

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112025\
 Data File : VX048632.D
 Acq On : 20 Nov 2025 13:07
 Operator : JC/MD
 Sample : Q3689-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 251119025-03 Trip blank

Quant Time: Nov 21 00:31:57 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 08 05:08:11 2025
 Response via : Initial Calibration

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

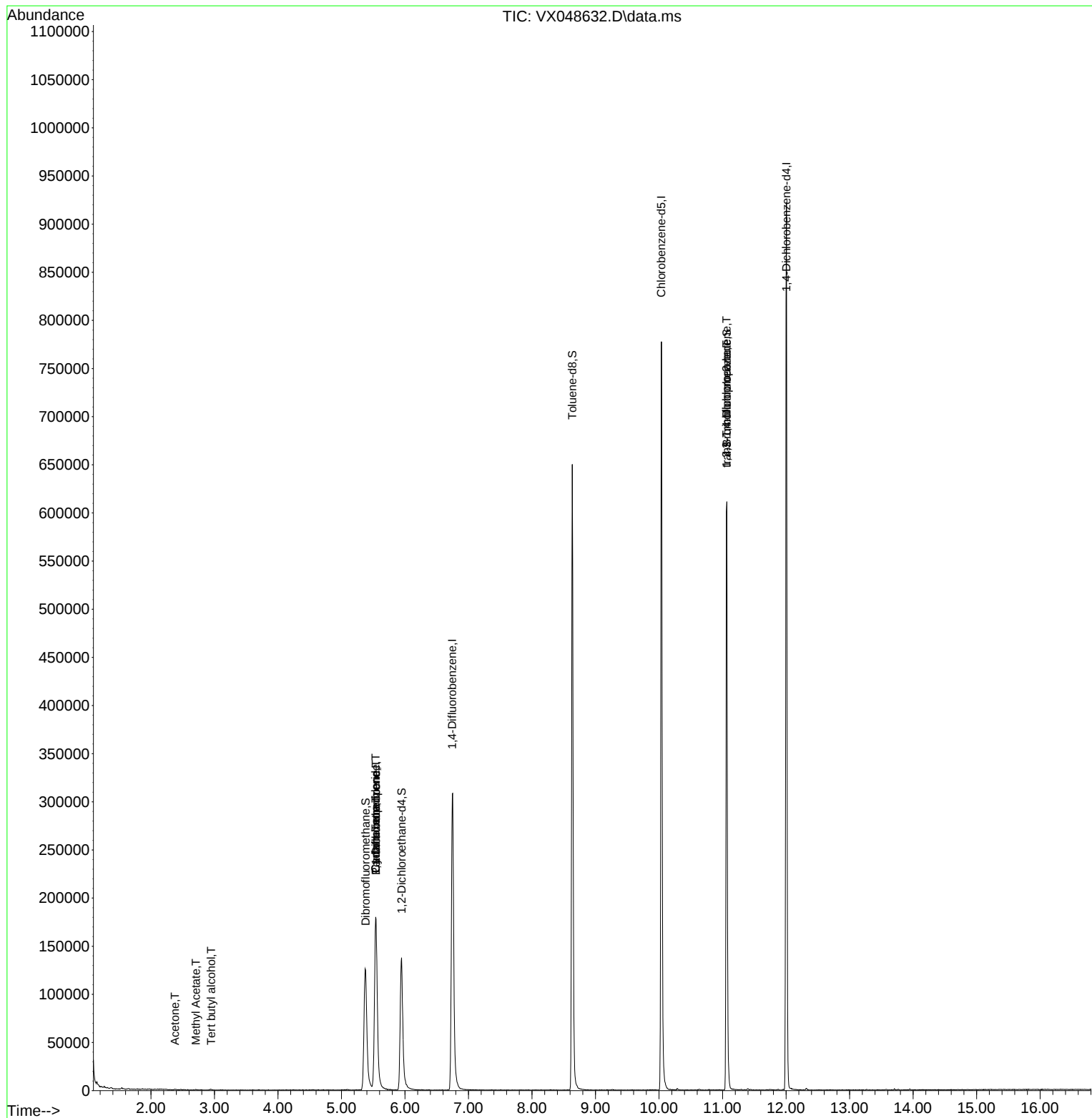
Internal Standards						
1) Pentafluorobenzene	5.543	168	189254	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.744	114	351085	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.036	117	371633	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	196397	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	149097	56.538	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 113.080%			
35) Dibromofluoromethane	5.379	113	125777	47.334	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 94.660%			
50) Toluene-d8	8.634	98	397108	47.917	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 95.840%			
62) 4-Bromofluorobenzene	11.067	95	174592	56.530	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 113.060%			
Target Compounds						Qvalue
11) Tert butyl alcohol	2.946	59	151	0.302	ug/l #	71
16) Acetone	2.379	43	940	0.753	ug/l	99
18) Methyl Acetate	2.708	43	954	0.278	ug/l #	71
31) Cyclohexane	5.537	56	4039	1.141	ug/l #	3
36) 1,1-Dichloropropene	5.543	75	14532	4.084	ug/l #	49
38) Carbon Tetrachloride	5.537	117	19668	4.856	ug/l #	16
76) 1,2,3-Trichloropropane	11.061	75	91908	19.425	ug/l #	30
81) trans-1,4-Dichloro-2-b...	11.061	75	91908	55.561	ug/l #	12

