

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100725\
 Data File : VX048049.D
 Acq On : 07 Oct 2025 13:45
 Operator : JC/MD
 Sample : Q3298-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-184-GW-740-742

Quant Time: Oct 08 01:28:11 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)

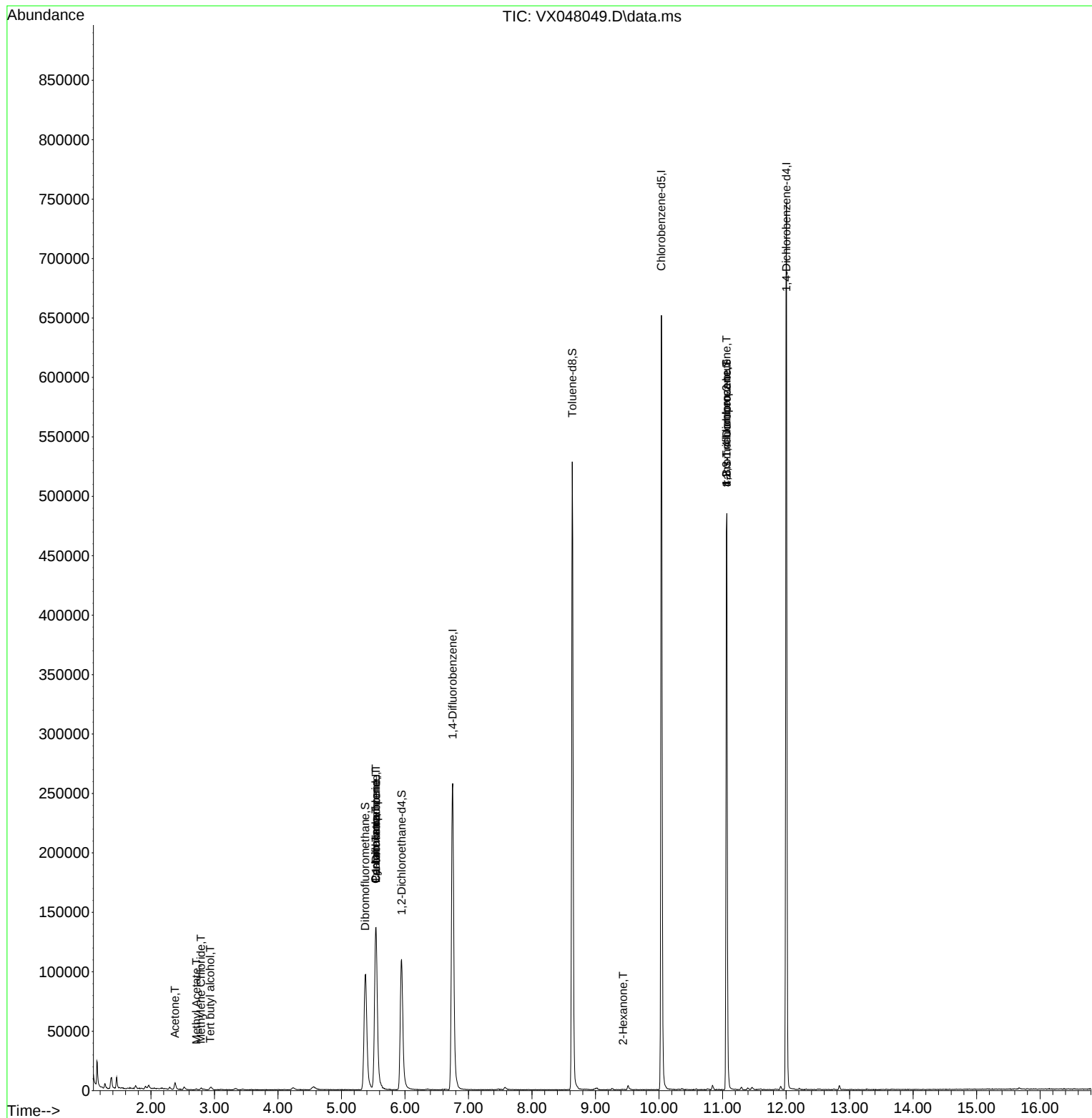
Internal Standards						
1) Pentafluorobenzene	5.544	168	138944	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	284728	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	296067	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	152416	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	120735	54.591	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 109.180%			
35) Dibromofluoromethane	5.373	113	95436	49.978	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.960%			
50) Toluene-d8	8.635	98	320961	48.576	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 97.160%			
62) 4-Bromofluorobenzene	11.061	95	140575	56.059	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 112.120%			
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.934	59	1479	6.004	ug/l #	72
16) Acetone	2.380	43	7496	7.795	ug/l	100
18) Methyl Acetate	2.715	43	778	0.364	ug/l #	54
20) Methylene Chloride	2.788	84	634	0.311	ug/l #	76
31) Cyclohexane	5.538	56	3074	1.052	ug/l #	1
36) 1,1-Dichloropropene	5.544	75	11562	4.144	ug/l #	51
38) Carbon Tetrachloride	5.544	117	15068	4.970	ug/l #	19
59) 2-Hexanone	9.433	43	427	0.219	ug/l	64
76) 1,2,3-Trichloropropane	11.061	75	73809	23.918	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.061	75	73809	60.994	ug/l #	8

