

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092925\
 Data File : VX047891.D
 Acq On : 29 Sep 2025 17:46
 Operator : JC/MD
 Sample : Q3213-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-184-GW-440-442

Quant Time: Sep 30 01:25:01 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)

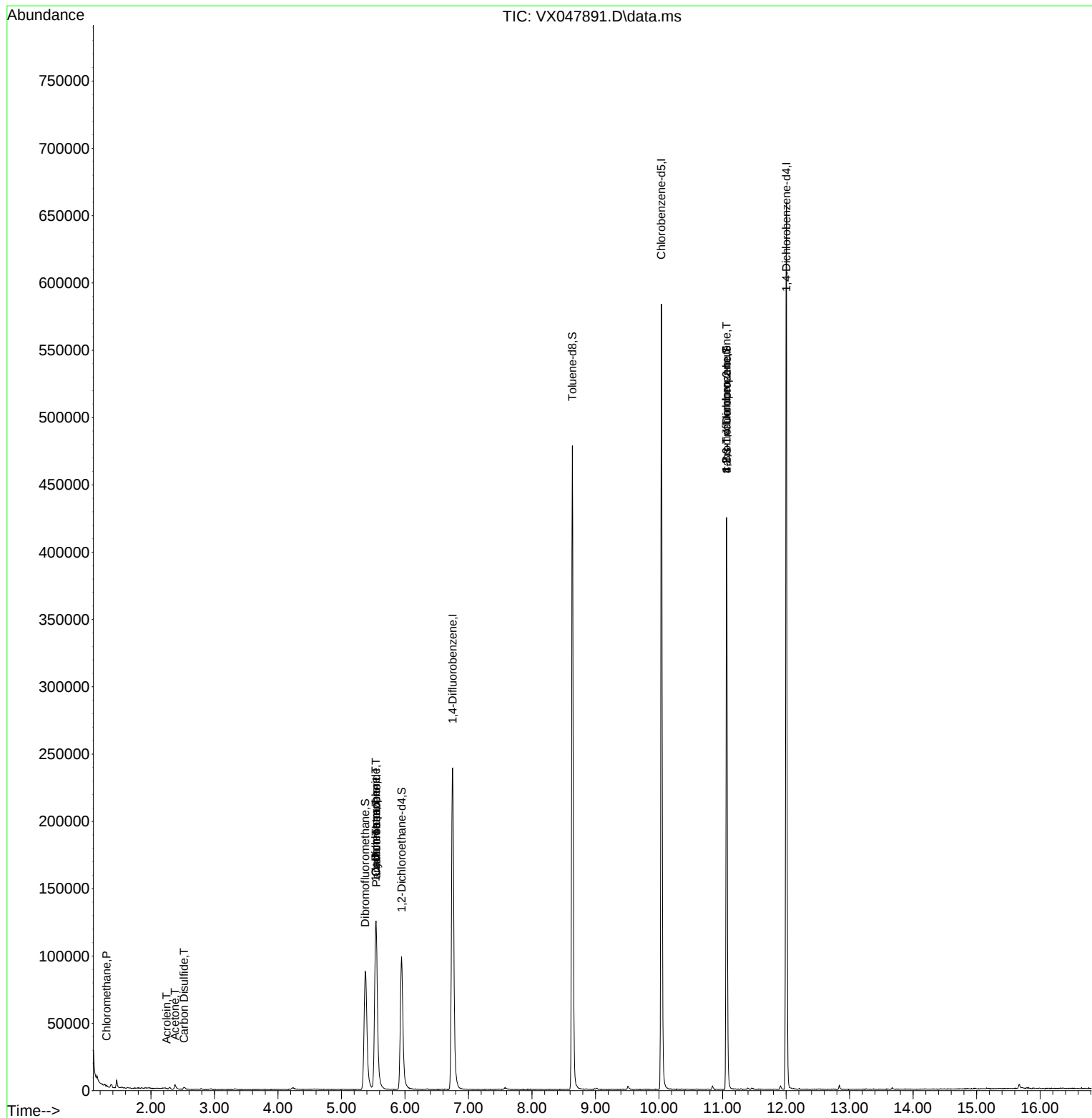
Internal Standards						
1) Pentafluorobenzene	5.550	168	126934	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	264916	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	273054	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	137102	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	105715	52.322	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 104.640%		
35) Dibromofluoromethane	5.373	113	88669	49.907	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 99.820%		
50) Toluene-d8	8.635	98	293810	47.792	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 95.580%		
62) 4-Bromofluorobenzene	11.061	95	125076	53.608	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 107.220%		
Target Compounds						
					Qvalue	
3) Chloromethane	1.300	50	789	0.457	ug/l	98
13) Acrolein	2.245	56	80	0.386	ug/l #	74
16) Acetone	2.380	43	4779	5.440	ug/l #	83
17) Carbon Disulfide	2.520	76	942	0.228	ug/l #	76
31) Cyclohexane	5.544	56	2911	1.090	ug/l #	19
36) 1,1-Dichloropropene	5.538	75	11005	4.239	ug/l #	52
38) Carbon Tetrachloride	5.544	117	13577	4.813	ug/l #	17
76) 1,2,3-Trichloropropane	11.061	75	65694	23.666	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.061	75	65694	60.352	ug/l #	8

