

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012324\
 Data File : VX039906.D
 Acq On : 23 Jan 2024 13:40
 Operator : JC/MD
 Sample : P1222-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-191-GW-378-380

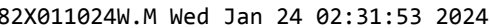
Quant Time: Jan 24 02:31:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 11 03:51:26 2024
 Response via : Initial Calibration

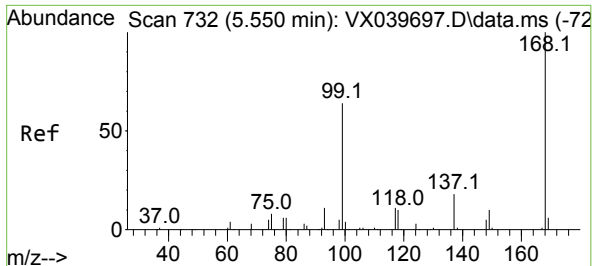
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.550	168	79893	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	147423	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	141224	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	73354	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	63421	47.388	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	94.780%		
35) Dibromofluoromethane	5.385	113	49251	49.600	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.200%		
50) Toluene-d8	8.647	98	181169	48.376	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.760%		
62) 4-Bromofluorobenzene	11.079	95	72581	49.561	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	99.120%		
Target Compounds						Qvalue
11) Tert butyl alcohol	2.959	59	1579	4.532	ug/l #	78
14) Allyl chloride	2.526	41	592	0.313	ug/l #	1
16) Acetone	2.373	43	1373	1.824	ug/l #	89
17) Carbon Disulfide	2.514	76	1150	0.416	ug/l	99
25) 2-Butanone	4.580	43	462	0.427	ug/l #	51
26) 2,2-Dichloropropane	4.562	77	530	0.332	ug/l #	54
31) Cyclohexane	5.550	56	2310	1.308	ug/l #	28
36) 1,1-Dichloropropene	5.544	75	7404	4.790	ug/l #	51
38) Carbon Tetrachloride	5.550	117	8785	6.206	ug/l #	15
51) 4-Methyl-2-Pentanone	8.641	43	1046	0.502	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	40841	21.475	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	40841	62.488	ug/l #	5

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

Quant Time: Jan 24 02:31:43 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011024W.M
Quant Title : SW846 8260
QLast Update : Thu Jan 11 03:51:26 2024
Response via : Initial Calibration

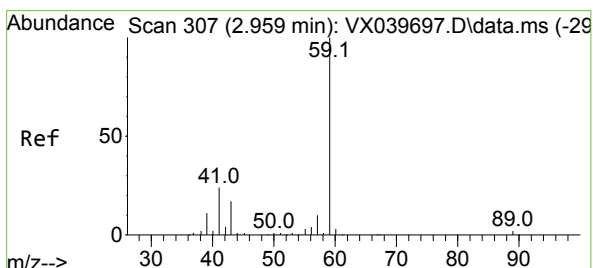
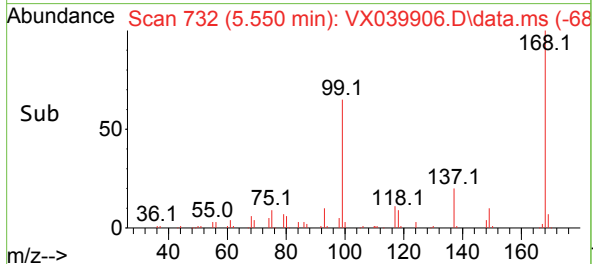
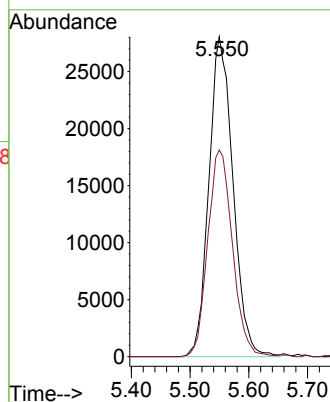
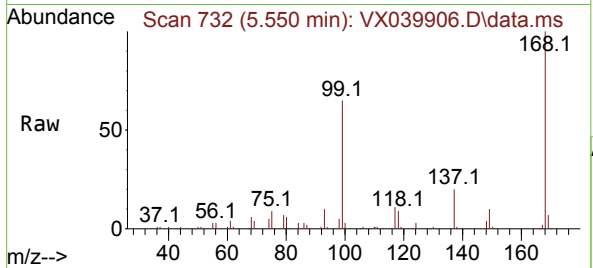




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX039906.D
Acq: 23 Jan 2024 13:40

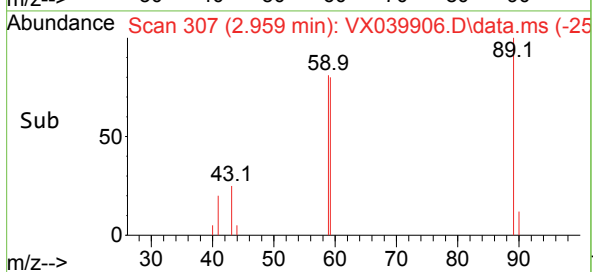
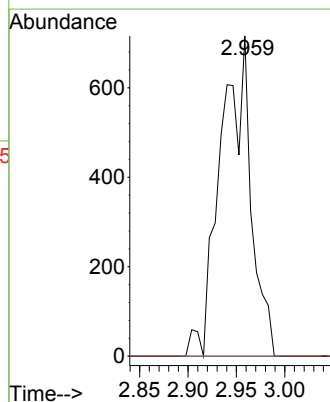
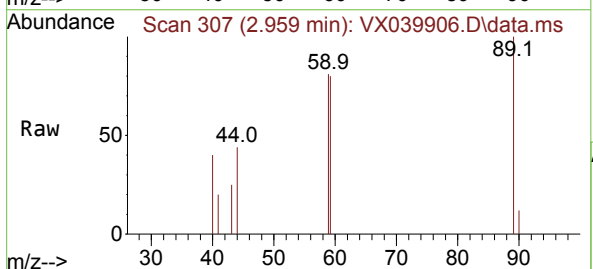
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-191-GW-378-380

