

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV071825\
 Data File : VV038922.D
 Acq On : 18 Jul 2025 15:22
 Operator : SY/MD
 Sample : MDL06
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL06

Quant Time: Jul 19 01:04:29 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V071125W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 19 01:02:29 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	4.600	168	608385	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	1094949	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	1001798	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.175	152	464346	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.941	65	404788	54.455	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	= 108.920%	
35) Dibromofluoromethane	4.503	113	342187	45.837	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	= 91.680%	
50) Toluene-d8	7.236	98	1176636	52.143	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	= 104.280%	
62) 4-Bromofluorobenzene	10.002	95	451258	49.642	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	= 99.280%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.121	85	2330	0.436	ug/l	98
3) Chloromethane	1.230	50	3194	0.553	ug/l #	86
4) Vinyl Chloride	1.298	62	3281	0.497	ug/l	90
5) Bromomethane	1.497	94	4468	0.902	ug/l	100
6) Chloroethane	1.561	64	2252	0.510	ug/l #	82
7) Trichlorofluoromethane	1.725	101	5284	0.452	ug/l	95
8) Diethyl Ether	1.918	74	1981	0.471	ug/l	88
9) 1,1,2-Trichlorotrifluo...	2.079	101	1568	0.224	ug/l #	31
10) Methyl Iodide	2.201	142	3680	0.459	ug/l	94
11) Tert butyl alcohol	2.568	59	4732	2.765	ug/l #	80
12) 1,1-Dichloroethene	2.079	96	3414	0.536	ug/l #	83
13) Acrolein	2.008	56	460	1.859	ug/l #	43
14) Allyl chloride	2.356	41	4581	0.451	ug/l	89
15) Acrylonitrile	2.680	53	10173	2.323	ug/l #	92
16) Acetone	2.124	43	9856	3.064	ug/l	99
17) Carbon Disulfide	2.253	76	8683	0.653	ug/l #	92
18) Methyl Acetate	2.388	43	4798	0.441	ug/l	99
19) Methyl tert-butyl Ether	2.716	73	9831	0.412	ug/l	98
20) Methylene Chloride	2.458	84	5007	0.614	ug/l	94
21) trans-1,2-Dichloroethene	2.712	96	3638	0.537	ug/l	83
22) Diisopropyl ether	3.220	45	7187	0.354	ug/l #	45
23) Vinyl Acetate	3.204	43	28899	1.818	ug/l	95
24) 1,1-Dichloroethane	3.124	63	6900	0.520	ug/l #	95
25) 2-Butanone	3.883	43	181	0.039	ug/l #	45
26) 2,2-Dichloropropane	3.818	77	5190	0.446	ug/l	87
27) cis-1,2-Dichloroethene	3.831	96	2947	0.379	ug/l	76
28) Bromochloromethane	4.153	49	1060	0.206	ug/l #	1
29) Tetrahydrofuran	4.217	42	351	0.116	ug/l #	27
30) Chloroform	4.285	83	5991	0.409	ug/l	87
31) Cyclohexane	4.600	56	16544	1.898	ug/l #	16
32) 1,1,1-Trichloroethane	4.513	97	5583	0.437	ug/l #	46
36) 1,1-Dichloropropene	4.761	75	3708	0.432	ug/l #	78
37) Ethyl Acetate	3.937	43	4841	0.479	ug/l #	76
38) Carbon Tetrachloride	4.738	117	3571	0.313	ug/l #	69
39) Methylcyclohexane	6.050	83	5042	0.498	ug/l #	84
40) Benzene	5.021	78	5947	0.204	ug/l	93

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Instrument :
 MSVOA_V
 ClientSampleId :
 MDL06

Quant Time: Jul 19 01:04:29 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V071125W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 19 01:02:29 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.153	41	78	0.017	ug/l #	26
42) 1,2-Dichloroethane	5.053	62	2657	0.240	ug/l	79
43) Isopropyl Acetate	5.185	43	142	0.009	ug/l #	58
44) Trichloroethene	5.857	130	3153	0.415	ug/l	93
45) 1,2-Dichloropropane	6.072	63	139	0.018	ug/l #	44
46) Dibromomethane	6.259	93	2220	0.373	ug/l #	72
47) Bromodichloromethane	6.445	83	5032	0.399	ug/l #	94
48) Methyl methacrylate	6.291	41	89	0.013	ug/l #	1
49) 1,4-Dioxane	6.278	88	148	0.991	ug/l #	15
51) 4-Methyl-2-Pentanone	7.166	43	14568	1.339	ug/l	95
52) Toluene	7.326	92	7329	0.400	ug/l	87
53) t-1,3-Dichloropropene	7.616	75	3406	0.298	ug/l	99
54) cis-1,3-Dichloropropene	6.979	75	3096	0.251	ug/l #	75
55) 1,1,2-Trichloroethane	7.780	97	3444	0.393	ug/l #	90
56) Ethyl methacrylate	7.754	69	677	0.065	ug/l #	86
57) 1,3-Dichloropropane	7.957	76	5149	0.392	ug/l #	79
58) 2-Chloroethyl Vinyl ether	6.851	63	5441	0.866	ug/l #	67
59) 2-Hexanone	8.268	43	737	0.091	ug/l	62
60) Dibromochloromethane	8.175	129	3682	0.357	ug/l	99
61) 1,2-Dibromoethane	8.288	107	1640	0.186	ug/l #	52
64) Tetrachloroethene	7.905	164	2740	0.417	ug/l	93
65) Chlorobenzene	8.802	112	10012	0.457	ug/l	90
66) 1,1,1,2-Tetrachloroethane	8.902	131	3185	0.365	ug/l #	55
67) Ethyl Benzene	8.953	91	12620	0.388	ug/l	98
68) m/p-Xylenes	9.075	106	9386	0.742	ug/l	87
69) o-Xylene	9.481	106	3720	0.311	ug/l	90
70) Styrene	9.519	104	5340	0.253	ug/l #	59
71) Bromoform	9.664	173	2827	0.398	ug/l #	88
73) Isopropylbenzene	9.863	105	10950	0.395	ug/l	91
74) N-amyl acetate	9.757	43	2422	0.238	ug/l #	73
75) 1,1,2,2-Tetrachloroethane	10.175	83	4729	0.407	ug/l	90
76) 1,2,3-Trichloropropane	10.002	75	228237	26.437	ug/l #	42
77) Bromobenzene	10.156	156	4599	0.632	ug/l	80
78) n-propylbenzene	10.288	91	14921	0.460	ug/l	98
79) 2-Chlorotoluene	10.358	91	7724	0.375	ug/l	84
80) 1,3,5-Trimethylbenzene	10.474	105	8722	0.373	ug/l	90
81) trans-1,4-Dichloro-2-b...	10.002	75	228237	64.513	ug/l #	13
82) 4-Chlorotoluene	10.484	91	9395	0.408	ug/l	99
83) tert-Butylbenzene	10.792	119	9666	0.394	ug/l	99
84) 1,2,4-Trimethylbenzene	10.854	105	8116	0.353	ug/l	94
85) sec-Butylbenzene	11.018	105	12295	0.393	ug/l	97
86) p-Isopropyltoluene	11.175	119	11614	0.437	ug/l	84
87) 1,3-Dichlorobenzene	11.120	146	7654	0.515	ug/l	98
88) 1,4-Dichlorobenzene	11.120	146	7654	0.474	ug/l	97
89) n-Butylbenzene	11.593	91	11157	0.460	ug/l	91
90) Hexachloroethane	11.821	117	2848	0.450	ug/l	97
91) 1,2-Dichlorobenzene	11.580	146	6362	0.441	ug/l	91
92) 1,2-Dibromo-3-Chloropr...	12.365	75	897	0.341	ug/l	58
93) 1,2,4-Trichlorobenzene	13.201	180	3982	0.468	ug/l	88
94) Hexachlorobutadiene	13.374	225	2450	0.559	ug/l	78
95) Naphthalene	13.445	128	9816	0.351	ug/l #	93
96) 1,2,3-Trichlorobenzene	13.677	180	4093	0.464	ug/l	88

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Operator : SY/MD
Sample : MDL06
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

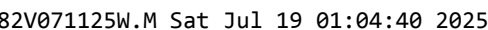
Instrument :
MSVOA_V
ClientSampleId :
MDL06

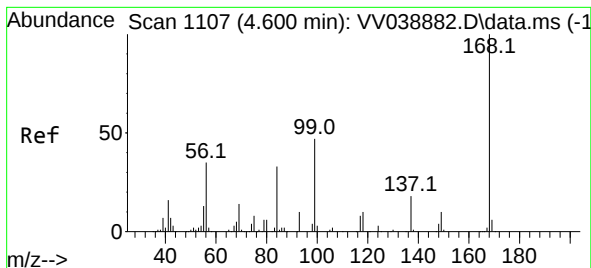
Quant Time: Jul 19 01:04:29 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V071125W.M
Quant Title : SW846 8260
QLast Update : Sat Jul 19 01:02:29 2025
Response via : Initial Calibration

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

Quant Time: Jul 19 01:04:29 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V071125W.M
Quant Title : SW846 8260
QLast Update : Sat Jul 19 01:02:29 2025
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.600 min Scan# 11

Delta R.T. -0.000 min

Lab File: VV038922.D

Acq: 18 Jul 2025 15:22

Instrument :

MSVOA_V

ClientSampleId :

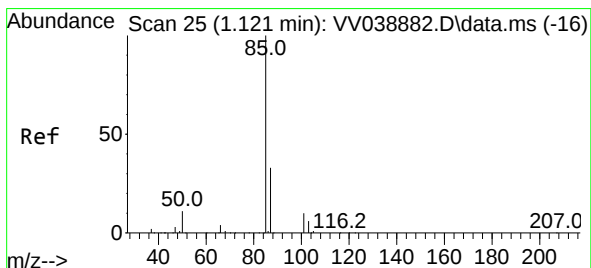
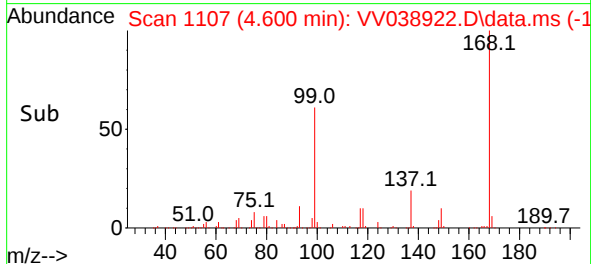
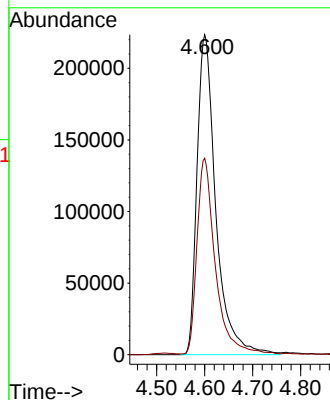
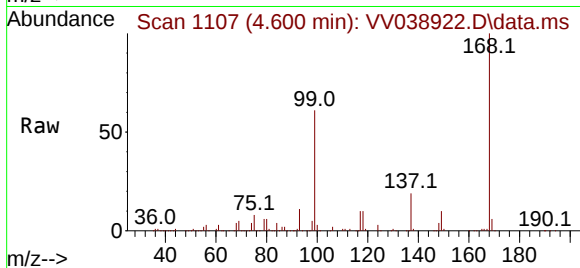
MDL06

Tgt Ion:168 Resp: 608385

Ion Ratio Lower Upper

168 100

99 61.2 48.6 73.0



#2

Dichlorodifluoromethane

Concen: 0.436 ug/l

RT: 1.121 min Scan# 25

Delta R.T. 0.000 min

Lab File: VV038922.D

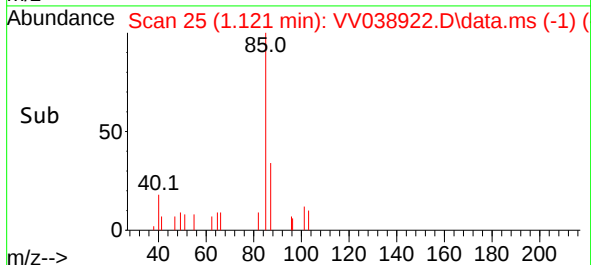
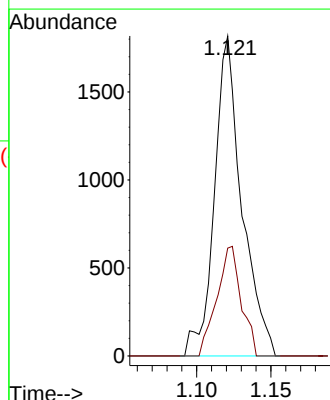
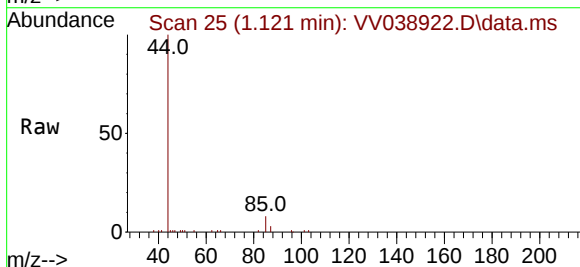
Acq: 18 Jul 2025 15:22

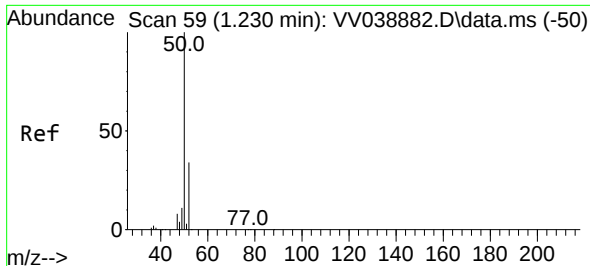
Tgt Ion: 85 Resp: 2330

Ion Ratio Lower Upper

85 100

87 33.7 16.3 48.8

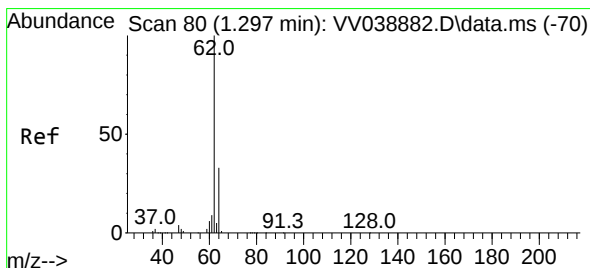
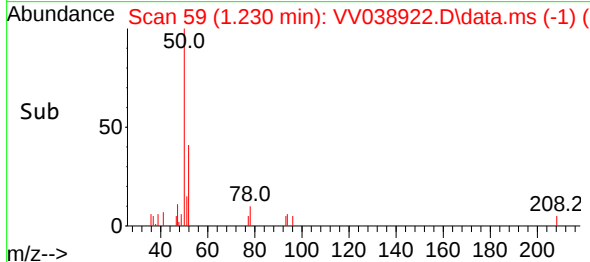
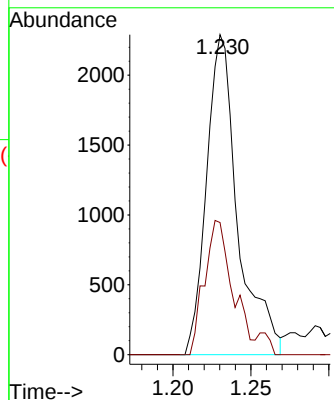
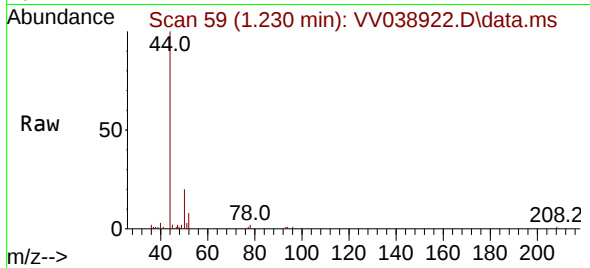




#3
Chloromethane
Concen: 0.553 ug/l
RT: 1.230 min Scan# 59
Delta R.T. 0.000 min
Lab File: VV038922.D
Acq: 18 Jul 2025 15:22

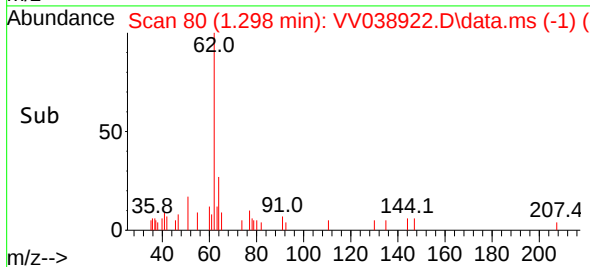
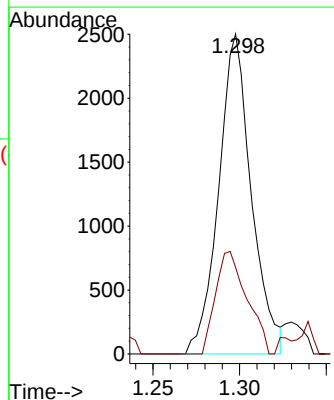
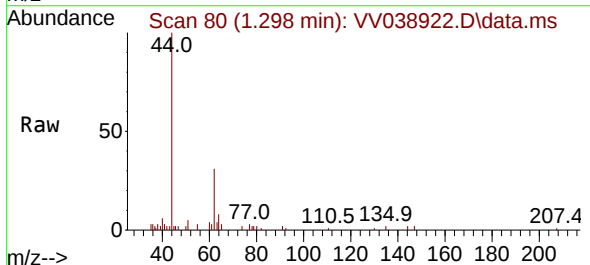
Instrument :
MSVOA_V
ClientSampleId :
MDL06

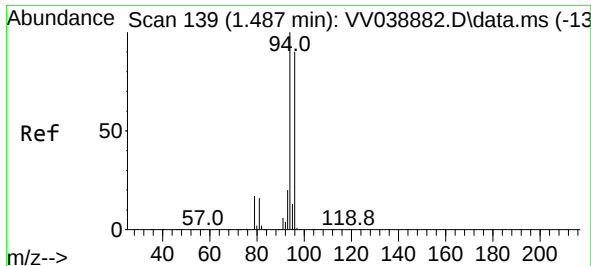
Tgt Ion: 50 Resp: 3194
Ion Ratio Lower Upper
50 100
52 41.3 26.9 40.3#



#4
Vinyl Chloride
Concen: 0.497 ug/l
RT: 1.298 min Scan# 80
Delta R.T. 0.001 min
Lab File: VV038922.D
Acq: 18 Jul 2025 15:22

Tgt Ion: 62 Resp: 3281
Ion Ratio Lower Upper
62 100
64 27.1 26.2 39.2

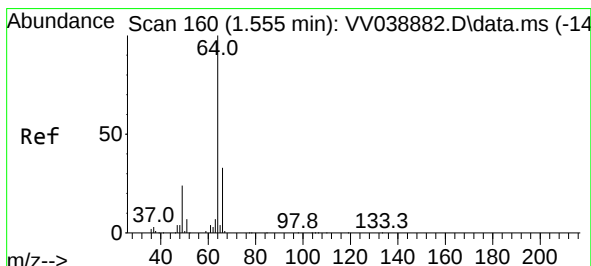
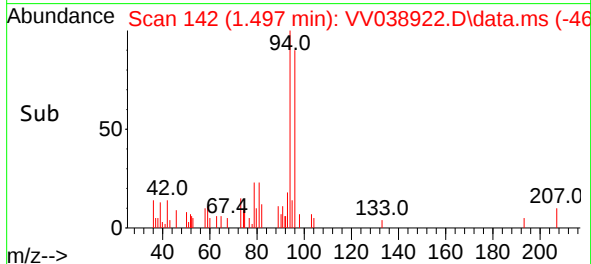
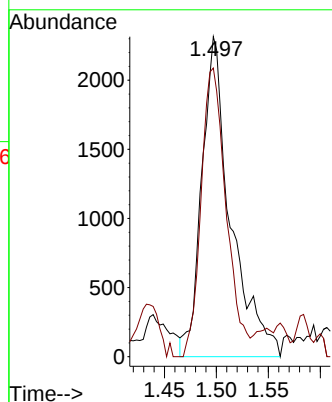
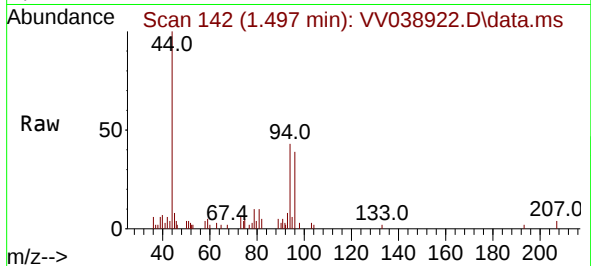




#5
Bromomethane
Concen: 0.902 ug/l
RT: 1.497 min Scan# 14
Delta R.T. 0.010 min
Lab File: VV038922.D
Acq: 18 Jul 2025 15:22

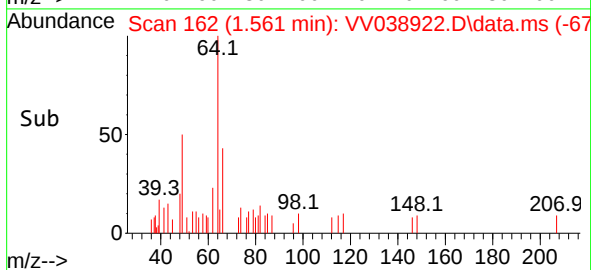
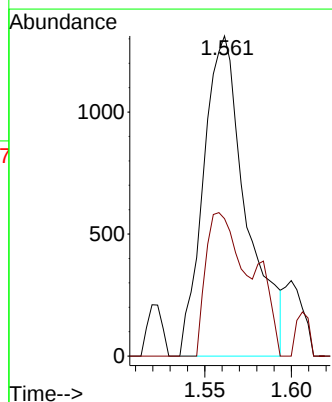
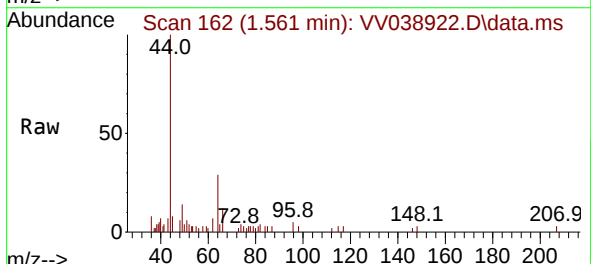
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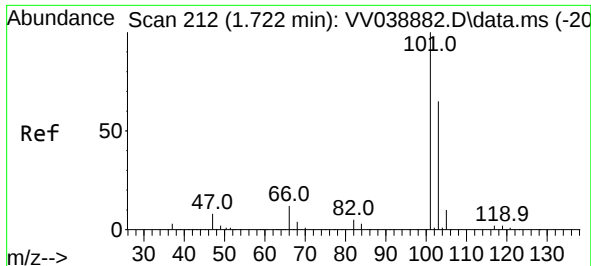
Tgt Ion: 94 Resp: 4468
Ion Ratio Lower Upper
94 100
96 90.2 71.9 107.9



#6
Chloroethane
Concen: 0.510 ug/l
RT: 1.561 min Scan# 162
Delta R.T. 0.007 min
Lab File: VV038922.D
Acq: 18 Jul 2025 15:22

Tgt Ion: 64 Resp: 2252
Ion Ratio Lower Upper
64 100
66 42.9 26.2 39.2#

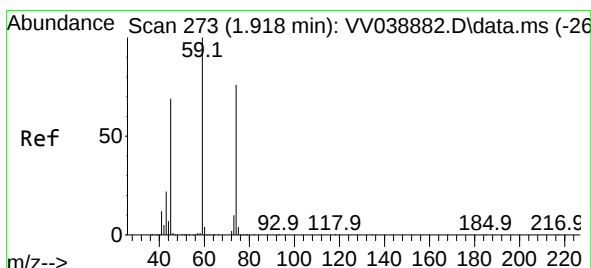
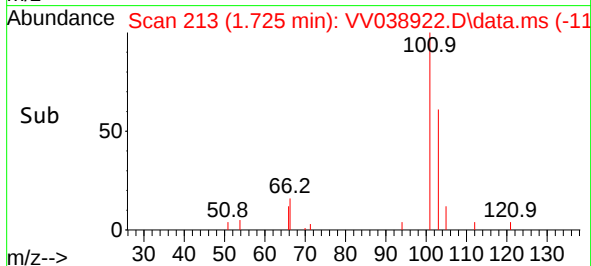
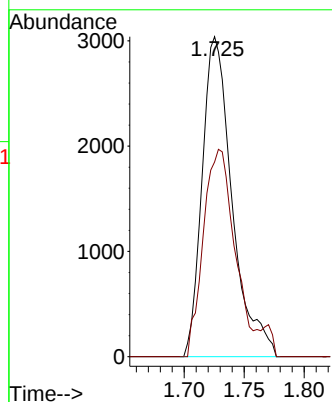
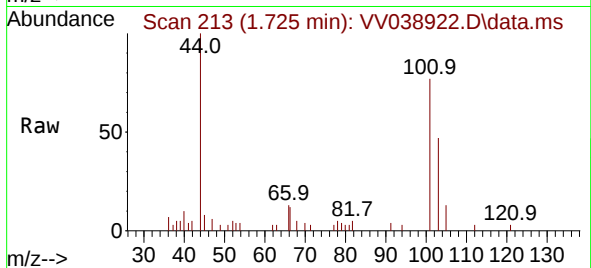




#7
Trichlorofluoromethane
Concen: 0.452 ug/l
RT: 1.725 min Scan# 212
Delta R.T. 0.003 min
Lab File: VV038922.D
Acq: 18 Jul 2025 15:22

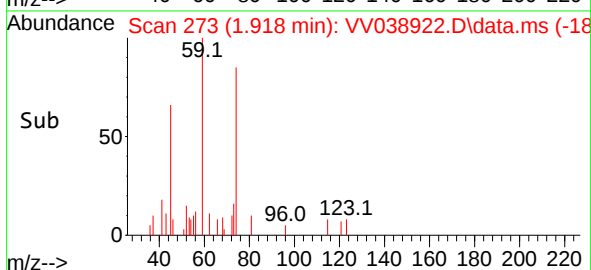
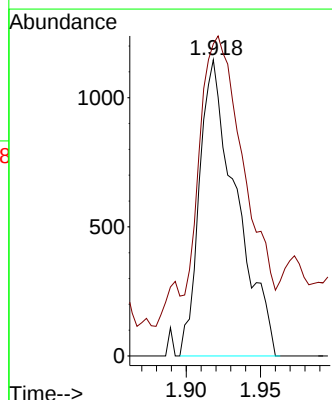
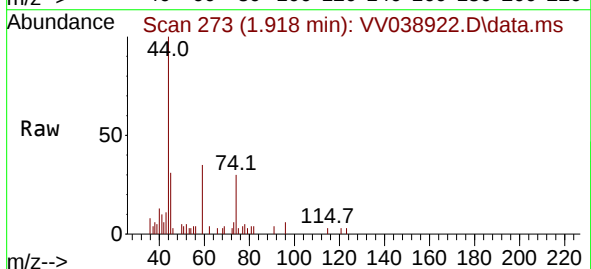
Instrument :
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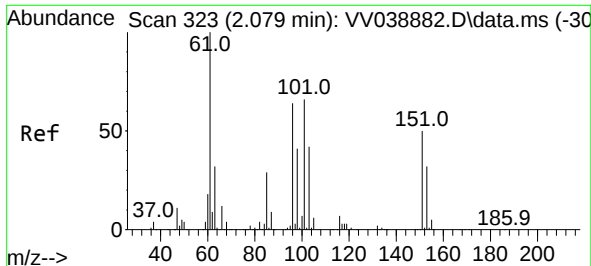
Tgt Ion:101 Resp: 5284
Ion Ratio Lower Upper
101 100
103 60.9 51.8 77.6



#8
Diethyl Ether
Concen: 0.471 ug/l
RT: 1.918 min Scan# 273
Delta R.T. 0.000 min
Lab File: VV038922.D
Acq: 18 Jul 2025 15:22

Tgt Ion: 74 Resp: 1981
Ion Ratio Lower Upper
74 100
45 102.3 45.5 136.5

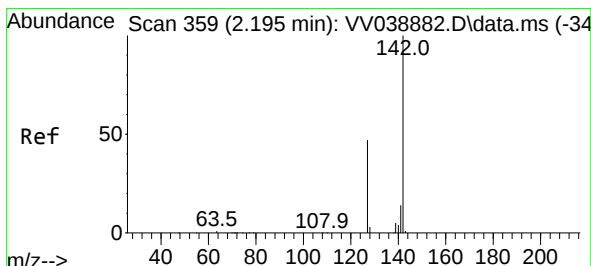
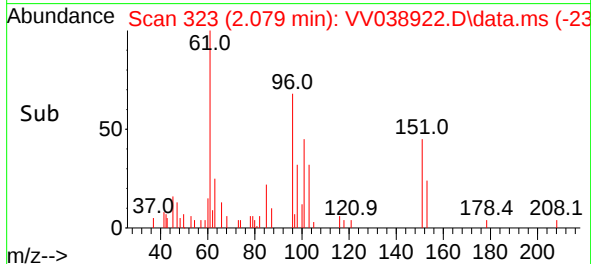
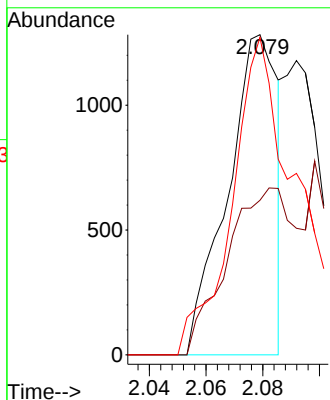
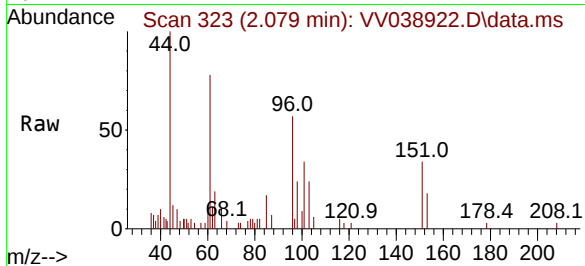