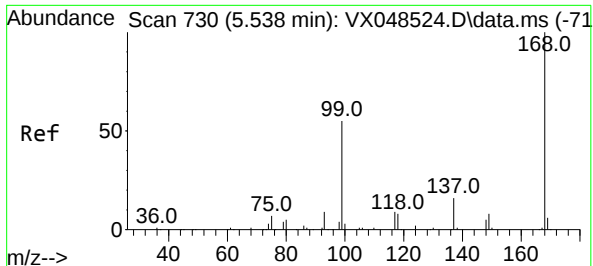
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_X
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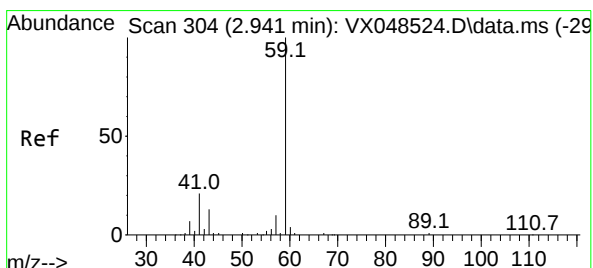
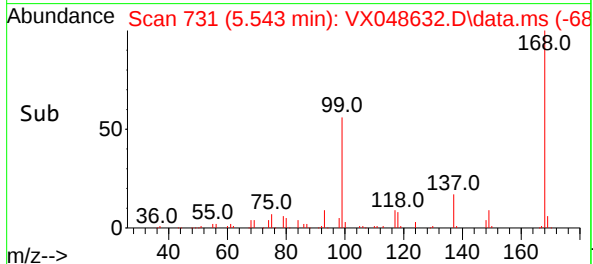
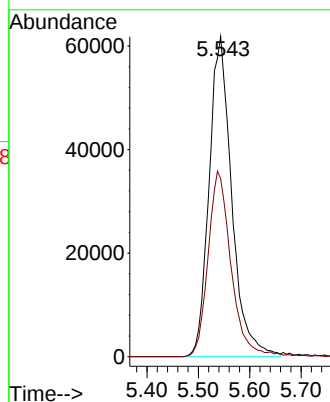
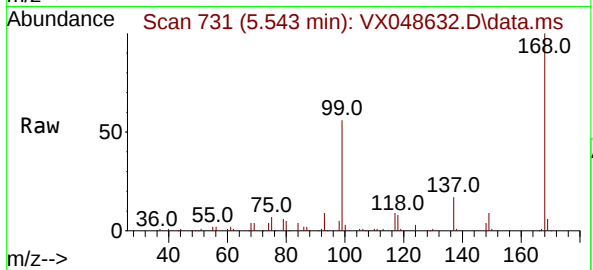




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.543 min Scan# 71
Delta R.T. 0.005 min
Lab File: VX048632.D
Acq: 20 Nov 2025 13:07

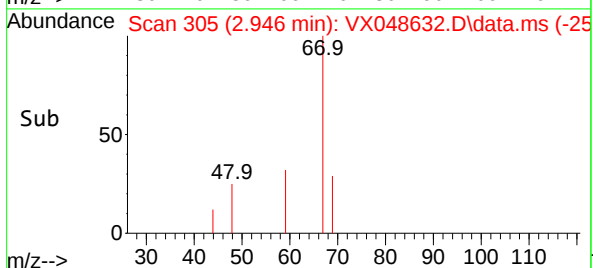
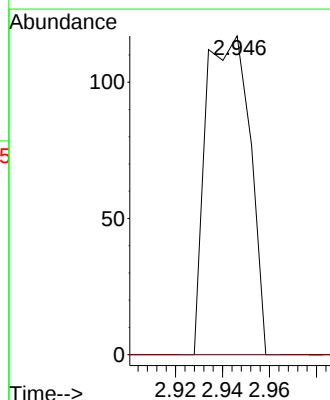
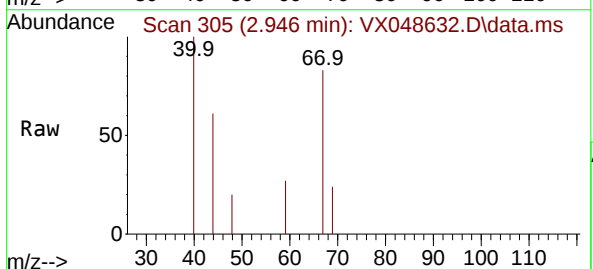
Instrument :
MSVOA_X
ClientSampleId :
251119025-03 Trip blank

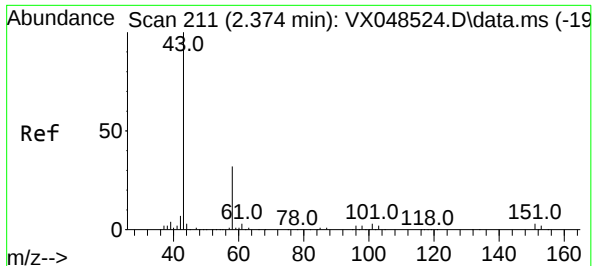
Tgt Ion:168 Resp: 189254
Ion Ratio Lower Upper
168 100
99 55.6 45.2 67.8



#11
Tert butyl alcohol
Concen: 0.302 ug/l
RT: 2.946 min Scan# 305
Delta R.T. 0.006 min
Lab File: VX048632.D
Acq: 20 Nov 2025 13:07

