

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100325\
 Data File : VX048000.D
 Acq On : 03 Oct 2025 17:18
 Operator : JC/MD
 Sample : Q3248-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-184-GW-620-622

Quant Time: Oct 03 23:52:42 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	113992	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	234307	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	240205	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	119987	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	93197	51.363	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	102.720%
35) Dibromofluoromethane	5.379	113	77001	49.002	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.000%
50) Toluene-d8	8.635	98	263181	48.403	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.800%
62) 4-Bromofluorobenzene	11.061	95	111851	54.203	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	108.400%

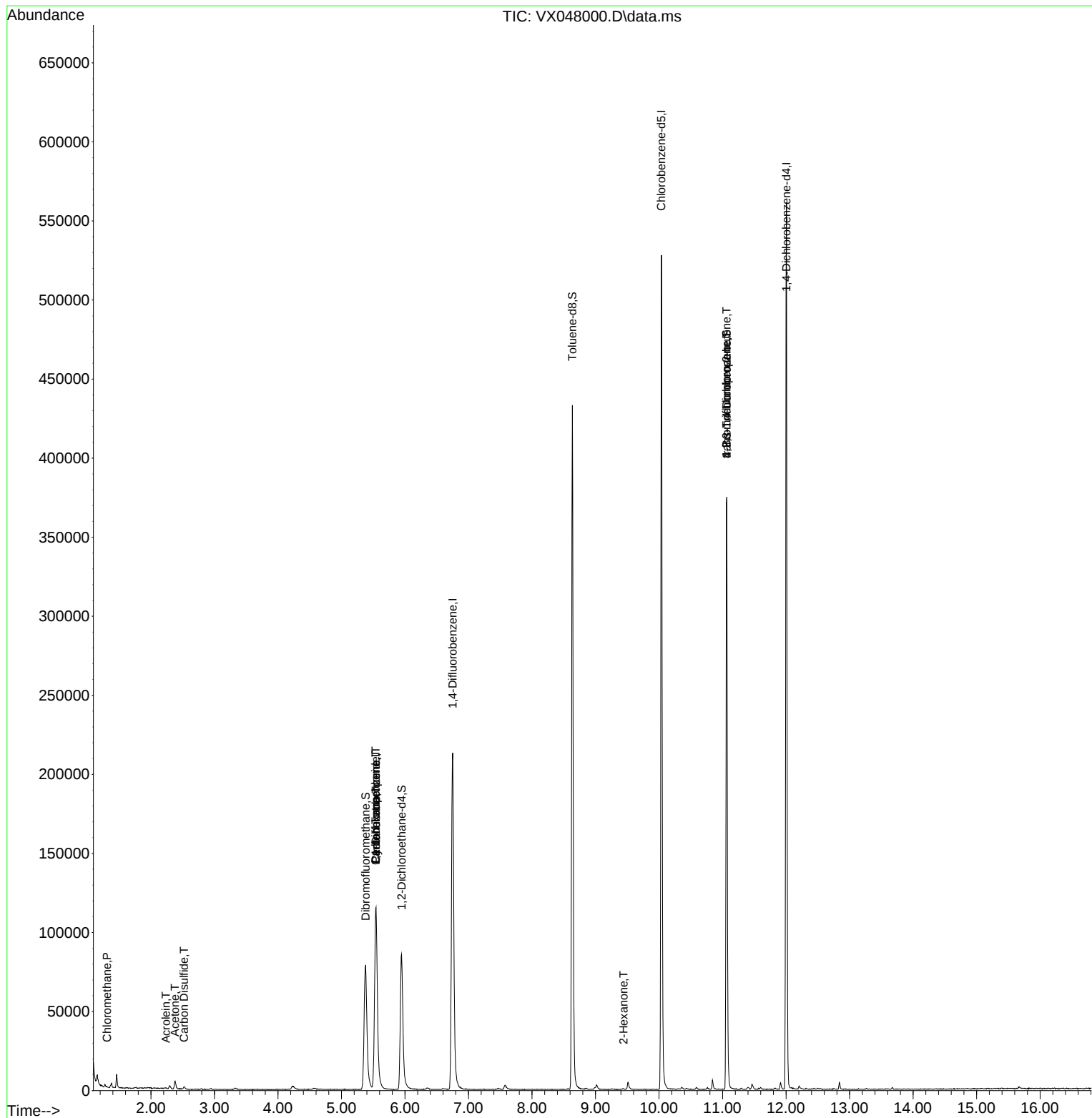
Target Compounds					Qvalue	
3) Chloromethane	1.307	50	629	0.405	ug/l #	80
13) Acrolein	2.233	56	124	0.666	ug/l	90
16) Acetone	2.380	43	6962	8.825	ug/l	93
17) Carbon Disulfide	2.520	76	921	0.248	ug/l #	76
31) Cyclohexane	5.544	56	2648	1.104	ug/l #	9
36) 1,1-Dichloropropene	5.538	75	10647	4.637	ug/l #	49
38) Carbon Tetrachloride	5.538	117	12808	5.134	ug/l #	18
59) 2-Hexanone	9.439	43	628	0.391	ug/l	78
76) 1,2,3-Trichloropropane	11.061	75	59125	24.338	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.061	75	59125	62.064	ug/l #	8

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

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Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-620-622

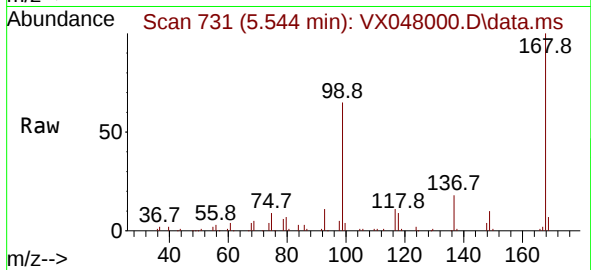
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration