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.224 ug/l
RT: 2.079 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV038922.D
Acq: 18 Jul 2025 15:22

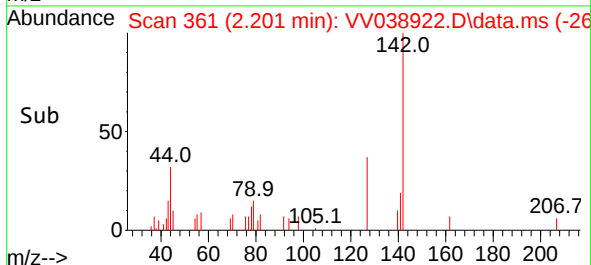
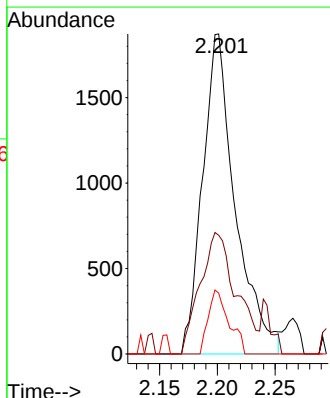
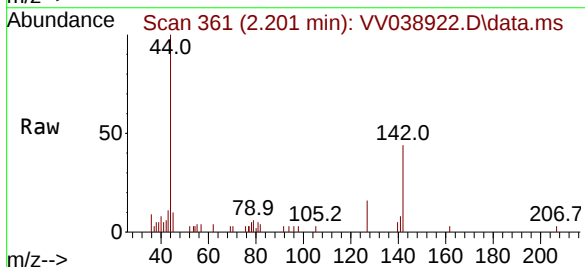
Instrument :
MSVOA_V
ClientSampleId :
MDL06

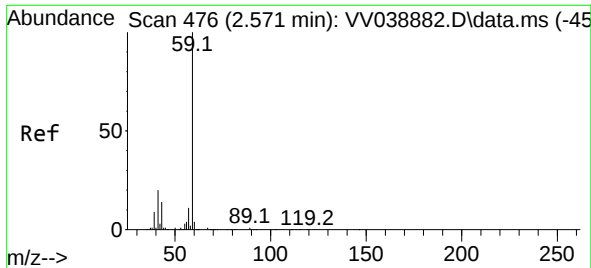
Tgt Ion:101 Resp: 1568
Ion Ratio Lower Upper
101 100
85 74.4 35.0 52.6#
151 144.9 60.1 90.1#



#10
Methyl Iodide
Concen: 0.459 ug/l
RT: 2.201 min Scan# 361
Delta R.T. 0.007 min
Lab File: VV038922.D
Acq: 18 Jul 2025 15:22

Tgt Ion:142 Resp: 3680
Ion Ratio Lower Upper
142 100
127 42.4 37.3 55.9
141 12.6 11.2 16.8

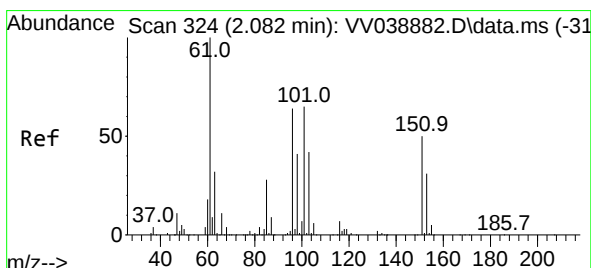
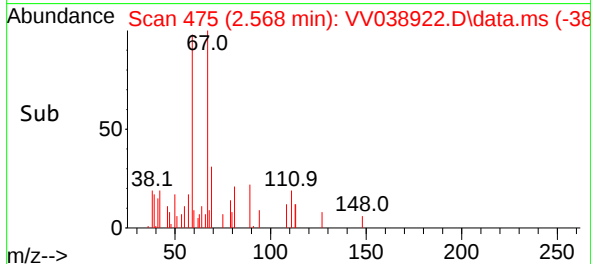
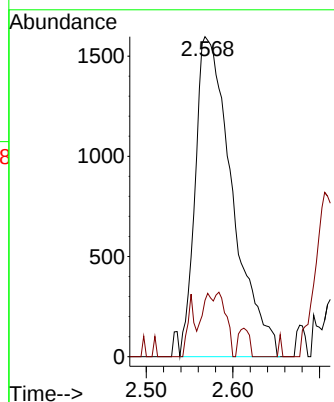
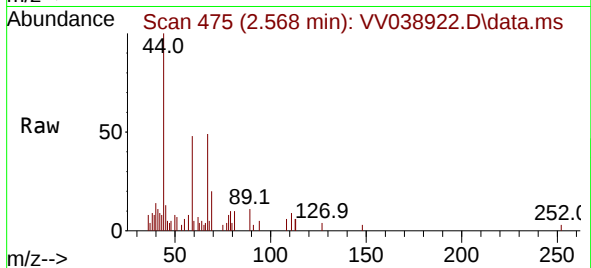




#11
Tert butyl alcohol
Concen: 2.765 ug/l
RT: 2.568 min Scan# 41
Delta R.T. -0.003 min
Lab File: VV038922.D
Acq: 18 Jul 2025 15:22

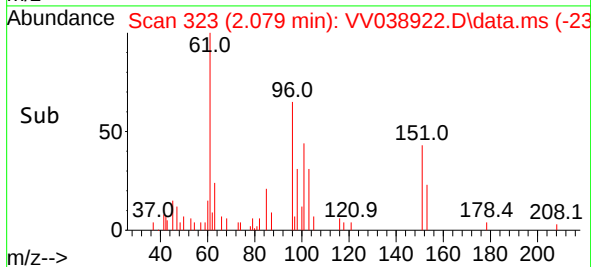
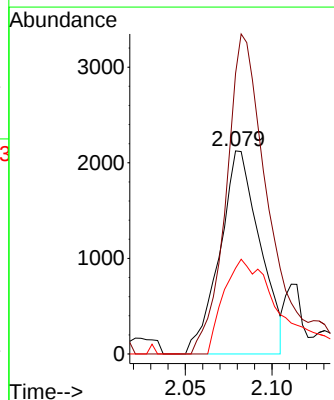
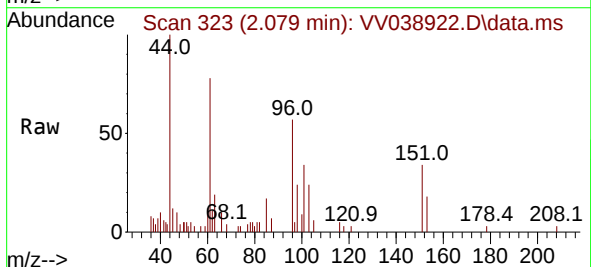
Instrument :
MSVOA_V
ClientSampleId :
MDL06

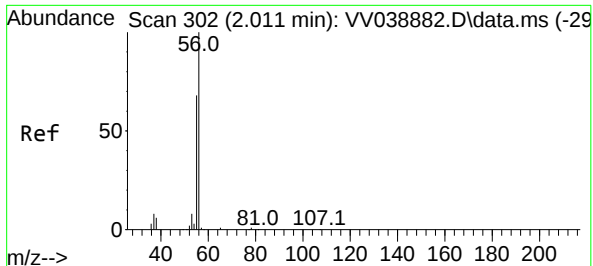
Tgt Ion: 59 Resp: 4732
Ion Ratio Lower Upper
59 100
57 3.2 8.6 12.8#



#12
1,1-Dichloroethene
Concen: 0.536 ug/l
RT: 2.079 min Scan# 323
Delta R.T. -0.003 min
Lab File: VV038922.D
Acq: 18 Jul 2025 15:22

Tgt Ion: 96 Resp: 3414
Ion Ratio Lower Upper
96 100
61 138.1 124.1 186.1
98 42.2 50.6 75.8#

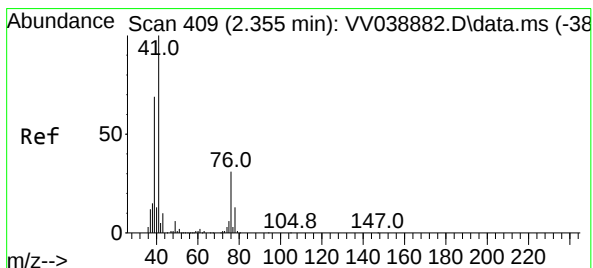
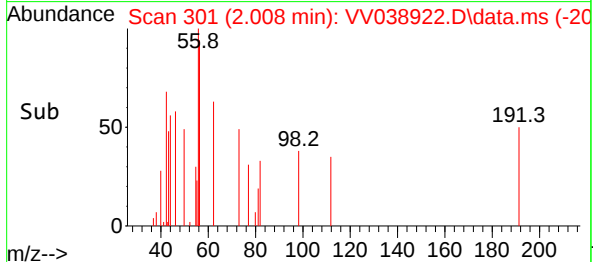
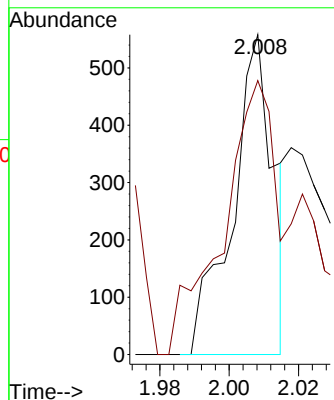
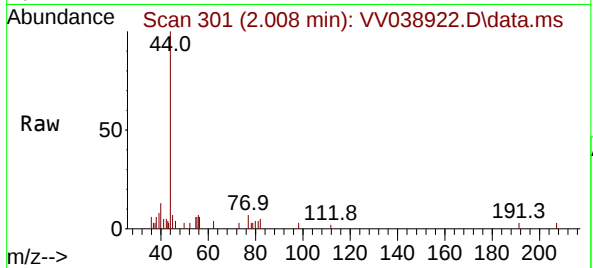




#13
Acrolein
Concen: 1.859 ug/l
RT: 2.008 min Scan# 302
Delta R.T. -0.003 min
Lab File: VV038922.D
Acq: 18 Jul 2025 15:22

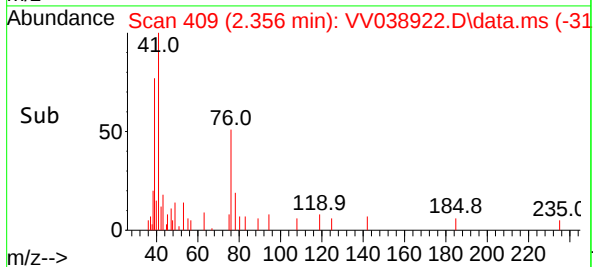
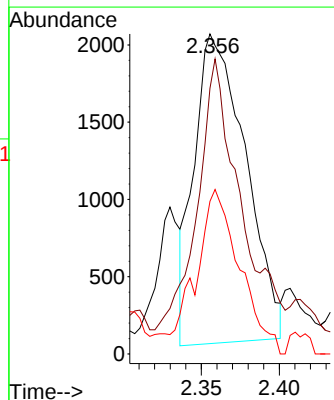
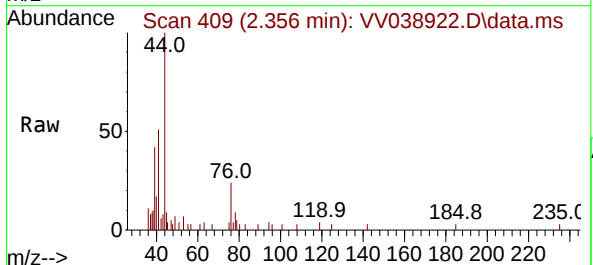
Instrument :
MSVOA_V
ClientSampleId :
MDL06

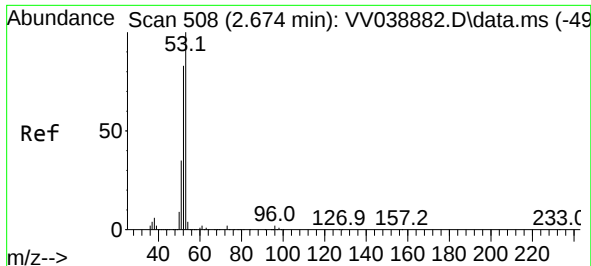
Tgt Ion: 56 Resp: 460
Ion Ratio Lower Upper
56 100
55 117.8 56.7 85.1#



#14
Allyl chloride
Concen: 0.451 ug/l
RT: 2.356 min Scan# 409
Delta R.T. 0.000 min
Lab File: VV038922.D
Acq: 18 Jul 2025 15:22

Tgt Ion: 41 Resp: 4581
Ion Ratio Lower Upper
41 100
39 71.9 50.6 76.0
76 45.1 30.4 45.6

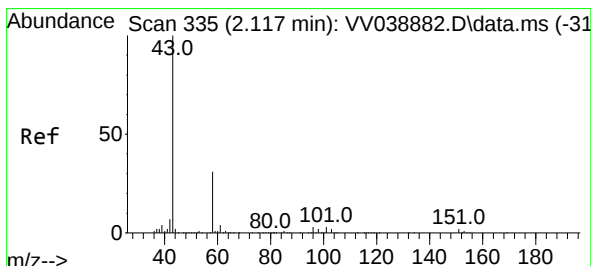
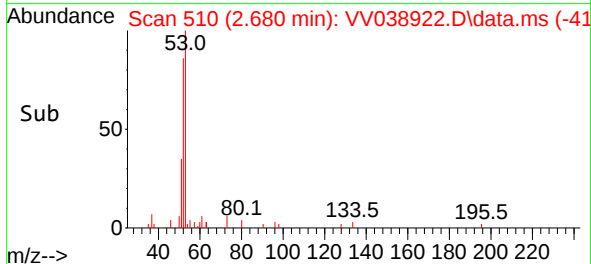
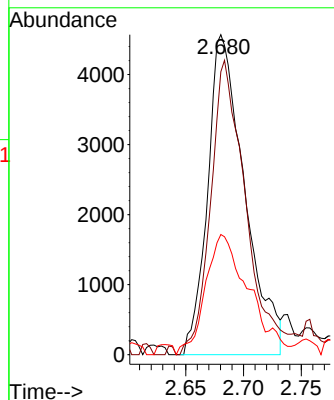
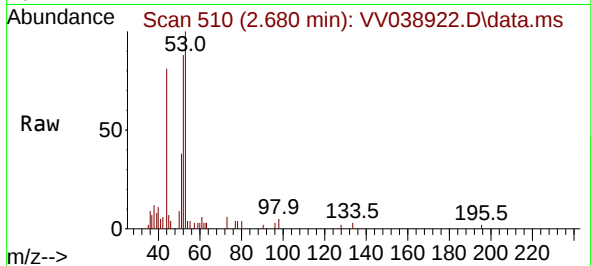




#15
Acrylonitrile
Concen: 2.323 ug/l
RT: 2.680 min Scan# 51
Delta R.T. 0.007 min
Lab File: VV038922.D
Acq: 18 Jul 2025 15:22

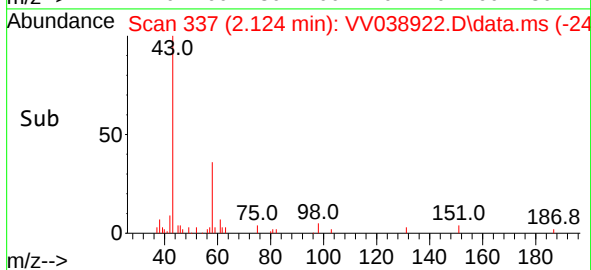
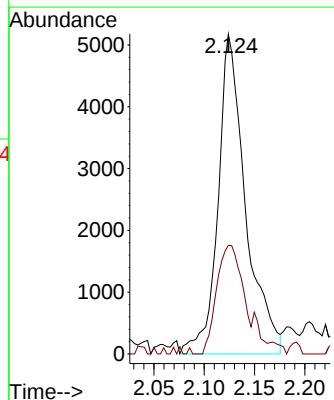
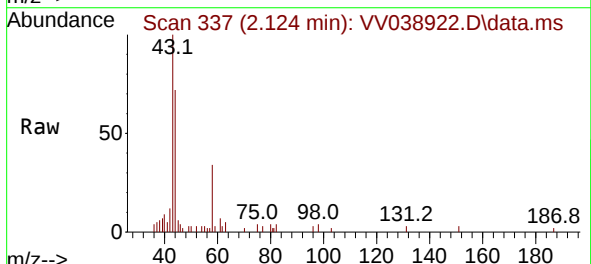
Instrument :
MSVOA_V
ClientSampleId :
MDL06

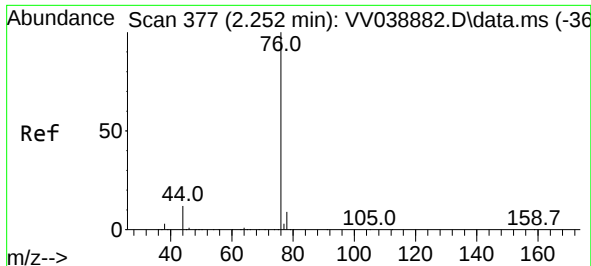
Tgt Ion: 53 Resp: 10173
Ion Ratio Lower Upper
53 100
52 88.5 66.6 99.8
51 43.9 28.7 43.1#



#16
Acetone
Concen: 3.064 ug/l
RT: 2.124 min Scan# 337
Delta R.T. 0.007 min
Lab File: VV038922.D
Acq: 18 Jul 2025 15:22

Tgt Ion: 43 Resp: 9856
Ion Ratio Lower Upper
43 100
58 31.7 25.8 38.6





#17

Carbon Disulfide

Concen: 0.653 ug/l

RT: 2.253 min Scan# 31

Delta R.T. 0.001 min

Lab File: VV038922.D

Acq: 18 Jul 2025 15:22

Instrument :

MSVOA_V

ClientSampleId :

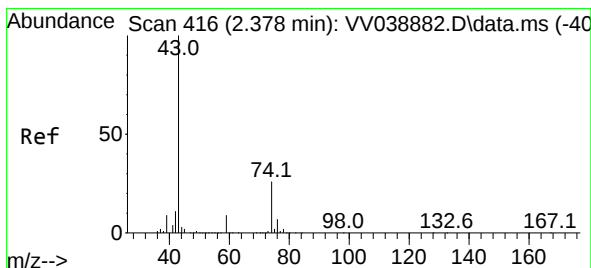
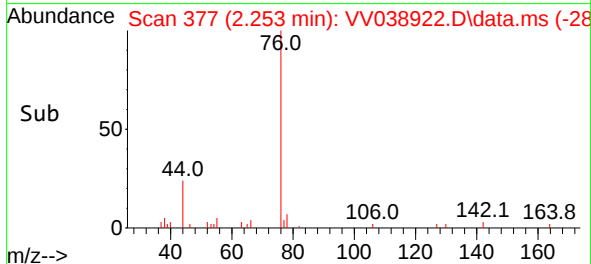
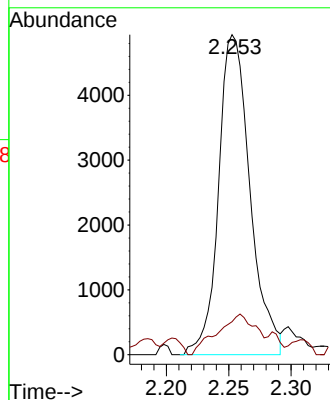
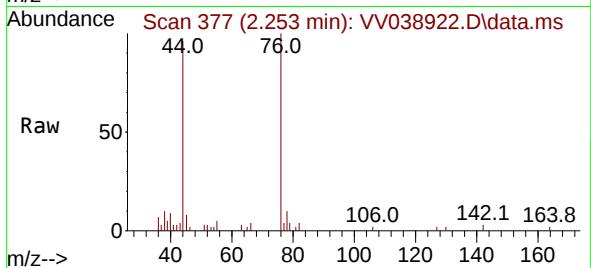
MDL06

Tgt Ion: 76 Resp: 8683

Ion Ratio Lower Upper

76 100

78 6.6 7.4 11.2#



#18

Methyl Acetate

Concen: 0.441 ug/l

RT: 2.388 min Scan# 419

Delta R.T. 0.010 min

Lab File: VV038922.D

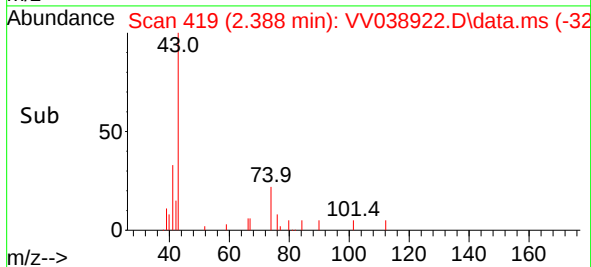
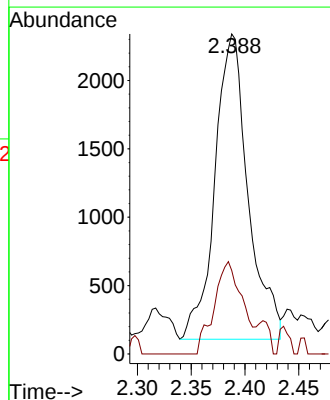
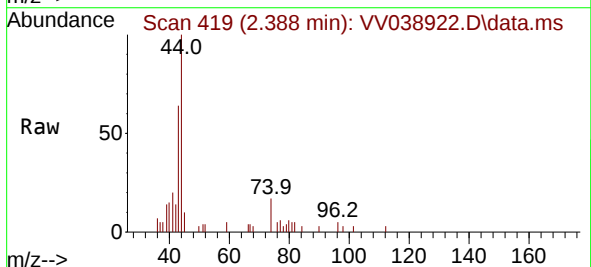
Acq: 18 Jul 2025 15:22

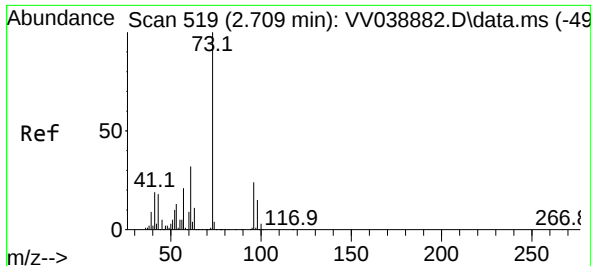
Tgt Ion: 43 Resp: 4798

Ion Ratio Lower Upper

43 100

74 26.1 21.1 31.7

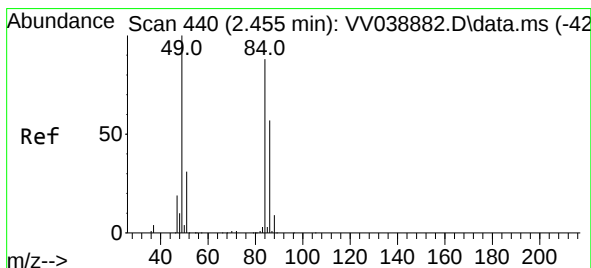
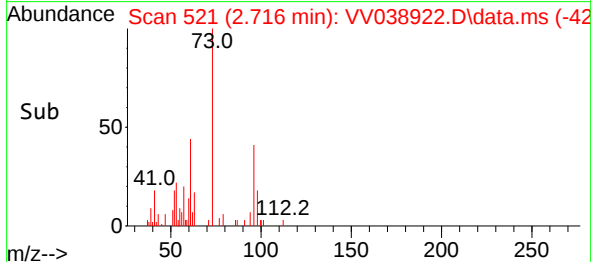
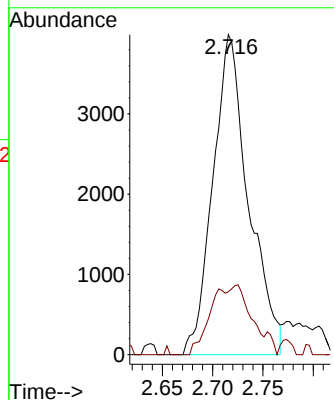
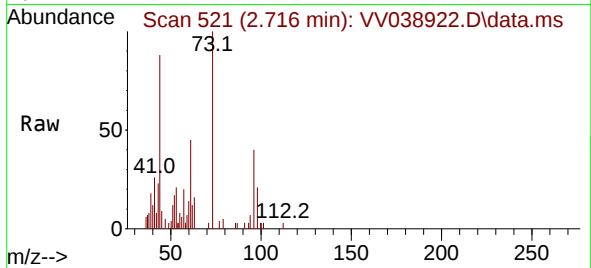




#19
Methyl tert-butyl Ether
Concen: 0.412 ug/l
RT: 2.716 min Scan# 519
Delta R.T. 0.007 min
Lab File: VV038922.D
Acq: 18 Jul 2025 15:22

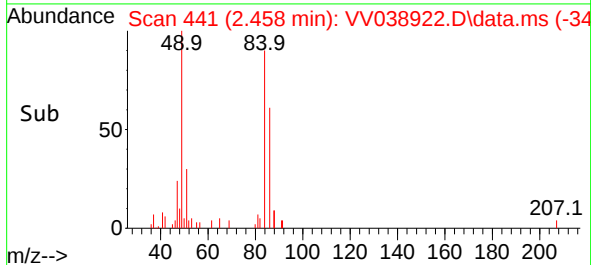
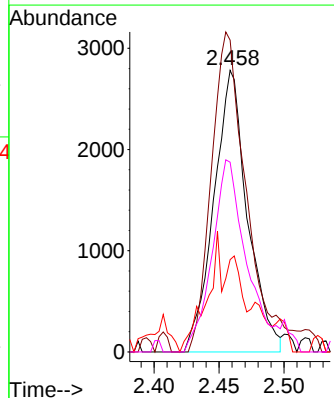
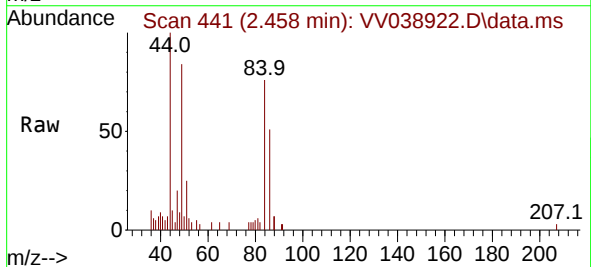
Instrument :
MSVOA_V
ClientSampleId :
MDL06

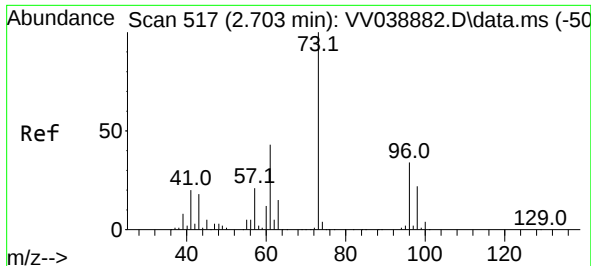
Tgt Ion: 73 Resp: 9831
Ion Ratio Lower Upper
73 100
57 19.7 16.5 24.7



#20
Methylene Chloride
Concen: 0.614 ug/l
RT: 2.458 min Scan# 441
Delta R.T. 0.003 min
Lab File: VV038922.D
Acq: 18 Jul 2025 15:22

Tgt Ion: 84 Resp: 5007
Ion Ratio Lower Upper
84 100
49 104.5 90.5 135.7
51 32.8 27.8 41.6
86 67.4 51.2 76.8

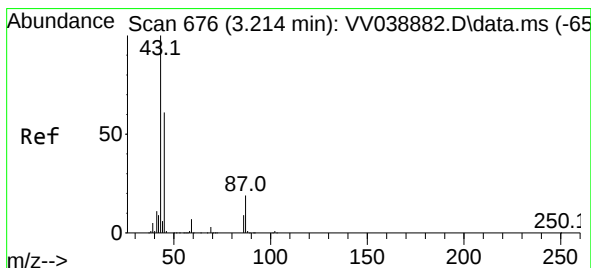
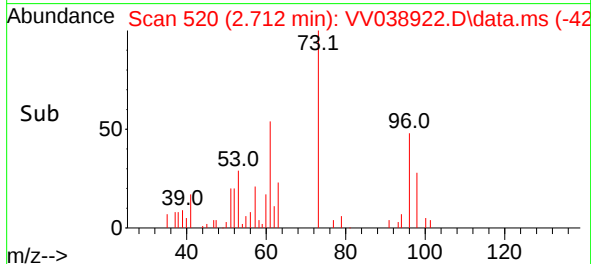
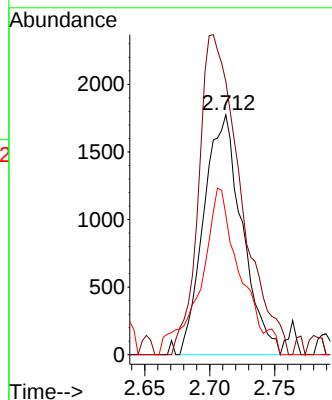
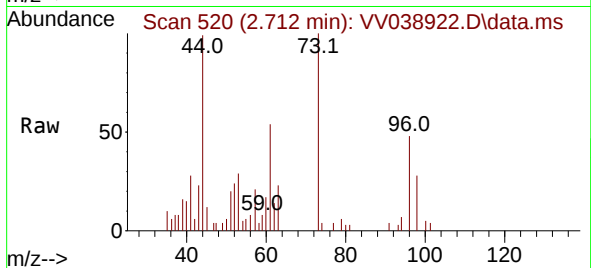




#21
trans-1,2-Dichloroethene
Concen: 0.537 ug/l
RT: 2.712 min Scan# 517
Delta R.T. 0.010 min
Lab File: VV038922.D
Acq: 18 Jul 2025 15:22

