

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022525\
 Data File : VX045041.D
 Acq On : 25 Feb 2025 16:03
 Operator : JC/MD
 Sample : Q1423-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-192-GW-925-927

Quant Time: Feb 26 03:18:02 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021025W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 11 03:41:08 2025
 Response via : Initial Calibration

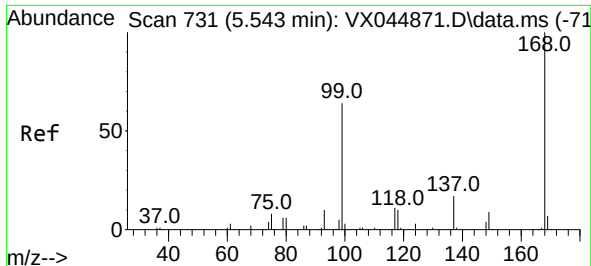
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.544	168	78013	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	157287	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	140409	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	56448	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	64372	56.369	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 112.740%			
35) Dibromofluoromethane	5.385	113	52884	51.714	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.420%			
50) Toluene-d8	8.647	98	193881	50.138	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.280%			
62) 4-Bromofluorobenzene	11.079	95	63747	48.899	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 97.800%			
Target Compounds						Qvalue
3) Chloromethane	1.307	50	342	0.257	ug/l #	42
5) Bromomethane	1.599	94	173	0.448	ug/l	96
6) Chloroethane	1.672	64	115	1.525	ug/l #	42
11) Tert butyl alcohol	2.940	59	285	1.345	ug/l #	73
16) Acetone	2.380	43	1000	2.178	ug/l	94
20) Methylene Chloride	2.782	84	247	0.220	ug/l #	73
31) Cyclohexane	5.550	56	2014	1.136	ug/l #	5
36) 1,1-Dichloropropene	5.544	75	6547	4.438	ug/l #	50
38) Carbon Tetrachloride	5.544	117	8783	6.075	ug/l #	14
51) 4-Methyl-2-Pentanone	8.647	43	887	0.551	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	33891	27.080	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	33891	69.659	ug/l #	11

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

Quant Time: Feb 26 03:18:02 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021025W.M
Quant Title : SW846 8260
QLast Update : Tue Feb 11 03:41:08 2025
Response via : Initial Calibration

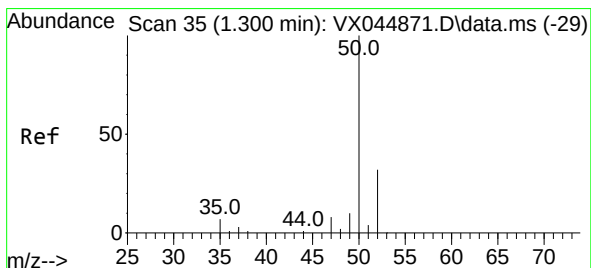
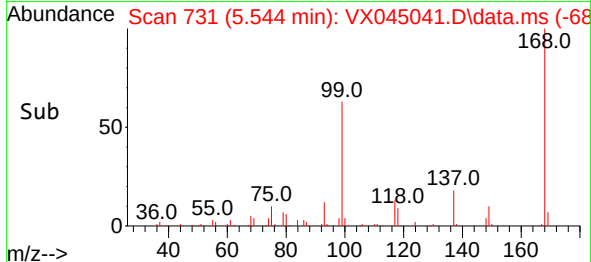
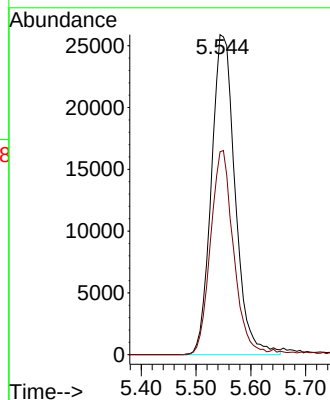
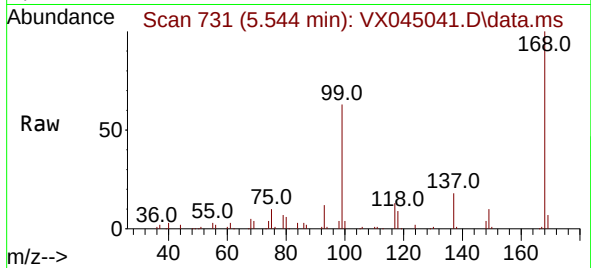




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX045041.D
Acq: 25 Feb 2025 16:03

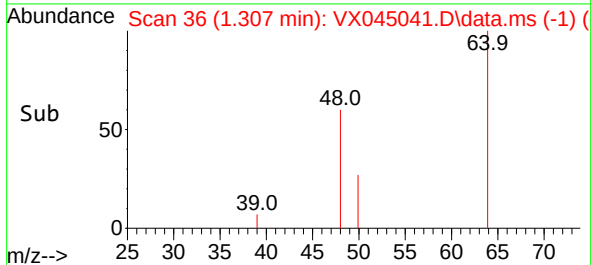
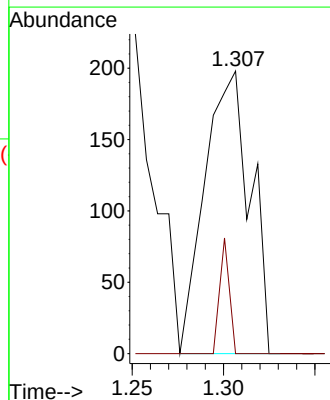
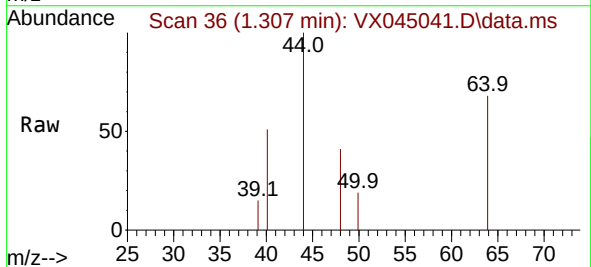
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-192-GW-925-927