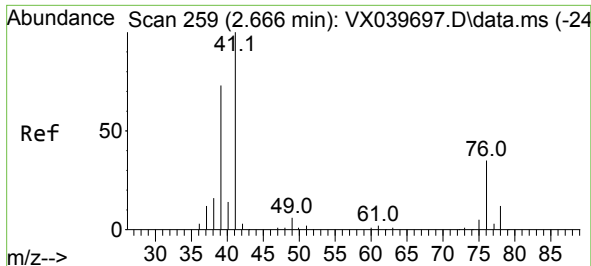
Tgt Ion:168 Resp: 79893
Ion Ratio Lower Upper
168 100
99 64.6 56.6 85.0



#11
Tert butyl alcohol
Concen: 4.532 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.000 min
Lab File: VX039906.D
Acq: 23 Jan 2024 13:40

Tgt Ion: 59 Resp: 1579
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

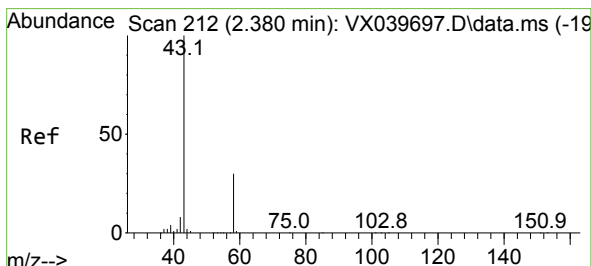
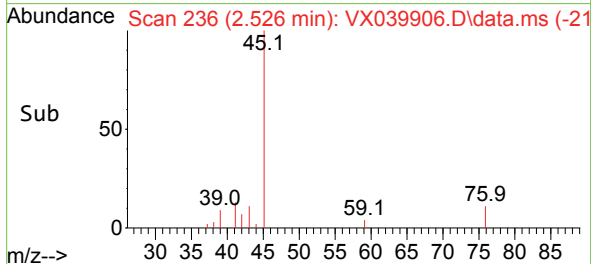
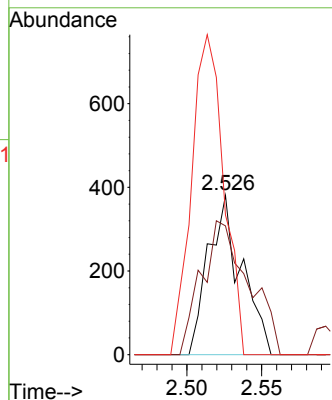
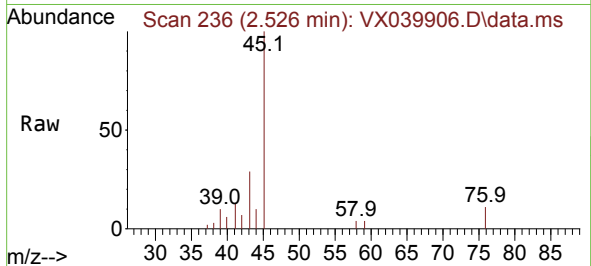




#14
 Allyl chloride
 Concen: 0.313 ug/l
 RT: 2.526 min Scan# 211
 Delta R.T. -0.140 min
 Lab File: VX039906.D
 Acq: 23 Jan 2024 13:40

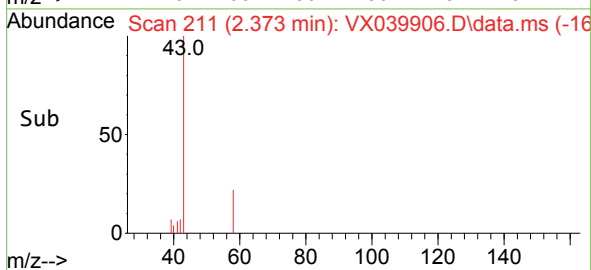
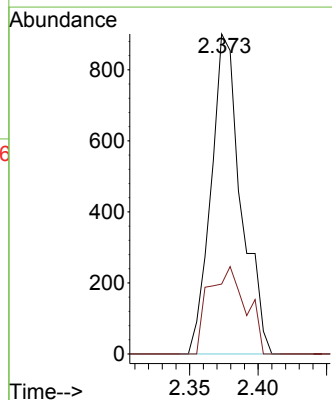
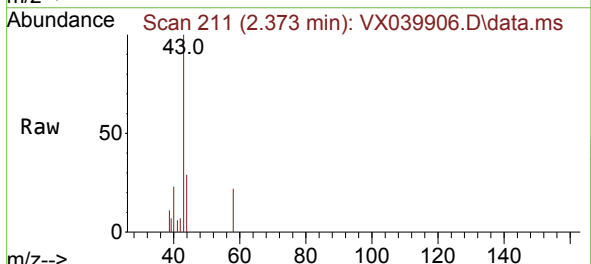
Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-191-GW-378-380

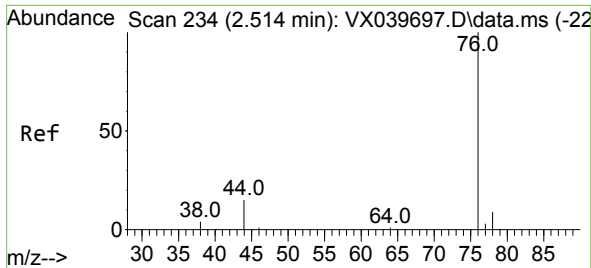
Tgt Ion: 41 Resp: 592
 Ion Ratio Lower Upper
 41 100
 39 117.6 55.8 83.6#
 76 194.3 24.3 36.5#



#16
 Acetone
 Concen: 1.824 ug/l
 RT: 2.373 min Scan# 211
 Delta R.T. -0.006 min
 Lab File: VX039906.D
 Acq: 23 Jan 2024 13:40

Tgt Ion: 43 Resp: 1373
 Ion Ratio Lower Upper
 43 100
 58 21.9 21.9 32.9#





#17

Carbon Disulfide

Concen: 0.416 ug/l

RT: 2.514 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX039906.D

Acq: 23 Jan 2024 13:40

Instrument :

