

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX103125\
 Data File : VX048433.D
 Acq On : 31 Oct 2025 15:29
 Operator : JC/MD
 Sample : Q3506-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

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

Quant Time: Oct 31 23:07:06 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102925W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 30 02:37:17 2025
 Response via : Initial Calibration

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

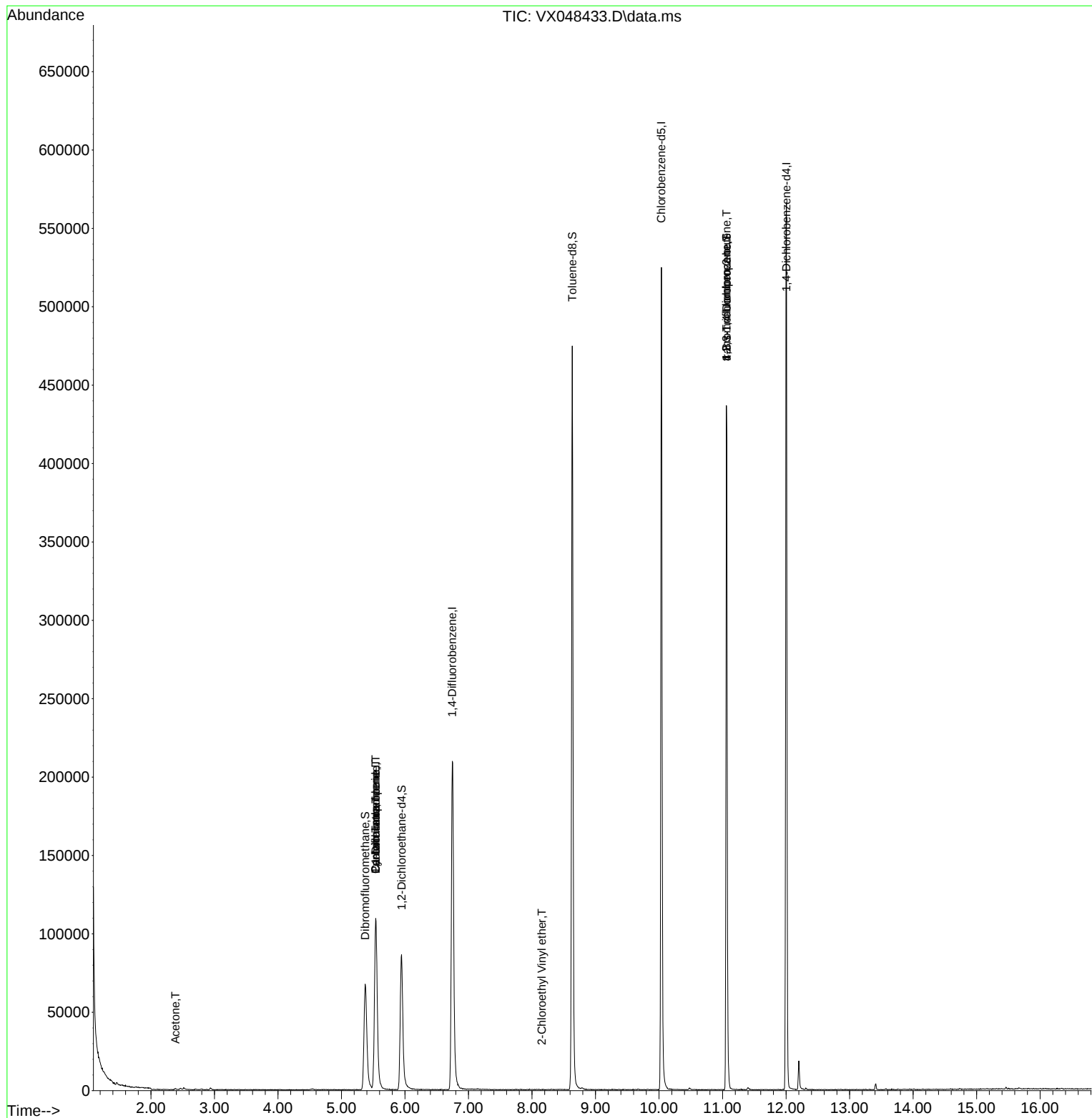
Internal Standards						
1) Pentafluorobenzene	5.538	168	117371	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	236319	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	241964	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	120863	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	95869	56.795	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	113.600%
35) Dibromofluoromethane	5.373	113	69169	51.337	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.680%
50) Toluene-d8	8.635	98	288962	48.585	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.180%
62) 4-Bromofluorobenzene	11.061	95	122557	55.086	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	110.180%
Target Compounds						
						Qvalue
16) Acetone	2.386	43	924	2.415	ug/l	98
31) Cyclohexane	5.538	56	2123	0.910	ug/l #	1
36) 1,1-Dichloropropene	5.538	75	8565	3.785	ug/l #	42
38) Carbon Tetrachloride	5.538	117	11937	4.569	ug/l #	15
58) 2-Chloroethyl Vinyl ether	8.153	63	59	9.336	ug/l #	47
76) 1,2,3-Trichloropropane	11.061	75	66083	38.019	ug/l #	33
81) trans-1,4-Dichloro-2-b...	11.061	75	66083	131.568	ug/l #	10