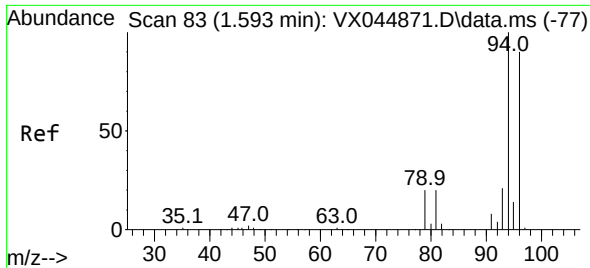
Tgt Ion:168 Resp: 78013
Ion Ratio Lower Upper
168 100
99 63.4 51.2 76.8



#3
Chloromethane
Concen: 0.257 ug/l
RT: 1.307 min Scan# 36
Delta R.T. 0.006 min
Lab File: VX045041.D
Acq: 25 Feb 2025 16:03

Tgt Ion: 50 Resp: 342
Ion Ratio Lower Upper
50 100
52 0.0 25.9 38.9#

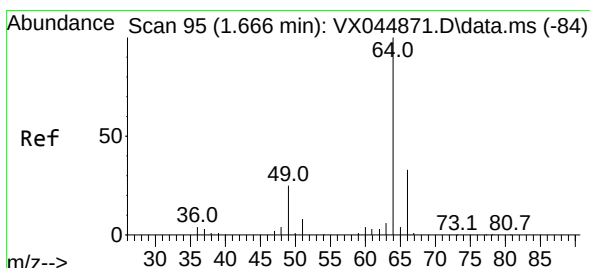
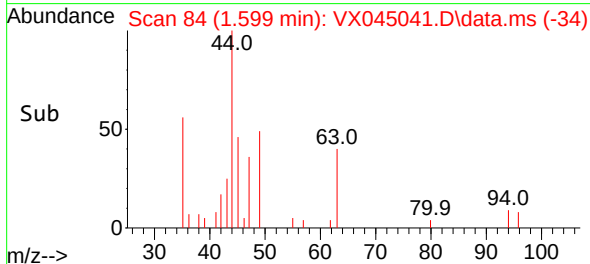
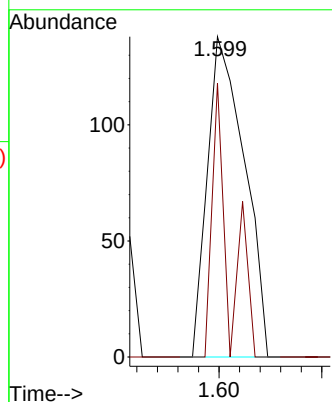
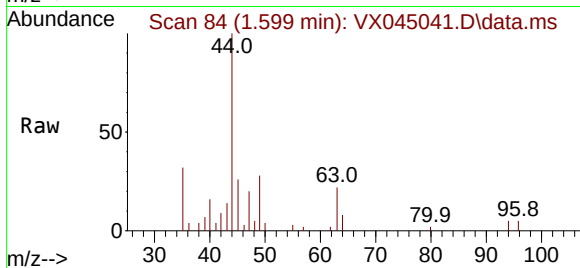




#5
Bromomethane
Concen: 0.448 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX045041.D
Acq: 25 Feb 2025 16:03

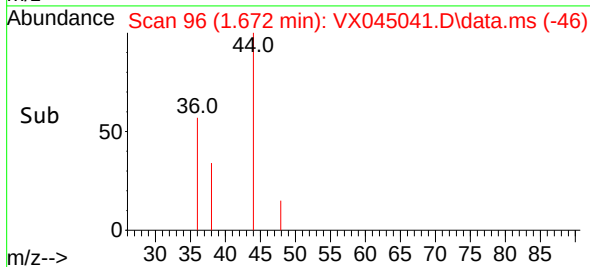
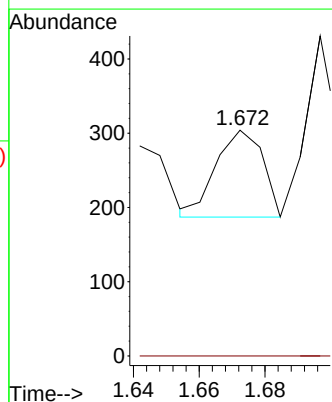
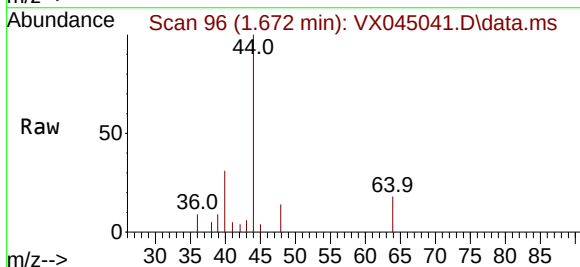
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-192-GW-925-927

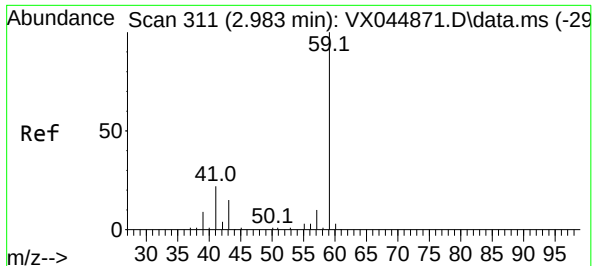
Tgt Ion: 94 Resp: 173
Ion Ratio Lower Upper
94 100
96 85.5 71.6 107.4



#6
Chloroethane
Concen: 1.525 ug/l
RT: 1.672 min Scan# 96
Delta R.T. 0.006 min
Lab File: VX045041.D
Acq: 25 Feb 2025 16:03