Tgt Ion: 59 Resp: 151
Ion Ratio Lower Upper
59 100
57 0.0 8.6 13.0#

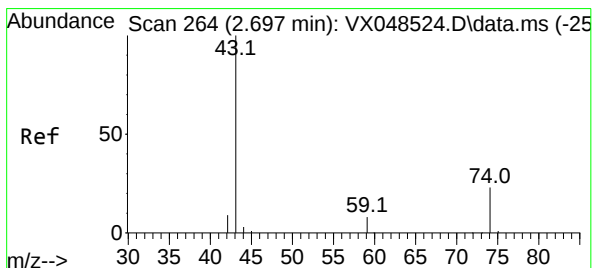
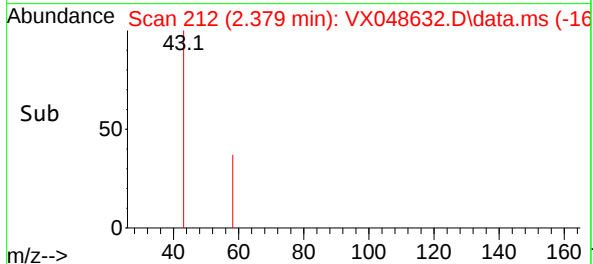
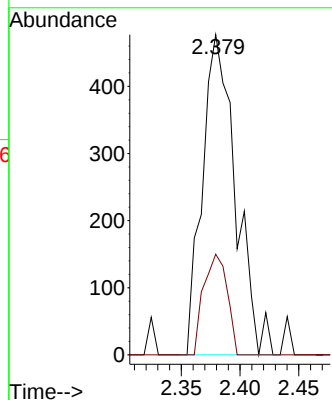
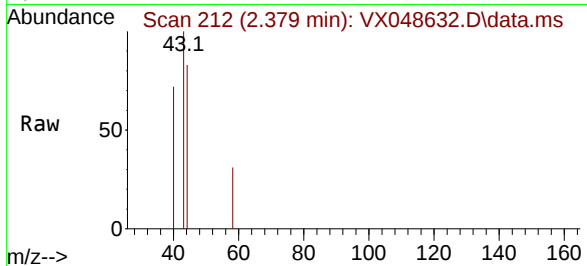




#16
Acetone
Concen: 0.753 ug/l
RT: 2.379 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX048632.D
Acq: 20 Nov 2025 13:07

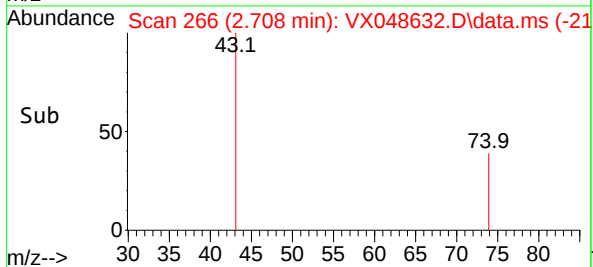
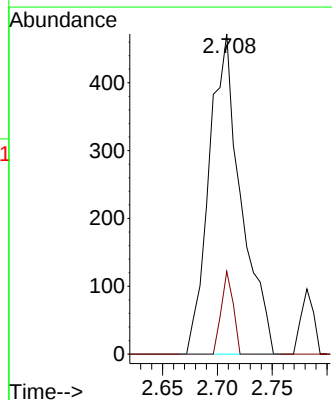
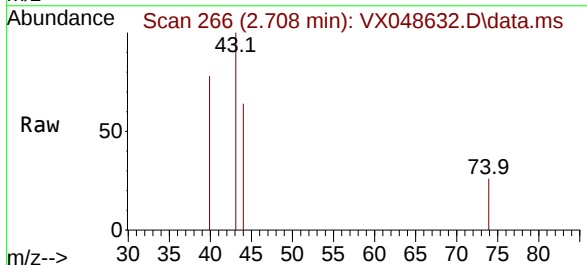
Instrument :
MSVOA_X
ClientSampleId :
251119025-03 Trip blank

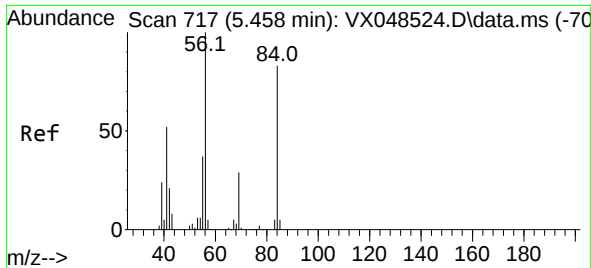
Tgt Ion: 43 Resp: 940
Ion Ratio Lower Upper
43 100
58 31.4 25.8 38.6



#18
Methyl Acetate
Concen: 0.278 ug/l
RT: 2.708 min Scan# 266
Delta R.T. 0.012 min
Lab File: VX048632.D
Acq: 20 Nov 2025 13:07