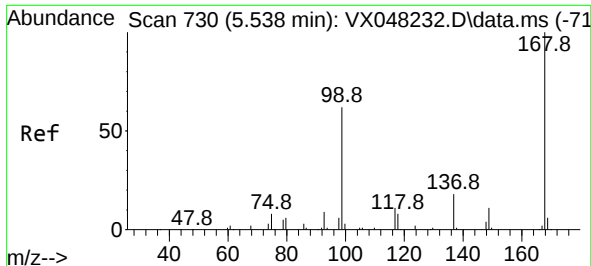
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX103125\
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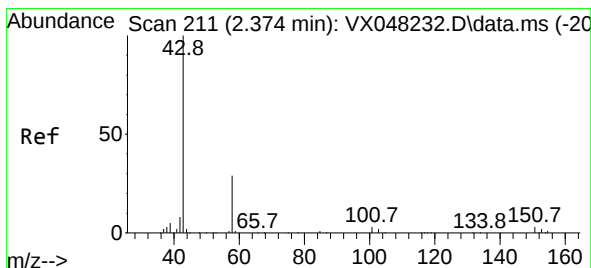
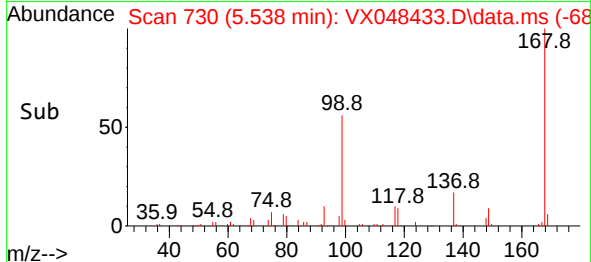
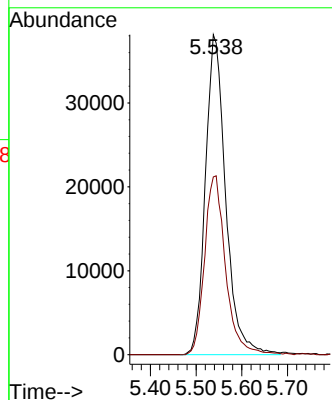
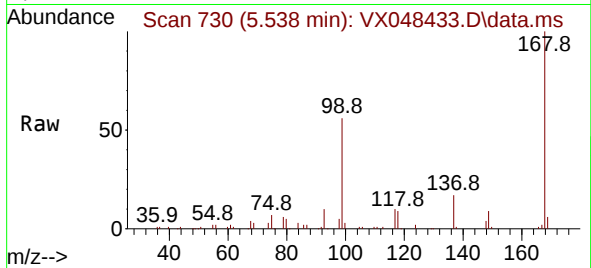




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX048433.D
Acq: 31 Oct 2025 15:29

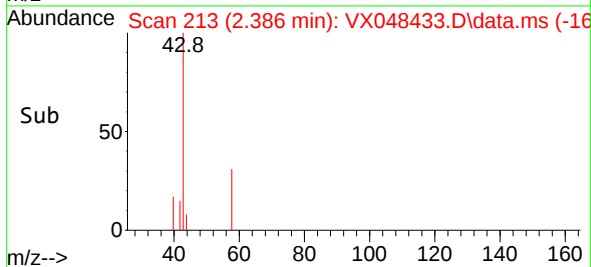
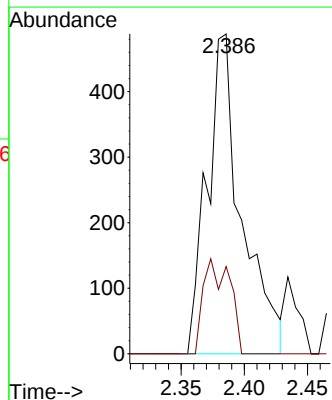
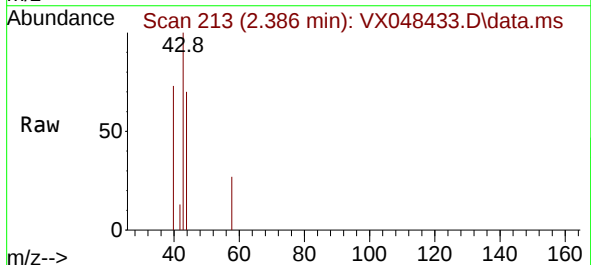
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

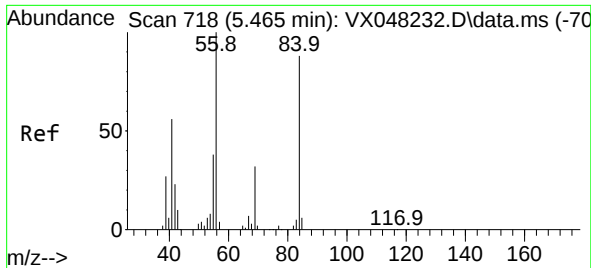
Tgt Ion:168 Resp: 117371
Ion Ratio Lower Upper
168 100
99 55.6 46.4 69.6



