

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092525\
 Data File : VX047804.D
 Acq On : 25 Sep 2025 12:28
 Operator : JC/MD
 Sample : Q3165-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-184-GW-280-282

Quant Time: Sep 26 01:26:12 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)

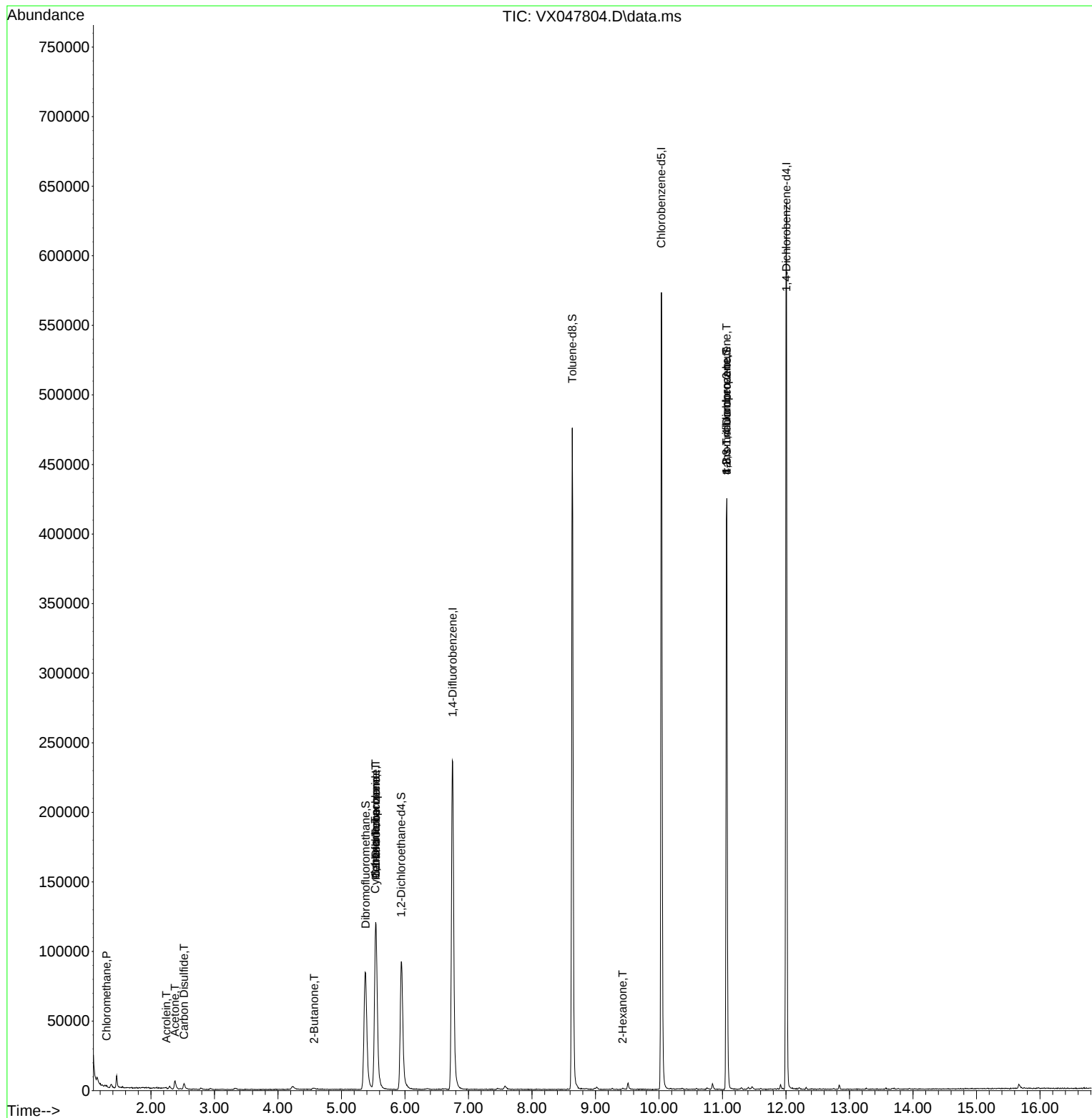
Internal Standards						
1) Pentafluorobenzene	5.544	168	122004	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	260982	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	266894	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	134705	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	100439	51.719	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 103.440%	
35) Dibromofluoromethane	5.379	113	84996	48.561	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 97.120%	
50) Toluene-d8	8.635	98	291903	48.198	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 96.400%	
62) 4-Bromofluorobenzene	11.061	95	124746	54.273	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 108.540%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.301	50	947	0.570	ug/l #	88
13) Acrolein	2.240	56	93	0.467	ug/l #	15
16) Acetone	2.380	43	7927	9.388	ug/l	100
17) Carbon Disulfide	2.520	76	2948	0.743	ug/l #	89
25) 2-Butanone	4.568	43	2118	2.011	ug/l	91
31) Cyclohexane	5.532	56	2646	1.031	ug/l #	6
36) 1,1-Dichloropropene	5.538	75	10534	4.119	ug/l #	52
38) Carbon Tetrachloride	5.538	117	12804	4.608	ug/l #	19
59) 2-Hexanone	9.427	43	490	0.274	ug/l	98
76) 1,2,3-Trichloropropane	11.061	75	64374	23.603	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.061	75	64374	60.191	ug/l #	8

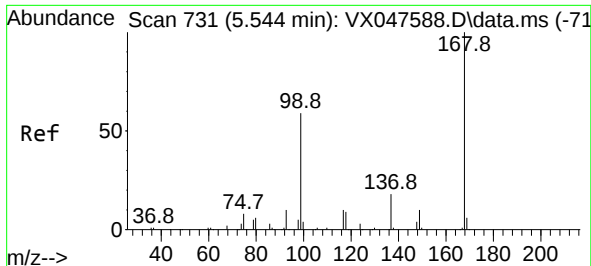
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BP-VPB-184-GW-280-282

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Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