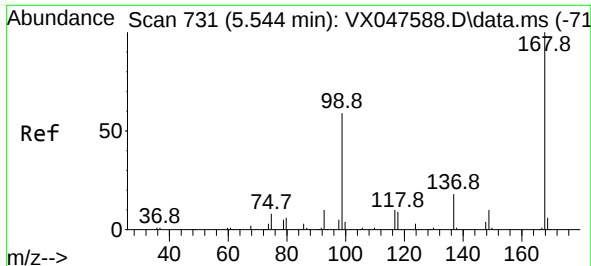
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BP-VPB-184-GW-440-442

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Response via : Initial Calibration

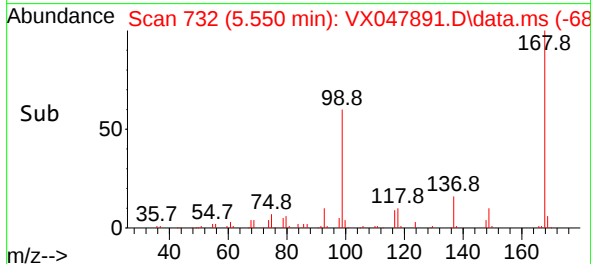
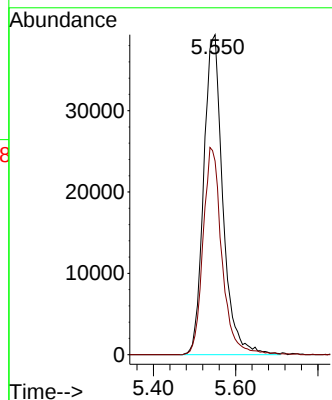
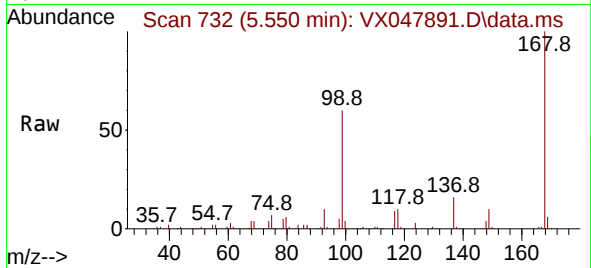




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX047891.D
Acq: 29 Sep 2025 17:46

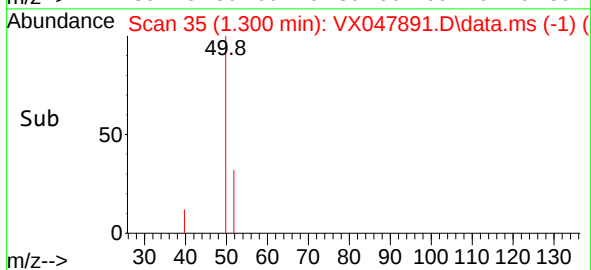
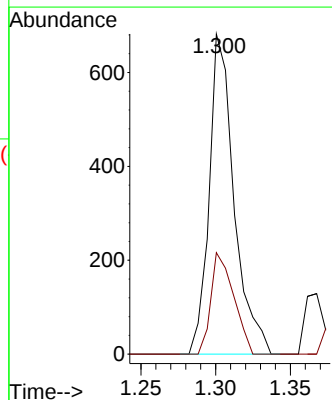
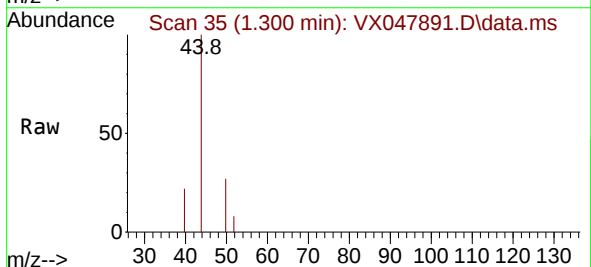
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-440-442

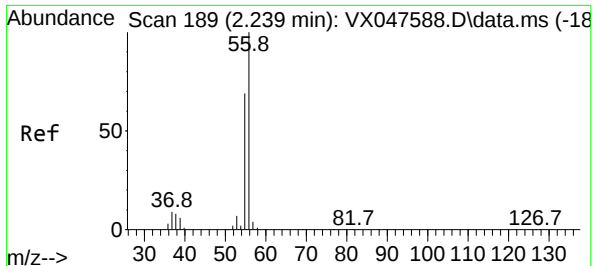
Tgt Ion:168 Resp: 126934
Ion Ratio Lower Upper
168 100
99 60.5 48.8 73.2



#3
Chloromethane
Concen: 0.457 ug/l
RT: 1.300 min Scan# 35
Delta R.T. -0.000 min
Lab File: VX047891.D
Acq: 29 Sep 2025 17:46