#16
Acetone
Concen: 2.415 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.012 min
Lab File: VX048433.D
Acq: 31 Oct 2025 15:29

Tgt Ion: 43 Resp: 924
Ion Ratio Lower Upper
43 100
58 30.5 23.4 35.2

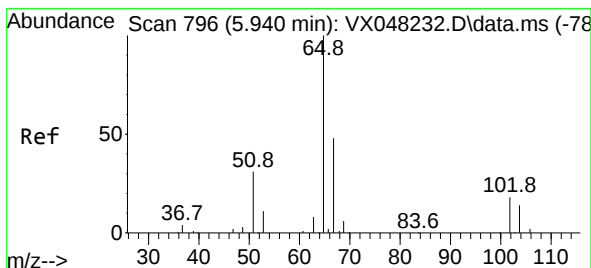
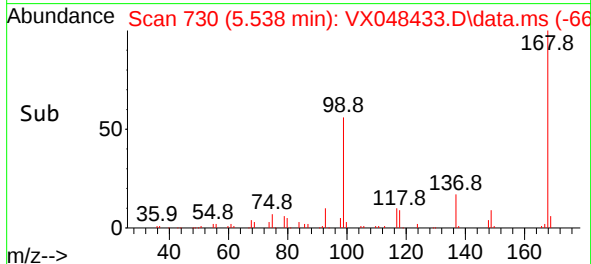
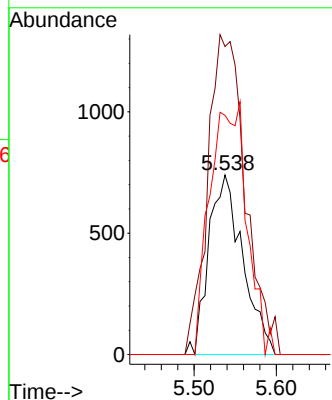
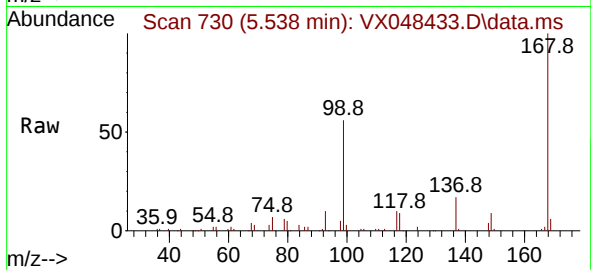




#31
Cyclohexane
Concen: 0.910 ug/l
RT: 5.538 min Scan# 718
Delta R.T. 0.073 min
Lab File: VX048433.D
Acq: 31 Oct 2025 15:29

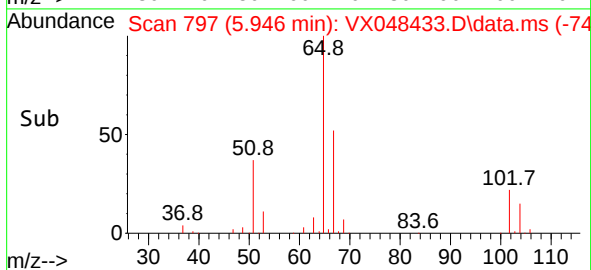
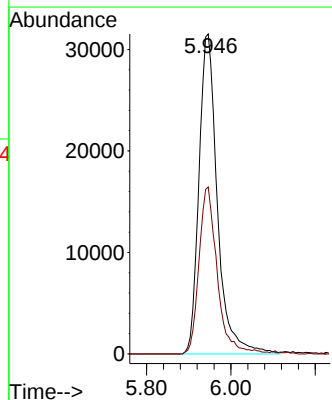
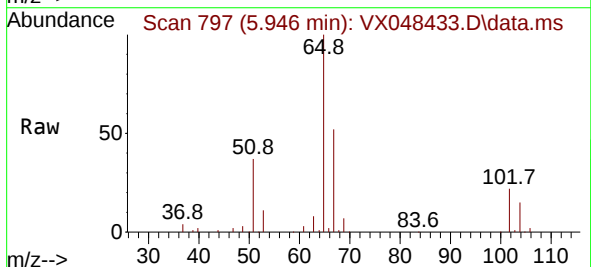
Instrument :
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ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

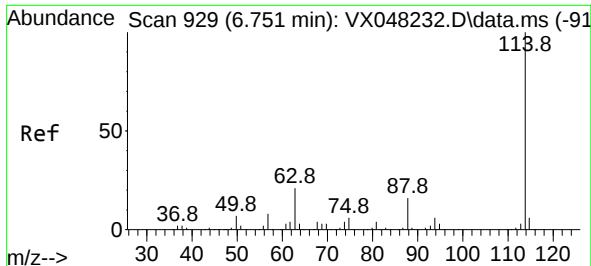
Tgt Ion: 56 Resp: 2123
Ion Ratio Lower Upper
56 100
69 171.5 23.0 34.6#
84 133.2 64.6 97.0#