Tgt Ion: 64 Resp: 115
Ion Ratio Lower Upper
64 100
66 0.0 25.9 38.9#

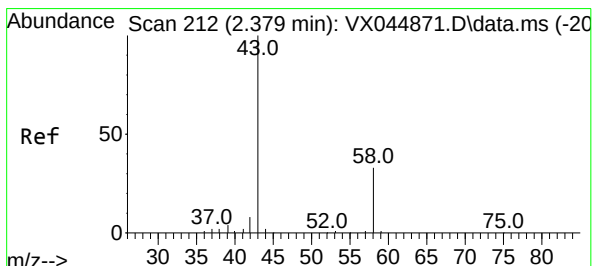
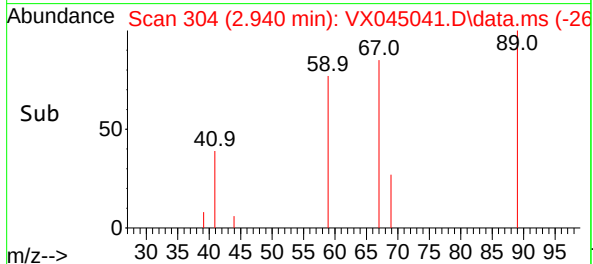
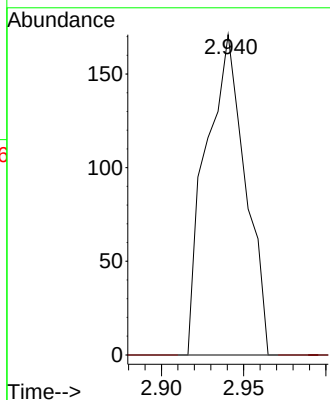
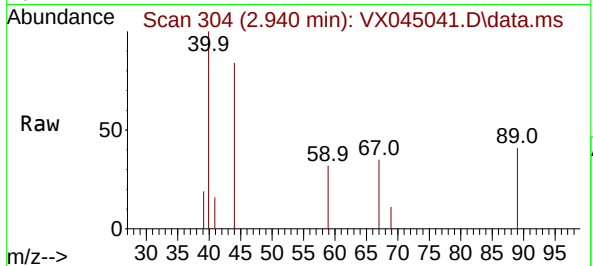




#11
Tert butyl alcohol
Concen: 1.345 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.042 min
Lab File: VX045041.D
Acq: 25 Feb 2025 16:03

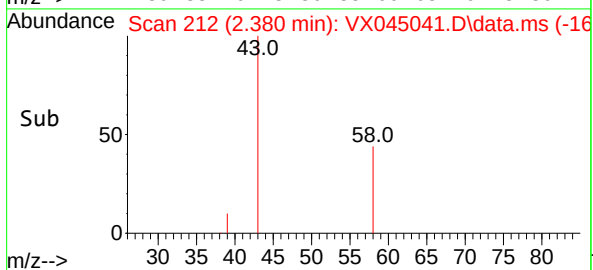
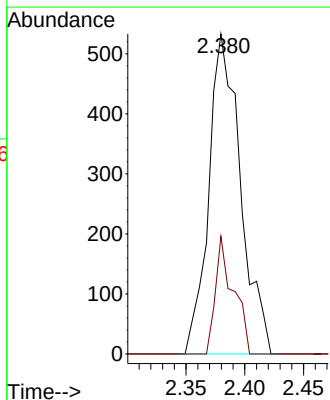
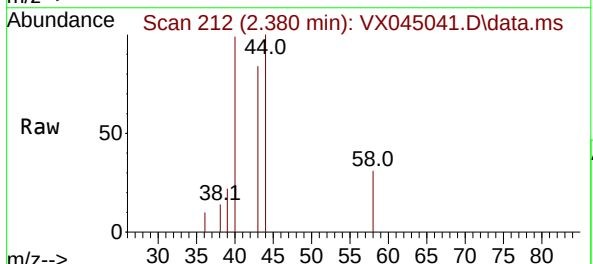
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-192-GW-925-927

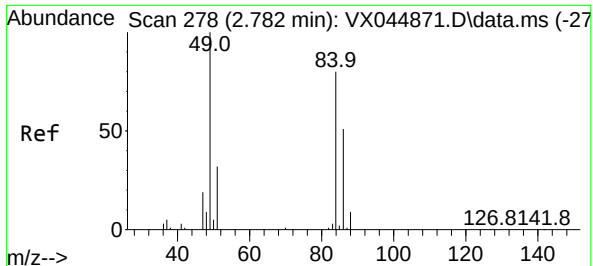
Tgt Ion: 59 Resp: 285
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#



#16
Acetone
Concen: 2.178 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX045041.D
Acq: 25 Feb 2025 16:03

Tgt Ion: 43 Resp: 1000
Ion Ratio Lower Upper
43 100
58 36.8 26.5 39.7

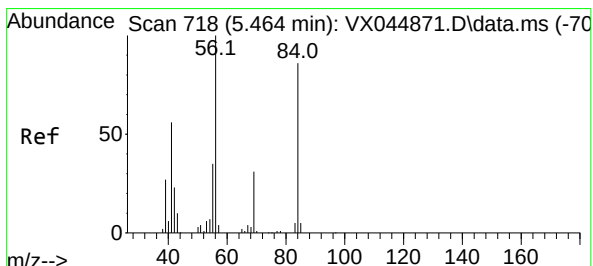
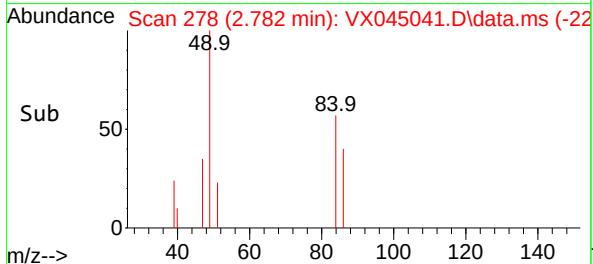
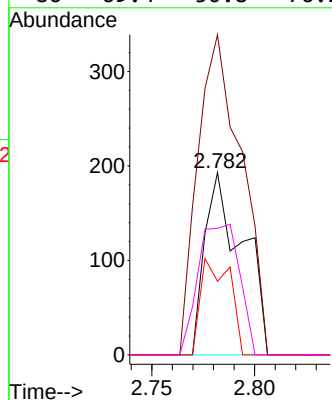
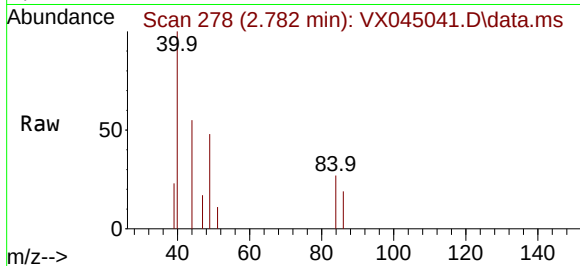




