

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092525\
 Data File : VX047820.D
 Acq On : 25 Sep 2025 18:06
 Operator : JC/MD
 Sample : Q3165-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-184-GW-320-322

Quant Time: Sep 26 01:33:00 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	5.538	168	130467	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	276215	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	285610	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	145772	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	111872	53.870	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	107.740%
35) Dibromofluoromethane	5.379	113	93279	50.354	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.700%
50) Toluene-d8	8.635	98	316968	49.450	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.900%
62) 4-Bromofluorobenzene	11.061	95	135335	55.633	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	111.260%

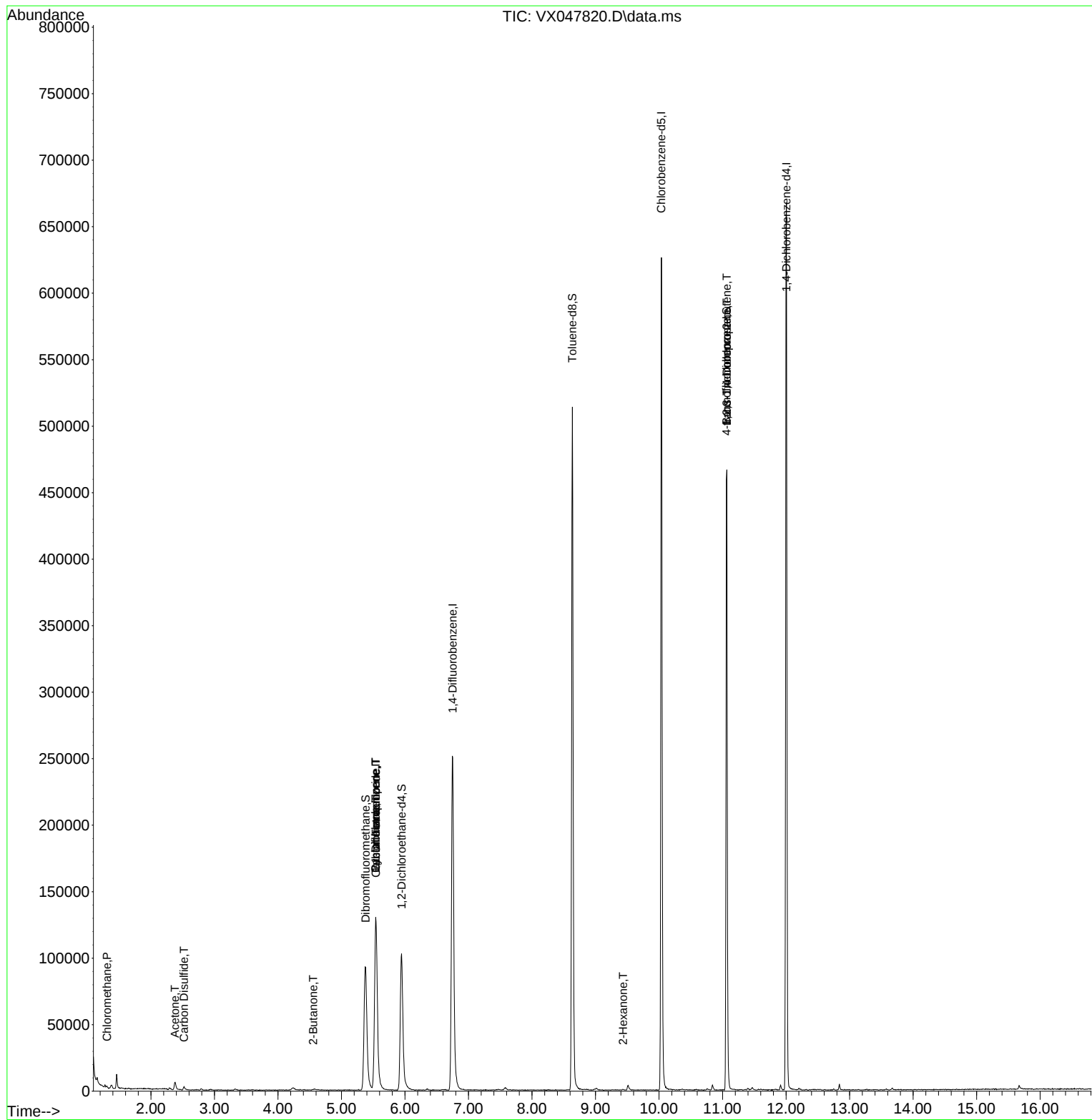
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.307	50	817	0.460	ug/l #	85
16) Acetone	2.380	43	7900	8.749	ug/l	95
17) Carbon Disulfide	2.520	76	1715	0.404	ug/l #	76
25) 2-Butanone	4.556	43	1881	1.670	ug/l	92
31) Cyclohexane	5.538	56	2901	1.057	ug/l #	8
36) 1,1-Dichloropropene	5.538	75	10986	4.059	ug/l #	47
38) Carbon Tetrachloride	5.544	117	13918	4.732	ug/l #	18
59) 2-Hexanone	9.433	43	453	0.239	ug/l	64
76) 1,2,3-Trichloropropane	11.067	75	70912	24.026	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.067	75	70912	61.271	ug/l #	8

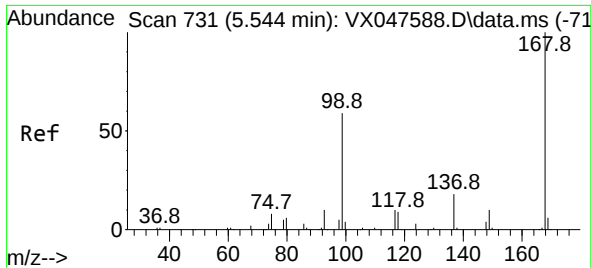
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092525\
Data File : VX047820.D
Acq On : 25 Sep 2025 18:06
Operator : JC/MD
Sample : Q3165-08
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-320-322