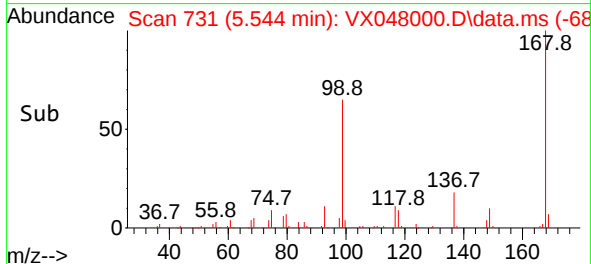
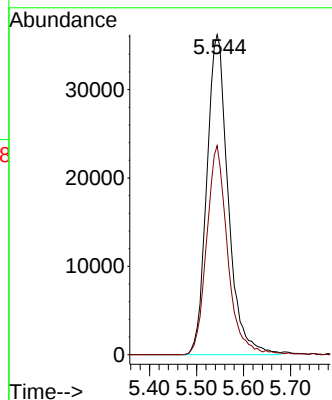


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX048000.D
Acq: 03 Oct 2025 17:18

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-620-622

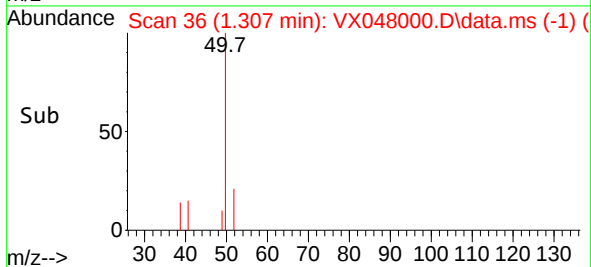
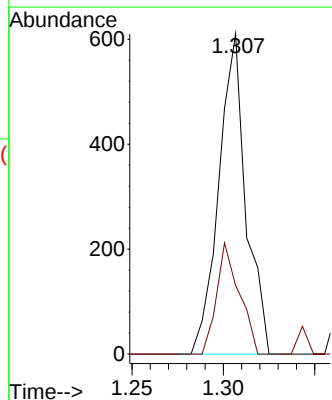
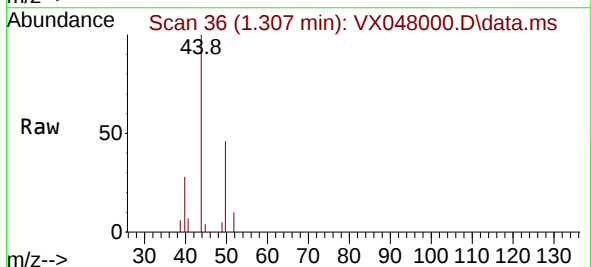


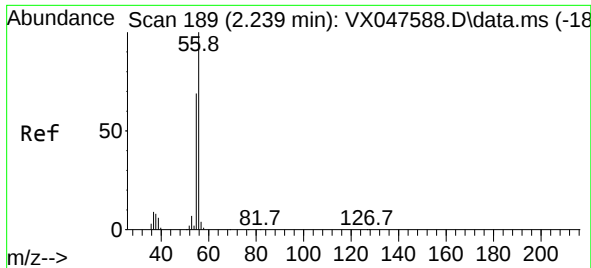
Tgt Ion:168 Resp: 113992
Ion Ratio Lower Upper
168 100
99 65.3 48.8 73.2



#3
Chloromethane
Concen: 0.405 ug/l
RT: 1.307 min Scan# 36
Delta R.T. 0.006 min
Lab File: VX048000.D
Acq: 03 Oct 2025 17:18

Tgt Ion: 50 Resp: 629
Ion Ratio Lower Upper
50 100
52 21.5 26.1 39.1#

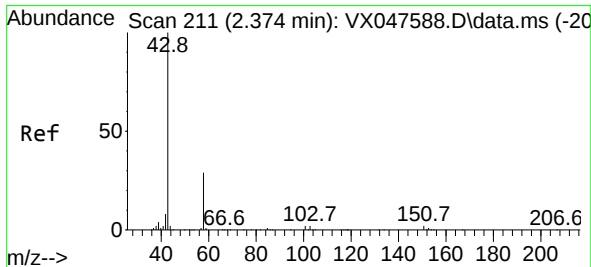
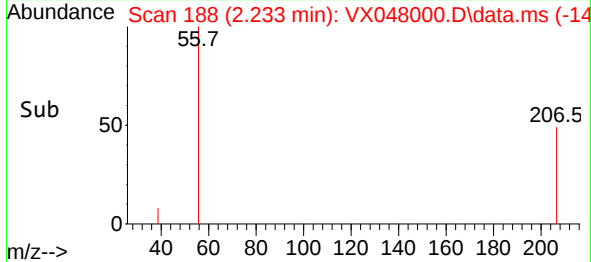
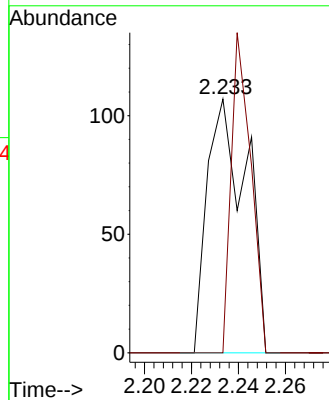
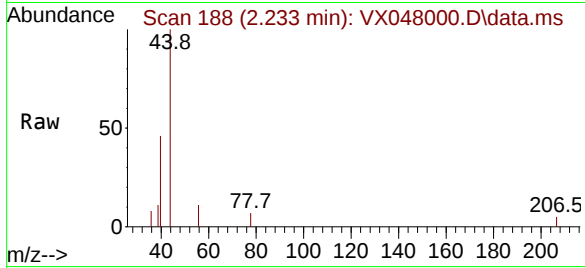