#20
Methylene Chloride
Concen: 0.220 ug/l
RT: 2.782 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX045041.D
Acq: 25 Feb 2025 16:03

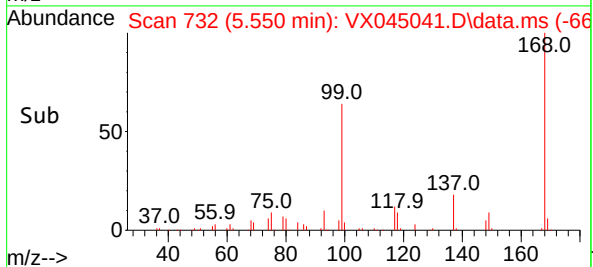
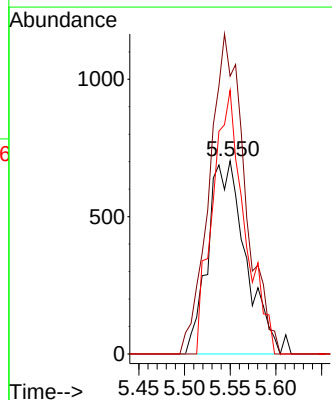
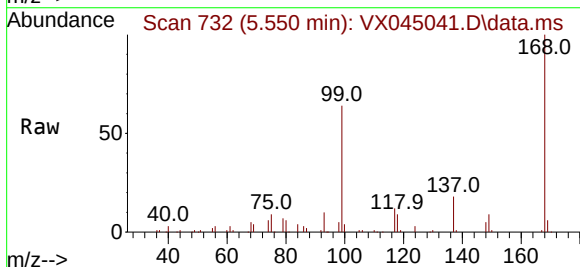
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-192-GW-925-927

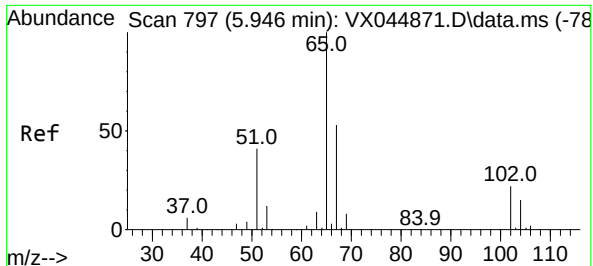
Tgt Ion:	84	Resp:	247
Ion	Ratio	Lower	Upper
84	100		
49	175.6	100.1	150.1#
51	40.4	31.7	47.5
86	69.4	50.8	76.2



#31
Cyclohexane
Concen: 1.136 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.086 min
Lab File: VX045041.D
Acq: 25 Feb 2025 16:03

Tgt Ion:	56	Resp:	2014
Ion	Ratio	Lower	Upper
56	100		
69	143.8	24.4	36.6#
84	136.6	69.0	103.6#

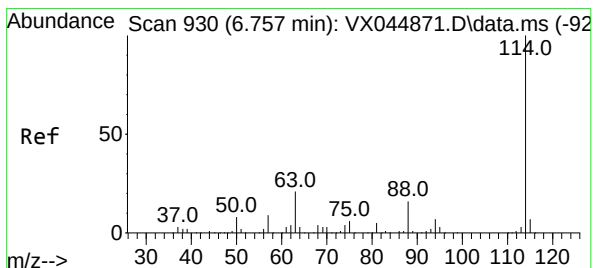
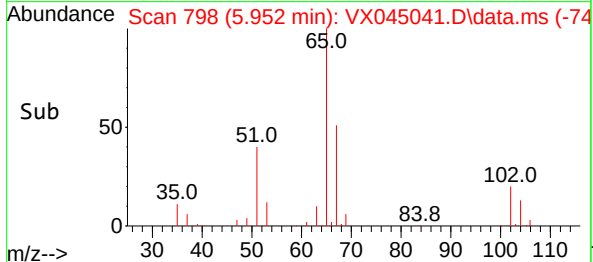
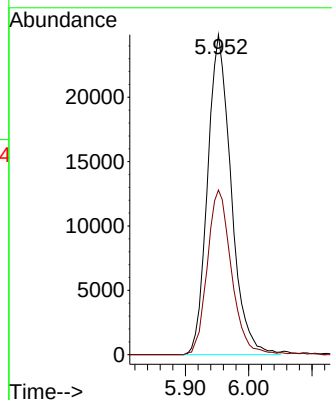
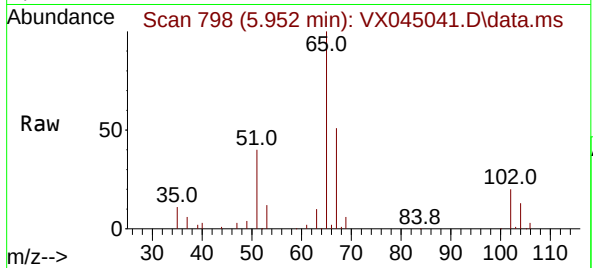




#33
 1,2-Dichloroethane-d4
 Concen: 56.369 ug/l
 RT: 5.952 min Scan# 797
 Delta R.T. 0.006 min
 Lab File: VX045041.D
 Acq: 25 Feb 2025 16:03