#33
1,2-Dichloroethane-d4
Concen: 56.795 ug/l
RT: 5.946 min Scan# 797
Delta R.T. 0.006 min
Lab File: VX048433.D
Acq: 31 Oct 2025 15:29

Tgt Ion: 65 Resp: 95869
Ion Ratio Lower Upper
65 100
67 51.7 0.0 105.0

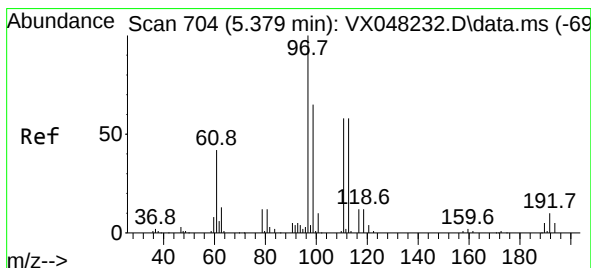
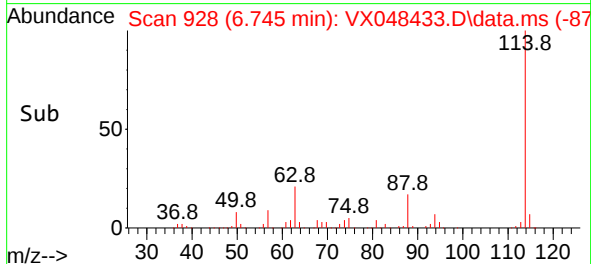
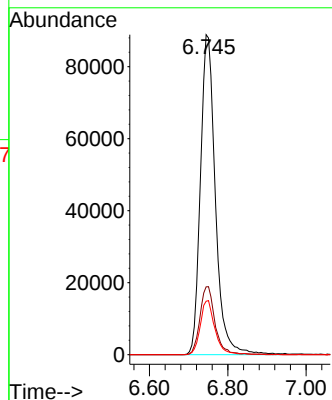
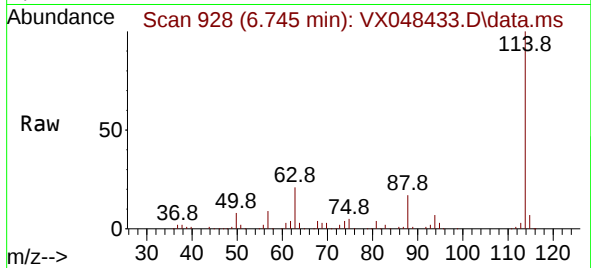




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX048433.D
Acq: 31 Oct 2025 15:29

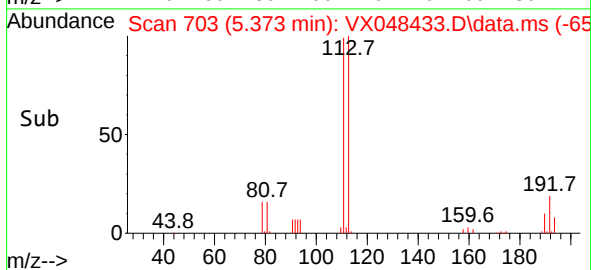
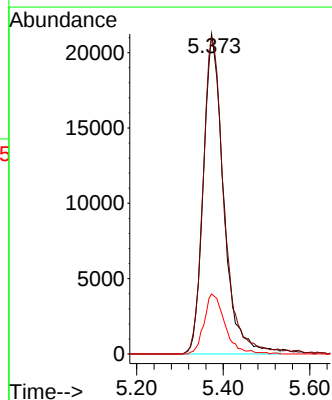
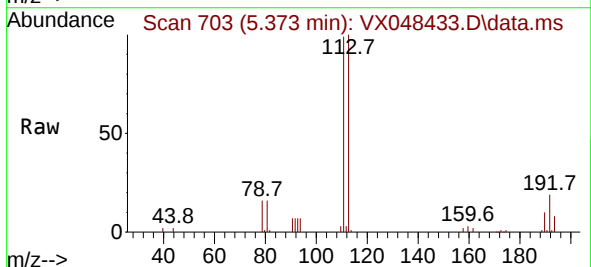
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

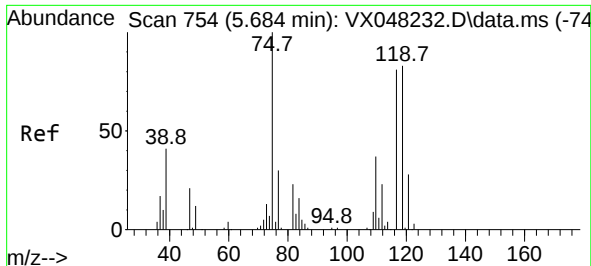
Tgt Ion:114 Resp: 236319
Ion Ratio Lower Upper
114 100
63 21.2 0.0 43.2
88 16.7 0.0 33.6