Tgt Ion: 43 Resp: 954
Ion Ratio Lower Upper
43 100
74 9.6 19.1 28.7#

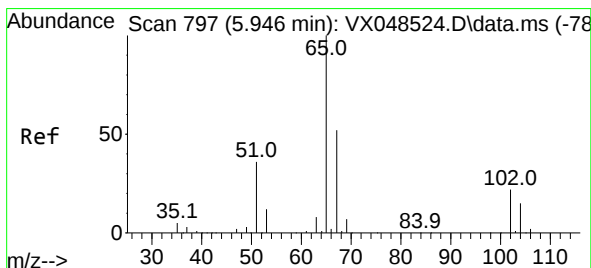
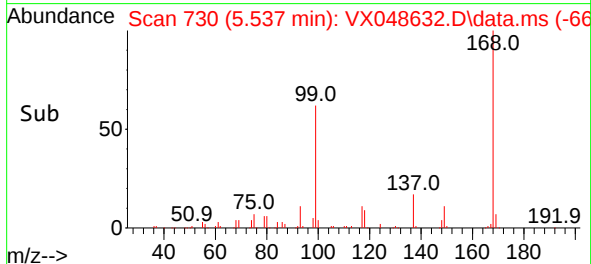
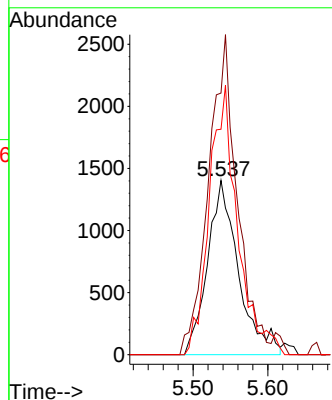
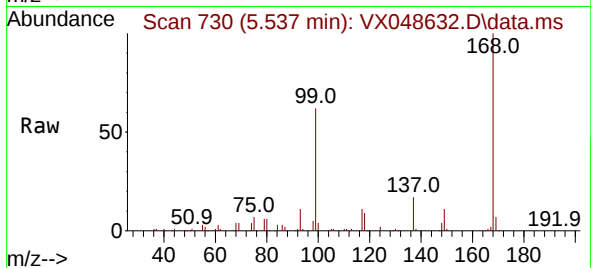




#31
Cyclohexane
Concen: 1.141 ug/l
RT: 5.537 min Scan# 717
Delta R.T. 0.079 min
Lab File: VX048632.D
Acq: 20 Nov 2025 13:07

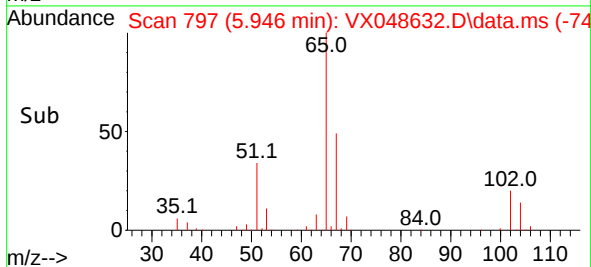
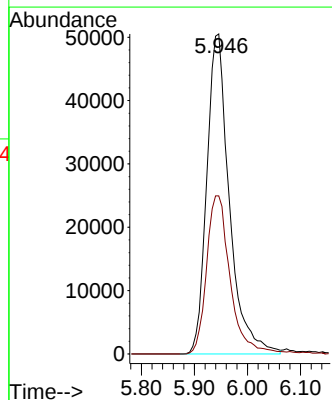
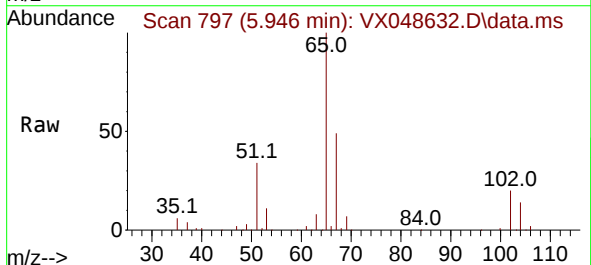
Instrument :
MSVOA_X
ClientSampleId :
251119025-03 Trip blank

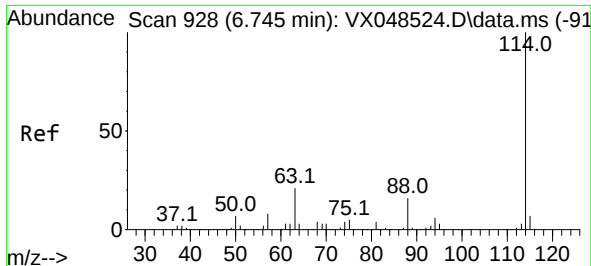
Tgt Ion: 56 Resp: 4039
Ion Ratio Lower Upper
56 100
69 150.2 23.4 35.2#
84 129.4 66.3 99.5#



#33
1,2-Dichloroethane-d4
Concen: 56.538 ug/l
RT: 5.946 min Scan# 797
Delta R.T. -0.000 min
Lab File: VX048632.D
Acq: 20 Nov 2025 13:07