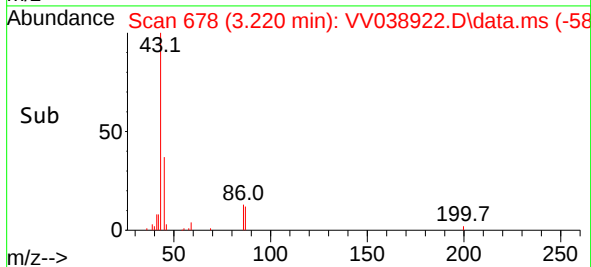
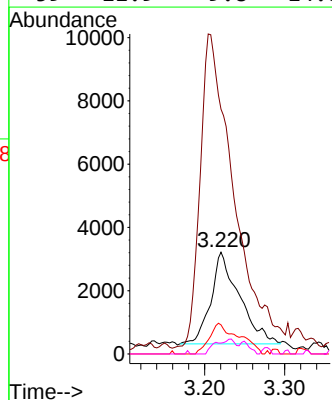
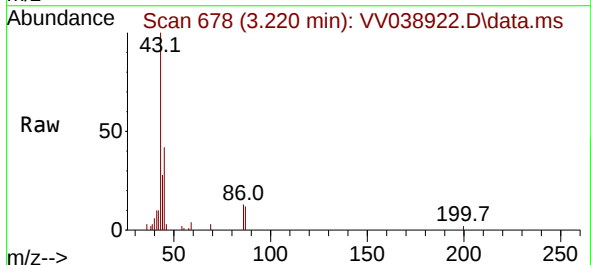
Instrument :
MSVOA_V
ClientSampleId :
MDL06

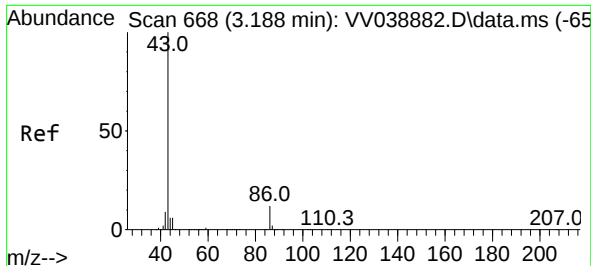
Tgt Ion: 96 Resp: 3638
Ion Ratio Lower Upper
96 100
61 102.6 102.0 153.0
98 58.3 51.0 76.6



#22
Diisopropyl ether
Concen: 0.354 ug/l
RT: 3.220 min Scan# 678
Delta R.T. 0.007 min
Lab File: VV038922.D
Acq: 18 Jul 2025 15:22

Tgt Ion: 45 Resp: 7187
Ion Ratio Lower Upper
45 100
43 258.6 132.1 198.1#
87 31.8 25.0 37.4
59 11.9 9.8 14.8

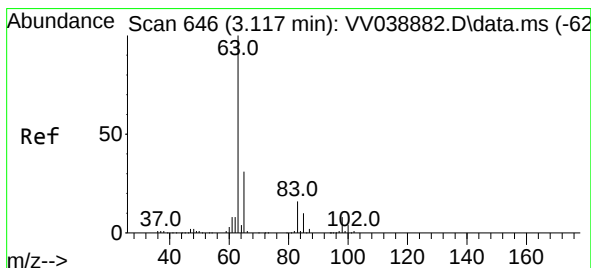
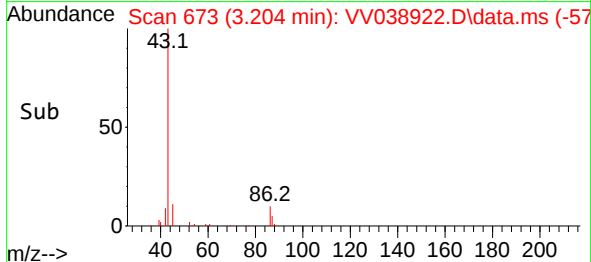
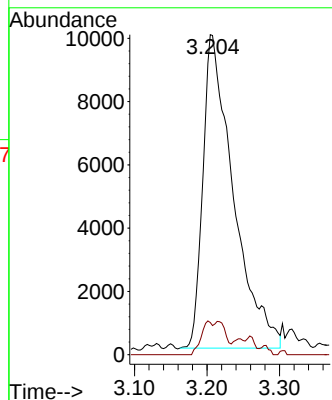
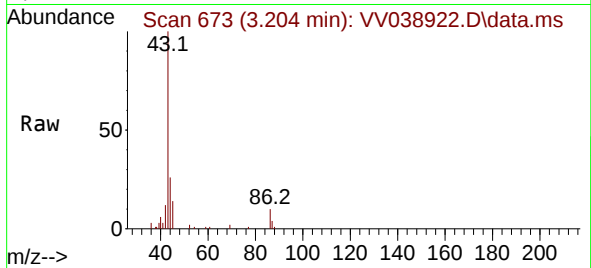




#23
 Vinyl Acetate
 Concen: 1.818 ug/l
 RT: 3.204 min Scan# 61
 Delta R.T. 0.016 min
 Lab File: VV038922.D
 Acq: 18 Jul 2025 15:22

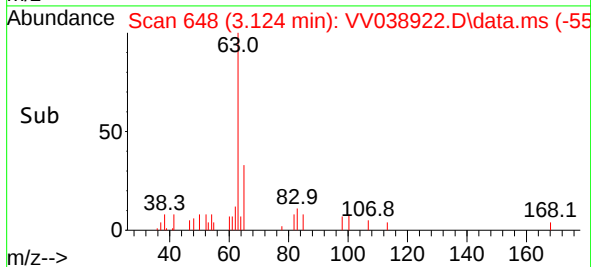
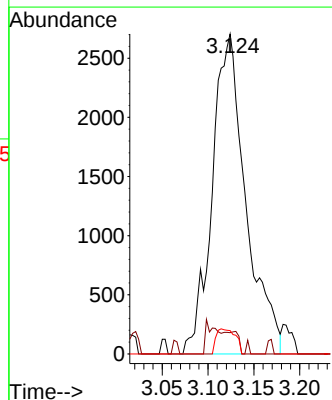
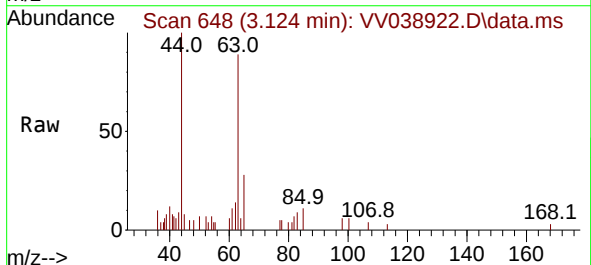
Instrument :
 MSVOA_V
 ClientSampleId :
 MDL06

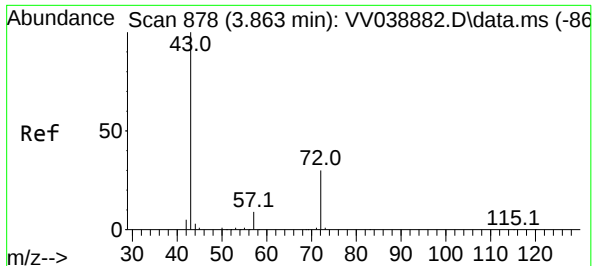
Tgt Ion: 43 Resp: 28899
 Ion Ratio Lower Upper
 43 100
 86 10.3 9.8 14.6



#24
 1,1-Dichloroethane
 Concen: 0.520 ug/l
 RT: 3.124 min Scan# 648
 Delta R.T. 0.007 min
 Lab File: VV038922.D
 Acq: 18 Jul 2025 15:22

Tgt Ion: 63 Resp: 6900
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.9 11.7
 100 7.3 2.2 6.6#





#25

2-Butanone

Concen: 0.039 ug/l

RT: 3.883 min Scan# 884

Delta R.T. 0.019 min

Lab File: VV038922.D

Acq: 18 Jul 2025 15:22

Instrument :

MSVOA_V

ClientSampleId :

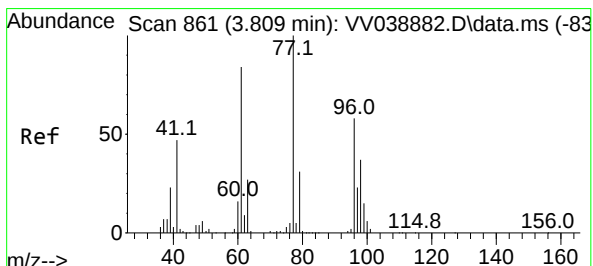
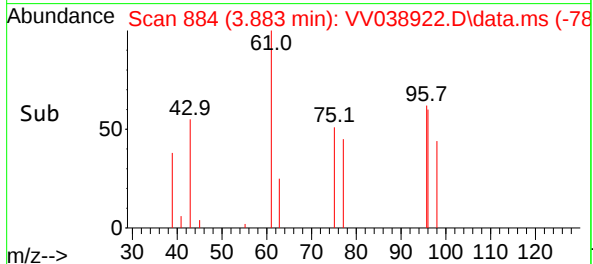
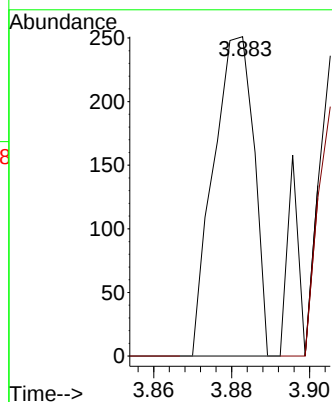
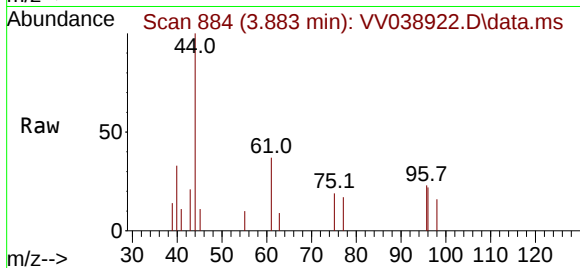
MDL06

Tgt Ion: 43 Resp: 181

Ion Ratio Lower Upper

43 100

72 0.0 23.9 35.9#



#26

2,2-Dichloropropane

Concen: 0.446 ug/l

RT: 3.818 min Scan# 864

Delta R.T. 0.010 min

Lab File: VV038922.D

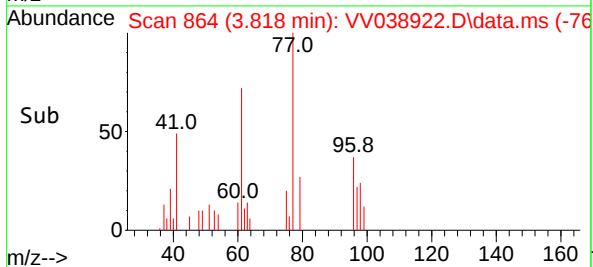
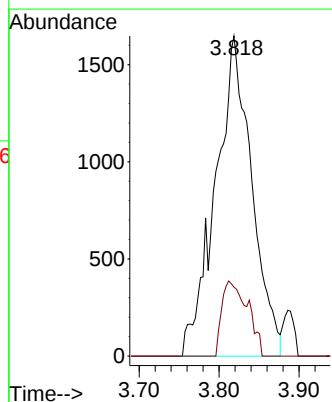
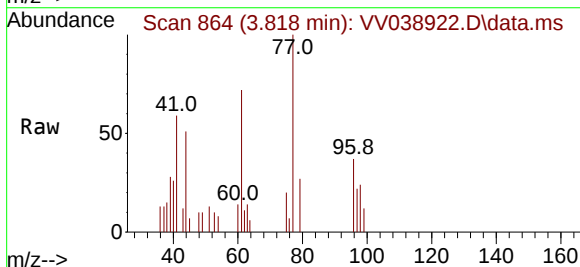
Acq: 18 Jul 2025 15:22

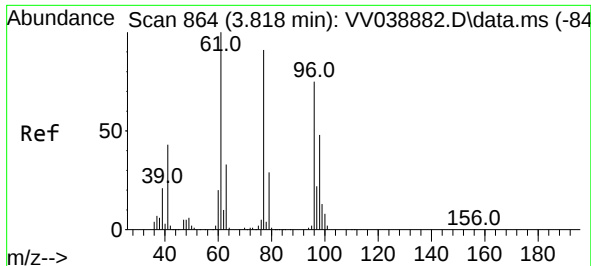
Tgt Ion: 77 Resp: 5190

Ion Ratio Lower Upper

77 100

97 16.6 11.4 34.2

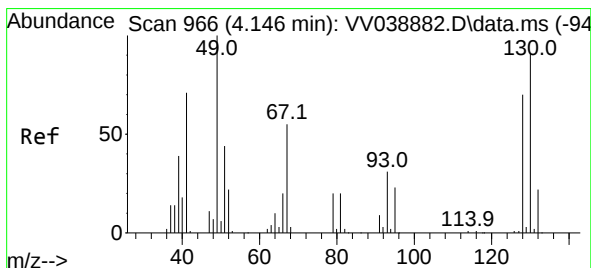
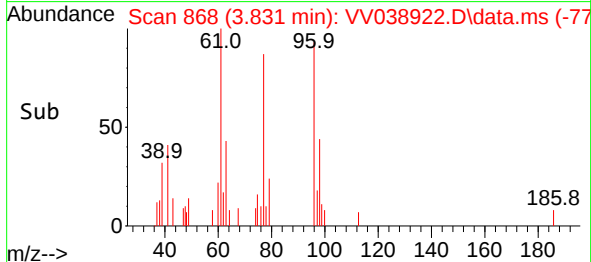
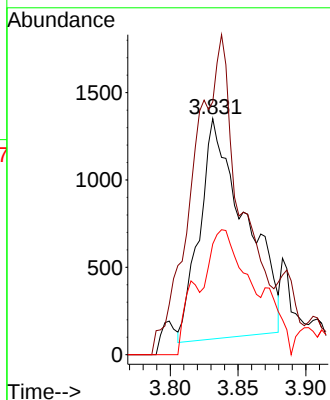
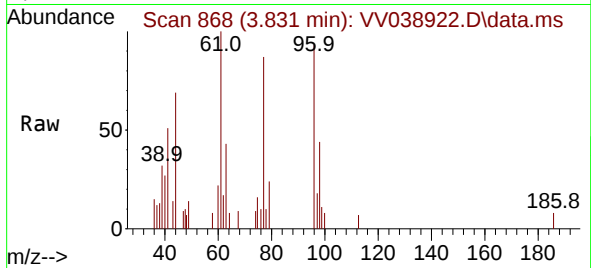




#27
 cis-1,2-Dichloroethene
 Concen: 0.379 ug/l
 RT: 3.831 min Scan# 864
 Delta R.T. 0.013 min
 Lab File: VV038922.D
 Acq: 18 Jul 2025 15:22

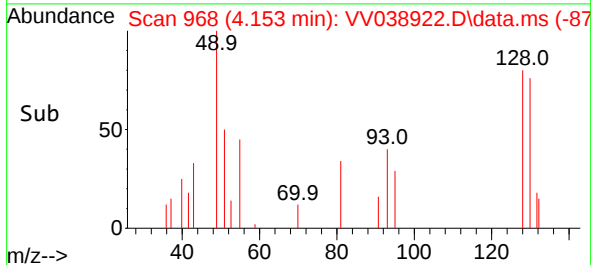
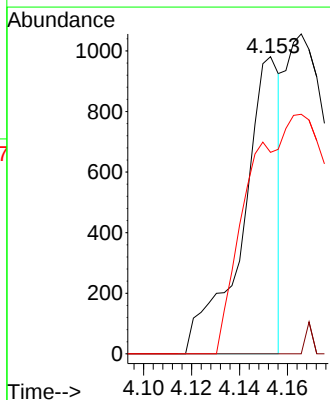
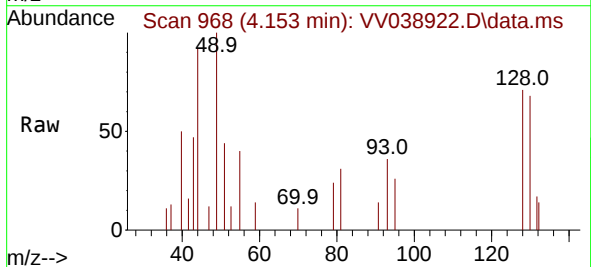
Instrument :
 MSVOA_V
 ClientSampleId :
 MDL06

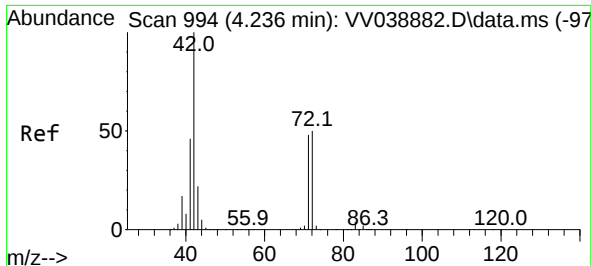
Tgt Ion: 96	Resp:	2947	
Ion	Ratio	Lower	Upper
96	100		
61	154.5	0.0	275.0
98	28.5	0.0	130.0



#28
 Bromochloromethane
 Concen: 0.206 ug/l
 RT: 4.153 min Scan# 968
 Delta R.T. 0.007 min
 Lab File: VV038922.D
 Acq: 18 Jul 2025 15:22

Tgt Ion: 49	Resp:	1060	
Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	4.8
130	229.6	70.1	105.1#





#29

Tetrahydrofuran

Concen: 0.116 ug/l

RT: 4.217 min Scan# 91

Delta R.T. -0.019 min

Lab File: VV038922.D

Acq: 18 Jul 2025 15:22

Instrument :

MSVOA_V

ClientSampleId :

MDL06

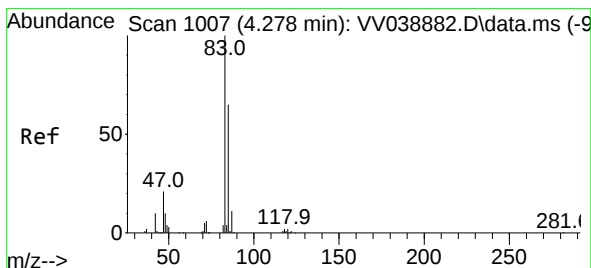
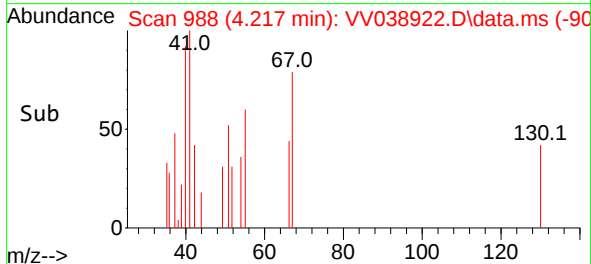
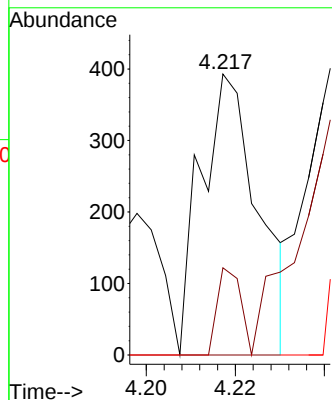
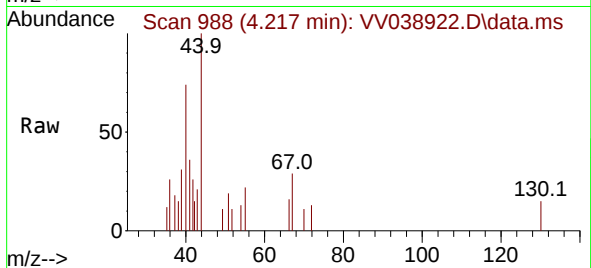
Tgt Ion: 42 Resp: 351

Ion Ratio Lower Upper

42 100

72 0.0 41.6 62.4#

71 0.0 38.4 57.6#



#30

Chloroform

Concen: 0.409 ug/l

RT: 4.285 min Scan# 1009

Delta R.T. 0.007 min

Lab File: VV038922.D

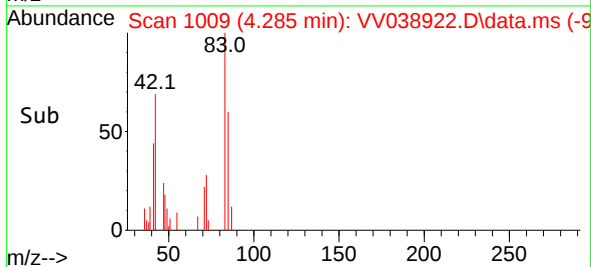
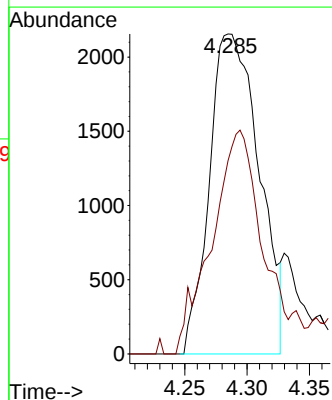
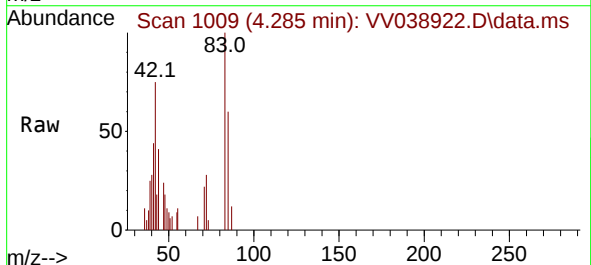
Acq: 18 Jul 2025 15:22

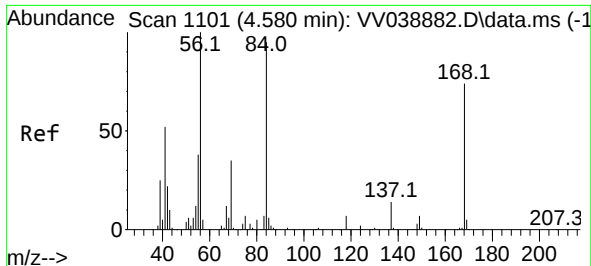
Tgt Ion: 83 Resp: 5991

Ion Ratio Lower Upper

83 100

85 54.9 52.2 78.4

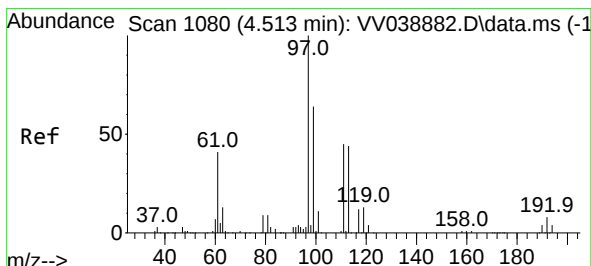
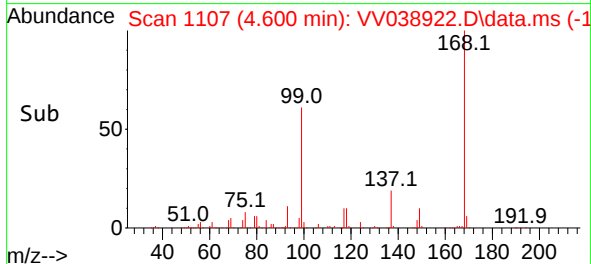
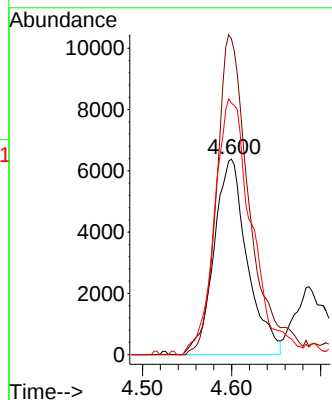
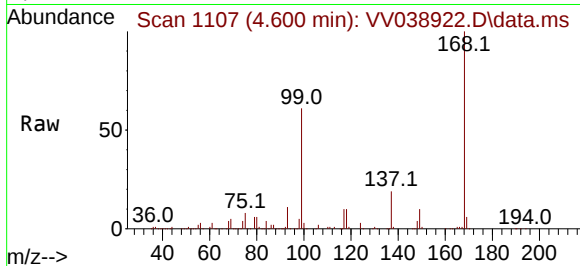




#31
Cyclohexane
Concen: 1.898 ug/l
RT: 4.600 min Scan# 1101
Delta R.T. 0.019 min
Lab File: VV038922.D
Acq: 18 Jul 2025 15:22

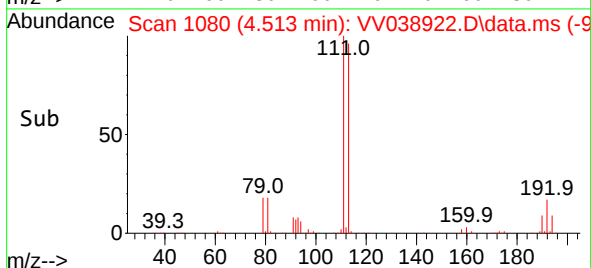
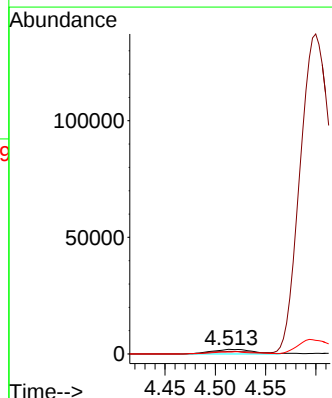
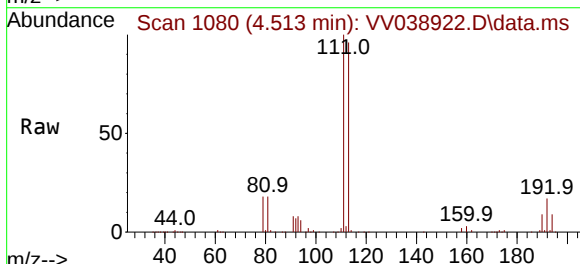
Instrument :
MSVOA_V
ClientSampleId :
MDL06

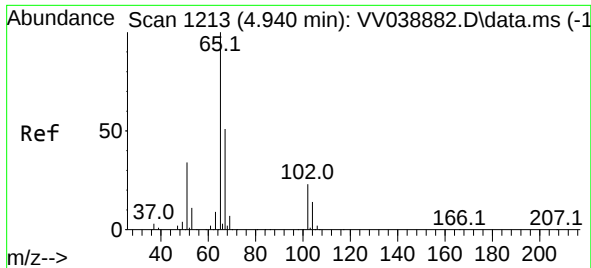
Tgt Ion: 56 Resp: 16544
Ion Ratio Lower Upper
56 100
69 161.5 28.2 42.2#
84 128.6 76.0 114.0#



#32
1,1,1-Trichloroethane
Concen: 0.437 ug/l
RT: 4.513 min Scan# 1080
Delta R.T. 0.000 min
Lab File: VV038922.D
Acq: 18 Jul 2025 15:22

Tgt Ion: 97 Resp: 5583
Ion Ratio Lower Upper
97 100
99 0.0 50.1 75.1#
61 48.5 32.6 49.0





#33

1,2-Dichloroethane-d4

Concen: 54.455 ug/l

RT: 4.941 min Scan# 11

Delta R.T. 0.000 min

Lab File: VV038922.D

Acq: 18 Jul 2025 15:22

Instrument :

MSVOA_V

ClientSampleId :

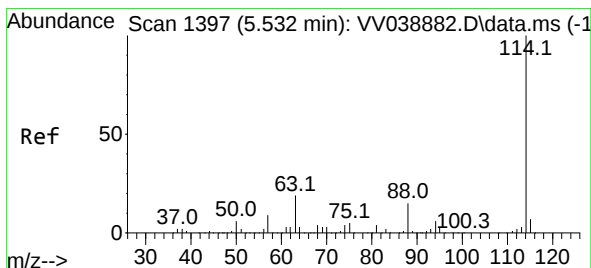
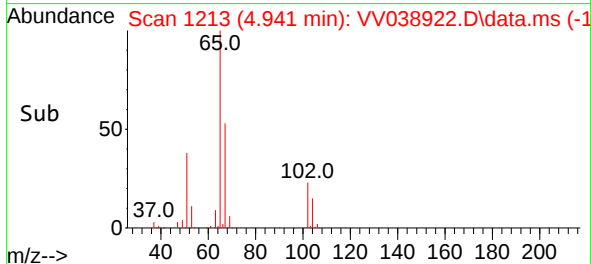
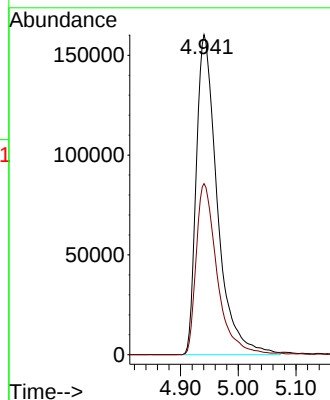
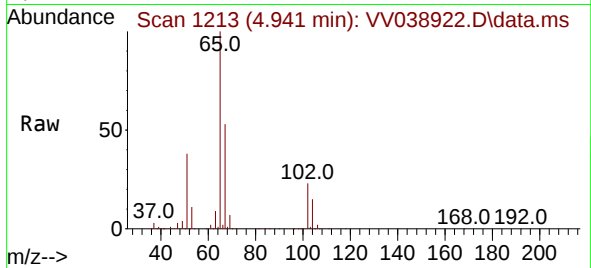
MDL06

Tgt Ion: 65 Resp: 404788

Ion Ratio Lower Upper

65 100

67 53.4 0.0 105.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.532 min Scan# 1397

Delta R.T. 0.000 min

Lab File: VV038922.D

Acq: 18 Jul 2025 15:22

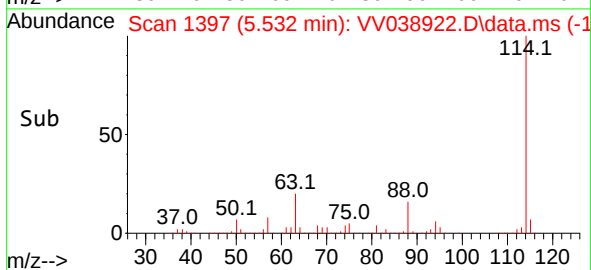
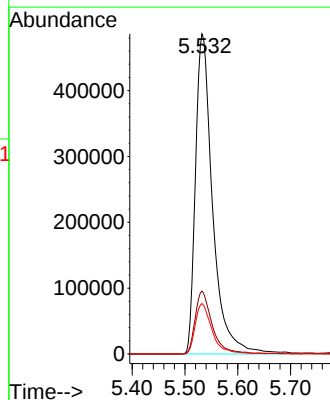
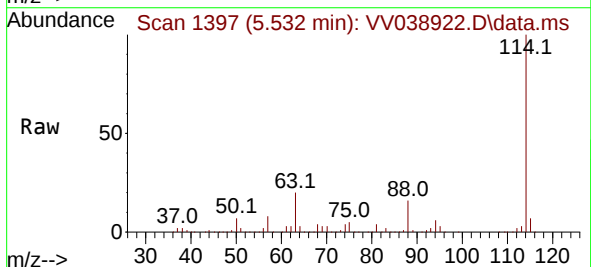
Tgt Ion: 114 Resp: 1094949

