

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092325\
 Data File : VX047732.D
 Acq On : 23 Sep 2025 14:49
 Operator : JC/MD
 Sample : Q3141-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-184-GW-150-152

Quant Time: Sep 24 01:33:46 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)

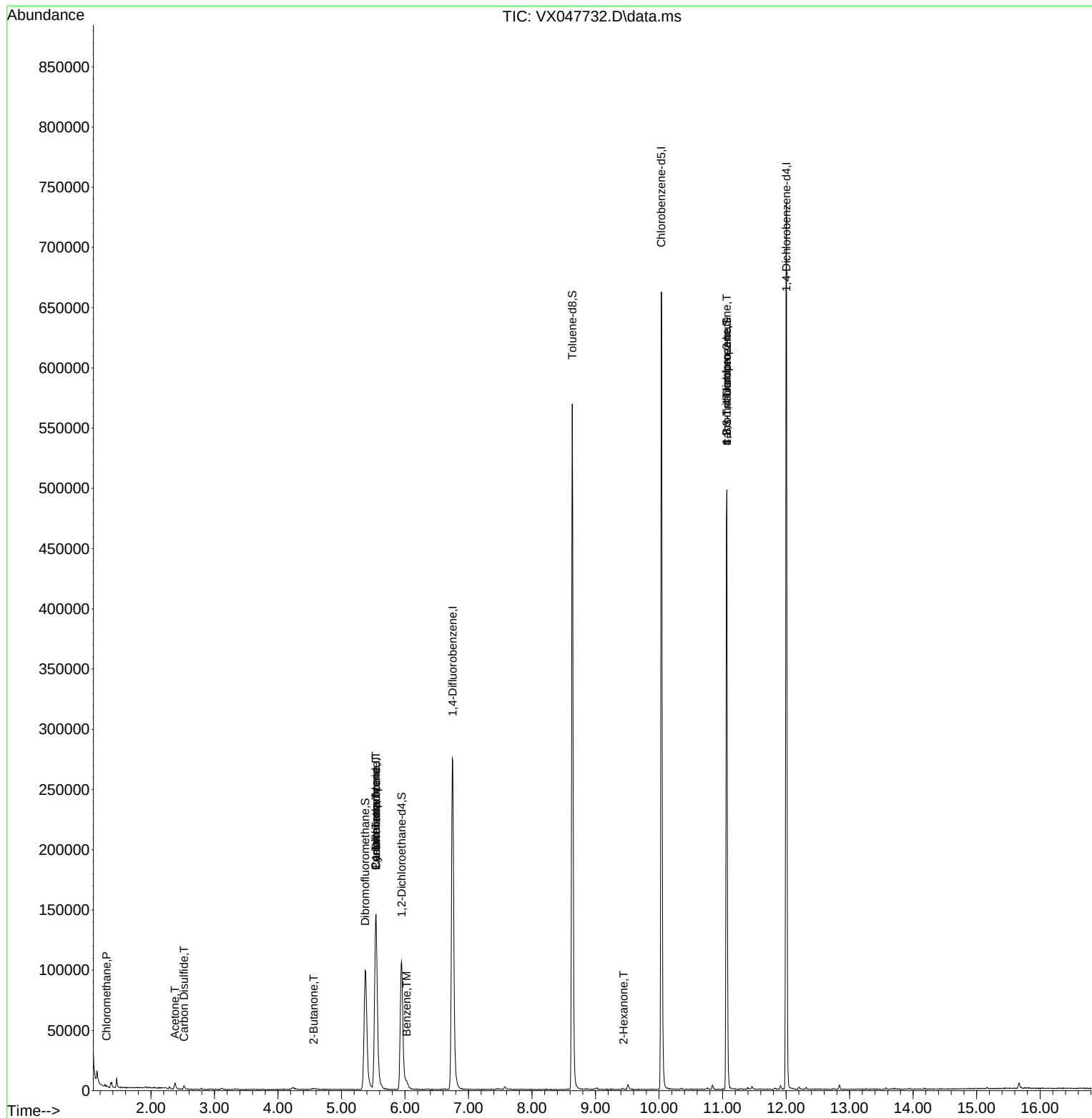
Internal Standards						
1) Pentafluorobenzene	5.544	168	145260	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	301134	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	306124	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	153459	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	117435	50.790	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 101.580%		
35) Dibromofluoromethane	5.373	113	97767	48.410	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 96.820%		
50) Toluene-d8	8.635	98	340540	48.731	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 97.460%		
62) 4-Bromofluorobenzene	11.067	95	144734	54.573	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 109.140%		
Target Compounds						
					Qvalue	
3) Chloromethane	1.301	50	563	0.285	ug/l #	83
16) Acetone	2.380	43	6460	6.426	ug/l	96
17) Carbon Disulfide	2.520	76	1735	0.367	ug/l	96
25) 2-Butanone	4.562	43	952	0.759	ug/l	93
31) Cyclohexane	5.544	56	3585	1.173	ug/l #	10
36) 1,1-Dichloropropene	5.544	75	11916	4.038	ug/l #	51
38) Carbon Tetrachloride	5.544	117	15523	4.841	ug/l #	18
40) Benzene	6.025	78	5391	0.601	ug/l	98
59) 2-Hexanone	9.439	43	776	0.376	ug/l	72
76) 1,2,3-Trichloropropane	11.067	75	75126	24.179	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.067	75	75126	61.660	ug/l #	8

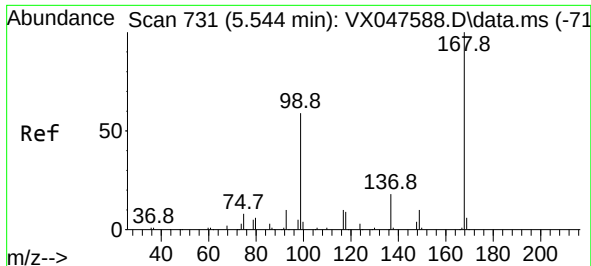
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092325\
Data File : VX047732.D
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Sample : Q3141-05
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ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-150-152

Quant Time: Sep 24 01:33:46 2025
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Response via : Initial Calibration