Tgt Ion: 65 Resp: 149097
Ion Ratio Lower Upper
65 100
67 51.9 0.0 106.2

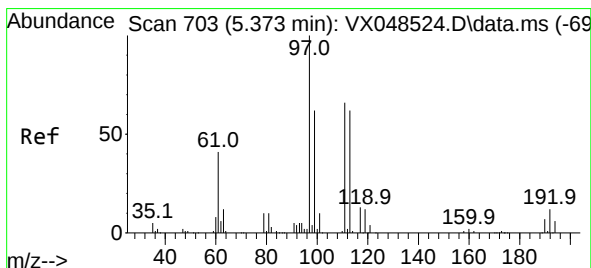
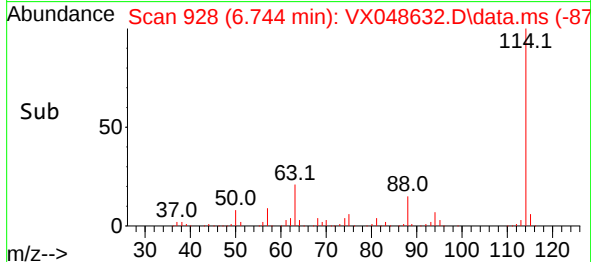
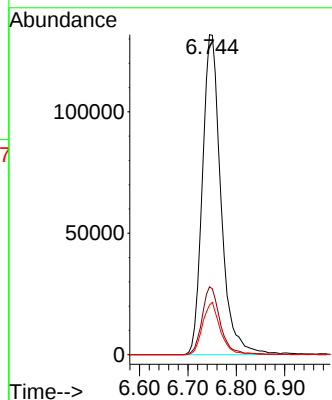
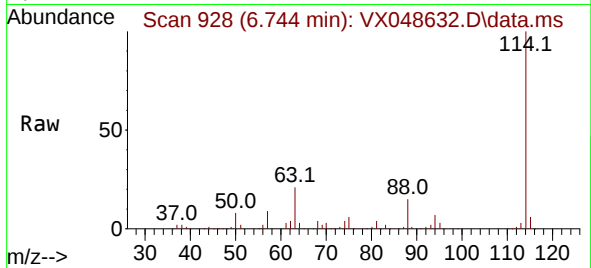




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.744 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX048632.D
Acq: 20 Nov 2025 13:07

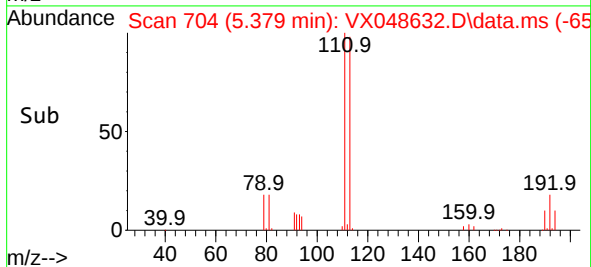
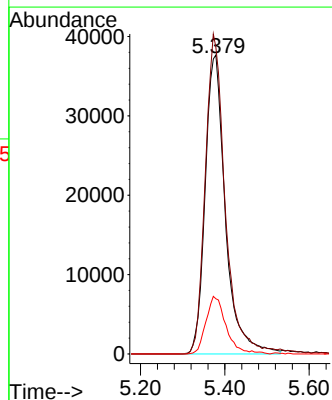
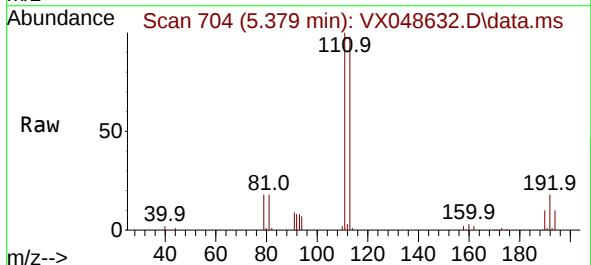
Instrument :
MSVOA_X
ClientSampleId :
251119025-03 Trip blank

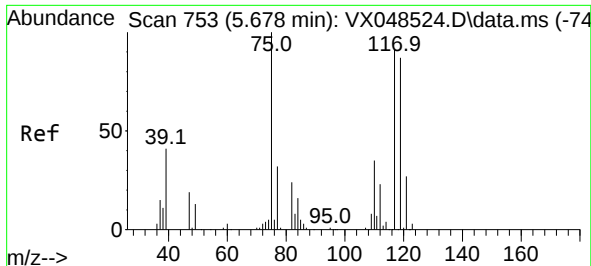
Tgt Ion:114 Resp: 351085
Ion Ratio Lower Upper
114 100
63 21.2 0.0 41.2
88 15.5 0.0 32.2



#35
Dibromofluoromethane
Concen: 47.334 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX048632.D
Acq: 20 Nov 2025 13:07

Tgt Ion:113 Resp: 125777
Ion Ratio Lower Upper
113 100
111 106.6 81.9 122.9
192 19.2 15.8 23.6

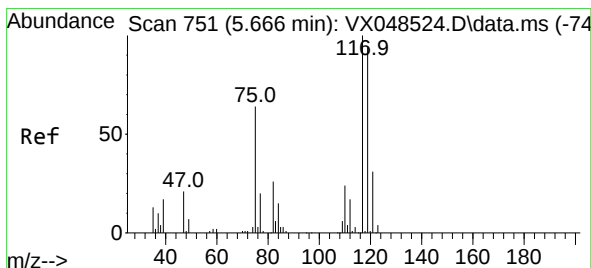
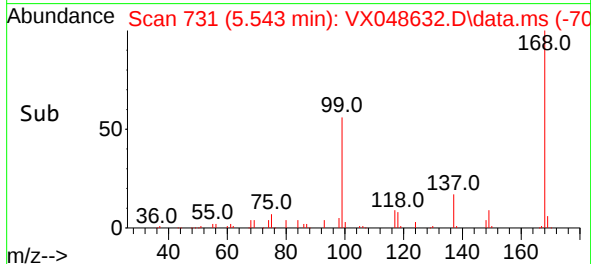
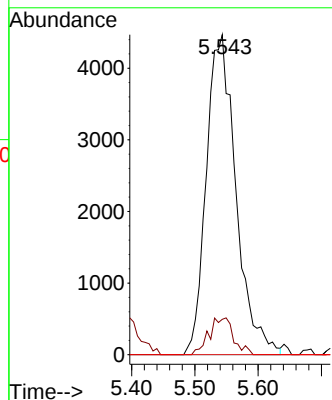
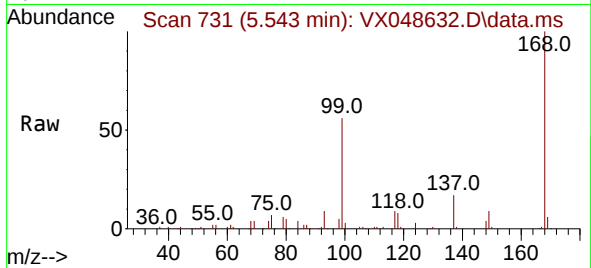