Tgt Ion: 50 Resp: 789
Ion Ratio Lower Upper
50 100
52 31.7 26.1 39.1

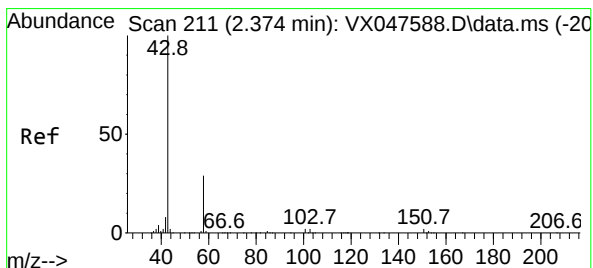
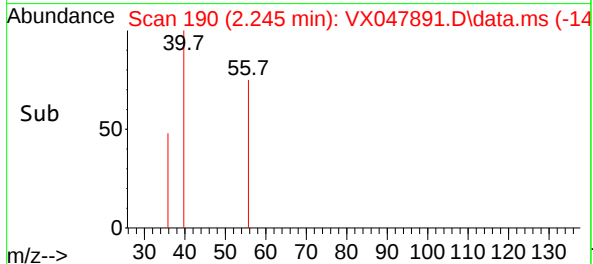
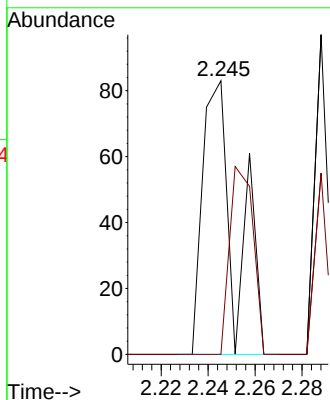
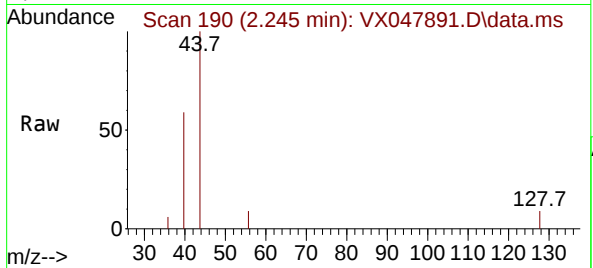




#13
Acrolein
Concen: 0.386 ug/l
RT: 2.245 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX047891.D
Acq: 29 Sep 2025 17:46

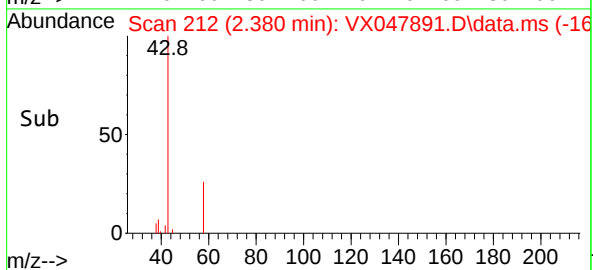
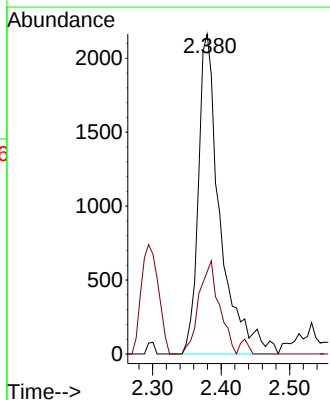
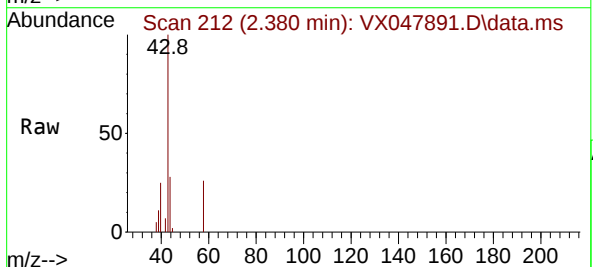
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-440-442

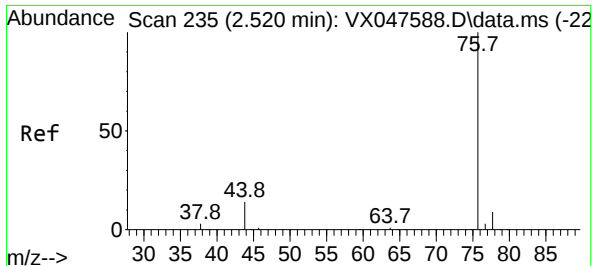
Tgt Ion: 56 Resp: 80
Ion Ratio Lower Upper
56 100
55 50.0 57.2 85.8#



#16
Acetone
Concen: 5.440 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX047891.D
Acq: 29 Sep 2025 17:46

Tgt Ion: 43 Resp: 4779
Ion Ratio Lower Upper
43 100
58 20.0 23.4 35.0#

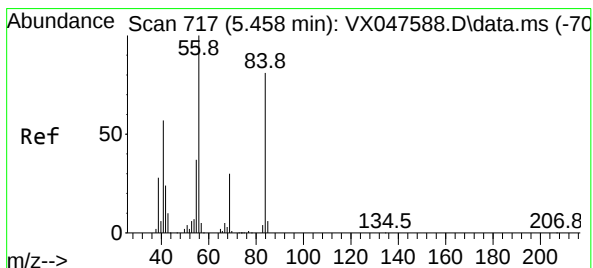
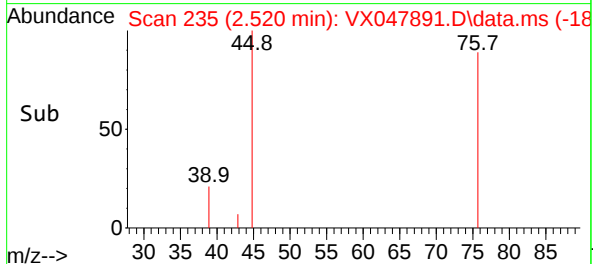
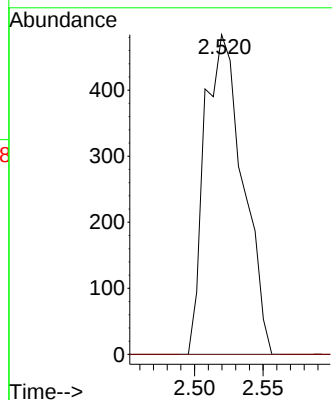
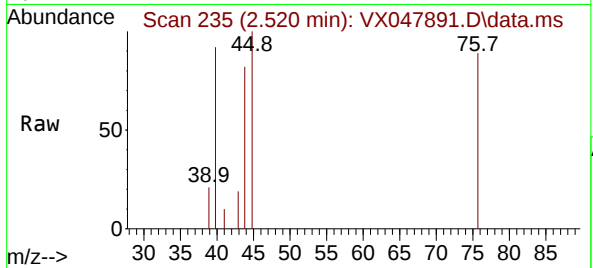