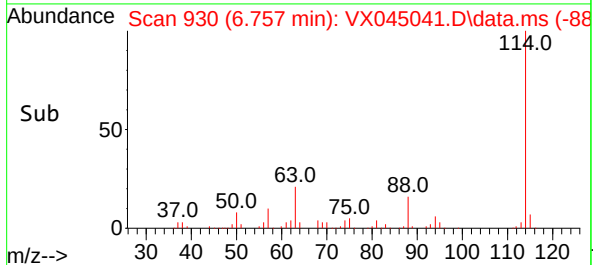
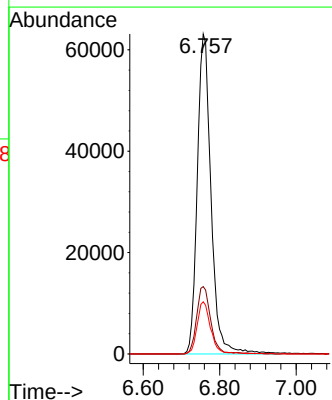
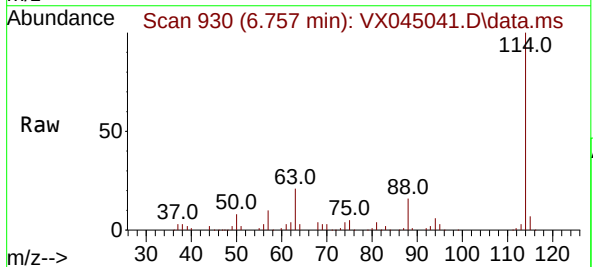
Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-192-GW-925-927

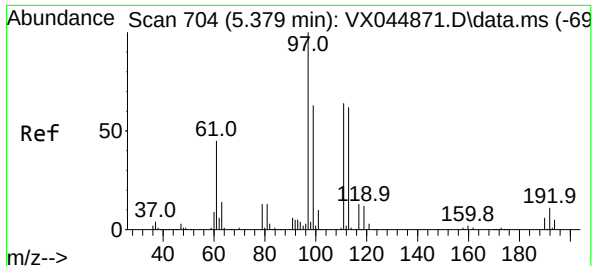
Tgt Ion: 65 Resp: 64372
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 108.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. 0.000 min
 Lab File: VX045041.D
 Acq: 25 Feb 2025 16:03

Tgt Ion: 114 Resp: 157287
 Ion Ratio Lower Upper
 114 100
 63 21.0 0.0 42.4
 88 16.3 0.0 31.4





#35

Dibromofluoromethane

Concen: 51.714 ug/l

RT: 5.385 min Scan# 704

Delta R.T. 0.006 min

Lab File: VX045041.D

Acq: 25 Feb 2025 16:03

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-192-GW-925-927

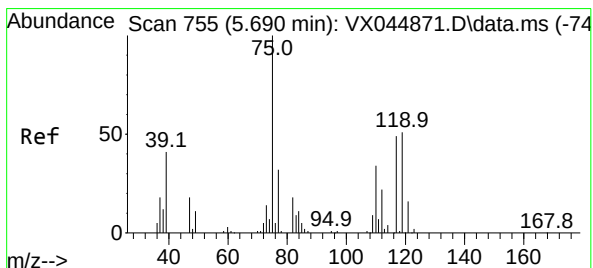
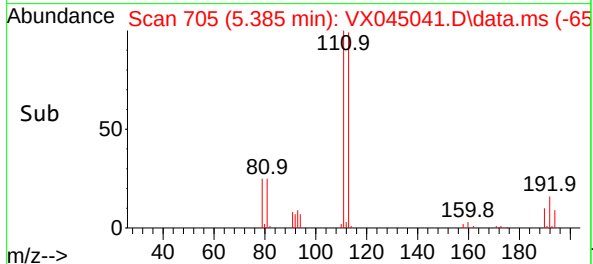
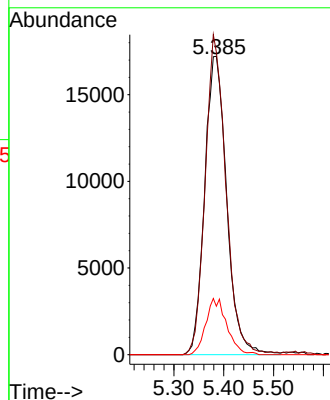
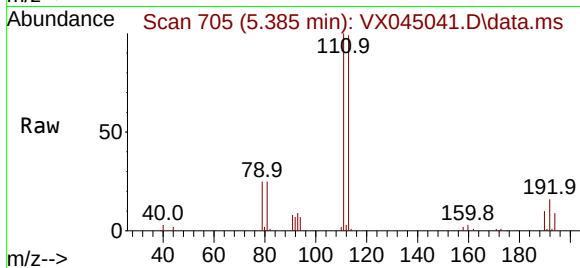
Tgt Ion:113 Resp: 52884

Ion Ratio Lower Upper

113 100

111 100.7 83.5 125.3

192 18.0 14.4 21.6



#36

1,1-Dichloropropene

Concen: 4.438 ug/l

RT: 5.544 min Scan# 731

Delta R.T. -0.146 min

Lab File: VX045041.D

Acq: 25 Feb 2025 16:03

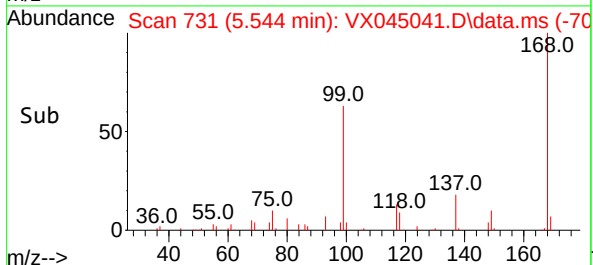
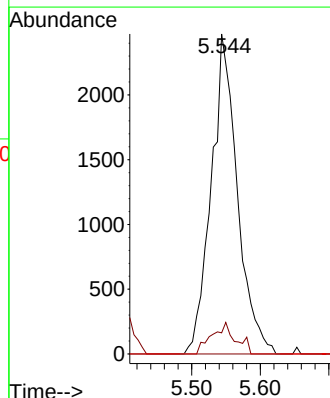
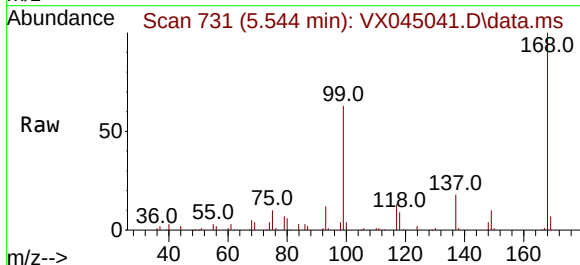
Tgt Ion: 75 Resp: 6547