#13
Acrolein
Concen: 0.666 ug/l
RT: 2.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX048000.D
Acq: 03 Oct 2025 17:18

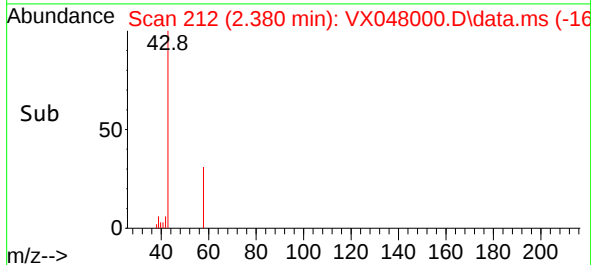
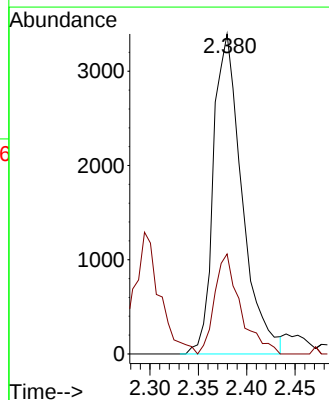
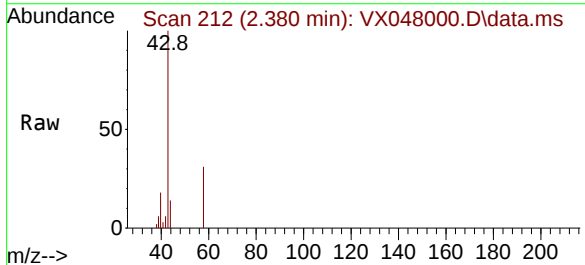
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-620-622

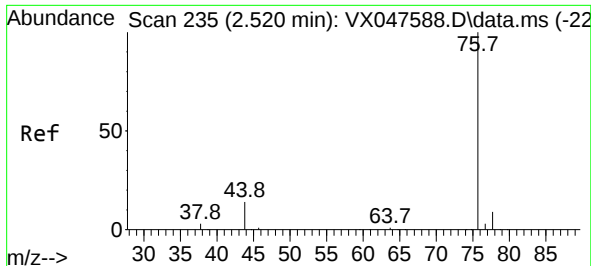
Tgt Ion: 56 Resp: 124
Ion Ratio Lower Upper
56 100
55 62.9 57.2 85.8



#16
Acetone
Concen: 8.825 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX048000.D
Acq: 03 Oct 2025 17:18

Tgt Ion: 43 Resp: 6962
Ion Ratio Lower Upper
43 100
58 33.1 23.4 35.0

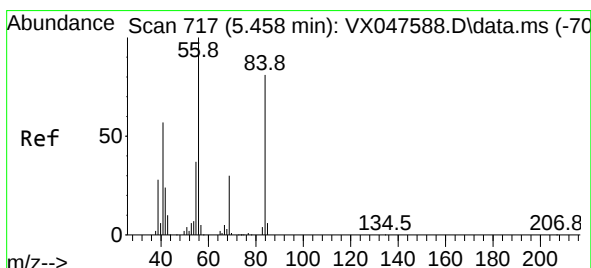
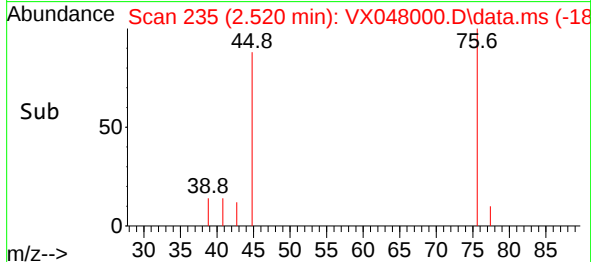
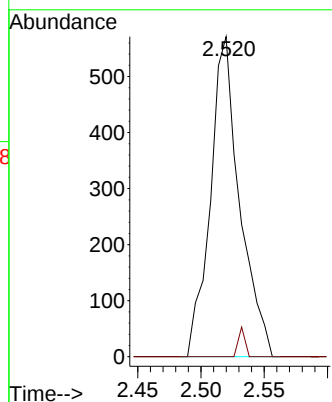
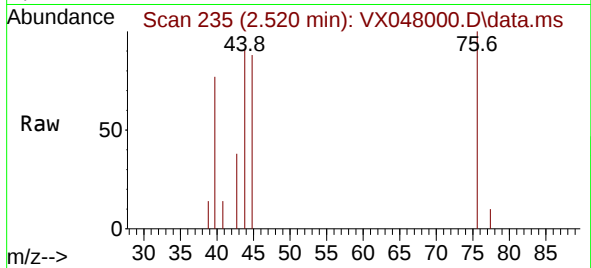




#17
Carbon Disulfide
Concen: 0.248 ug/l
RT: 2.520 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX048000.D
Acq: 03 Oct 2025 17:18

