

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012324\
 Data File : VX039908.D
 Acq On : 23 Jan 2024 14:25
 Operator : JC/MD
 Sample : P1222-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-191-GW-420-422

Quant Time: Jan 24 02:32:25 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)

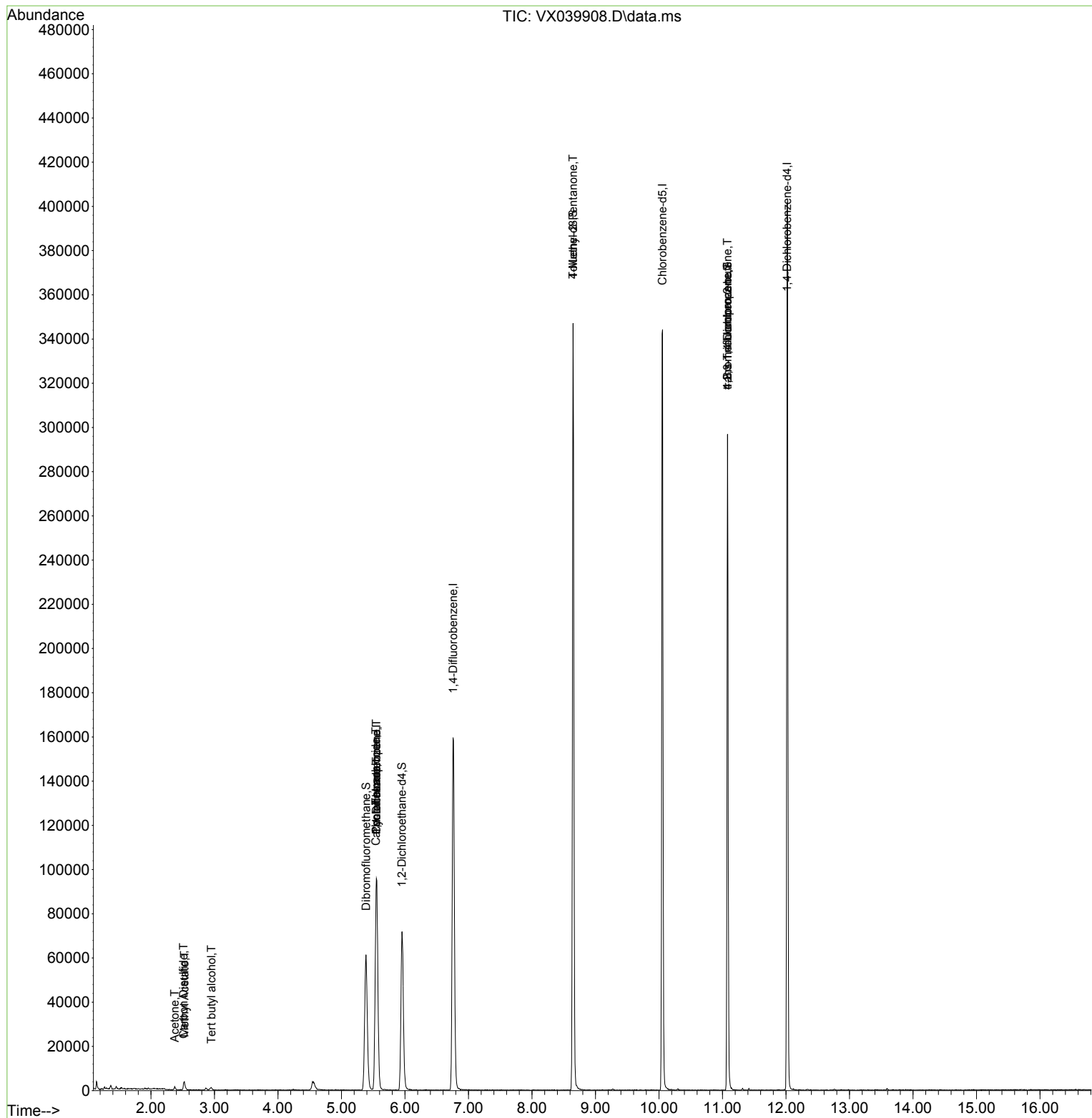
Internal Standards						
1) Pentafluorobenzene	5.550	168	86676	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	159886	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	152794	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	76068	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	68906	47.458	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.920%
35) Dibromofluoromethane	5.385	113	52420	48.677	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.360%
50) Toluene-d8	8.647	98	196888	48.476	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.960%
62) 4-Bromofluorobenzene	11.079	95	76870	48.398	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.800%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.953	59	986	2.609	ug/l #	78
16) Acetone	2.374	43	1374	1.683	ug/l	98
17) Carbon Disulfide	2.514	76	1002	0.334	ug/l	97
18) Methyl Acetate	2.526	43	1063	0.622	ug/l #	53
31) Cyclohexane	5.550	56	2291	1.196	ug/l #	29
36) 1,1-Dichloropropene	5.550	75	8524	5.085	ug/l #	49
38) Carbon Tetrachloride	5.544	117	9734	6.340	ug/l #	14
51) 4-Methyl-2-Pentanone	8.647	43	1004	0.444	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	42731	21.667	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	42731	62.986	ug/l #	5