MSVOA_X

ClientSampleId :

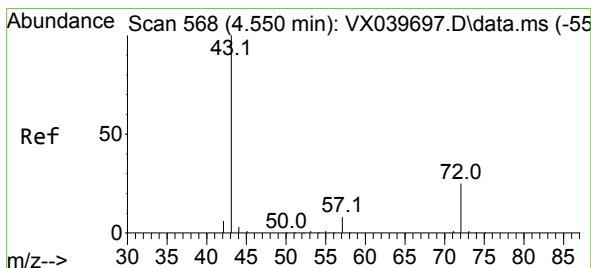
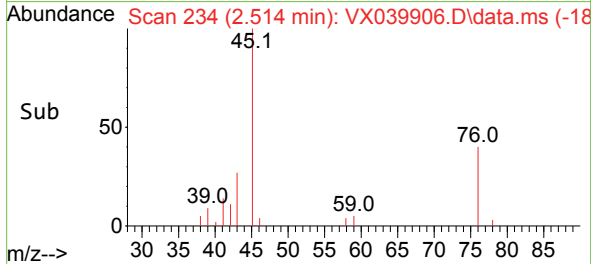
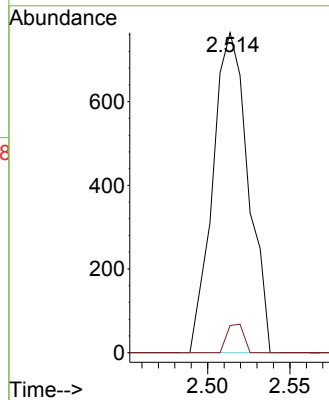
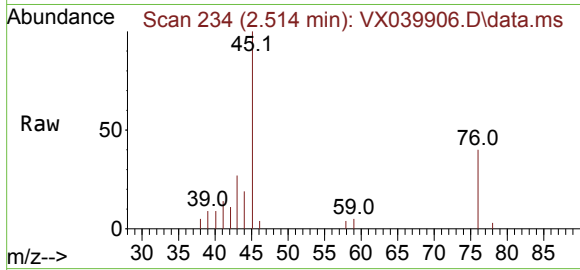
BP-VPB-191-GW-378-380

Tgt Ion: 76 Resp: 1150

Ion Ratio Lower Upper

76 100

78 8.5 7.0 10.6



#25

2-Butanone

Concen: 0.427 ug/l

RT: 4.580 min Scan# 573

Delta R.T. 0.030 min

Lab File: VX039906.D

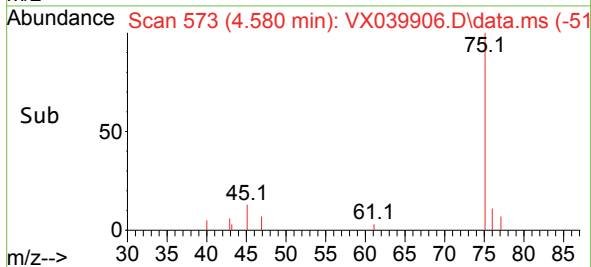
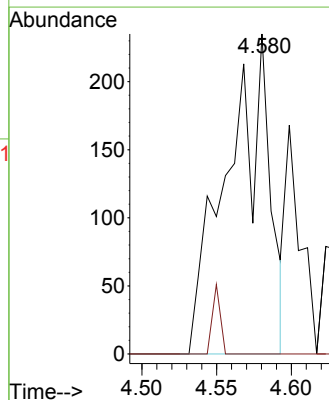
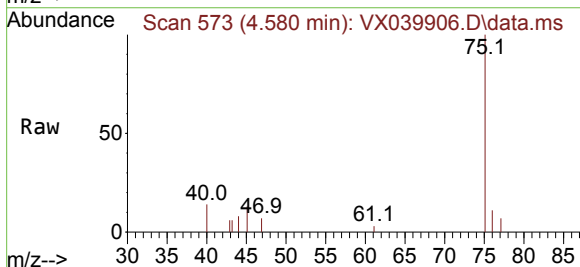
Acq: 23 Jan 2024 13:40

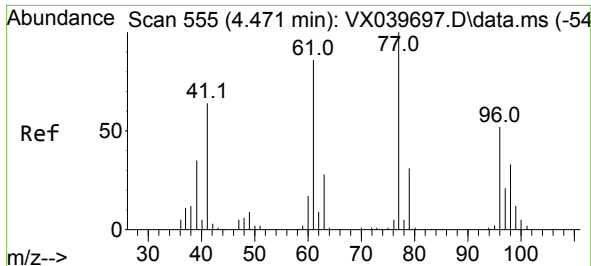
Tgt Ion: 43 Resp: 462

Ion Ratio Lower Upper

43 100

72 0.0 19.4 29.2#





#26

2,2-Dichloropropane

Concen: 0.332 ug/l

RT: 4.562 min Scan# 51

Delta R.T. 0.091 min

Lab File: VX039906.D

Acq: 23 Jan 2024 13:40

Instrument :

MSVOA_X

ClientSampleId :

