:16

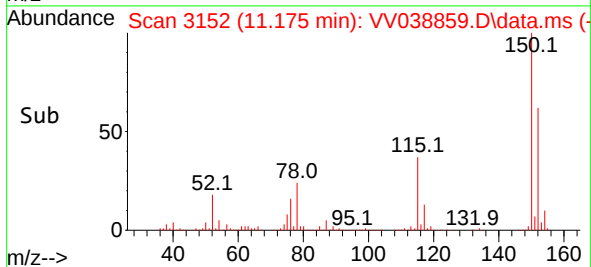
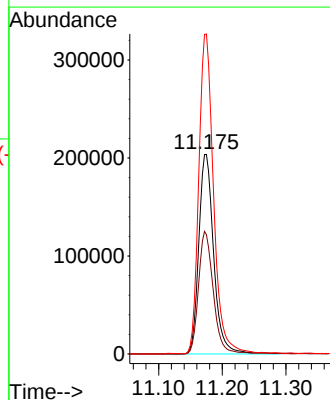
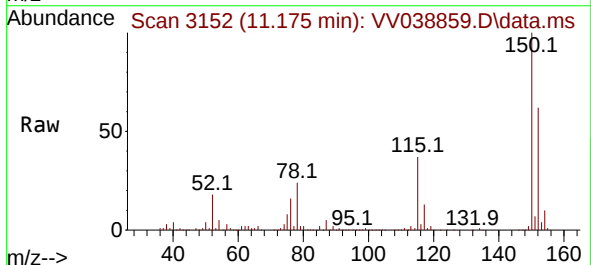
Instrument :
MSVOA_V
ClientSampleId :
MDL02

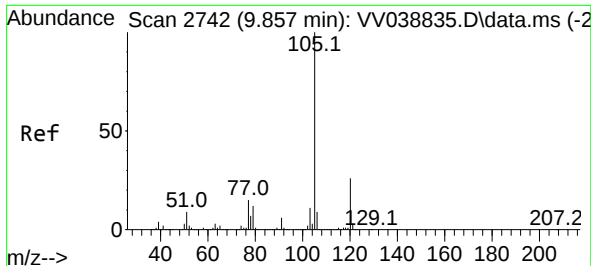
Tgt Ion:173 Resp: 2657
Ion Ratio Lower Upper
173 100
175 48.1 24.3 72.9
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.175 min Scan# 3152
Delta R.T. 0.003 min
Lab File: VV038859.D
Acq: 03 Jul 2025 14:16

Tgt Ion:152 Resp: 331811
Ion Ratio Lower Upper
152 100
115 60.5 42.0 126.0
150 158.6 0.0 343.6

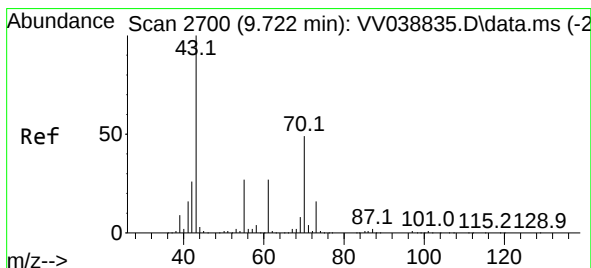
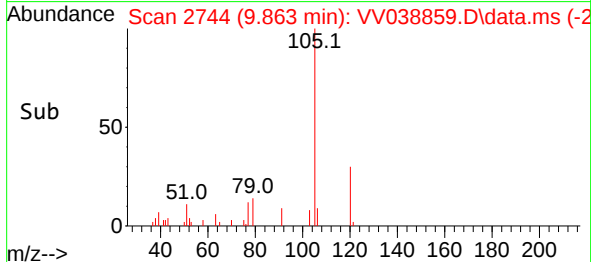
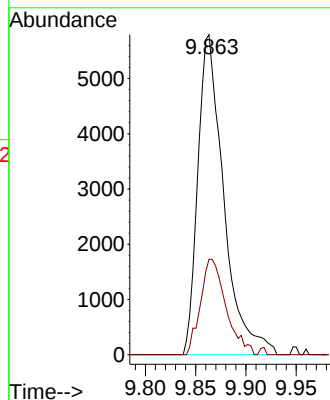
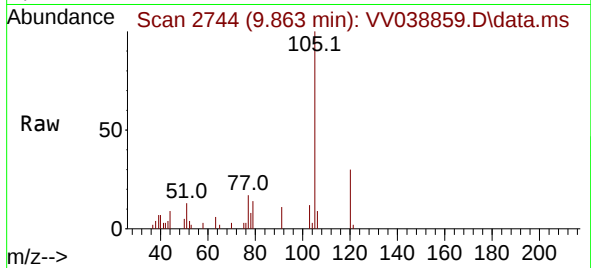




#73
Isopropylbenzene
Concen: 0.533 ug/l
RT: 9.863 min Scan# 21
Delta R.T. 0.007 min
Lab File: VV038859.D
Acq: 03 Jul 2025 14:16

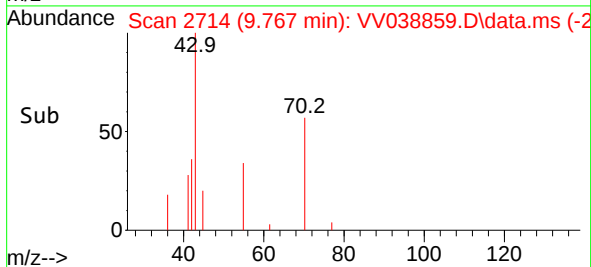
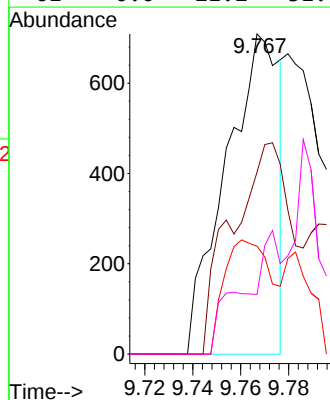
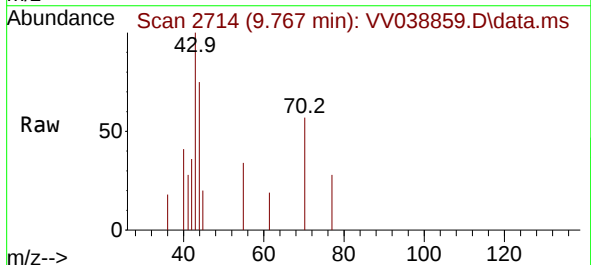
Instrument :
MSVOA_V
ClientSampleId :
MDL02

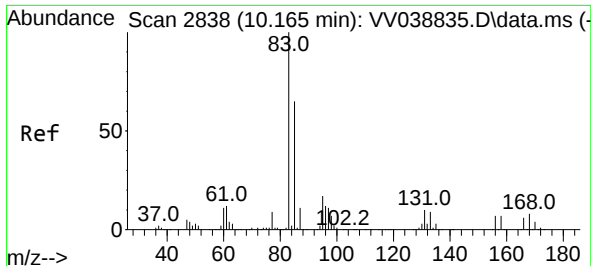
Tgt Ion:105 Resp: 10371
Ion Ratio Lower Upper
105 100
120 29.4 13.1 39.3



#74
N-amy1 acetate
Concen: 0.161 ug/l
RT: 9.767 min Scan# 2714
Delta R.T. 0.045 min
Lab File: VV038859.D
Acq: 03 Jul 2025 14:16

Tgt Ion: 43 Resp: 1095
Ion Ratio Lower Upper
43 100
70 74.2 39.7 59.5#
55 31.8 22.1 33.1
61 0.0 21.2 31.8#