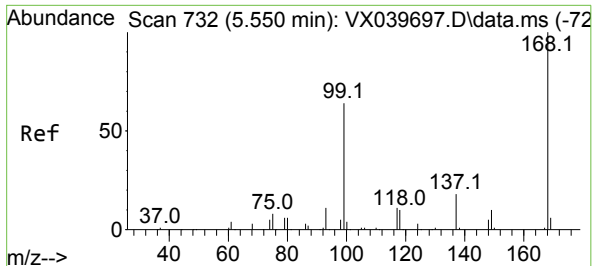
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012324\
Data File : VX039908.D
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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-191-GW-420-422

Quant Time: Jan 24 02:32:25 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# 71

Delta R.T. -0.000 min

Lab File: VX039908.D

Acq: 23 Jan 2024 14:25

Instrument :

MSVOA_X

ClientSampleId :

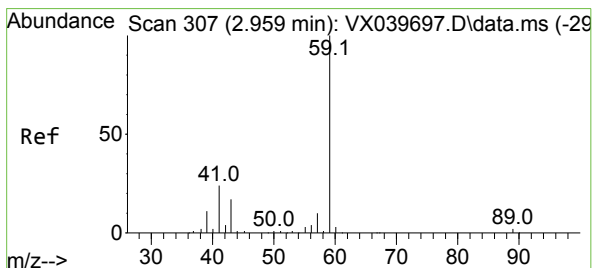
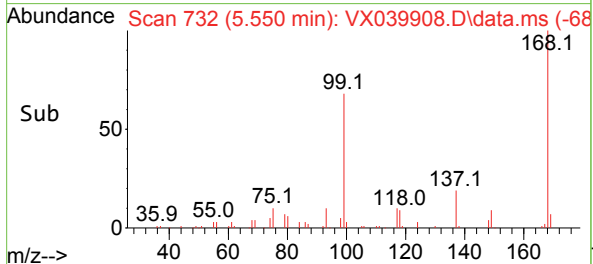
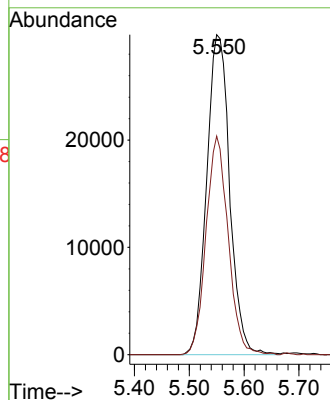
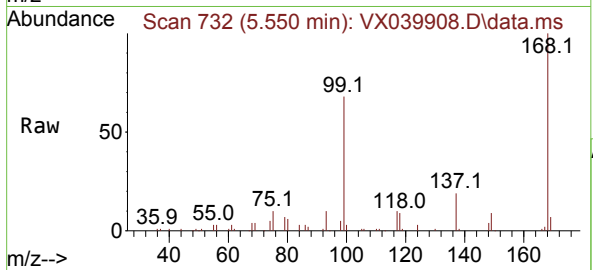
BP-VPB-191-GW-420-422