#17
Carbon Disulfide
Concen: 0.228 ug/l
RT: 2.520 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX047891.D
Acq: 29 Sep 2025 17:46

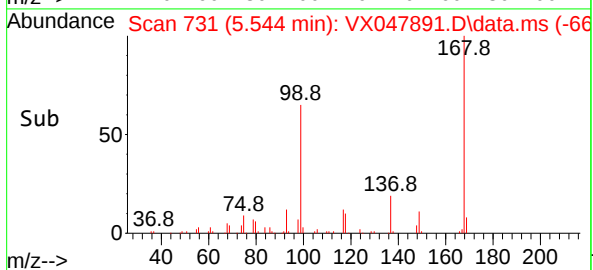
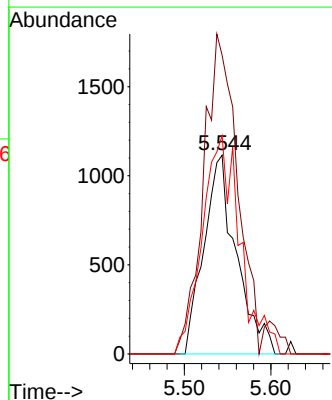
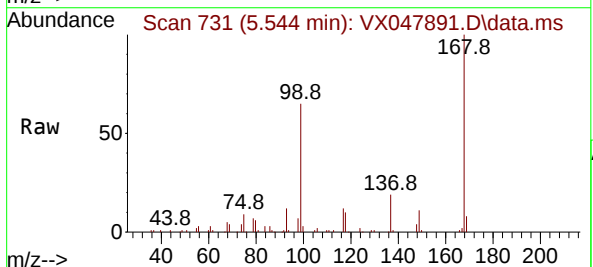
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-440-442

Tgt Ion: 76 Resp: 942
Ion Ratio Lower Upper
76 100
78 0.0 6.8 10.2#



#31
Cyclohexane
Concen: 1.090 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.085 min
Lab File: VX047891.D
Acq: 29 Sep 2025 17:46

Tgt Ion: 56 Resp: 2911
Ion Ratio Lower Upper
56 100
69 143.4 23.8 35.8#
84 109.9 64.6 97.0#





#33

1,2-Dichloroethane-d4

Concen: 52.322 ug/l

RT: 5.946 min Scan# 796

Delta R.T. 0.006 min

Lab File: VX047891.D

Acq: 29 Sep 2025 17:46

Instrument :

MSVOA_X

ClientSampleId :

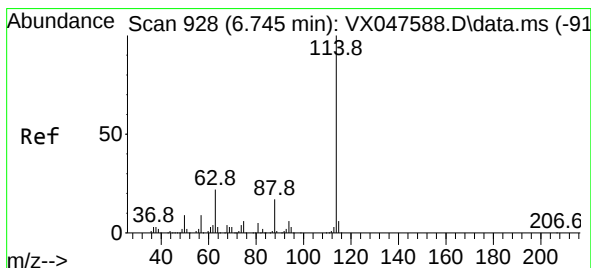
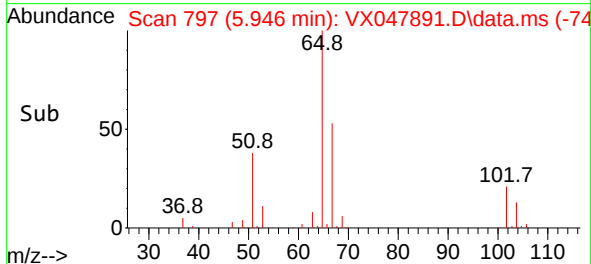
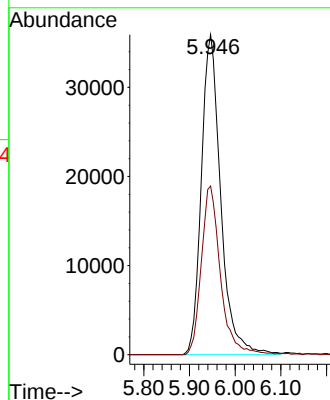
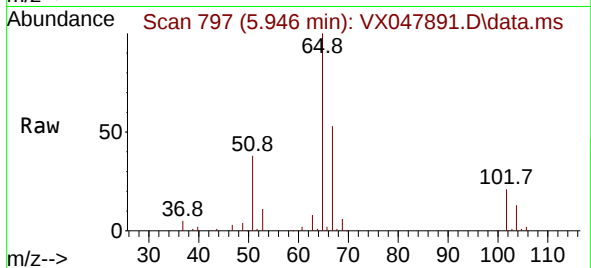
BP-VPB-184-GW-440-442