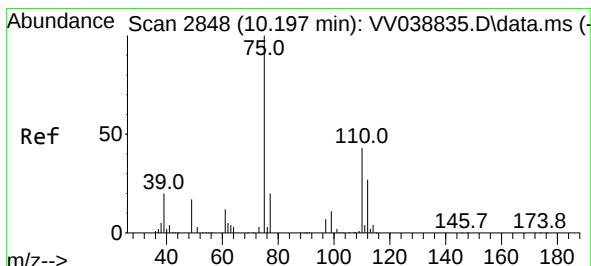
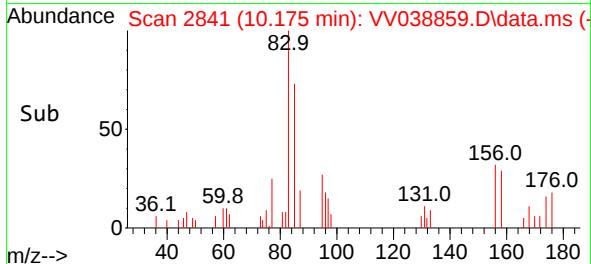
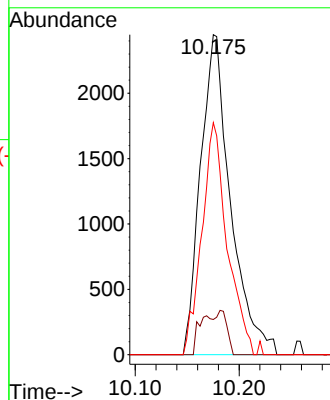
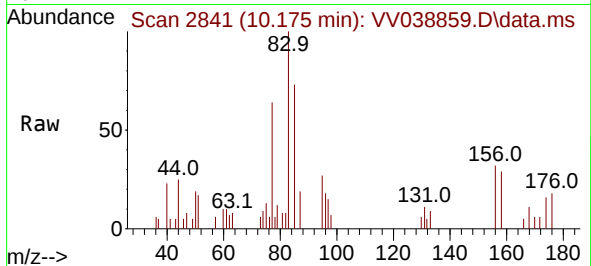




#75
1,1,2,2-Tetrachloroethane
Concen: 0.696 ug/l
RT: 10.175 min Scan# 2787
Delta R.T. 0.010 min
Lab File: VV038859.D
Acq: 03 Jul 2025 14:16

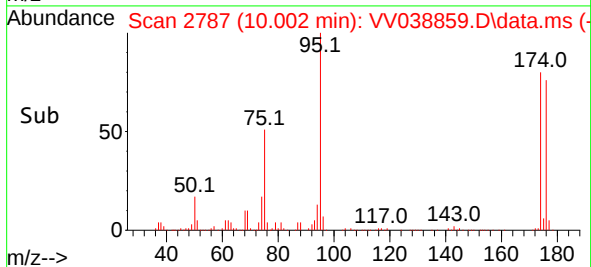
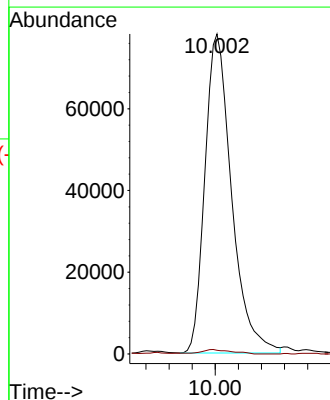
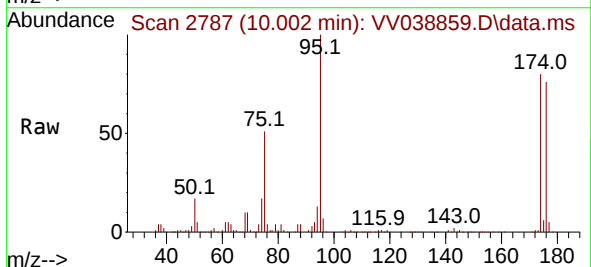
Instrument :
MSVOA_V
ClientSampleId :
MDL02

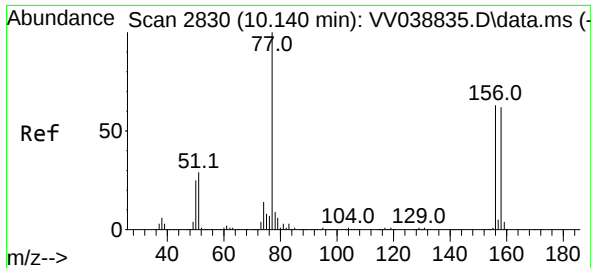
Tgt Ion: 83 Resp: 4913
Ion Ratio Lower Upper
83 100
131 6.3 5.1 15.3
85 61.0 31.6 95.0



#76
1,2,3-Trichloropropane
Concen: 24.384 ug/l
RT: 10.002 min Scan# 2787
Delta R.T. -0.196 min
Lab File: VV038859.D
Acq: 03 Jul 2025 14:16

Tgt Ion: 75 Resp: 125183
Ion Ratio Lower Upper
75 100
77 1.5 11.7 35.1#

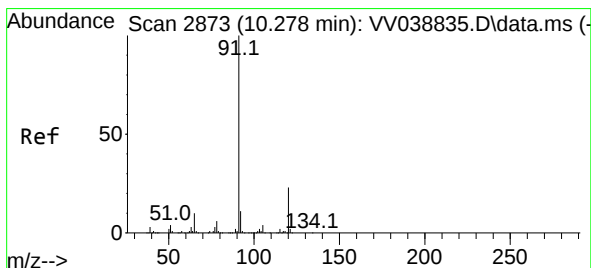
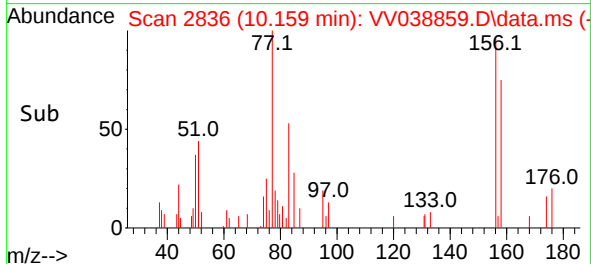
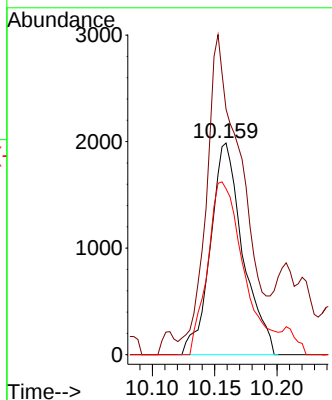
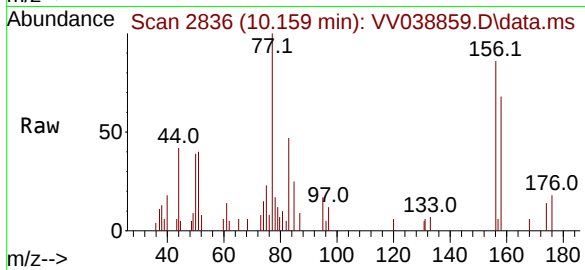




#77
Bromobenzene
Concen: 0.715 ug/l
RT: 10.159 min Scan# 2836
Delta R.T. 0.019 min
Lab File: VV038859.D
Acq: 03 Jul 2025 14:16

