

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091825\
 Data File : VX047647.D
 Acq On : 18 Sep 2025 17:27
 Operator : JC/MD
 Sample : Q3095-34
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB02-20250911

Quant Time: Sep 22 03:40:39 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 17 06:39:58 2025
 Response via : Initial Calibration

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

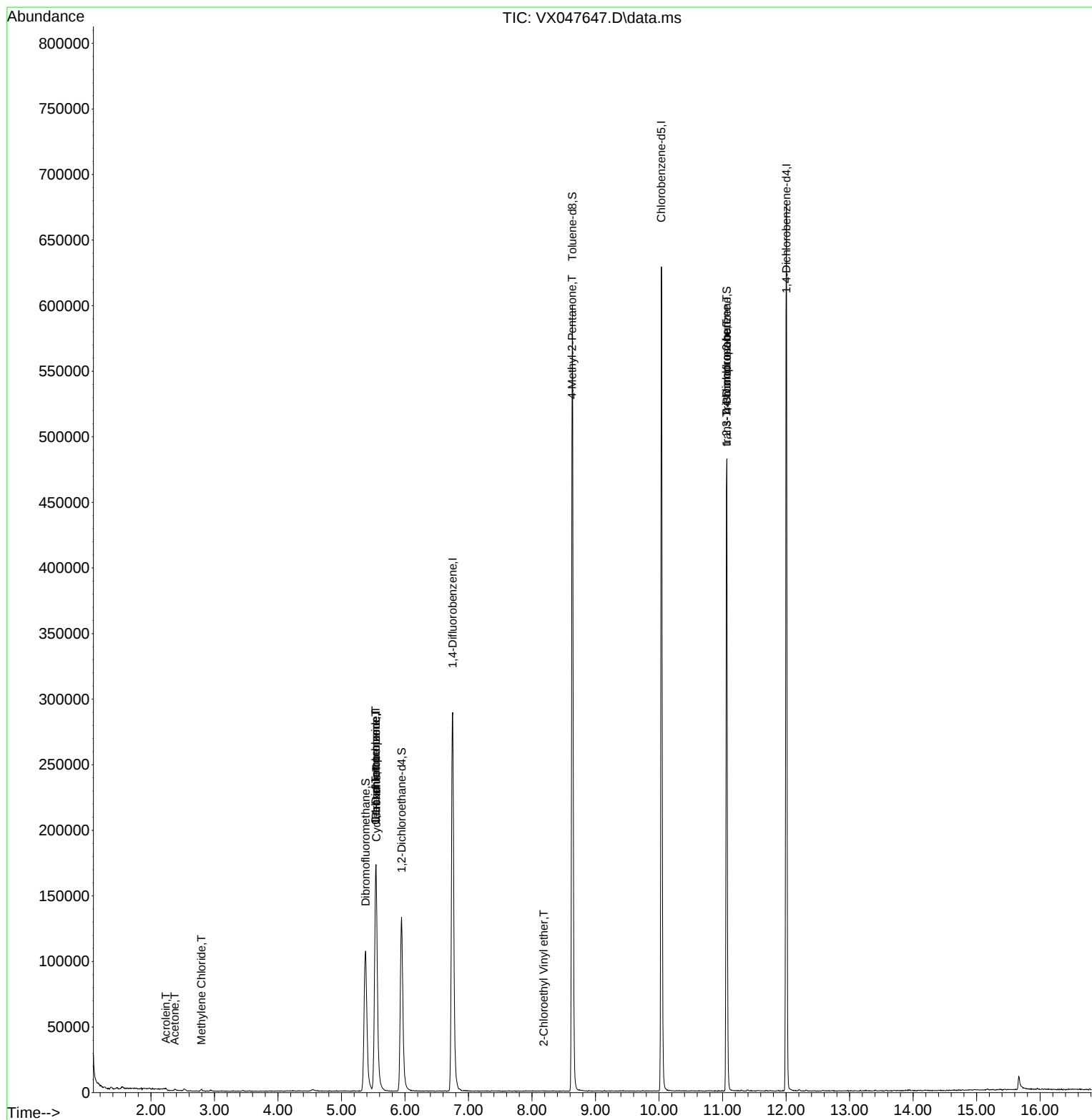
Internal Standards						
1) Pentafluorobenzene	5.543	168	172433	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.750	114	318063	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.036	117	288916	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	139535	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	141006	51.374	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 102.740%			
35) Dibromofluoromethane	5.379	113	105606	49.508	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.020%			
50) Toluene-d8	8.634	98	364069	49.325	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 98.660%			
62) 4-Bromofluorobenzene	11.067	95	139439	49.778	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 99.560%			
Target Compounds						Qvalue
13) Acrolein	2.233	56	80	0.284	ug/l #	14
16) Acetone	2.373	43	1715	1.437	ug/l	93
20) Methylene Chloride	2.794	84	667	0.264	ug/l #	61
31) Cyclohexane	5.549	56	3809	1.050	ug/l #	32
36) 1,1-Dichloropropene	5.537	75	14227	4.564	ug/l #	50
38) Carbon Tetrachloride	5.537	117	18828	5.559	ug/l #	18
51) 4-Methyl-2-Pentanone	8.628	43	1709	0.563	ug/l #	1
58) 2-Chloroethyl Vinyl ether	8.183	63	73	7.936	ug/l #	47
76) 1,2,3-Trichloropropane	11.061	75	73661	26.073	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.061	75	73661	66.491	ug/l #	8

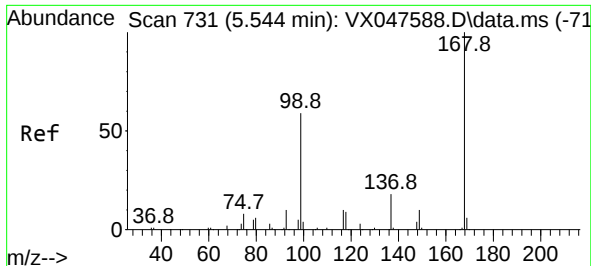
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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TB02-20250911

