

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071825\
 Data File : VX047047.D
 Acq On : 18 Jul 2025 14:18
 Operator : JC/MD
 Sample : Q2637-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-SOIL-REF-6

Quant Time: Jul 19 04:24:26 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 03 05:51:11 2025
 Response via : Initial Calibration

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

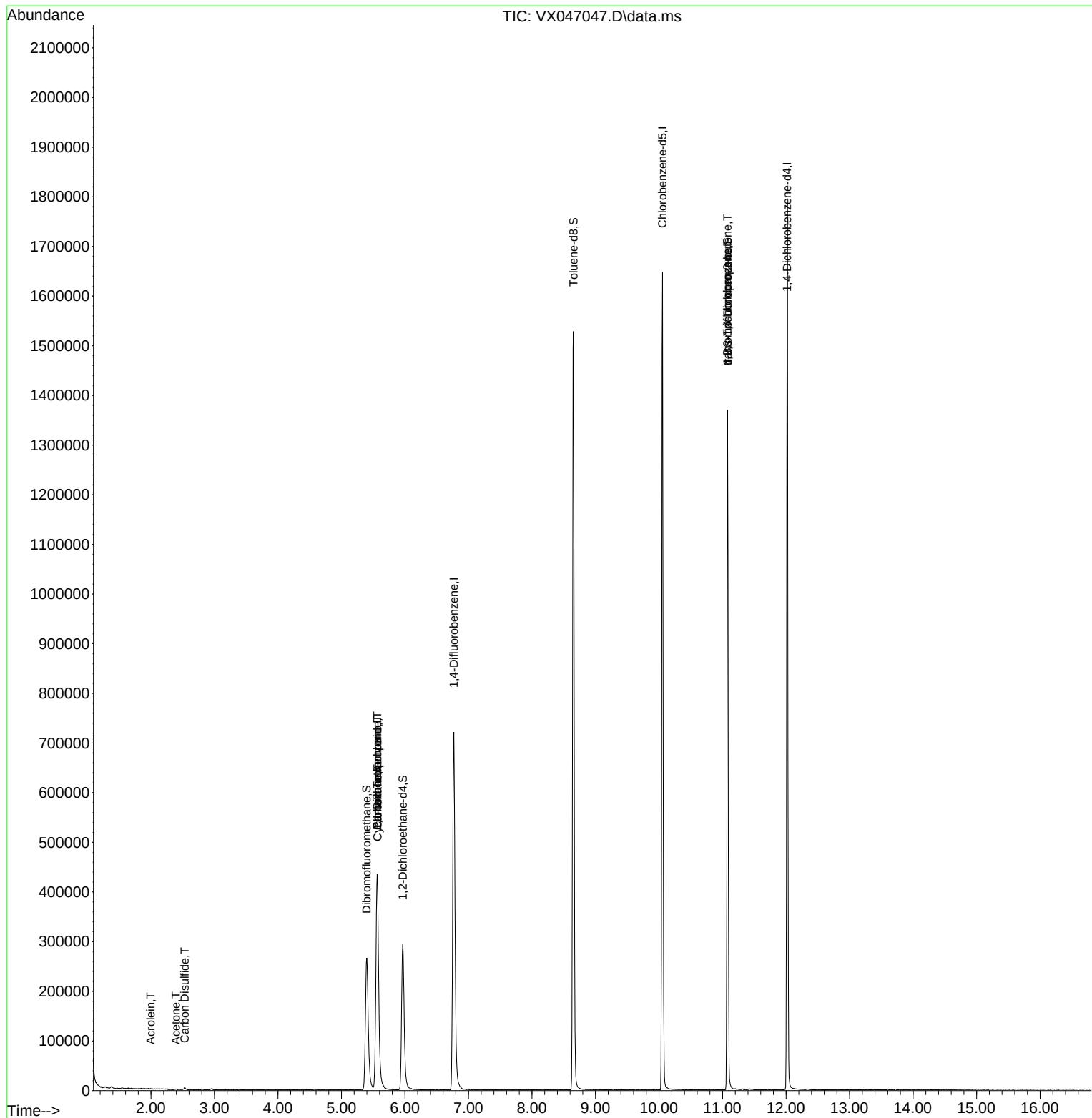
Internal Standards						
1) Pentafluorobenzene	5.562	168	432781	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	772624	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	723756	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	349373	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	307335	53.754	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 107.500%			
35) Dibromofluoromethane	5.397	113	255690	48.753	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.500%			
50) Toluene-d8	8.653	98	939717	50.784	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.560%			
62) 4-Bromofluorobenzene	11.079	95	371678	52.851	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 105.700%			
Target Compounds						
					Qvalue	
13) Acrolein	1.995	56	68	2.997	ug/l #	82
16) Acetone	2.391	43	1570	0.884	ug/l #	68
17) Carbon Disulfide	2.532	76	5046	0.410	ug/l	96
31) Cyclohexane	5.568	56	9925	1.214	ug/l #	1
36) 1,1-Dichloropropene	5.562	75	36364	5.139	ug/l #	50
38) Carbon Tetrachloride	5.562	117	46860	6.264	ug/l #	15
76) 1,2,3-Trichloropropane	11.079	75	194596	36.048	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	194596	96.734	ug/l #	8