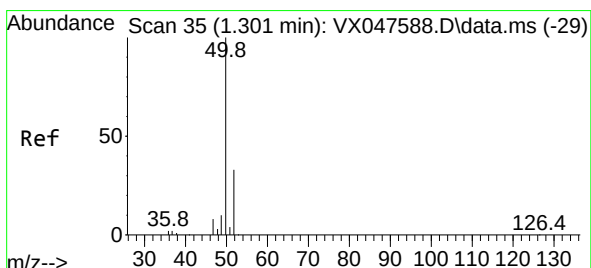
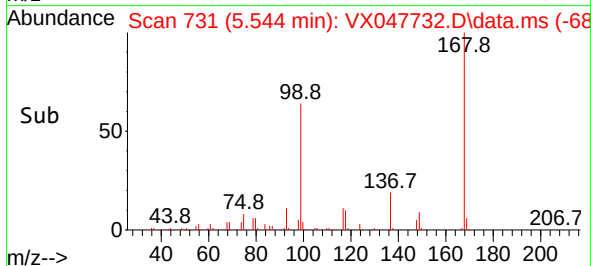
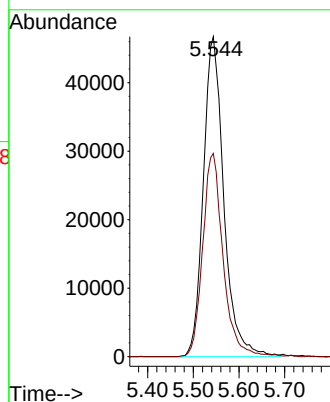
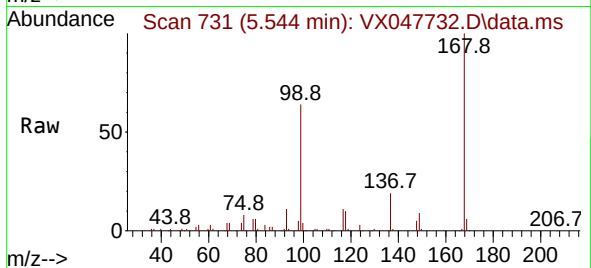




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX047732.D
Acq: 23 Sep 2025 14:49

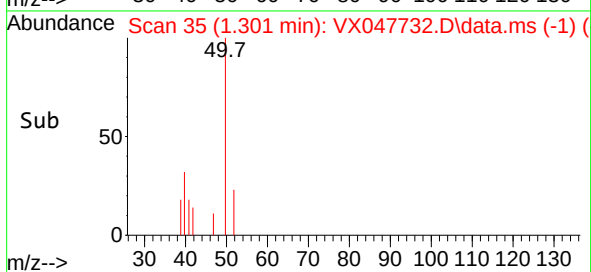
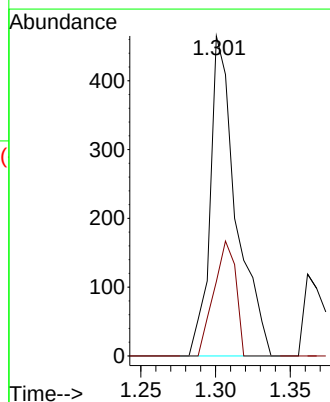
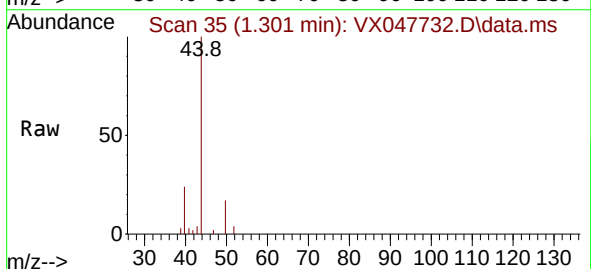
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-150-152

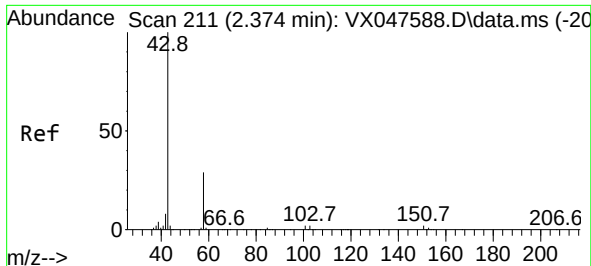
Tgt Ion:168 Resp: 145260
Ion Ratio Lower Upper
168 100
99 63.4 48.8 73.2



#3
Chloromethane
Concen: 0.285 ug/l
RT: 1.301 min Scan# 35
Delta R.T. -0.000 min
Lab File: VX047732.D
Acq: 23 Sep 2025 14:49

Tgt Ion: 50 Resp: 563
Ion Ratio Lower Upper
50 100
52 23.2 26.1 39.1#

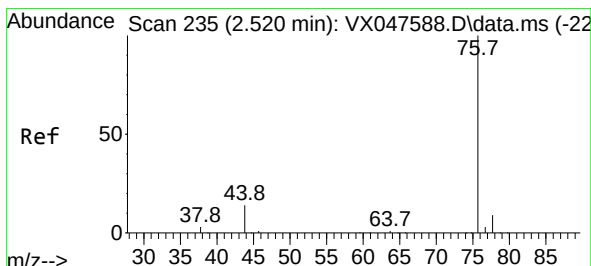
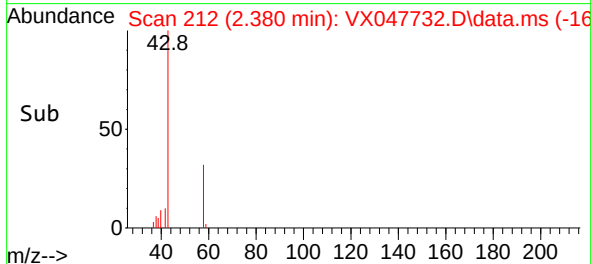
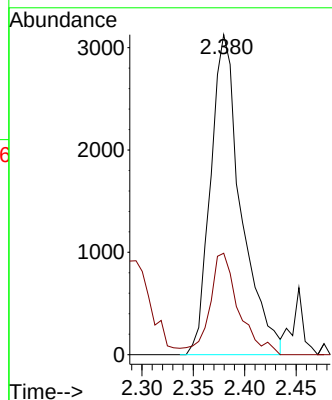
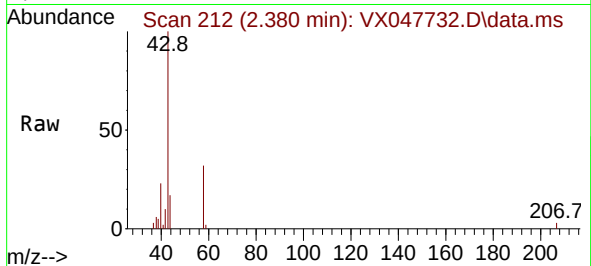