Quant Time: Sep 22 03:40:39 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

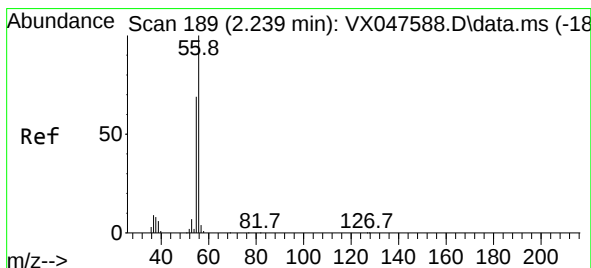
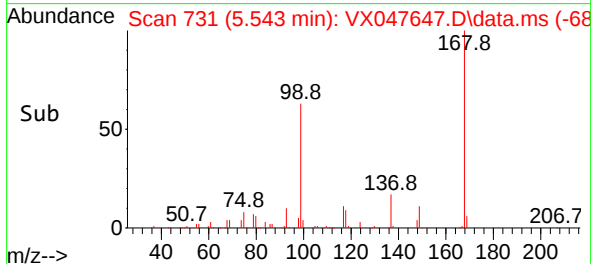
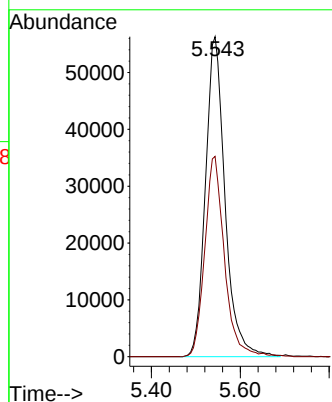
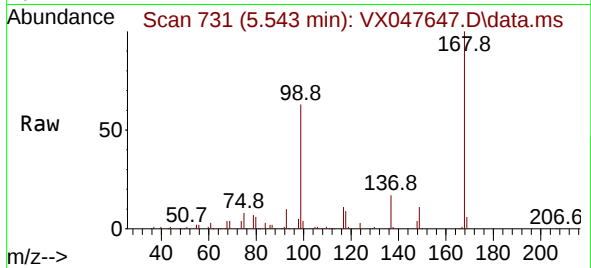




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.543 min Scan# 71
Delta R.T. -0.001 min
Lab File: VX047647.D
Acq: 18 Sep 2025 17:27

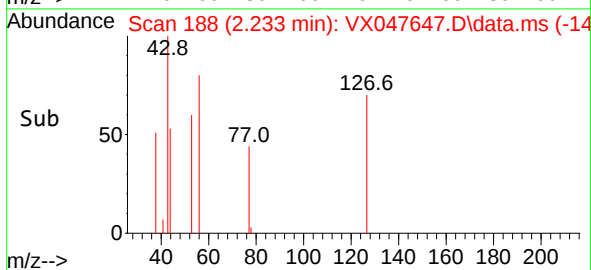
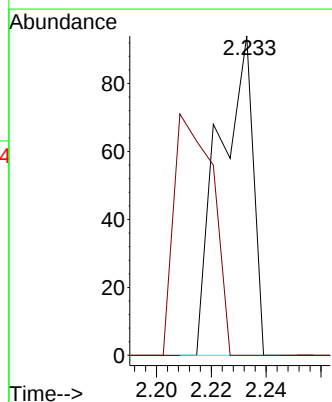
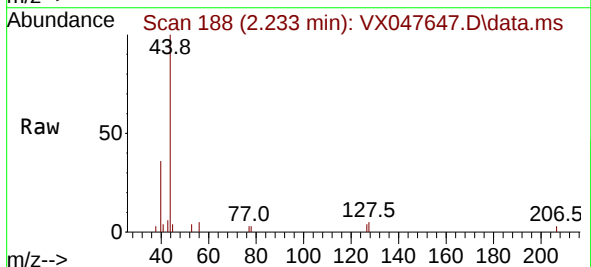
Instrument :
MSVOA_X
ClientSampleId :
TB02-20250911

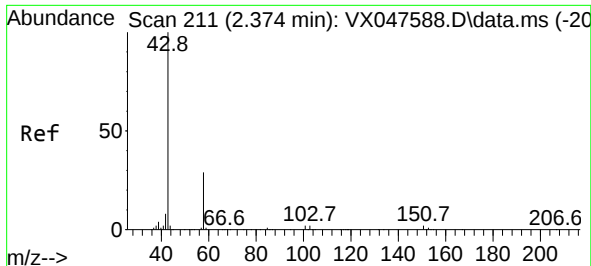
Tgt Ion:168 Resp: 172433
Ion Ratio Lower Upper
168 100
99 62.6 48.8 73.2



#13
Acrolein
Concen: 0.284 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.007 min
Lab File: VX047647.D
Acq: 18 Sep 2025 17:27

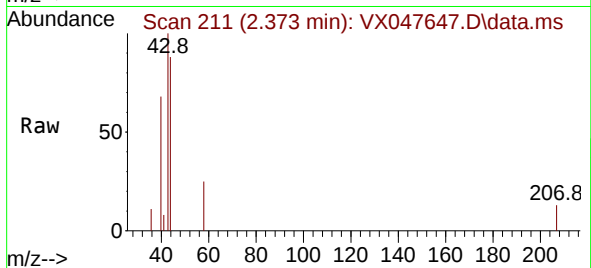
Tgt Ion: 56 Resp: 80
Ion Ratio Lower Upper
56 100
55 0.0 57.2 85.8#