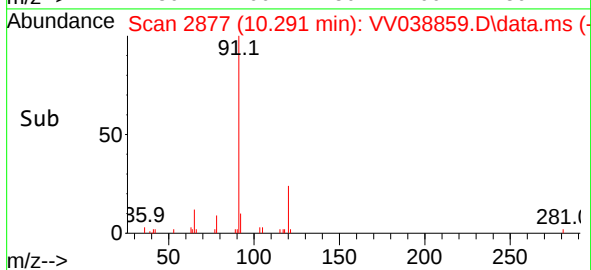
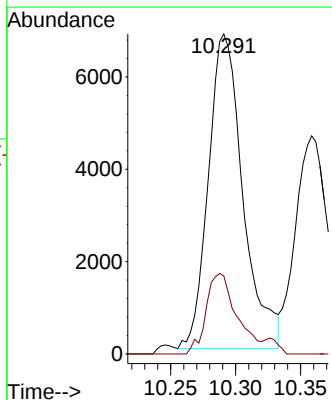
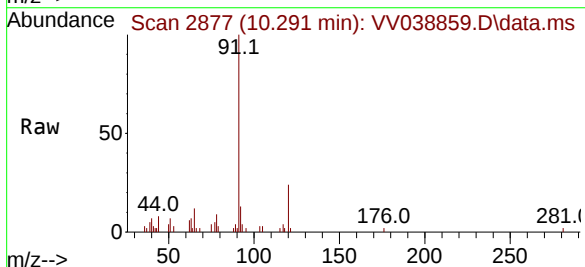
Instrument :
MSVOA_V
ClientSampleId :
MDL02

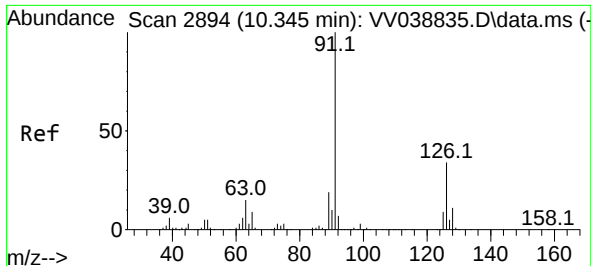
Tgt Ion:156 Resp: 3590
Ion Ratio Lower Upper
156 100
77 148.8 77.0 230.8
158 91.5 48.8 146.3



#78
n-propylbenzene
Concen: 0.546 ug/l
RT: 10.291 min Scan# 2877
Delta R.T. 0.013 min
Lab File: VV038859.D
Acq: 03 Jul 2025 14:16

Tgt Ion: 91 Resp: 12647
Ion Ratio Lower Upper
91 100
120 22.7 11.7 35.0

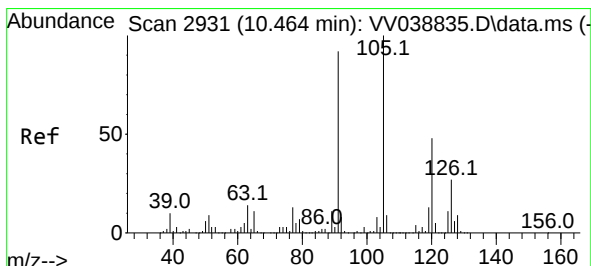
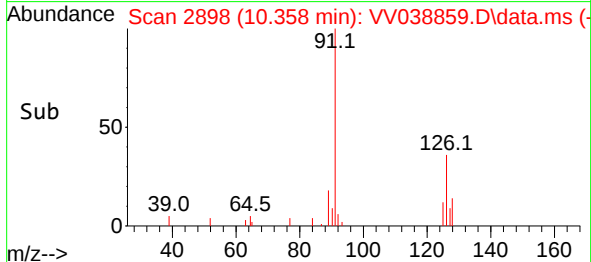
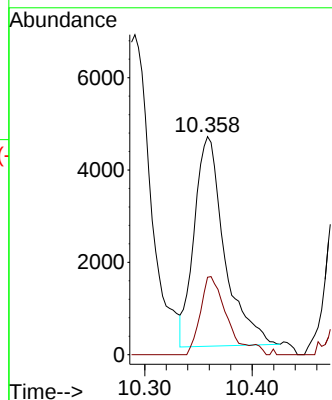
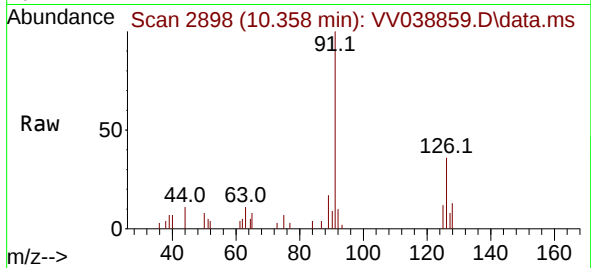




#79
2-Chlorotoluene
Concen: 0.632 ug/l
RT: 10.358 min Scan# 2898
Delta R.T. 0.013 min
Lab File: VV038859.D
Acq: 03 Jul 2025 14:16

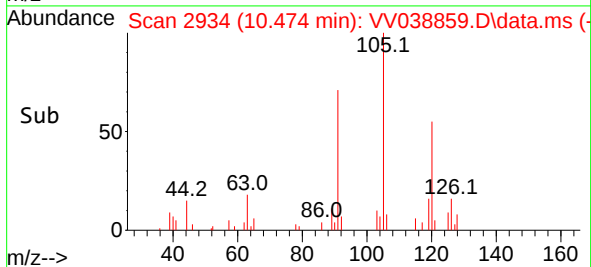
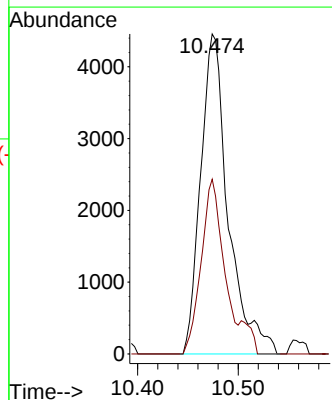
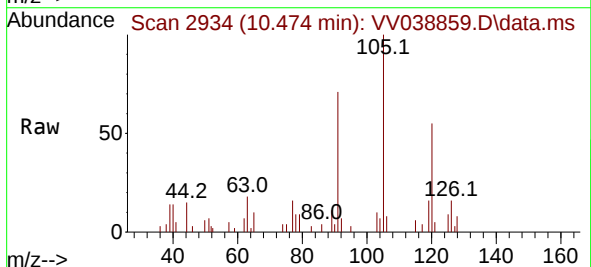
Instrument :
MSVOA_V
ClientSampleId :
MDL02

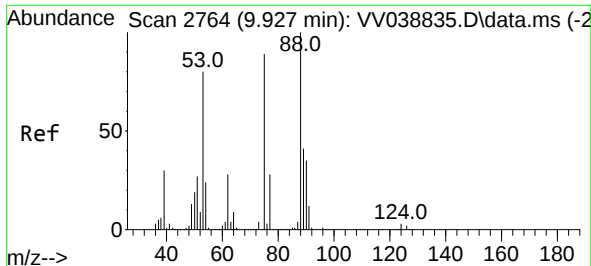
Tgt Ion: 91 Resp: 8891
Ion Ratio Lower Upper
91 100
126 31.4 17.1 51.3



#80
1,3,5-Trimethylbenzene
Concen: 0.508 ug/l
RT: 10.474 min Scan# 2934
Delta R.T. 0.010 min
Lab File: VV038859.D
Acq: 03 Jul 2025 14:16