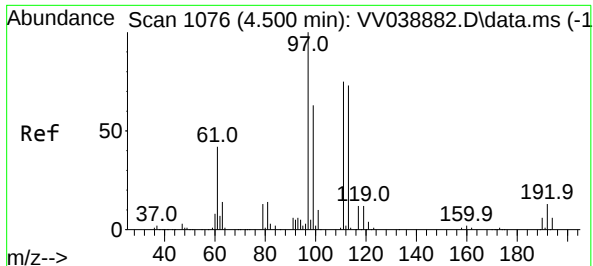
Ion Ratio Lower Upper

114 100

63 19.6 0.0 37.2

88 15.7 0.0 30.8





#35

Dibromofluoromethane

Concen: 45.837 ug/l

RT: 4.503 min Scan# 1107

Delta R.T. 0.003 min

Lab File: VV038922.D

Acq: 18 Jul 2025 15:22

Instrument :

MSVOA_V

ClientSampleId :

MDL06

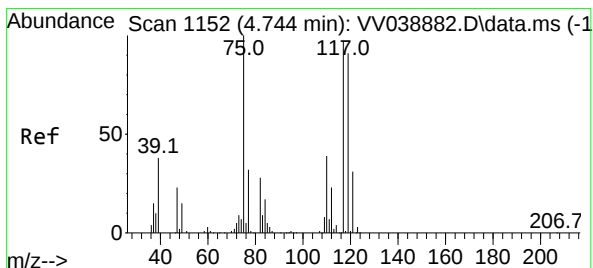
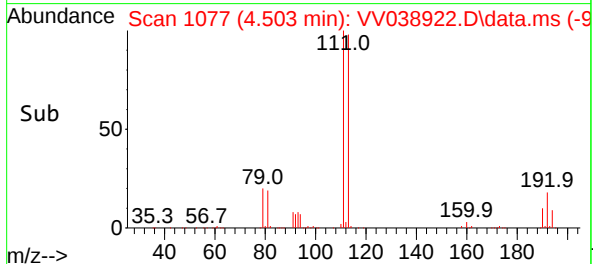
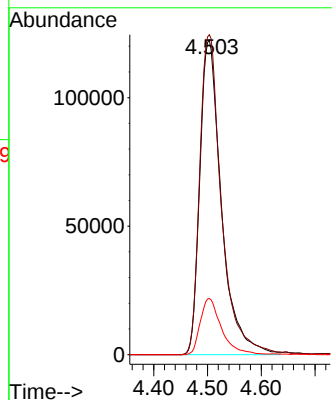
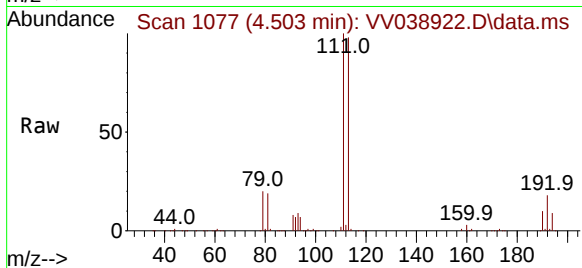
Tgt Ion:113 Resp: 342187

Ion Ratio Lower Upper

113 100

111 102.0 83.3 124.9

192 17.5 14.2 21.4



#36

1,1-Dichloropropene

Concen: 0.432 ug/l

RT: 4.761 min Scan# 1157

Delta R.T. 0.016 min

Lab File: VV038922.D

Acq: 18 Jul 2025 15:22

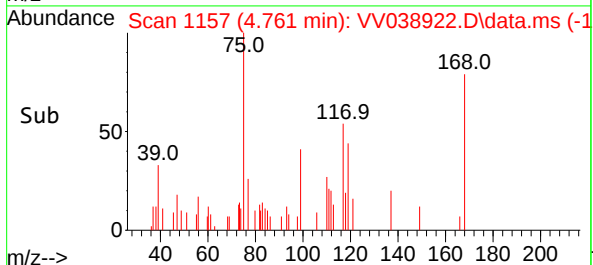
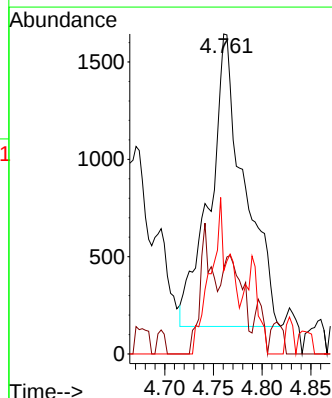
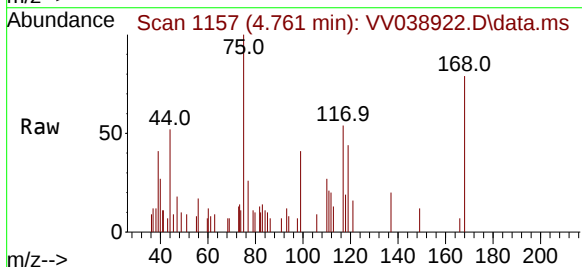
Tgt Ion: 75 Resp: 3708

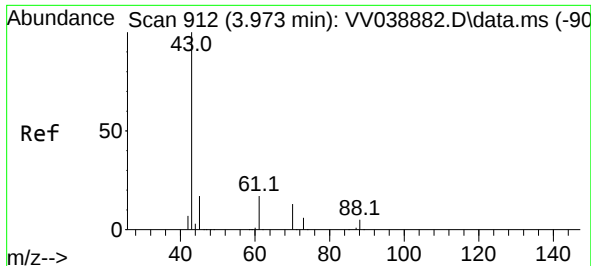
Ion Ratio Lower Upper

75 100

110 20.7 18.8 56.3

77 22.7 24.2 36.4#

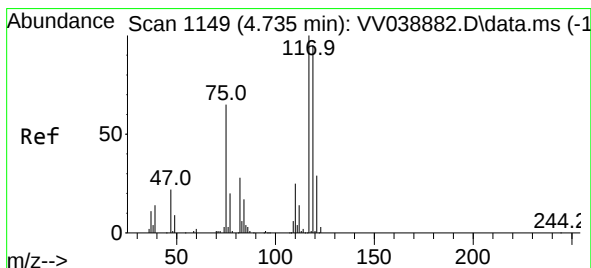
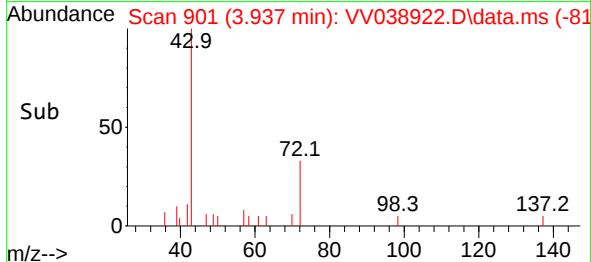
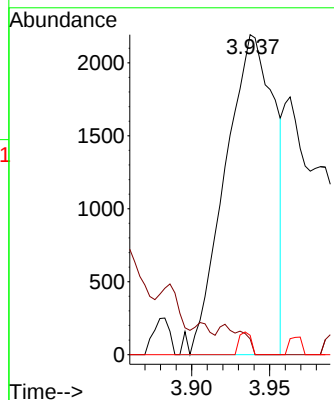
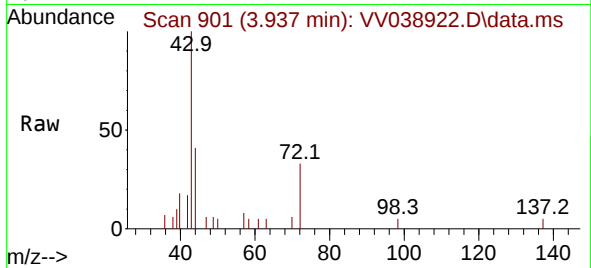




#37
Ethyl Acetate
Concen: 0.479 ug/l
RT: 3.937 min Scan# 901
Delta R.T. -0.035 min
Lab File: VV038922.D
Acq: 18 Jul 2025 15:22

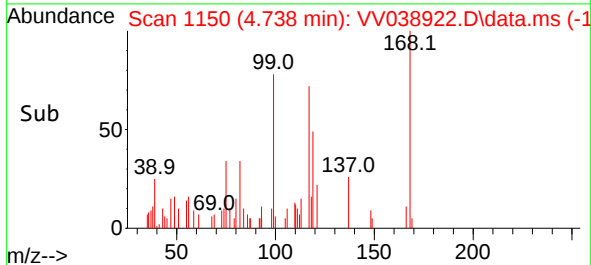
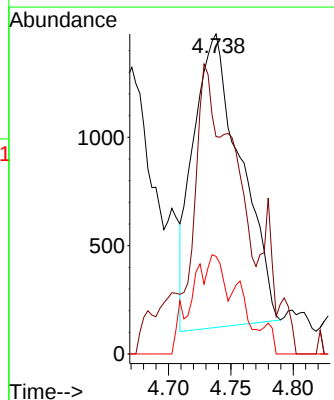
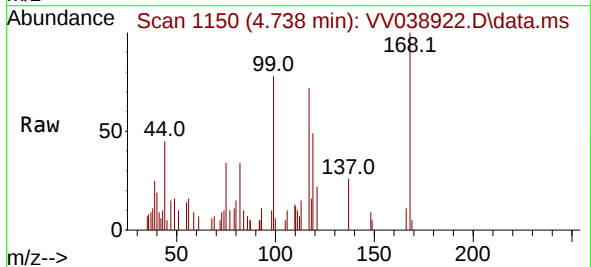
Instrument :
MSVOA_V
ClientSampleId :
MDL06

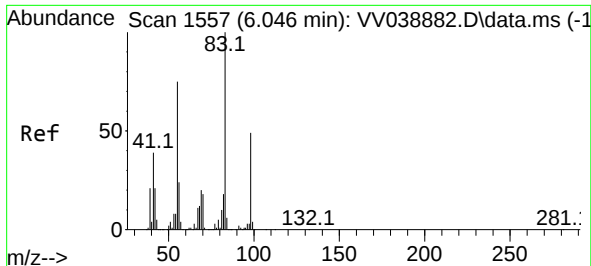
Tgt Ion: 43 Resp: 4841
Ion Ratio Lower Upper
43 100
61 4.5 11.1 16.7#
70 1.7 8.9 13.3#



#38
Carbon Tetrachloride
Concen: 0.313 ug/l
RT: 4.738 min Scan# 1150
Delta R.T. 0.003 min
Lab File: VV038922.D
Acq: 18 Jul 2025 15:22

Tgt Ion: 117 Resp: 3571
Ion Ratio Lower Upper
117 100
119 58.6 76.0 114.0#
121 34.2 23.1 34.7





#39

Methylcyclohexane

Concen: 0.498 ug/l

RT: 6.050 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV038922.D

Acq: 18 Jul 2025 15:22

Instrument :

MSVOA_V

ClientSampleId :

MDL06

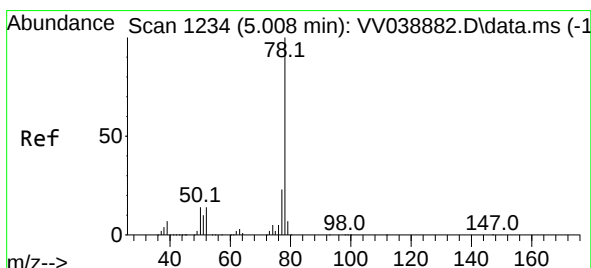
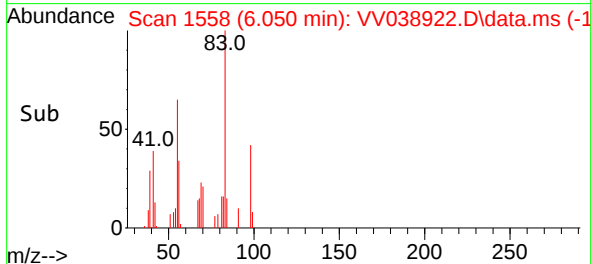
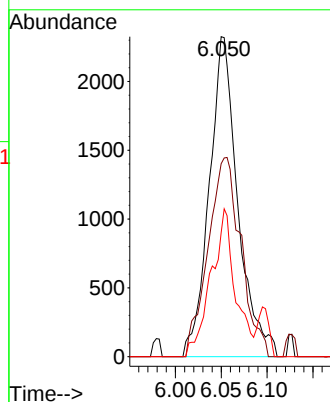
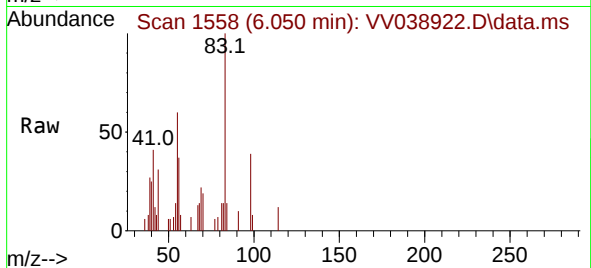
Tgt Ion: 83 Resp: 5042

Ion Ratio Lower Upper

83 100

55 60.3 60.0 90.0

98 38.7 39.0 58.6#



#40

Benzene

Concen: 0.204 ug/l

RT: 5.021 min Scan# 1238

Delta R.T. 0.013 min

Lab File: VV038922.D

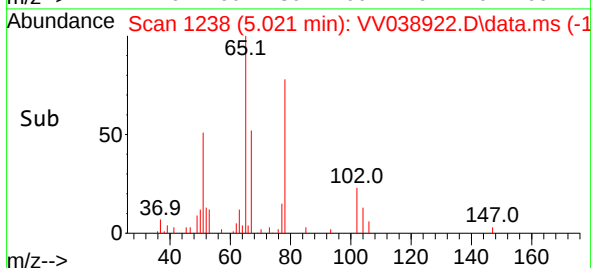
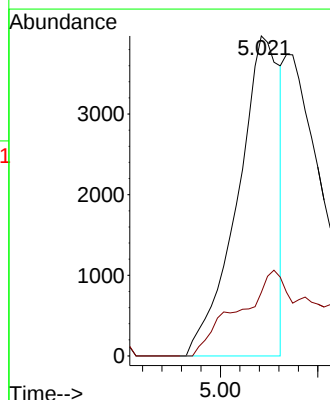
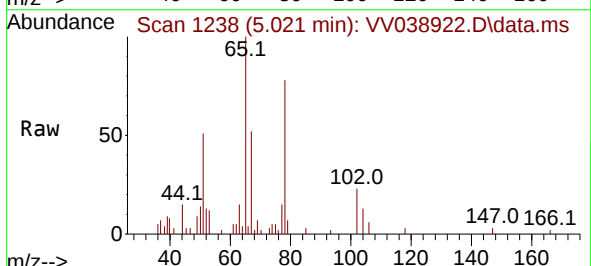
Acq: 18 Jul 2025 15:22

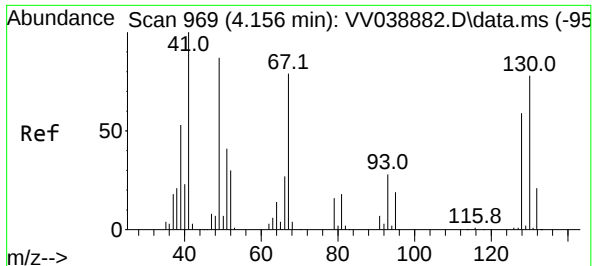
Tgt Ion: 78 Resp: 5947

Ion Ratio Lower Upper

78 100

77 19.8 18.6 28.0

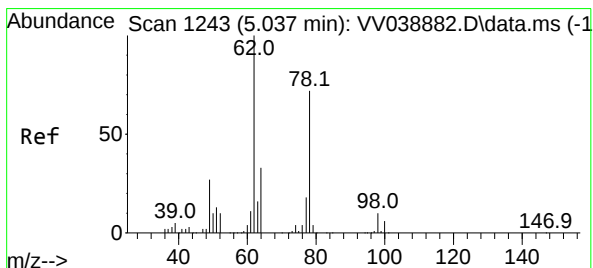
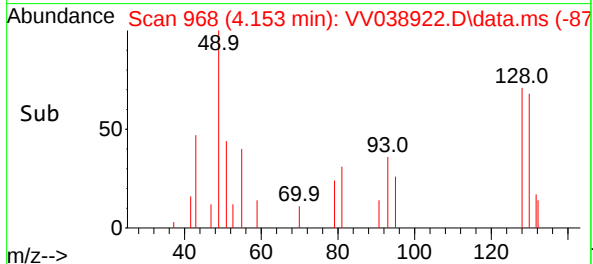
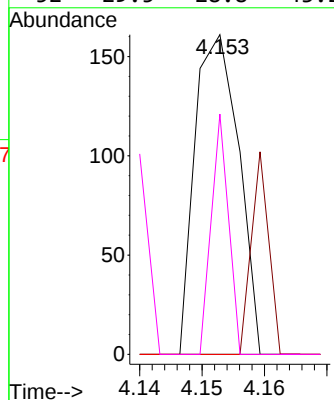
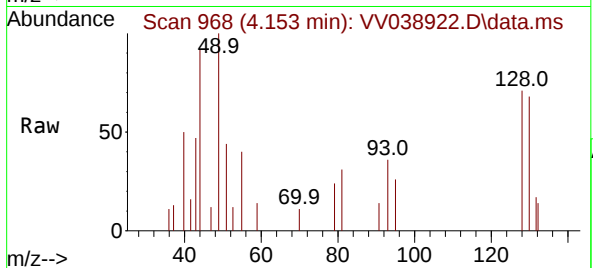




#41
Methacrylonitrile
Concen: 0.017 ug/l
RT: 4.153 min Scan# 91
Delta R.T. -0.003 min
Lab File: VV038922.D
Acq: 18 Jul 2025 15:22

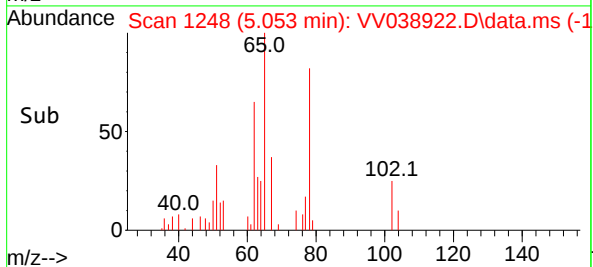
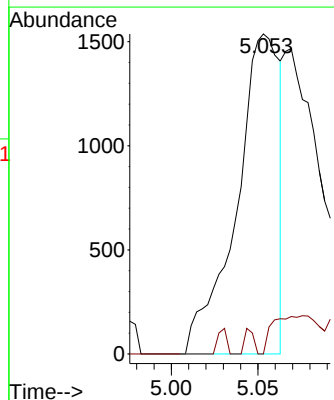
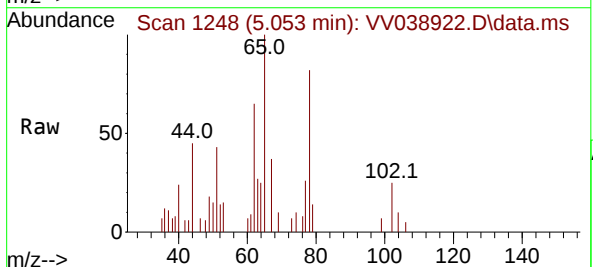
Instrument :
MSVOA_V
ClientSampleId :
MDL06

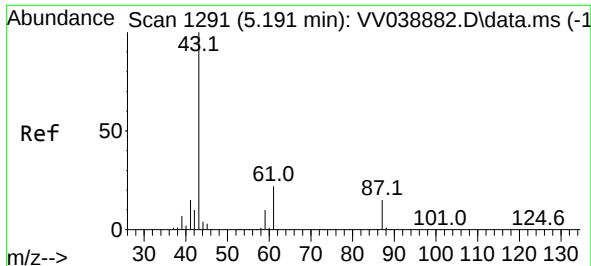
Tgt Ion:	41	Resp:	78
Ion	Ratio	Lower	Upper
41	100		
39	0.0	42.0	63.0#
67	0.0	76.2	114.2#
52	29.5	28.8	43.2



#42
1,2-Dichloroethane
Concen: 0.240 ug/l
RT: 5.053 min Scan# 1248
Delta R.T. 0.016 min
Lab File: VV038922.D
Acq: 18 Jul 2025 15:22

Tgt Ion:	62	Resp:	2657
Ion	Ratio	Lower	Upper
62	100		
98	1.6	0.0	18.8

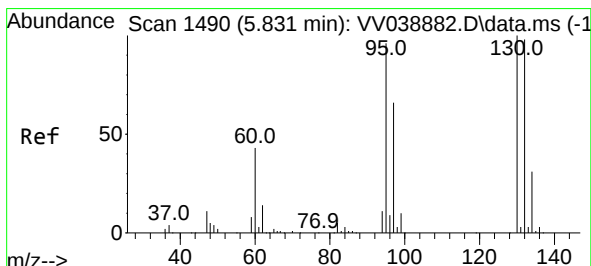
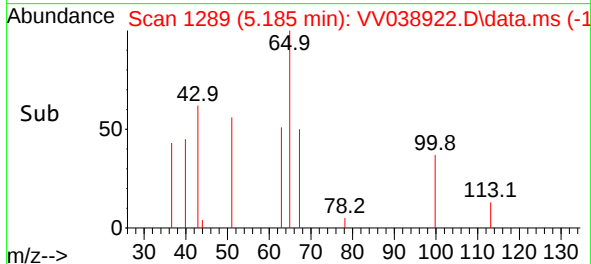
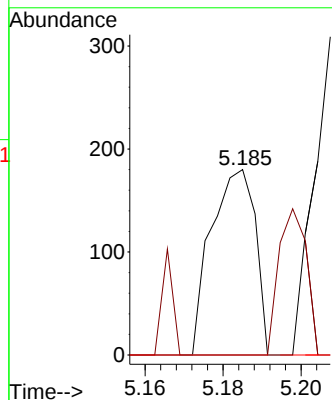
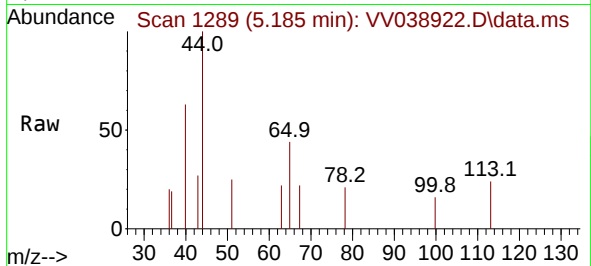




#43
Isopropyl Acetate
Concen: 0.009 ug/l
RT: 5.185 min Scan# 11
Delta R.T. -0.006 min
Lab File: VV038922.D
Acq: 18 Jul 2025 15:22

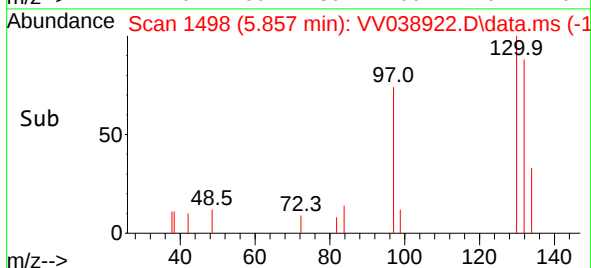
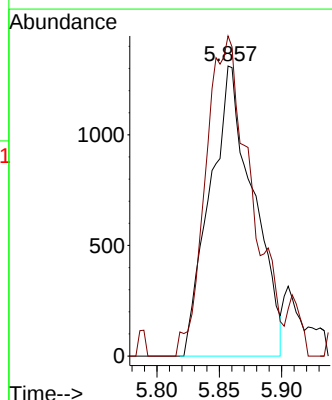
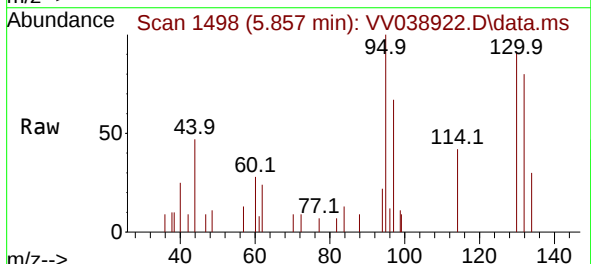
Instrument :
MSVOA_V
ClientSampleId :
MDL06

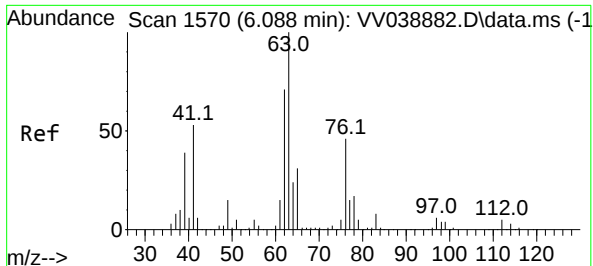
Tgt Ion: 43 Resp: 142
Ion Ratio Lower Upper
43 100
61 0.0 17.1 25.7#
87 0.0 12.2 18.4#



#44
Trichloroethene
Concen: 0.415 ug/l
RT: 5.857 min Scan# 1498
Delta R.T. 0.026 min
Lab File: VV038922.D
Acq: 18 Jul 2025 15:22

Tgt Ion:130 Resp: 3153
Ion Ratio Lower Upper
130 100
95 102.1 0.0 191.2





#45

1,2-Dichloropropane

Concen: 0.018 ug/l

RT: 6.072 min Scan# 1565

Delta R.T. -0.016 min

Lab File: VV038922.D

Acq: 18 Jul 2025 15:22

Instrument :

MSVOA_V

ClientSampleId :

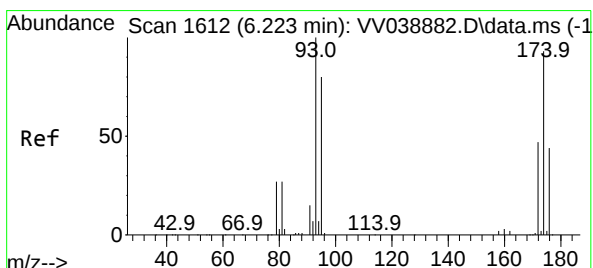
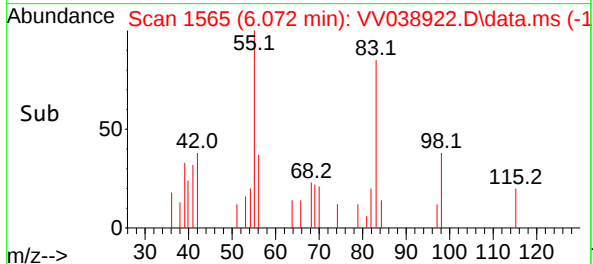
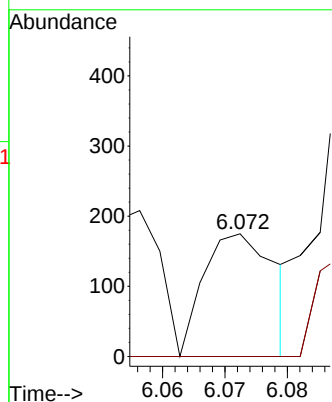
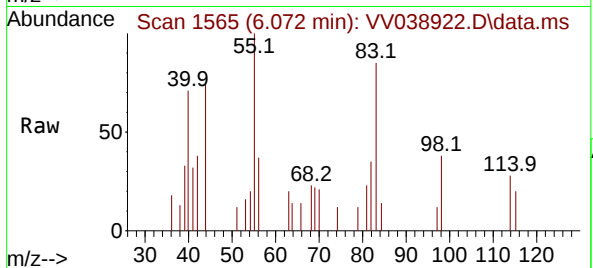
MDL06

Tgt Ion: 63 Resp: 139

Ion Ratio Lower Upper

63 100

65 0.0 24.9 37.3#



#46

Dibromomethane

Concen: 0.373 ug/l

RT: 6.259 min Scan# 1623

Delta R.T. 0.036 min

Lab File: VV038922.D

Acq: 18 Jul 2025 15:22

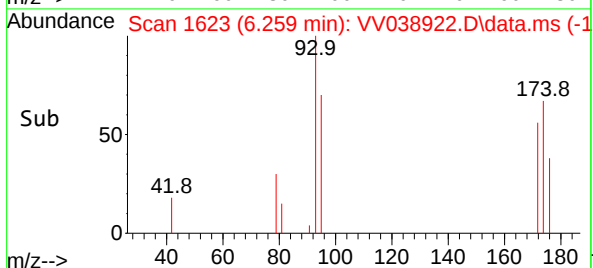
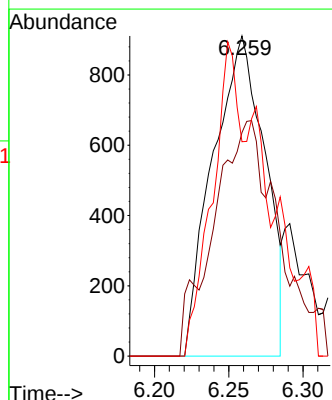
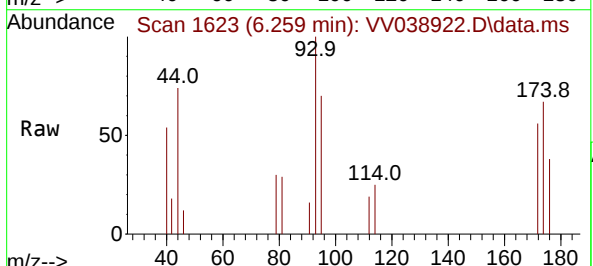
Tgt Ion: 93 Resp: 2220