Tgt Ion:168 Resp: 86676

Ion Ratio Lower Upper

168 100

99 68.3 56.6 85.0



#11

Tert butyl alcohol

Concen: 2.609 ug/l

RT: 2.953 min Scan# 306

Delta R.T. -0.006 min

Lab File: VX039908.D

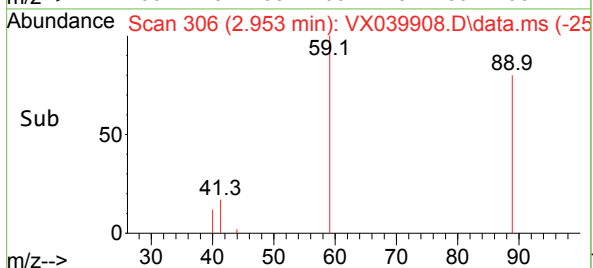
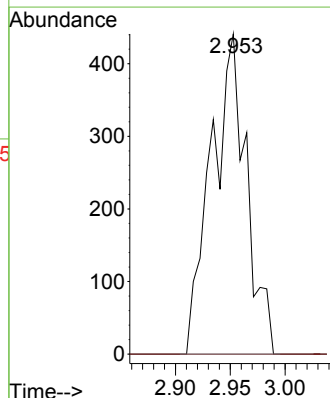
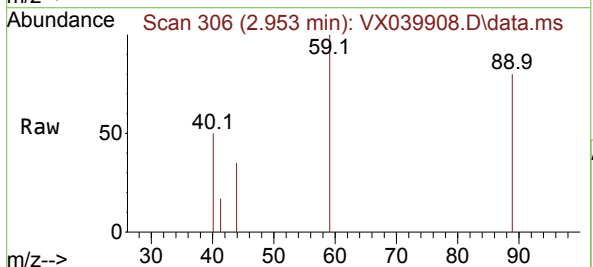
Acq: 23 Jan 2024 14:25

Tgt Ion: 59 Resp: 986

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#

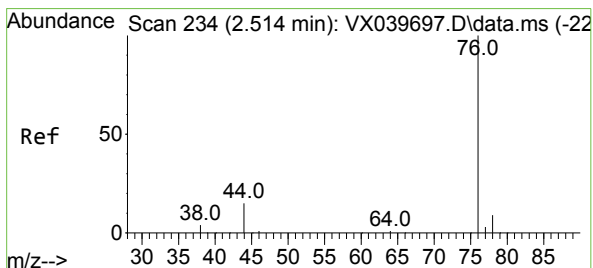
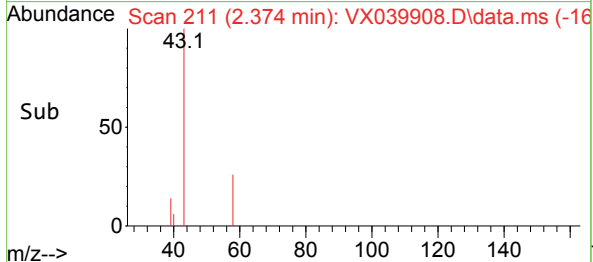
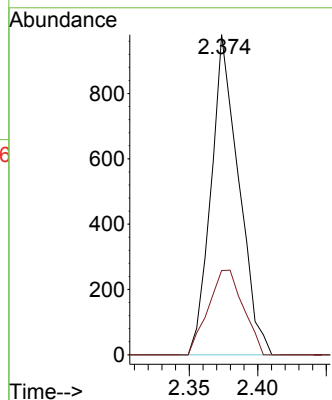
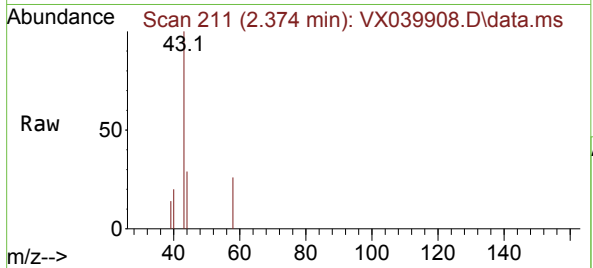




#16
Acetone
Concen: 1.683 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX039908.D
Acq: 23 Jan 2024 14:25

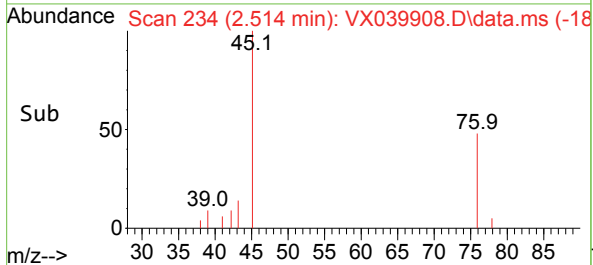
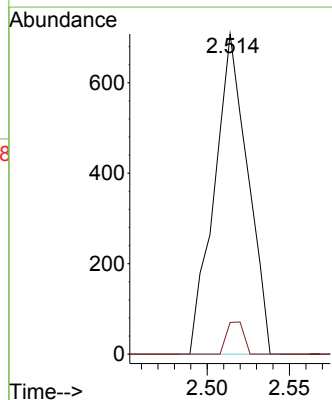
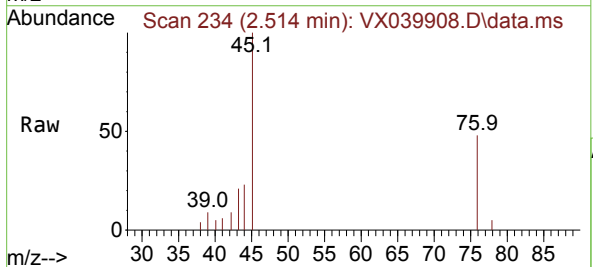
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-191-GW-420-422