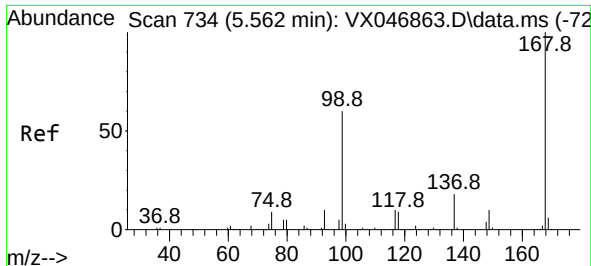
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration

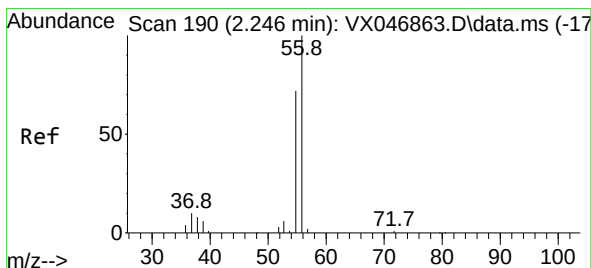
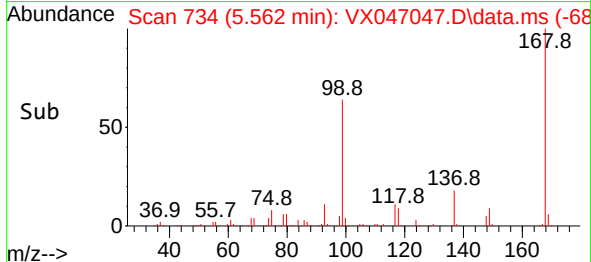
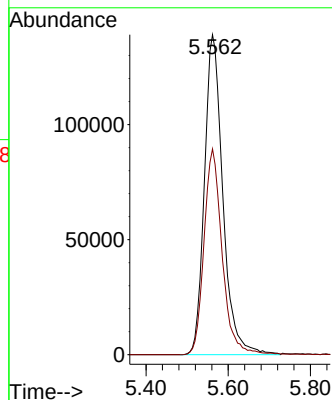
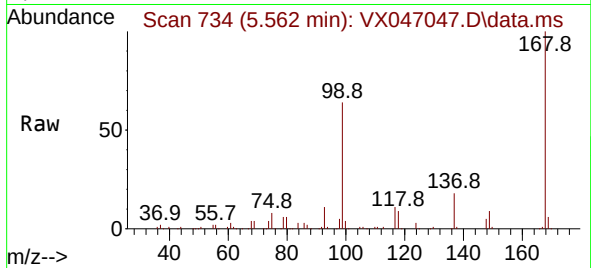




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX047047.D
Acq: 18 Jul 2025 14:18

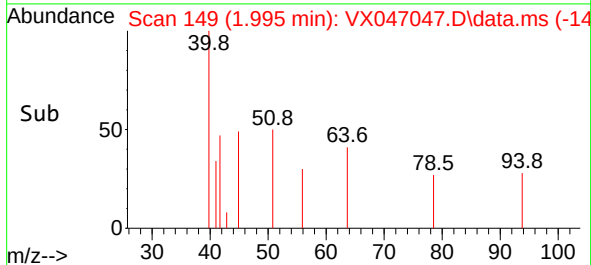
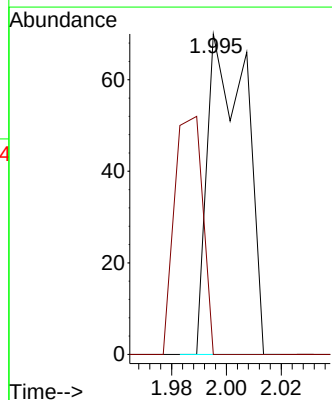
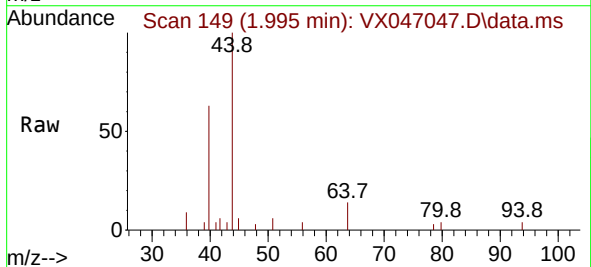
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

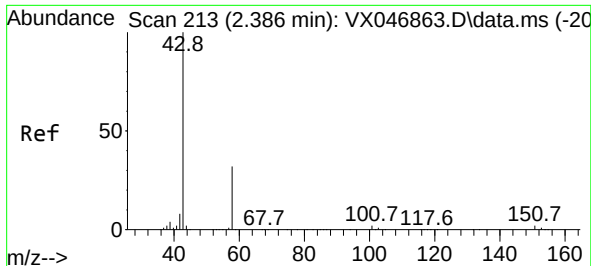
Tgt Ion:168 Resp: 432781
Ion Ratio Lower Upper
168 100
99 64.3 48.8 73.2



#13
Acrolein
Concen: 2.997 ug/l
RT: 1.995 min Scan# 149
Delta R.T. -0.251 min
Lab File: VX047047.D
Acq: 18 Jul 2025 14:18