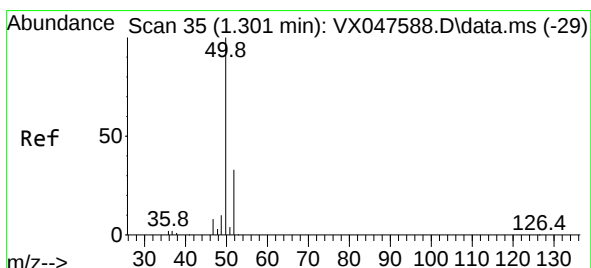
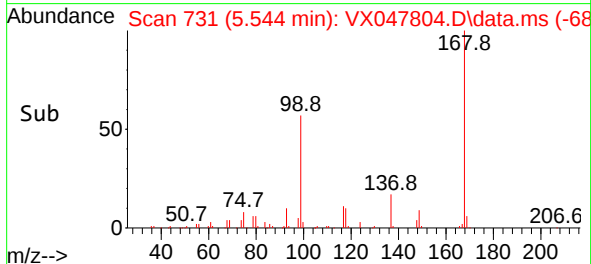
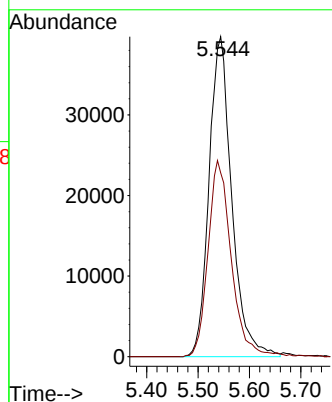
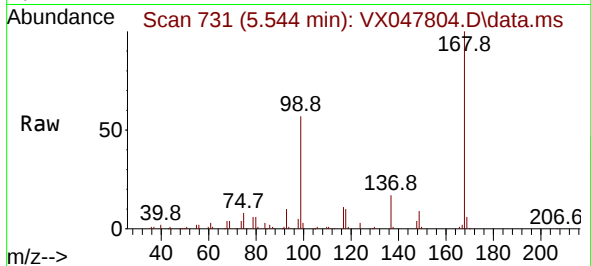




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX047804.D
Acq: 25 Sep 2025 12:28

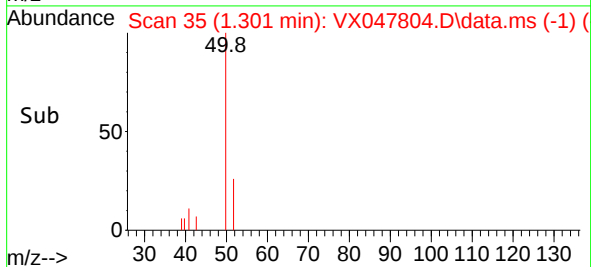
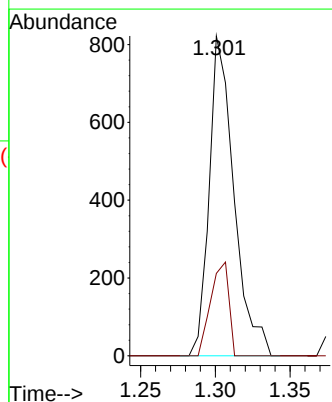
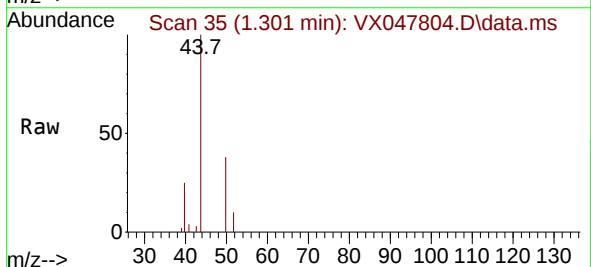
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-280-282

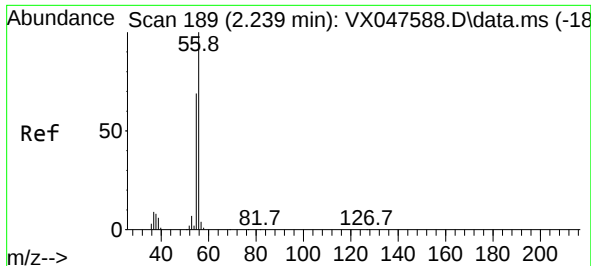
Tgt Ion:168 Resp: 122004
Ion Ratio Lower Upper
168 100
99 57.5 48.8 73.2



#3
Chloromethane
Concen: 0.570 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.000 min
Lab File: VX047804.D
Acq: 25 Sep 2025 12:28

Tgt Ion: 50 Resp: 947
Ion Ratio Lower Upper
50 100
52 25.8 26.1 39.1#

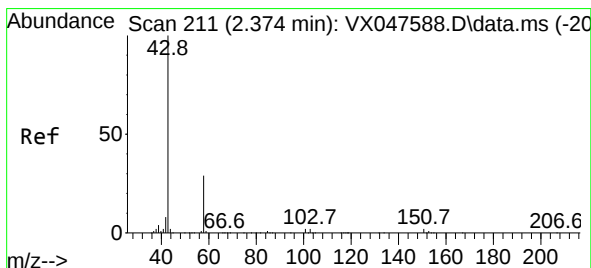
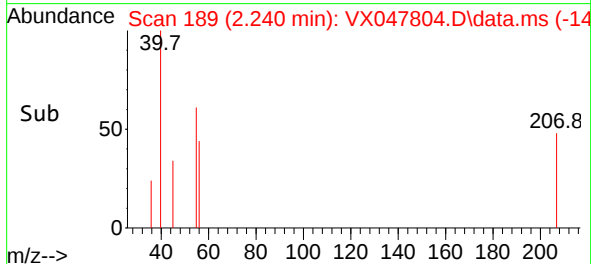
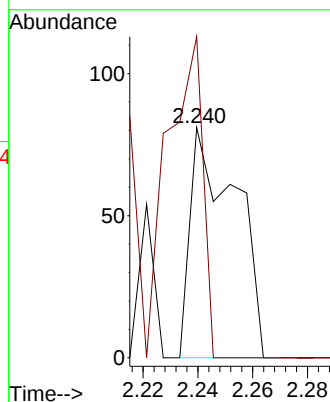
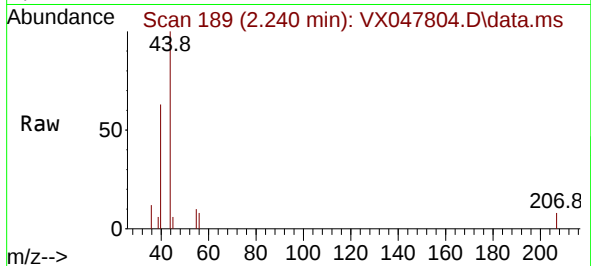