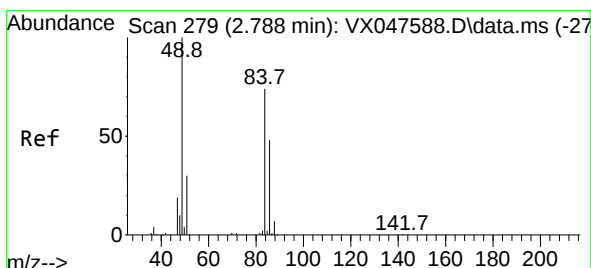
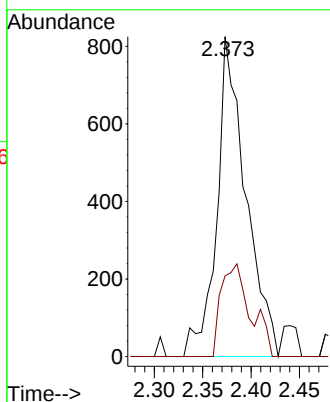
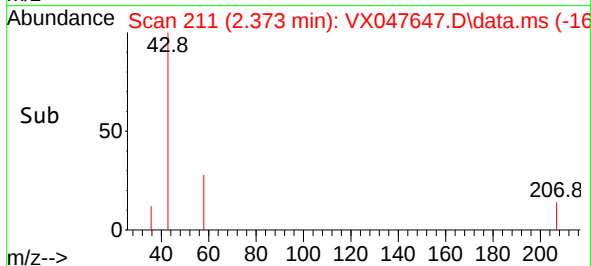


#16
Acetone
Concen: 1.437 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX047647.D
Acq: 18 Sep 2025 17:27

Instrument :
MSVOA_X
ClientSampleId :
TB02-20250911

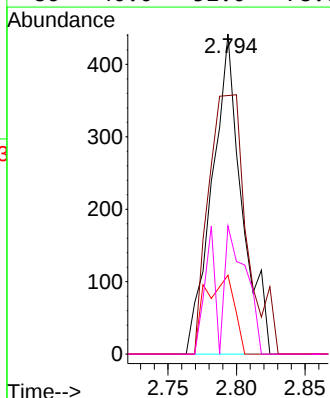
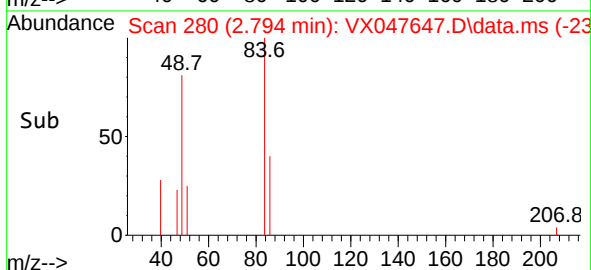
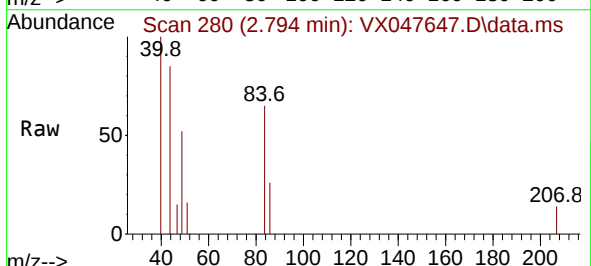


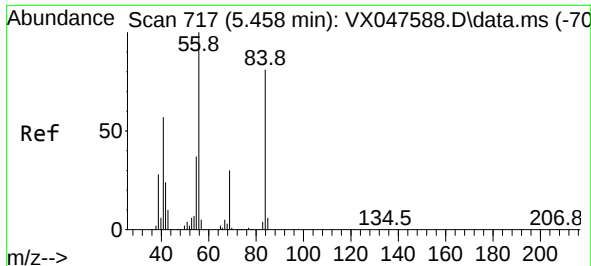
Tgt Ion: 43 Resp: 1715
Ion Ratio Lower Upper
43 100
58 25.2 23.4 35.0



#20
Methylene Chloride
Concen: 0.264 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX047647.D
Acq: 18 Sep 2025 17:27

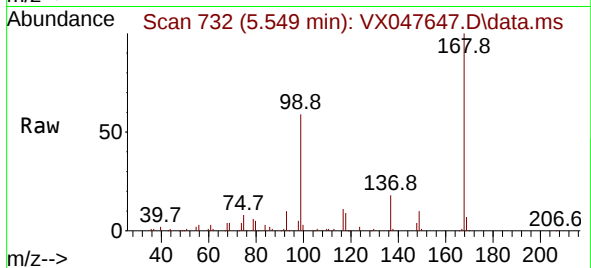
Tgt Ion: 84 Resp: 667
Ion Ratio Lower Upper
84 100
49 80.8 108.6 162.8#
51 24.7 32.6 48.8#
86 40.0 52.0 78.0#



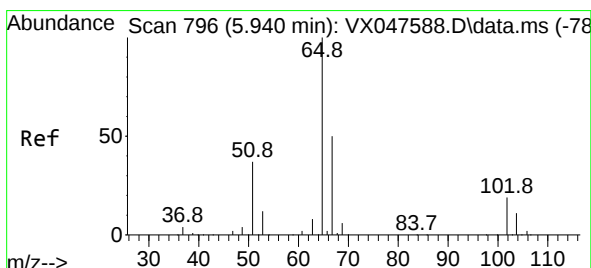
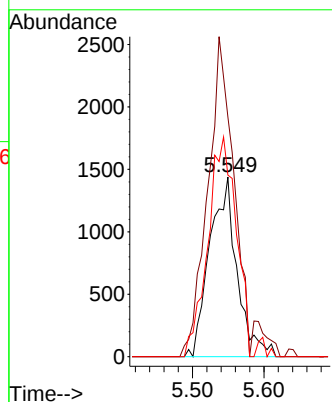
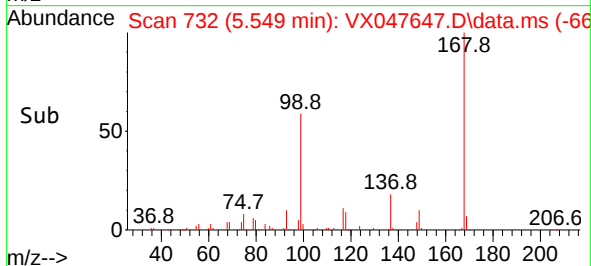


#31
Cyclohexane
Concen: 1.050 ug/l
RT: 5.549 min Scan# 717
Delta R.T. 0.091 min
Lab File: VX047647.D
Acq: 18 Sep 2025 17:27