Tgt Ion: 105 Resp: 8465
Ion Ratio Lower Upper
105 100
120 44.5 23.9 71.7

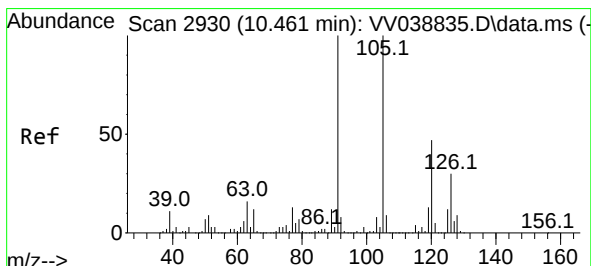
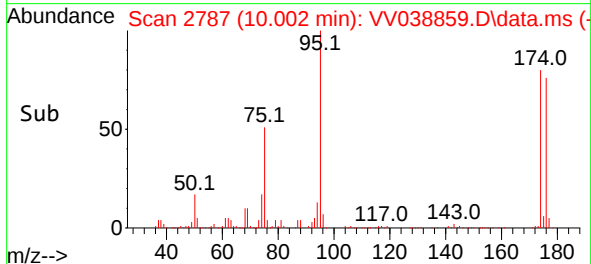
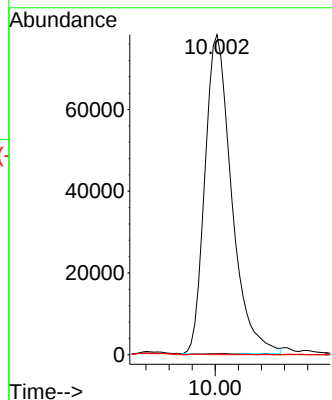
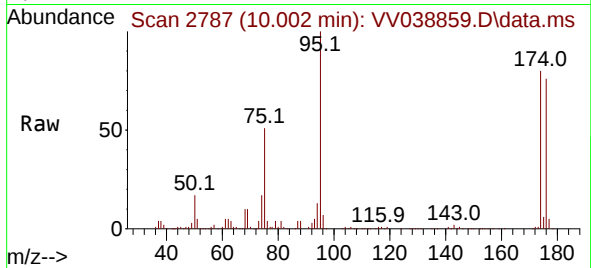




#81
trans-1,4-Dichloro-2-butene
Concen: 51.904 ug/l
RT: 10.002 min Scan# 21
Delta R.T. 0.074 min
Lab File: VV038859.D
Acq: 03 Jul 2025 14:16

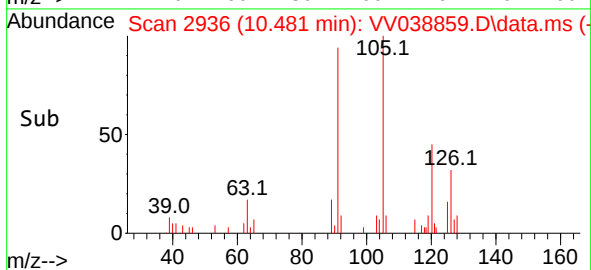
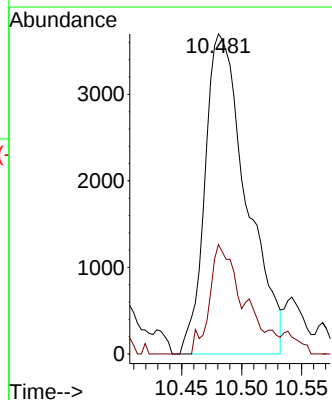
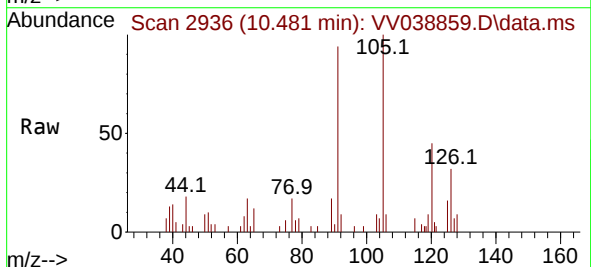
Instrument :
MSVOA_V
ClientSampleId :
MDL02

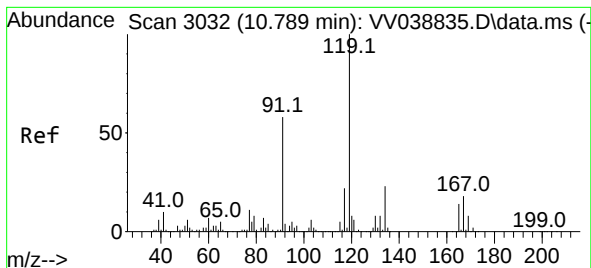
Tgt Ion: 75 Resp: 125183
Ion Ratio Lower Upper
75 100
53 0.4 71.2 106.8#
89 0.0 44.6 66.8#



#82
4-Chlorotoluene
Concen: 0.548 ug/l
RT: 10.481 min Scan# 2936
Delta R.T. 0.020 min
Lab File: VV038859.D
Acq: 03 Jul 2025 14:16

Tgt Ion: 91 Resp: 8897
Ion Ratio Lower Upper
91 100
126 20.9 14.8 44.3





#83

tert-Butylbenzene

Concen: 0.555 ug/l

RT: 10.792 min Scan# 3033

Delta R.T. 0.003 min

Lab File: VV038859.D

Acq: 03 Jul 2025 14:16

Instrument :

MSVOA_V

ClientSampleId :

MDL02

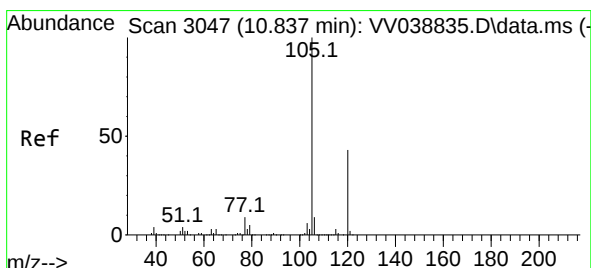
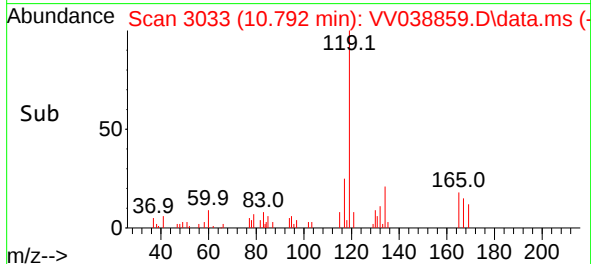
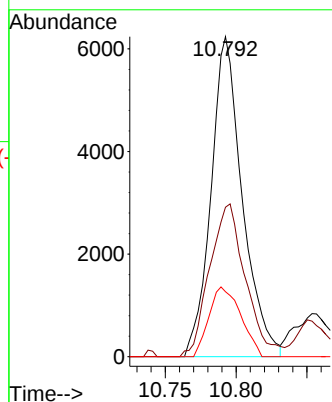
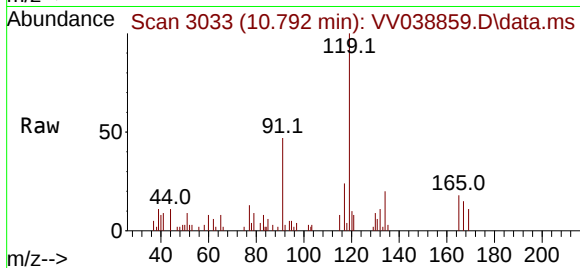
Tgt Ion:119 Resp: 9585