Tgt Ion: 65 Resp: 105715

Ion Ratio Lower Upper

65 100

67 52.0 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.751 min Scan# 929

Delta R.T. 0.006 min

Lab File: VX047891.D

Acq: 29 Sep 2025 17:46

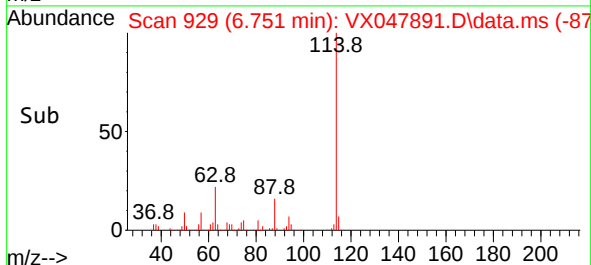
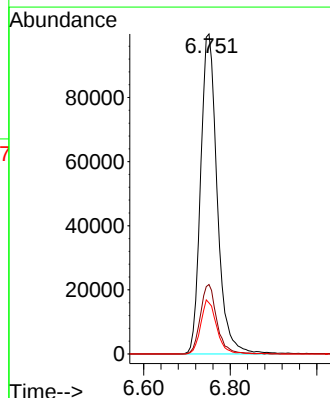
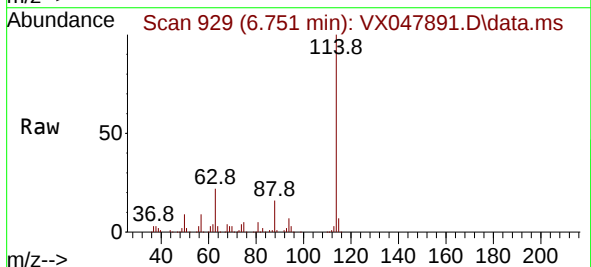
Tgt Ion: 114 Resp: 264916

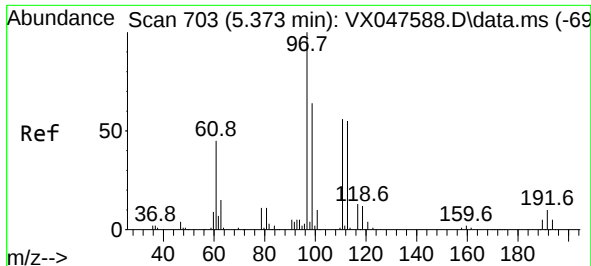
Ion Ratio Lower Upper

114 100

63 21.7 0.0 44.0

88 15.9 0.0 34.2

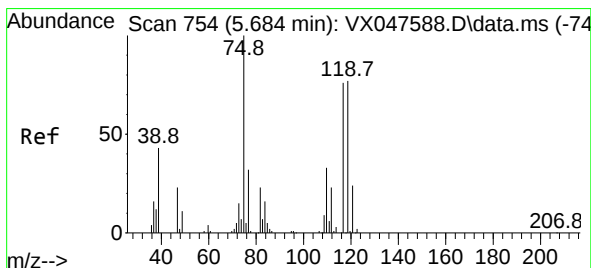
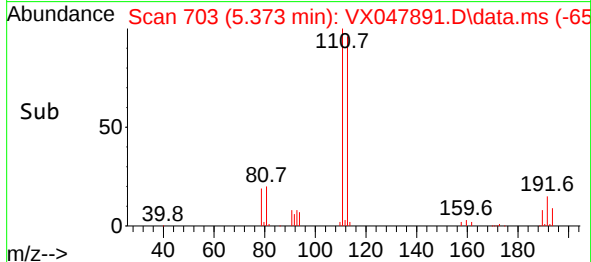
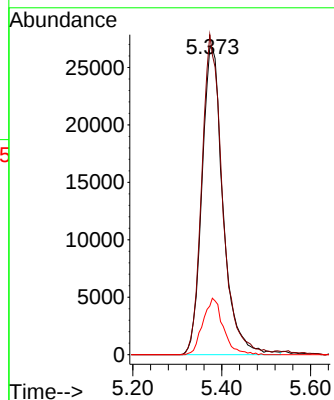
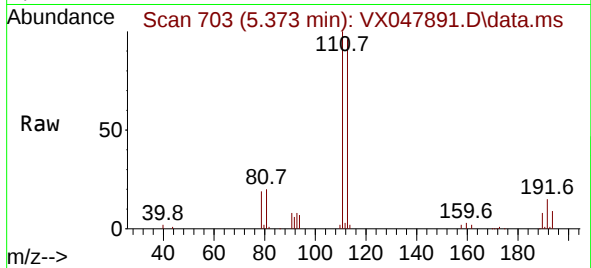




#35
Dibromofluoromethane
Concen: 49.907 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX047891.D
Acq: 29 Sep 2025 17:46

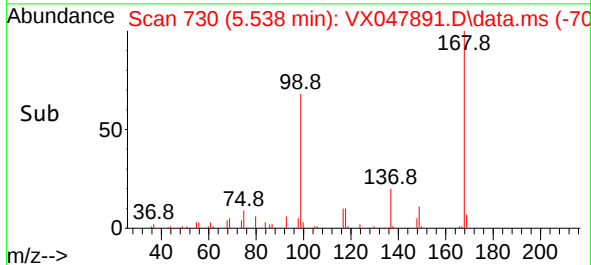
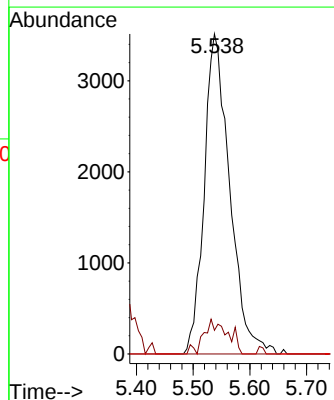
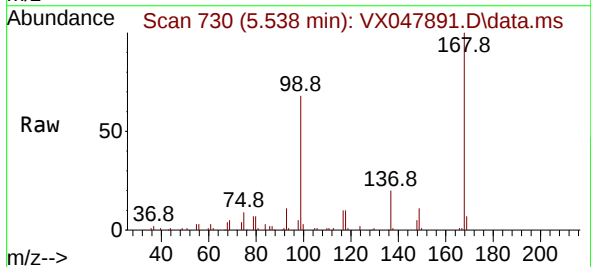
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-440-442