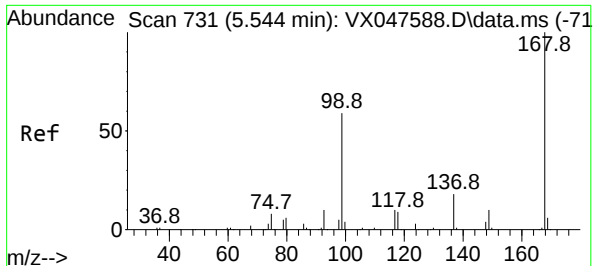
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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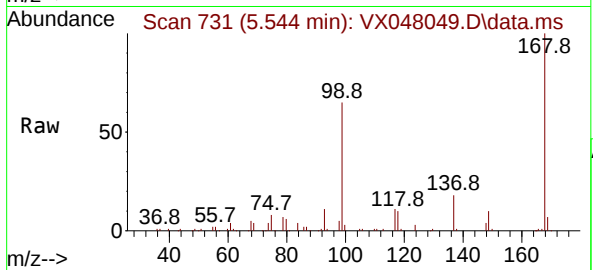
Quant Time: Oct 08 01:28:11 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
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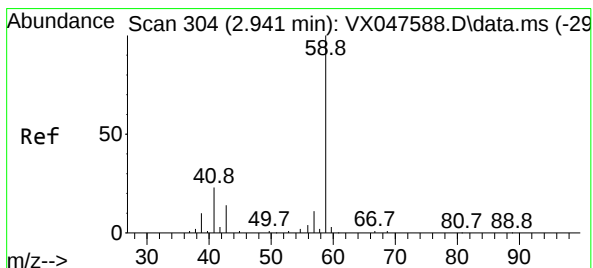
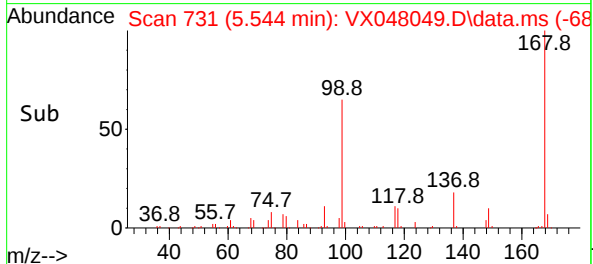
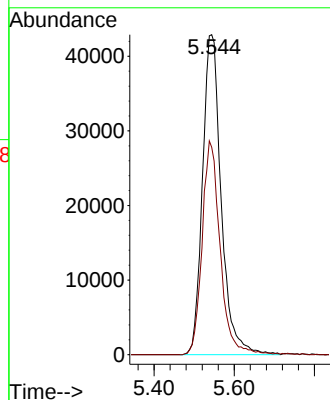


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX048049.D
Acq: 07 Oct 2025 13:45

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-740-742

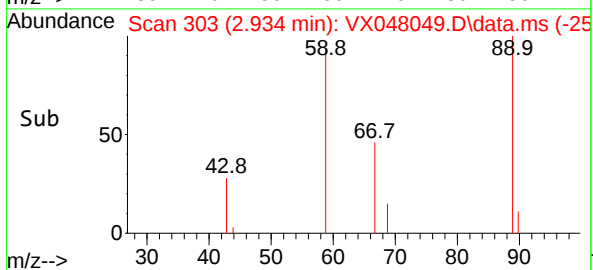
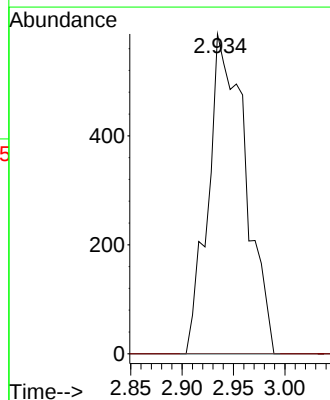
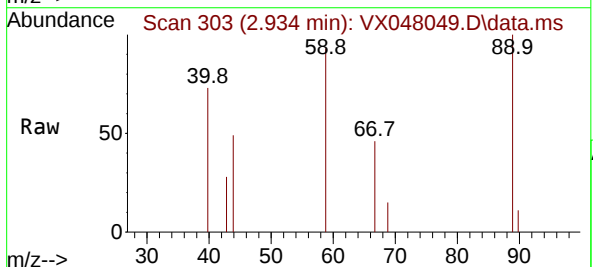


Tgt Ion:168 Resp: 138944
Ion Ratio Lower Upper
168 100
99 64.8 48.8 73.2



#11
Tert butyl alcohol
Concen: 6.004 ug/l
RT: 2.934 min Scan# 303
Delta R.T. -0.006 min
Lab File: VX048049.D
Acq: 07 Oct 2025 13:45

Tgt Ion: 59 Resp: 1479
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

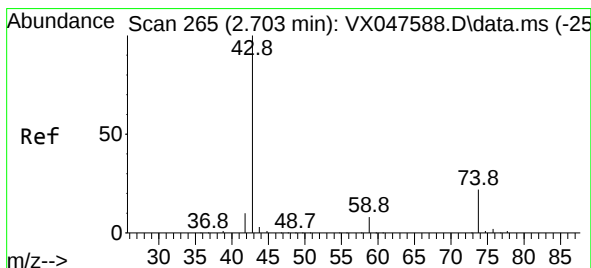
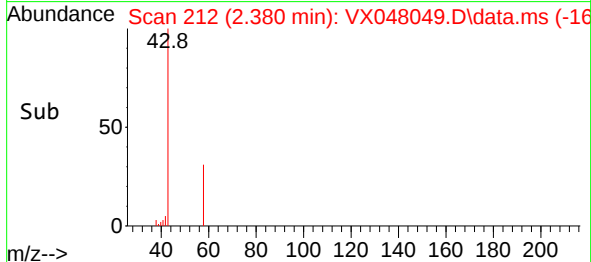
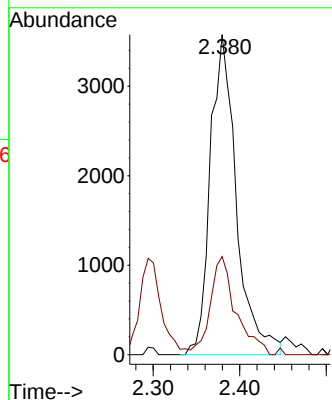
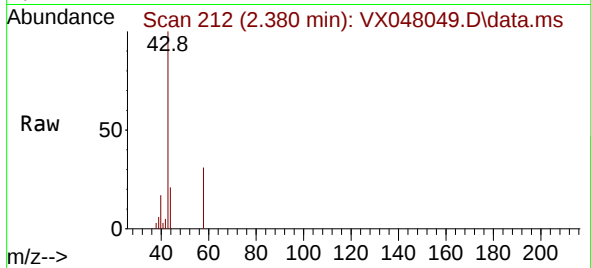