#16
Acetone
Concen: 6.426 ug/l
RT: 2.380 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX047732.D
Acq: 23 Sep 2025 14:49

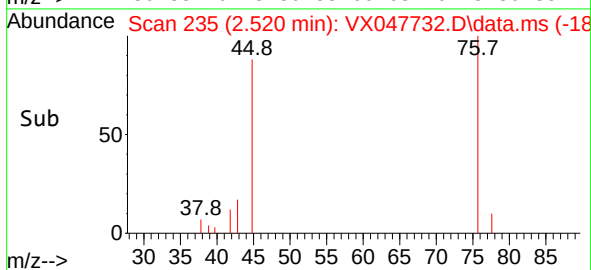
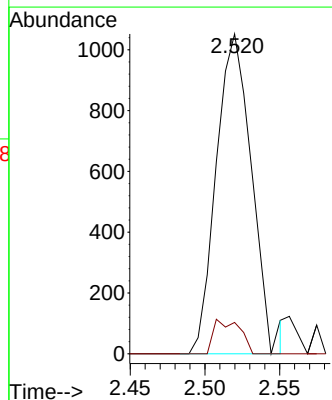
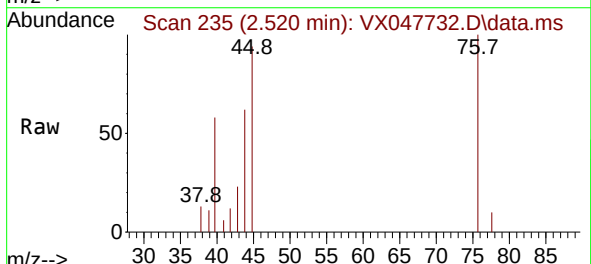
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-150-152

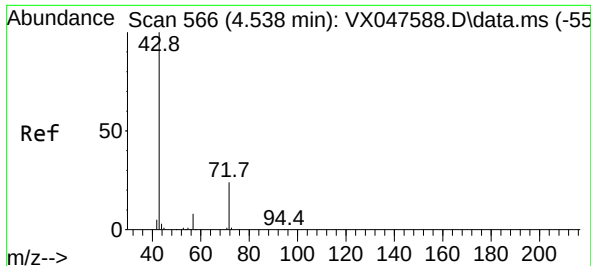
Tgt Ion: 43 Resp: 6460
Ion Ratio Lower Upper
43 100
58 27.1 23.4 35.0



#17
Carbon Disulfide
Concen: 0.367 ug/l
RT: 2.520 min Scan# 235
Delta R.T. -0.000 min
Lab File: VX047732.D
Acq: 23 Sep 2025 14:49

Tgt Ion: 76 Resp: 1735
Ion Ratio Lower Upper
76 100
78 9.8 6.8 10.2

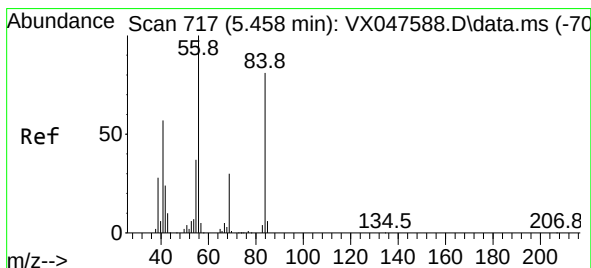
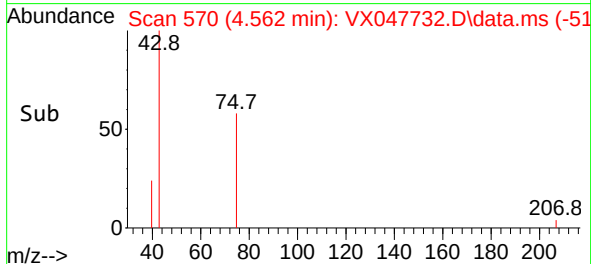
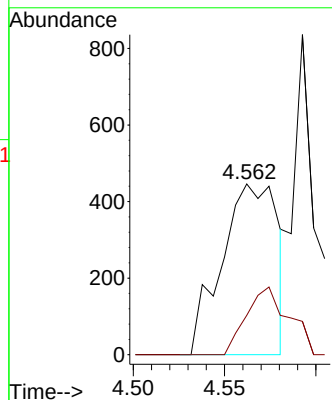
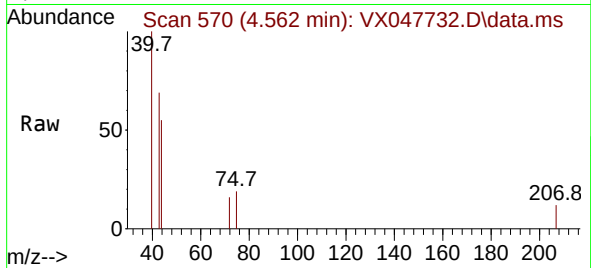




#25
2-Butanone
Concen: 0.759 ug/l
RT: 4.562 min Scan# 51
Delta R.T. 0.024 min
Lab File: VX047732.D
Acq: 23 Sep 2025 14:49