Tgt Ion: 56 Resp: 68
Ion Ratio Lower Upper
56 100
55 54.4 55.5 83.3#

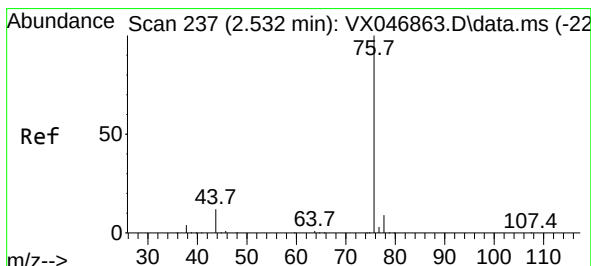
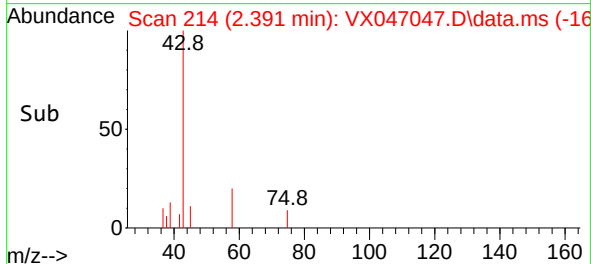
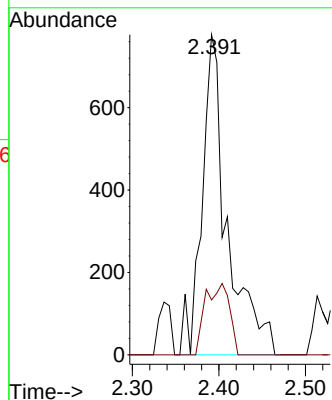
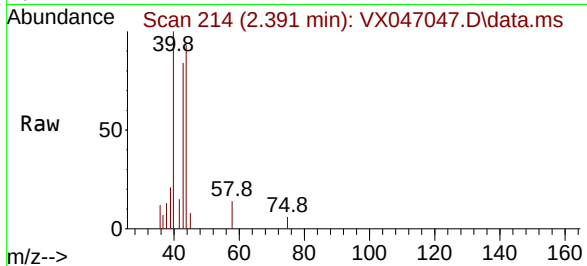




#16
Acetone
Concen: 0.884 ug/l
RT: 2.391 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX047047.D
Acq: 18 Jul 2025 14:18

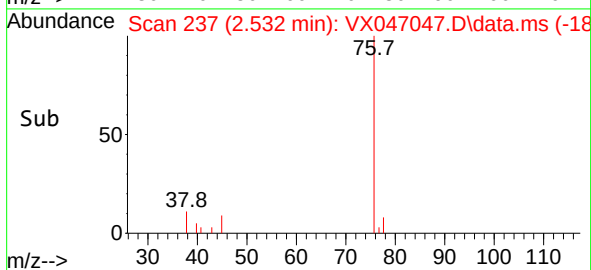
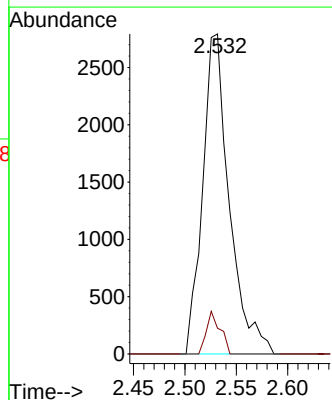
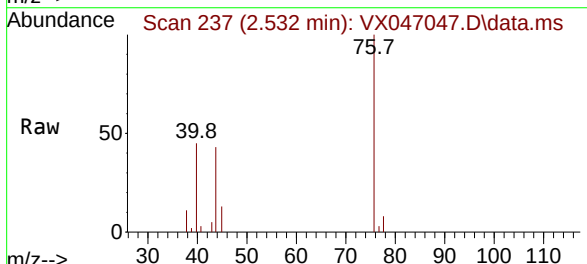
Instrument :
MSVOA_X
ClientSampleId :
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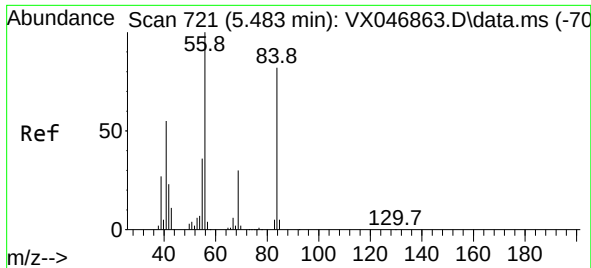
Tgt Ion: 43 Resp: 1570
Ion Ratio Lower Upper
43 100
58 14.3 25.8 38.6#



#17
Carbon Disulfide
Concen: 0.410 ug/l
RT: 2.532 min Scan# 237
Delta R.T. -0.000 min
Lab File: VX047047.D
Acq: 18 Jul 2025 14:18