#16
Acetone
Concen: 7.795 ug/l
RT: 2.380 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX048049.D
Acq: 07 Oct 2025 13:45

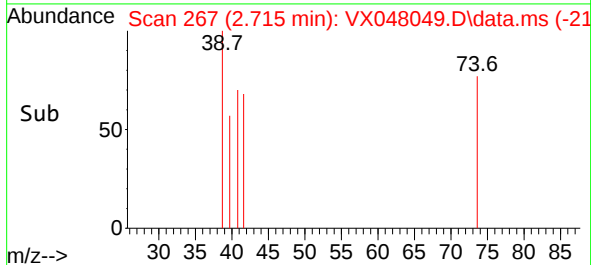
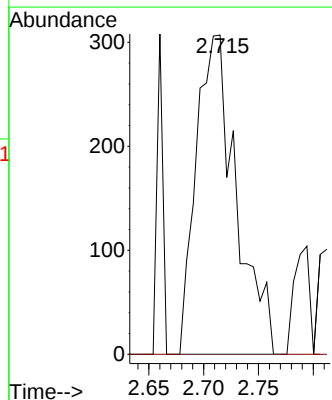
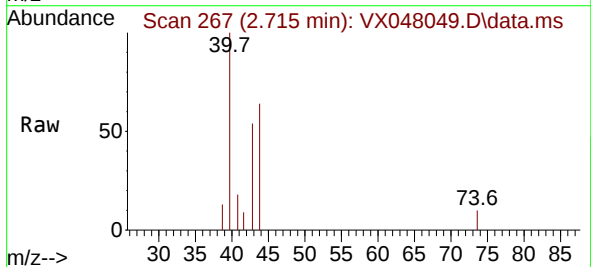
Instrument :
MSVOA_X
ClientSampleId :
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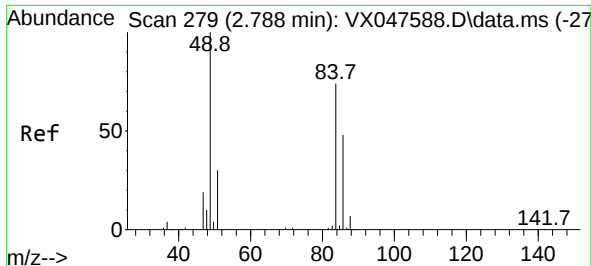
Tgt Ion: 43 Resp: 7496
Ion Ratio Lower Upper
43 100
58 29.0 23.4 35.0



#18
Methyl Acetate
Concen: 0.364 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.012 min
Lab File: VX048049.D
Acq: 07 Oct 2025 13:45

Tgt Ion: 43 Resp: 778
Ion Ratio Lower Upper
43 100
74 0.0 17.4 26.2#

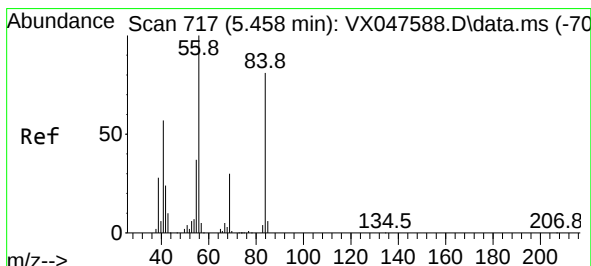
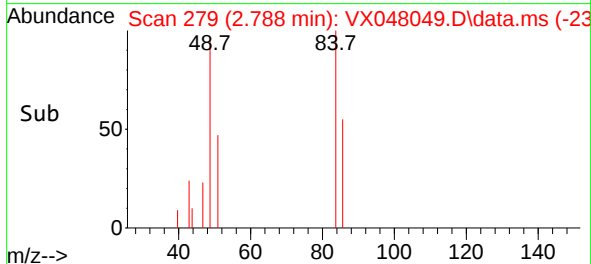
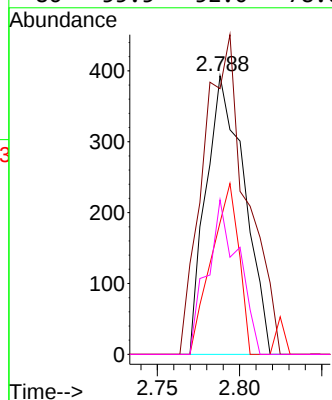
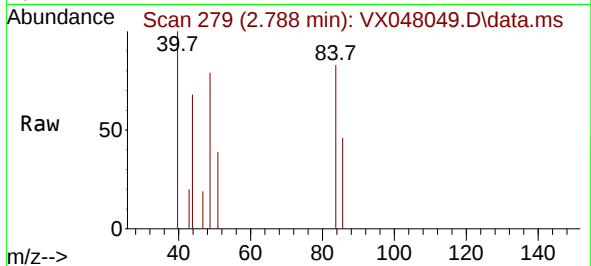