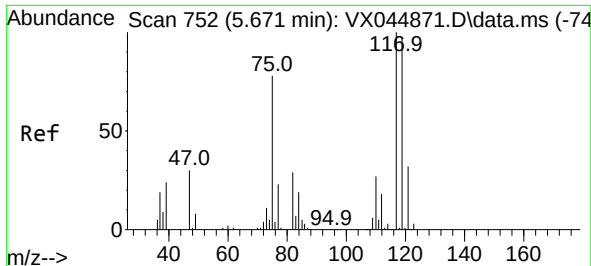
Ion Ratio Lower Upper

75 100

110 8.9 17.2 51.6#

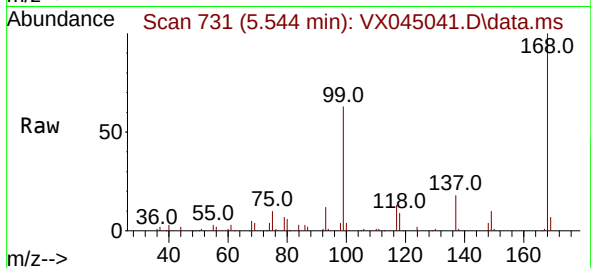
77 0.0 24.6 37.0#



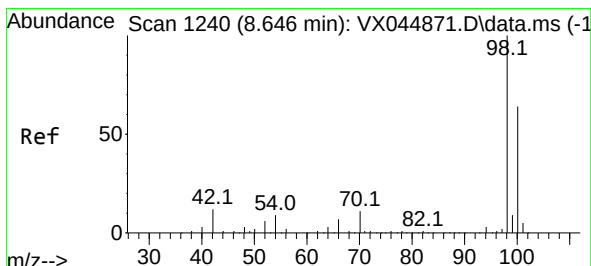
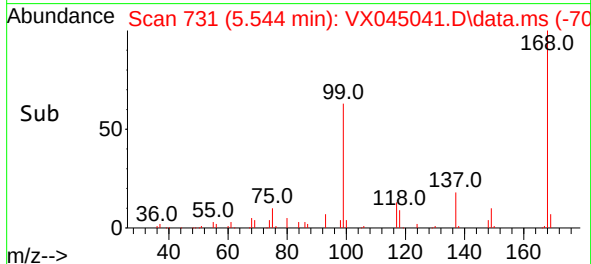
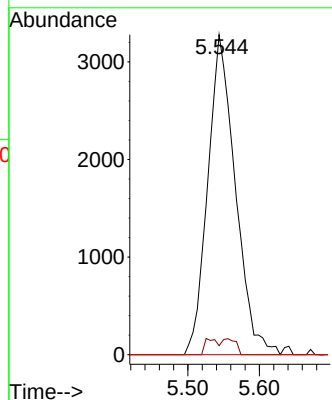


#38
Carbon Tetrachloride
Concen: 6.075 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX045041.D
Acq: 25 Feb 2025 16:03

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-192-GW-925-927

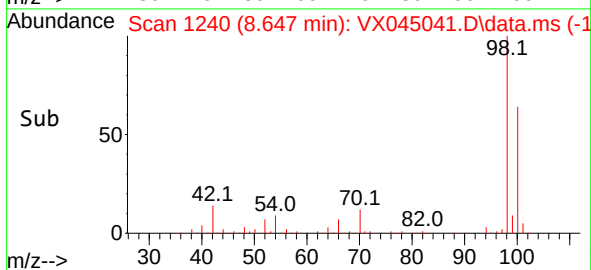
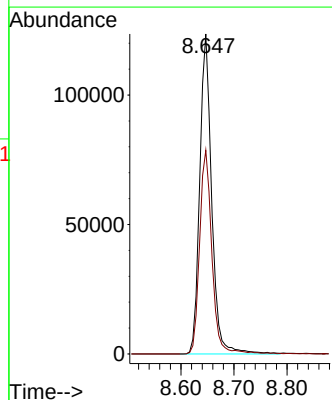
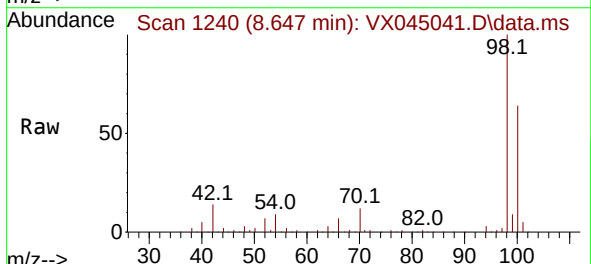


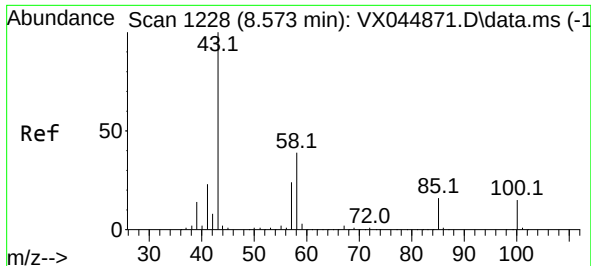
Tgt Ion:117 Resp: 8783
Ion Ratio Lower Upper
117 100
119 2.8 77.5 116.3#
121 0.0 25.6 38.4#



#50
Toluene-d8
Concen: 50.138 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX045041.D
Acq: 25 Feb 2025 16:03