Tgt Ion: 76 Resp: 5046
Ion Ratio Lower Upper
76 100
78 8.0 7.4 11.2

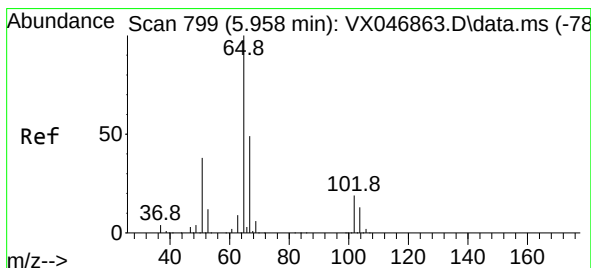
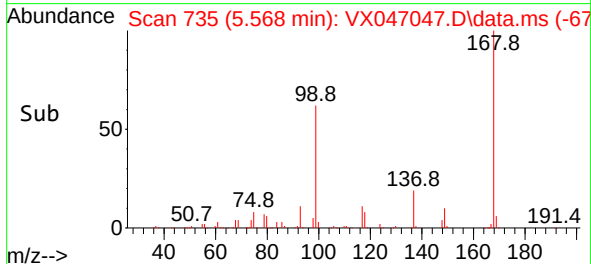
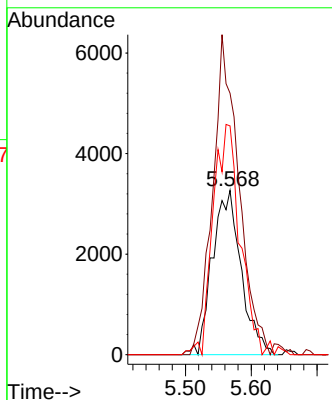
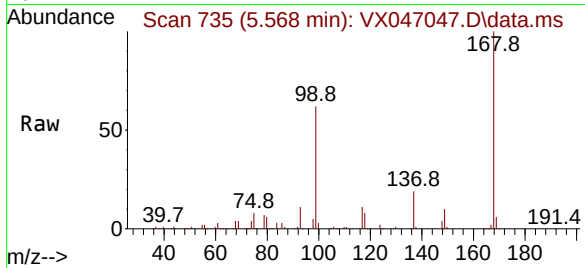




#31
Cyclohexane
Concen: 1.214 ug/l
RT: 5.568 min Scan# 71
Delta R.T. 0.085 min
Lab File: VX047047.D
Acq: 18 Jul 2025 14:18

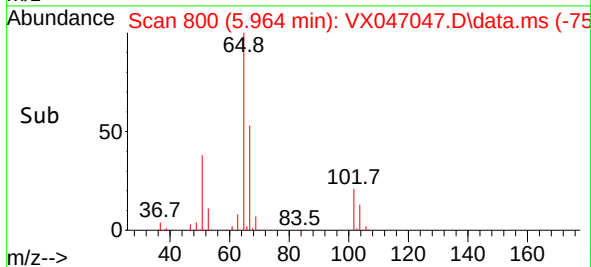
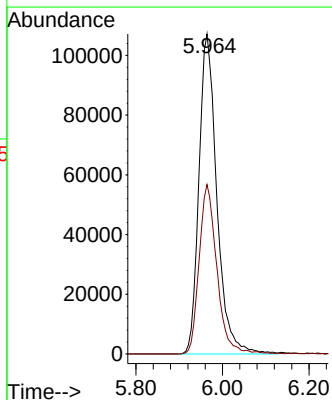
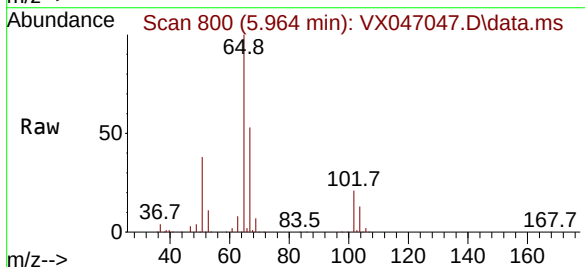
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

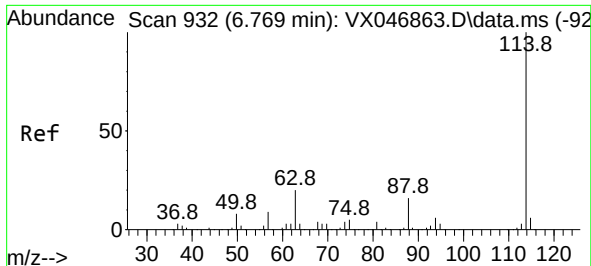
Tgt Ion: 56 Resp: 9925
Ion Ratio Lower Upper
56 100
69 154.4 24.0 36.0#
84 135.2 66.5 99.7#



#33
1,2-Dichloroethane-d4
Concen: 53.754 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX047047.D
Acq: 18 Jul 2025 14:18