#13
Acrolein
Concen: 0.467 ug/l
RT: 2.240 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX047804.D
Acq: 25 Sep 2025 12:28

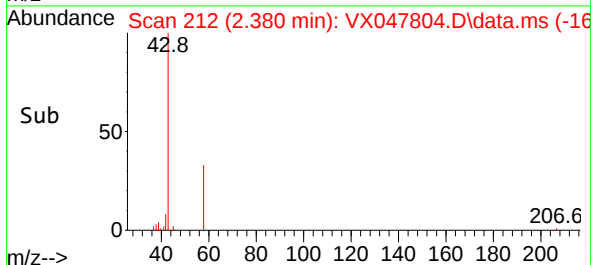
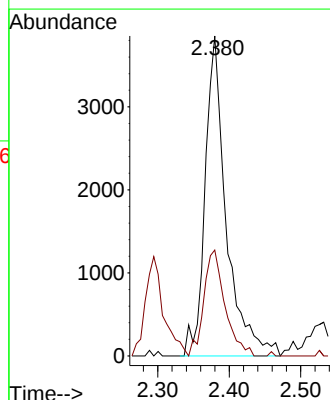
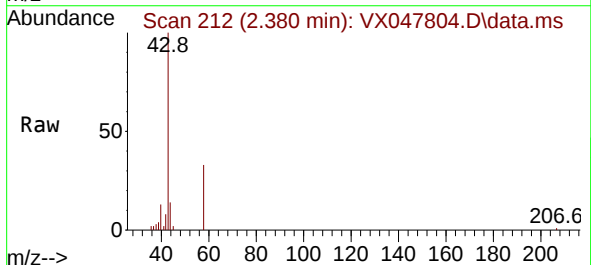
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-280-282

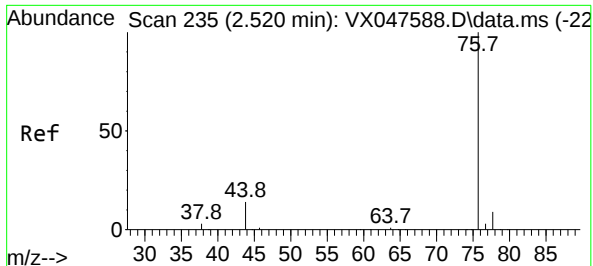
Tgt Ion: 56 Resp: 93
Ion Ratio Lower Upper
56 100
55 141.9 57.2 85.8#



#16
Acetone
Concen: 9.388 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX047804.D
Acq: 25 Sep 2025 12:28

Tgt Ion: 43 Resp: 7927
Ion Ratio Lower Upper
43 100
58 29.0 23.4 35.0

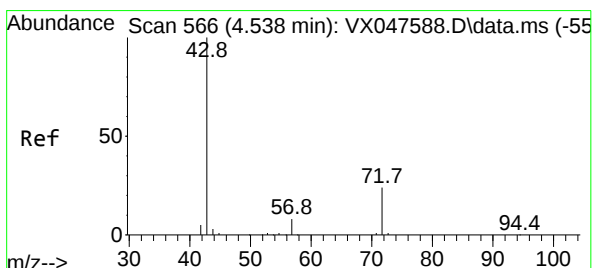
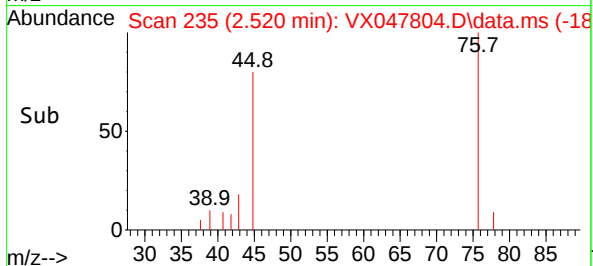
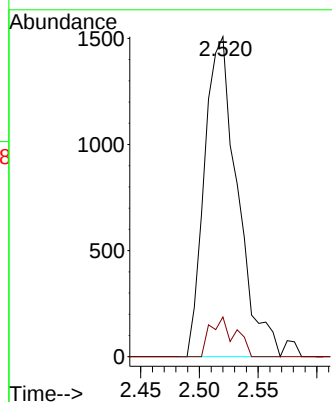
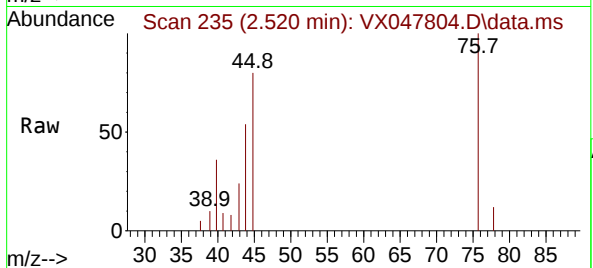




#17
Carbon Disulfide
Concen: 0.743 ug/l
RT: 2.520 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX047804.D
Acq: 25 Sep 2025 12:28

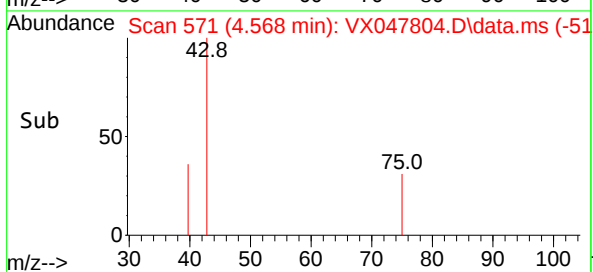
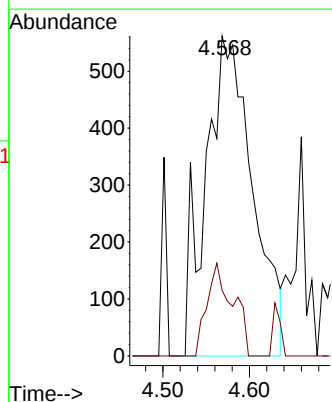
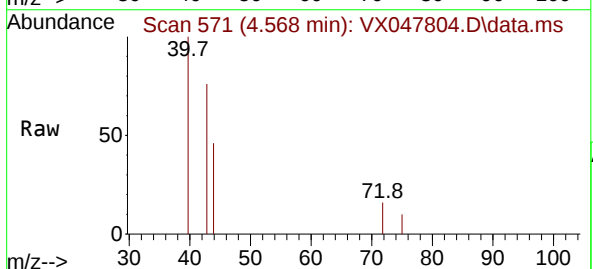
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-280-282