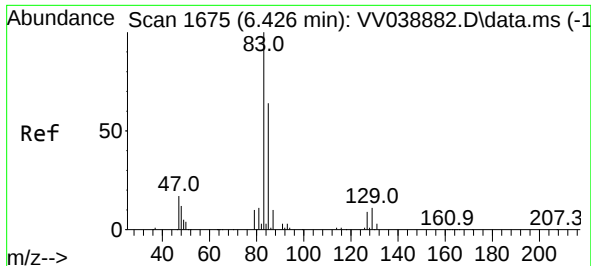
Ion Ratio Lower Upper

93 100

95 92.7 66.2 99.4

174 52.6 75.3 112.9#

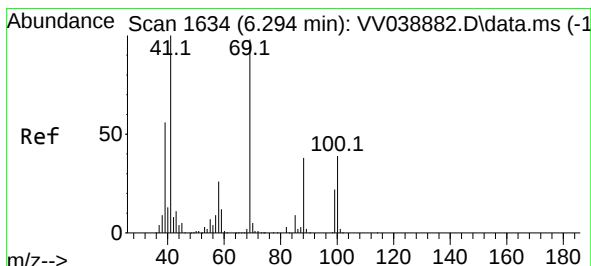
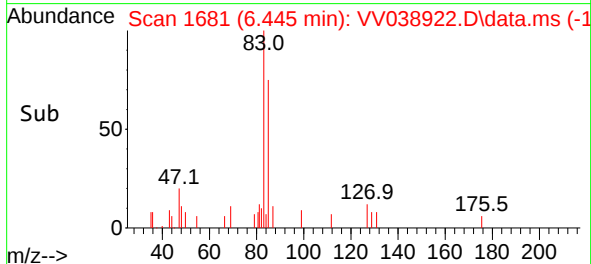
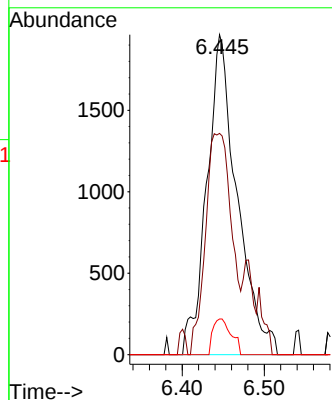
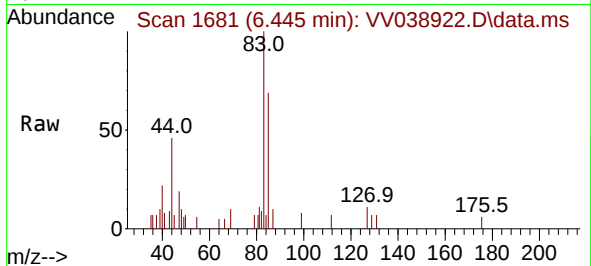




#47
Bromodichloromethane
Concen: 0.399 ug/l
RT: 6.445 min Scan# 1681
Delta R.T. 0.019 min
Lab File: VV038922.D
Acq: 18 Jul 2025 15:22

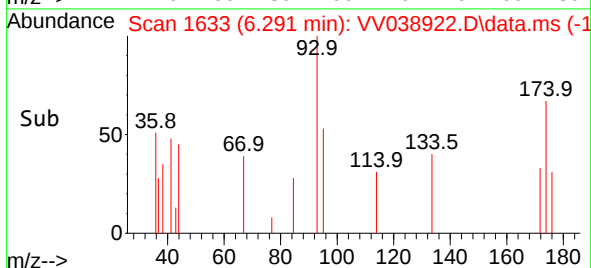
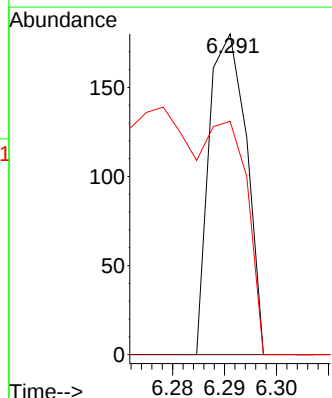
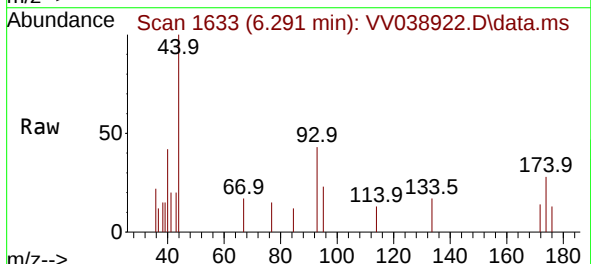
Instrument :
MSVOA_V
ClientSampleId :
MDL06

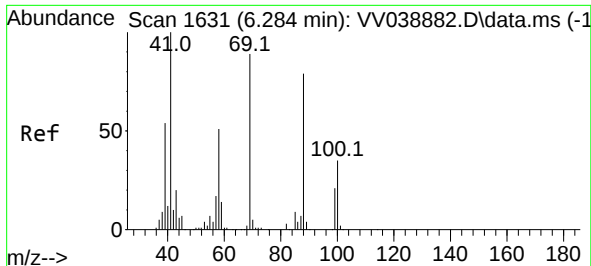
Tgt Ion: 83 Resp: 5032
Ion Ratio Lower Upper
83 100
85 69.1 51.4 77.0
127 11.2 6.9 10.3#



#48
Methyl methacrylate
Concen: 0.013 ug/l
RT: 6.291 min Scan# 1633
Delta R.T. -0.003 min
Lab File: VV038922.D
Acq: 18 Jul 2025 15:22

Tgt Ion: 41 Resp: 89
Ion Ratio Lower Upper
41 100
69 0.0 79.4 119.2#
39 160.7 44.0 66.0#





#49

1,4-Dioxane

Concen: 0.991 ug/l

RT: 6.278 min Scan# 1

Delta R.T. -0.006 min

Lab File: VV038922.D

Acq: 18 Jul 2025 15:22

Instrument :

MSVOA_V

ClientSampleId :

MDL06

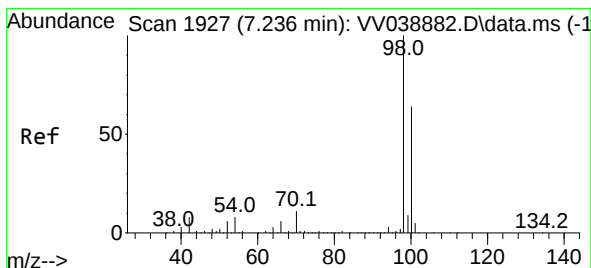
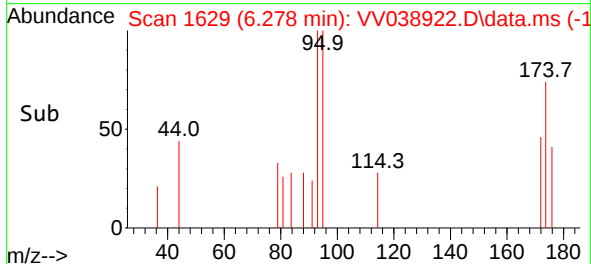
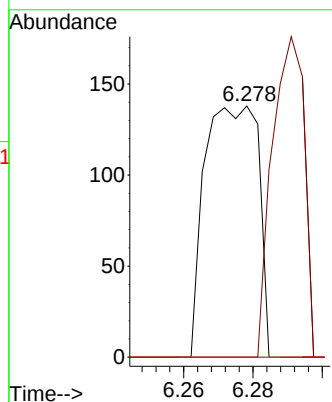
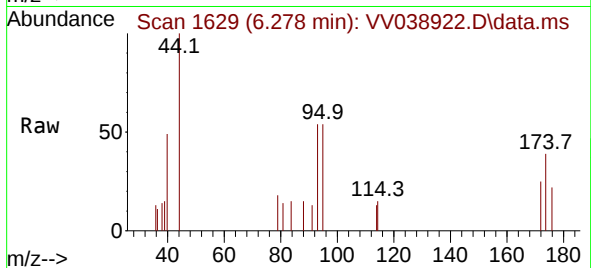
Tgt Ion: 88 Resp: 148

Ion Ratio Lower Upper

88 100

43 76.4 23.0 34.4#

58 0.0 53.8 80.6#



#50

Toluene-d8

Concen: 52.143 ug/l

RT: 7.236 min Scan# 1927

Delta R.T. 0.000 min

Lab File: VV038922.D

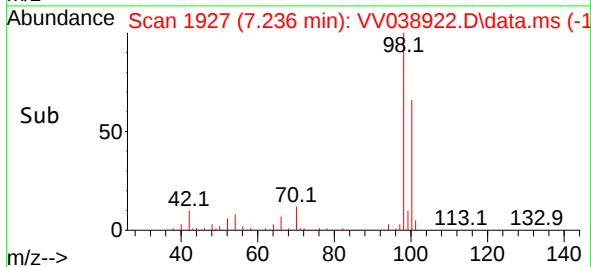
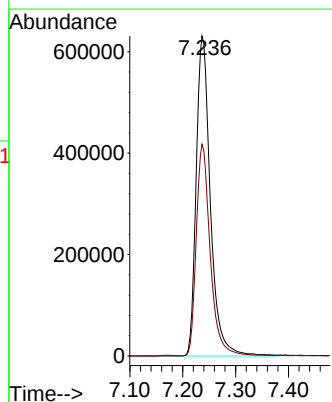
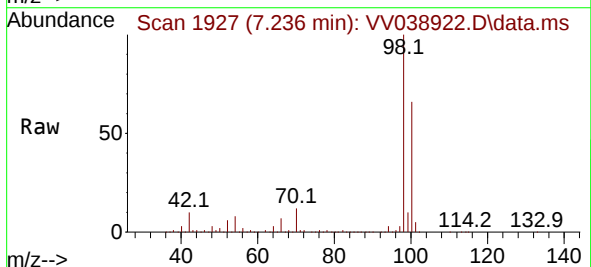
Acq: 18 Jul 2025 15:22

Tgt Ion: 98 Resp: 1176636

Ion Ratio Lower Upper

98 100

100 65.1 52.9 79.3

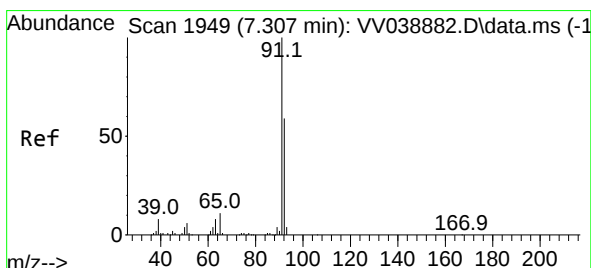
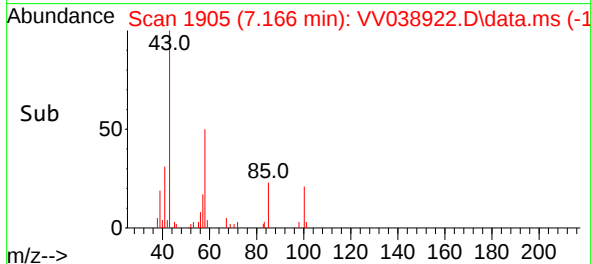
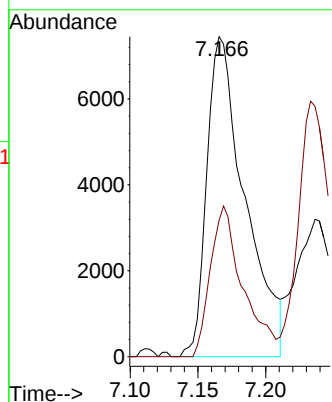
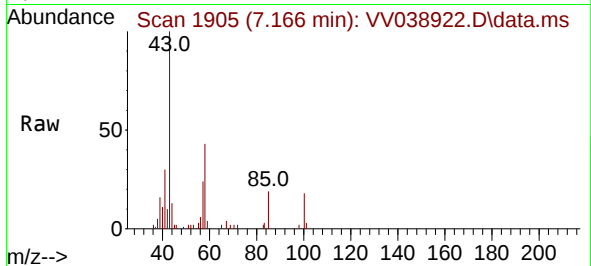




#51
4-Methyl-2-Pentanone
Concen: 1.339 ug/l
RT: 7.166 min Scan# 1905
Delta R.T. 0.019 min
Lab File: VV038922.D
Acq: 18 Jul 2025 15:22

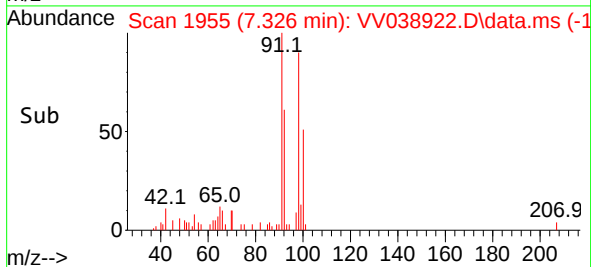
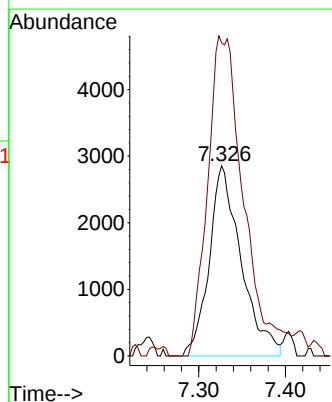
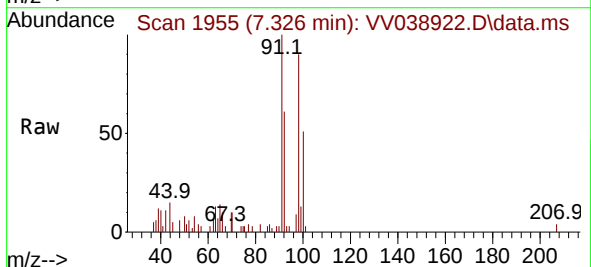
Instrument : MSVOA_V
ClientSampleId : MDL06

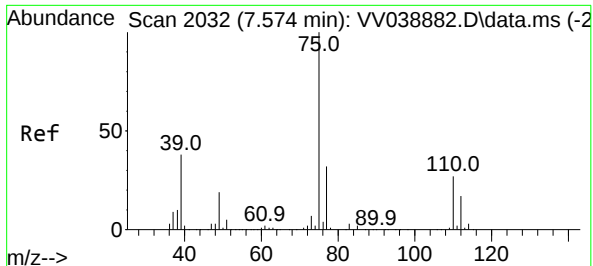
Tgt Ion: 43 Resp: 14568
Ion Ratio Lower Upper
43 100
58 40.1 34.5 51.7



#52
Toluene
Concen: 0.400 ug/l
RT: 7.326 min Scan# 1955
Delta R.T. 0.019 min
Lab File: VV038922.D
Acq: 18 Jul 2025 15:22

Tgt Ion: 92 Resp: 7329
Ion Ratio Lower Upper
92 100
91 189.2 137.1 205.7





#53

t-1,3-Dichloropropene

Concen: 0.298 ug/l

RT: 7.616 min Scan# 2032

Delta R.T. 0.042 min

Lab File: VV038922.D

Acq: 18 Jul 2025 15:22

Instrument :

MSVOA_V

ClientSampleId :

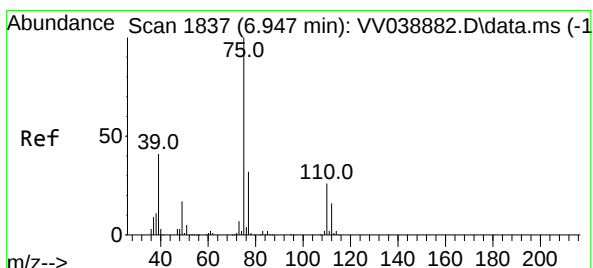
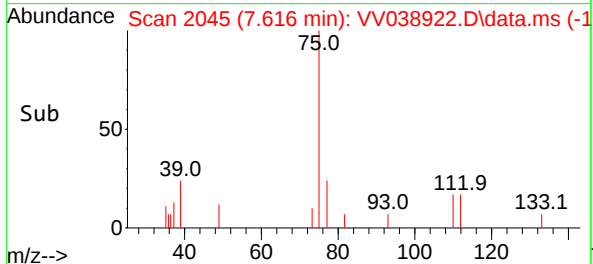
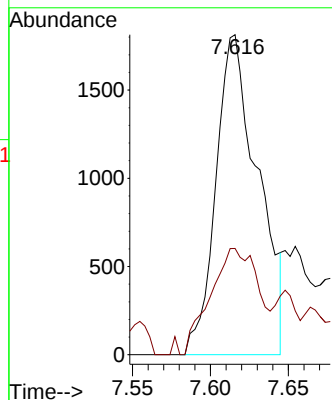
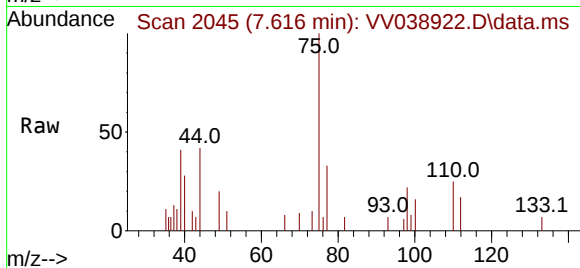
MDL06

Tgt Ion: 75 Resp: 3406

Ion Ratio Lower Upper

75 100

77 33.2 26.0 39.0



#54

cis-1,3-Dichloropropene

Concen: 0.251 ug/l

RT: 6.979 min Scan# 1847

Delta R.T. 0.032 min

Lab File: VV038922.D

Acq: 18 Jul 2025 15:22

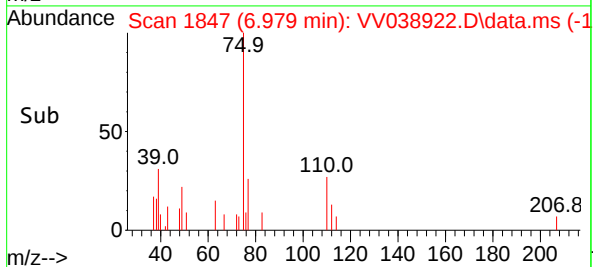
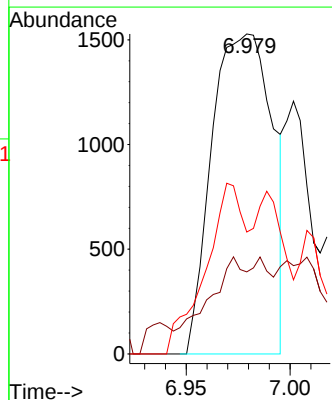
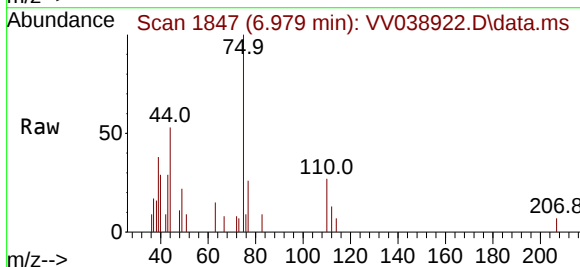
Tgt Ion: 75 Resp: 3096

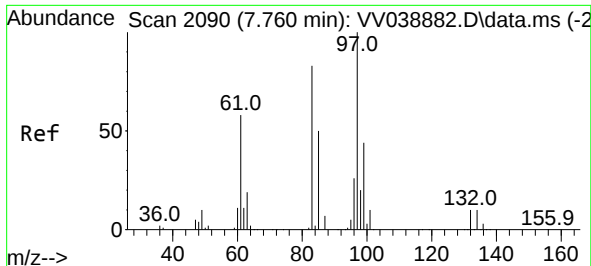
Ion Ratio Lower Upper

75 100

77 17.5 25.5 38.3#

39 26.6 33.1 49.7#





#55

1,1,2-Trichloroethane

Concen: 0.393 ug/l

RT: 7.780 min Scan# 2090

Delta R.T. 0.019 min

Lab File: VV038922.D

Acq: 18 Jul 2025 15:22

Instrument :

MSVOA_V

ClientSampleId :

MDL06

Tgt Ion: 97 Resp: 3444

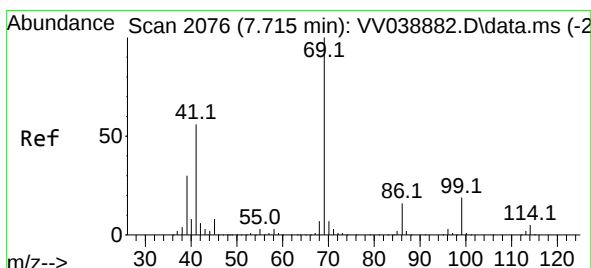
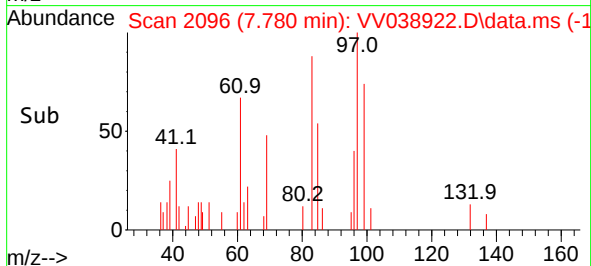
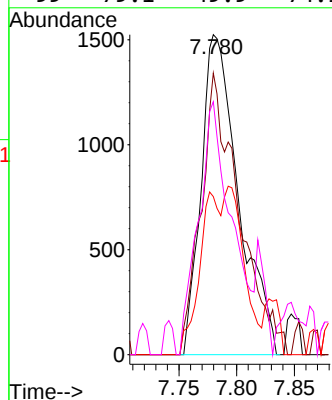
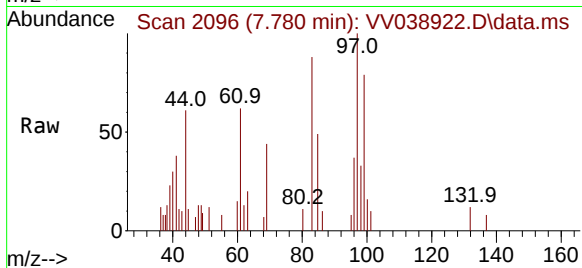
Ion Ratio Lower Upper

97 100

83 88.0 66.2 99.4

85 49.4 41.4 62.2

99 79.1 49.9 74.9#



#56

Ethyl methacrylate

Concen: 0.065 ug/l

RT: 7.754 min Scan# 2088

Delta R.T. 0.039 min

Lab File: VV038922.D

Acq: 18 Jul 2025 15:22

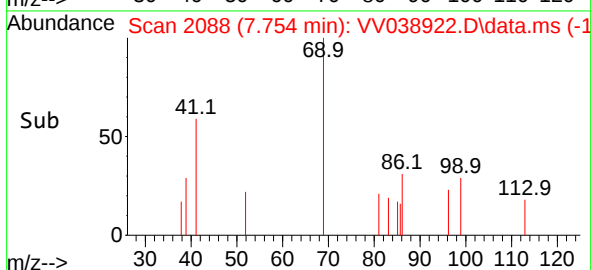
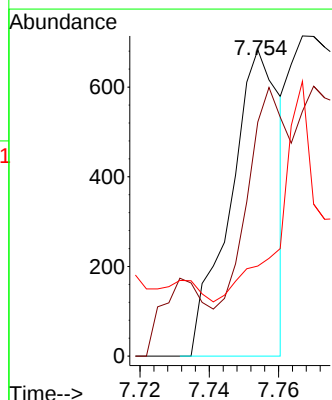
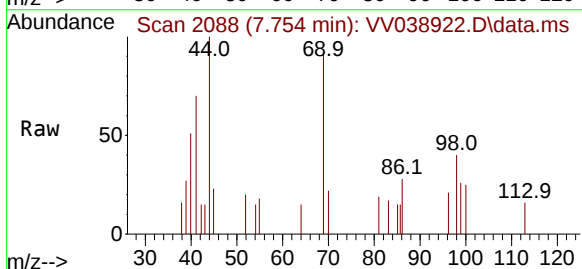
Tgt Ion: 69 Resp: 677

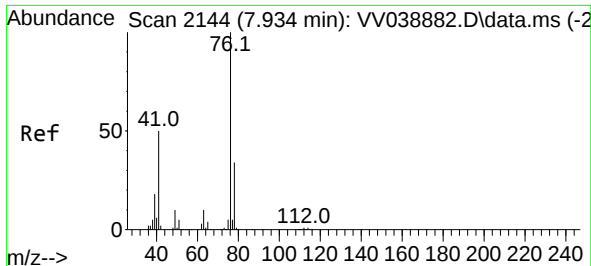
Ion Ratio Lower Upper

69 100

41 59.1 45.7 68.5

39 48.9 23.8 35.8#

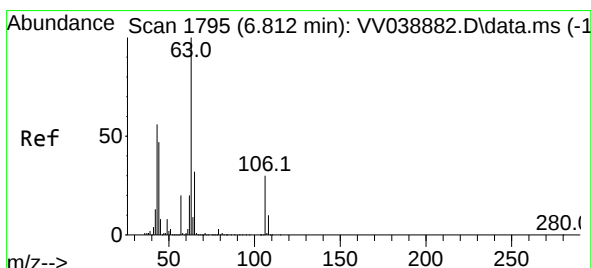
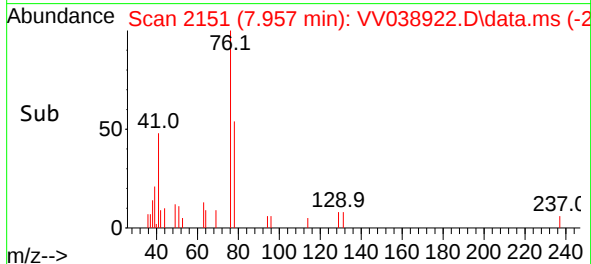
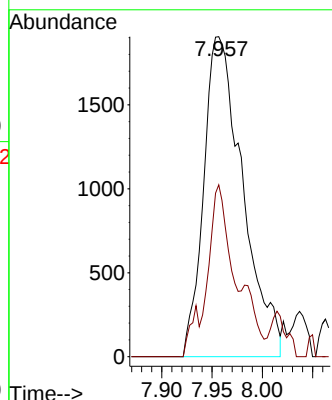
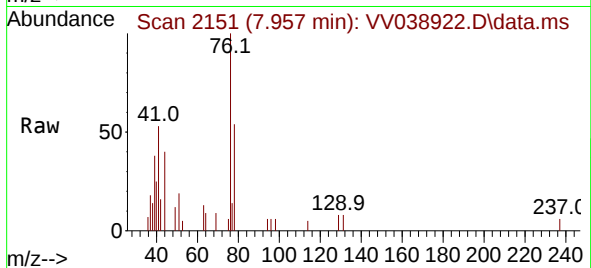




#57
1,3-Dichloropropane
Concen: 0.392 ug/l
RT: 7.957 min Scan# 2144
Delta R.T. 0.023 min
Lab File: VV038922.D
Acq: 18 Jul 2025 15:22

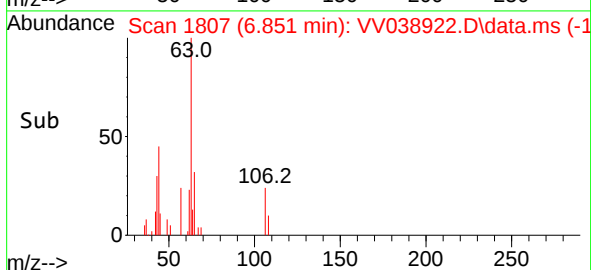
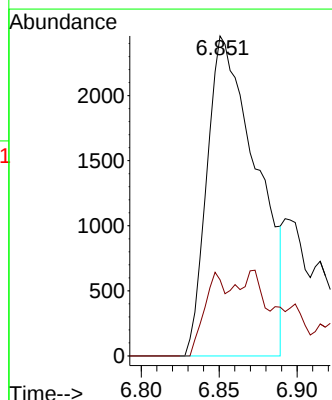
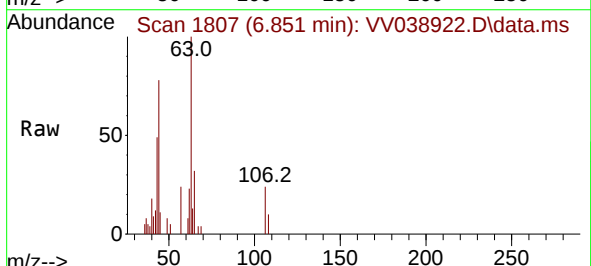
Instrument :
MSVOA_V
ClientSampleId :
MDL06

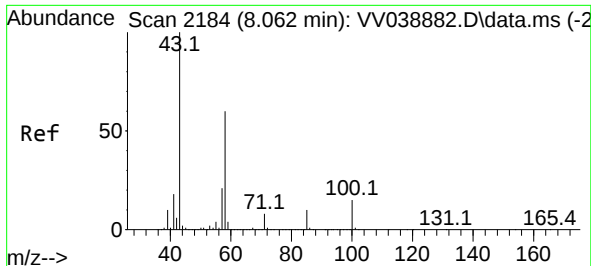
Tgt Ion: 76 Resp: 5149
Ion Ratio Lower Upper
76 100
78 21.6 26.8 40.2#



#58
2-Chloroethyl Vinyl ether
Concen: 0.866 ug/l
RT: 6.851 min Scan# 1807
Delta R.T. 0.039 min
Lab File: VV038922.D
Acq: 18 Jul 2025 15:22

Tgt Ion: 63 Resp: 5441
Ion Ratio Lower Upper
63 100
106 12.3 24.1 36.1#





#59

2-Hexanone

Concen: 0.091 ug/l

RT: 8.268 min Scan# 21

Delta R.T. 0.206 min

Lab File: VV038922.D

Acq: 18 Jul 2025 15:22

Instrument :

MSVOA_V

ClientSampleId :