Ion Ratio Lower Upper

119 100

91 54.9 28.5 85.5

134 22.1 11.5 34.4



#84

1,2,4-Trimethylbenzene

Concen: 0.531 ug/l

RT: 10.854 min Scan# 3052

Delta R.T. 0.016 min

Lab File: VV038859.D

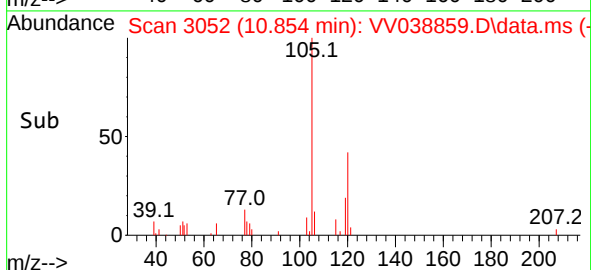
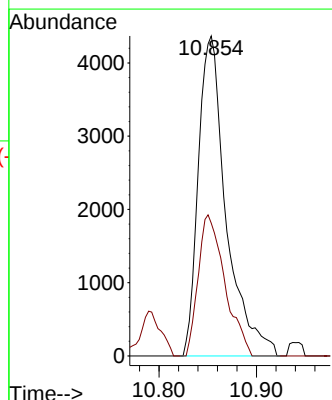
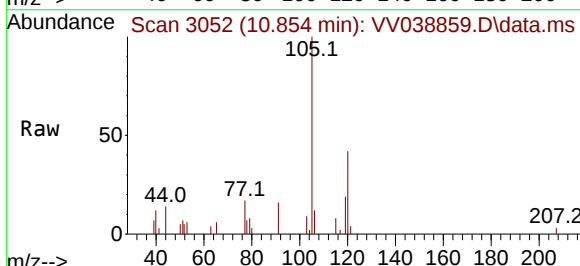
Acq: 03 Jul 2025 14:16

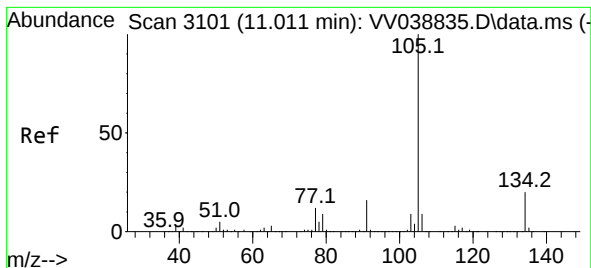
Tgt Ion:105 Resp: 8673

Ion Ratio Lower Upper

105 100

120 42.1 22.7 68.0





#85

sec-Butylbenzene

Concen: 0.500 ug/l

RT: 11.018 min Scan# 3101

Delta R.T. 0.007 min

Lab File: VV038859.D

Acq: 03 Jul 2025 14:16

Instrument :

MSVOA_V

ClientSampleId :

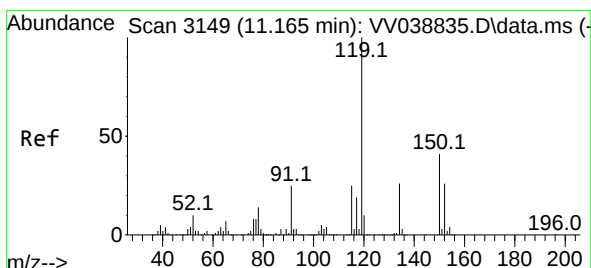
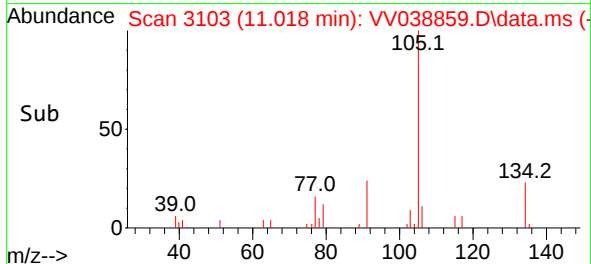
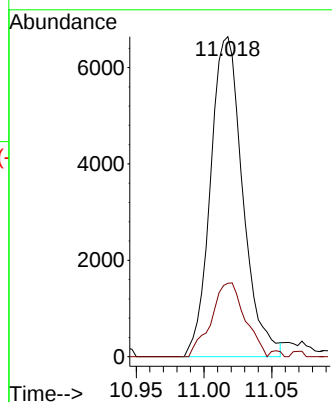
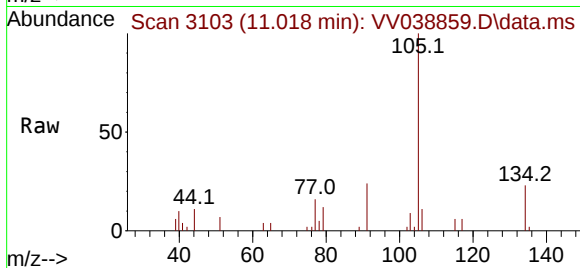
MDL02

Tgt Ion:105 Resp: 10984

Ion Ratio Lower Upper

105 100

134 24.0 10.0 30.0



#86

p-Isopropyltoluene

Concen: 0.532 ug/l

RT: 11.175 min Scan# 3152

Delta R.T. 0.010 min

Lab File: VV038859.D

Acq: 03 Jul 2025 14:16

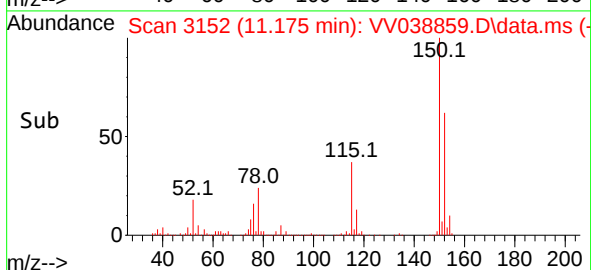
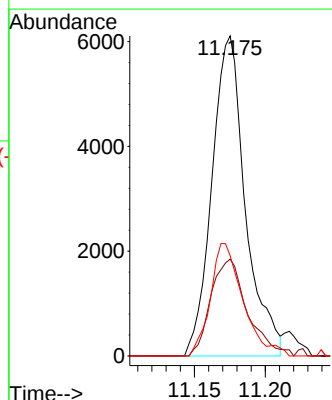
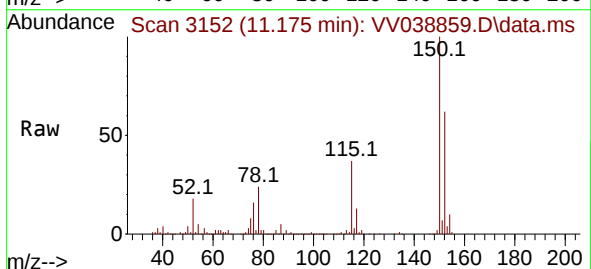
Tgt Ion:119 Resp: 10028