#36
1,1-Dichloropropene
Concen: 4.084 ug/l
RT: 5.543 min Scan# 71
Delta R.T. -0.135 min
Lab File: VX048632.D
Acq: 20 Nov 2025 13:07

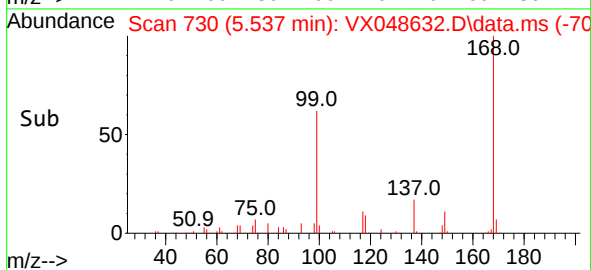
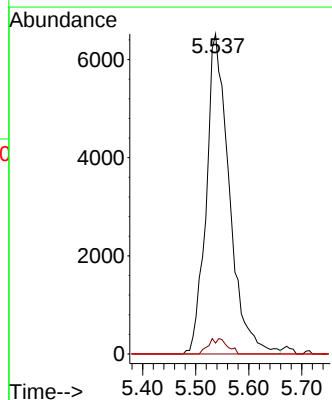
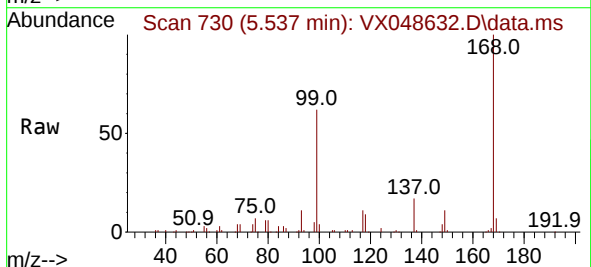
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ClientSampleId :
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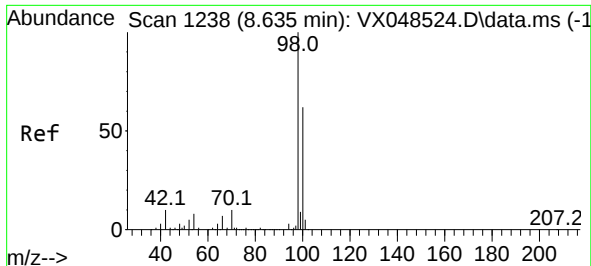
Tgt Ion: 75 Resp: 14532
Ion Ratio Lower Upper
75 100
110 9.5 18.4 55.4#
77 0.0 24.6 37.0#



#38
Carbon Tetrachloride
Concen: 4.856 ug/l
RT: 5.537 min Scan# 730
Delta R.T. -0.129 min
Lab File: VX048632.D
Acq: 20 Nov 2025 13:07

Tgt Ion: 117 Resp: 19668
Ion Ratio Lower Upper
117 100
119 3.4 74.5 111.7#
121 0.0 24.8 37.2#

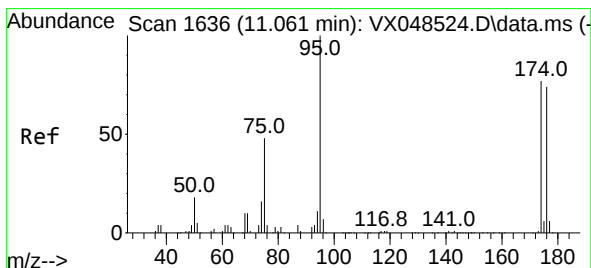
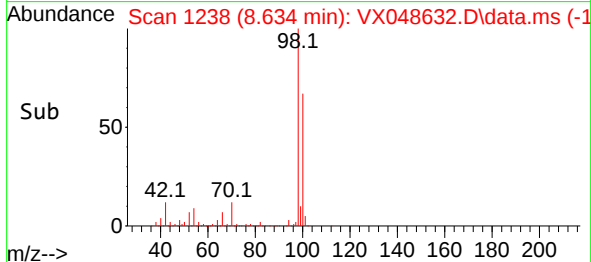
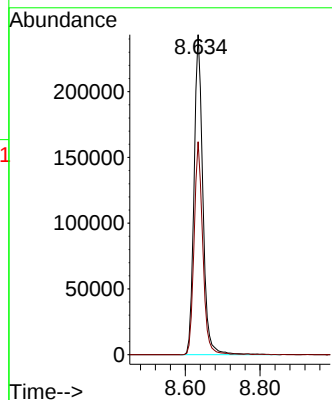
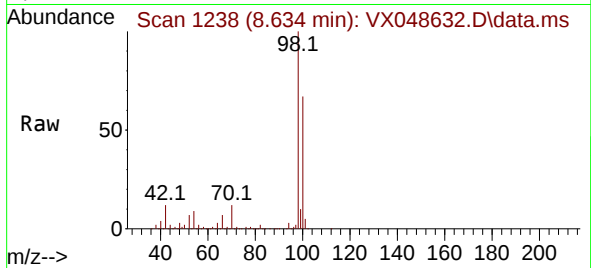