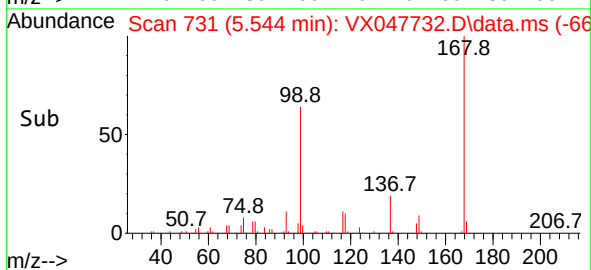
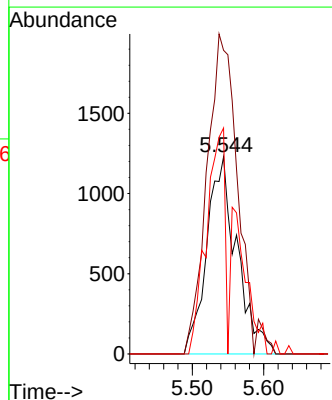
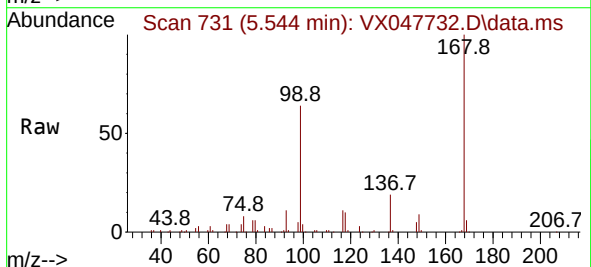
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-150-152

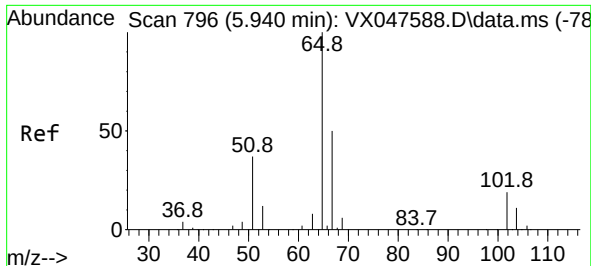
Tgt Ion: 43 Resp: 952
Ion Ratio Lower Upper
43 100
72 21.7 20.1 30.1



#31
Cyclohexane
Concen: 1.173 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.085 min
Lab File: VX047732.D
Acq: 23 Sep 2025 14:49

Tgt Ion: 56 Resp: 3585
Ion Ratio Lower Upper
56 100
69 154.0 23.8 35.8#
84 114.6 64.6 97.0#





#33

1,2-Dichloroethane-d4

Concen: 50.790 ug/l

RT: 5.946 min Scan# 796

Delta R.T. 0.006 min

Lab File: VX047732.D

Acq: 23 Sep 2025 14:49

Instrument :

MSVOA_X

ClientSampleId :

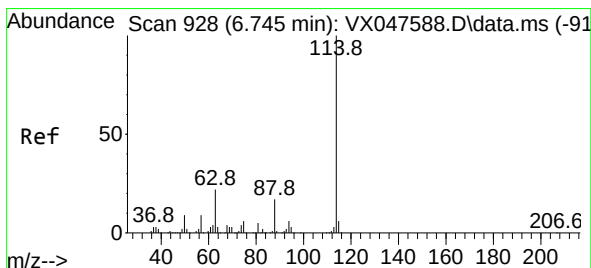
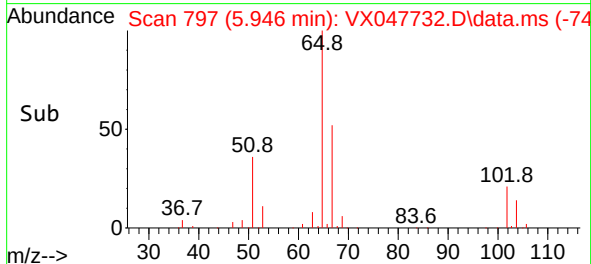
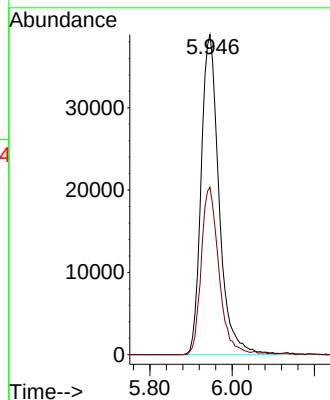
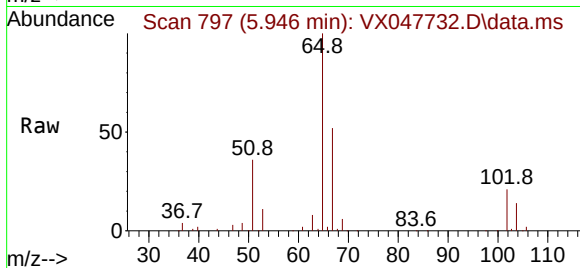
BP-VPB-184-GW-150-152

Tgt Ion: 65 Resp: 117435

Ion Ratio Lower Upper

65 100

67 51.5 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: VX047732.D

Acq: 23 Sep 2025 14:49

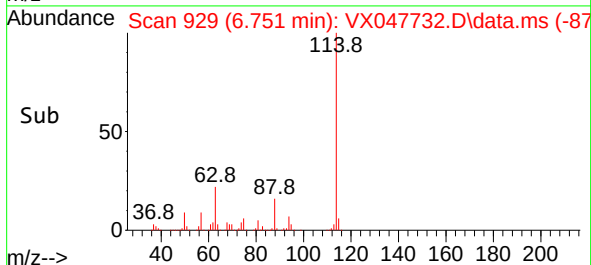
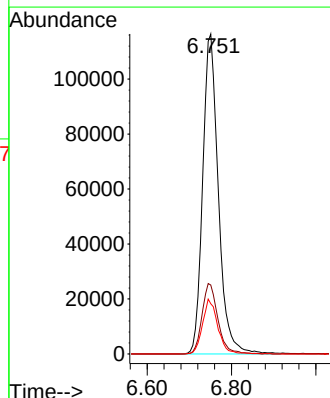
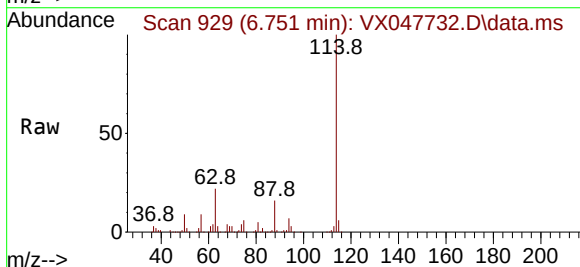
Tgt Ion: 114 Resp: 301134