Quant Time: Sep 26 01:33:00 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

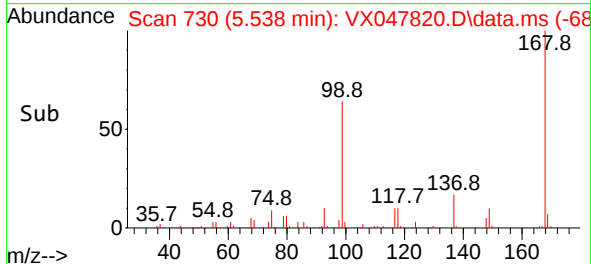
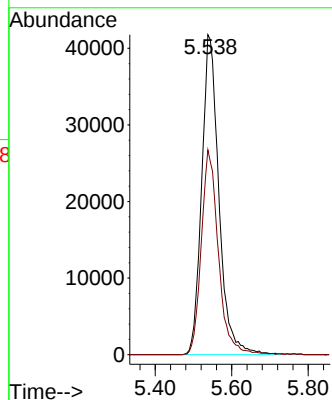
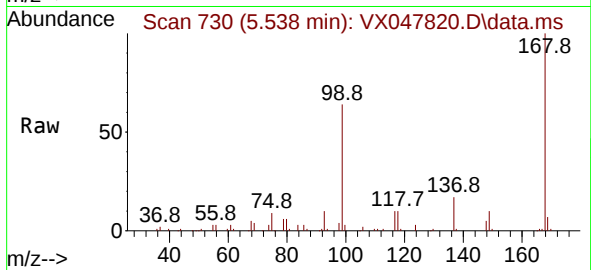




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX047820.D
Acq: 25 Sep 2025 18:06

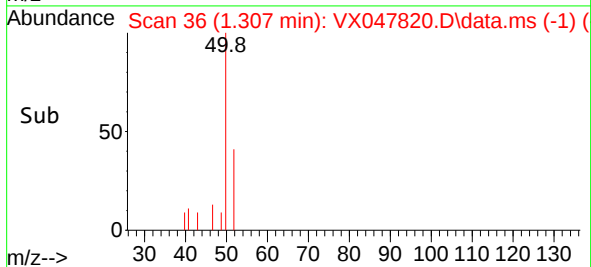
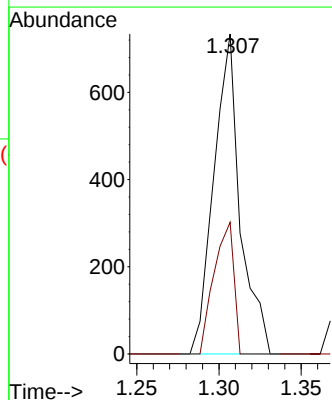
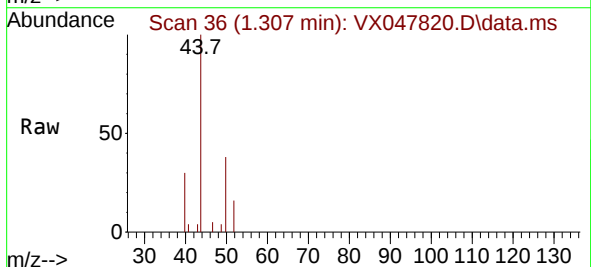
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-320-322

Tgt Ion:168 Resp: 130467
Ion Ratio Lower Upper
168 100
99 64.0 48.8 73.2



#3
Chloromethane
Concen: 0.460 ug/l
RT: 1.307 min Scan# 36
Delta R.T. 0.006 min
Lab File: VX047820.D
Acq: 25 Sep 2025 18:06

Tgt Ion: 50 Resp: 817
Ion Ratio Lower Upper
50 100
52 41.1 26.1 39.1#

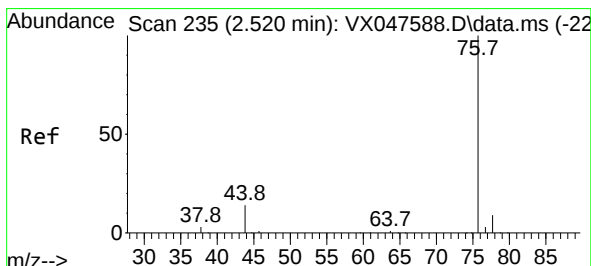
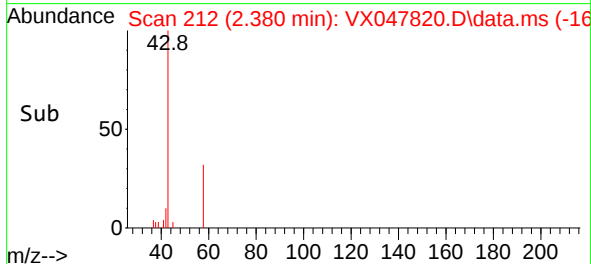
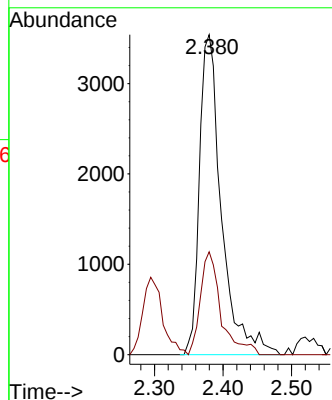
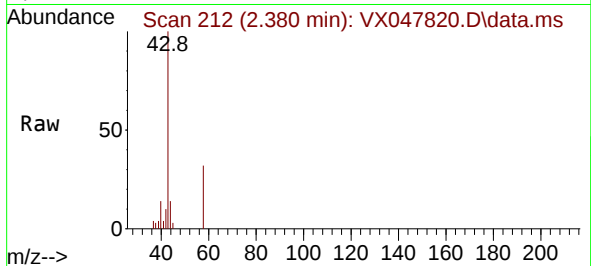