#20
Methylene Chloride
Concen: 0.311 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX048049.D
Acq: 07 Oct 2025 13:45

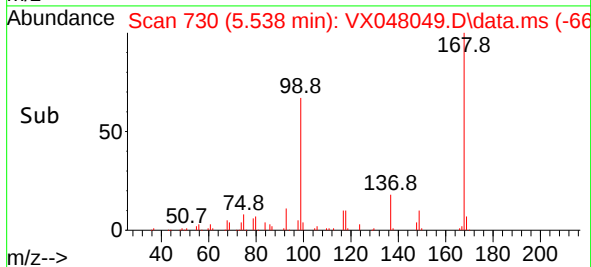
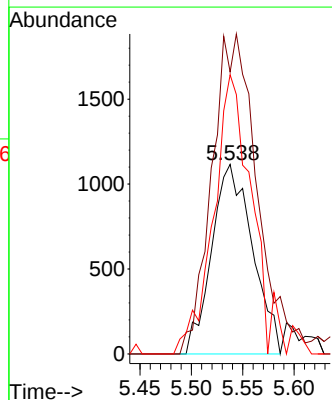
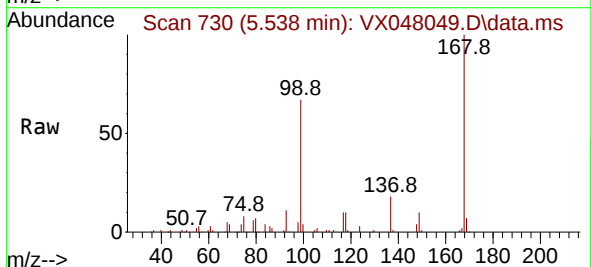
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-740-742

Tgt Ion:	84	Resp:	634
Ion	Ratio	Lower	Upper
84	100		
49	95.4	108.6	162.8#
51	47.3	32.6	48.8
86	55.5	52.0	78.0



#31
Cyclohexane
Concen: 1.052 ug/l
RT: 5.538 min Scan# 730
Delta R.T. 0.079 min
Lab File: VX048049.D
Acq: 07 Oct 2025 13:45

Tgt Ion:	56	Resp:	3074
Ion	Ratio	Lower	Upper
56	100		
69	148.7	23.8	35.8#
84	139.5	64.6	97.0#





#33

1,2-Dichloroethane-d4

Concen: 54.591 ug/l

RT: 5.946 min Scan# 796

Delta R.T. 0.006 min

Lab File: VX048049.D

Acq: 07 Oct 2025 13:45

Instrument :

MSVOA_X

ClientSampleId :

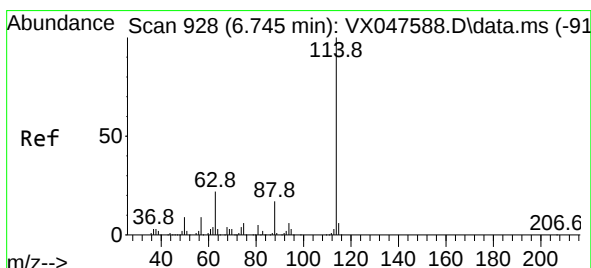
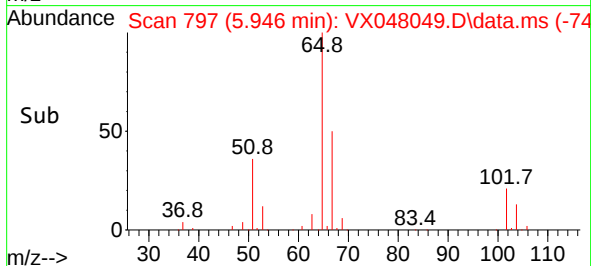
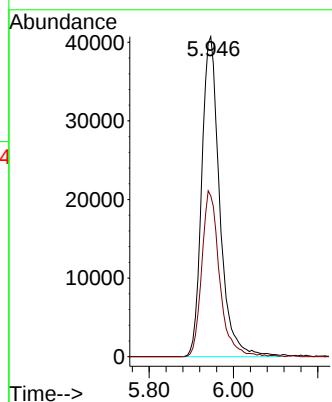
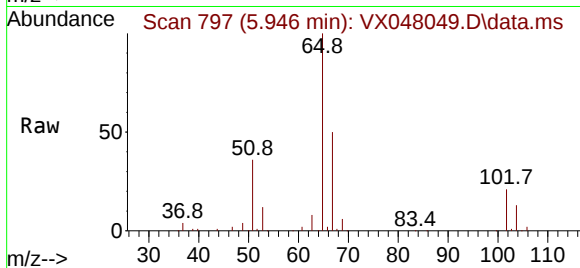
BP-VPB-184-GW-740-742