Tgt Ion: 98 Resp: 193881
Ion Ratio Lower Upper
98 100
100 65.3 52.7 79.1

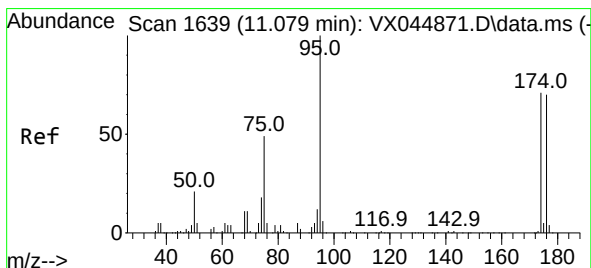
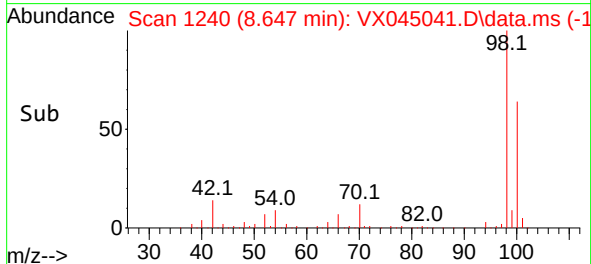
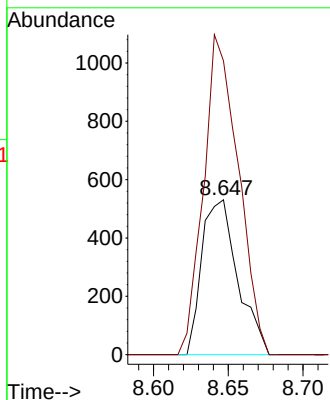
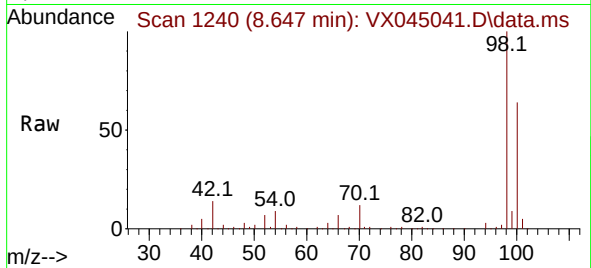




#51
4-Methyl-2-Pentanone
Concen: 0.551 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX045041.D
Acq: 25 Feb 2025 16:03

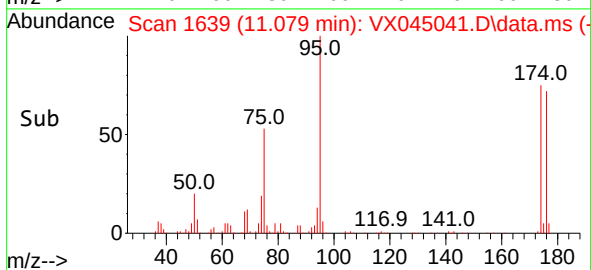
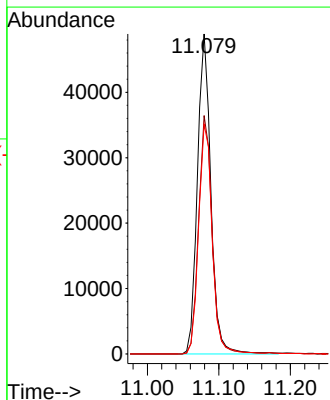
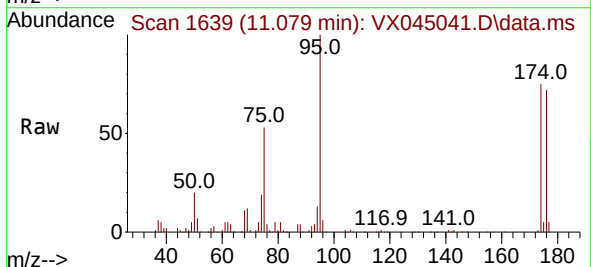
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-192-GW-925-927

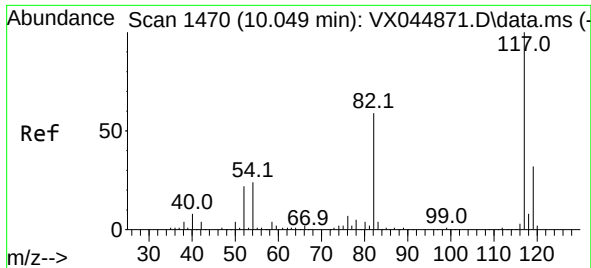
Tgt Ion: 43 Resp: 887
Ion Ratio Lower Upper
43 100
58 200.6 30.8 46.2#



#62
4-Bromofluorobenzene
Concen: 48.899 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX045041.D
Acq: 25 Feb 2025 16:03

Tgt Ion: 95 Resp: 63747
Ion Ratio Lower Upper
95 100
174 75.2 0.0 142.6
176 72.6 0.0 141.6

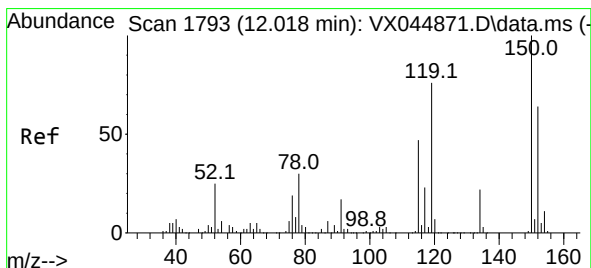
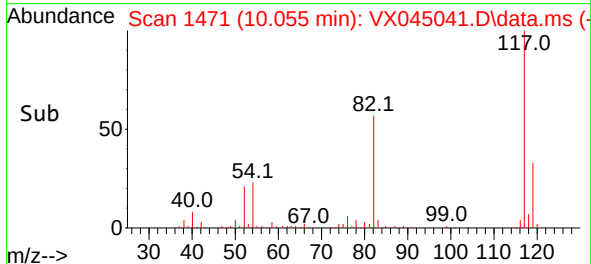
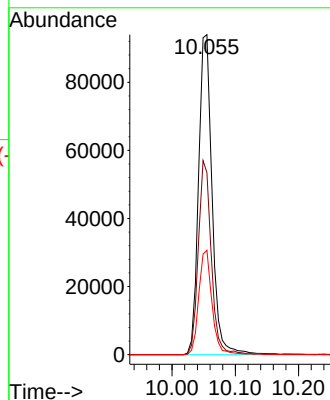
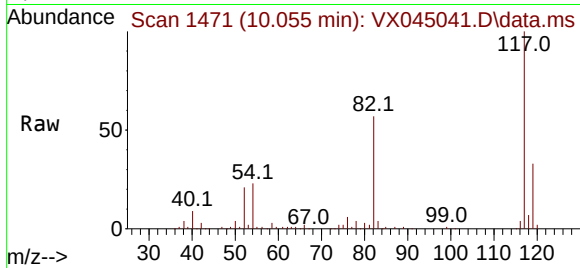