Tgt Ion: 65 Resp: 307335
Ion Ratio Lower Upper
65 100
67 52.6 0.0 105.2

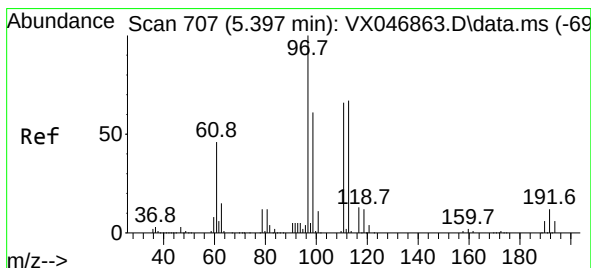
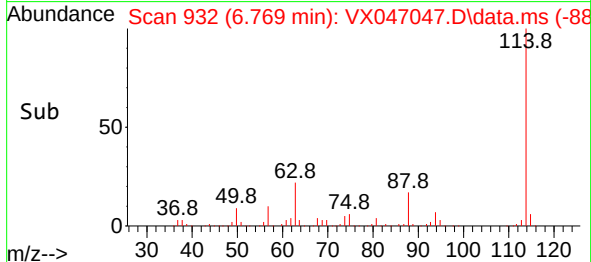
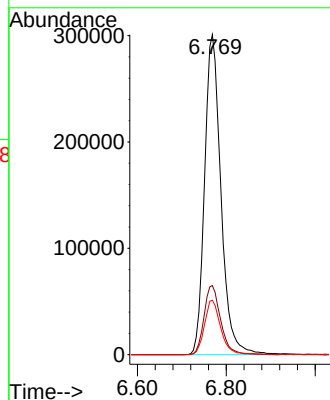
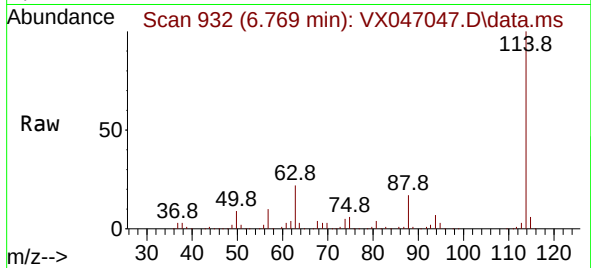




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX047047.D
Acq: 18 Jul 2025 14:18

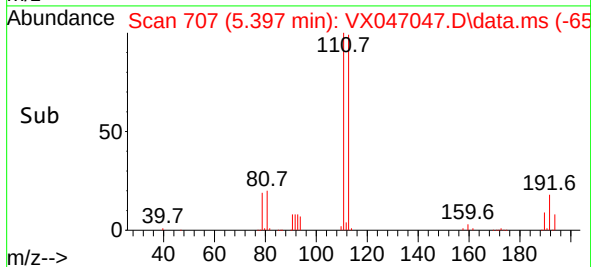
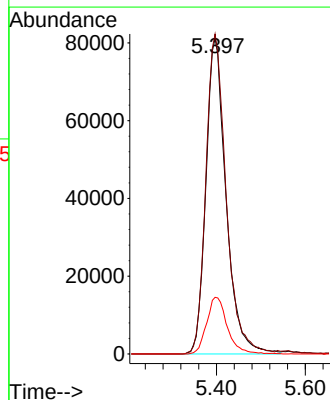
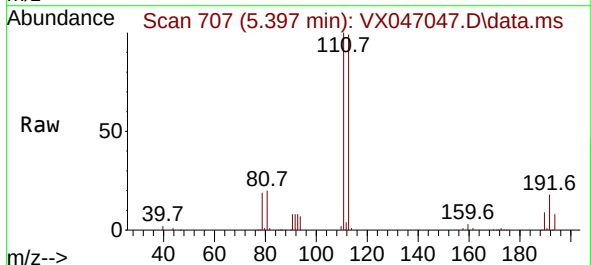
Instrument :
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ClientSampleId :
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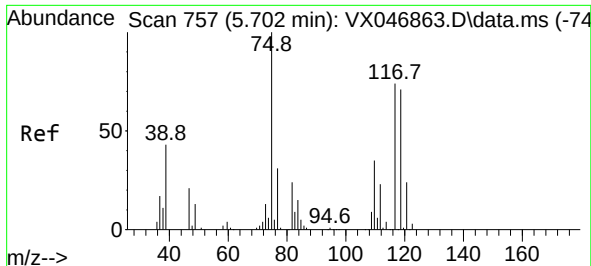
Tgt Ion:114 Resp: 772624
Ion Ratio Lower Upper
114 100
63 24.6 0.0 40.4
88 17.0 0.0 31.0



#35
Dibromofluoromethane
Concen: 48.753 ug/l
RT: 5.397 min Scan# 707
Delta R.T. -0.000 min
Lab File: VX047047.D
Acq: 18 Jul 2025 14:18

Tgt Ion:113 Resp: 255690
Ion Ratio Lower Upper
113 100
111 102.4 81.2 121.8
192 18.5 15.3 22.9

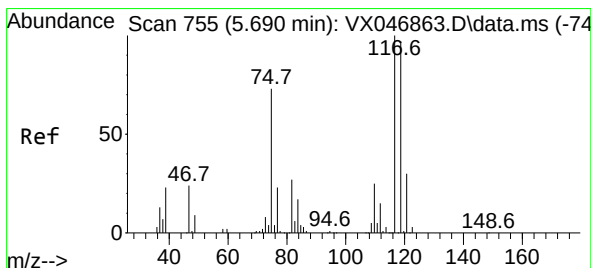
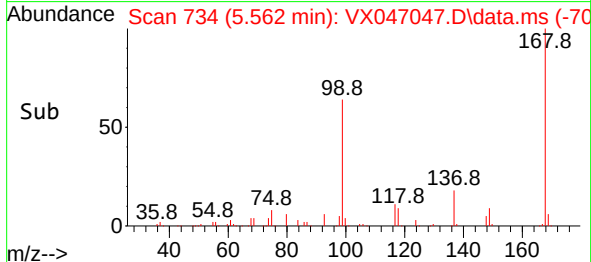
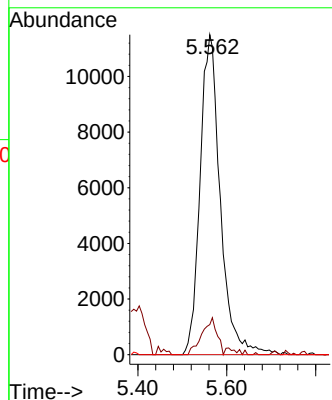
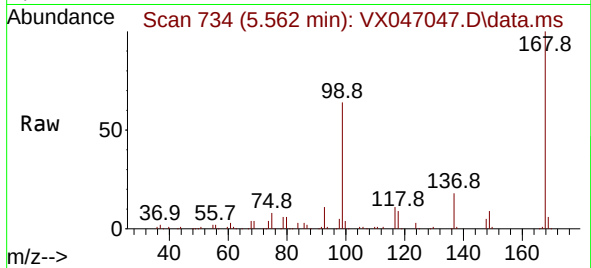