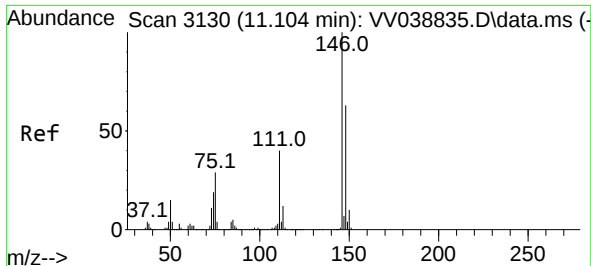
Ion Ratio Lower Upper

119 100

134 33.0 13.0 39.0

91 34.2 12.4 37.0

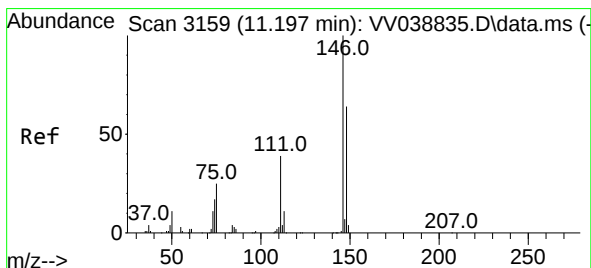
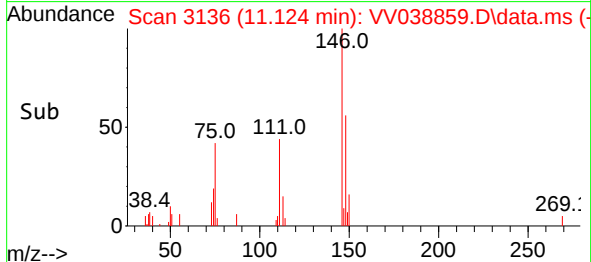
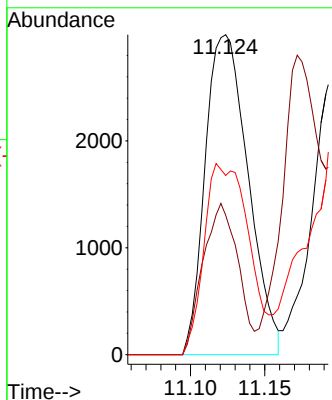
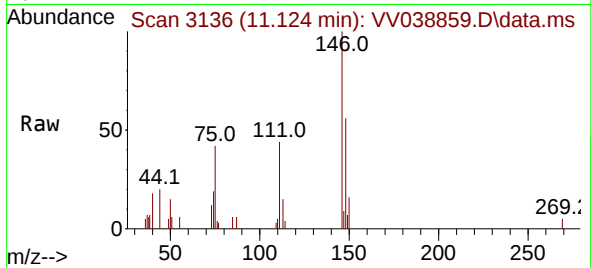




#87
 1,3-Dichlorobenzene
 Concen: 0.590 ug/l
 RT: 11.124 min Scan# 3136
 Delta R.T. 0.019 min
 Lab File: VV038859.D
 Acq: 03 Jul 2025 14:16

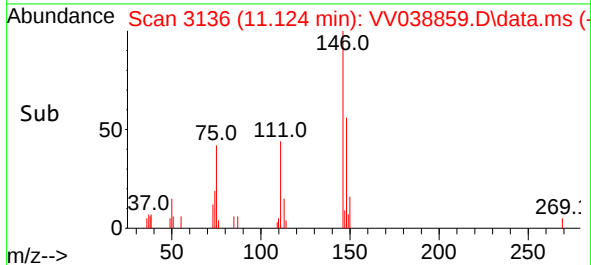
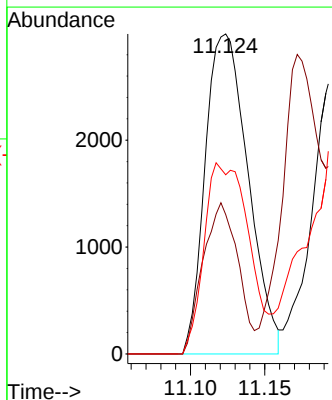
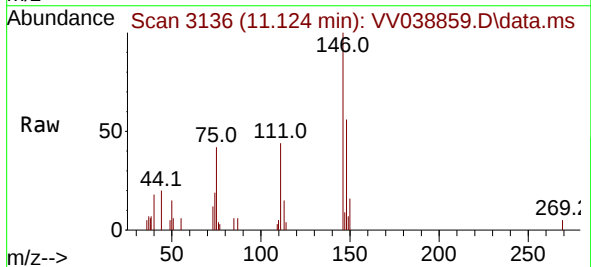
Instrument :
 MSVOA_V
 ClientSampleId :
 MDL02

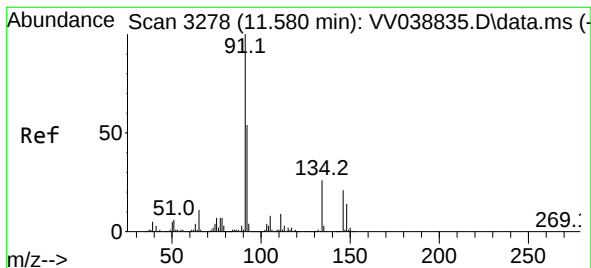
Tgt Ion:146	Resp:	6026
Ion	Ratio	Lower Upper
146	100	
111	38.7	20.2 60.6
148	62.0	31.3 93.8



#88
 1,4-Dichlorobenzene
 Concen: 0.560 ug/l
 RT: 11.124 min Scan# 3136
 Delta R.T. -0.074 min
 Lab File: VV038859.D
 Acq: 03 Jul 2025 14:16

Tgt Ion:146	Resp:	6026
Ion	Ratio	Lower Upper
146	100	
111	38.7	19.8 59.3
148	62.0	32.0 96.2





#89

n-Butylbenzene

Concen: 0.545 ug/l

RT: 11.593 min Scan# 31

Delta R.T. 0.013 min

Lab File: VV038859.D

Acq: 03 Jul 2025 14:16

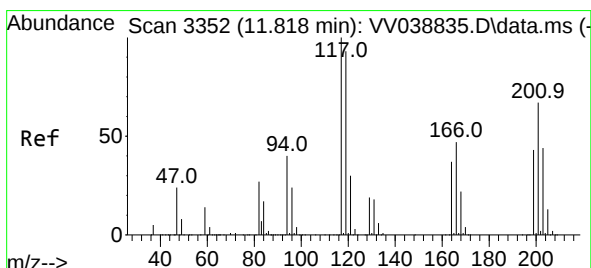
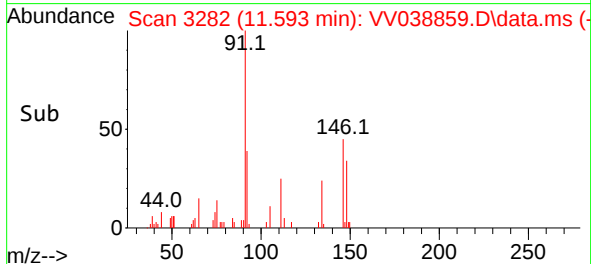
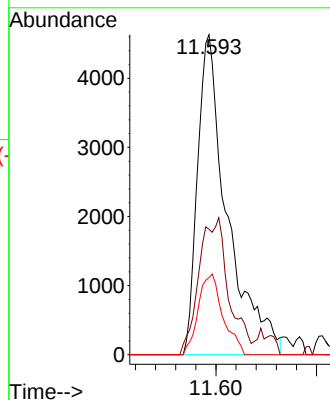
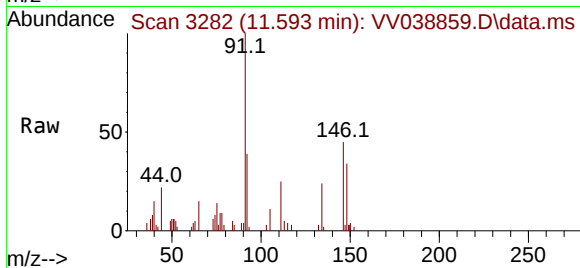
Instrument :

MSVOA_V

ClientSampleId :

MDL02

Tgt Ion:	91	Resp:	9516
Ion	Ratio	Lower	Upper
91	100		
92	42.8	26.7	80.0
134	20.9	12.9	38.7