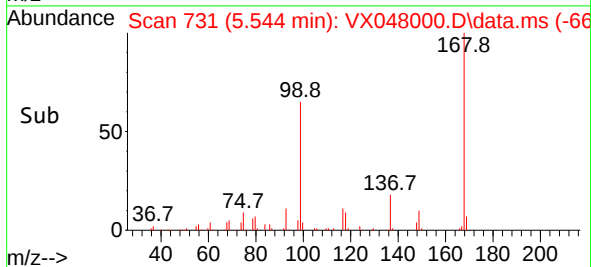
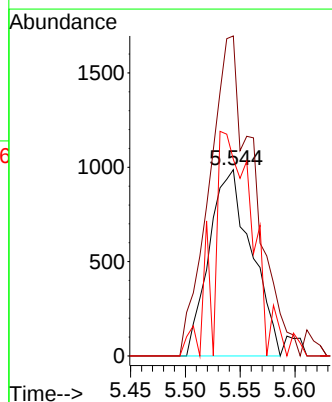
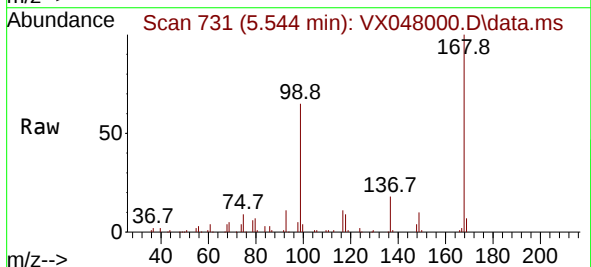
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-620-622

Tgt Ion: 76 Resp: 921
Ion Ratio Lower Upper
76 100
78 0.0 6.8 10.2#



#31
Cyclohexane
Concen: 1.104 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.085 min
Lab File: VX048000.D
Acq: 03 Oct 2025 17:18

Tgt Ion: 56 Resp: 2648
Ion Ratio Lower Upper
56 100
69 171.8 23.8 35.8#
84 105.6 64.6 97.0#





#33

1,2-Dichloroethane-d4

Concen: 51.363 ug/l

RT: 5.946 min Scan# 796

Delta R.T. 0.006 min

Lab File: VX048000.D

Acq: 03 Oct 2025 17:18

Instrument :

MSVOA_X

ClientSampleId :

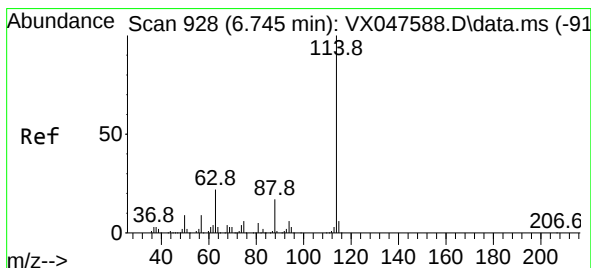
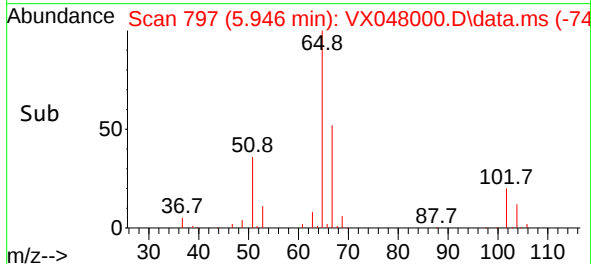
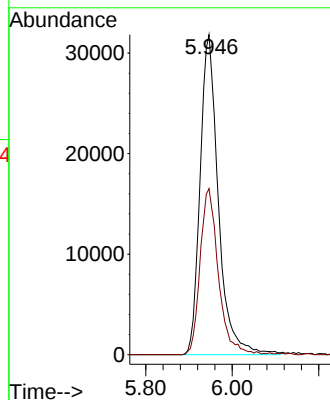
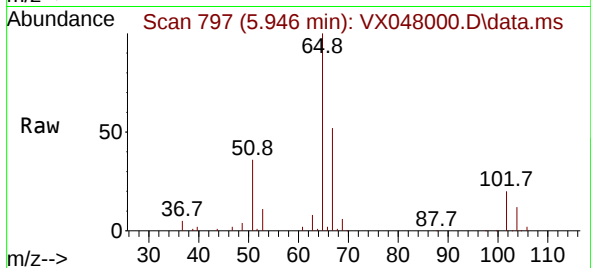
BP-VPB-184-GW-620-622

Tgt Ion: 65 Resp: 93197

Ion Ratio Lower Upper

65 100

67 51.9 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: VX048000.D

Acq: 03 Oct 2025 17:18

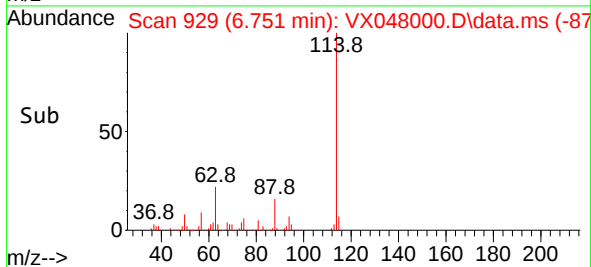
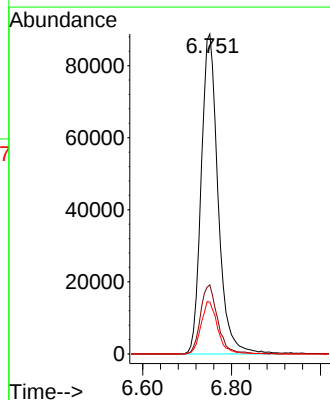
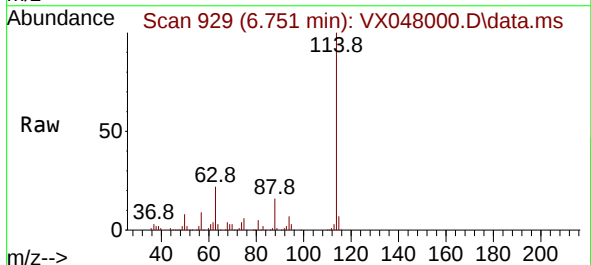
Tgt Ion: 114 Resp: 234307