#36
1,1-Dichloropropene
Concen: 5.139 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.141 min
Lab File: VX047047.D
Acq: 18 Jul 2025 14:18

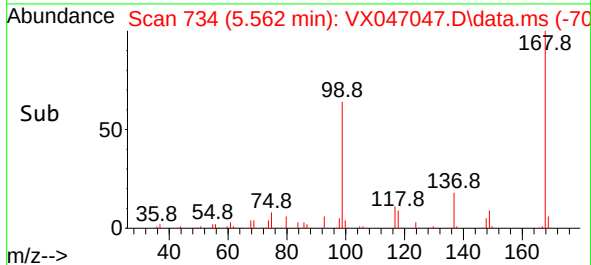
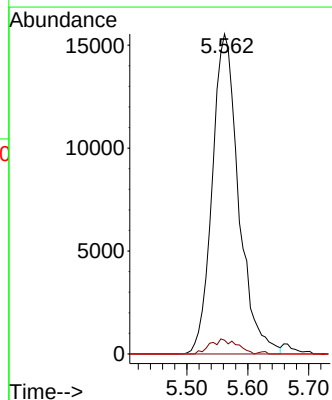
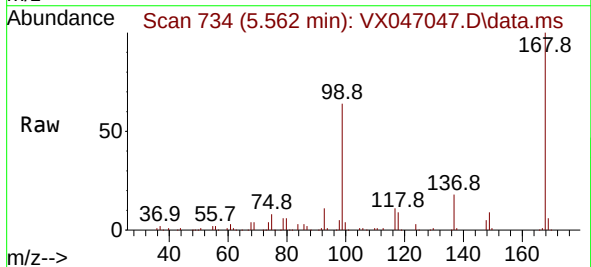
Instrument :
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ClientSampleId :
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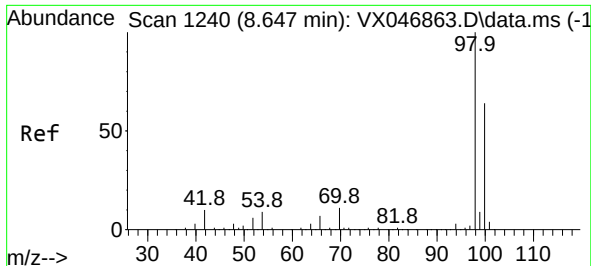
Tgt Ion: 75 Resp: 36364
Ion Ratio Lower Upper
75 100
110 8.8 17.3 51.9#
77 0.0 24.2 36.4#



#38
Carbon Tetrachloride
Concen: 6.264 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.128 min
Lab File: VX047047.D
Acq: 18 Jul 2025 14:18

Tgt Ion: 117 Resp: 46860
Ion Ratio Lower Upper
117 100
119 4.3 76.6 114.8#
121 0.0 24.1 36.1#

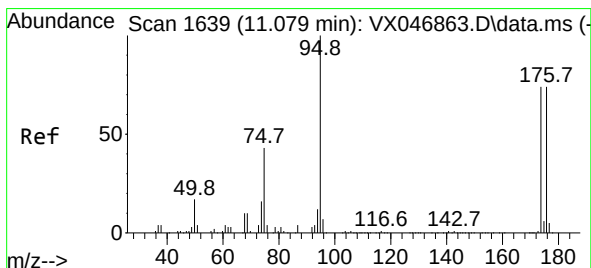
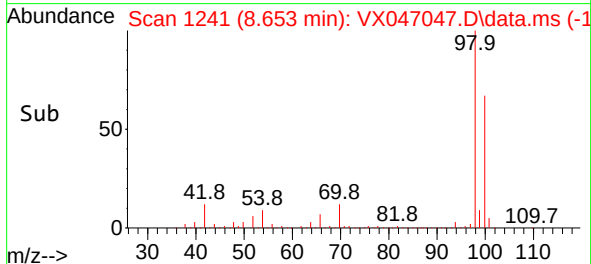
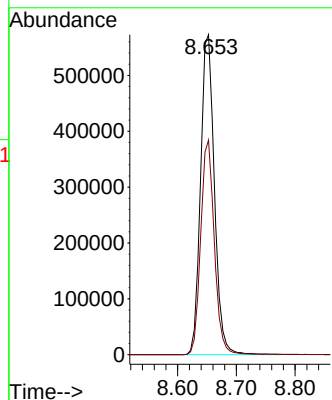
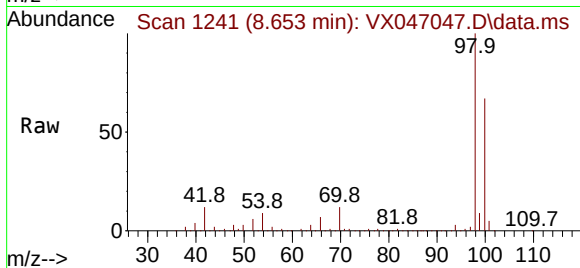