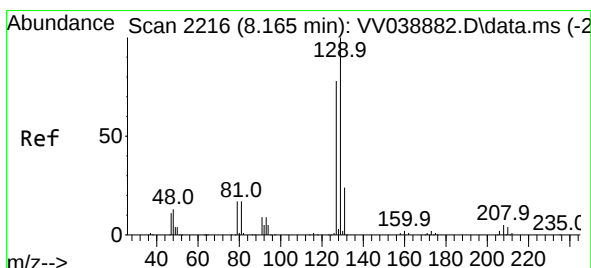
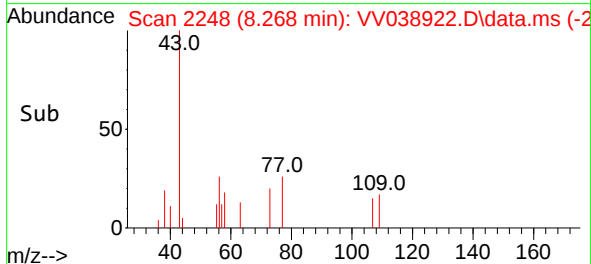
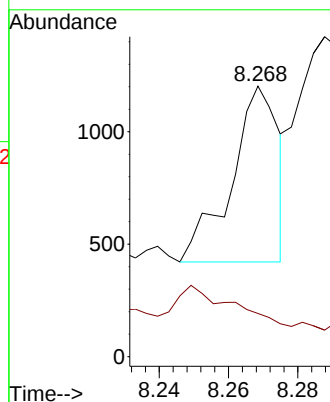
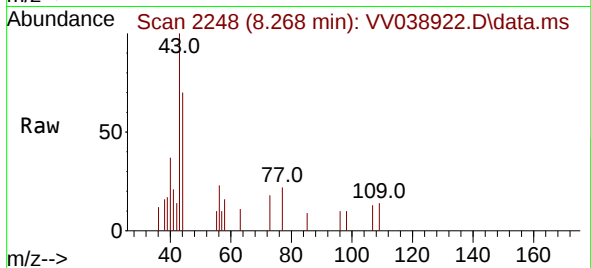
MDL06

Tgt Ion: 43 Resp: 737

Ion Ratio Lower Upper

43 100

58 87.4 29.6 88.8



#60

Dibromochloromethane

Concen: 0.357 ug/l

RT: 8.175 min Scan# 2219

Delta R.T. 0.010 min

Lab File: VV038922.D

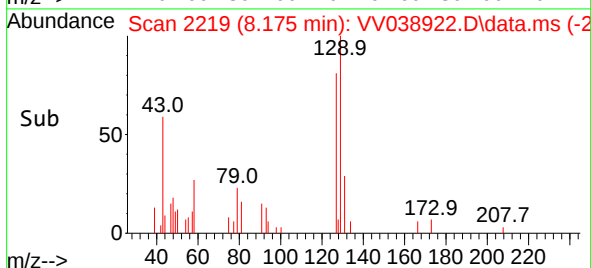
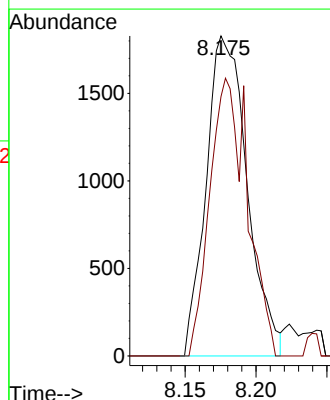
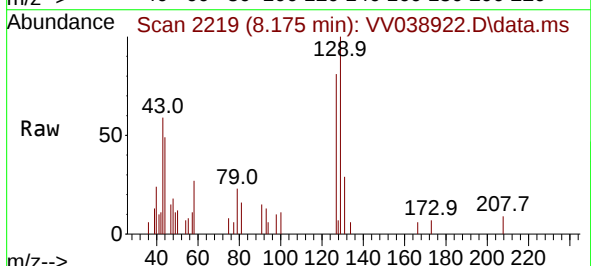
Acq: 18 Jul 2025 15:22

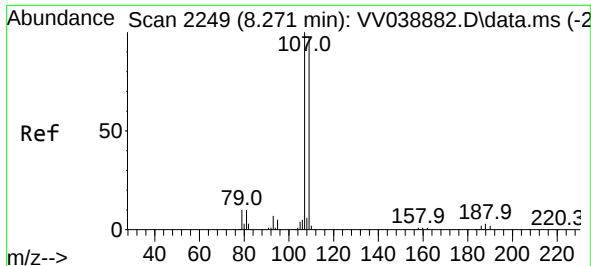
Tgt Ion:129 Resp: 3682

Ion Ratio Lower Upper

129 100

127 80.0 39.4 118.2





#61

1,2-Dibromoethane

Concen: 0.186 ug/l

RT: 8.288 min Scan# 21

Delta R.T. 0.016 min

Lab File: VV038922.D

Acq: 18 Jul 2025 15:22

Instrument :

MSVOA_V

ClientSampleId :

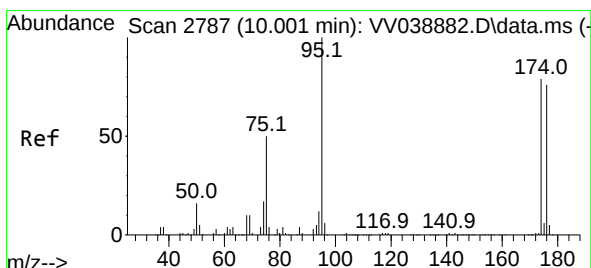
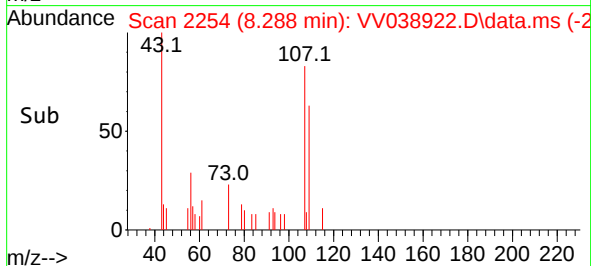
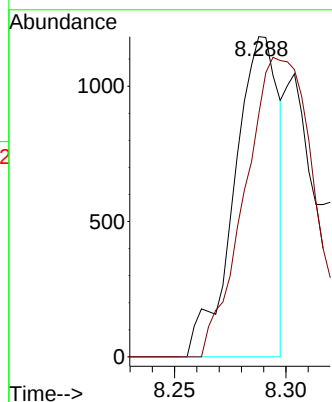
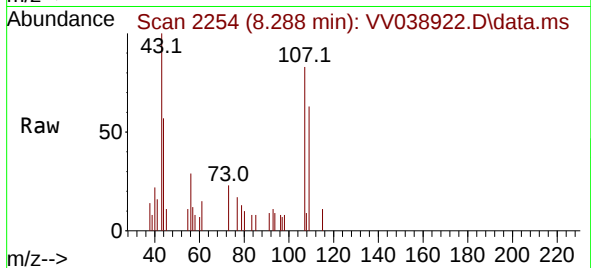
MDL06

Tgt Ion:107 Resp: 1640

Ion Ratio Lower Upper

107 100

109 143.7 77.1 115.7#



#62

4-Bromofluorobenzene

Concen: 49.642 ug/l

RT: 10.002 min Scan# 2787

Delta R.T. 0.000 min

Lab File: VV038922.D

Acq: 18 Jul 2025 15:22

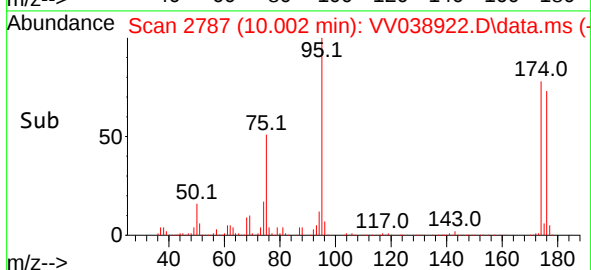
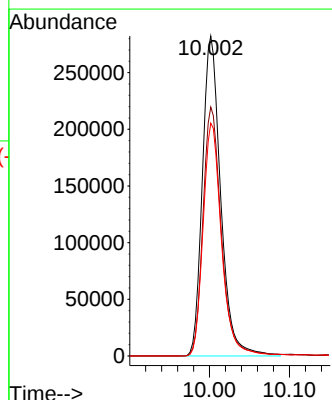
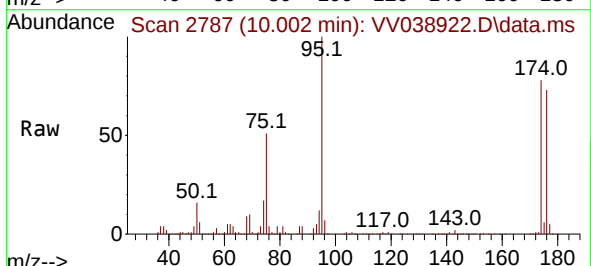
Tgt Ion: 95 Resp: 451258

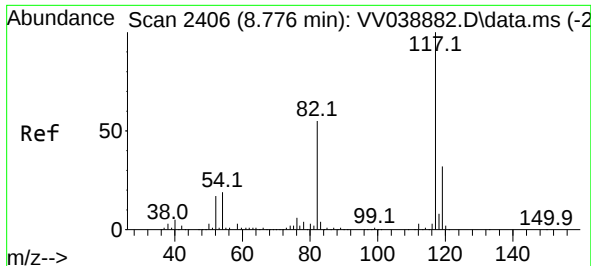
Ion Ratio Lower Upper

95 100

174 78.3 0.0 160.0

176 73.0 0.0 152.2

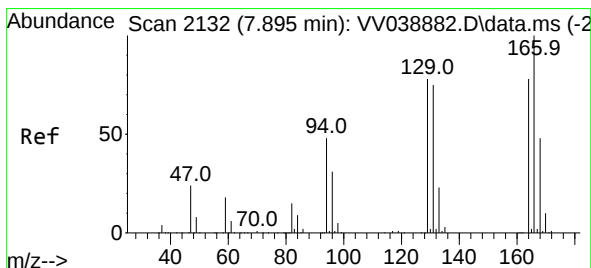
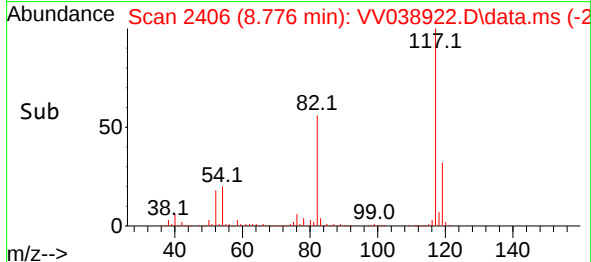
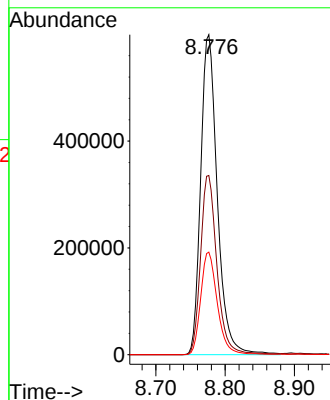
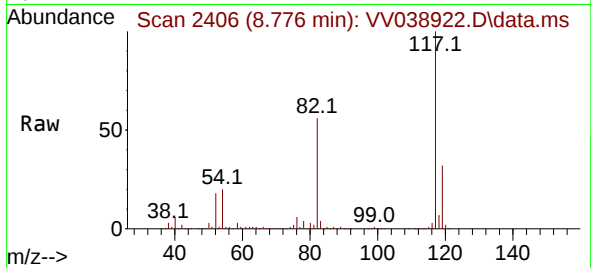




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.776 min Scan# 2406
Delta R.T. 0.000 min
Lab File: VV038922.D
Acq: 18 Jul 2025 15:22

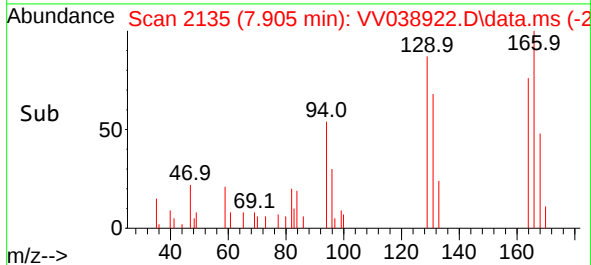
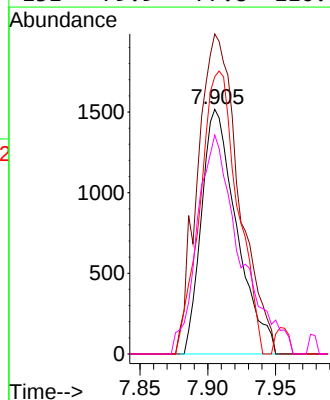
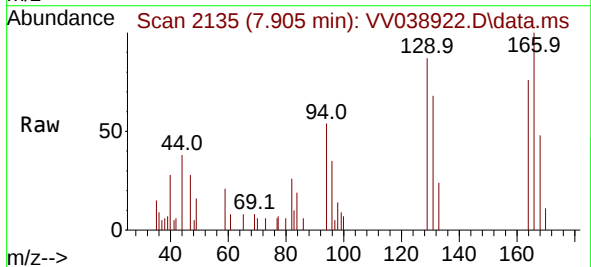
Instrument :
MSVOA_V
ClientSampleId :
MDL06

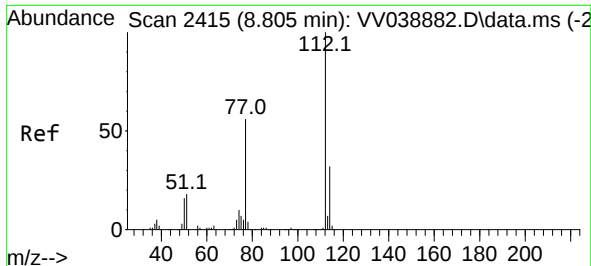
Tgt Ion:117 Resp: 1001798
Ion Ratio Lower Upper
117 100
82 56.0 43.7 65.5
119 32.0 25.4 38.0



#64
Tetrachloroethene
Concen: 0.417 ug/l
RT: 7.905 min Scan# 2135
Delta R.T. 0.010 min
Lab File: VV038922.D
Acq: 18 Jul 2025 15:22

Tgt Ion:164 Resp: 2740
Ion Ratio Lower Upper
164 100
166 130.8 103.2 154.8
129 104.9 81.0 121.4
131 79.9 77.8 116.8

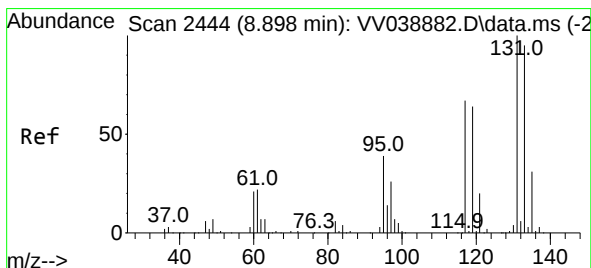
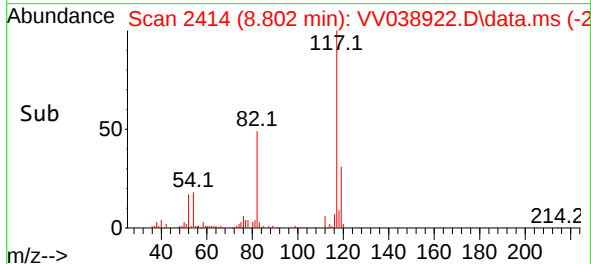
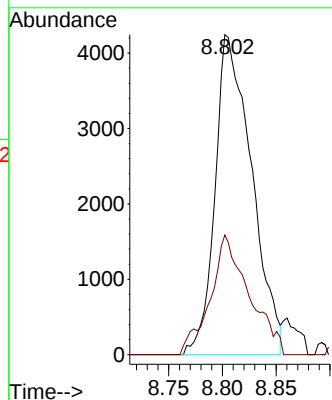
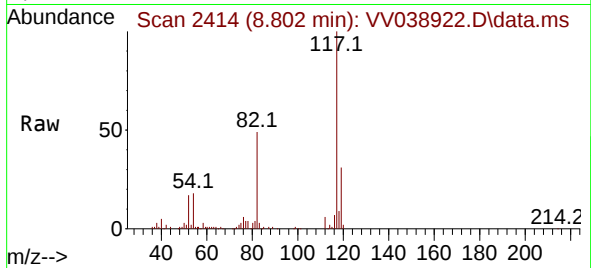




#65
Chlorobenzene
Concen: 0.457 ug/l
RT: 8.802 min Scan# 2415
Delta R.T. -0.003 min
Lab File: VV038922.D
Acq: 18 Jul 2025 15:22

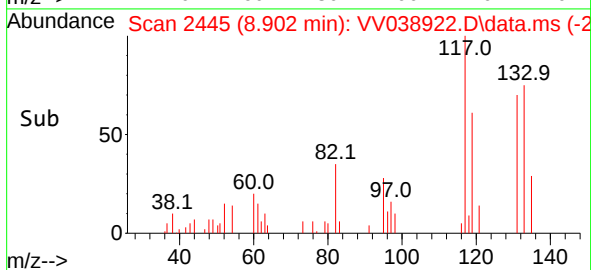
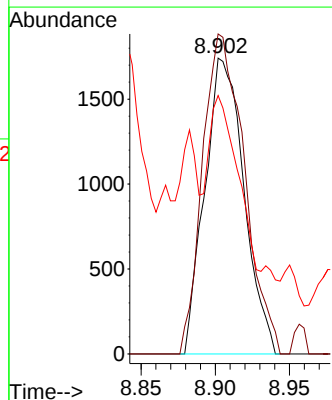
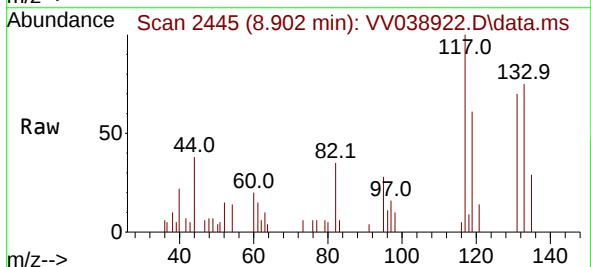
Instrument :
MSVOA_V
ClientSampleId :
MDL06

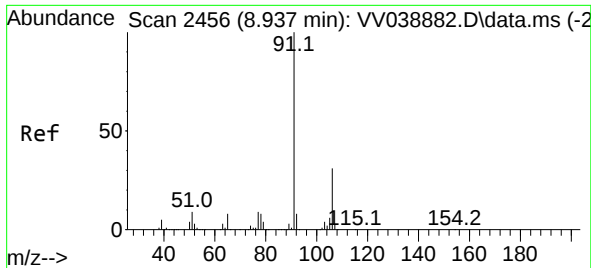
Tgt Ion:112 Resp: 10012
Ion Ratio Lower Upper
112 100
114 37.4 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 0.365 ug/l
RT: 8.902 min Scan# 2445
Delta R.T. 0.003 min
Lab File: VV038922.D
Acq: 18 Jul 2025 15:22

Tgt Ion:131 Resp: 3185
Ion Ratio Lower Upper
131 100
133 115.4 47.6 142.9
119 0.0 32.0 96.2#

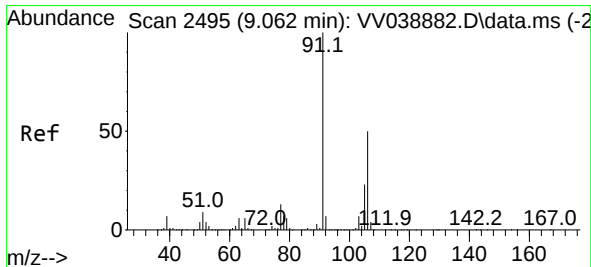
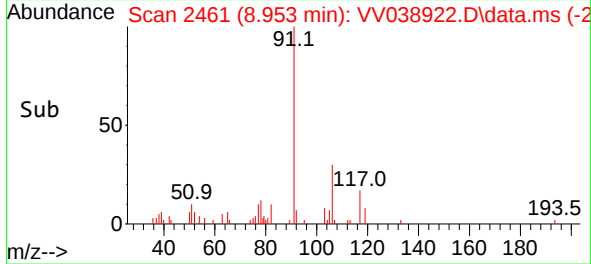
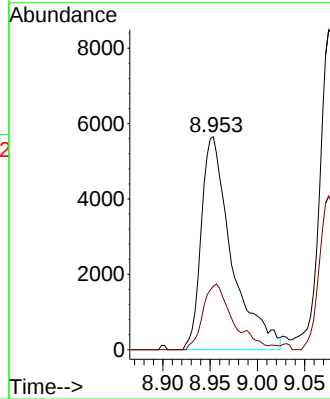
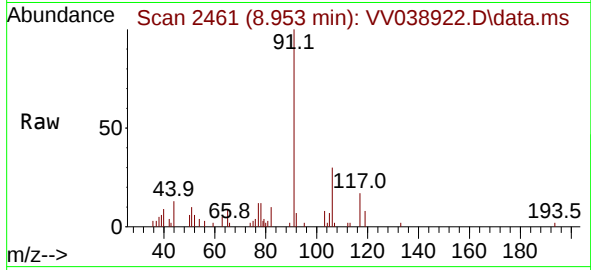




#67
Ethyl Benzene
Concen: 0.388 ug/l
RT: 8.953 min Scan# 2461
Delta R.T. 0.016 min
Lab File: VV038922.D
Acq: 18 Jul 2025 15:22

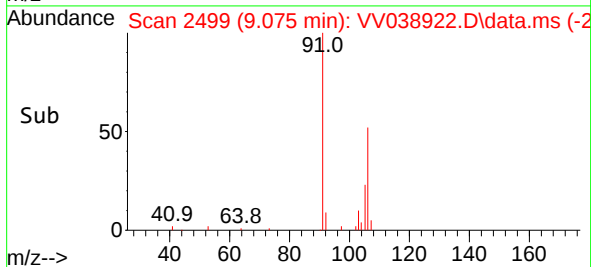
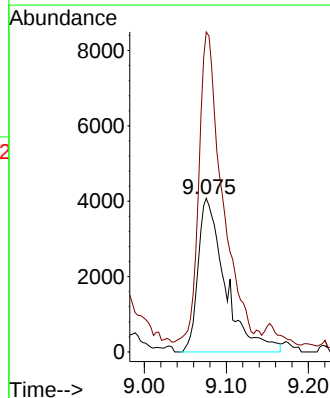
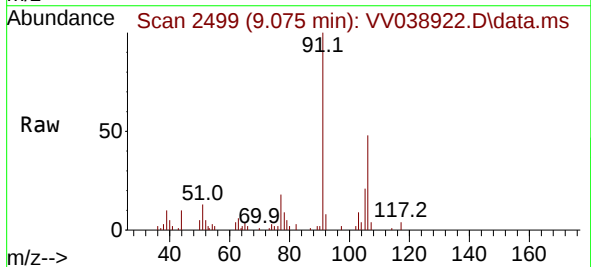
Instrument :
MSVOA_V
ClientSampleId :
MDL06

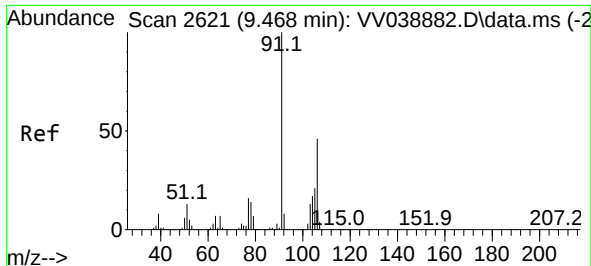
Tgt Ion: 91 Resp: 12620
Ion Ratio Lower Upper
91 100
106 29.7 24.8 37.2



#68
m/p-Xylenes
Concen: 0.742 ug/l
RT: 9.075 min Scan# 2499
Delta R.T. 0.013 min
Lab File: VV038922.D
Acq: 18 Jul 2025 15:22

Tgt Ion: 106 Resp: 9386
Ion Ratio Lower Upper
106 100
91 181.6 161.0 241.6

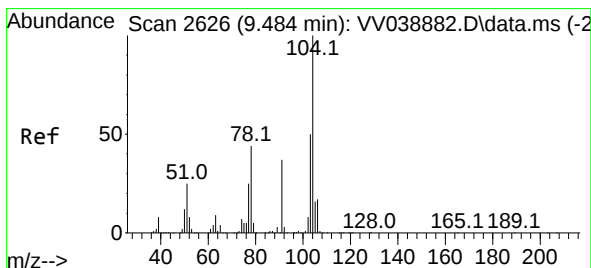
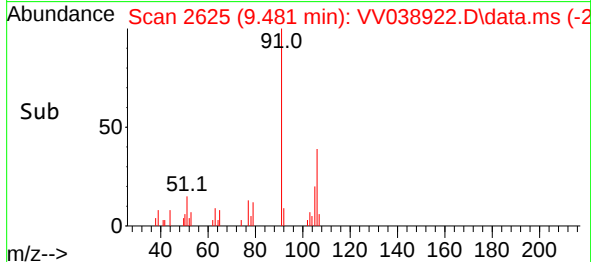
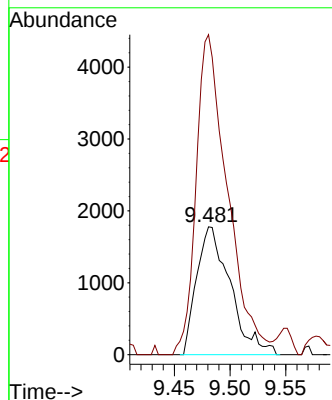
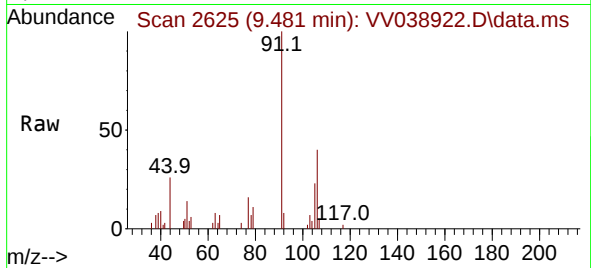




#69
o-Xylene
Concen: 0.311 ug/l
RT: 9.481 min Scan# 2625
Delta R.T. 0.013 min
Lab File: VV038922.D
Acq: 18 Jul 2025 15:22

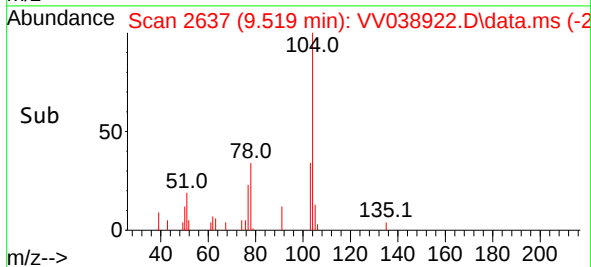
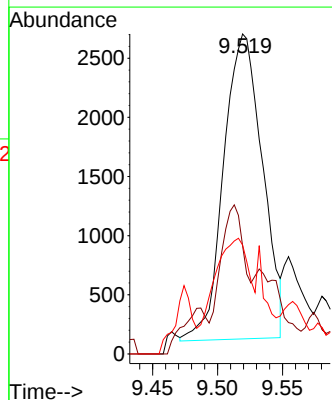
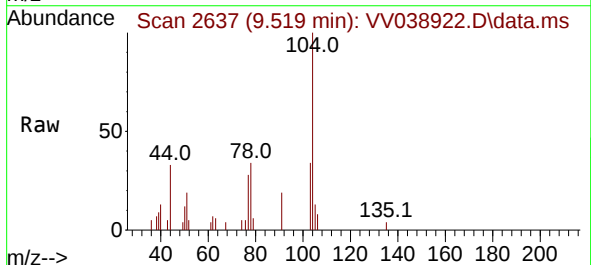
Instrument :
MSVOA_V
ClientSampleId :
MDL06

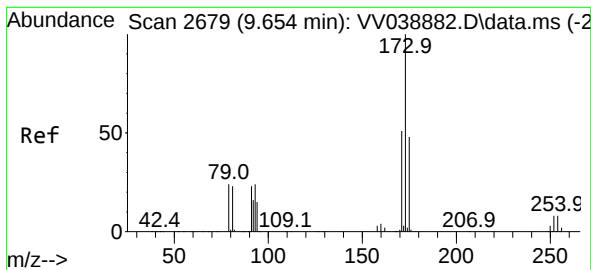
Tgt Ion:106 Resp: 3720
Ion Ratio Lower Upper
106 100
91 233.4 108.9 326.6



#70
Styrene
Concen: 0.253 ug/l
RT: 9.519 min Scan# 2637
Delta R.T. 0.036 min
Lab File: VV038922.D
Acq: 18 Jul 2025 15:22

Tgt Ion:104 Resp: 5340
Ion Ratio Lower Upper
104 100
78 22.0 39.9 59.9#
103 24.6 43.4 65.2#





#71

Bromoform

Concen: 0.398 ug/l

RT: 9.664 min Scan# 2

Delta R.T. 0.010 min

Lab File: VV038922.D

Acq: 18 Jul 2025 15:22

Instrument :

MSVOA_V

ClientSampleId :