Tgt Ion: 65 Resp: 120735

Ion Ratio Lower Upper

65 100

67 51.4 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: VX048049.D

Acq: 07 Oct 2025 13:45

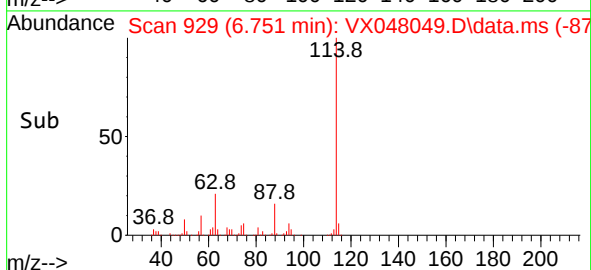
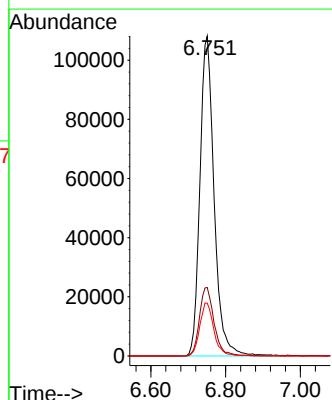
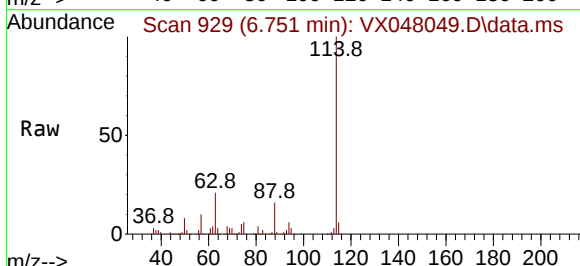
Tgt Ion: 114 Resp: 284728

Ion Ratio Lower Upper

114 100

63 21.4 0.0 44.0

88 16.5 0.0 34.2





#35

Dibromofluoromethane

Concen: 49.978 ug/l

RT: 5.373 min Scan# 703

Delta R.T. -0.000 min

Lab File: VX048049.D

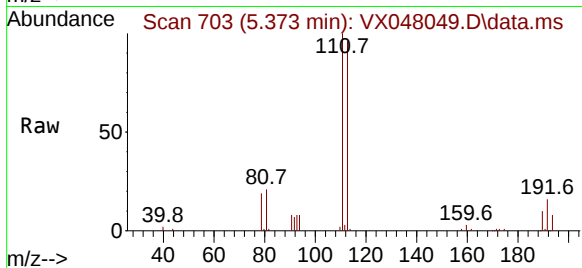
Acq: 07 Oct 2025 13:45

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-184-GW-740-742



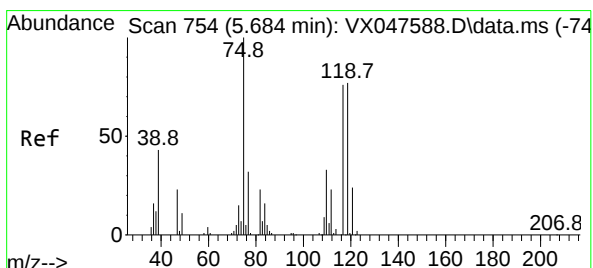
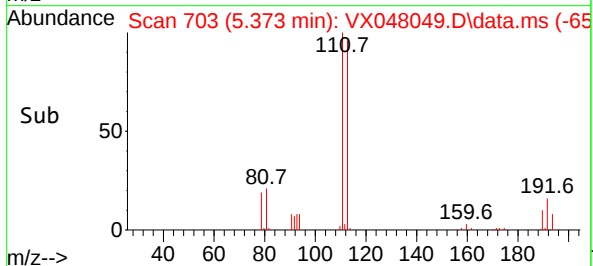
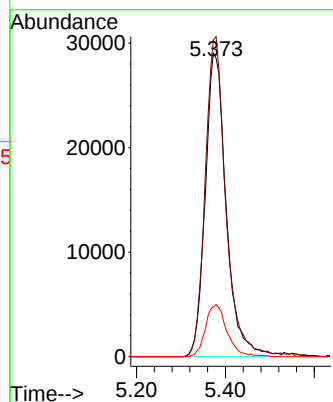
Tgt Ion:113 Resp: 95436

Ion Ratio Lower Upper

113 100

111 103.5 80.9 121.3

192 17.6 14.2 21.4



#36

1,1-Dichloropropene

Concen: 4.144 ug/l

RT: 5.544 min Scan# 731

Delta R.T. -0.140 min

Lab File: VX048049.D

Acq: 07 Oct 2025 13:45

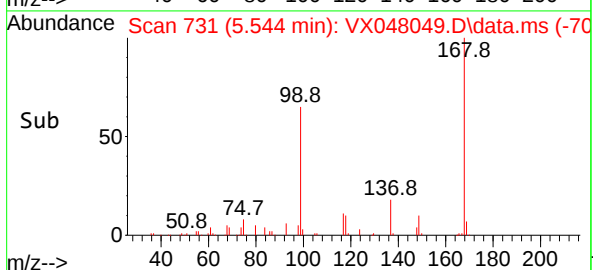
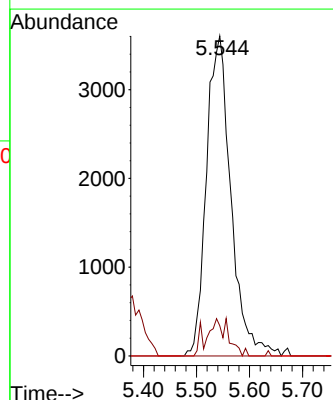
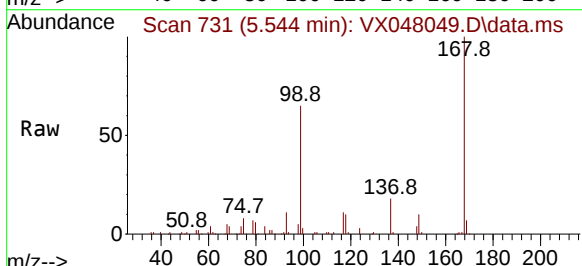
Tgt Ion: 75 Resp: 11562