#16
Acetone
Concen: 8.749 ug/l
RT: 2.380 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX047820.D
Acq: 25 Sep 2025 18:06

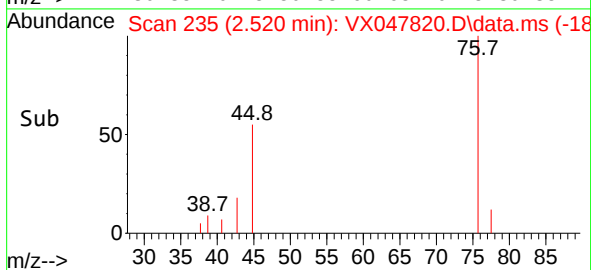
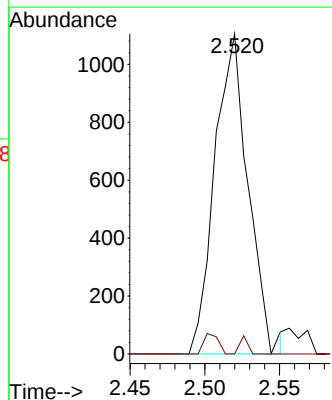
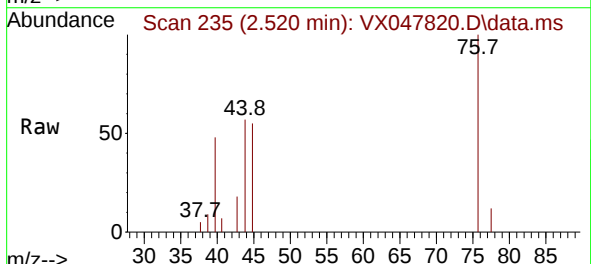
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-320-322

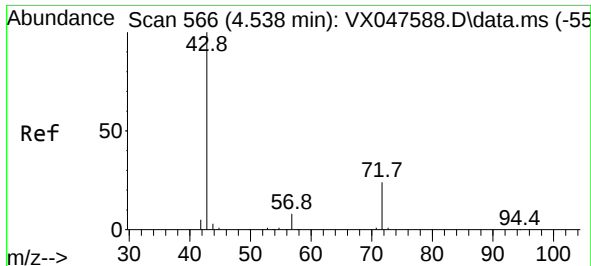
Tgt Ion: 43 Resp: 7900
Ion Ratio Lower Upper
43 100
58 32.1 23.4 35.0



#17
Carbon Disulfide
Concen: 0.404 ug/l
RT: 2.520 min Scan# 235
Delta R.T. -0.000 min
Lab File: VX047820.D
Acq: 25 Sep 2025 18:06

Tgt Ion: 76 Resp: 1715
Ion Ratio Lower Upper
76 100
78 0.0 6.8 10.2#

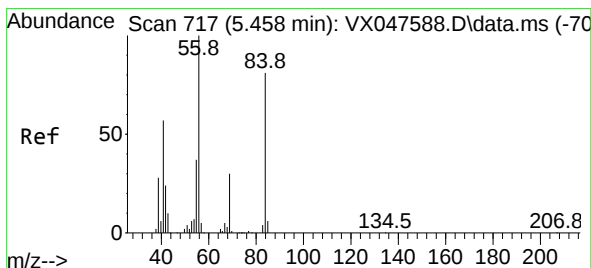
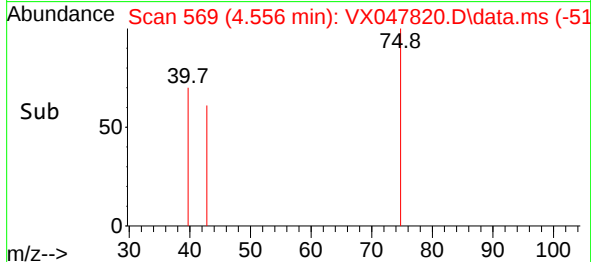
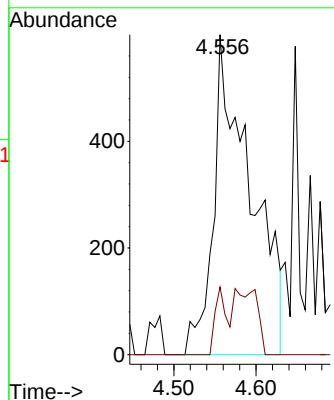
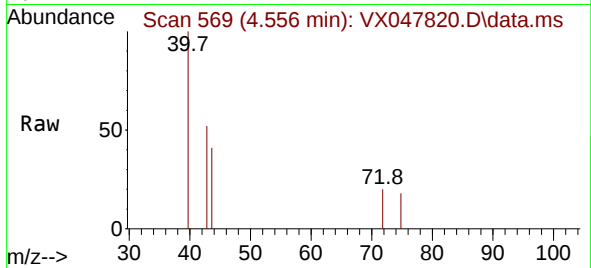




#25
2-Butanone
Concen: 1.670 ug/l
RT: 4.556 min Scan# 50
Delta R.T. 0.018 min
Lab File: VX047820.D
Acq: 25 Sep 2025 18:06