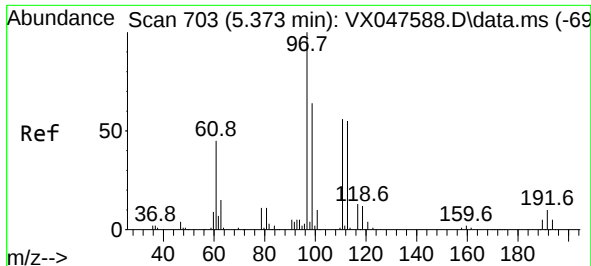
Ion Ratio Lower Upper

114 100

63 21.6 0.0 44.0

88 16.3 0.0 34.2

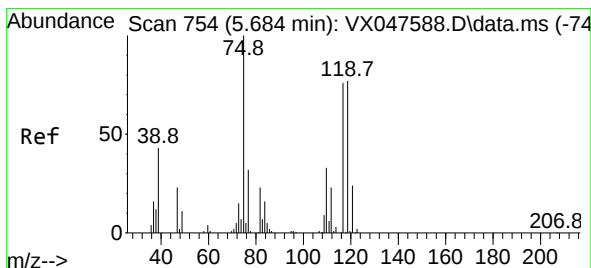
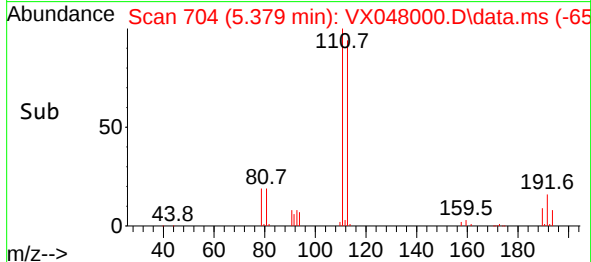
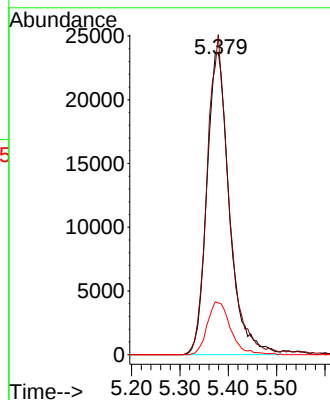
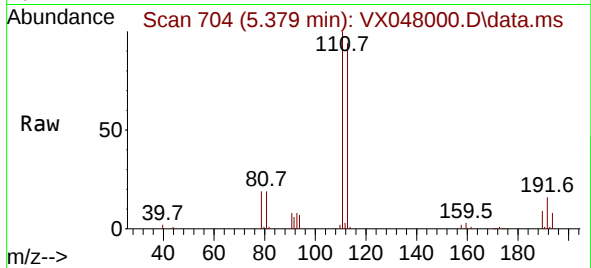




#35
Dibromofluoromethane
Concen: 49.002 ug/l
RT: 5.379 min Scan# 703
Delta R.T. 0.006 min
Lab File: VX048000.D
Acq: 03 Oct 2025 17:18

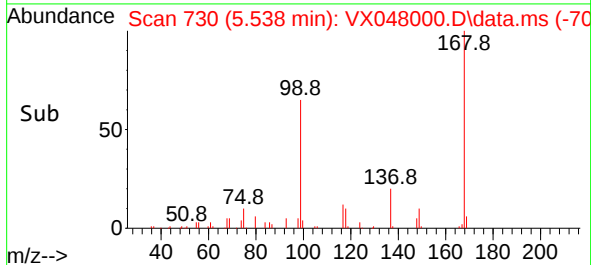
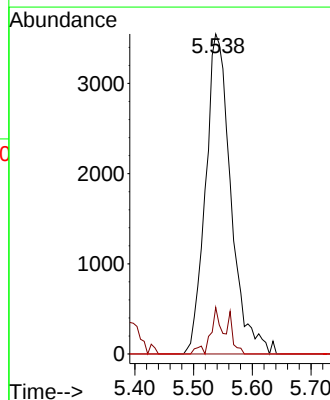
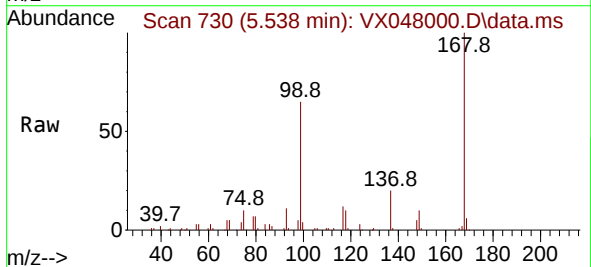
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-620-622

Tgt Ion:113 Resp: 77001
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: 4.637 ug/l
RT: 5.538 min Scan# 730
Delta R.T. -0.146 min
Lab File: VX048000.D
Acq: 03 Oct 2025 17:18

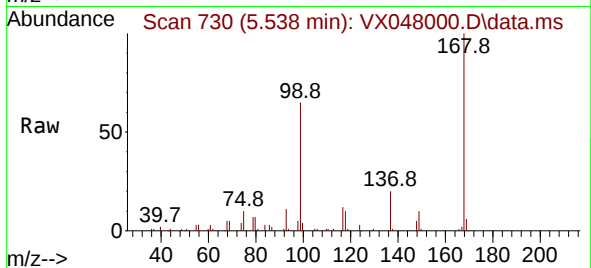
Tgt Ion: 75 Resp: 10647
Ion Ratio Lower Upper
75 100
110 6.7 16.7 50.1#
77 0.0 24.3 36.5#