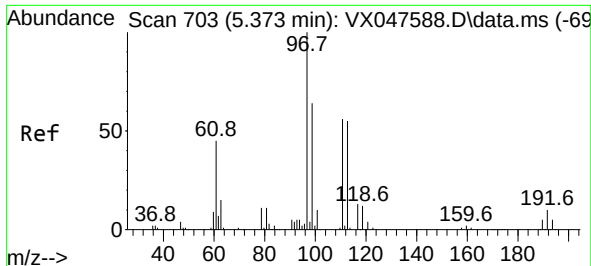
Ion Ratio Lower Upper

114 100

63 21.6 0.0 44.0

88 15.7 0.0 34.2

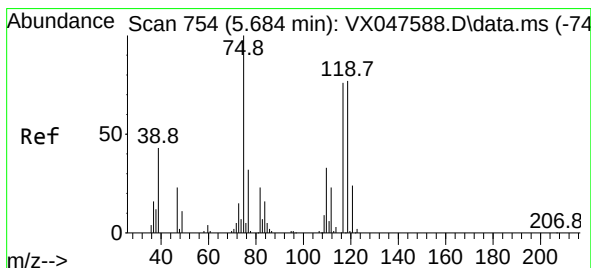
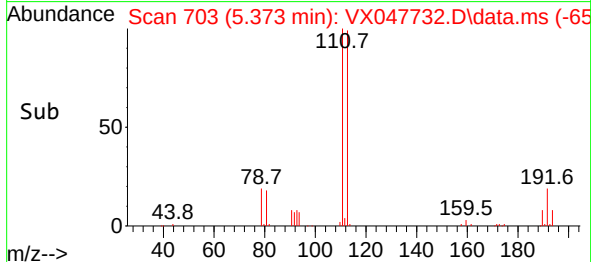
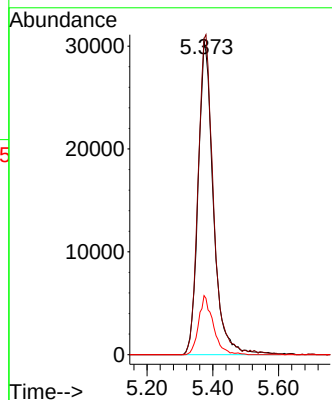
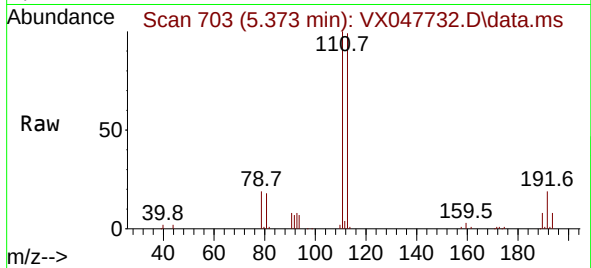




#35
Dibromofluoromethane
Concen: 48.410 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX047732.D
Acq: 23 Sep 2025 14:49

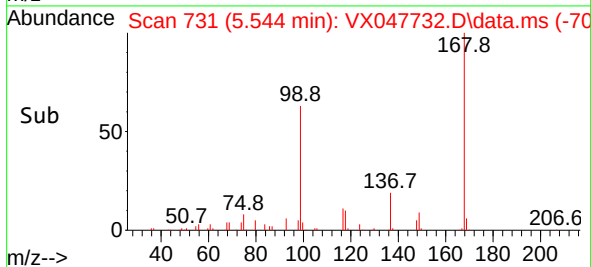
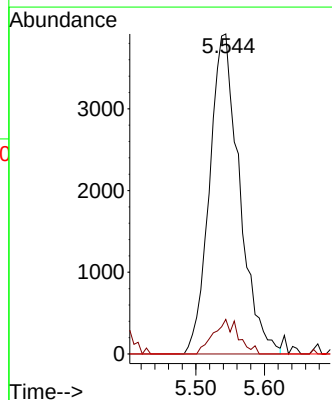
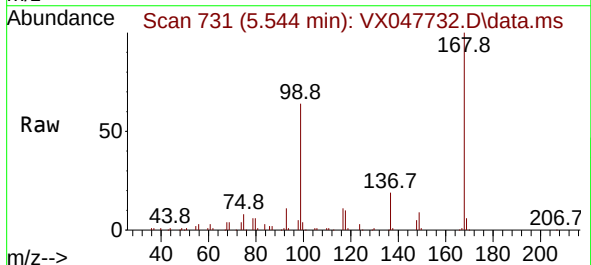
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-150-152

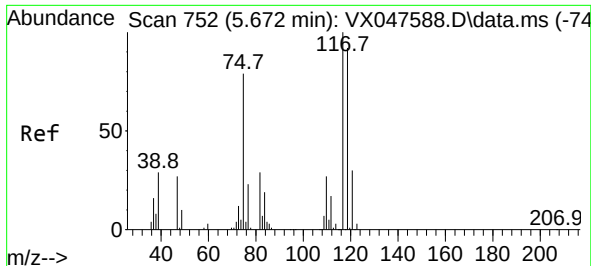
Tgt Ion:113 Resp: 97767
Ion Ratio Lower Upper
113 100
111 101.9 80.9 121.3
192 18.0 14.2 21.4



#36
1,1-Dichloropropene
Concen: 4.038 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.140 min
Lab File: VX047732.D
Acq: 23 Sep 2025 14:49

Tgt Ion: 75 Resp: 11916
Ion Ratio Lower Upper
75 100
110 9.0 16.7 50.1#
77 0.0 24.3 36.5#