Ion Ratio Lower Upper

75 100

110 8.7 16.7 50.1#

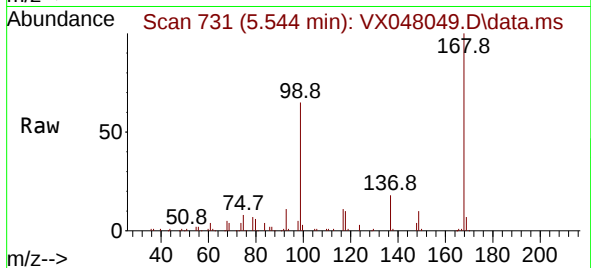
77 0.0 24.3 36.5#



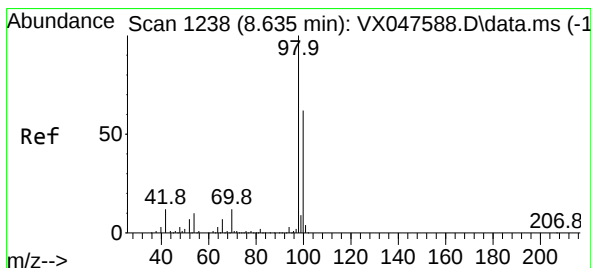
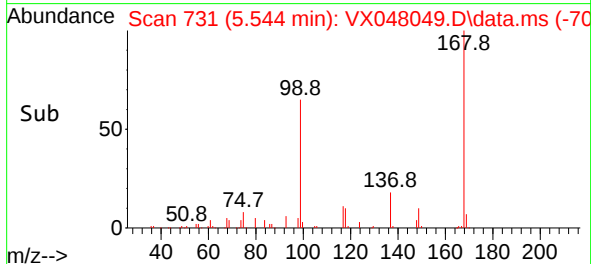
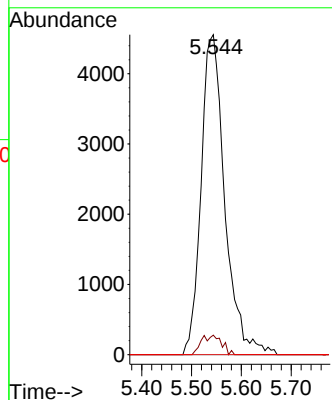


#38
Carbon Tetrachloride
Concen: 4.970 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX048049.D
Acq: 07 Oct 2025 13:45

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-740-742

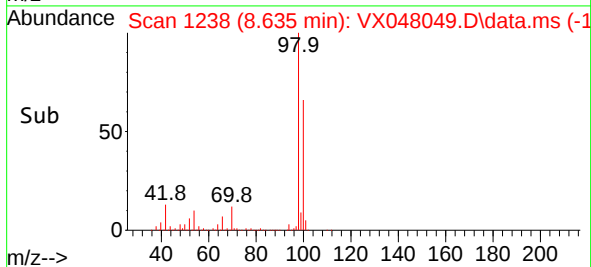
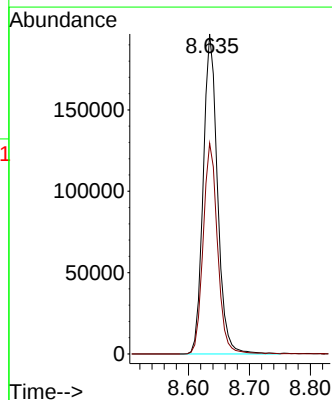
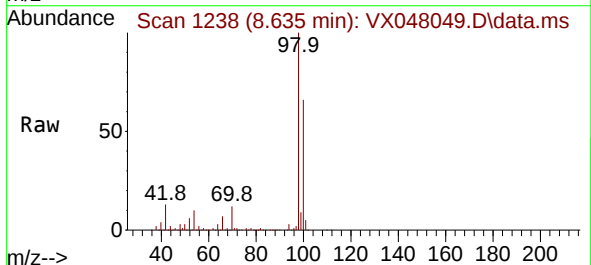


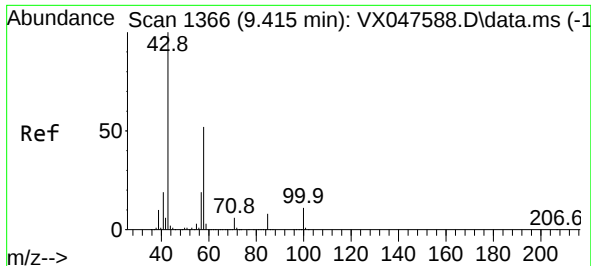
Tgt Ion:117 Resp: 15068
Ion Ratio Lower Upper
117 100
119 6.1 73.4 110.2#
121 0.0 23.8 35.6#



#50
Toluene-d8
Concen: 48.576 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX048049.D
Acq: 07 Oct 2025 13:45