MDL06

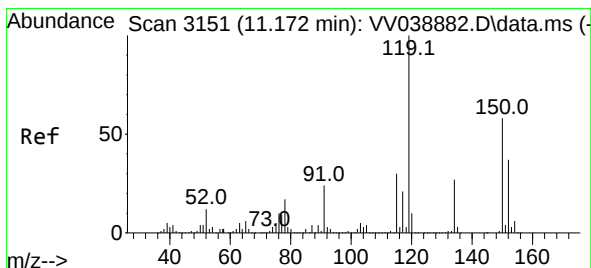
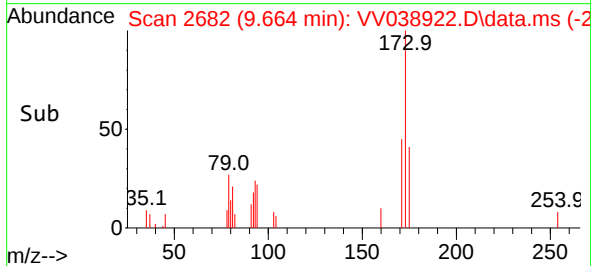
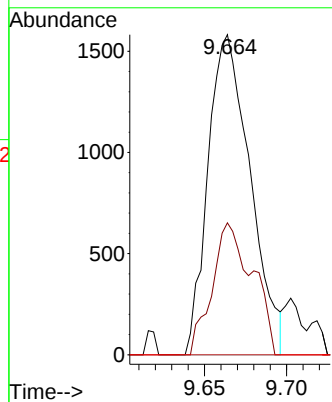
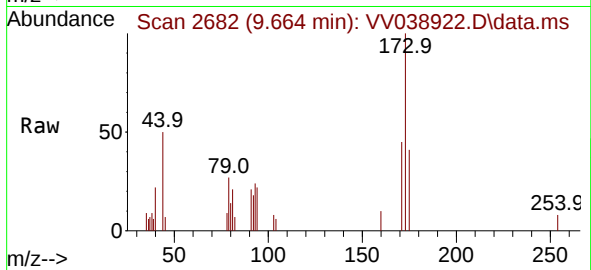
Tgt Ion:173 Resp: 2827

Ion Ratio Lower Upper

173 100

175 39.3 23.5 70.6

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.175 min Scan# 3152

Delta R.T. 0.003 min

Lab File: VV038922.D

Acq: 18 Jul 2025 15:22

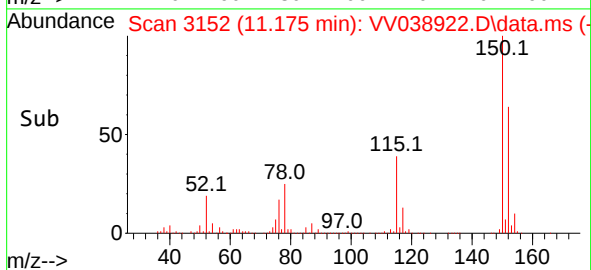
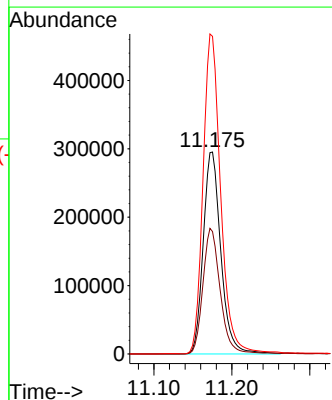
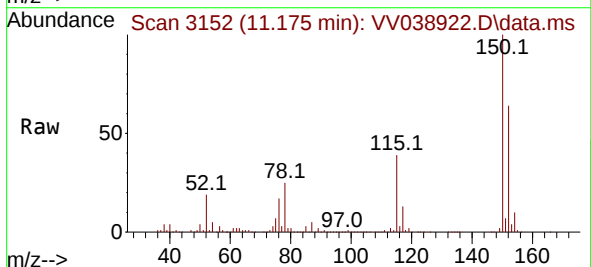
Tgt Ion:152 Resp: 464346

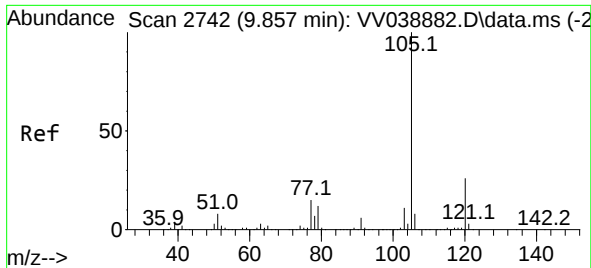
Ion Ratio Lower Upper

152 100

115 60.6 41.8 125.4

150 158.3 0.0 342.4

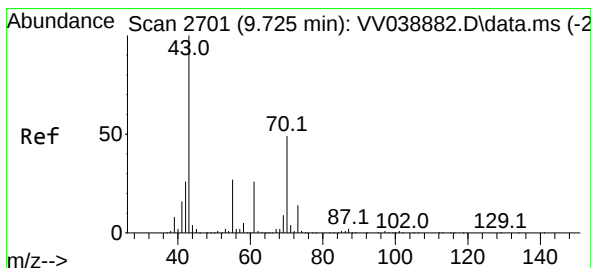
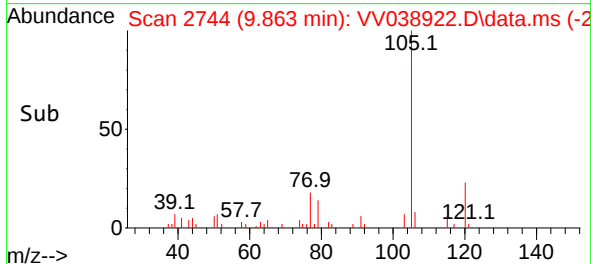
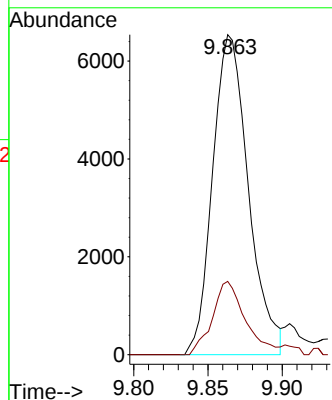
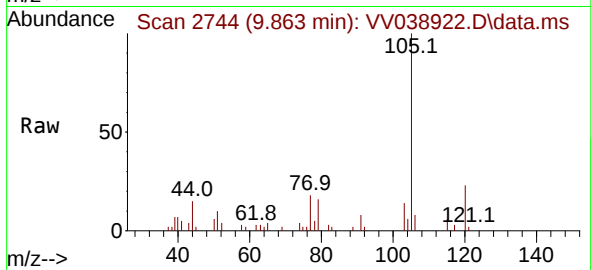




#73
Isopropylbenzene
Concen: 0.395 ug/l
RT: 9.863 min Scan# 21
Delta R.T. 0.007 min
Lab File: VV038922.D
Acq: 18 Jul 2025 15:22

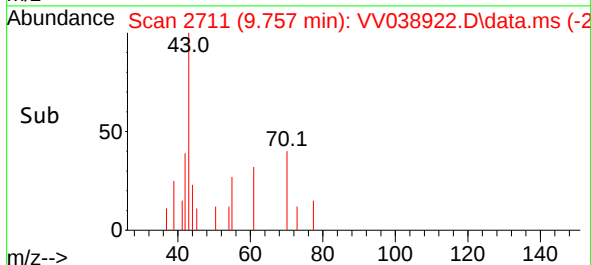
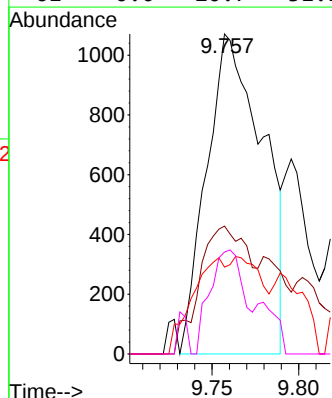
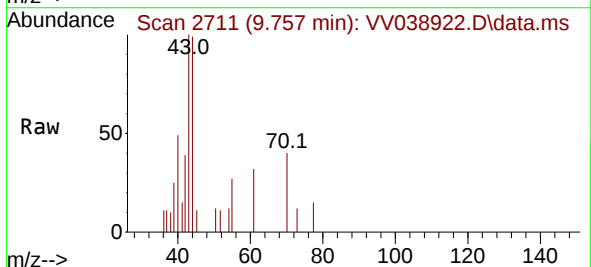
Instrument :
MSVOA_V
ClientSampleId :
MDL06

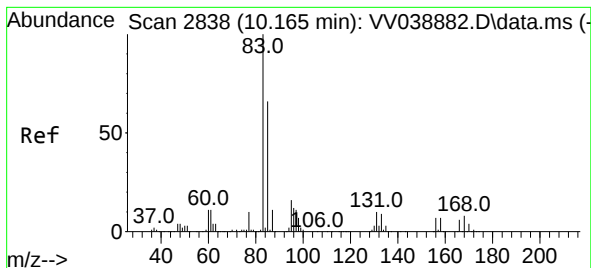
Tgt Ion:105 Resp: 10950
Ion Ratio Lower Upper
105 100
120 21.0 12.9 38.7



#74
N-ethyl acetate
Concen: 0.238 ug/l
RT: 9.757 min Scan# 2711
Delta R.T. 0.032 min
Lab File: VV038922.D
Acq: 18 Jul 2025 15:22

Tgt Ion: 43 Resp: 2422
Ion Ratio Lower Upper
43 100
70 36.1 38.6 58.0#
55 17.6 21.8 32.8#
61 0.0 20.7 31.1#





#75

1,1,2,2-Tetrachloroethane

Concen: 0.407 ug/l

RT: 10.175 min Scan# 21

Delta R.T. 0.010 min

Lab File: VV038922.D

Acq: 18 Jul 2025 15:22

Instrument :

MSVOA_V

ClientSampleId :

MDL06

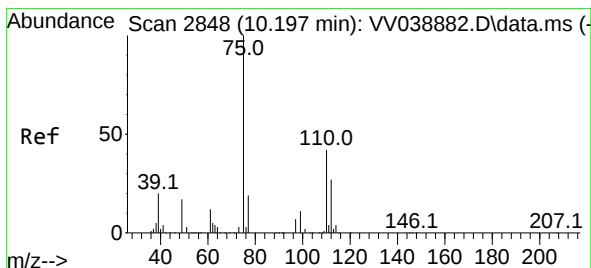
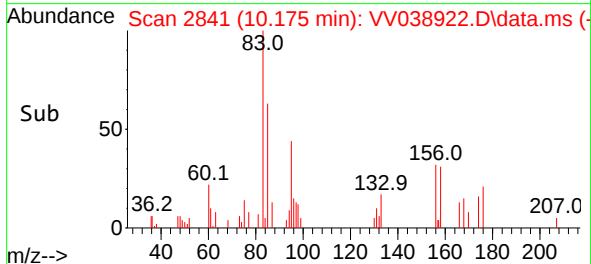
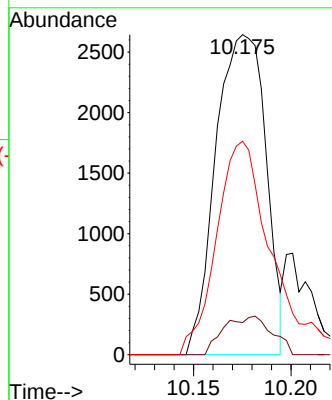
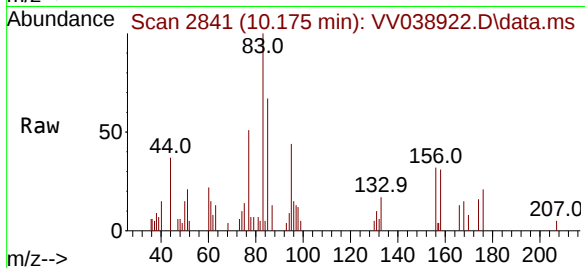
Tgt Ion: 83 Resp: 4729

Ion Ratio Lower Upper

83 100

131 11.6 5.1 15.4

85 73.4 32.6 97.7



#76

1,2,3-Trichloropropane

Concen: 26.437 ug/l

RT: 10.002 min Scan# 2787

Delta R.T. -0.196 min

Lab File: VV038922.D

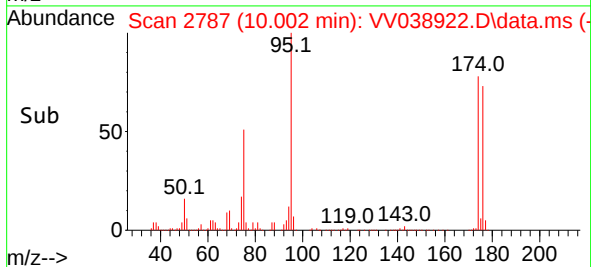
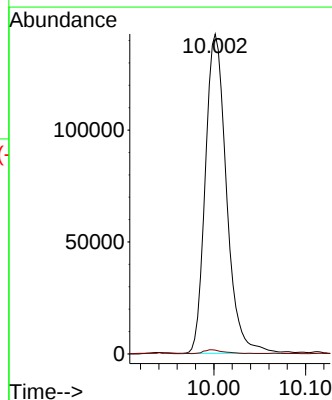
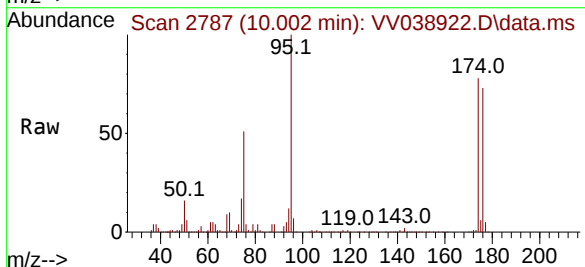
Acq: 18 Jul 2025 15:22

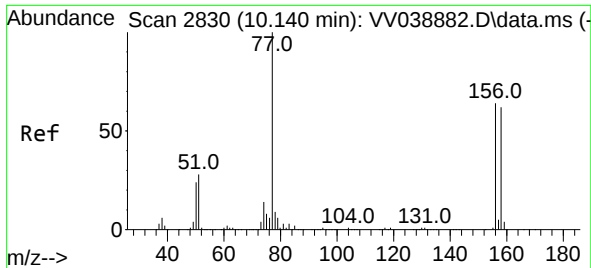
Tgt Ion: 75 Resp: 228237

Ion Ratio Lower Upper

75 100

77 1.2 17.4 52.3#

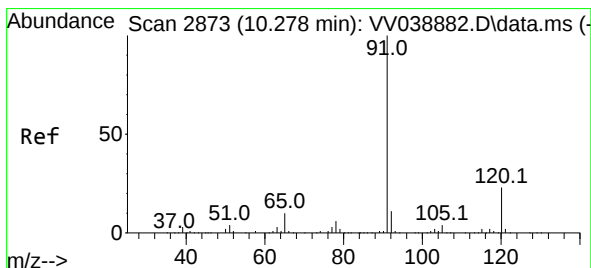
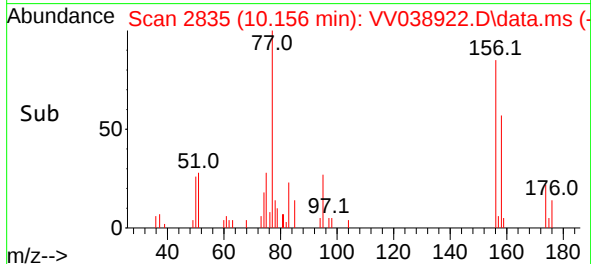
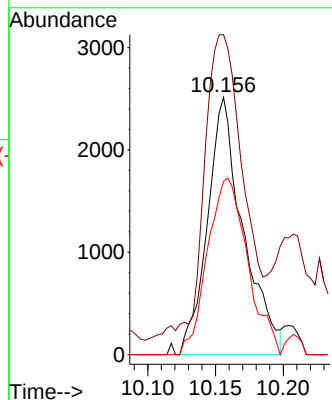
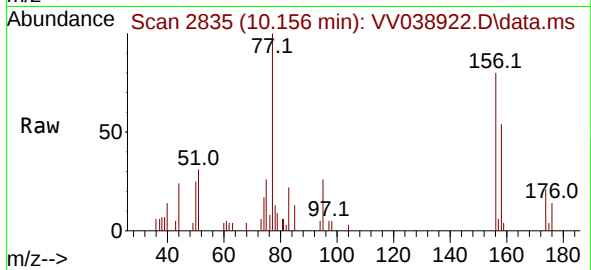




#77
Bromobenzene
Concen: 0.632 ug/l
RT: 10.156 min Scan# 2835
Delta R.T. 0.016 min
Lab File: VV038922.D
Acq: 18 Jul 2025 15:22

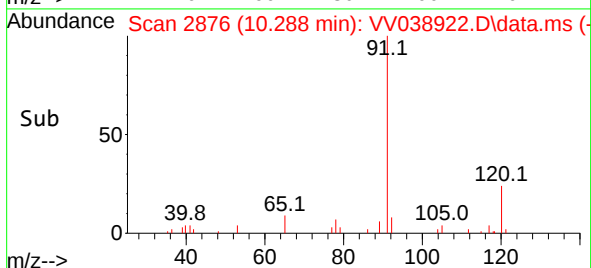
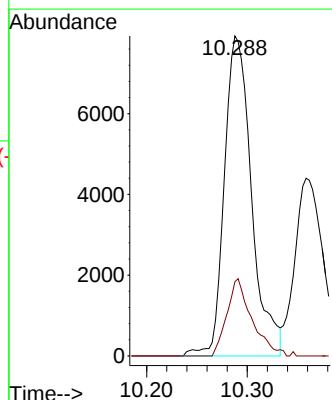
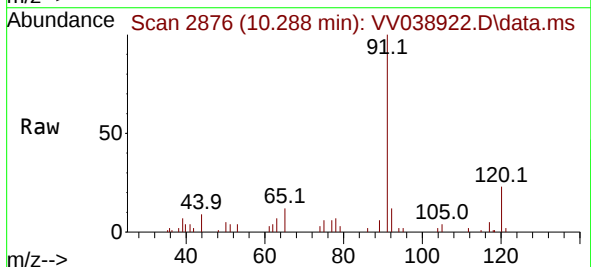
Instrument :
MSVOA_V
ClientSampleId :
MDL06

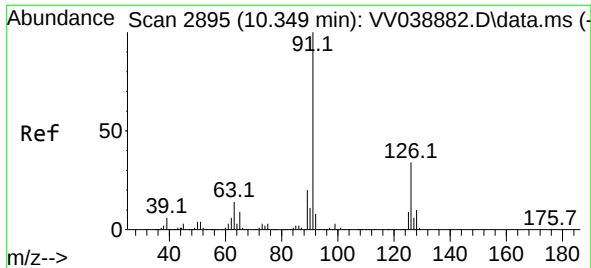
Tgt Ion:156 Resp: 4599
Ion Ratio Lower Upper
156 100
77 129.4 77.2 231.6
158 76.9 48.4 145.3



#78
n-propylbenzene
Concen: 0.460 ug/l
RT: 10.288 min Scan# 2876
Delta R.T. 0.010 min
Lab File: VV038922.D
Acq: 18 Jul 2025 15:22

Tgt Ion: 91 Resp: 14921
Ion Ratio Lower Upper
91 100
120 22.1 11.6 34.8

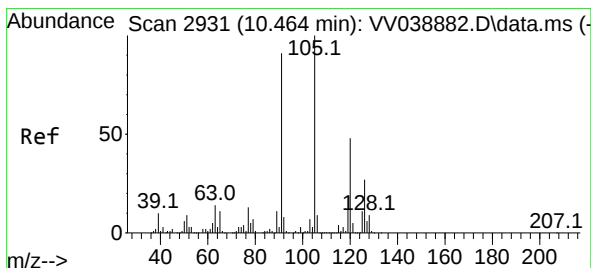
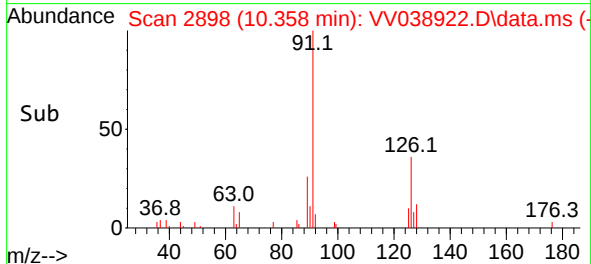
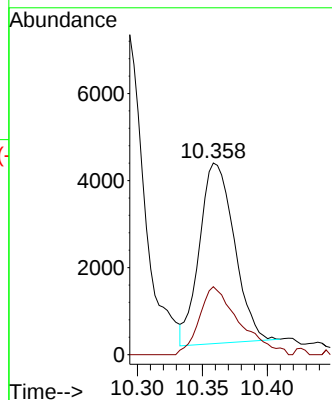
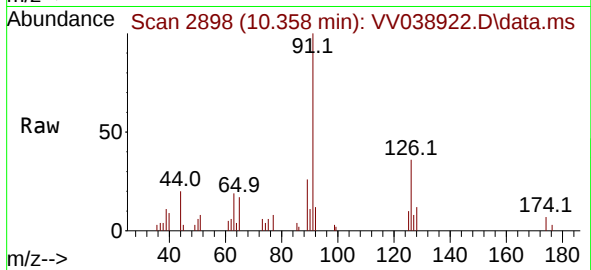




#79
2-Chlorotoluene
Concen: 0.375 ug/l
RT: 10.358 min Scan# 2898
Delta R.T. 0.010 min
Lab File: VV038922.D
Acq: 18 Jul 2025 15:22

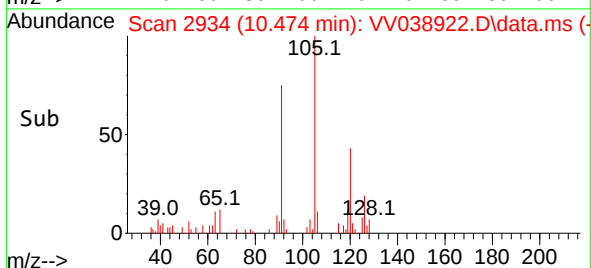
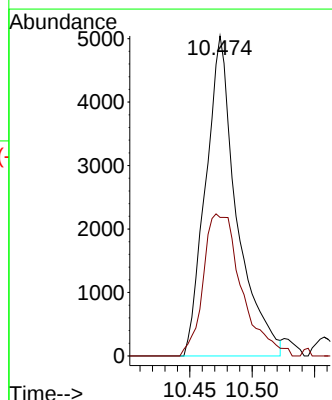
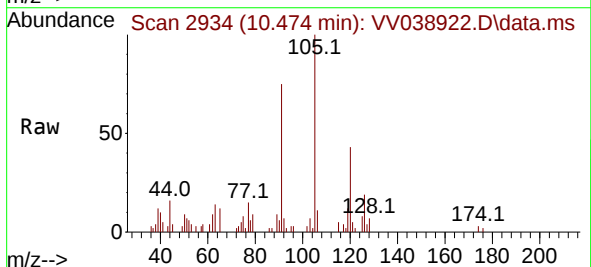
Instrument :
MSVOA_V
ClientSampleId :
MDL06

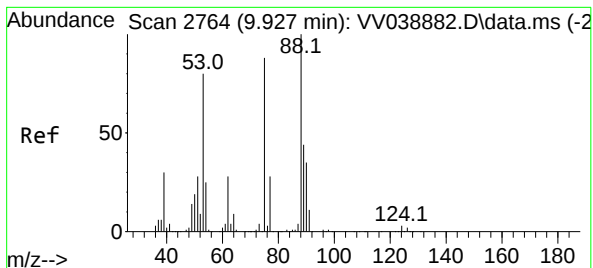
Tgt Ion: 91 Resp: 7724
Ion Ratio Lower Upper
91 100
126 43.0 17.1 51.2



#80
1,3,5-Trimethylbenzene
Concen: 0.373 ug/l
RT: 10.474 min Scan# 2934
Delta R.T. 0.010 min
Lab File: VV038922.D
Acq: 18 Jul 2025 15:22

Tgt Ion: 105 Resp: 8722
Ion Ratio Lower Upper
105 100
120 54.6 24.0 72.0





#81

trans-1,4-Dichloro-2-butene

Concen: 64.513 ug/l

RT: 10.002 min Scan# 21

Delta R.T. 0.074 min

Lab File: VV038922.D

Acq: 18 Jul 2025 15:22

Instrument :

MSVOA_V

ClientSampleId :

MDL06

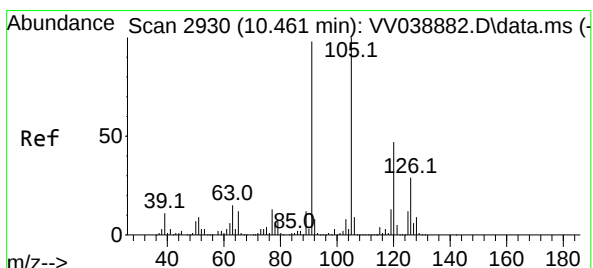
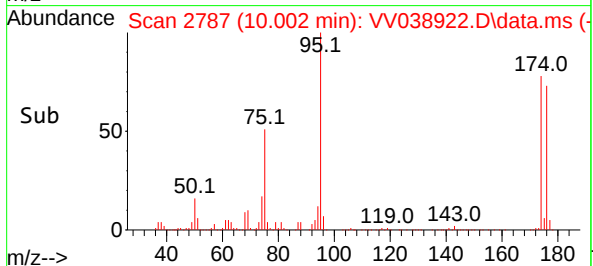
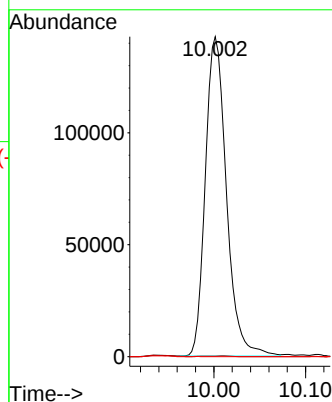
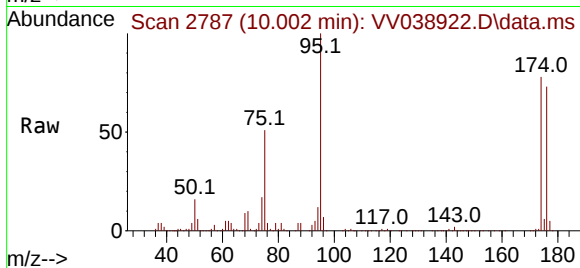
Tgt Ion: 75 Resp: 228237

Ion Ratio Lower Upper

75 100

53 0.1 71.3 106.9#

89 0.0 42.2 63.2#



#82

4-Chlorotoluene

Concen: 0.408 ug/l

RT: 10.484 min Scan# 2937

Delta R.T. 0.023 min

Lab File: VV038922.D

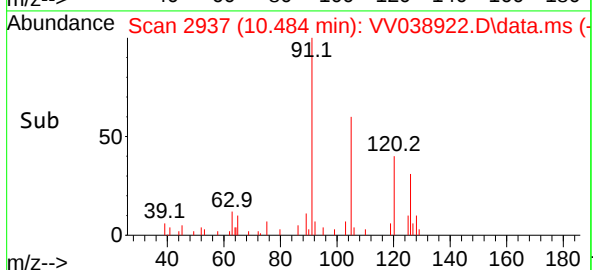
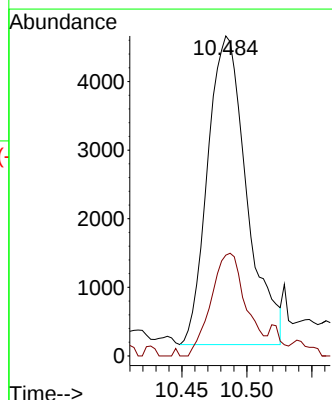
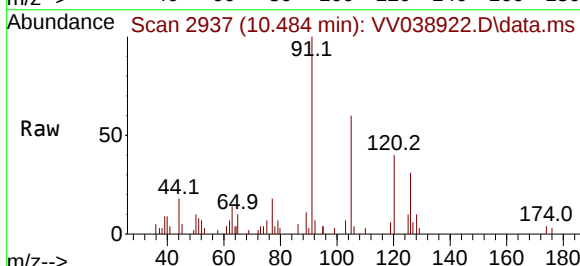
Acq: 18 Jul 2025 15:22

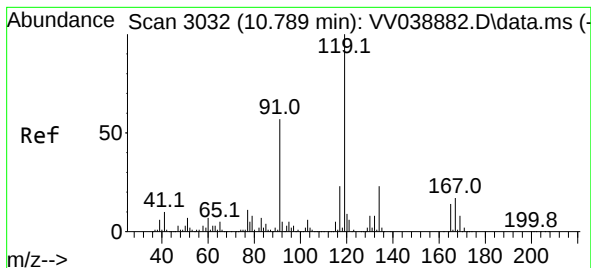
Tgt Ion: 91 Resp: 9395

Ion Ratio Lower Upper

91 100

126 29.5 14.9 44.9





#83

tert-Butylbenzene

Concen: 0.394 ug/l

RT: 10.792 min Scan# 3033

Delta R.T. 0.003 min

Lab File: VV038922.D

Acq: 18 Jul 2025 15:22

Instrument :

MSVOA_V

ClientSampleId :

MDL06

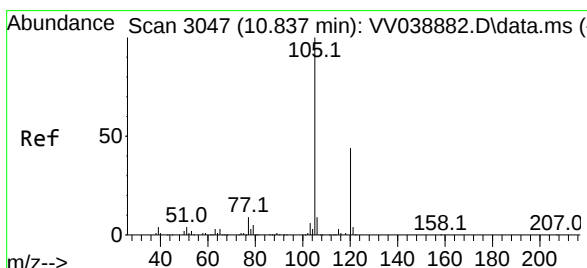
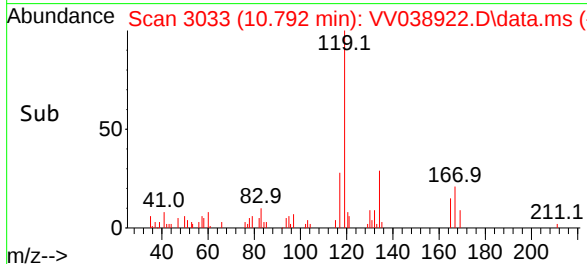
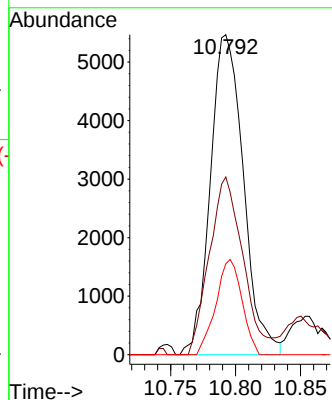
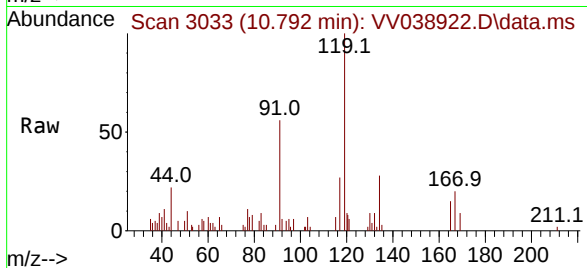
Tgt Ion:119 Resp: 9666