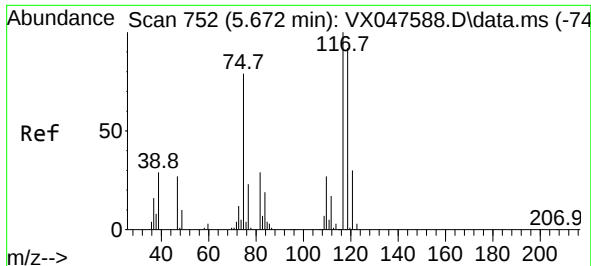
Tgt Ion:113 Resp: 88669
Ion Ratio Lower Upper
113 100
111 101.8 80.9 121.3
192 17.7 14.2 21.4



#36
1,1-Dichloropropene
Concen: 4.239 ug/l
RT: 5.538 min Scan# 730
Delta R.T. -0.146 min
Lab File: VX047891.D
Acq: 29 Sep 2025 17:46

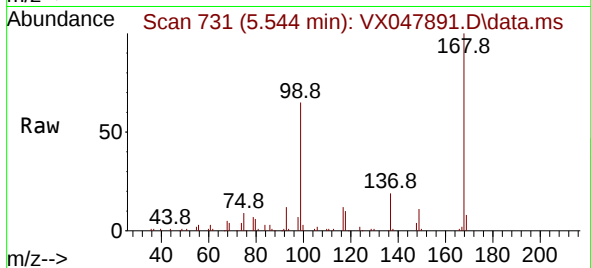
Tgt Ion: 75 Resp: 11005
Ion Ratio Lower Upper
75 100
110 10.1 16.7 50.1#
77 0.0 24.3 36.5#



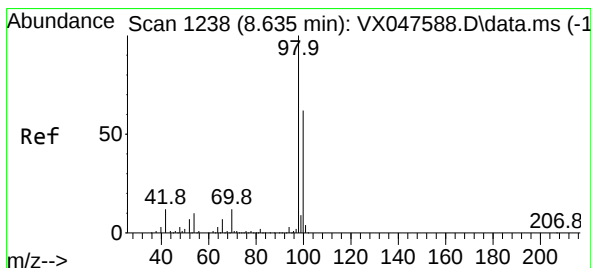
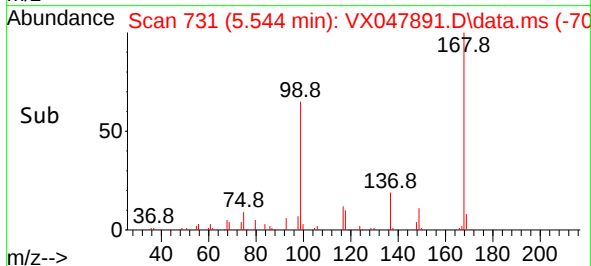
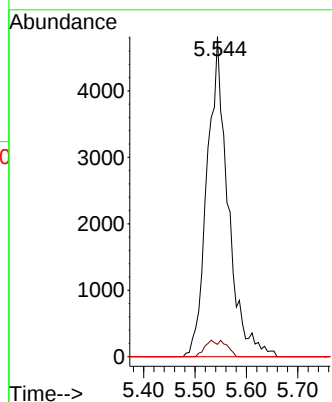


#38
Carbon Tetrachloride
Concen: 4.813 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX047891.D
Acq: 29 Sep 2025 17:46

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-440-442

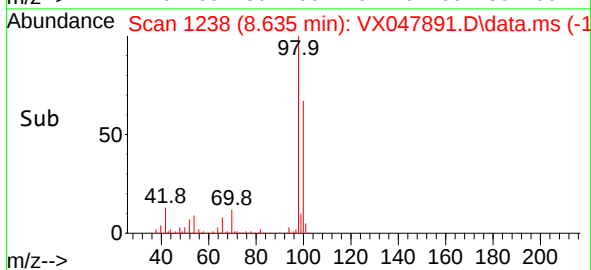
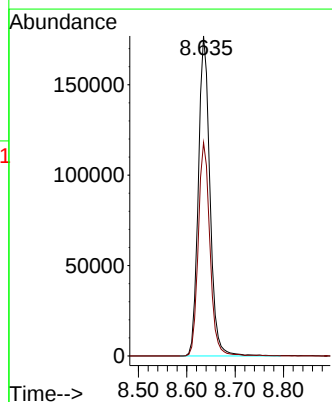
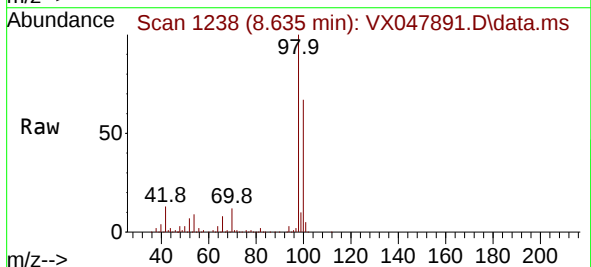