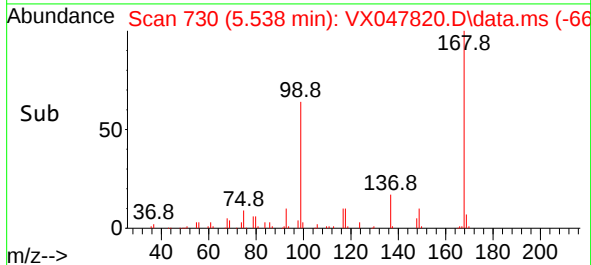
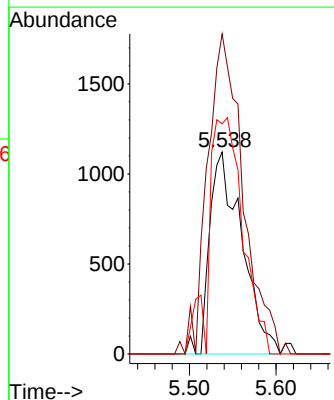
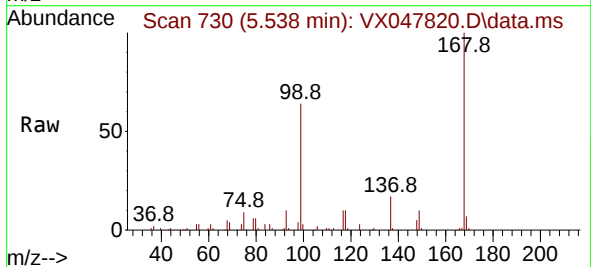
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-320-322

Tgt Ion: 43 Resp: 1881
Ion Ratio Lower Upper
43 100
72 21.2 20.1 30.1



#31
Cyclohexane
Concen: 1.057 ug/l
RT: 5.538 min Scan# 730
Delta R.T. 0.079 min
Lab File: VX047820.D
Acq: 25 Sep 2025 18:06

Tgt Ion: 56 Resp: 2901
Ion Ratio Lower Upper
56 100
69 158.5 23.8 35.8#
84 114.0 64.6 97.0#





#33

1,2-Dichloroethane-d4

Concen: 53.870 ug/l

RT: 5.946 min Scan# 796

Delta R.T. 0.006 min

Lab File: VX047820.D

Acq: 25 Sep 2025 18:06

Instrument :

MSVOA_X

ClientSampleId :

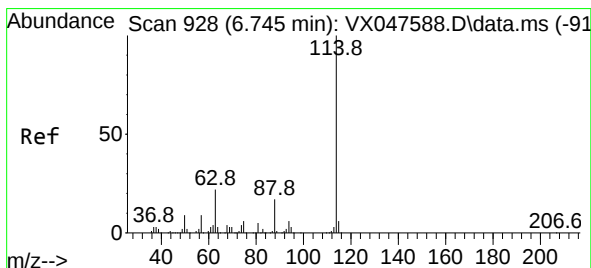
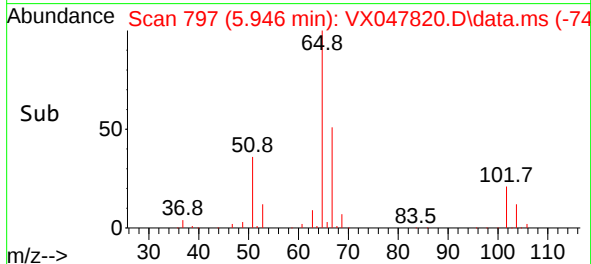
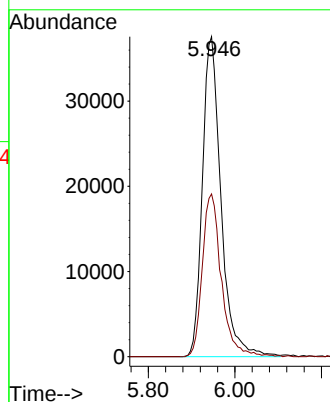
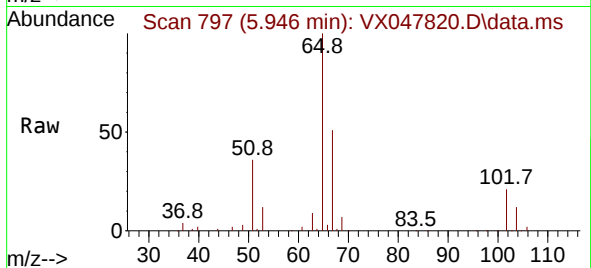
BP-VPB-184-GW-320-322

Tgt Ion: 65 Resp: 111872

Ion Ratio Lower Upper

65 100

67 52.1 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: VX047820.D

Acq: 25 Sep 2025 18:06

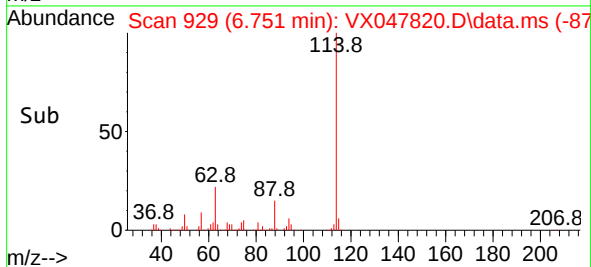
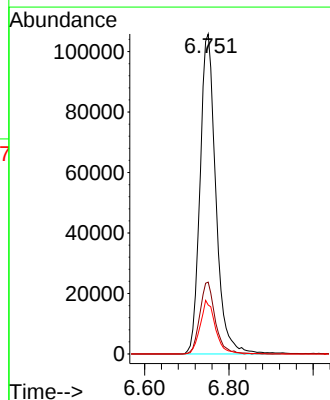
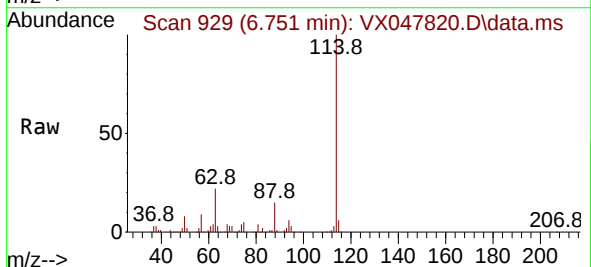
Tgt Ion: 114 Resp: 276215