Ion Ratio Lower Upper

119 100

91 56.6 28.1 84.2

134 23.4 11.4 34.1



#84

1,2,4-Trimethylbenzene

Concen: 0.353 ug/l

RT: 10.854 min Scan# 3052

Delta R.T. 0.016 min

Lab File: VV038922.D

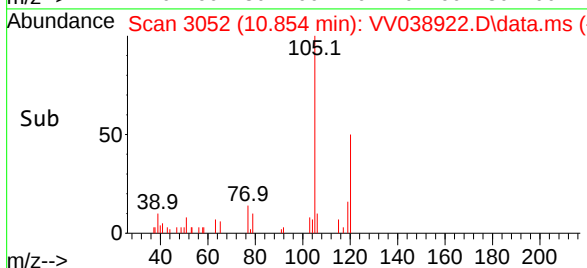
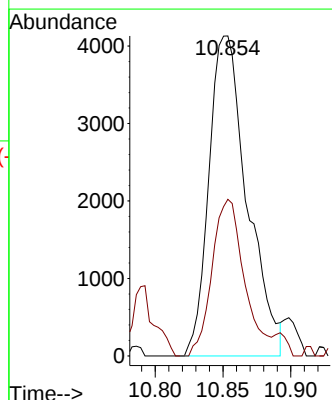
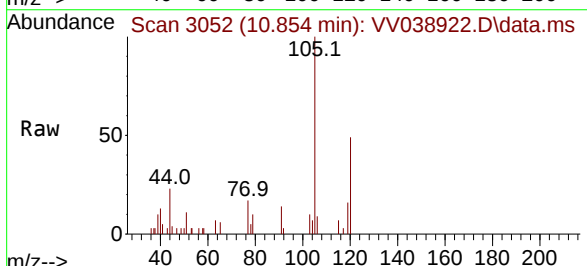
Acq: 18 Jul 2025 15:22

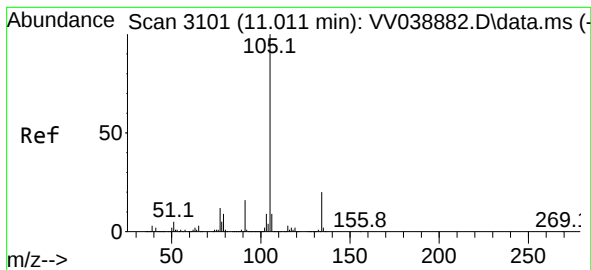
Tgt Ion:105 Resp: 8116

Ion Ratio Lower Upper

105 100

120 41.3 22.6 67.8





#85

sec-Butylbenzene

Concen: 0.393 ug/l

RT: 11.018 min Scan# 3101

Delta R.T. 0.007 min

Lab File: VV038922.D

Acq: 18 Jul 2025 15:22

Instrument :

MSVOA_V

ClientSampleId :

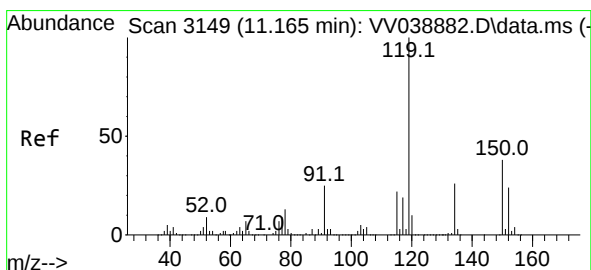
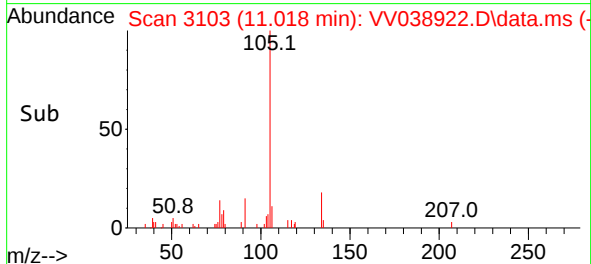
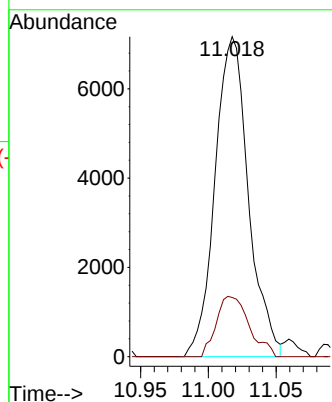
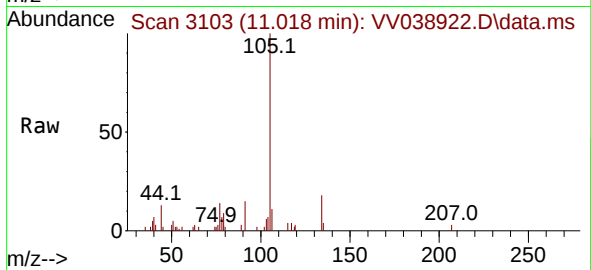
MDL06

Tgt Ion:105 Resp: 12295

Ion Ratio Lower Upper

105 100

134 18.5 9.9 29.7



#86

p-Isopropyltoluene

Concen: 0.437 ug/l

RT: 11.175 min Scan# 3152

Delta R.T. 0.010 min

Lab File: VV038922.D

Acq: 18 Jul 2025 15:22

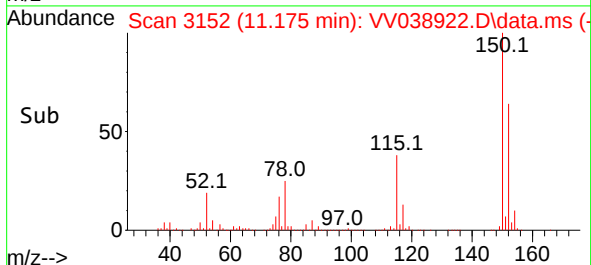
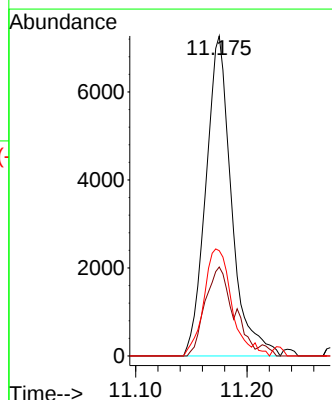
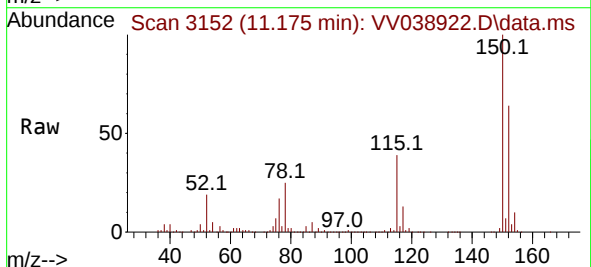
Tgt Ion:119 Resp: 11614

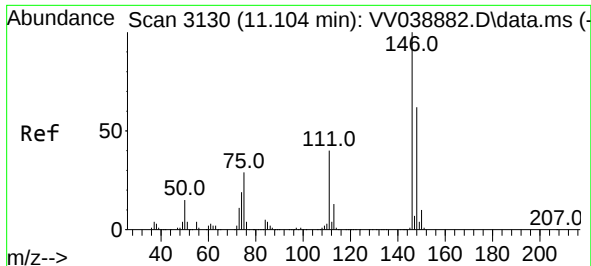
Ion Ratio Lower Upper

119 100

134 31.0 13.1 39.3

91 36.4 12.3 36.8

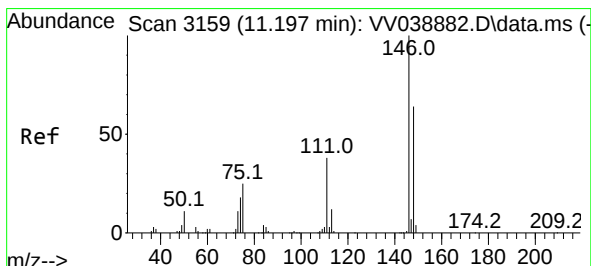
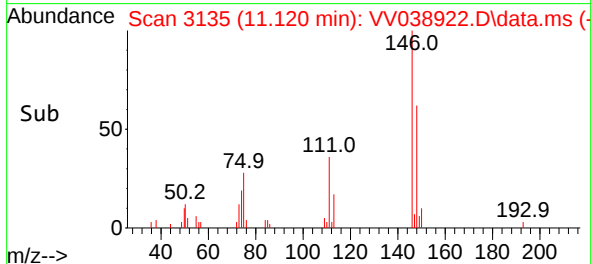
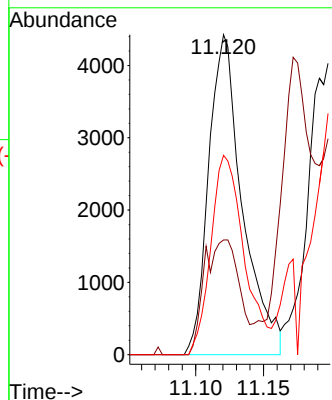
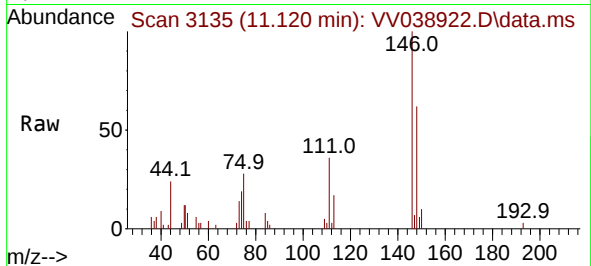




#87
1,3-Dichlorobenzene
Concen: 0.515 ug/l
RT: 11.120 min Scan# 3135
Delta R.T. 0.016 min
Lab File: VV038922.D
Acq: 18 Jul 2025 15:22

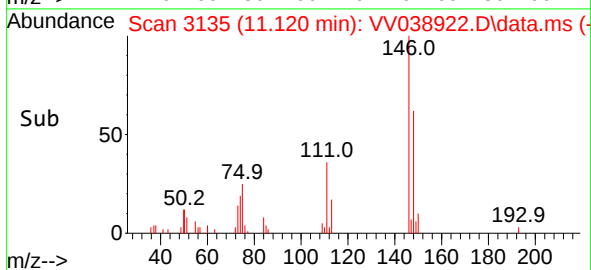
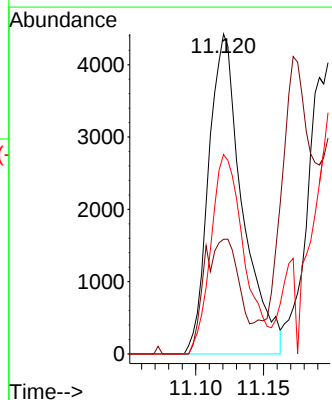
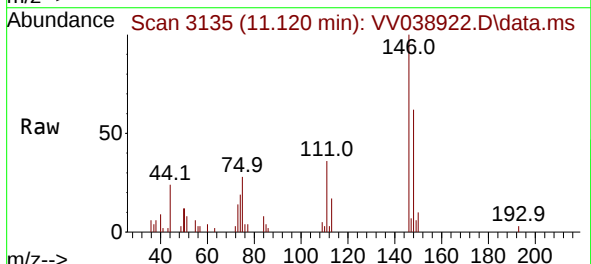
Instrument :
MSVOA_V
ClientSampleId :
MDL06

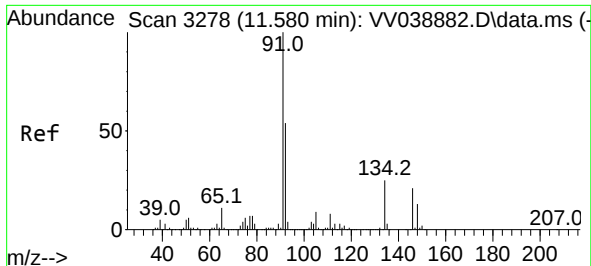
Tgt Ion:146 Resp: 7654
Ion Ratio Lower Upper
146 100
111 38.1 20.2 60.5
148 61.9 31.4 94.3



#88
1,4-Dichlorobenzene
Concen: 0.474 ug/l
RT: 11.120 min Scan# 3135
Delta R.T. -0.077 min
Lab File: VV038922.D
Acq: 18 Jul 2025 15:22

Tgt Ion:146 Resp: 7654
Ion Ratio Lower Upper
146 100
111 38.1 19.8 59.3
148 61.9 32.1 96.5





#89

n-Butylbenzene

Concen: 0.460 ug/l

RT: 11.593 min Scan# 31

Delta R.T. 0.013 min

Lab File: VV038922.D

Acq: 18 Jul 2025 15:22

Instrument :

MSVOA_V

ClientSampleId :

MDL06

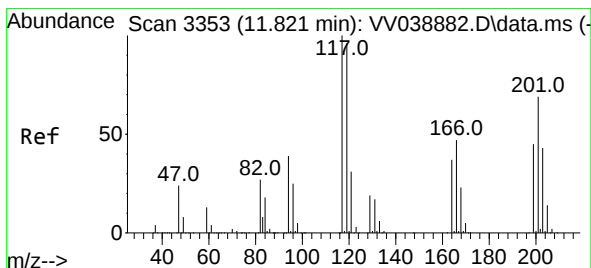
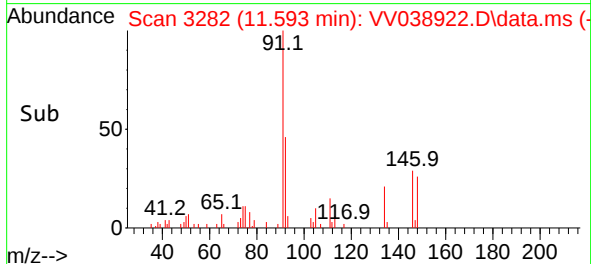
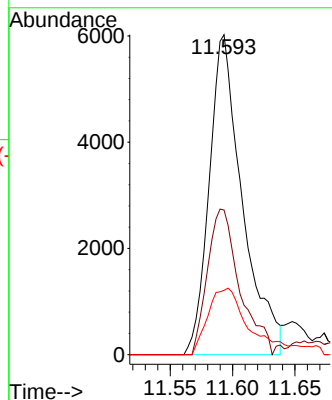
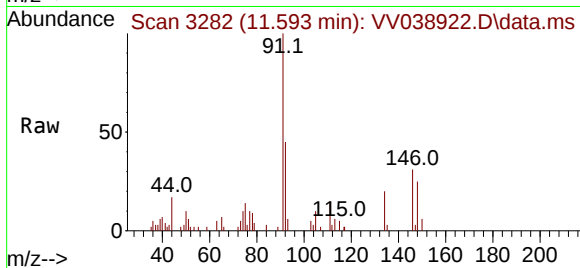
Tgt Ion: 91 Resp: 11157

Ion Ratio Lower Upper

91 100

92 44.2 26.7 80.1

134 26.4 12.7 38.1



#90

Hexachloroethane

Concen: 0.450 ug/l

RT: 11.821 min Scan# 3353

Delta R.T. 0.000 min

Lab File: VV038922.D

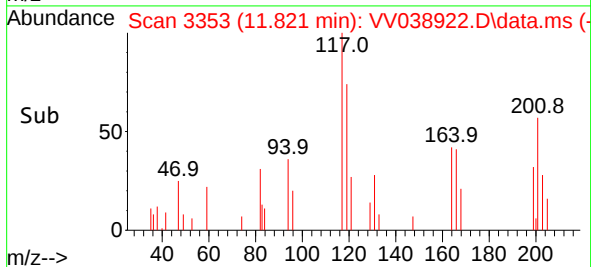
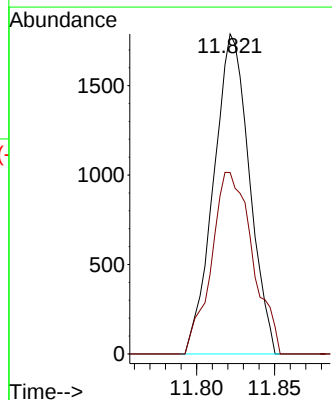
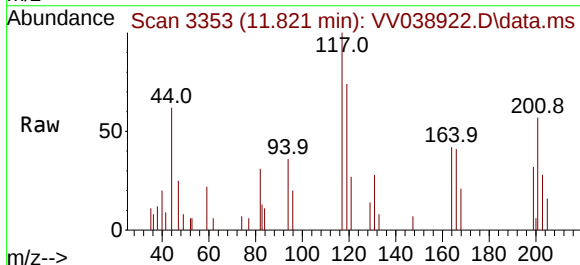
Acq: 18 Jul 2025 15:22

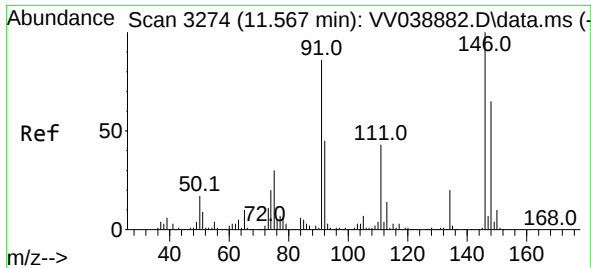
Tgt Ion: 117 Resp: 2848

Ion Ratio Lower Upper

117 100

201 65.3 34.0 102.0

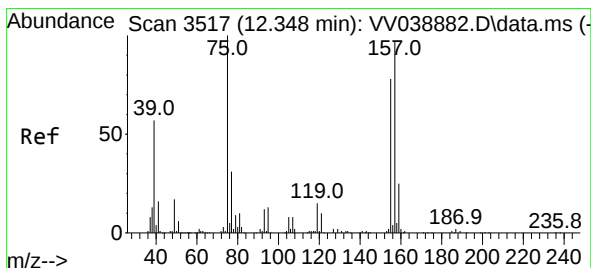
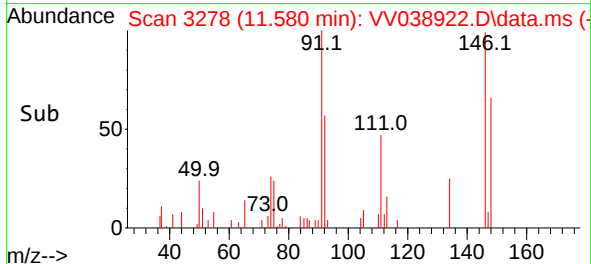
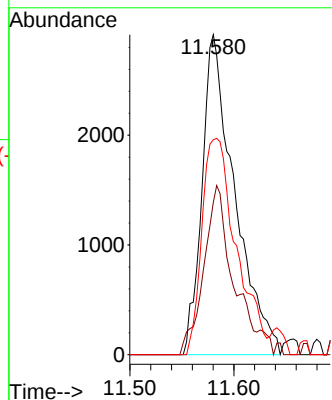
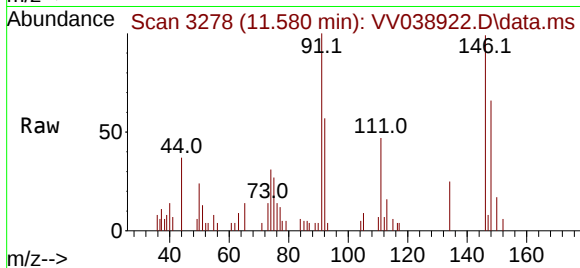




#91
1,2-Dichlorobenzene
Concen: 0.441 ug/l
RT: 11.580 min Scan# 3111
Delta R.T. 0.013 min
Lab File: VV038922.D
Acq: 18 Jul 2025 15:22

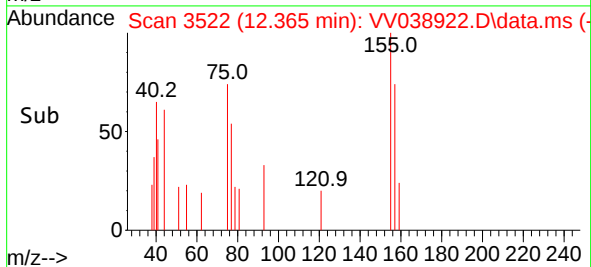
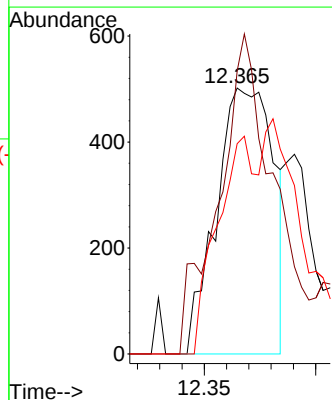
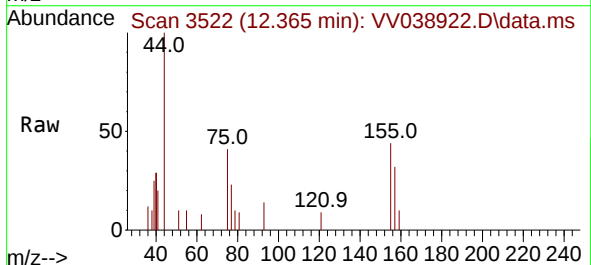
Instrument :
MSVOA_V
ClientSampleId :
MDL06

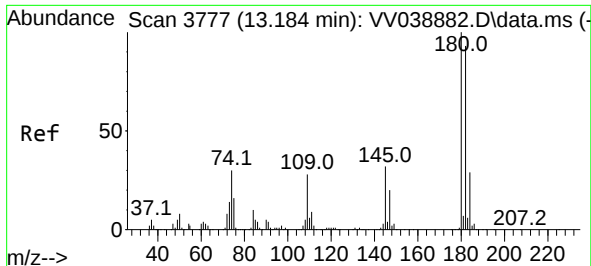
Tgt Ion:146 Resp: 6362
Ion Ratio Lower Upper
146 100
111 48.8 21.4 64.3
148 71.1 32.0 96.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.341 ug/l
RT: 12.365 min Scan# 3522
Delta R.T. 0.016 min
Lab File: VV038922.D
Acq: 18 Jul 2025 15:22

Tgt Ion: 75 Resp: 897
Ion Ratio Lower Upper
75 100
155 115.4 40.2 120.6
157 57.2 51.1 153.3

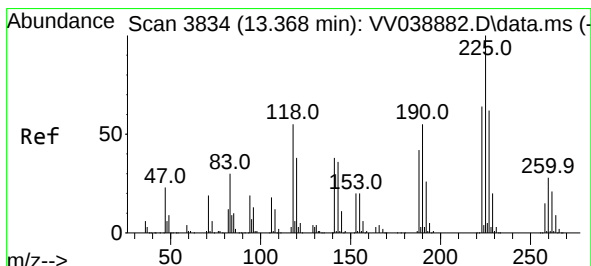
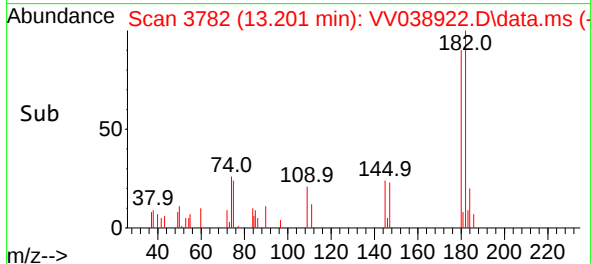
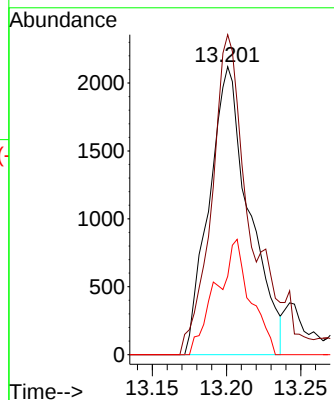
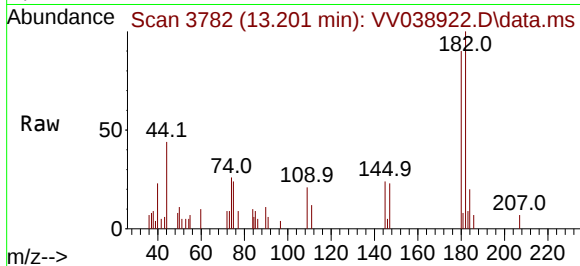




#93
 1,2,4-Trichlorobenzene
 Concen: 0.468 ug/l
 RT: 13.201 min Scan# 31
 Delta R.T. 0.016 min
 Lab File: VV038922.D
 Acq: 18 Jul 2025 15:22

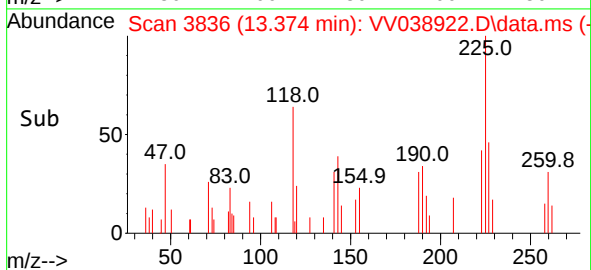
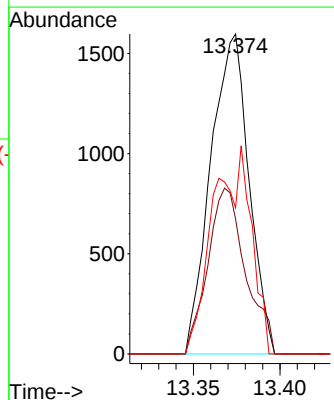
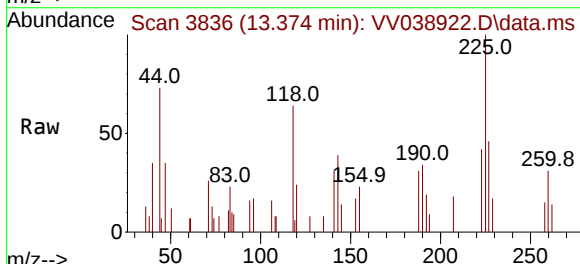
Instrument :
 MSVOA_V
 ClientSampleId :
 MDL06

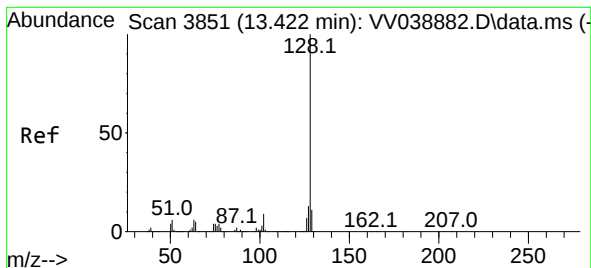
Tgt Ion:180 Resp: 3982
 Ion Ratio Lower Upper
 180 100
 182 109.9 47.4 142.3
 145 34.2 16.2 48.6



#94
 Hexachlorobutadiene
 Concen: 0.559 ug/l
 RT: 13.374 min Scan# 3836
 Delta R.T. 0.007 min
 Lab File: VV038922.D
 Acq: 18 Jul 2025 15:22

Tgt Ion:225 Resp: 2450
 Ion Ratio Lower Upper
 225 100
 223 51.4 32.4 97.2
 227 41.2 31.3 93.9





#95

Naphthalene

Concen: 0.351 ug/l

RT: 13.445 min Scan# 3930

Delta R.T. 0.023 min

Lab File: VV038922.D

Acq: 18 Jul 2025 15:22

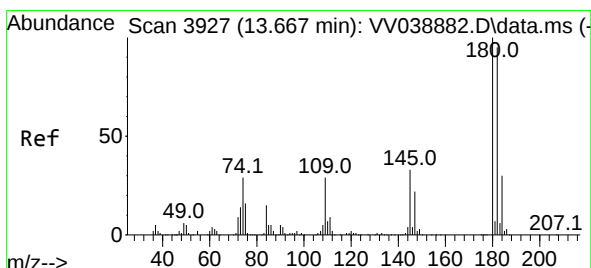
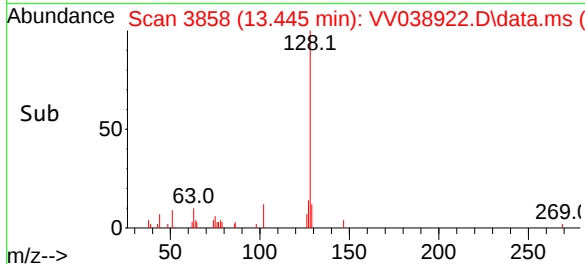
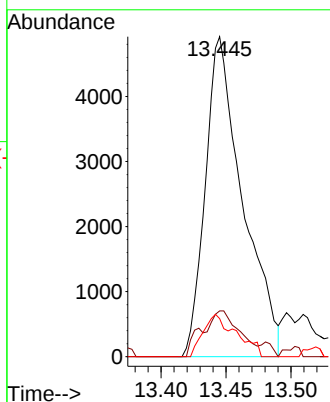
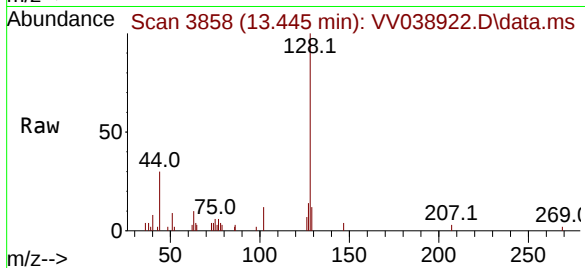
Instrument :

MSVOA_V

ClientSampleId :

MDL06

Tgt Ion:	128	Resp:	9816
Ion	Ratio	Lower	Upper
128	100		
127	8.7	10.5	15.7#
129	11.7	8.6	13.0



#96

1,2,3-Trichlorobenzene

Concen: 0.464 ug/l

RT: 13.677 min Scan# 3930

Delta R.T. 0.010 min

Lab File: VV038922.D

Acq: 18 Jul 2025 15:22

Tgt Ion:	180	Resp:	4093
Ion	Ratio	Lower	Upper
180	100		
182	81.7	47.0	141.2
145	28.6	17.0	51.0