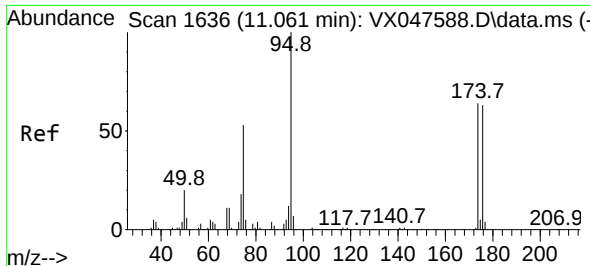
Tgt Ion:117 Resp: 13577
Ion Ratio Lower Upper
117 100
119 3.9 73.4 110.2#
121 0.0 23.8 35.6#



#50
Toluene-d8
Concen: 47.792 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX047891.D
Acq: 29 Sep 2025 17:46

Tgt Ion: 98 Resp: 293810
Ion Ratio Lower Upper
98 100
100 66.8 53.0 79.4

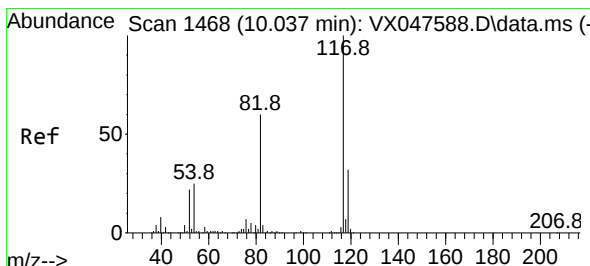
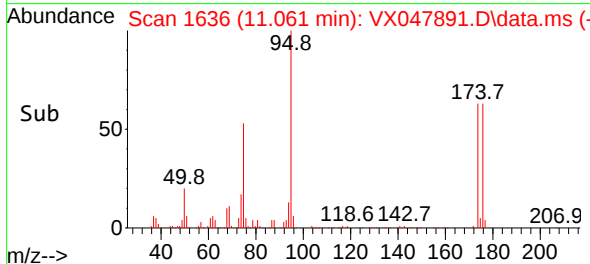
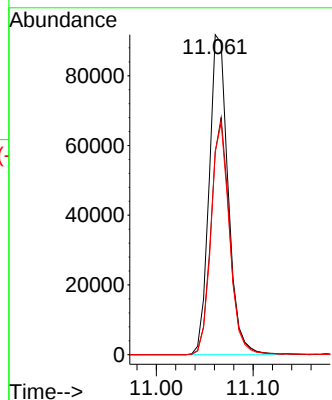
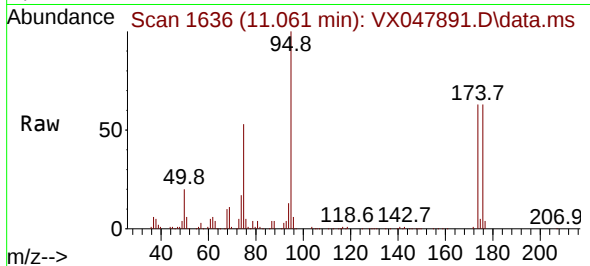




#62
4-Bromofluorobenzene
Concen: 53.608 ug/l
RT: 11.061 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047891.D
Acq: 29 Sep 2025 17:46

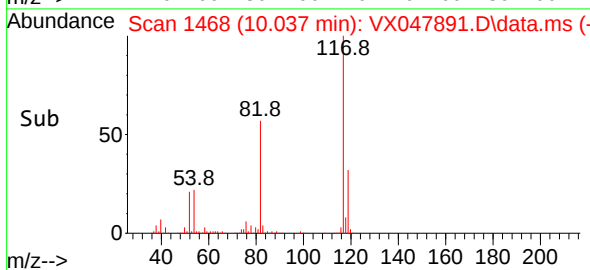
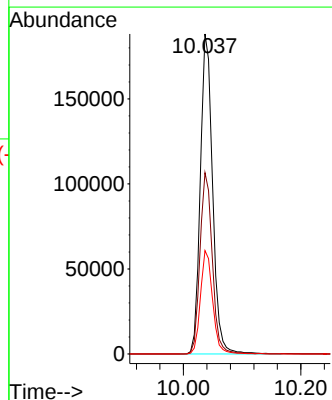
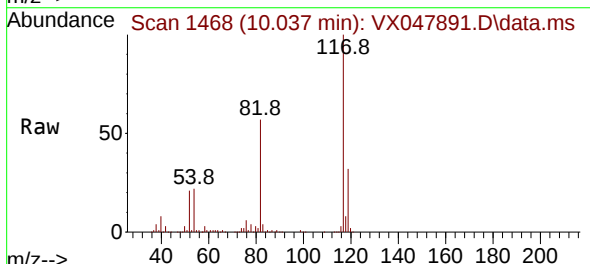
Instrument :
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BP-VPB-184-GW-440-442

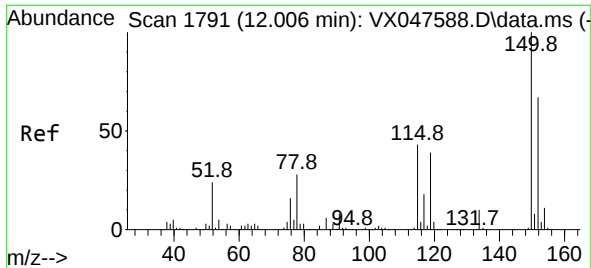
Tgt Ion: 95 Resp: 125076
Ion Ratio Lower Upper
95 100
174 72.9 0.0 141.6
176 70.7 0.0 138.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX047891.D
Acq: 29 Sep 2025 17:46

Tgt Ion: 117 Resp: 273054
Ion Ratio Lower Upper
117 100
82 56.7 47.8 71.6
119 32.3 25.2 37.8