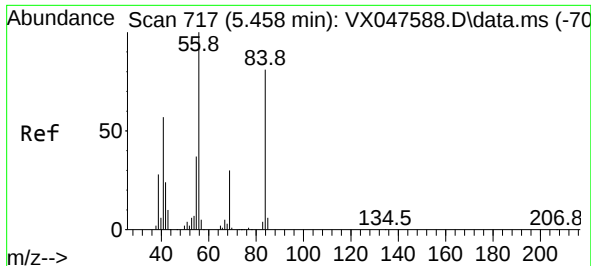
Tgt Ion: 76 Resp: 2948
Ion Ratio Lower Upper
76 100
78 12.4 6.8 10.2#



#25
2-Butanone
Concen: 2.011 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.031 min
Lab File: VX047804.D
Acq: 25 Sep 2025 12:28

Tgt Ion: 43 Resp: 2118
Ion Ratio Lower Upper
43 100
72 20.5 20.1 30.1

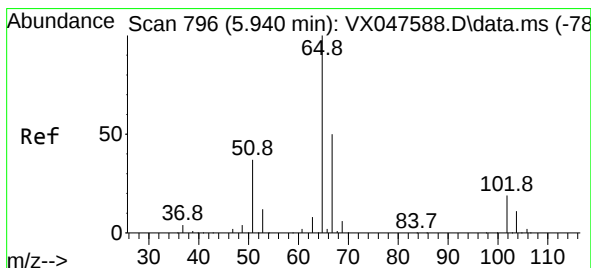
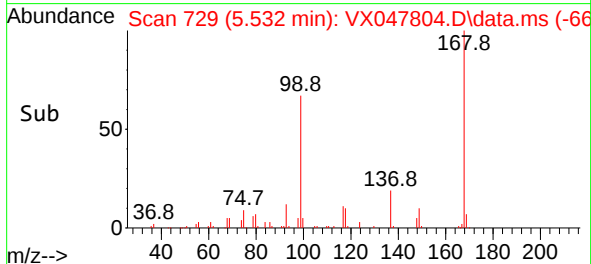
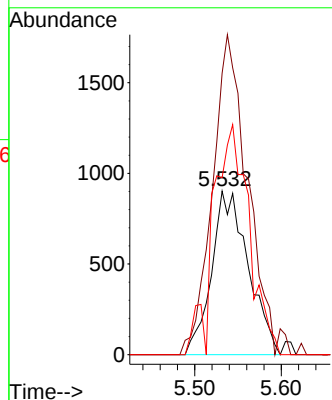
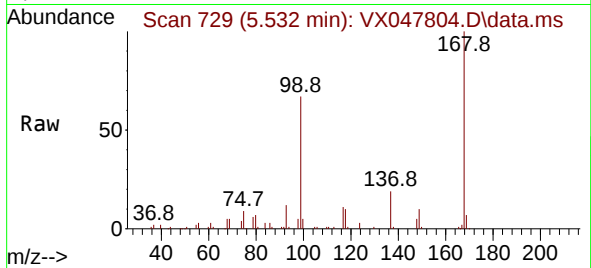




#31
Cyclohexane
Concen: 1.031 ug/l
RT: 5.532 min Scan# 717
Delta R.T. 0.073 min
Lab File: VX047804.D
Acq: 25 Sep 2025 12:28

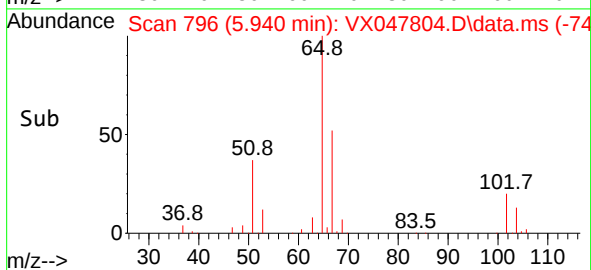
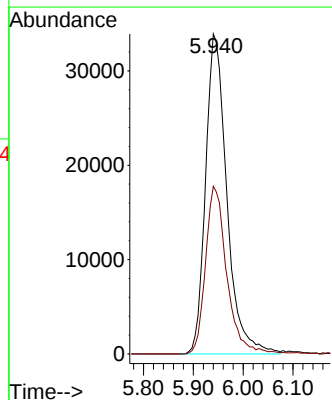
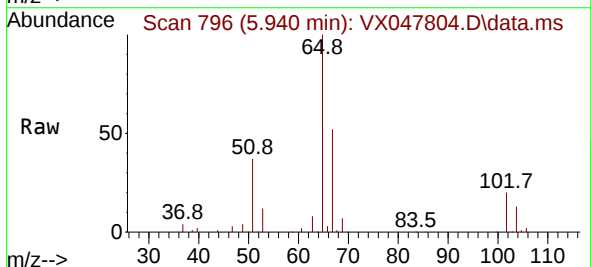
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-280-282

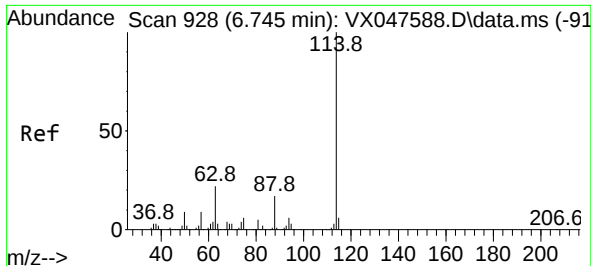
Tgt Ion: 56 Resp: 2646
Ion Ratio Lower Upper
56 100
69 172.1 23.8 35.8#
84 108.2 64.6 97.0#