Tgt Ion: 98 Resp: 320961
Ion Ratio Lower Upper
98 100
100 66.0 53.0 79.4

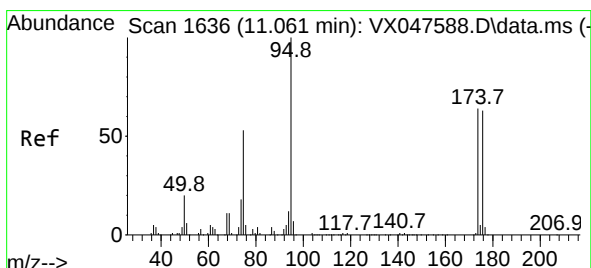
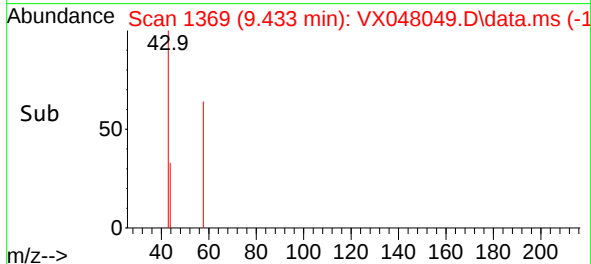
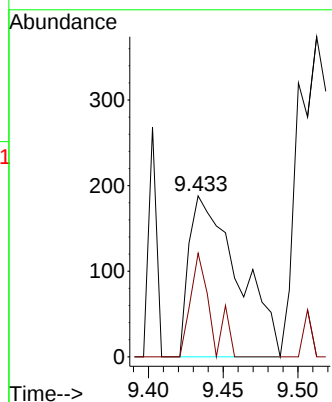
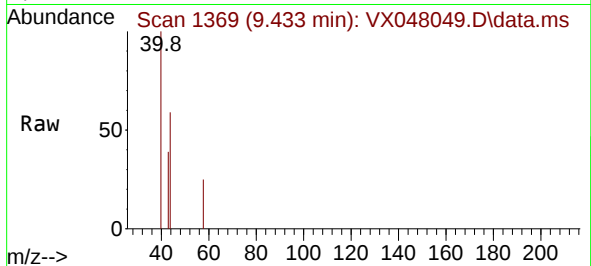




#59
2-Hexanone
Concen: 0.219 ug/l
RT: 9.433 min Scan# 11
Delta R.T. 0.018 min
Lab File: VX048049.D
Acq: 07 Oct 2025 13:45

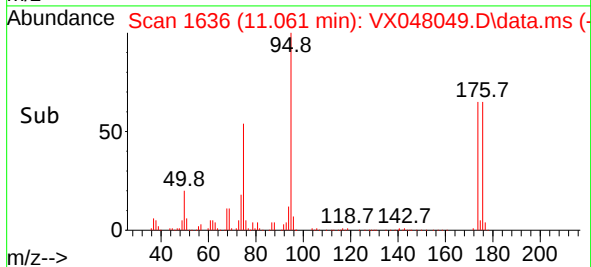
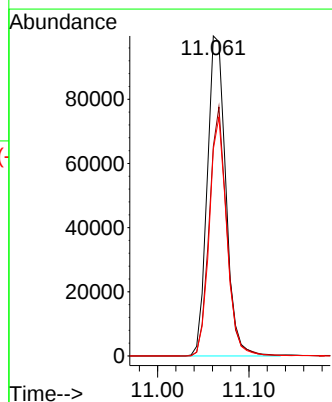
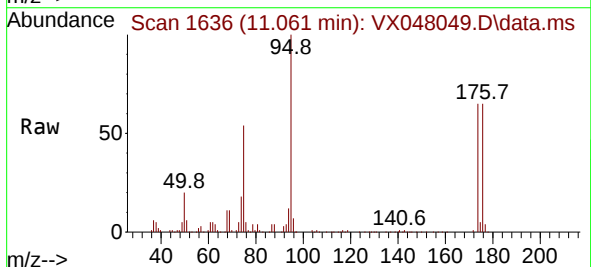
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-740-742

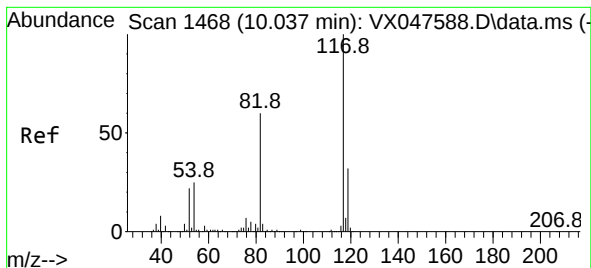
Tgt Ion: 43 Resp: 427
Ion Ratio Lower Upper
43 100
58 26.7 26.1 78.2



#62
4-Bromofluorobenzene
Concen: 56.059 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048049.D
Acq: 07 Oct 2025 13:45

Tgt Ion: 95 Resp: 140575
Ion Ratio Lower Upper
95 100
174 73.1 0.0 141.6
176 70.3 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: VX048049.D

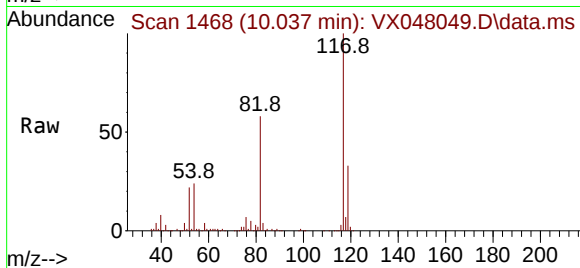
Acq: 07 Oct 2025 13:45

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-184-GW-740-742



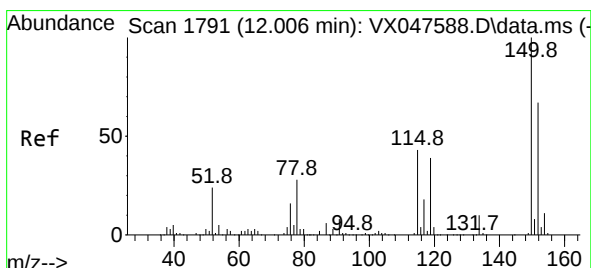
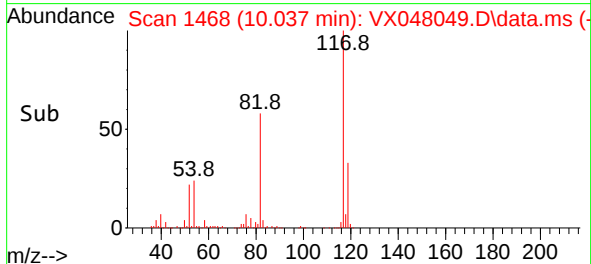
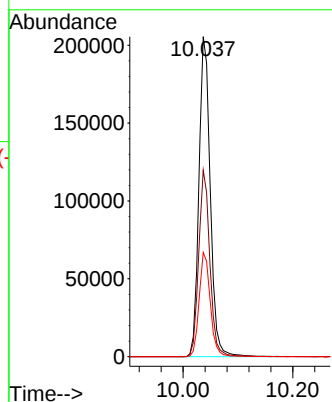
Tgt Ion:117 Resp: 296067