Instrument :
MSVOA_X
ClientSampleId :
TB02-20250911

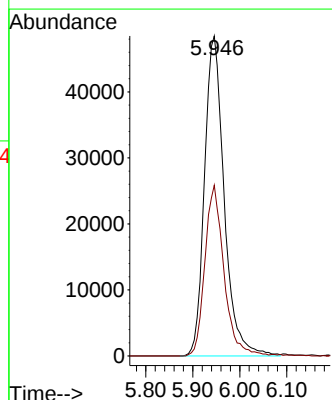
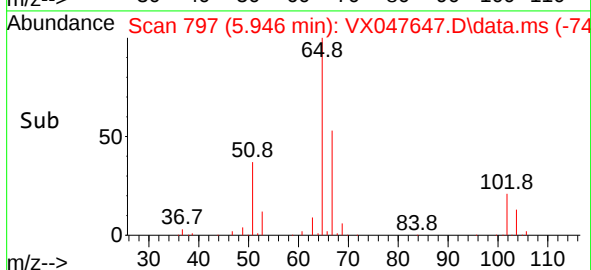
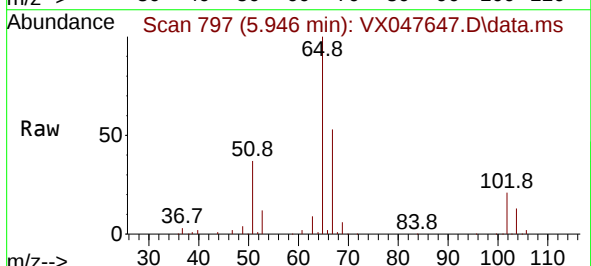


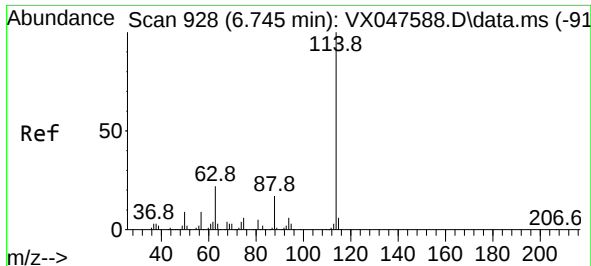
Tgt Ion: 56 Resp: 3809
Ion Ratio Lower Upper
56 100
69 133.5 23.8 35.8#
84 101.0 64.6 97.0#



#33
1,2-Dichloroethane-d4
Concen: 51.374 ug/l
RT: 5.946 min Scan# 797
Delta R.T. 0.006 min
Lab File: VX047647.D
Acq: 18 Sep 2025 17:27

Tgt Ion: 65 Resp: 141006
Ion Ratio Lower Upper
65 100
67 51.6 0.0 103.0

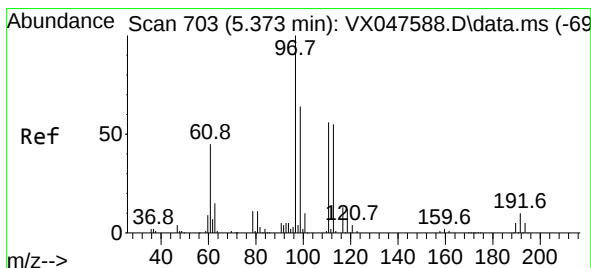
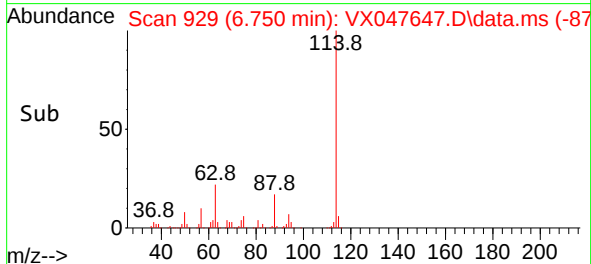
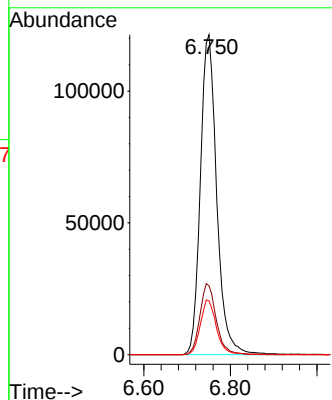
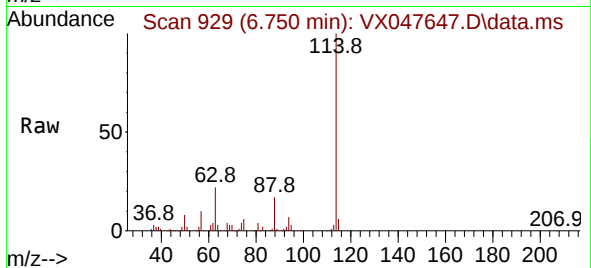




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.750 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX047647.D
Acq: 18 Sep 2025 17:27

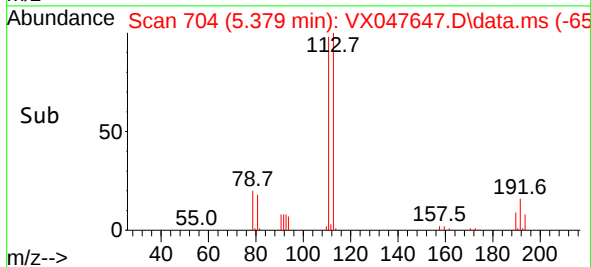
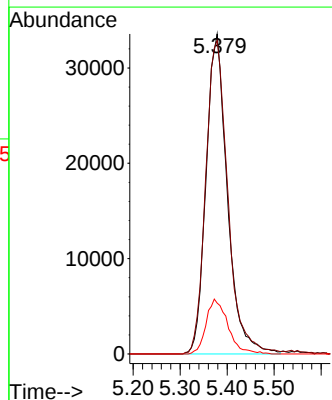
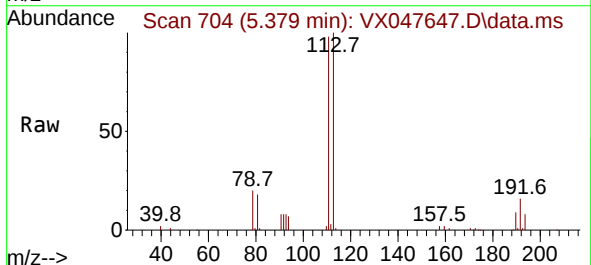
Instrument :
MSVOA_X
ClientSampleId :
TB02-20250911