#35
Dibromofluoromethane
Concen: 51.337 ug/l
RT: 5.373 min Scan# 703
Delta R.T. 0.000 min
Lab File: VX048433.D
Acq: 31 Oct 2025 15:29

Tgt Ion:113 Resp: 69169
Ion Ratio Lower Upper
113 100
111 101.3 82.2 123.4
192 19.3 15.1 22.7

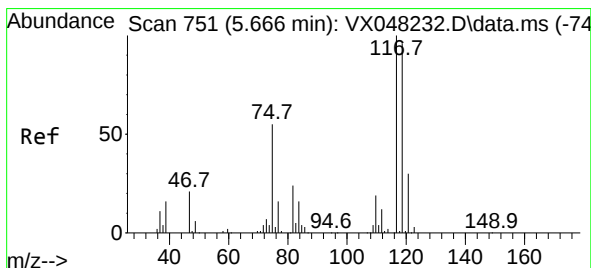
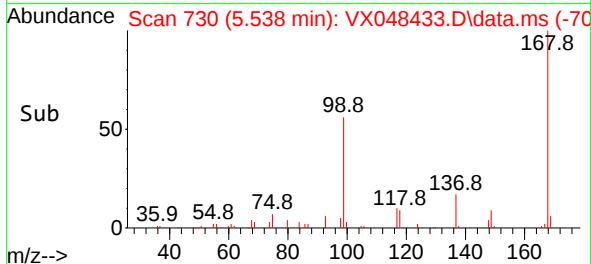
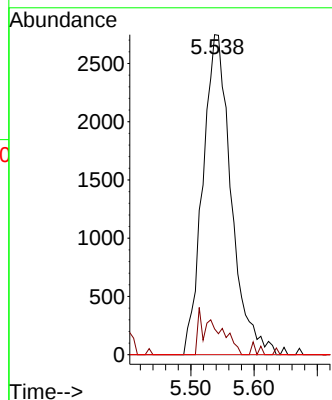
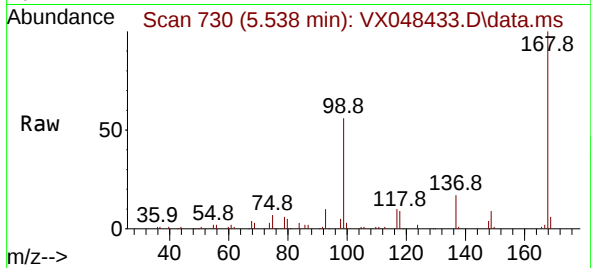




#36
1,1-Dichloropropene
Concen: 3.785 ug/l
RT: 5.538 min Scan# 710
Delta R.T. -0.146 min
Lab File: VX048433.D
Acq: 31 Oct 2025 15:29

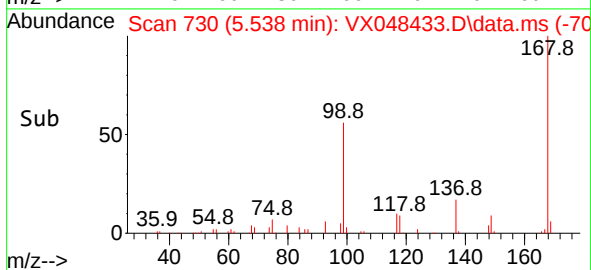
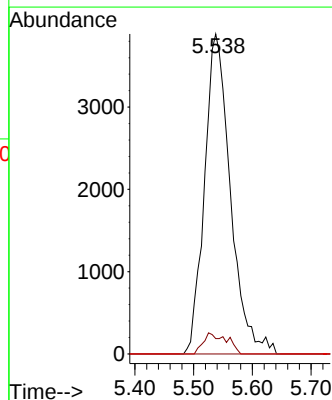
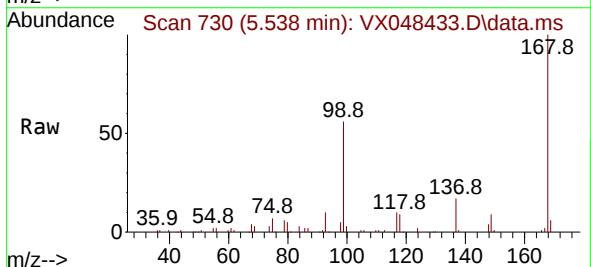
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

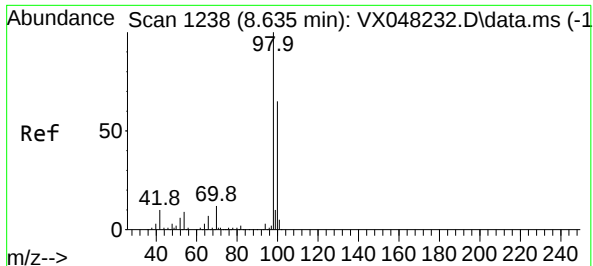
Tgt Ion: 75 Resp: 8565
Ion Ratio Lower Upper
75 100
110 0.0 17.7 53.1#
77 0.0 24.3 36.5#



#38
Carbon Tetrachloride
Concen: 4.569 ug/l
RT: 5.538 min Scan# 730
Delta R.T. -0.128 min
Lab File: VX048433.D
Acq: 31 Oct 2025 15:29