#50
Toluene-d8
Concen: 47.917 ug/l
RT: 8.634 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048632.D
Acq: 20 Nov 2025 13:07

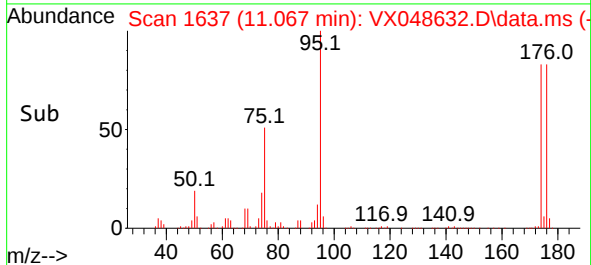
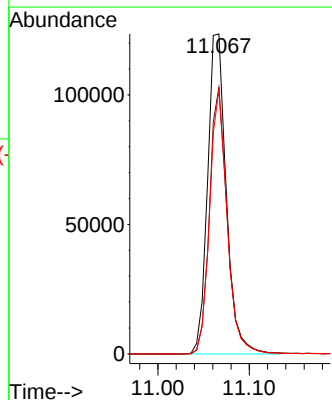
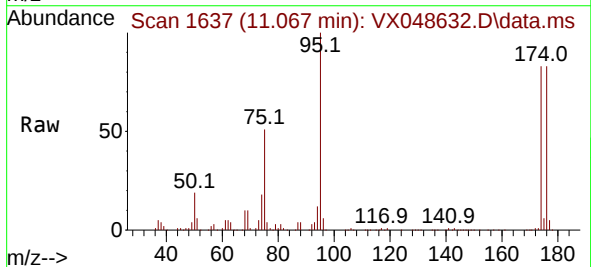
Instrument :
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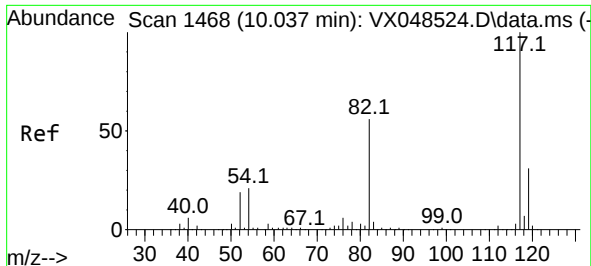
Tgt Ion: 98 Resp: 397108
Ion Ratio Lower Upper
98 100
100 65.4 53.6 80.4



#62
4-Bromofluorobenzene
Concen: 56.530 ug/l
RT: 11.067 min Scan# 1637
Delta R.T. 0.006 min
Lab File: VX048632.D
Acq: 20 Nov 2025 13:07

Tgt Ion: 95 Resp: 174592
Ion Ratio Lower Upper
95 100
174 79.6 0.0 161.8
176 77.6 0.0 153.6

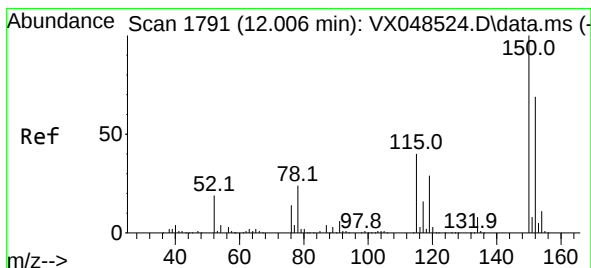
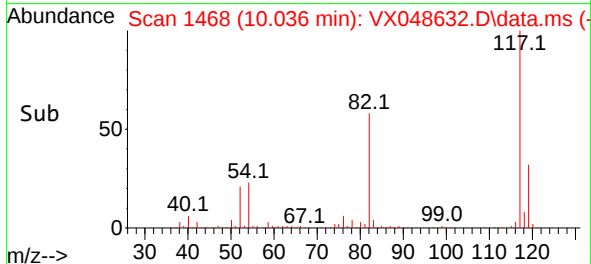
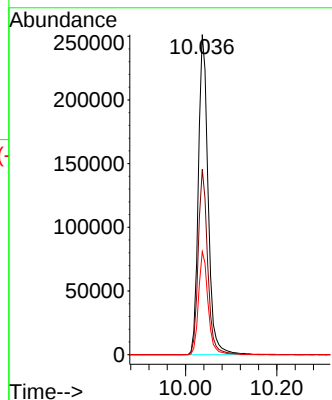
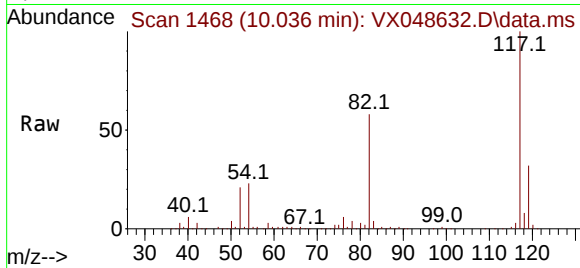