#33
1,2-Dichloroethane-d4
Concen: 51.719 ug/l
RT: 5.940 min Scan# 796
Delta R.T. 0.000 min
Lab File: VX047804.D
Acq: 25 Sep 2025 12:28

Tgt Ion: 65 Resp: 100439
Ion Ratio Lower Upper
65 100
67 52.4 0.0 103.0

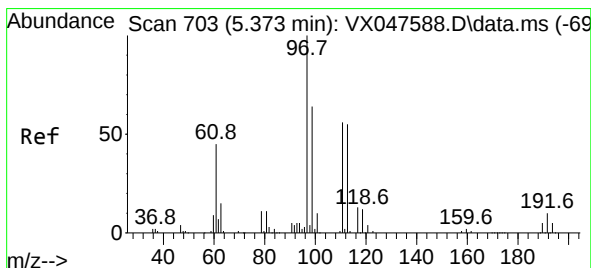
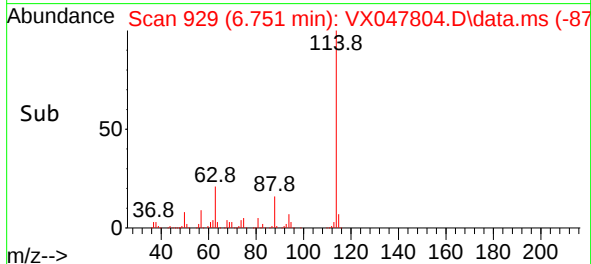
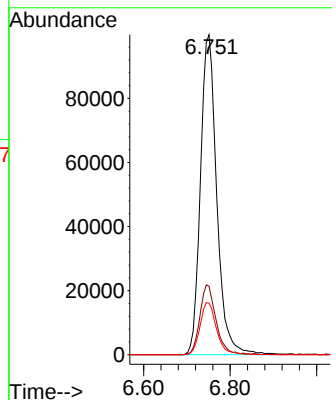
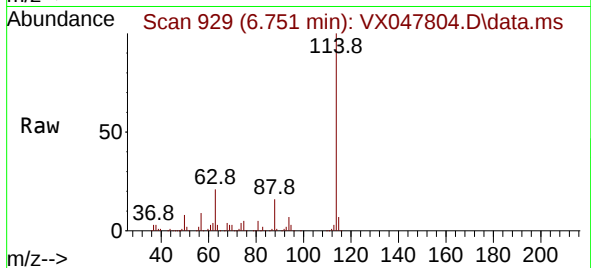




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX047804.D
Acq: 25 Sep 2025 12:28

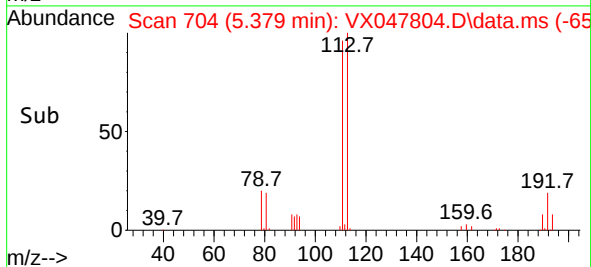
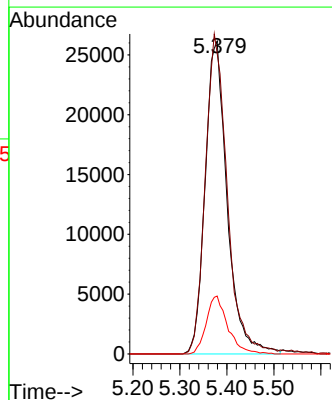
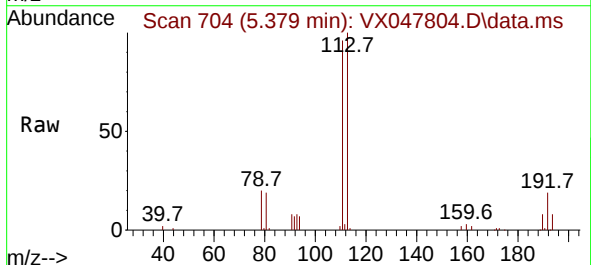
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-280-282

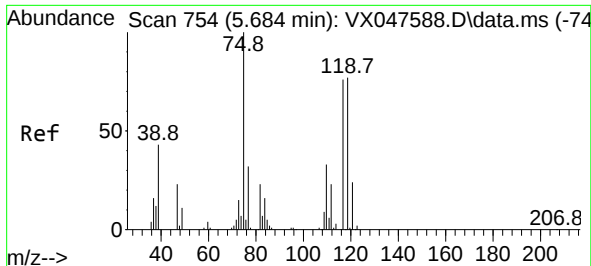
Tgt Ion:114 Resp: 260982
Ion Ratio Lower Upper
114 100
63 24.8 0.0 44.0
88 16.1 0.0 34.2



#35
Dibromofluoromethane
Concen: 48.561 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX047804.D
Acq: 25 Sep 2025 12:28

Tgt Ion:113 Resp: 84996
Ion Ratio Lower Upper
113 100
111 102.0 80.9 121.3
192 18.1 14.2 21.4