Tgt Ion: 117 Resp: 11937
Ion Ratio Lower Upper
117 100
119 4.8 77.2 115.8#
121 0.0 24.8 37.2#

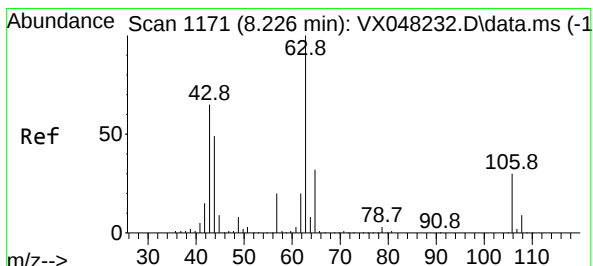
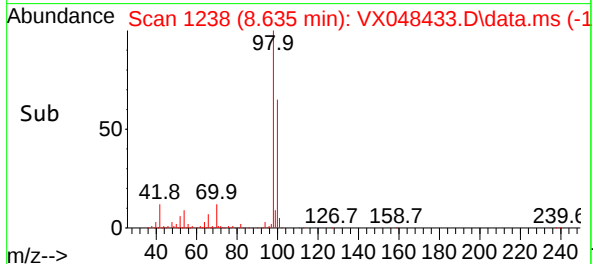
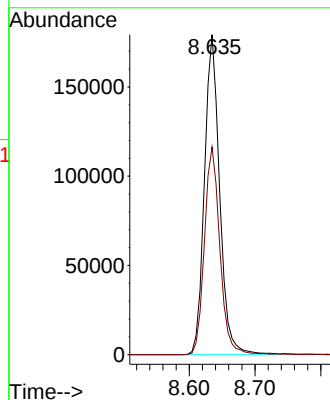
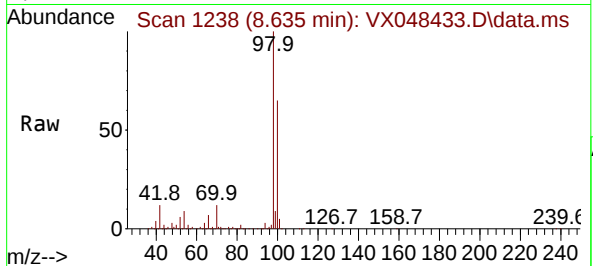




#50
Toluene-d8
Concen: 48.585 ug/l
RT: 8.635 min Scan# 1159
Delta R.T. 0.000 min
Lab File: VX048433.D
Acq: 31 Oct 2025 15:29

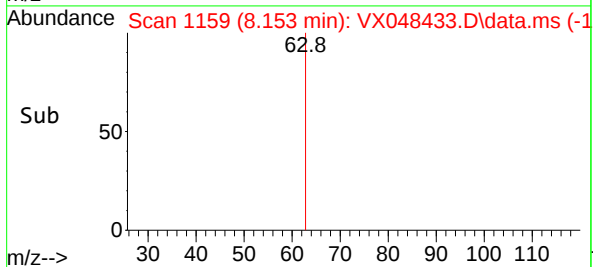
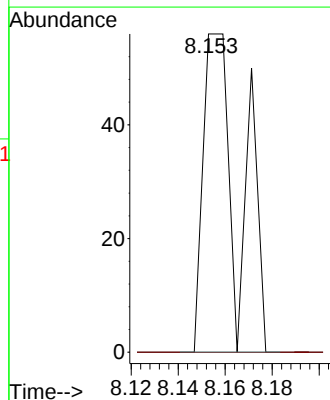
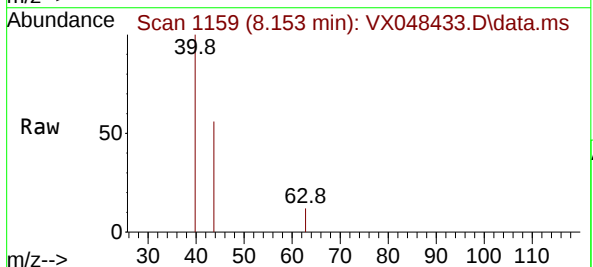
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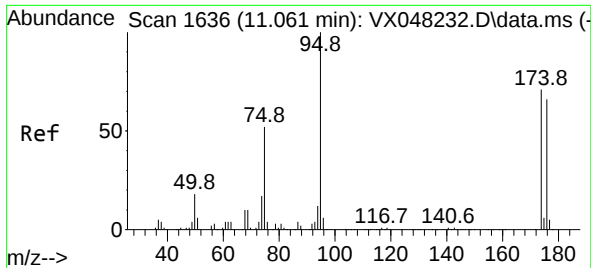
Tgt Ion: 98 Resp: 288962
Ion Ratio Lower Upper
98 100
100 66.1 53.0 79.4



#58
2-Chloroethyl Vinyl ether
Concen: 9.336 ug/l
RT: 8.153 min Scan# 1159
Delta R.T. -0.073 min
Lab File: VX048433.D
Acq: 31 Oct 2025 15:29