Ion Ratio Lower Upper

114 100

63 22.4 0.0 44.0

88 15.3 0.0 34.2





#35

Dibromofluoromethane

Concen: 50.354 ug/l

RT: 5.379 min Scan# 703

Delta R.T. 0.006 min

Lab File: VX047820.D

Acq: 25 Sep 2025 18:06

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-184-GW-320-322

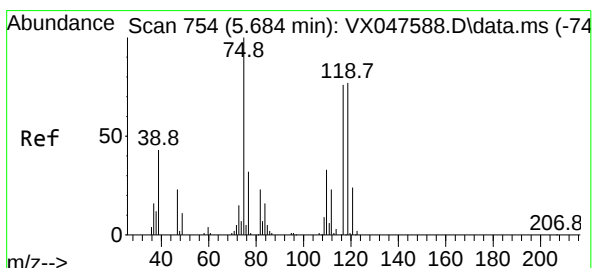
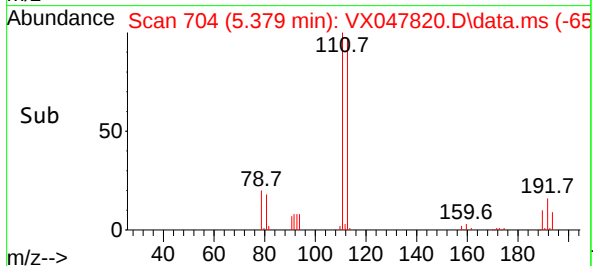
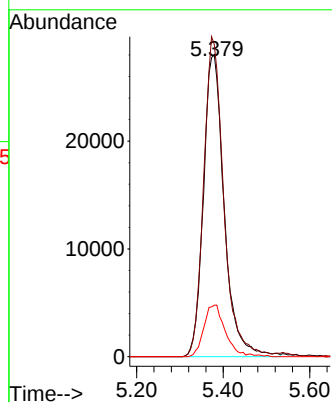
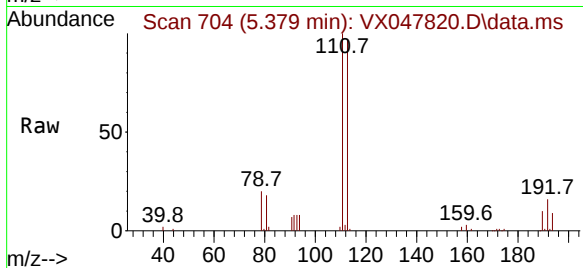
Tgt Ion:113 Resp: 93279

Ion Ratio Lower Upper

113 100

111 102.3 80.9 121.3

192 17.8 14.2 21.4



#36

1,1-Dichloropropene

Concen: 4.059 ug/l

RT: 5.538 min Scan# 730

Delta R.T. -0.146 min

Lab File: VX047820.D

Acq: 25 Sep 2025 18:06

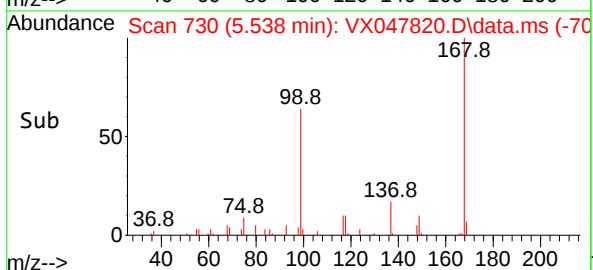
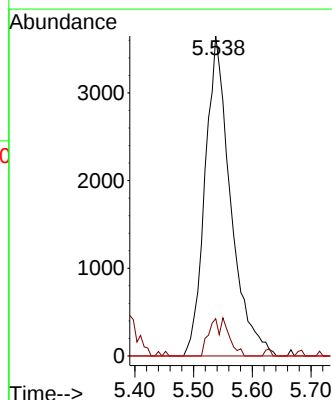
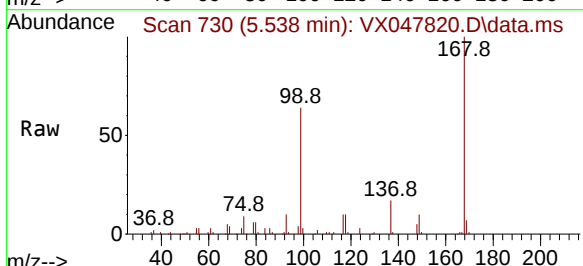
Tgt Ion: 75 Resp: 10986