#36

1,1-Dichloropropene

Concen: 4.119 ug/l

RT: 5.538 min Scan# 71

Delta R.T. -0.146 min

Lab File: VX047804.D

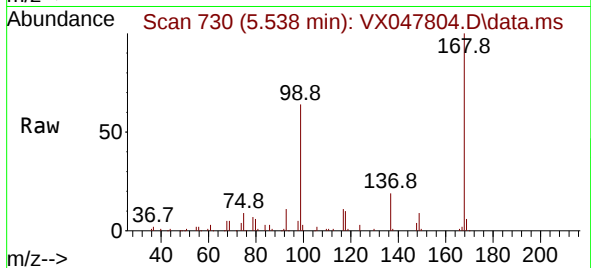
Acq: 25 Sep 2025 12:28

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-184-GW-280-282



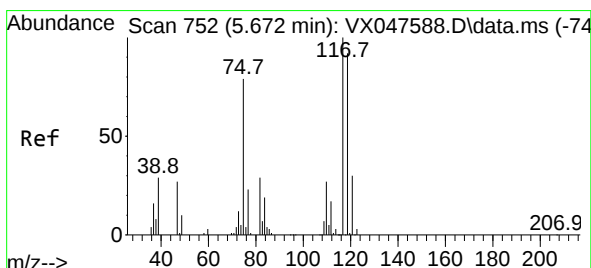
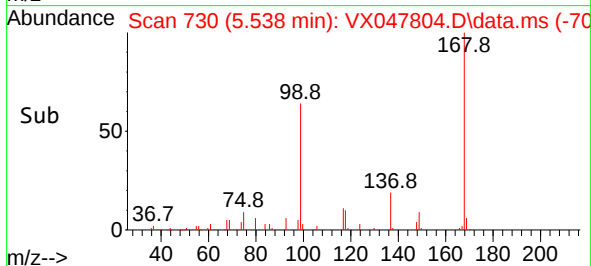
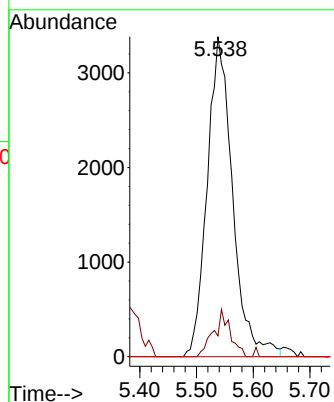
Tgt Ion: 75 Resp: 10534

Ion Ratio Lower Upper

75 100

110 9.7 16.7 50.1#

77 0.0 24.3 36.5#



#38

Carbon Tetrachloride

Concen: 4.608 ug/l

RT: 5.538 min Scan# 730

Delta R.T. -0.134 min

Lab File: VX047804.D

Acq: 25 Sep 2025 12:28

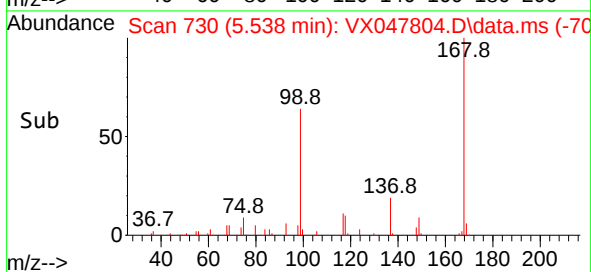
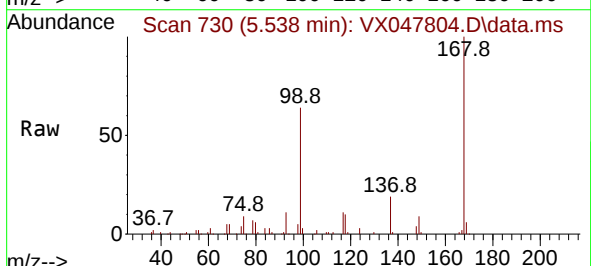
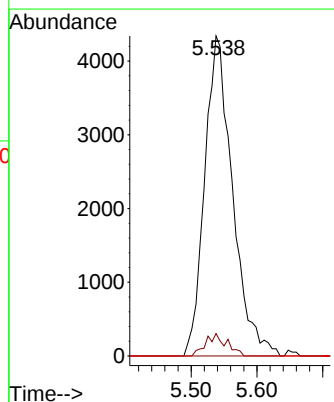
Tgt Ion: 117 Resp: 12804

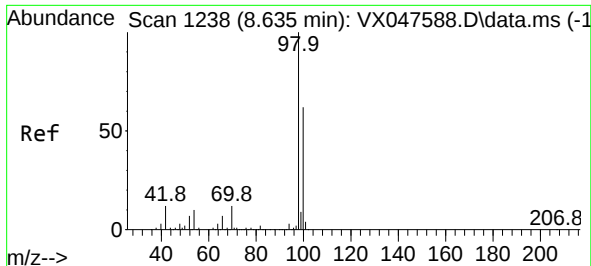
Ion Ratio Lower Upper

117 100

119 7.0 73.4 110.2#

121 0.0 23.8 35.6#

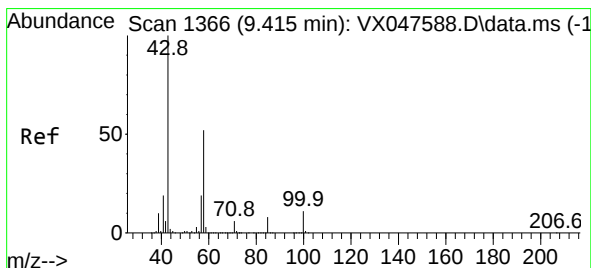
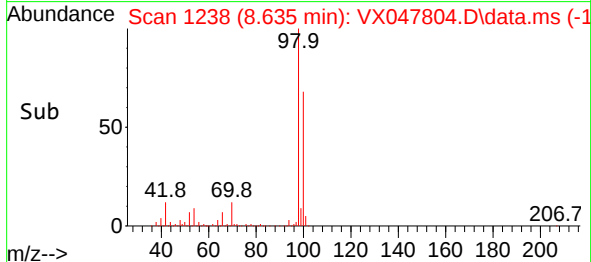
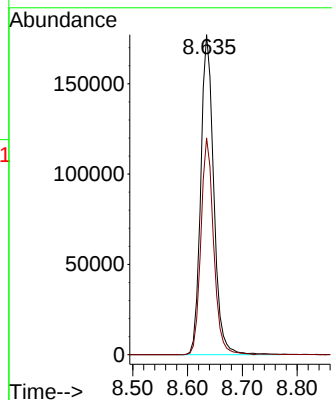
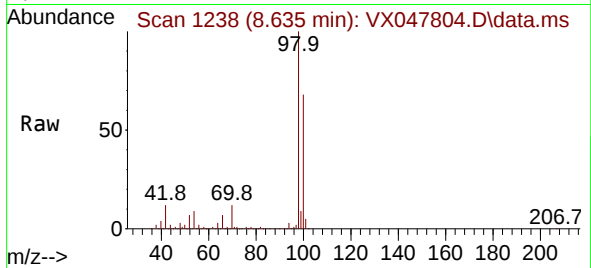




#50
Toluene-d8
Concen: 48.198 ug/l
RT: 8.635 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX047804.D
Acq: 25 Sep 2025 12:28