Tgt Ion: 63 Resp: 59
Ion Ratio Lower Upper
63 100
106 0.0 22.2 33.2#

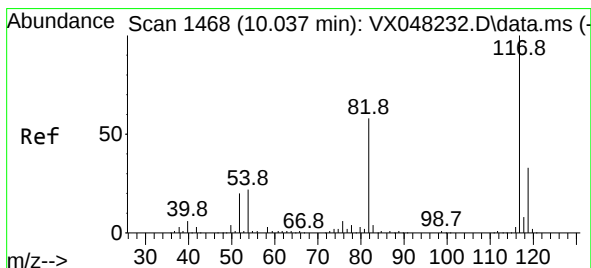
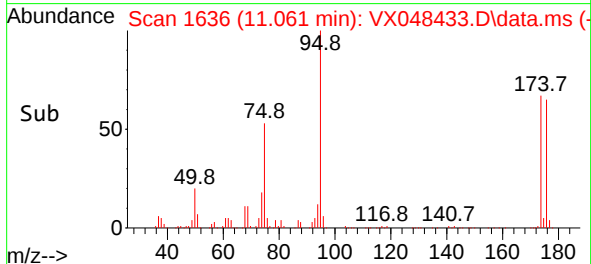
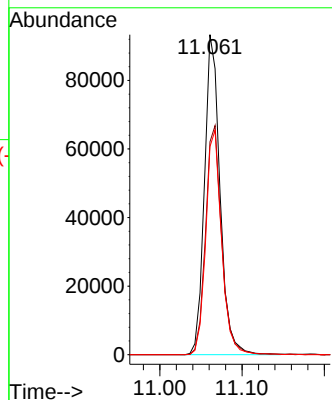
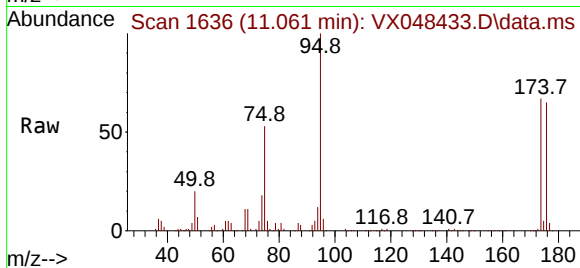




#62
4-Bromofluorobenzene
Concen: 55.086 ug/l
RT: 11.061 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048433.D
Acq: 31 Oct 2025 15:29

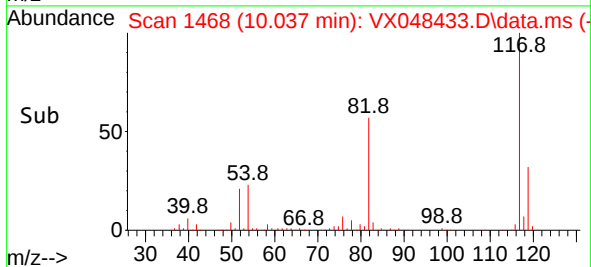
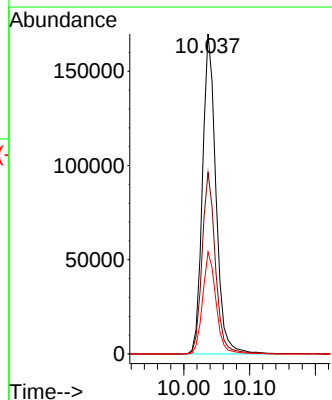
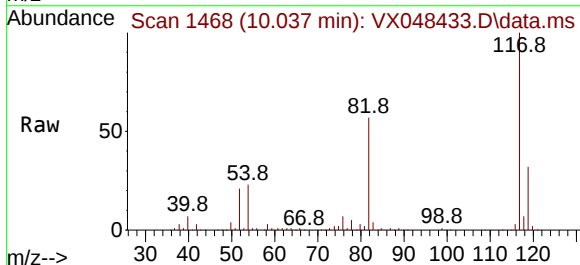
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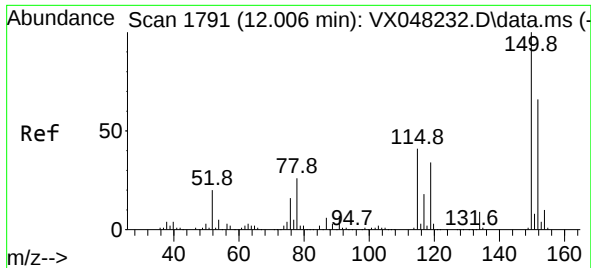
Tgt Ion: 95 Resp: 122557
Ion Ratio Lower Upper
95 100
174 74.3 0.0 147.8
176 71.3 0.0 142.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. 0.000 min
Lab File: VX048433.D
Acq: 31 Oct 2025 15:29

Tgt Ion: 117 Resp: 241964
Ion Ratio Lower Upper
117 100
82 56.7 46.5 69.7
119 31.8 25.9 38.9