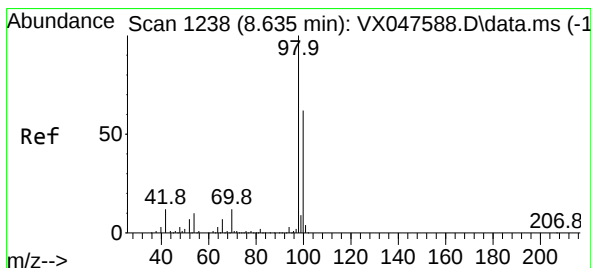
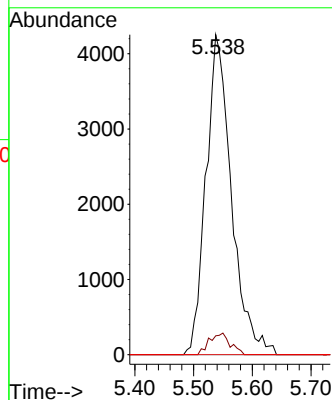
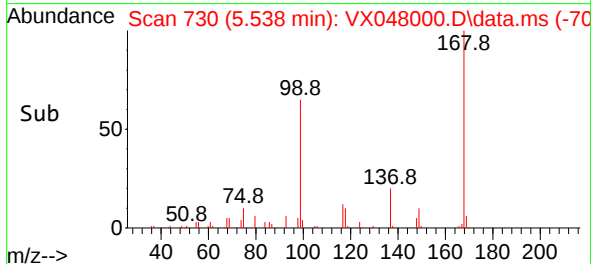


#38
Carbon Tetrachloride
Concen: 5.134 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX048000.D
Acq: 03 Oct 2025 17:18

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-620-622

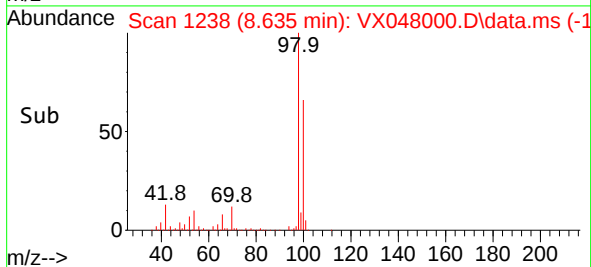
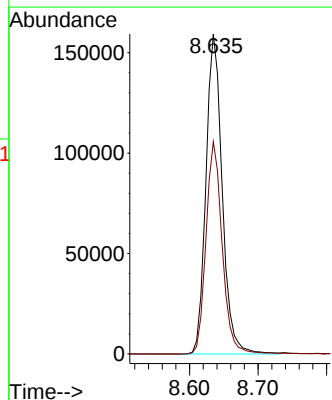
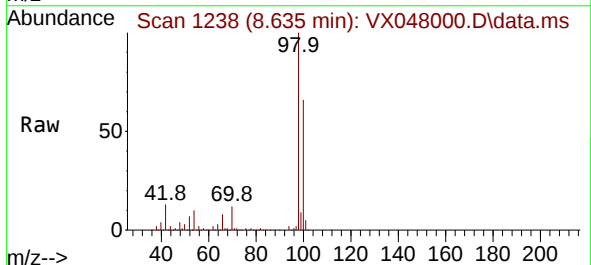


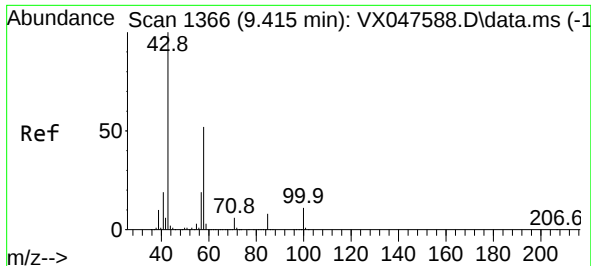
Tgt Ion:117 Resp: 12808
Ion Ratio Lower Upper
117 100
119 5.9 73.4 110.2#
121 0.0 23.8 35.6#



#50
Toluene-d8
Concen: 48.403 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX048000.D
Acq: 03 Oct 2025 17:18

Tgt Ion: 98 Resp: 263181
Ion Ratio Lower Upper
98 100
100 66.3 53.0 79.4

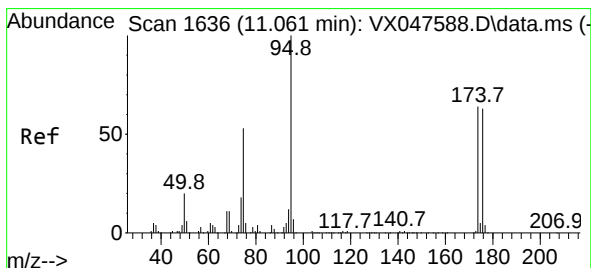
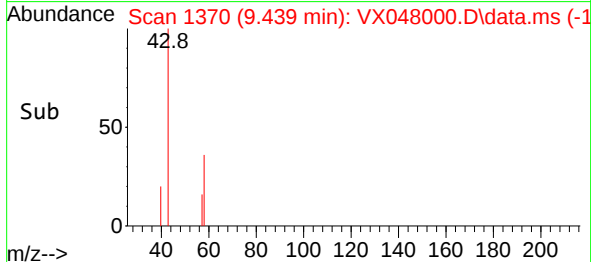
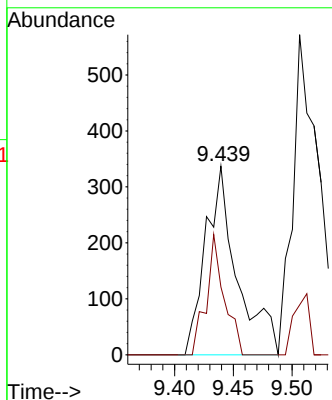
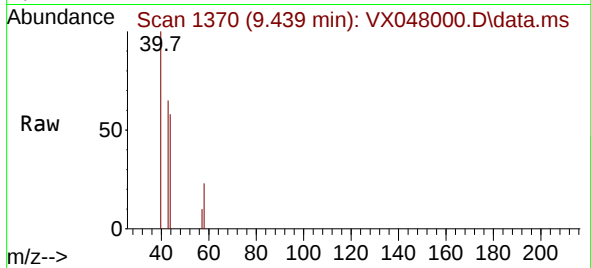