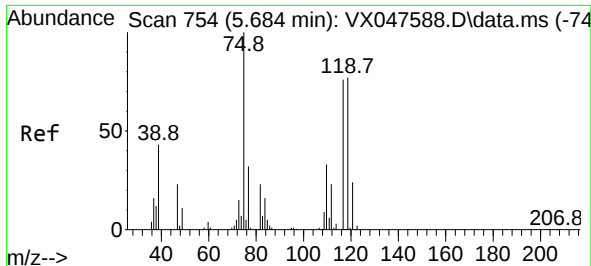
Tgt Ion:114 Resp: 318063
Ion Ratio Lower Upper
114 100
63 21.5 0.0 44.0
88 16.9 0.0 34.2



#35
Dibromofluoromethane
Concen: 49.508 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX047647.D
Acq: 18 Sep 2025 17:27

Tgt Ion:113 Resp: 105606
Ion Ratio Lower Upper
113 100
111 102.2 80.9 121.3
192 17.6 14.2 21.4

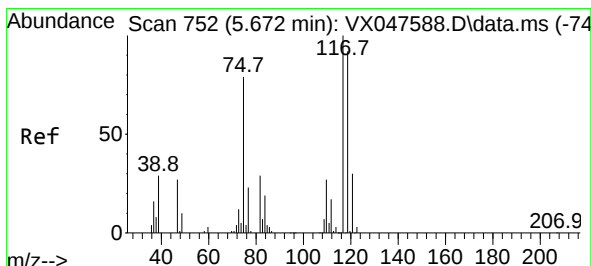
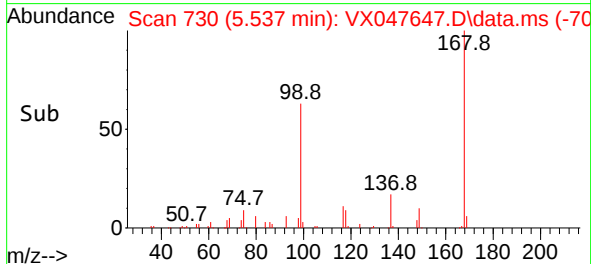
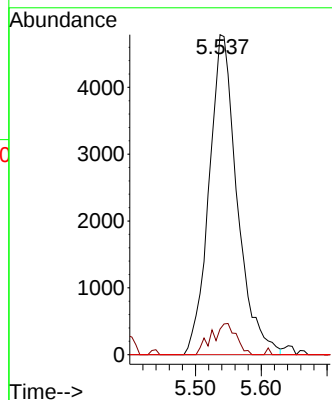
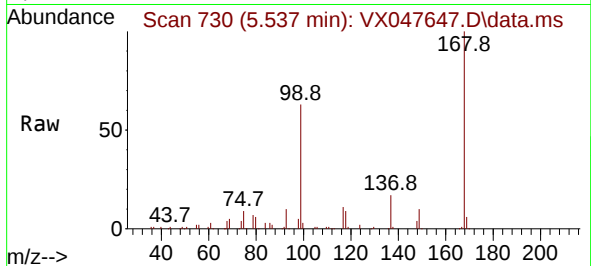




#36
1,1-Dichloropropene
Concen: 4.564 ug/l
RT: 5.537 min Scan# 71
Delta R.T. -0.147 min
Lab File: VX047647.D
Acq: 18 Sep 2025 17:27

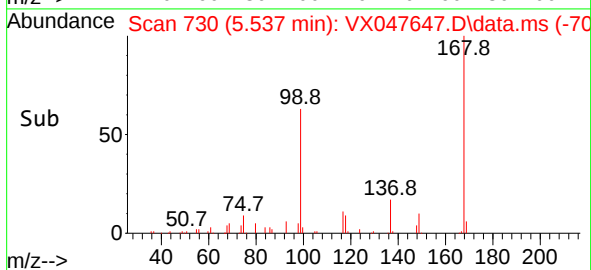
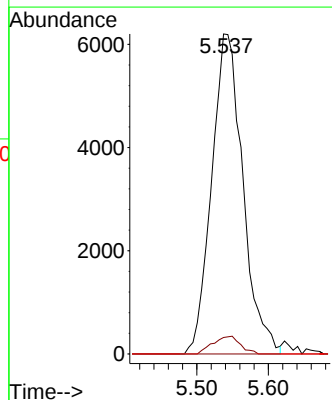
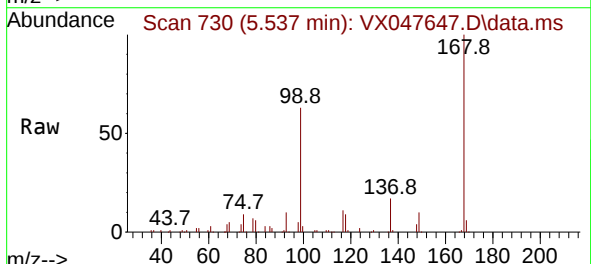
Instrument :
MSVOA_X
ClientSampleId :
TB02-20250911

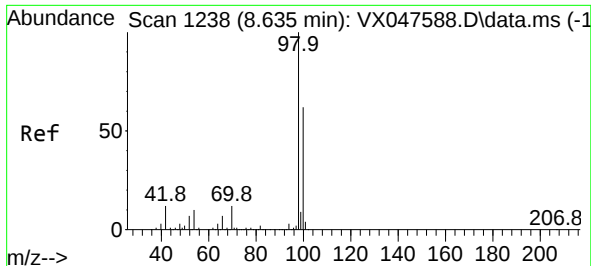
Tgt Ion: 75 Resp: 14227
Ion Ratio Lower Upper
75 100
110 8.5 16.7 50.1#
77 0.0 24.3 36.5#