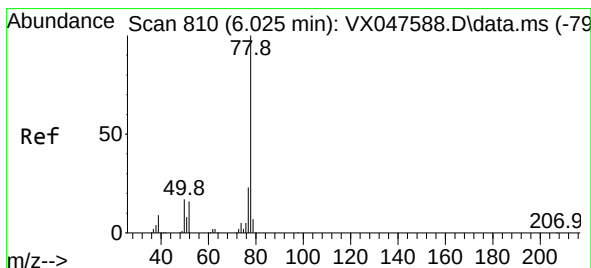
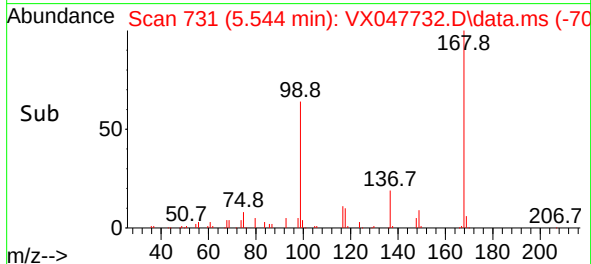
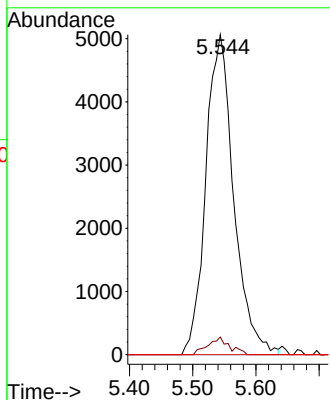
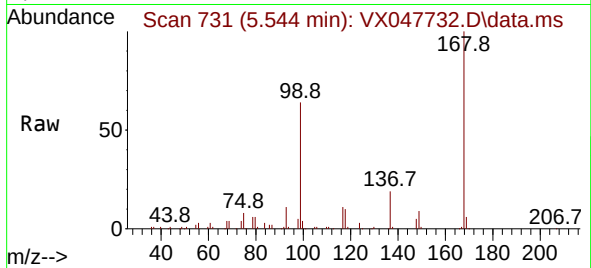




#38
Carbon Tetrachloride
Concen: 4.841 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX047732.D
Acq: 23 Sep 2025 14:49

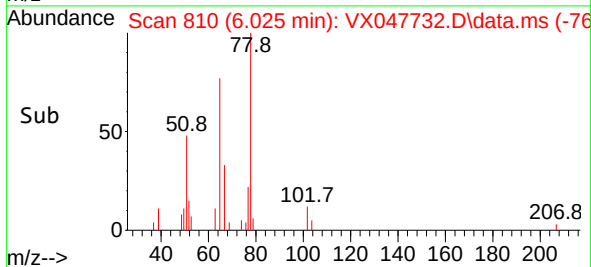
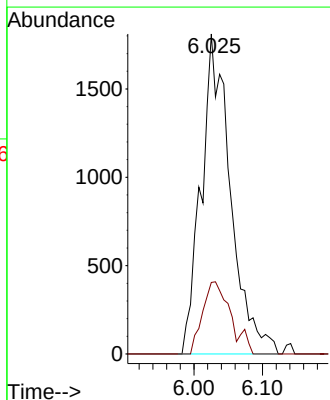
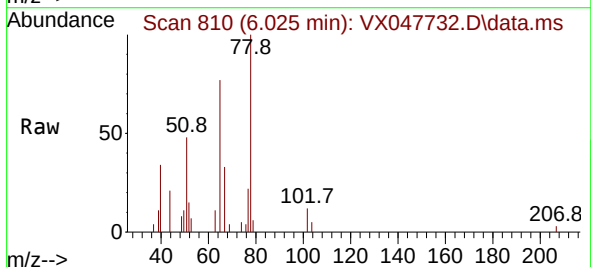
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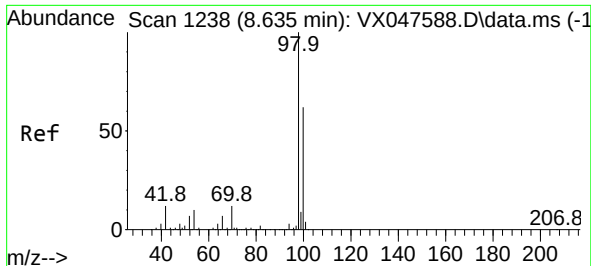
Tgt Ion:117 Resp: 15523
Ion Ratio Lower Upper
117 100
119 5.5 73.4 110.2#
121 0.0 23.8 35.6#



#40
Benzene
Concen: 0.601 ug/l
RT: 6.025 min Scan# 810
Delta R.T. -0.000 min
Lab File: VX047732.D
Acq: 23 Sep 2025 14:49

Tgt Ion: 78 Resp: 5391
Ion Ratio Lower Upper
78 100
77 22.4 18.8 28.2

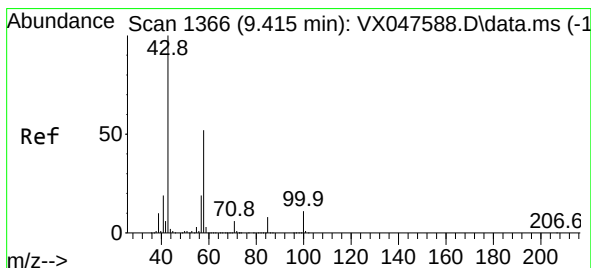
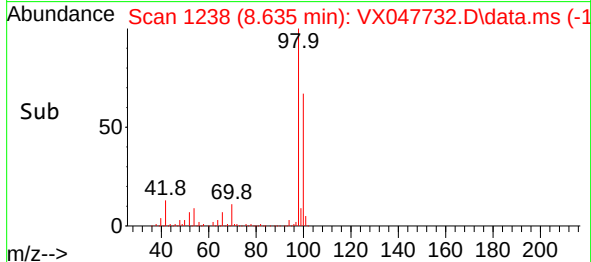
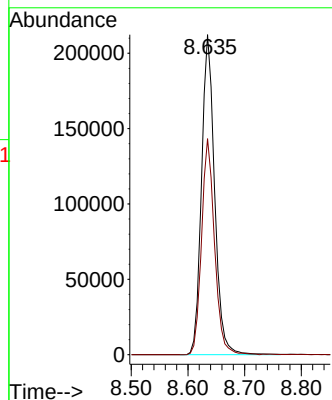
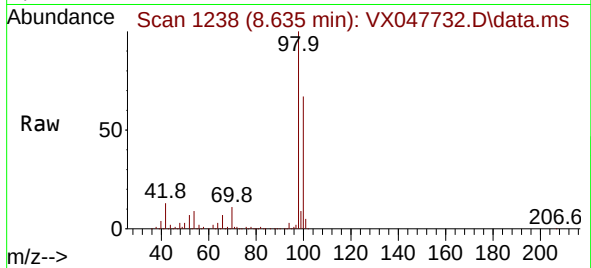




#50
Toluene-d8
Concen: 48.731 ug/l
RT: 8.635 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047732.D
Acq: 23 Sep 2025 14:49