Ion Ratio Lower Upper

117 100

82 58.3 47.8 71.6

119 32.6 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: VX048049.D

Acq: 07 Oct 2025 13:45

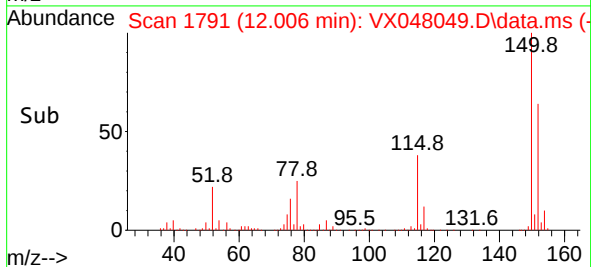
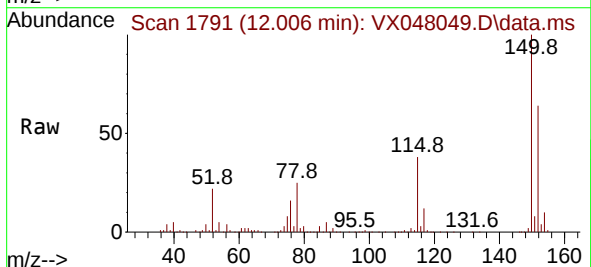
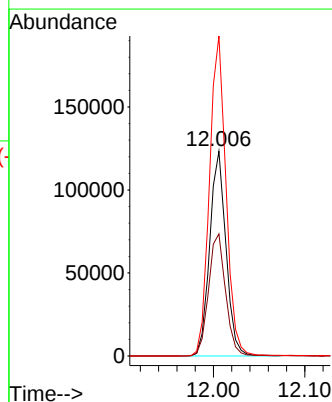
Tgt Ion:152 Resp: 152416

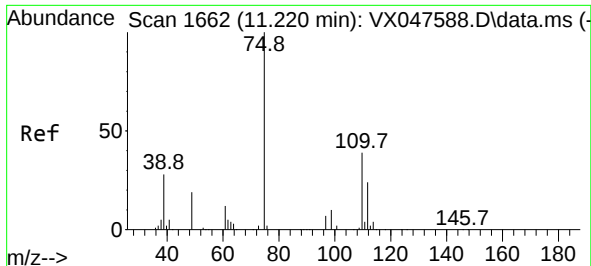
Ion Ratio Lower Upper

152 100

115 62.5 44.9 134.5

150 158.5 0.0 352.0

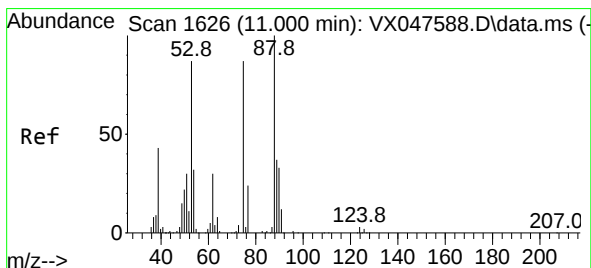
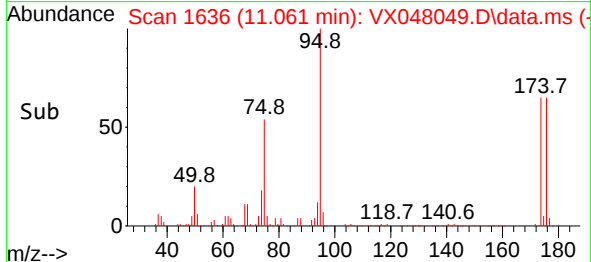
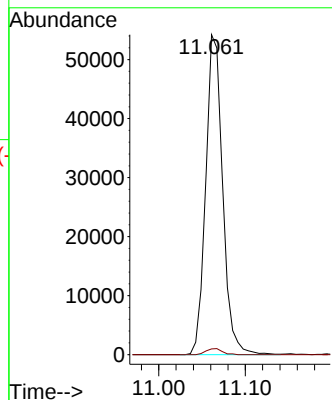
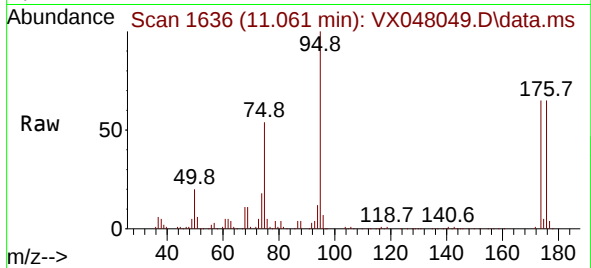




#76
1,2,3-Trichloropropane
Concen: 23.918 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.159 min
Lab File: VX048049.D
Acq: 07 Oct 2025 13:45

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-740-742

Tgt Ion: 75 Resp: 73809
Ion Ratio Lower Upper
75 100
77 1.8 18.8 56.4#



#81
trans-1,4-Dichloro-2-butene
Concen: 60.994 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. 0.061 min
Lab File: VX048049.D
Acq: 07 Oct 2025 13:45

Tgt Ion: 75 Resp: 73809
Ion Ratio Lower Upper
75 100
53 0.1 83.4 125.2#
89 0.0 36.3 54.5#