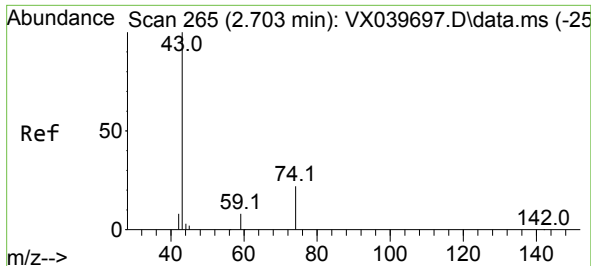
Tgt Ion: 43 Resp: 1374
Ion Ratio Lower Upper
43 100
58 26.3 21.9 32.9



#17
Carbon Disulfide
Concen: 0.334 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.000 min
Lab File: VX039908.D
Acq: 23 Jan 2024 14:25

Tgt Ion: 76 Resp: 1002
Ion Ratio Lower Upper
76 100
78 9.9 7.0 10.6





#18

Methyl Acetate

Concen: 0.622 ug/l

RT: 2.526 min Scan# 21

Delta R.T. -0.177 min

Lab File: VX039908.D

Acq: 23 Jan 2024 14:25

Instrument :

MSVOA_X

ClientSampleId :

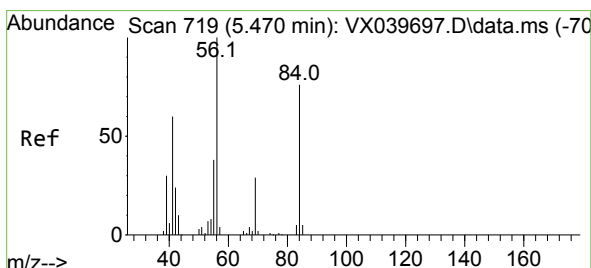
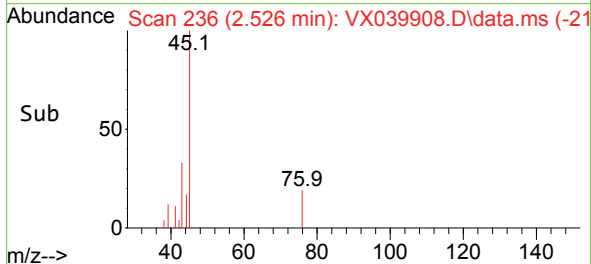
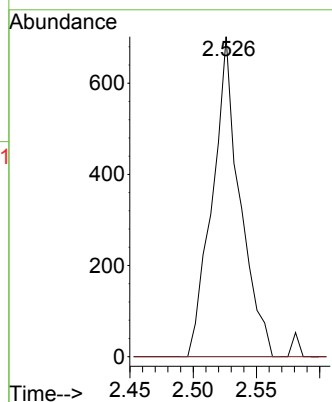
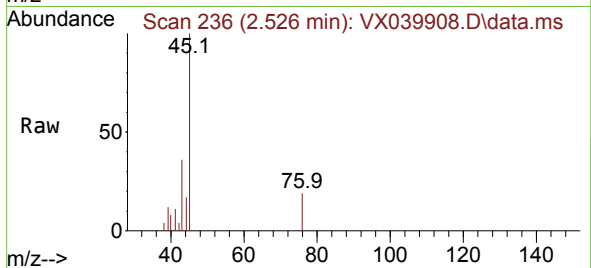
BP-VPB-191-GW-420-422