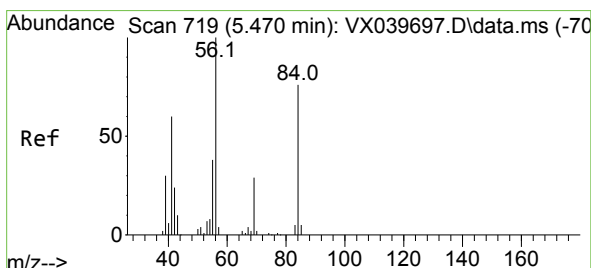
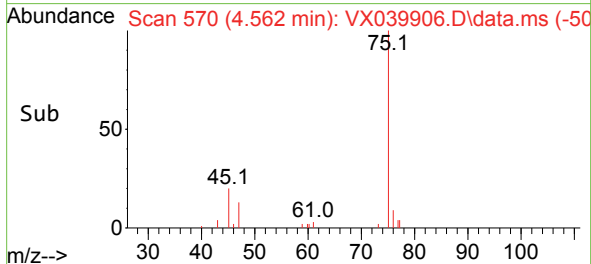
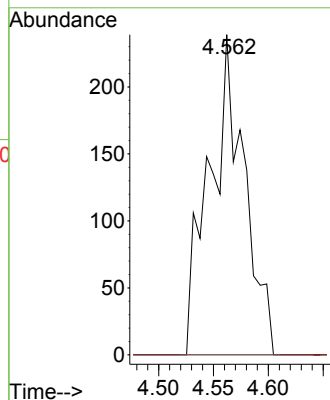
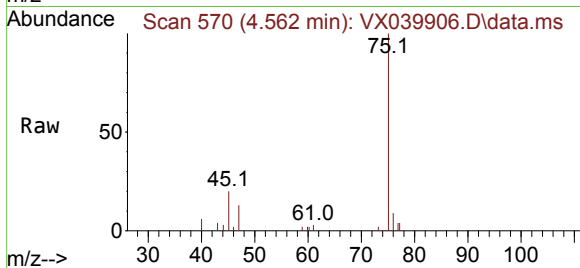
BP-VPB-191-GW-378-380

Tgt Ion: 77 Resp: 530

Ion Ratio Lower Upper

77 100

97 0.0 10.8 32.3#



#31

Cyclohexane

Concen: 1.308 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.079 min

Lab File: VX039906.D

Acq: 23 Jan 2024 13:40

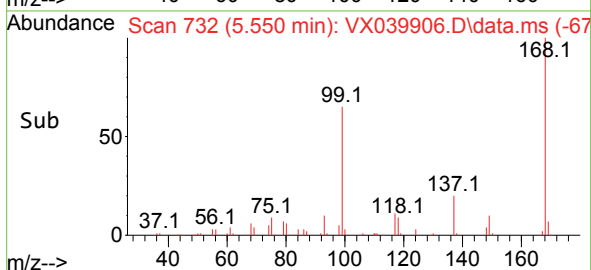
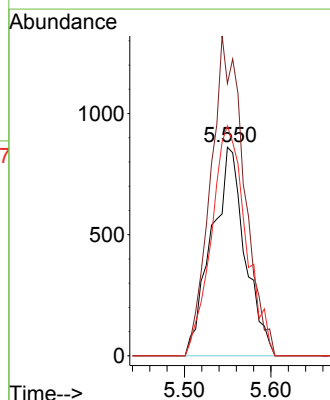
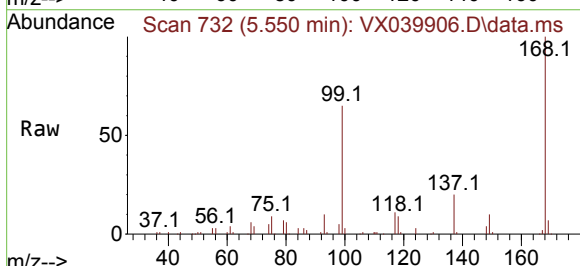
Tgt Ion: 56 Resp: 2310

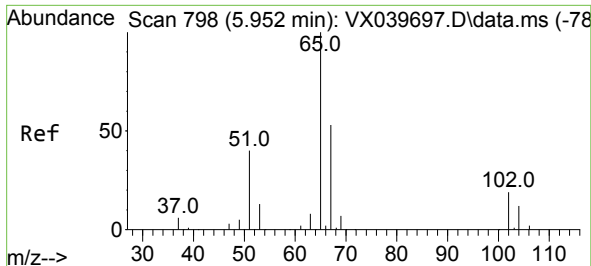
Ion Ratio Lower Upper

56 100

69 130.5 23.4 35.2#

84 110.2 65.9 98.9#

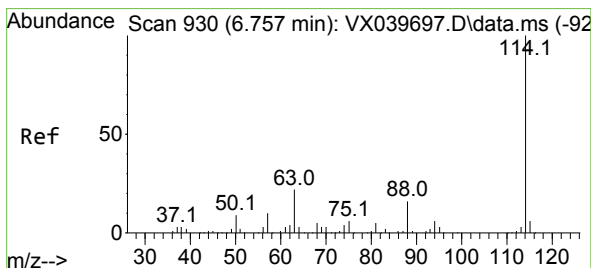
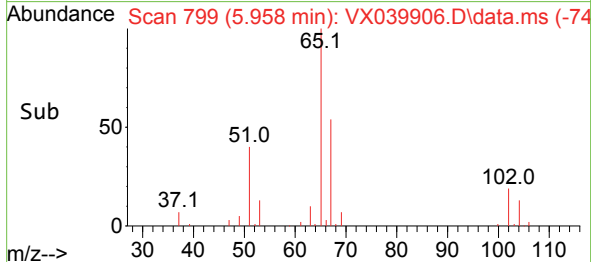
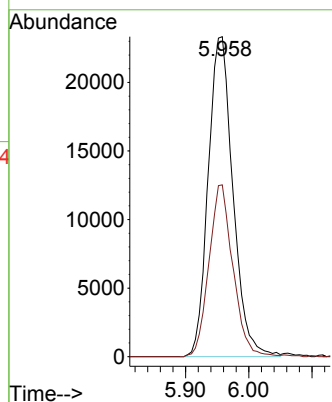
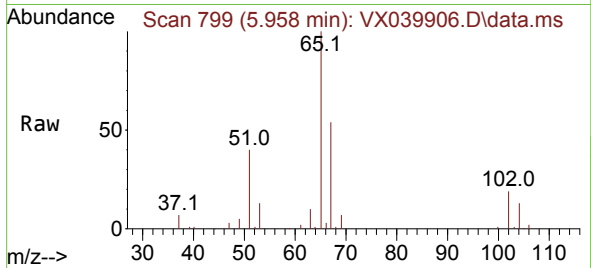




#33
1,2-Dichloroethane-d4
Concen: 47.388 ug/l
RT: 5.958 min Scan# 798
Delta R.T. 0.006 min
Lab File: VX039906.D
Acq: 23 Jan 2024 13:40