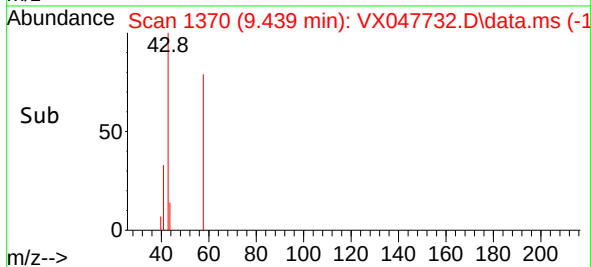
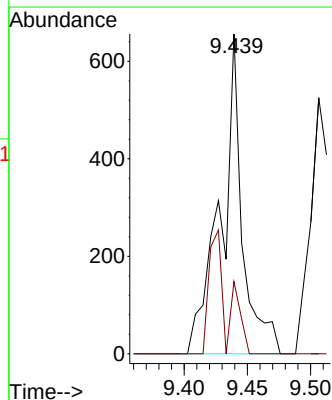
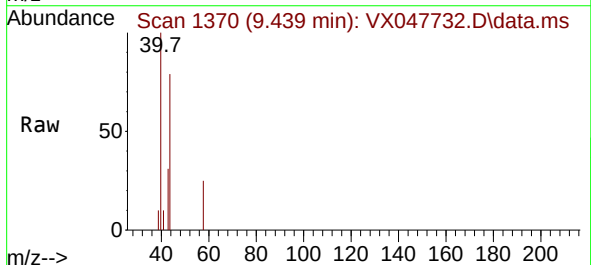
Instrument :
MSVOA_X
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BP-VPB-184-GW-150-152

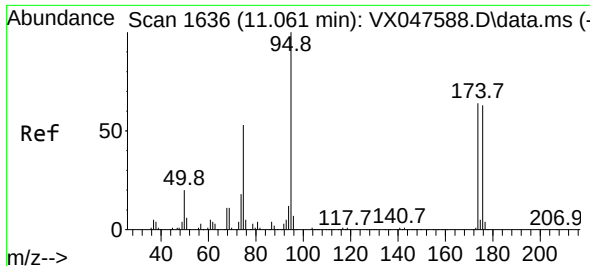
Tgt Ion: 98 Resp: 340540
Ion Ratio Lower Upper
98 100
100 66.9 53.0 79.4



#59
2-Hexanone
Concen: 0.376 ug/l
RT: 9.439 min Scan# 1370
Delta R.T. 0.024 min
Lab File: VX047732.D
Acq: 23 Sep 2025 14:49

Tgt Ion: 43 Resp: 776
Ion Ratio Lower Upper
43 100
58 32.6 26.1 78.2

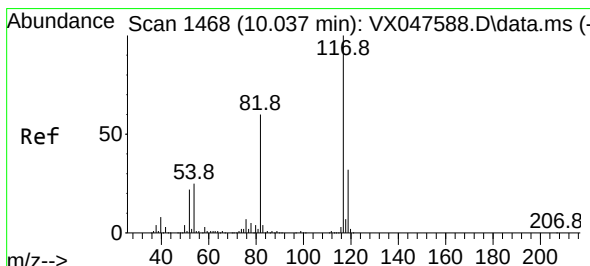
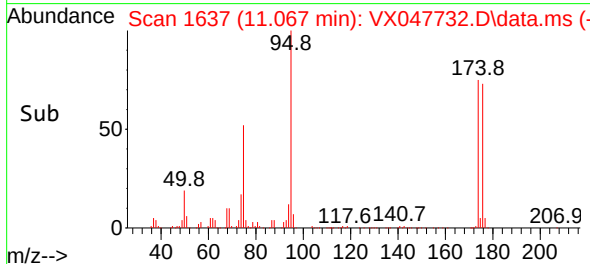
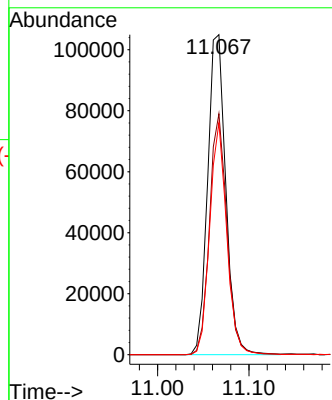
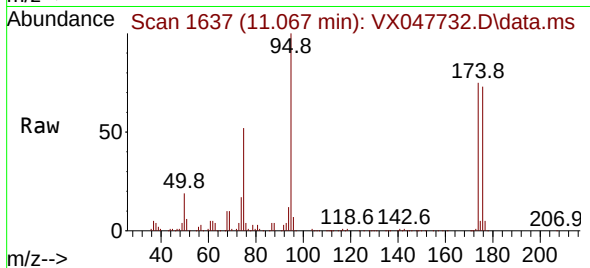




#62
4-Bromofluorobenzene
Concen: 54.573 ug/l
RT: 11.067 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047732.D
Acq: 23 Sep 2025 14:49

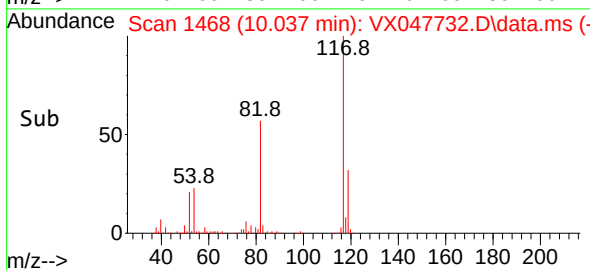
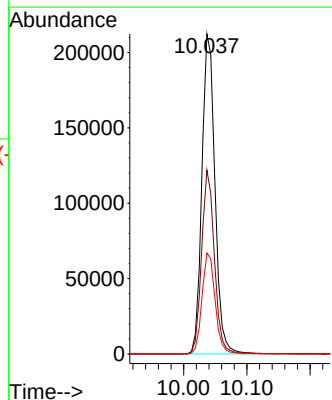
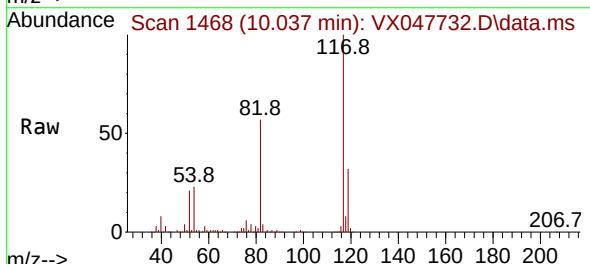
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-150-152