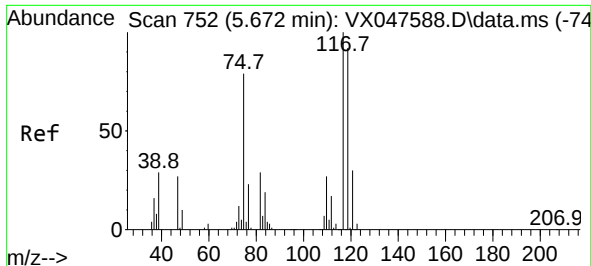
Ion Ratio Lower Upper

75 100

110 4.9 16.7 50.1#

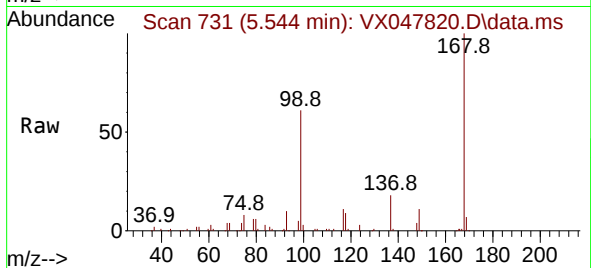
77 0.0 24.3 36.5#



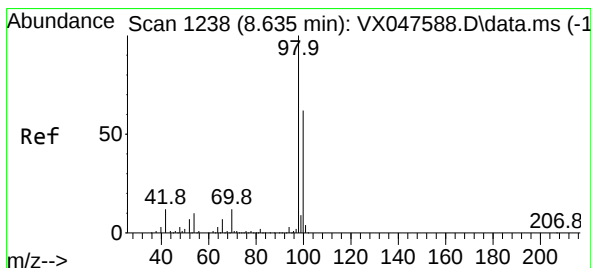
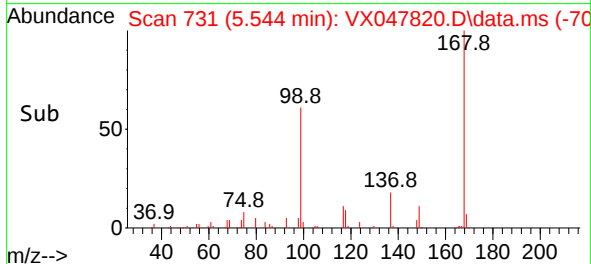
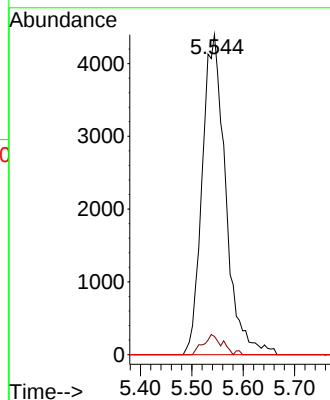


#38
Carbon Tetrachloride
Concen: 4.732 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX047820.D
Acq: 25 Sep 2025 18:06

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-320-322

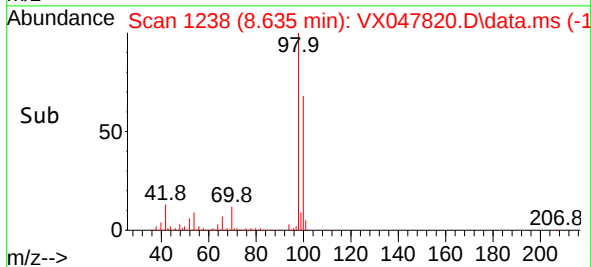
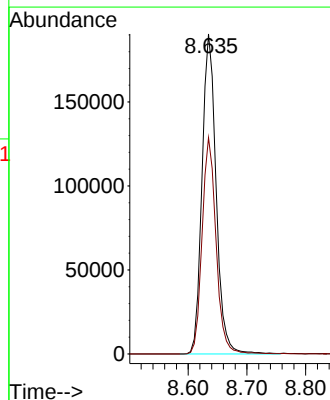
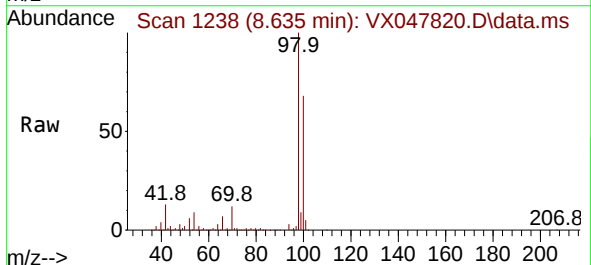


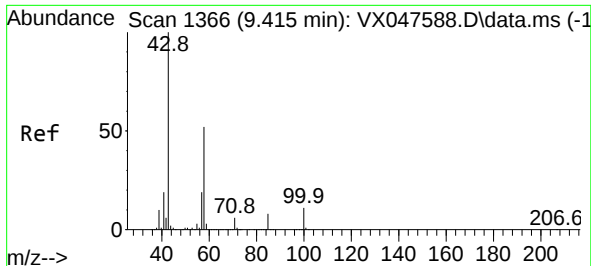
Tgt Ion:117 Resp: 13918
Ion Ratio Lower Upper
117 100
119 5.7 73.4 110.2#
121 0.0 23.8 35.6#



#50
Toluene-d8
Concen: 49.450 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX047820.D
Acq: 25 Sep 2025 18:06

Tgt Ion: 98 Resp: 316968
Ion Ratio Lower Upper
98 100
100 67.0 53.0 79.4

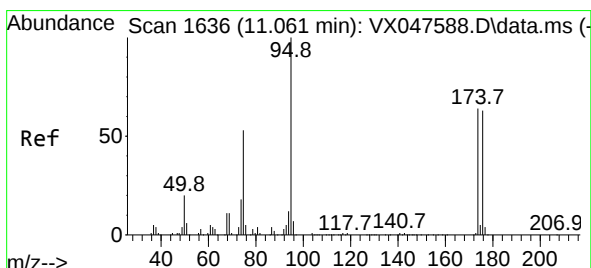
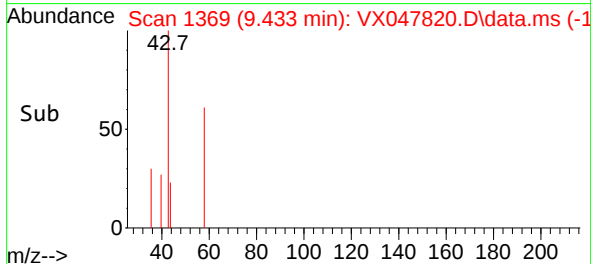
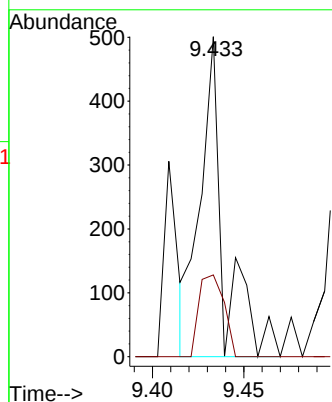
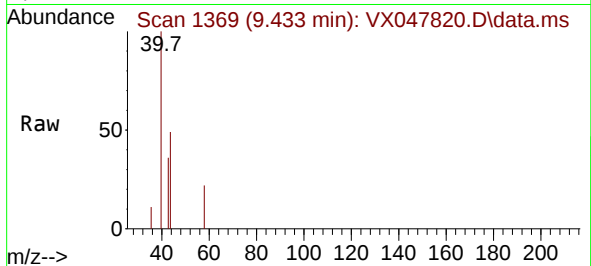