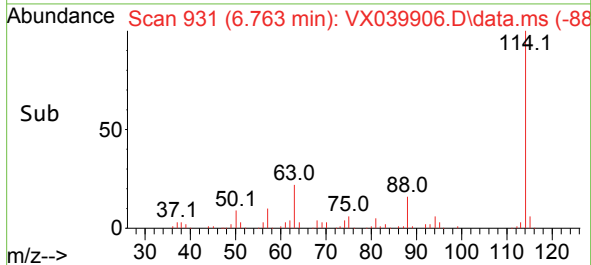
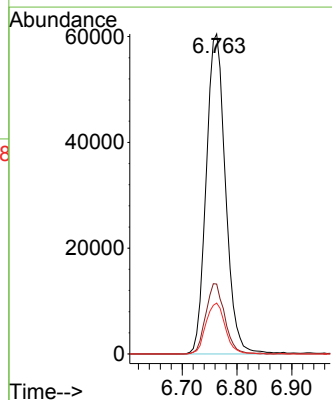
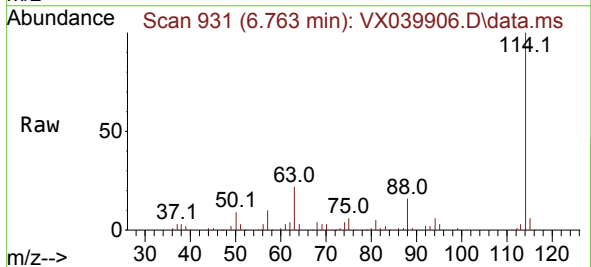
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-191-GW-378-380

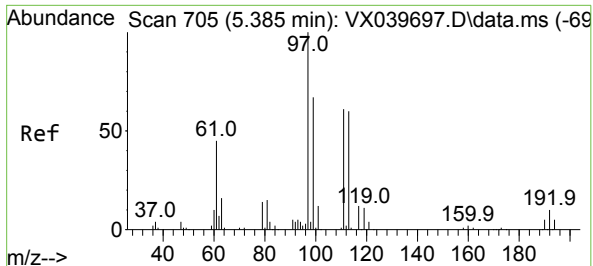
Tgt Ion: 65 Resp: 63421
Ion Ratio Lower Upper
65 100
67 52.0 0.0 100.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.006 min
Lab File: VX039906.D
Acq: 23 Jan 2024 13:40

Tgt Ion: 114 Resp: 147423
Ion Ratio Lower Upper
114 100
63 21.9 0.0 45.0
88 15.9 0.0 36.6





#35

Dibromofluoromethane

Concen: 49.600 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX039906.D

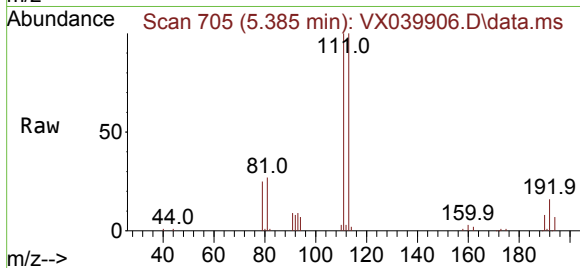
Acq: 23 Jan 2024 13:40

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-191-GW-378-380



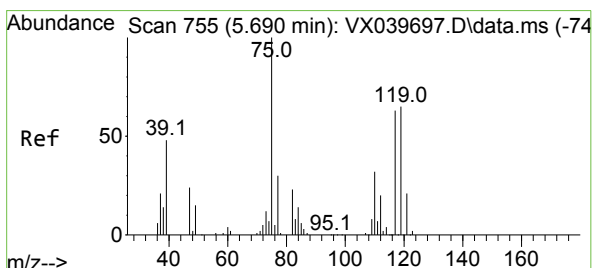
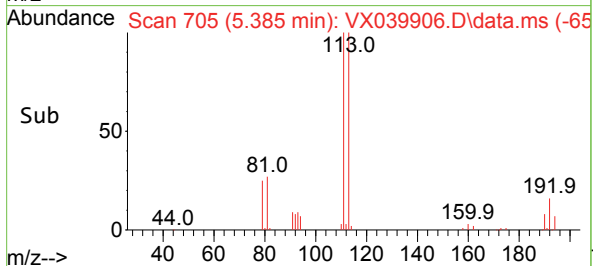
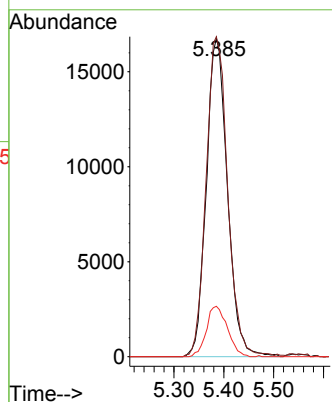
Tgt Ion:113 Resp: 49251

Ion Ratio Lower Upper

113 100

111 102.9 82.9 124.3

192 15.8 13.3 19.9



#36

1,1-Dichloropropene

Concen: 4.790 ug/l

RT: 5.544 min Scan# 731

Delta R.T. -0.146 min

Lab File: VX039906.D

Acq: 23 Jan 2024 13:40

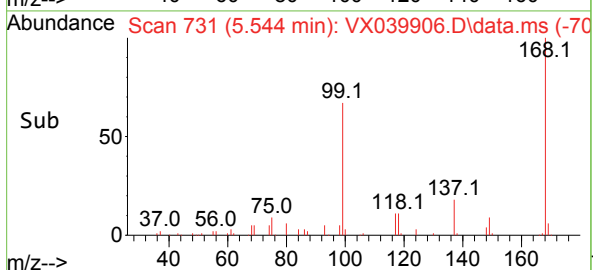
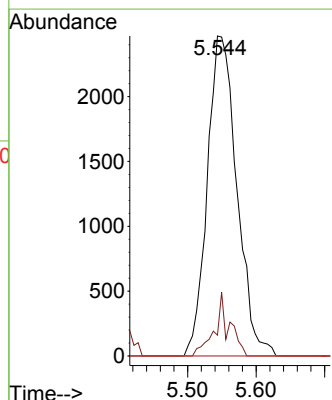
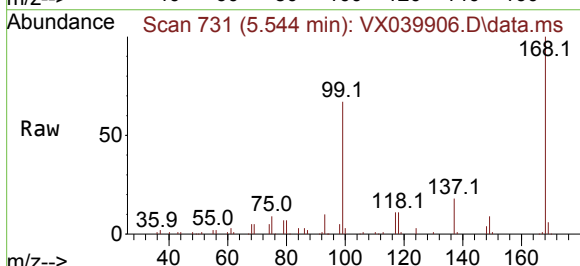
Tgt Ion: 75 Resp: 7404