#38
Carbon Tetrachloride
Concen: 5.559 ug/l
RT: 5.537 min Scan# 730
Delta R.T. -0.135 min
Lab File: VX047647.D
Acq: 18 Sep 2025 17:27

Tgt Ion: 117 Resp: 18828
Ion Ratio Lower Upper
117 100
119 5.2 73.4 110.2#
121 0.0 23.8 35.6#

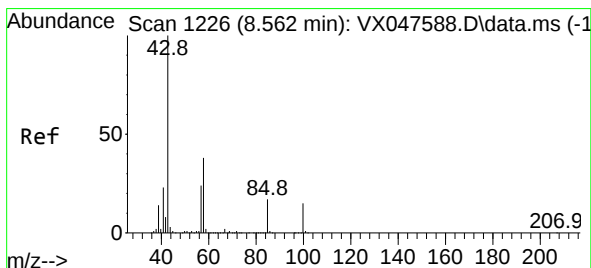
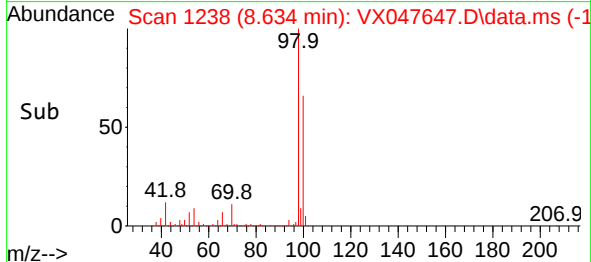
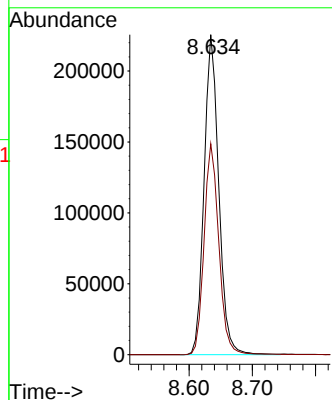
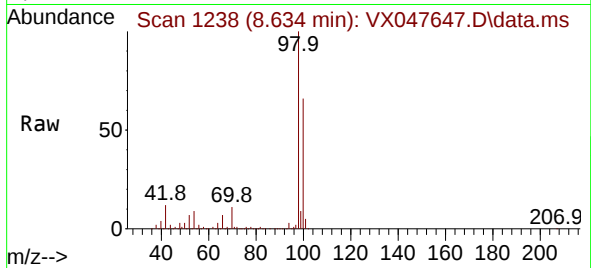




#50
Toluene-d8
Concen: 49.325 ug/l
RT: 8.634 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047647.D
Acq: 18 Sep 2025 17:27

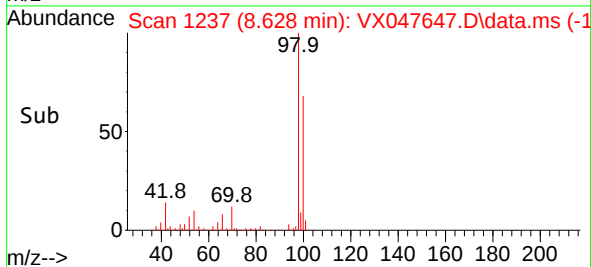
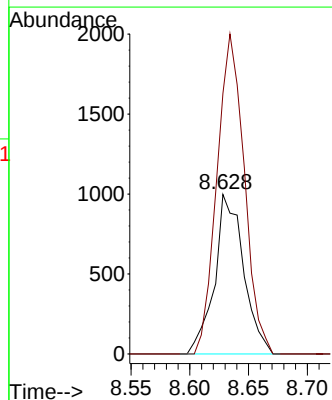
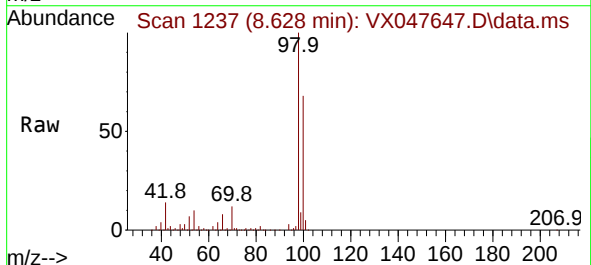
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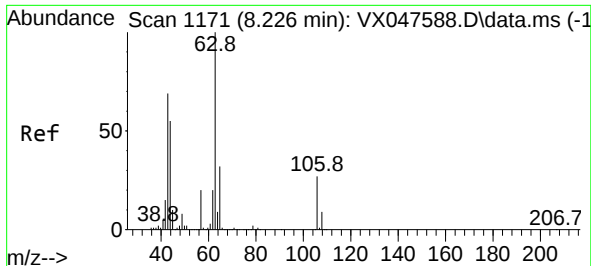
Tgt Ion: 98 Resp: 364069
Ion Ratio Lower Upper
98 100
100 66.3 53.0 79.4



#51
4-Methyl-2-Pentanone
Concen: 0.563 ug/l
RT: 8.628 min Scan# 1237
Delta R.T. 0.067 min
Lab File: VX047647.D
Acq: 18 Sep 2025 17:27