Tgt Ion: 43 Resp: 1063

Ion Ratio Lower Upper

43 100

74 0.0 17.8 26.8#



#31

Cyclohexane

Concen: 1.196 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.079 min

Lab File: VX039908.D

Acq: 23 Jan 2024 14:25

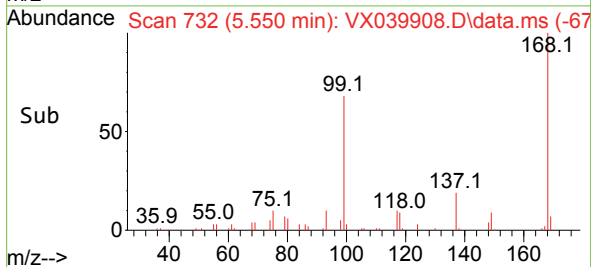
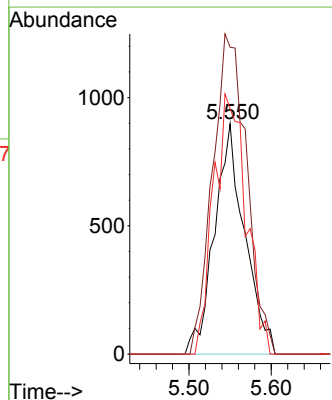
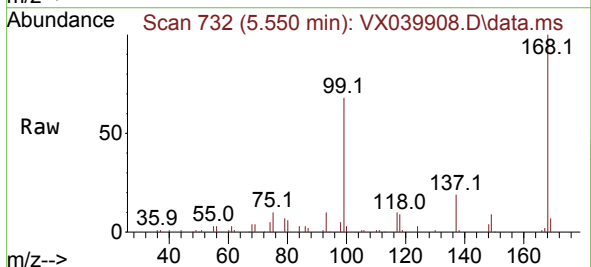
Tgt Ion: 56 Resp: 2291

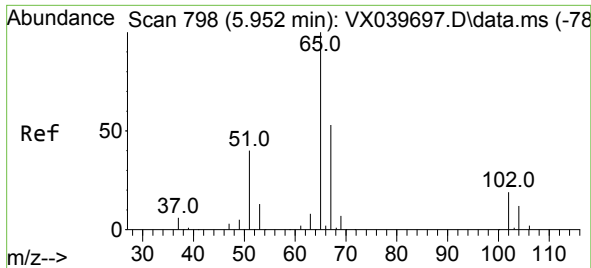
Ion Ratio Lower Upper

56 100

69 133.2 23.4 35.2#

84 106.5 65.9 98.9#

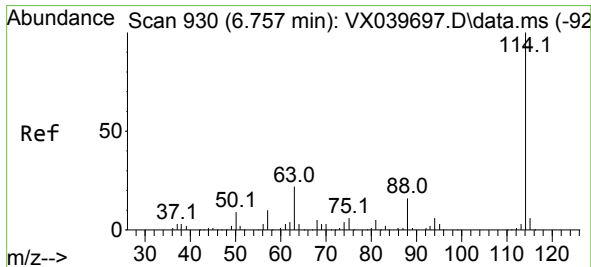
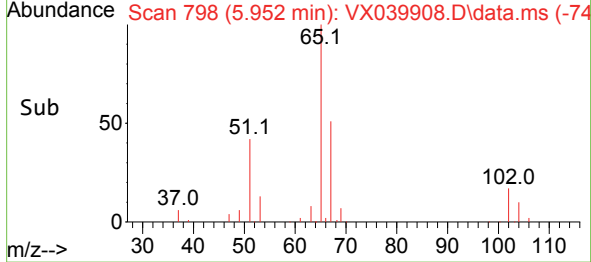
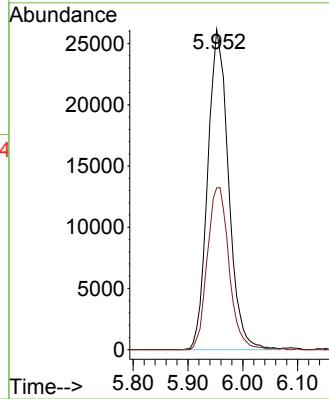
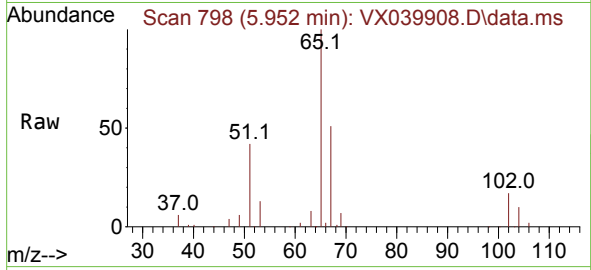




#33
 1,2-Dichloroethane-d4
 Concen: 47.458 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. 0.000 min
 Lab File: VX039908.D
 Acq: 23 Jan 2024 14:25