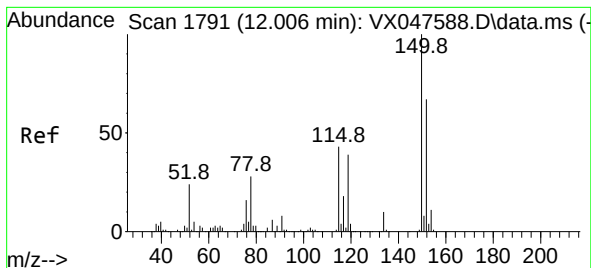
Tgt Ion: 95 Resp: 144734
Ion Ratio Lower Upper
95 100
174 72.5 0.0 141.6
176 67.9 0.0 138.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX047732.D
Acq: 23 Sep 2025 14:49

Tgt Ion: 117 Resp: 306124
Ion Ratio Lower Upper
117 100
82 57.5 47.8 71.6
119 31.6 25.2 37.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.006 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX047732.D

Acq: 23 Sep 2025 14:49

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-184-GW-150-152

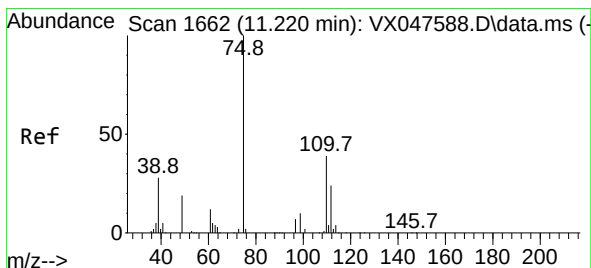
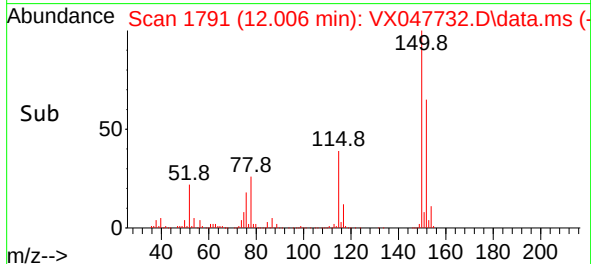
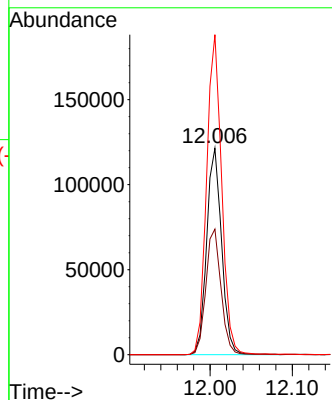
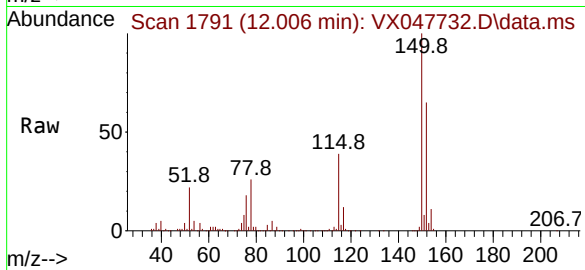
Tgt Ion:152 Resp: 153459

Ion Ratio Lower Upper

152 100

115 61.8 44.9 134.5

150 155.9 0.0 352.0



#76

1,2,3-Trichloropropane

Concen: 24.179 ug/l

RT: 11.067 min Scan# 1637

Delta R.T. -0.153 min

Lab File: VX047732.D

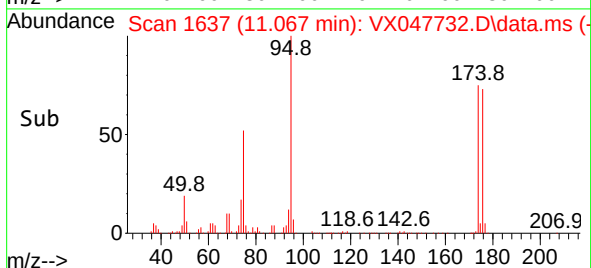
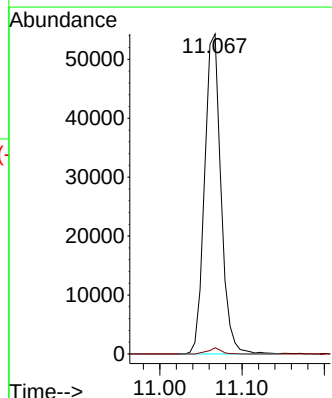
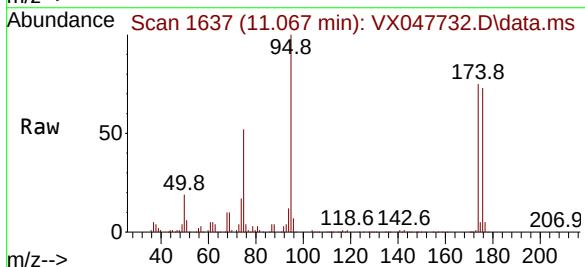
Acq: 23 Sep 2025 14:49

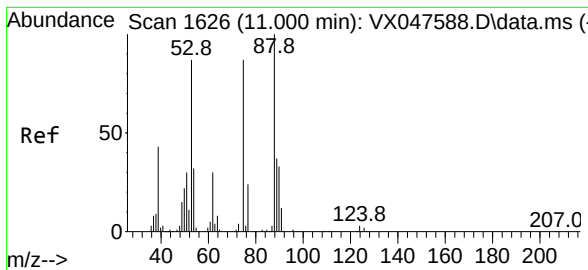
Tgt Ion: 75 Resp: 75126

Ion Ratio Lower Upper

75 100

77 1.6 18.8 56.4#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 61.660 ug/l
 RT: 11.067 min Scan# 1
 Delta R.T. 0.067 min
 Lab File: VX047732.D
 Acq: 23 Sep 2025 14:49

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-184-GW-150-152

Tgt Ion: 75 Resp: 75126
 Ion Ratio Lower Upper
 75 100
 53 0.0 83.4 125.2#
 89 0.0 36.3 54.5#