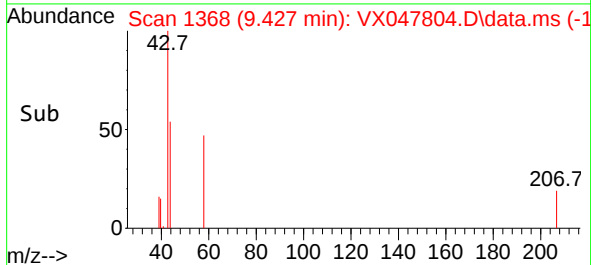
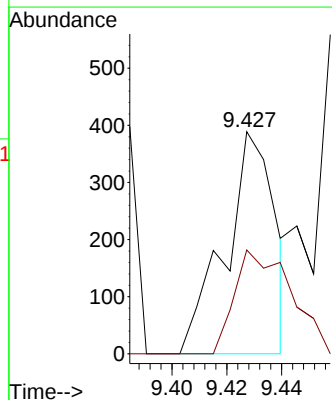
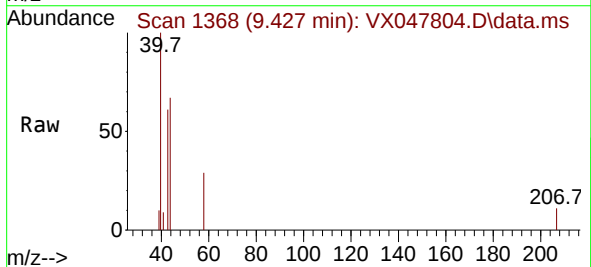
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-280-282

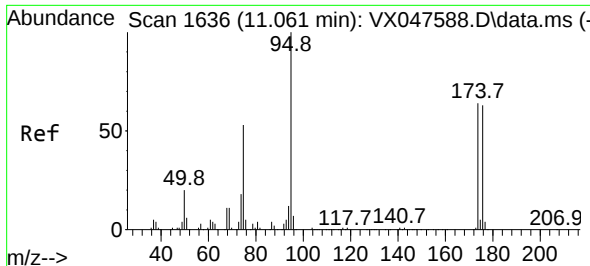
Tgt Ion: 98 Resp: 291903
Ion Ratio Lower Upper
98 100
100 66.4 53.0 79.4



#59
2-Hexanone
Concen: 0.274 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. 0.012 min
Lab File: VX047804.D
Acq: 25 Sep 2025 12:28

Tgt Ion: 43 Resp: 490
Ion Ratio Lower Upper
43 100
58 53.3 26.1 78.2

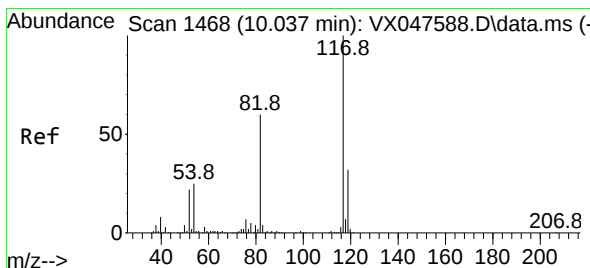
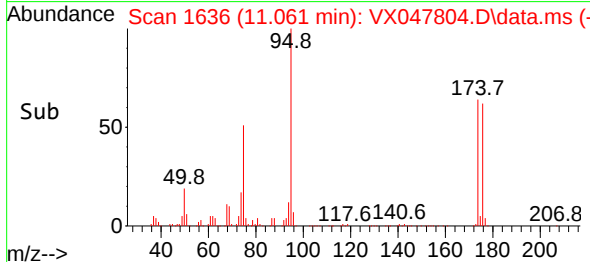
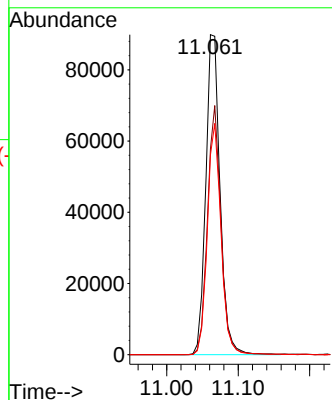
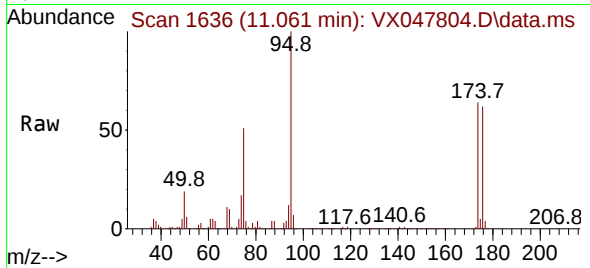




#62
4-Bromofluorobenzene
Concen: 54.273 ug/l
RT: 11.061 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX047804.D
Acq: 25 Sep 2025 12:28

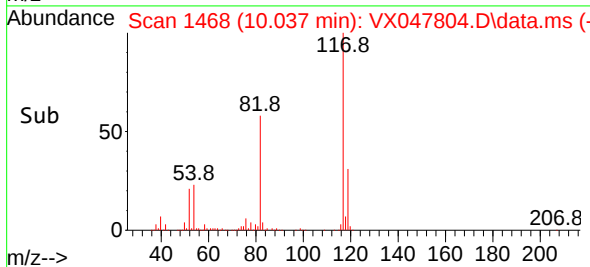
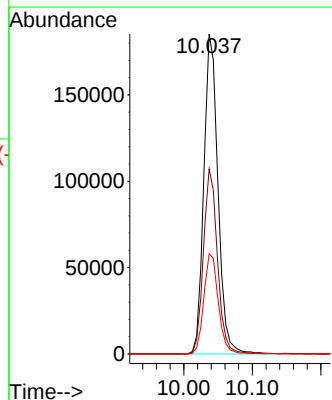
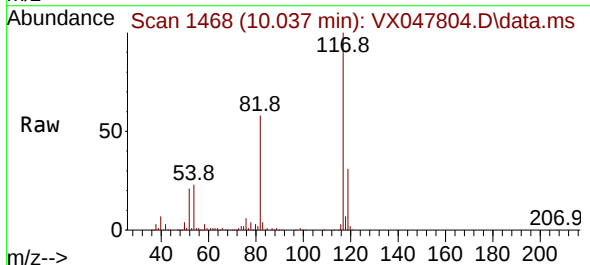
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-280-282