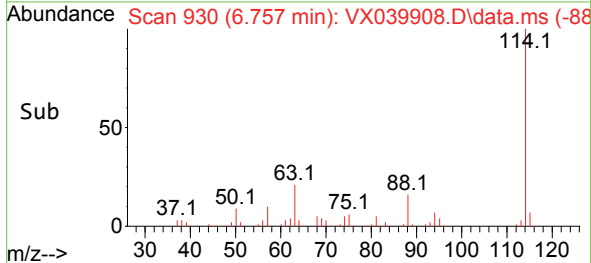
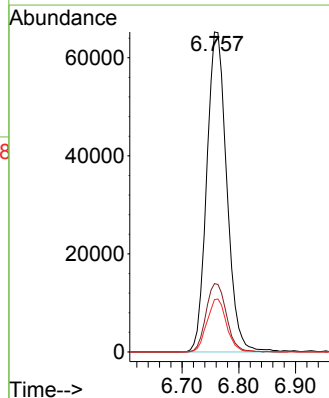
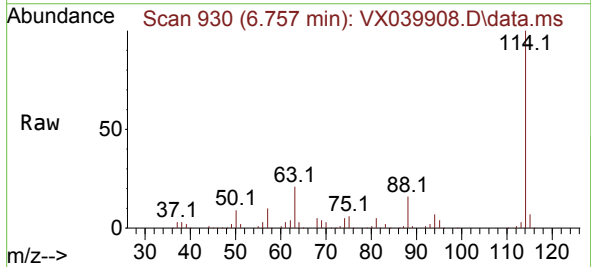
Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-191-GW-420-422

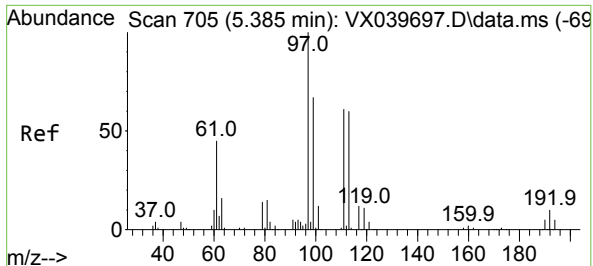
Tgt Ion: 65 Resp: 68906
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. 0.000 min
 Lab File: VX039908.D
 Acq: 23 Jan 2024 14:25

Tgt Ion: 114 Resp: 159886
 Ion Ratio Lower Upper
 114 100
 63 21.3 0.0 45.0
 88 16.4 0.0 36.6

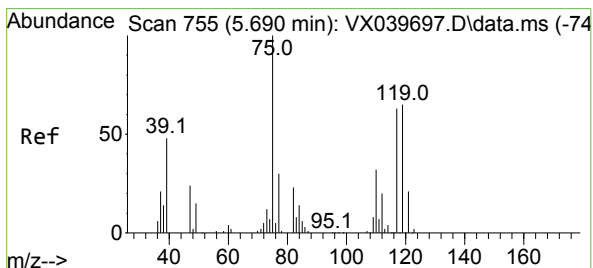
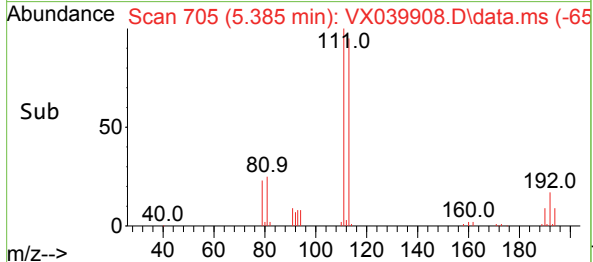
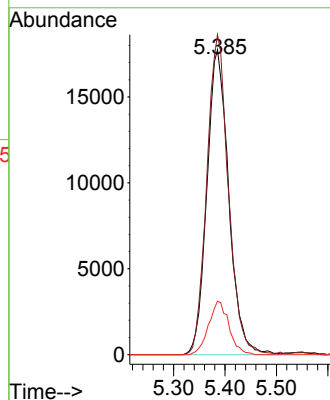
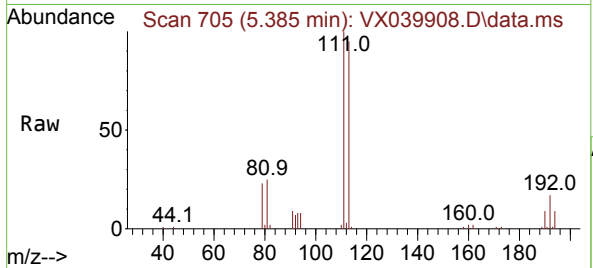




#35
Dibromofluoromethane
Concen: 48.677 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX039908.D
Acq: 23 Jan 2024 14:25