#50
Toluene-d8
Concen: 50.784 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX047047.D
Acq: 18 Jul 2025 14:18

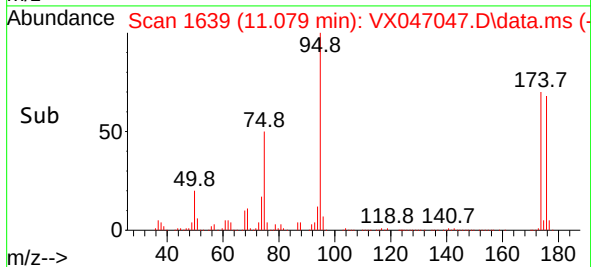
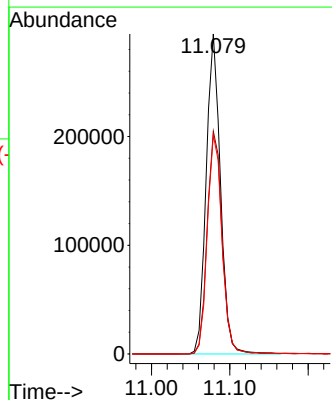
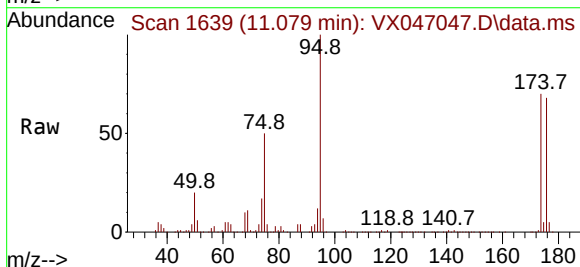
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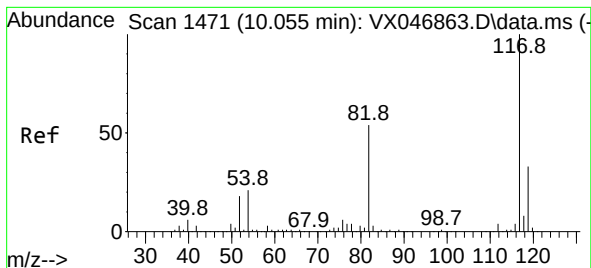
Tgt Ion: 98 Resp: 939717
Ion Ratio Lower Upper
98 100
100 66.1 53.0 79.6



#62
4-Bromofluorobenzene
Concen: 52.851 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX047047.D
Acq: 18 Jul 2025 14:18

Tgt Ion: 95 Resp: 371678
Ion Ratio Lower Upper
95 100
174 72.5 0.0 152.0
176 70.3 0.0 145.2

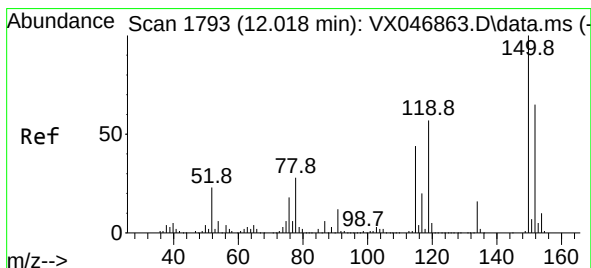
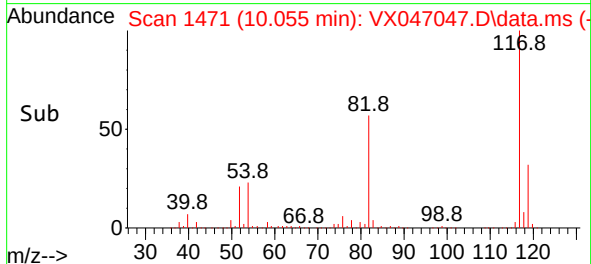
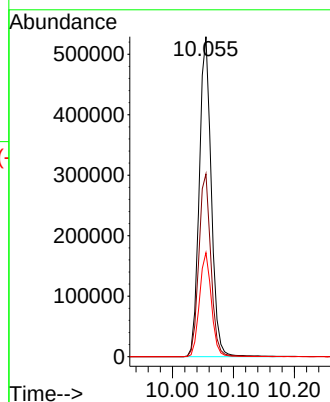
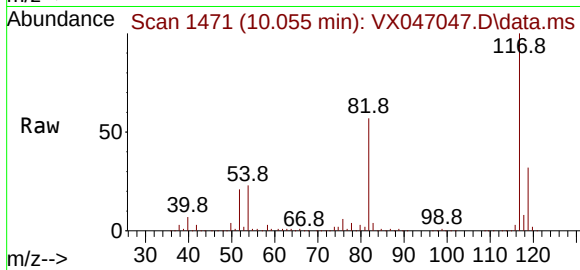




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX047047.D
Acq: 18 Jul 2025 14:18