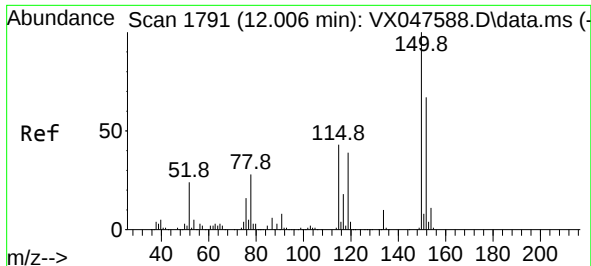
Tgt Ion: 95 Resp: 124746
Ion Ratio Lower Upper
95 100
174 73.9 0.0 141.6
176 69.2 0.0 138.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. 0.000 min
Lab File: VX047804.D
Acq: 25 Sep 2025 12:28

Tgt Ion: 117 Resp: 266894
Ion Ratio Lower Upper
117 100
82 57.8 47.8 71.6
119 31.3 25.2 37.8

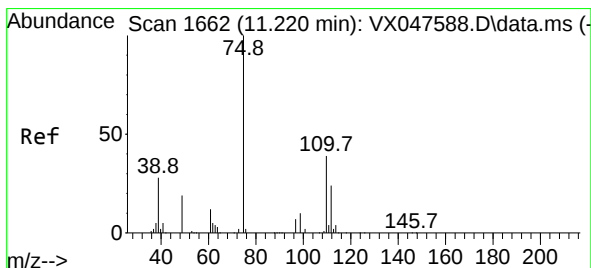
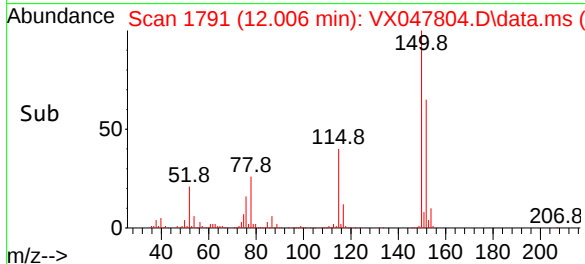
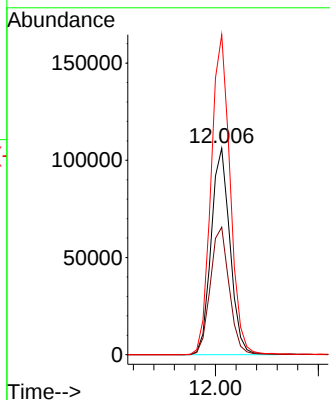
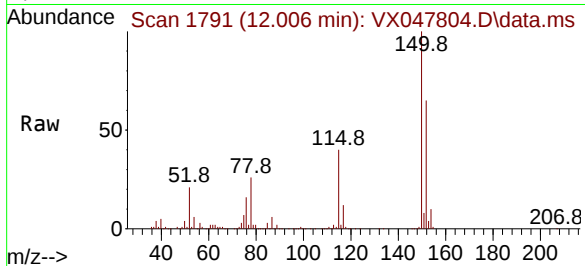




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.006 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX047804.D
 Acq: 25 Sep 2025 12:28

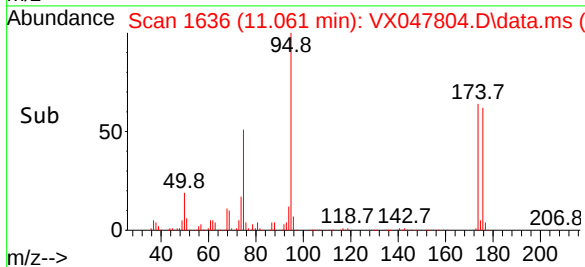
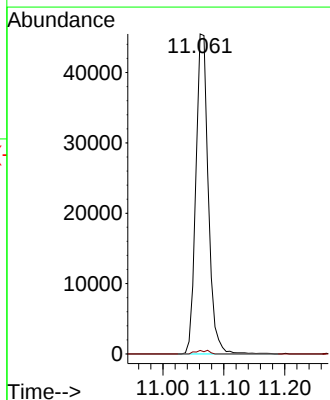
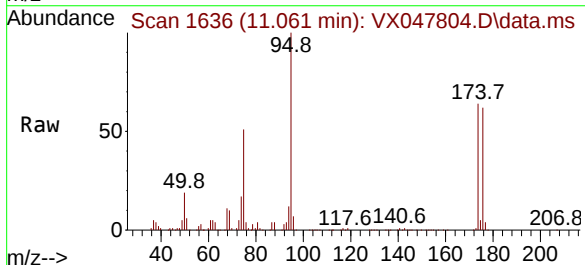
Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-184-GW-280-282

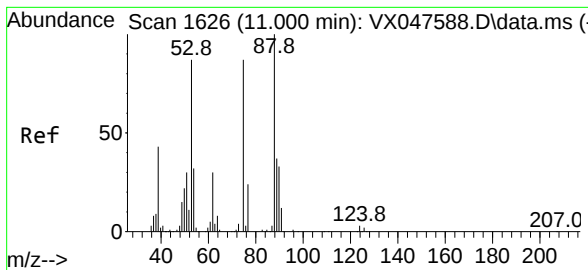
Tgt Ion:152 Resp: 134705
 Ion Ratio Lower Upper
 152 100
 115 62.3 44.9 134.5
 150 156.9 0.0 352.0



#76
 1,2,3-Trichloropropane
 Concen: 23.603 ug/l
 RT: 11.061 min Scan# 1636
 Delta R.T. -0.158 min
 Lab File: VX047804.D
 Acq: 25 Sep 2025 12:28

Tgt Ion: 75 Resp: 64374
 Ion Ratio Lower Upper
 75 100
 77 1.2 18.8 56.4#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 60.191 ug/l
 RT: 11.061 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX047804.D
 Acq: 25 Sep 2025 12:28

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-184-GW-280-282

Tgt Ion: 75 Resp: 64374
 Ion Ratio Lower Upper
 75 100
 53 0.0 83.4 125.2#
 89 0.0 36.3 54.5#