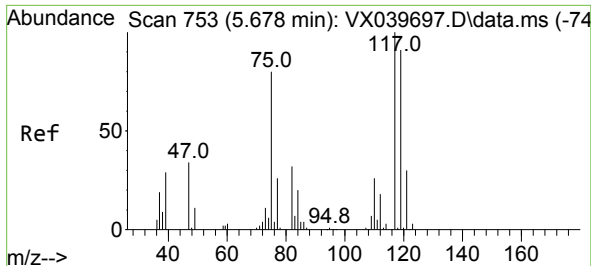
Ion Ratio Lower Upper

75 100

110 9.9 17.0 50.9#

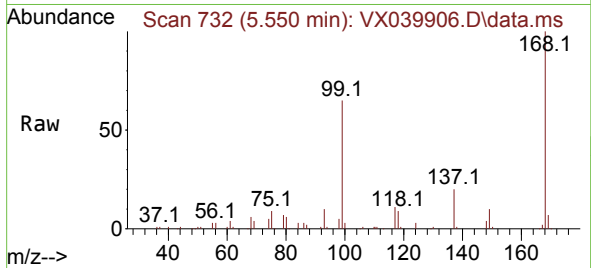
77 0.0 24.7 37.1#



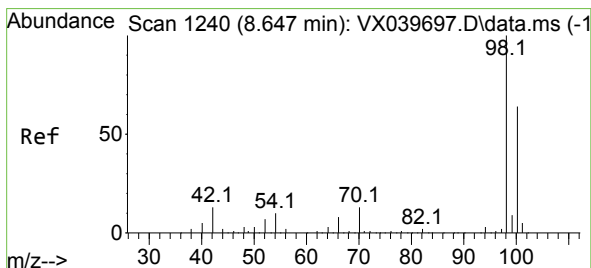
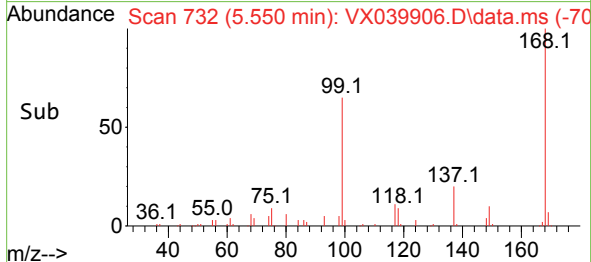
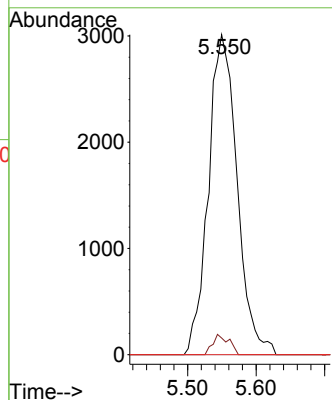


#38
Carbon Tetrachloride
Concen: 6.206 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX039906.D
Acq: 23 Jan 2024 13:40

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-191-GW-378-380

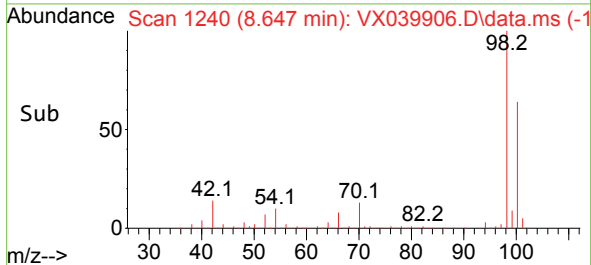
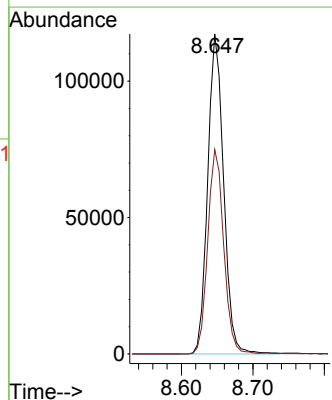
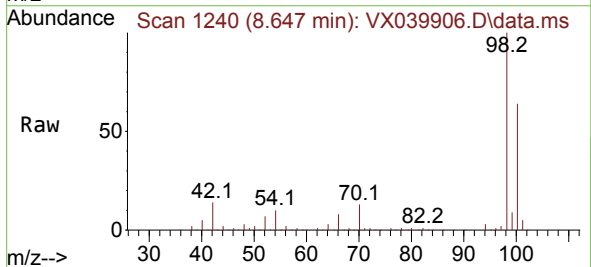


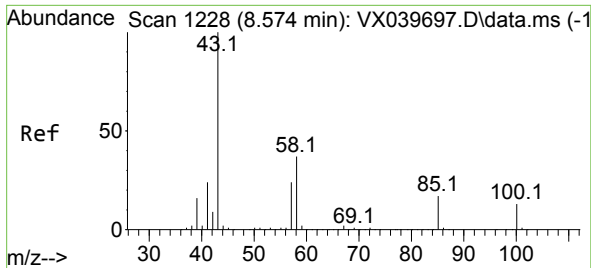
Tgt Ion:117 Resp: 8785
Ion Ratio Lower Upper
117 100
119 5.2 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 48.376 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX039906.D
Acq: 23 Jan 2024 13:40