#90

Hexachloroethane

Concen: 0.564 ug/l

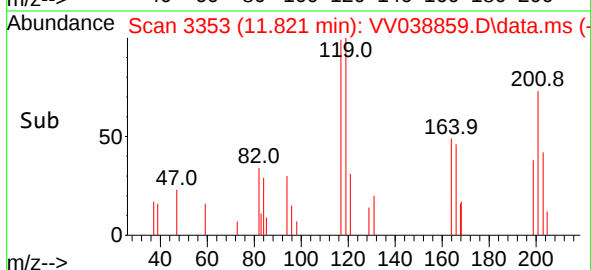
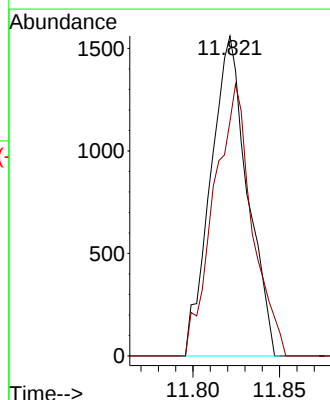
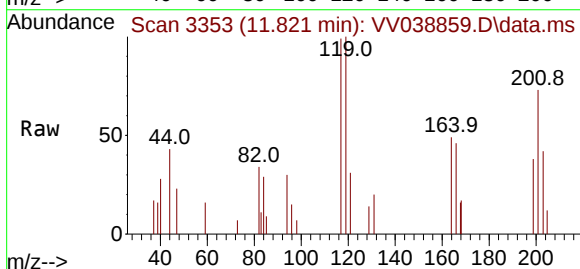
RT: 11.821 min Scan# 3353

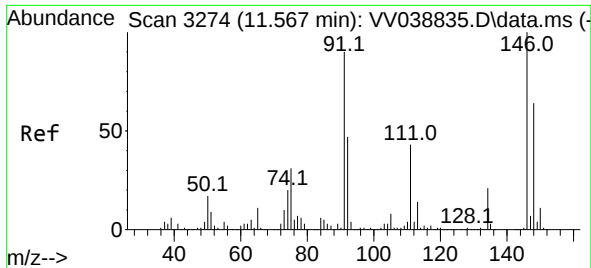
Delta R.T. 0.003 min

Lab File: VV038859.D

Acq: 03 Jul 2025 14:16

Tgt Ion:	117	Resp:	2306
Ion	Ratio	Lower	Upper
117	100		
201	88.4	34.4	103.1

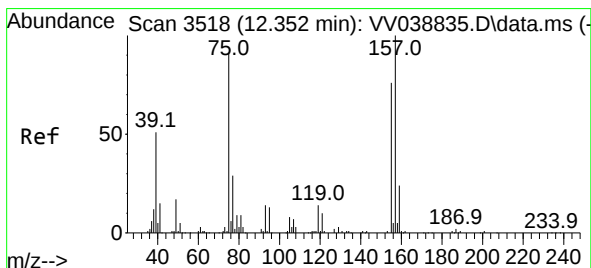
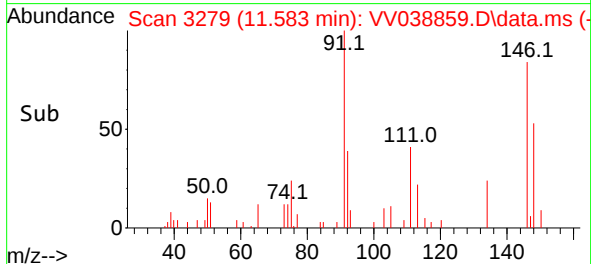
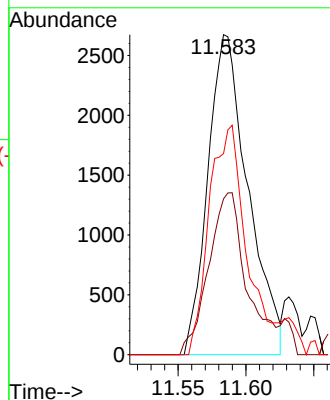
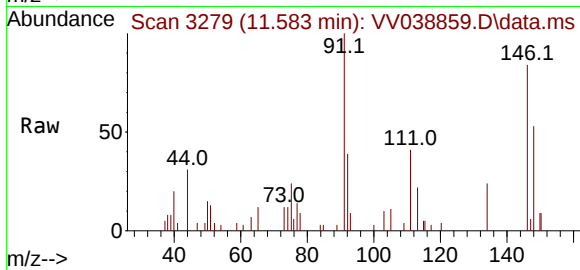




#91
 1,2-Dichlorobenzene
 Concen: 0.571 ug/l
 RT: 11.583 min Scan# 31
 Delta R.T. 0.016 min
 Lab File: VV038859.D
 Acq: 03 Jul 2025 14:16

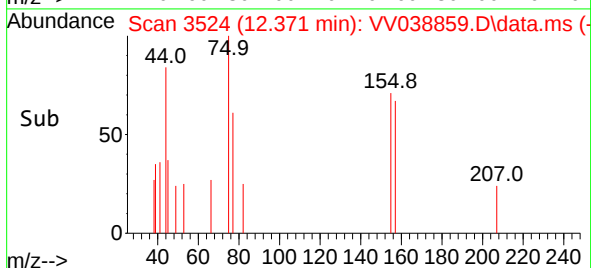
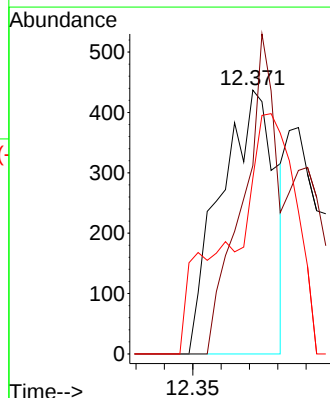
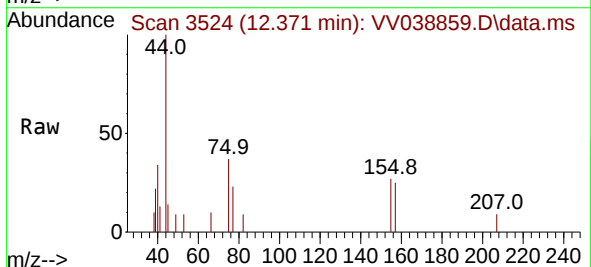
Instrument :
 MSVOA_V
 ClientSampleId :
 MDL02

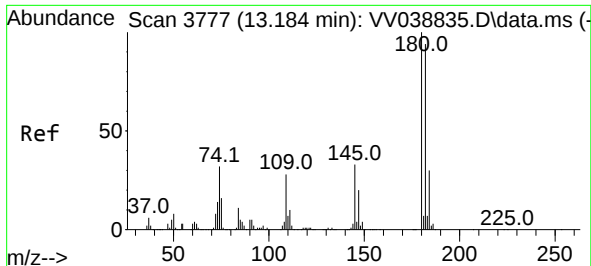
Tgt Ion:	146	Resp:	5500
Ion	Ratio	Lower	Upper
146	100		
111	47.9	21.3	63.7
148	65.3	32.0	96.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.392 ug/l
 RT: 12.371 min Scan# 3524
 Delta R.T. 0.019 min
 Lab File: VV038859.D
 Acq: 03 Jul 2025 14:16

Tgt Ion:	75	Resp:	586
Ion	Ratio	Lower	Upper
75	100		
155	82.4	43.2	129.6
157	109.4	54.9	164.5