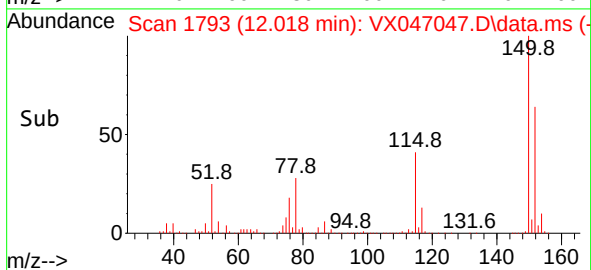
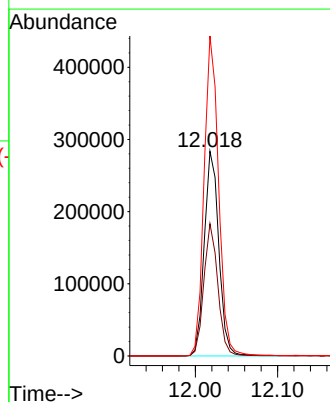
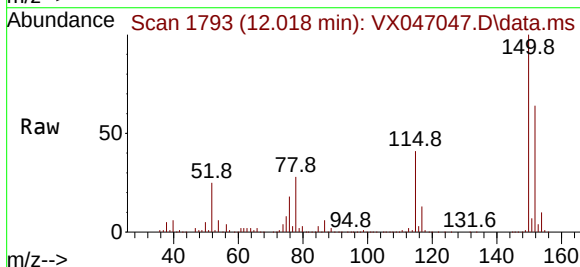
Instrument :
MSVOA_X
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STORAGE-BLANK-SOIL-REF-6

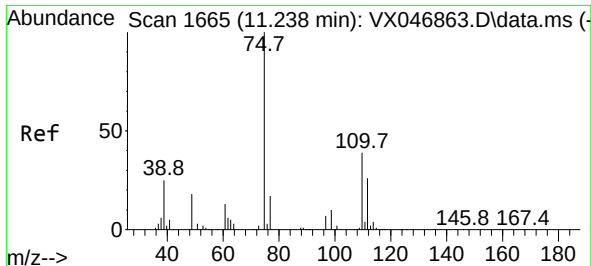
Tgt Ion:117 Resp: 723756
Ion Ratio Lower Upper
117 100
82 57.1 43.3 64.9
119 32.5 26.4 39.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX047047.D
Acq: 18 Jul 2025 14:18

Tgt Ion:152 Resp: 349373
Ion Ratio Lower Upper
152 100
115 62.5 42.4 127.1
150 156.0 0.0 349.2

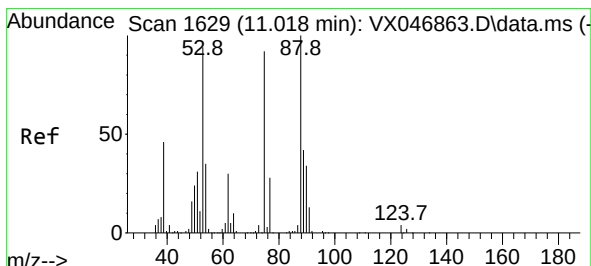
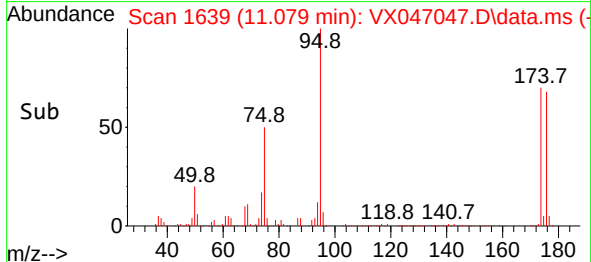
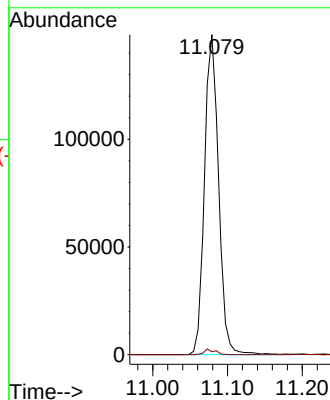
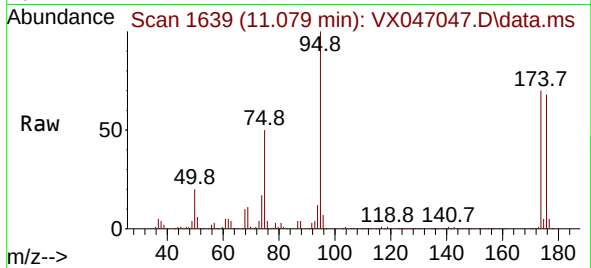




#76
1,2,3-Trichloropropane
Concen: 36.048 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX047047.D
Acq: 18 Jul 2025 14:18

Instrument : MSVOA_X
ClientSampleId : STORAGE-BLANK-SOIL-REF-6

Tgt Ion: 75 Resp: 194596
Ion Ratio Lower Upper
75 100
77 1.4 20.6 61.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 96.734 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX047047.D
Acq: 18 Jul 2025 14:18

Tgt Ion: 75 Resp: 194596
Ion Ratio Lower Upper
75 100
53 0.1 83.7 125.5#
89 0.0 38.2 57.2#