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VX045041.D
Acq: 25 Feb 2025 16:03

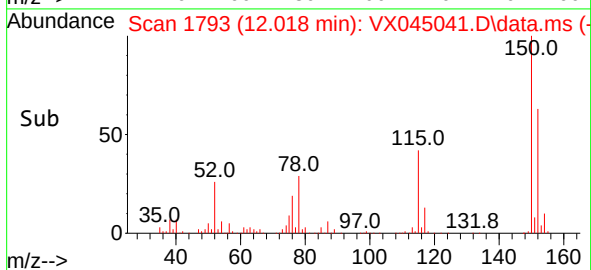
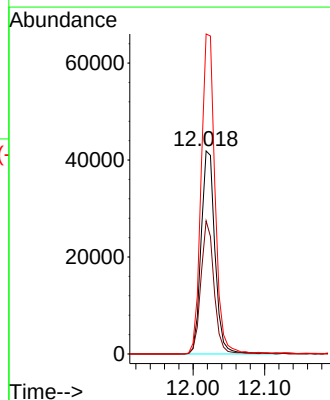
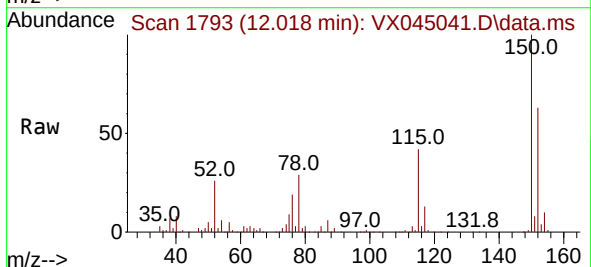
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-192-GW-925-927

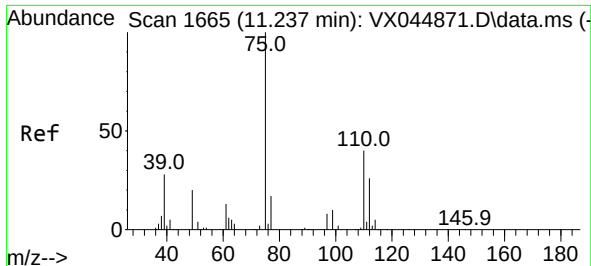
Tgt Ion:117 Resp: 140409
Ion Ratio Lower Upper
117 100
82 56.9 47.5 71.3
119 32.6 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX045041.D
Acq: 25 Feb 2025 16:03

Tgt Ion:152 Resp: 56448
Ion Ratio Lower Upper
152 100
115 61.9 43.4 130.1
150 157.1 0.0 350.4

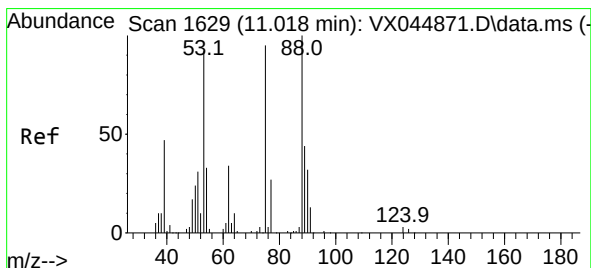
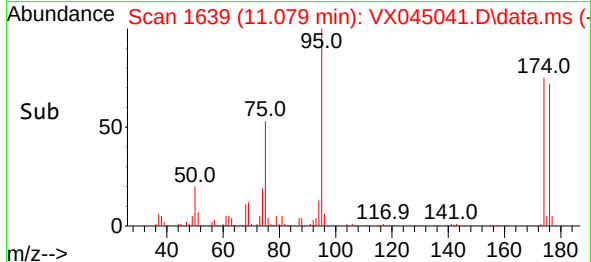
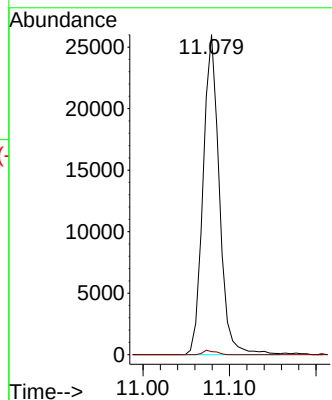
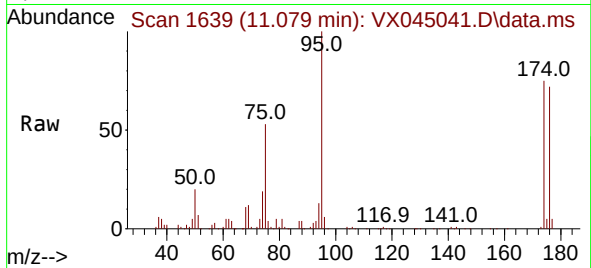




#76
1,2,3-Trichloropropane
Concen: 27.080 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX045041.D
Acq: 25 Feb 2025 16:03

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-192-GW-925-927

Tgt Ion: 75 Resp: 33891
Ion Ratio Lower Upper
75 100
77 1.1 21.9 65.7#



#81
trans-1,4-Dichloro-2-butene
Concen: 69.659 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX045041.D
Acq: 25 Feb 2025 16:03

Tgt Ion: 75 Resp: 33891
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.1 36.6 54.8#