Tgt Ion: 98 Resp: 181169
Ion Ratio Lower Upper
98 100
100 64.4 53.1 79.7

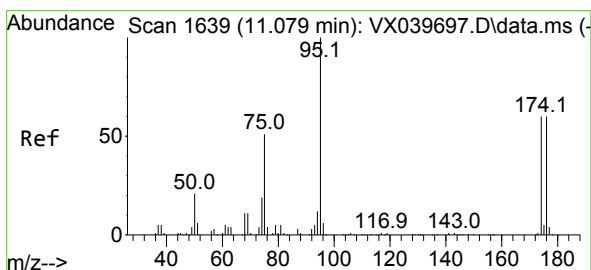
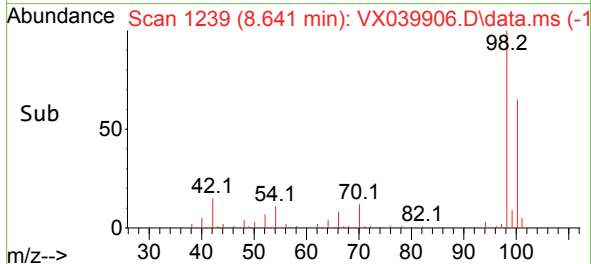
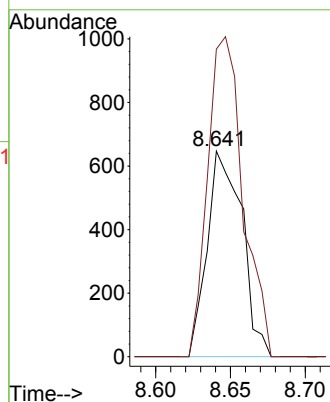
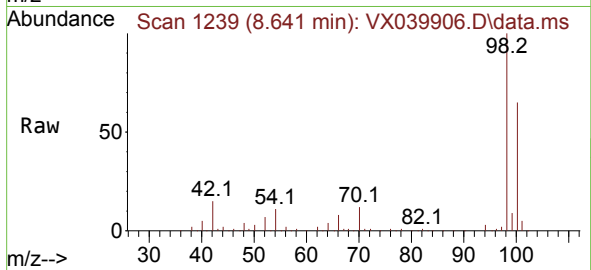




#51
4-Methyl-2-Pentanone
Concen: 0.502 ug/l
RT: 8.641 min Scan# 1239
Delta R.T. 0.067 min
Lab File: VX039906.D
Acq: 23 Jan 2024 13:40

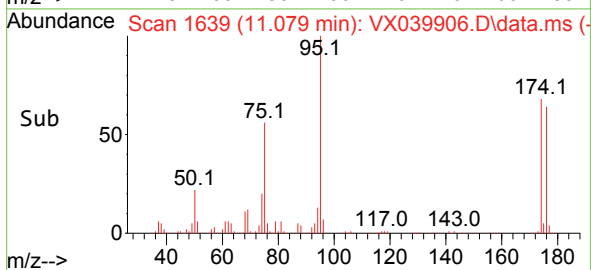
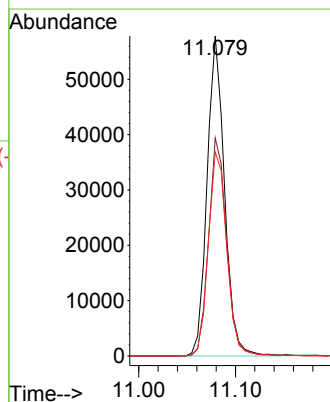
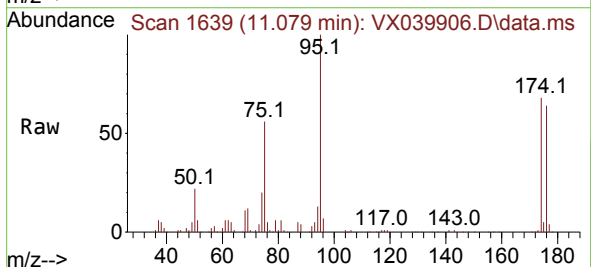
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-191-GW-378-380

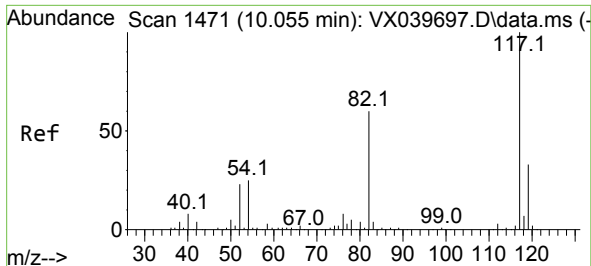
Tgt Ion: 43 Resp: 1046
Ion Ratio Lower Upper
43 100
58 158.3 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 49.561 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX039906.D
Acq: 23 Jan 2024 13:40

Tgt Ion: 95 Resp: 72581
Ion Ratio Lower Upper
95 100
174 70.2 0.0 135.6
176 67.2 0.0 131.0

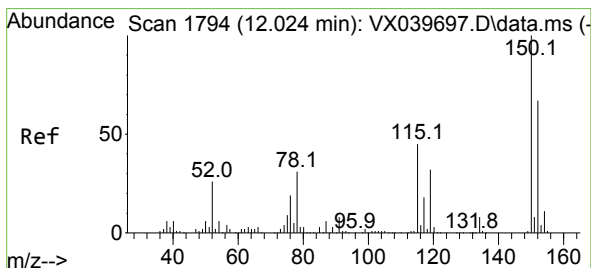
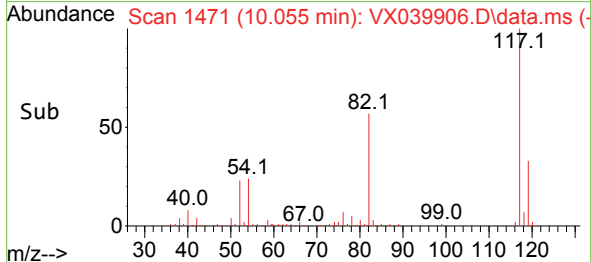
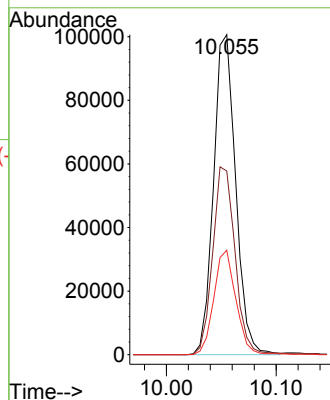
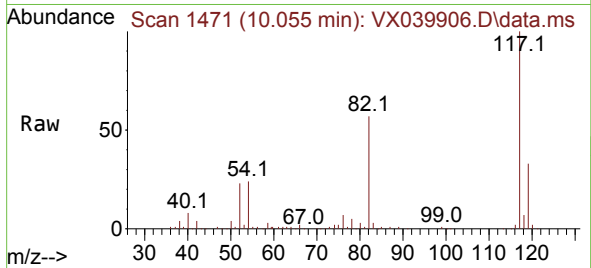