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.036 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048632.D
Acq: 20 Nov 2025 13:07

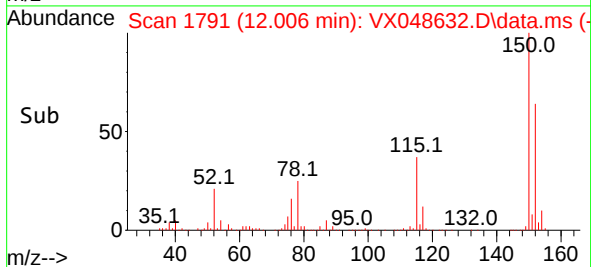
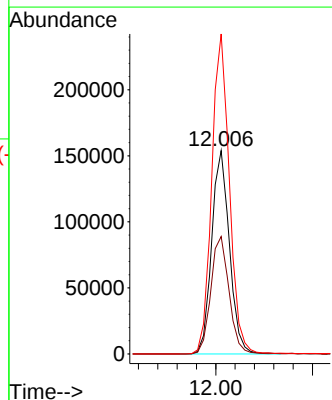
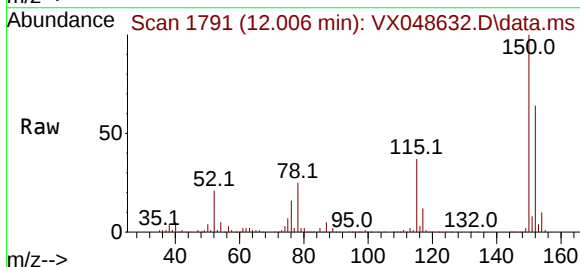
Instrument :
MSVOA_X
ClientSampleId :
251119025-03 Trip blank

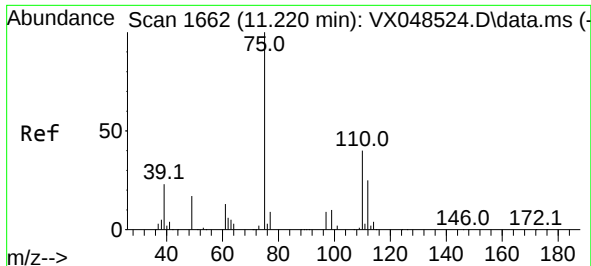
Tgt Ion:117 Resp: 371633
Ion Ratio Lower Upper
117 100
82 57.9 44.4 66.6
119 32.2 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX048632.D
Acq: 20 Nov 2025 13:07

Tgt Ion:152 Resp: 196397
Ion Ratio Lower Upper
152 100
115 59.5 39.2 117.6
150 156.6 0.0 347.0

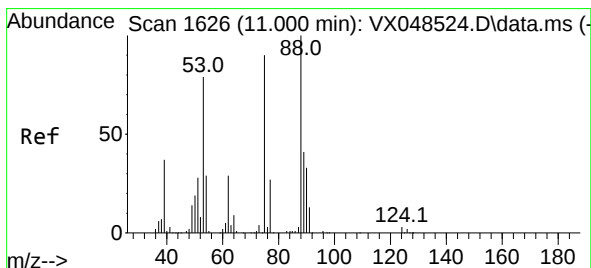
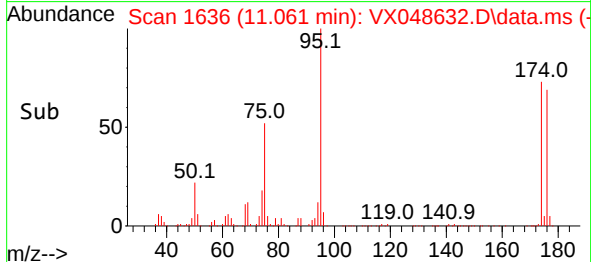
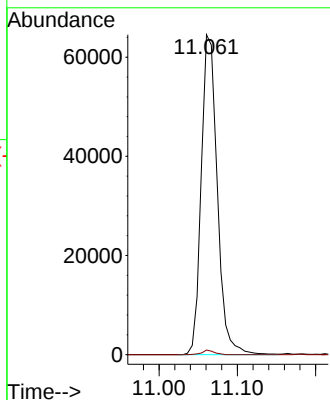
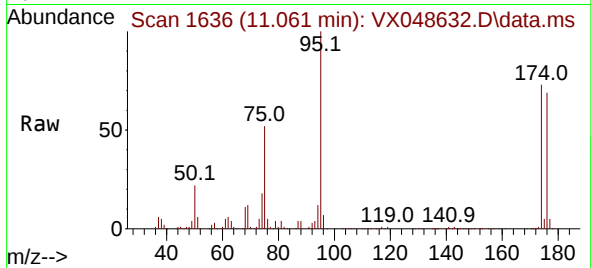




#76
1,2,3-Trichloropropane
Concen: 19.425 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.159 min
Lab File: VX048632.D
Acq: 20 Nov 2025 13:07

Instrument :
MSVOA_X
ClientSampleId :
251119025-03 Trip blank

Tgt Ion: 75 Resp: 91908
Ion Ratio Lower Upper
75 100
77 1.1 24.3 72.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 55.561 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. 0.060 min
Lab File: VX048632.D
Acq: 20 Nov 2025 13:07

Tgt Ion: 75 Resp: 91908
Ion Ratio Lower Upper
75 100
53 0.0 72.4 108.6#
89 0.0 43.6 65.4#