Tgt Ion: 43 Resp: 1709
Ion Ratio Lower Upper
43 100
58 189.8 30.3 45.5#

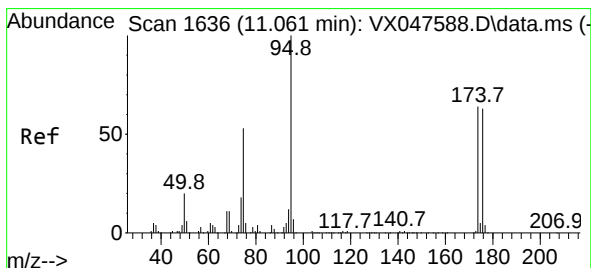
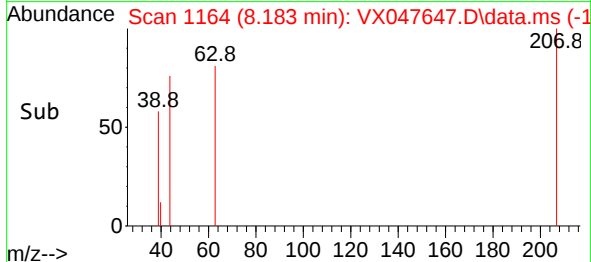
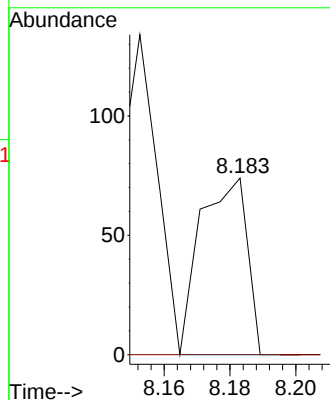
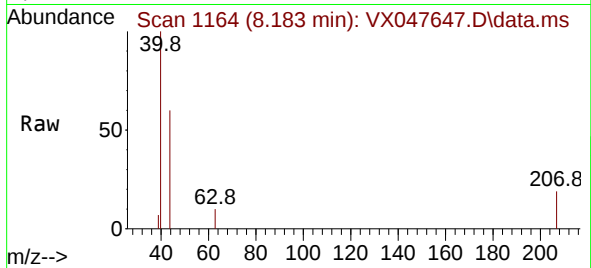




#58
2-Chloroethyl Vinyl ether
Concen: 7.936 ug/l
RT: 8.183 min Scan# 1164
Delta R.T. -0.043 min
Lab File: VX047647.D
Acq: 18 Sep 2025 17:27

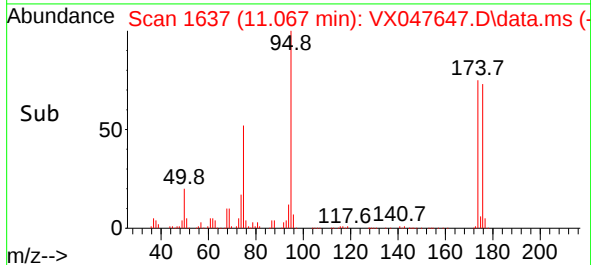
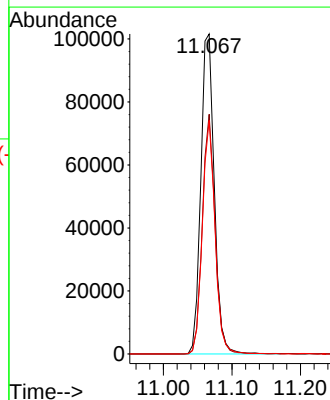
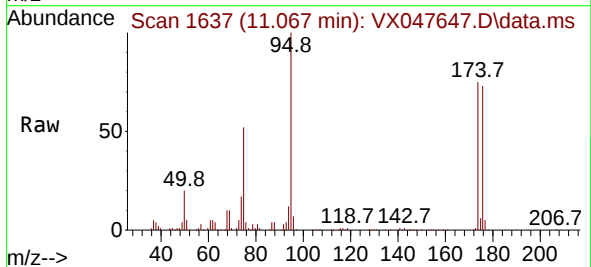
Instrument :
MSVOA_X
ClientSampleId :
TB02-20250911

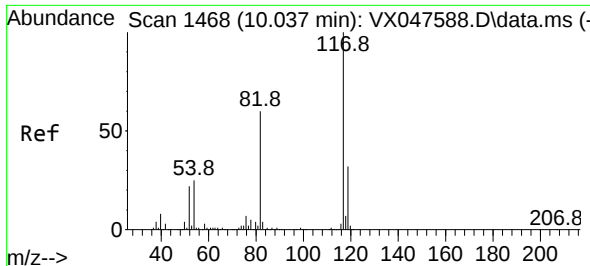
Tgt Ion: 63 Resp: 73
Ion Ratio Lower Upper
63 100
106 0.0 21.9 32.9#



#62
4-Bromofluorobenzene
Concen: 49.778 ug/l
RT: 11.067 min Scan# 1637
Delta R.T. 0.006 min
Lab File: VX047647.D
Acq: 18 Sep 2025 17:27

Tgt Ion: 95 Resp: 139439
Ion Ratio Lower Upper
95 100
174 70.9 0.0 141.6
176 68.8 0.0 138.4

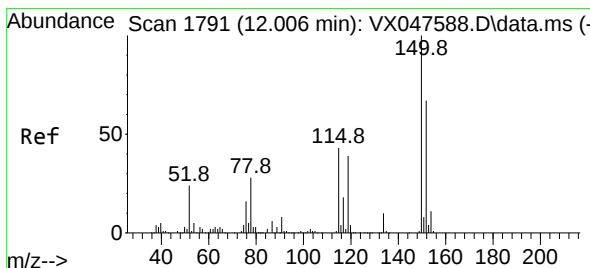
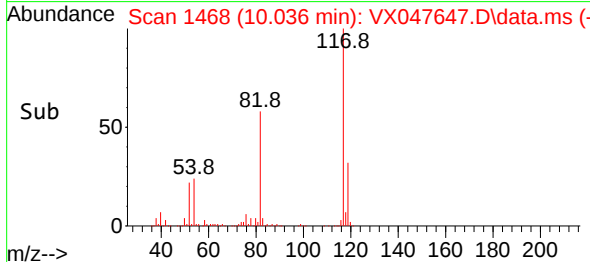
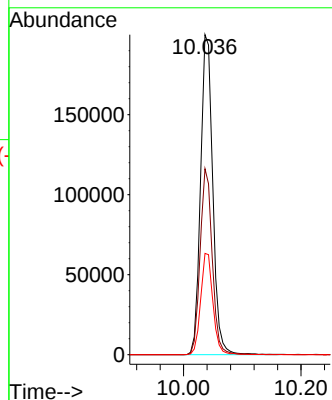
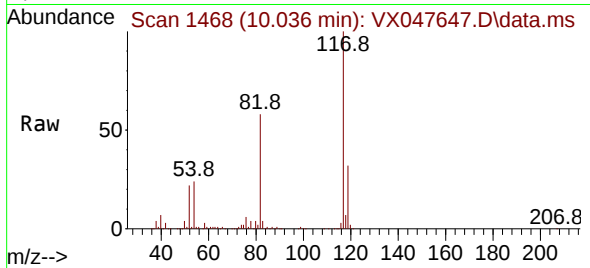