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX039906.D
Acq: 23 Jan 2024 13:40

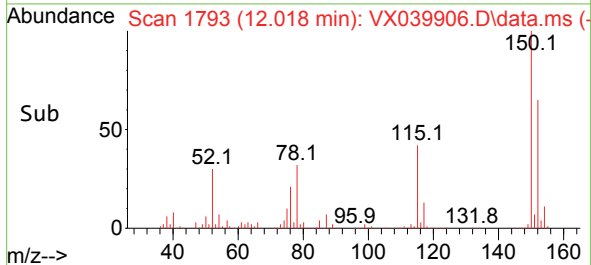
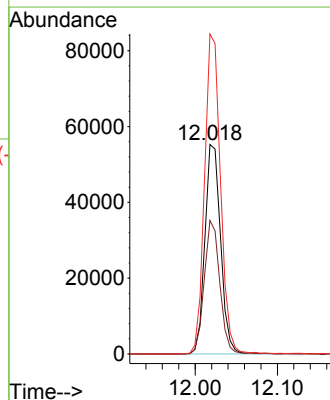
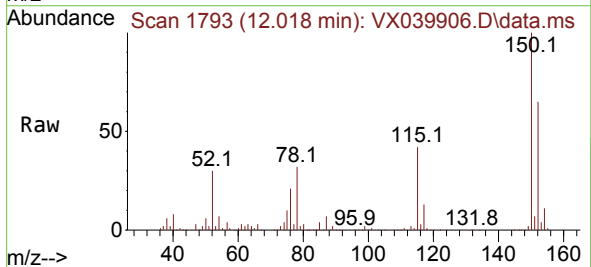
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-191-GW-378-380

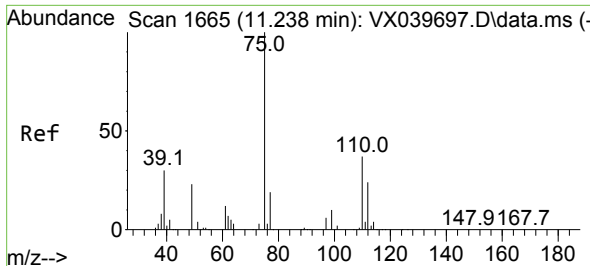
Tgt Ion:117 Resp: 141224
Ion Ratio Lower Upper
117 100
82 57.4 46.2 69.4
119 32.7 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VX039906.D
Acq: 23 Jan 2024 13:40

Tgt Ion:152 Resp: 73354
Ion Ratio Lower Upper
152 100
115 63.0 43.3 129.9
150 155.1 0.0 345.0

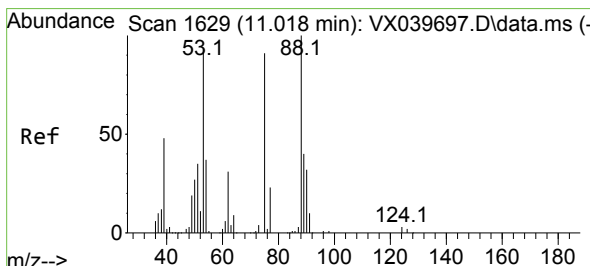
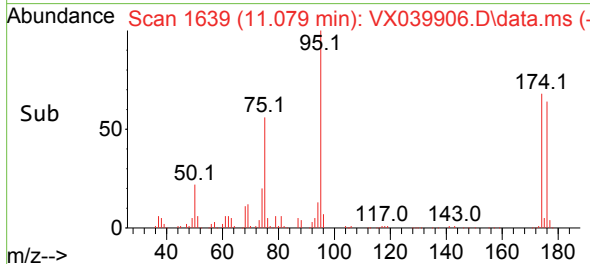
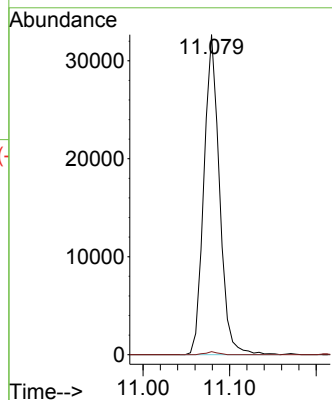
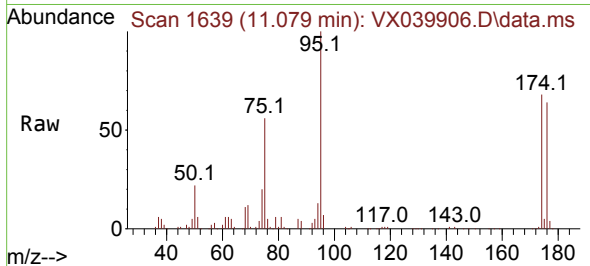




#76
1,2,3-Trichloropropane
Concen: 21.475 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX039906.D
Acq: 23 Jan 2024 13:40

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-191-GW-378-380

Tgt Ion: 75 Resp: 40841
Ion Ratio Lower Upper
75 100
77 0.8 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 62.488 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX039906.D
Acq: 23 Jan 2024 13:40

Tgt Ion: 75 Resp: 40841
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