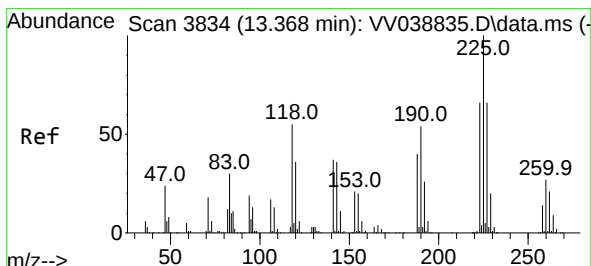
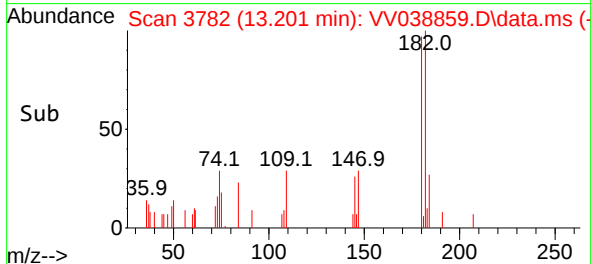
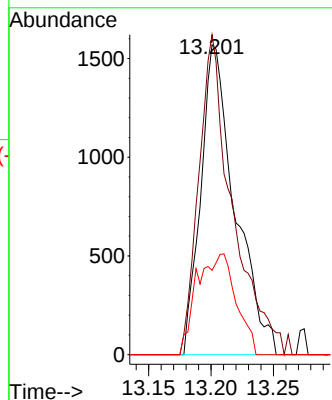
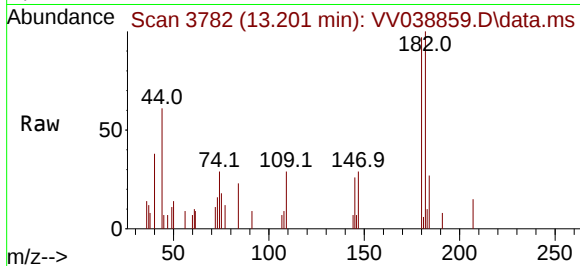




#93
1,2,4-Trichlorobenzene
Concen: 0.482 ug/l
RT: 13.201 min Scan# 31
Delta R.T. 0.016 min
Lab File: VV038859.D
Acq: 03 Jul 2025 14:16

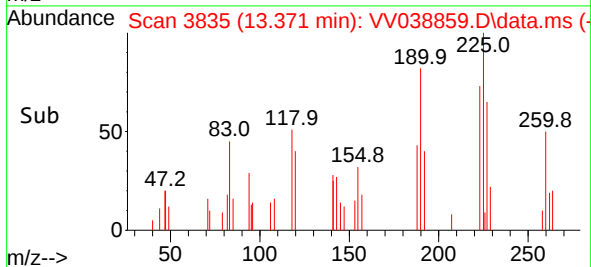
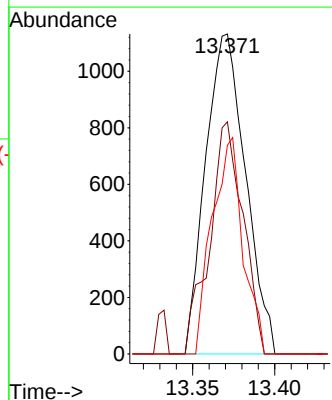
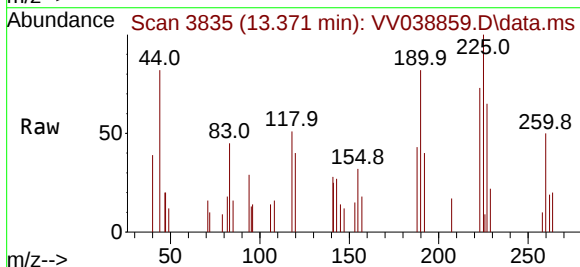
Instrument :
MSVOA_V
ClientSampleId :
MDL02

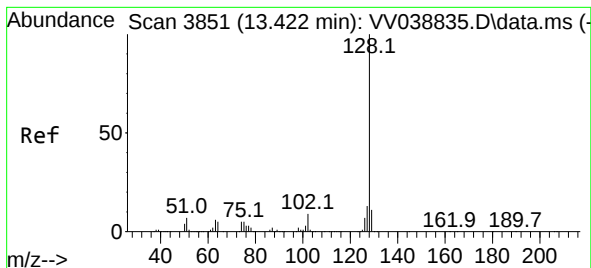
Tgt Ion:	180	Resp:	3005
Ion	Ratio	Lower	Upper
180	100		
182	101.4	47.6	142.8
145	37.0	16.4	49.1



#94
Hexachlorobutadiene
Concen: 0.636 ug/l
RT: 13.371 min Scan# 3835
Delta R.T. 0.003 min
Lab File: VV038859.D
Acq: 03 Jul 2025 14:16

Tgt Ion:	225	Resp:	1915
Ion	Ratio	Lower	Upper
225	100		
223	60.8	33.2	99.6
227	52.1	32.3	96.8





#95

Naphthalene

Concen: 0.445 ug/l

RT: 13.448 min Scan# 3859

Delta R.T. 0.026 min

Lab File: VV038859.D

Acq: 03 Jul 2025 14:16

Instrument :

MSVOA_V

ClientSampleId :

MDL02

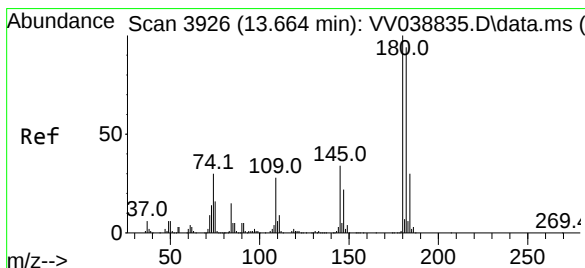
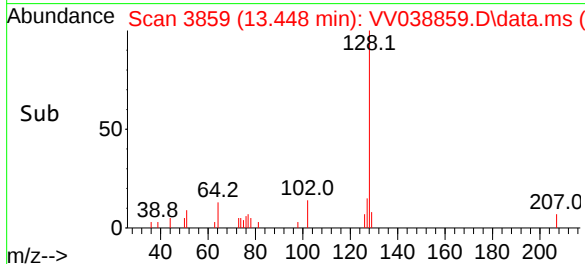
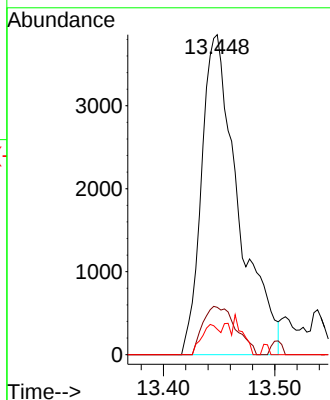
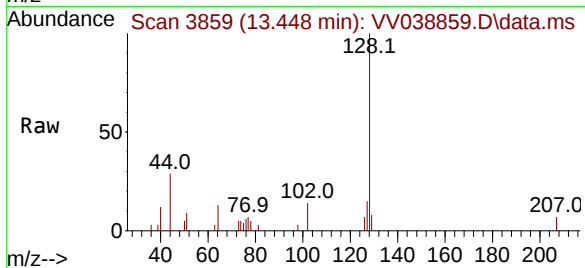
Tgt Ion:128 Resp: 8838

Ion Ratio Lower Upper

128 100

127 13.6 10.2 15.4

129 4.6 8.6 13.0#



#96

1,2,3-Trichlorobenzene

Concen: 0.439 ug/l

RT: 13.683 min Scan# 3932

Delta R.T. 0.019 min

Lab File: VV038859.D

Acq: 03 Jul 2025 14:16

Tgt Ion:180 Resp: 2825

Ion Ratio Lower Upper

180 100

182 111.5 47.3 141.9

145 41.3 17.1 51.2