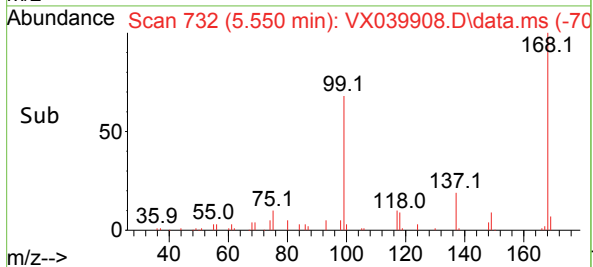
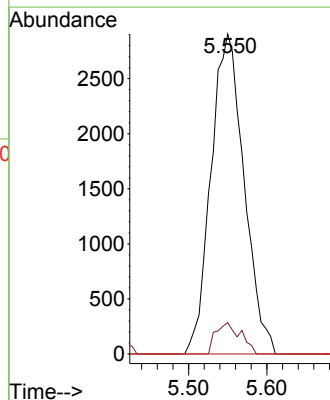
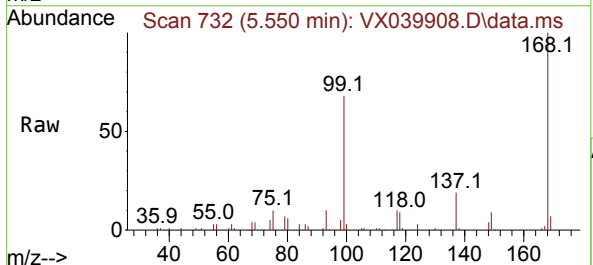
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-191-GW-420-422

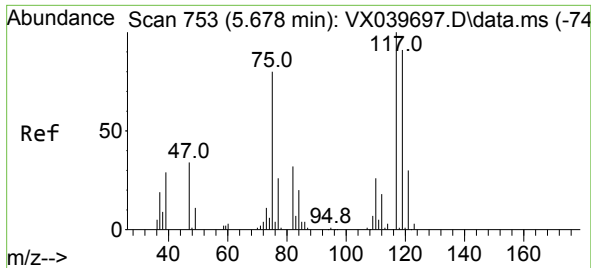
Tgt Ion:113 Resp: 52420
Ion Ratio Lower Upper
113 100
111 103.5 82.9 124.3
192 16.3 13.3 19.9



#36
1,1-Dichloropropene
Concen: 5.085 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX039908.D
Acq: 23 Jan 2024 14:25

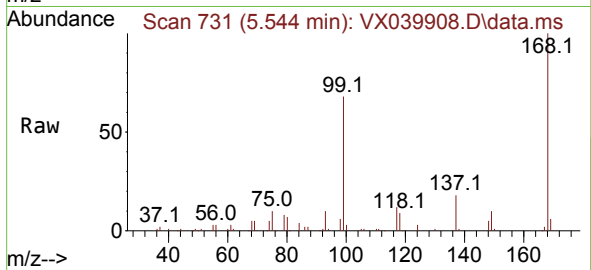
Tgt Ion: 75 Resp: 8524
Ion Ratio Lower Upper
75 100
110 7.4 17.0 50.9#
77 0.0 24.7 37.1#



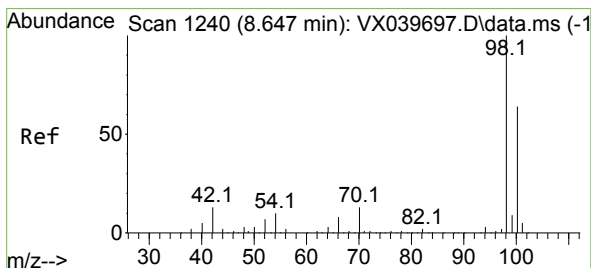
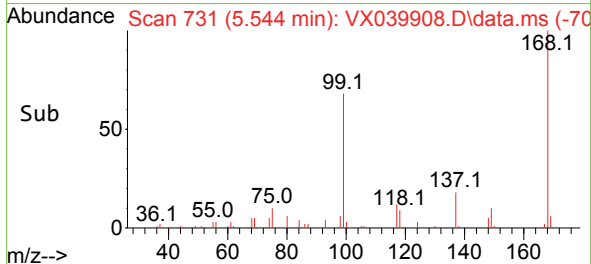
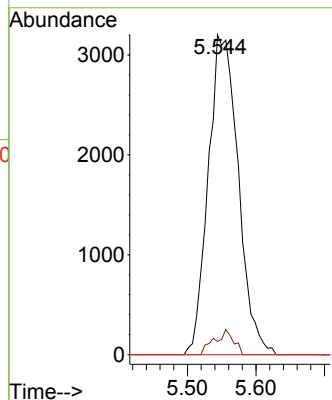