#59
2-Hexanone
Concen: 0.239 ug/l
RT: 9.433 min Scan# 11
Delta R.T. 0.018 min
Lab File: VX047820.D
Acq: 25 Sep 2025 18:06

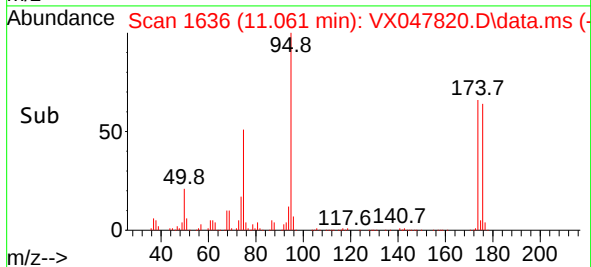
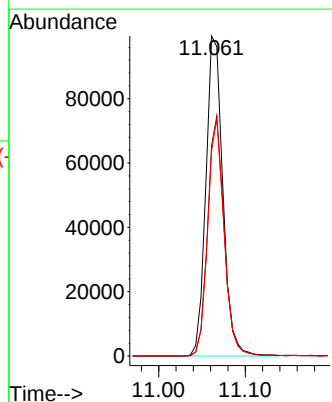
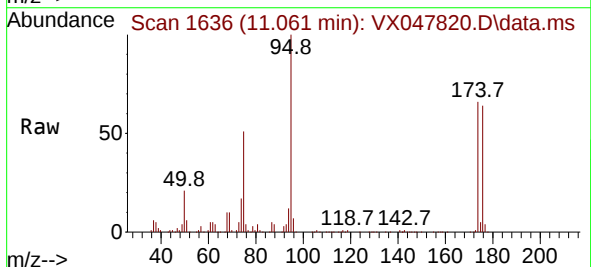
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-320-322

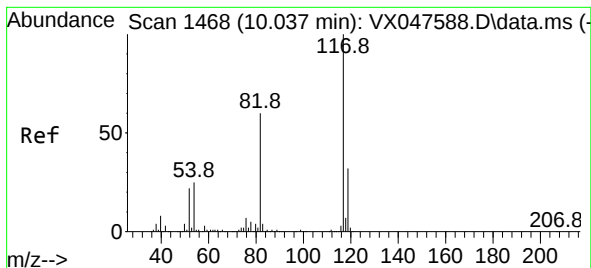
Tgt Ion: 43 Resp: 453
Ion Ratio Lower Upper
43 100
58 26.9 26.1 78.2



#62
4-Bromofluorobenzene
Concen: 55.633 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX047820.D
Acq: 25 Sep 2025 18:06

Tgt Ion: 95 Resp: 135335
Ion Ratio Lower Upper
95 100
174 72.9 0.0 141.6
176 71.0 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: VX047820.D

Acq: 25 Sep 2025 18:06

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-184-GW-320-322

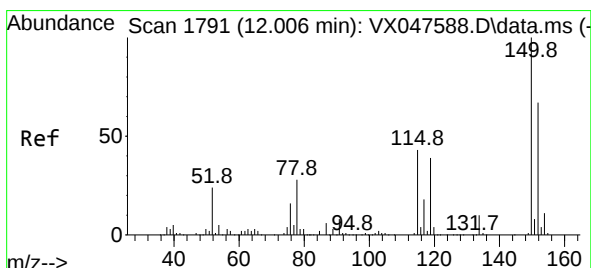
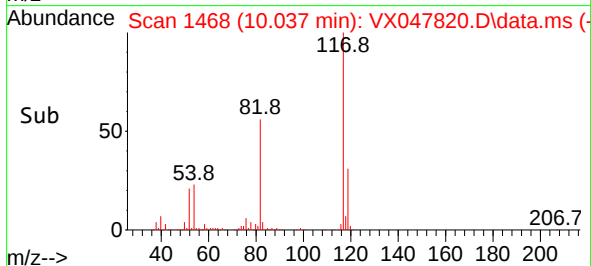
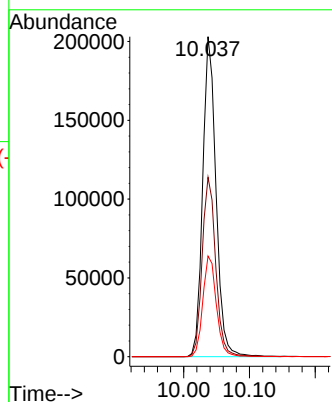
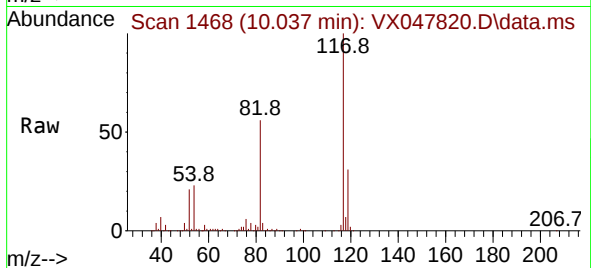
Tgt Ion:117 Resp: 285610