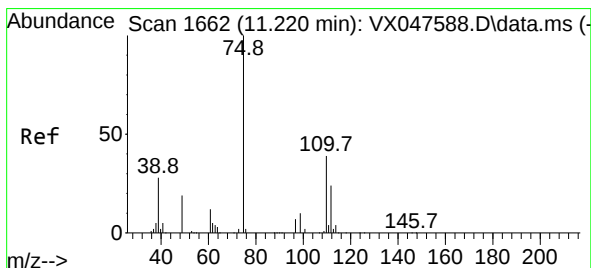
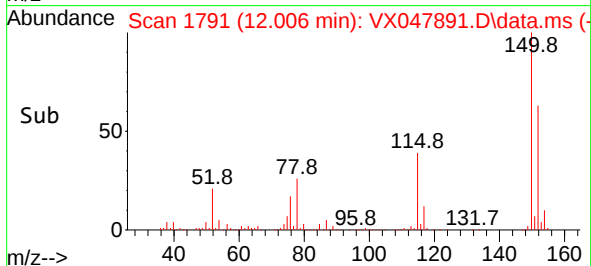
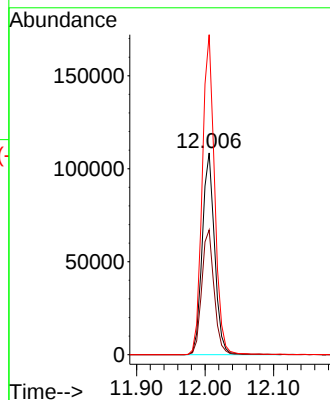
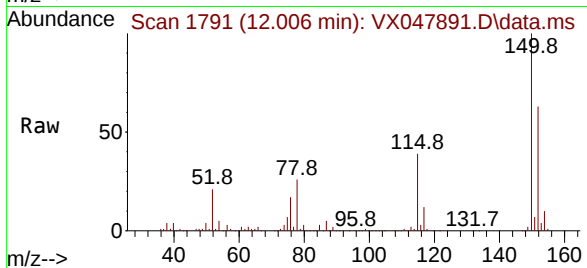




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047891.D
Acq: 29 Sep 2025 17:46

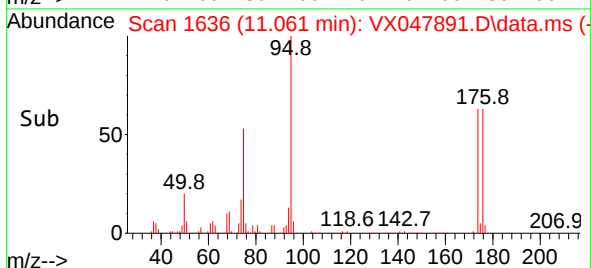
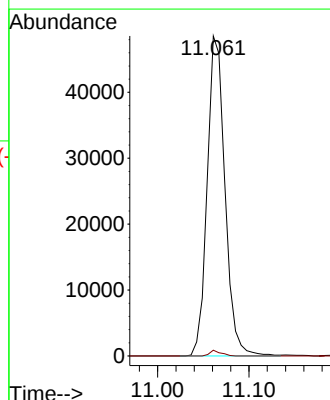
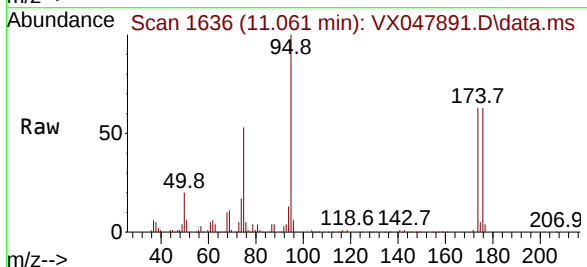
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-440-442

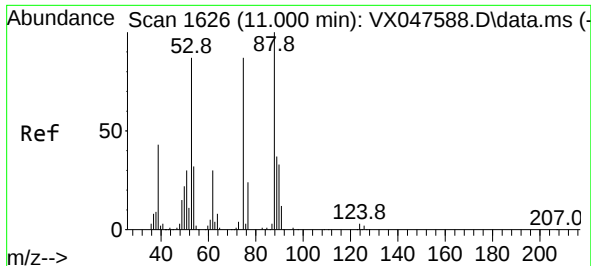
Tgt Ion:152 Resp: 137102
Ion Ratio Lower Upper
152 100
115 61.7 44.9 134.5
150 158.0 0.0 352.0



#76
1,2,3-Trichloropropane
Concen: 23.666 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.159 min
Lab File: VX047891.D
Acq: 29 Sep 2025 17:46

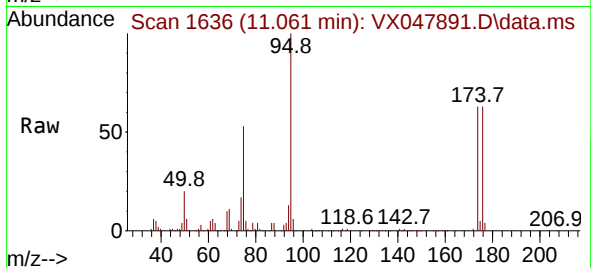
Tgt Ion: 75 Resp: 65694
Ion Ratio Lower Upper
75 100
77 1.1 18.8 56.4#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 60.352 ug/l
 RT: 11.061 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX047891.D
 Acq: 29 Sep 2025 17:46

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-184-GW-440-442



Tgt Ion: 75 Resp: 65694
 Ion Ratio Lower Upper
 75 100
 53 0.0 83.4 125.2#
 89 0.0 36.3 54.5#