#59
2-Hexanone
Concen: 0.391 ug/l
RT: 9.439 min Scan# 11
Delta R.T. 0.024 min
Lab File: VX048000.D
Acq: 03 Oct 2025 17:18

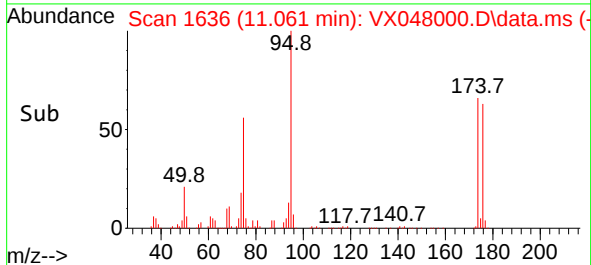
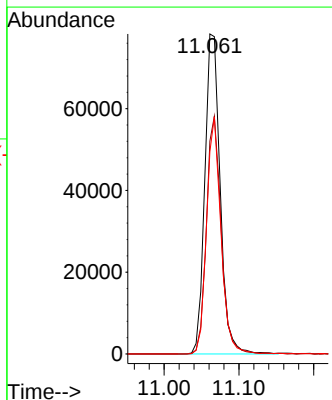
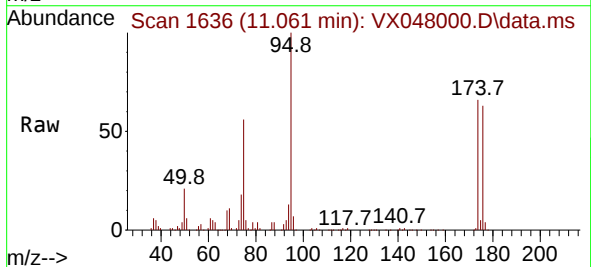
Instrument :
MSVOA_X
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BP-VPB-184-GW-620-622

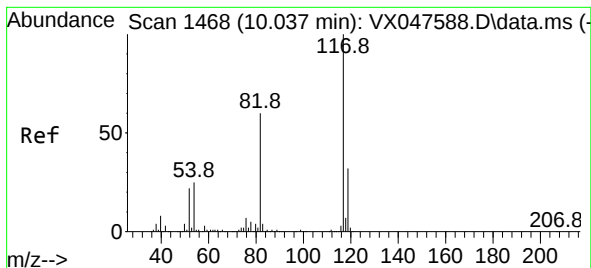
Tgt Ion: 43 Resp: 628
Ion Ratio Lower Upper
43 100
58 36.3 26.1 78.2



#62
4-Bromofluorobenzene
Concen: 54.203 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048000.D
Acq: 03 Oct 2025 17:18

Tgt Ion: 95 Resp: 111851
Ion Ratio Lower Upper
95 100
174 71.3 0.0 141.6
176 69.3 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: VX048000.D

Acq: 03 Oct 2025 17:18

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-184-GW-620-622

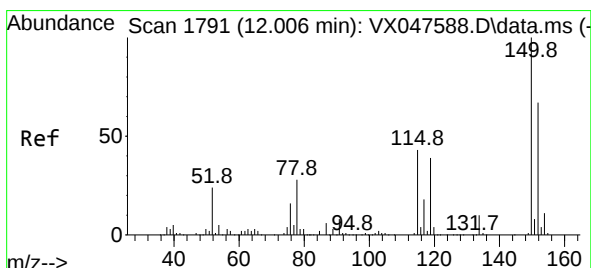
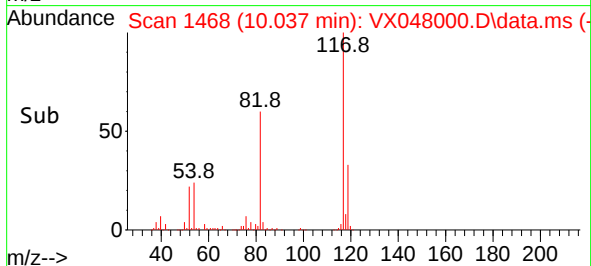
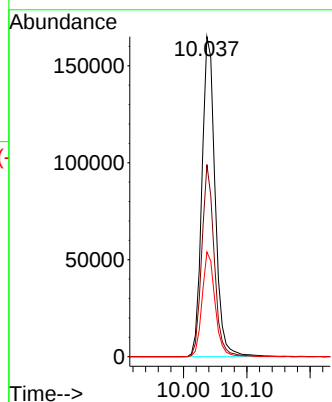
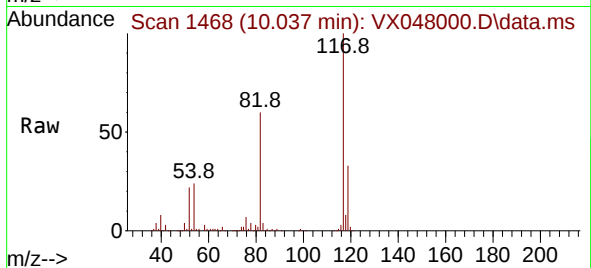
Tgt Ion:117 Resp: 240205