Ion Ratio Lower Upper

117 100

82 56.1 47.8 71.6

119 31.5 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: VX047820.D

Acq: 25 Sep 2025 18:06

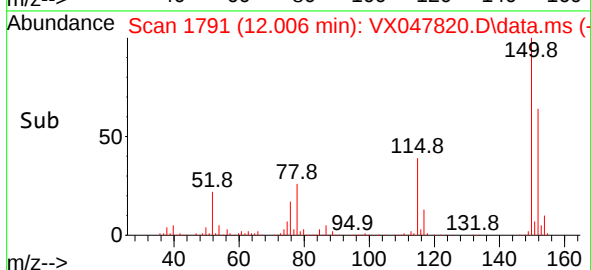
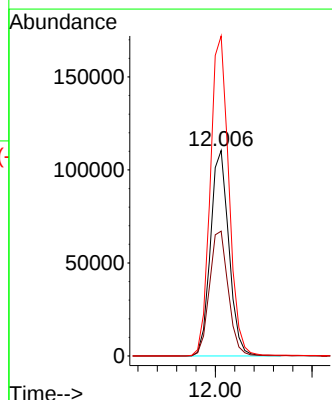
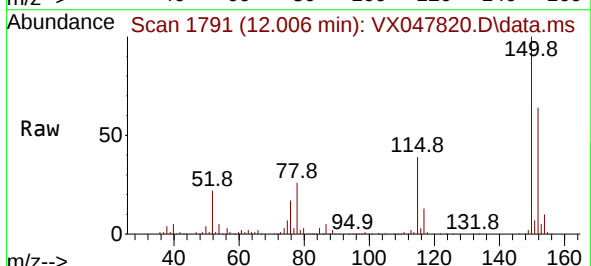
Tgt Ion:152 Resp: 145772

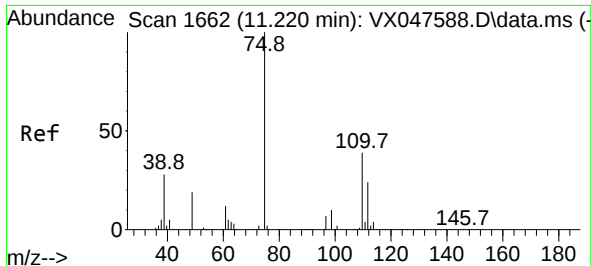
Ion Ratio Lower Upper

152 100

115 61.9 44.9 134.5

150 157.7 0.0 352.0

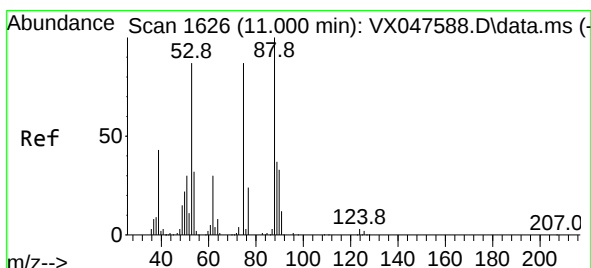
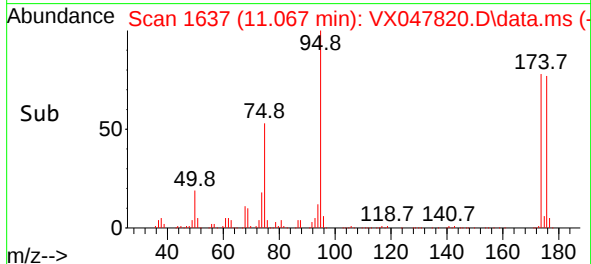
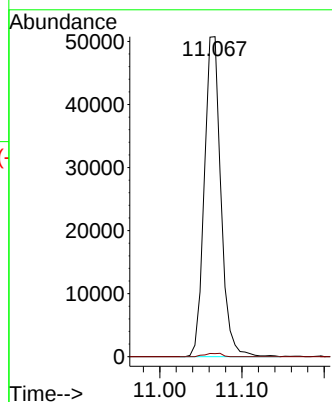
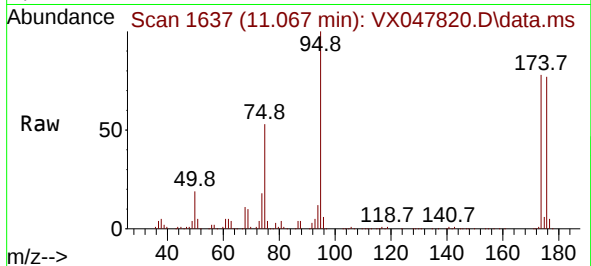




#76
1,2,3-Trichloropropane
Concen: 24.026 ug/l
RT: 11.067 min Scan# 1637
Delta R.T. -0.152 min
Lab File: VX047820.D
Acq: 25 Sep 2025 18:06

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-320-322

Tgt Ion: 75 Resp: 70912
Ion Ratio Lower Upper
75 100
77 1.1 18.8 56.4#



#81
trans-1,4-Dichloro-2-butene
Concen: 61.271 ug/l
RT: 11.067 min Scan# 1637
Delta R.T. 0.067 min
Lab File: VX047820.D
Acq: 25 Sep 2025 18:06

Tgt Ion: 75 Resp: 70912
Ion Ratio Lower Upper
75 100
53 0.0 83.4 125.2#
89 0.0 36.3 54.5#