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.036 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX047647.D
Acq: 18 Sep 2025 17:27

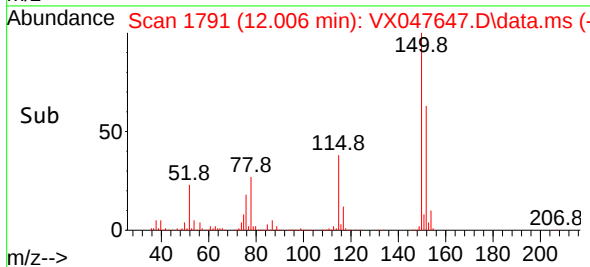
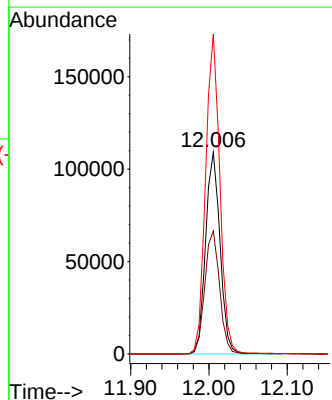
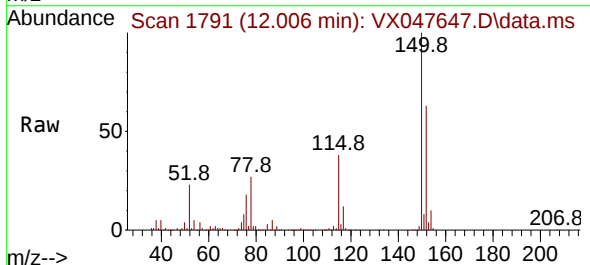
Instrument :
MSVOA_X
ClientSampleId :
TB02-20250911

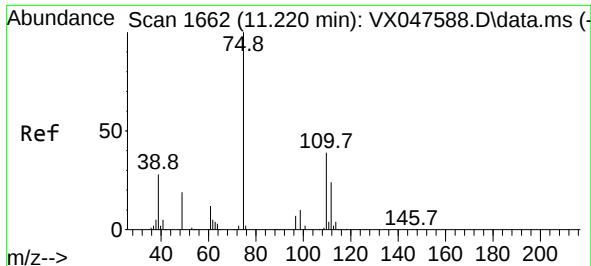
Tgt Ion:117 Resp: 288916
Ion Ratio Lower Upper
117 100
82 58.1 47.8 71.6
119 31.7 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX047647.D
Acq: 18 Sep 2025 17:27

Tgt Ion:152 Resp: 139535
Ion Ratio Lower Upper
152 100
115 62.7 44.9 134.5
150 156.7 0.0 352.0

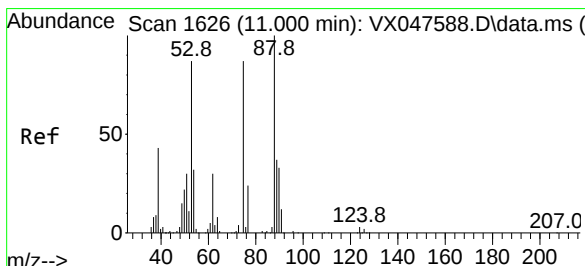
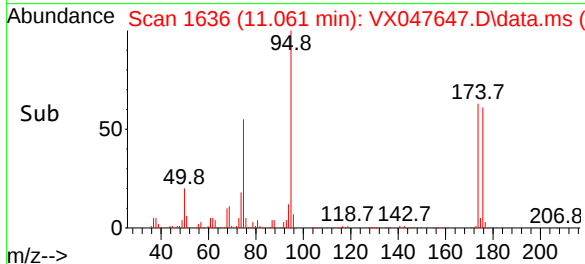
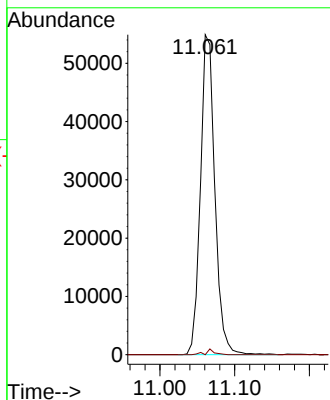
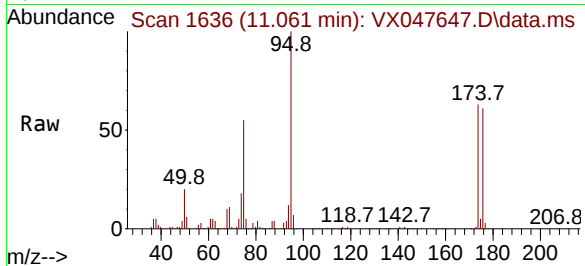




#76
1,2,3-Trichloropropane
Concen: 26.073 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.159 min
Lab File: VX047647.D
Acq: 18 Sep 2025 17:27

Instrument :
MSVOA_X
ClientSampleId :
TB02-20250911

Tgt Ion: 75 Resp: 73661
Ion Ratio Lower Upper
75 100
77 1.0 18.8 56.4#



#81
trans-1,4-Dichloro-2-butene
Concen: 66.491 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. 0.060 min
Lab File: VX047647.D
Acq: 18 Sep 2025 17:27

Tgt Ion: 75 Resp: 73661
Ion Ratio Lower Upper
75 100
53 0.0 83.4 125.2#
89 0.0 36.3 54.5#