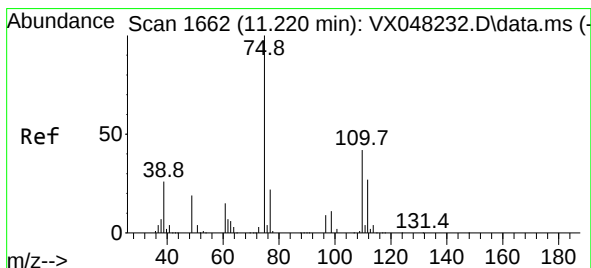
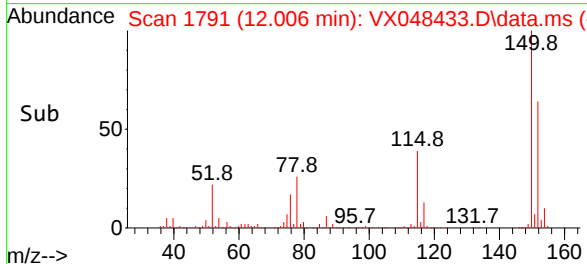
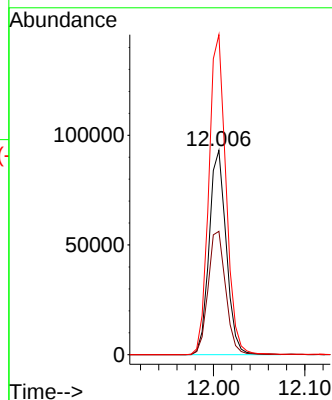
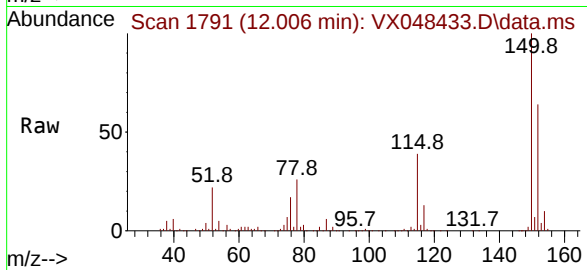




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.006 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX048433.D
 Acq: 31 Oct 2025 15:29

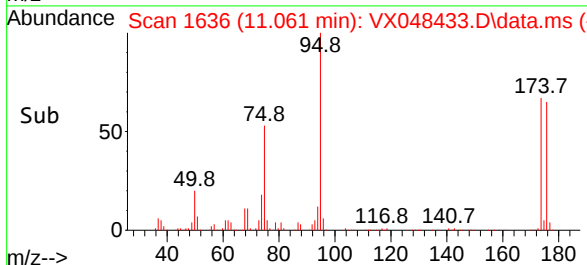
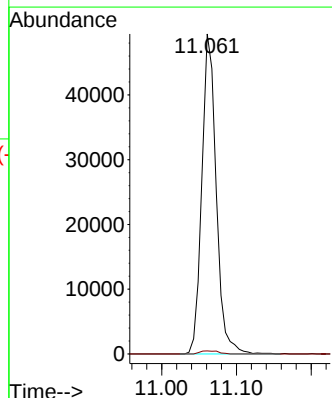
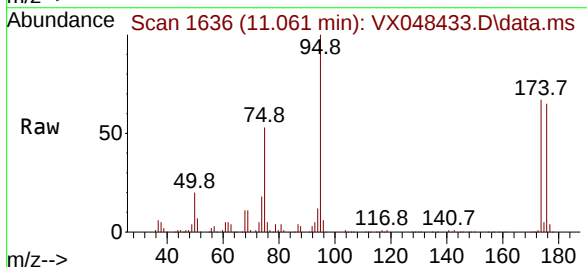
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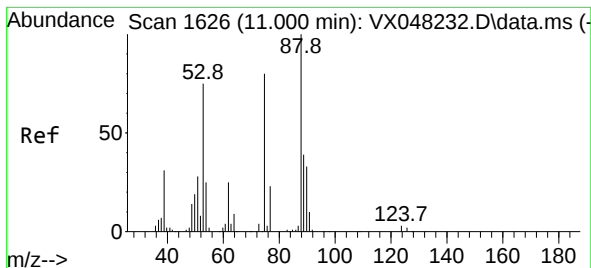
Tgt Ion:152 Resp: 120863
 Ion Ratio Lower Upper
 152 100
 115 62.2 43.1 129.4
 150 157.6 0.0 353.0



#76
 1,2,3-Trichloropropane
 Concen: 38.019 ug/l
 RT: 11.061 min Scan# 1636
 Delta R.T. -0.158 min
 Lab File: VX048433.D
 Acq: 31 Oct 2025 15:29

Tgt Ion: 75 Resp: 66083
 Ion Ratio Lower Upper
 75 100
 77 1.2 22.4 67.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 131.568 ug/l
 RT: 11.061 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX048433.D
 Acq: 31 Oct 2025 15:29

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

Tgt Ion: 75 Resp: 66083
 Ion Ratio Lower Upper
 75 100
 53 0.0 79.5 119.3#
 89 0.0 36.8 55.2#