Ion Ratio Lower Upper

117 100

82 60.0 47.8 71.6

119 32.7 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: VX048000.D

Acq: 03 Oct 2025 17:18

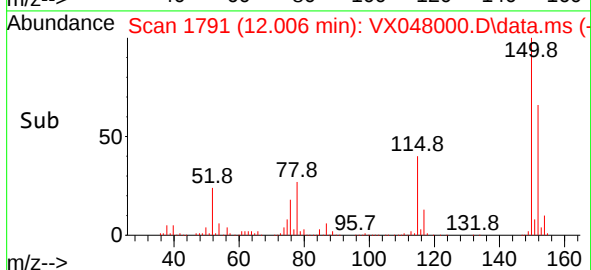
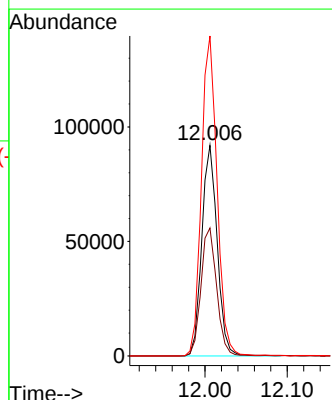
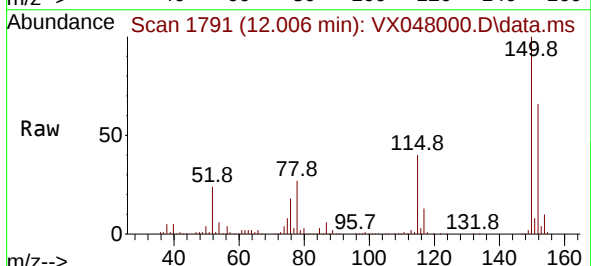
Tgt Ion:152 Resp: 119987

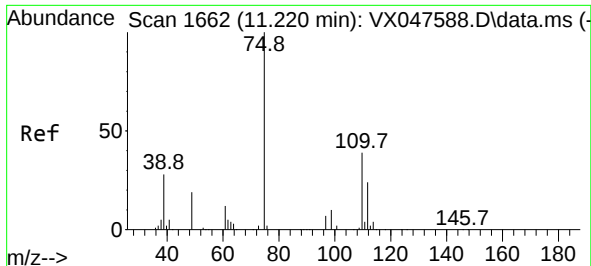
Ion Ratio Lower Upper

152 100

115 62.0 44.9 134.5

150 154.2 0.0 352.0

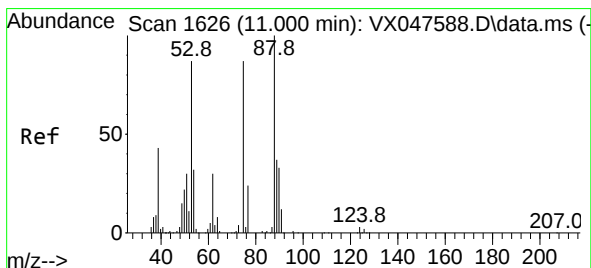
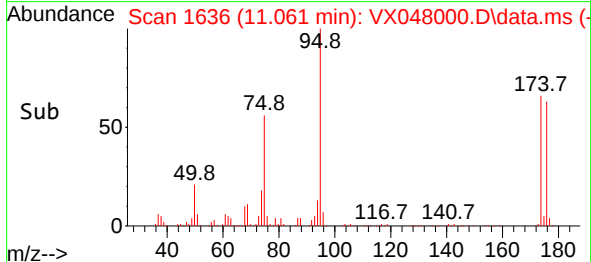
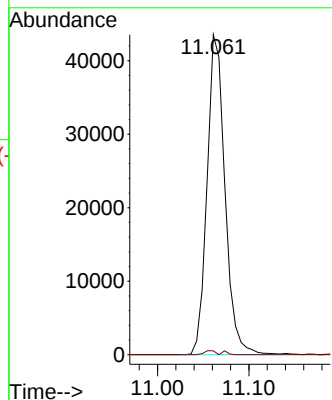
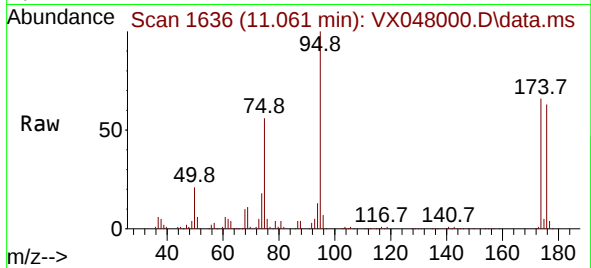




#76
1,2,3-Trichloropropane
Concen: 24.338 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.159 min
Lab File: VX048000.D
Acq: 03 Oct 2025 17:18

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-620-622

Tgt Ion: 75 Resp: 59125
Ion Ratio Lower Upper
75 100
77 0.7 18.8 56.4#



#81
trans-1,4-Dichloro-2-butene
Concen: 62.064 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. 0.061 min
Lab File: VX048000.D
Acq: 03 Oct 2025 17:18

Tgt Ion: 75 Resp: 59125
Ion Ratio Lower Upper
75 100
53 0.0 83.4 125.2#
89 0.0 36.3 54.5#