#38
Carbon Tetrachloride
Concen: 6.340 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX039908.D
Acq: 23 Jan 2024 14:25

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-191-GW-420-422

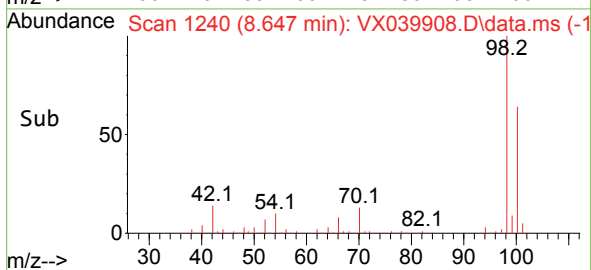
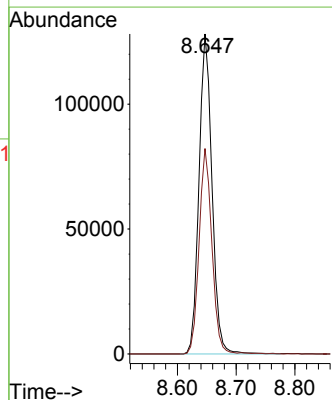
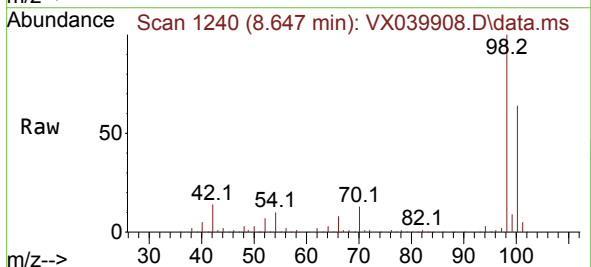


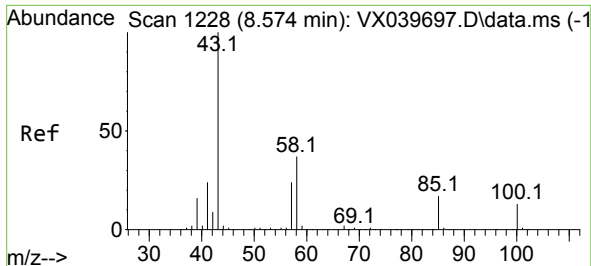
Tgt Ion:117 Resp: 9734
Ion Ratio Lower Upper
117 100
119 4.2 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 48.476 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX039908.D
Acq: 23 Jan 2024 14:25

Tgt Ion: 98 Resp: 196888
Ion Ratio Lower Upper
98 100
100 63.4 53.1 79.7





#51

4-Methyl-2-Pentanone

Concen: 0.444 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.073 min

Lab File: VX039908.D

Acq: 23 Jan 2024 14:25

Instrument :

MSVOA_X

ClientSampleId :

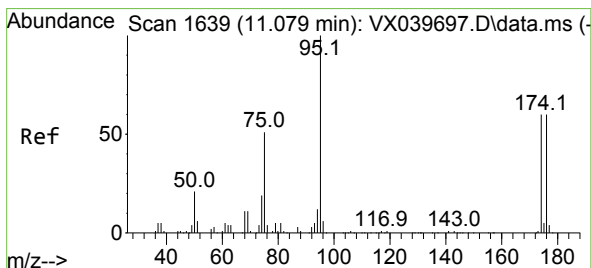
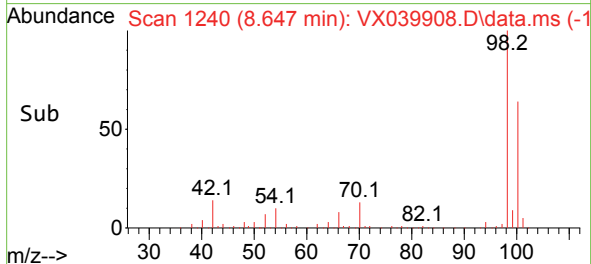
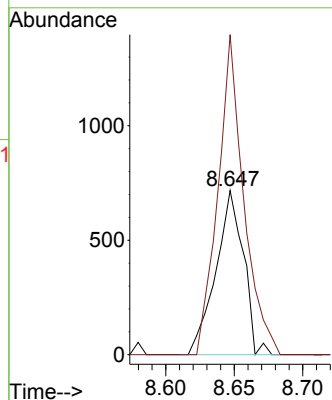
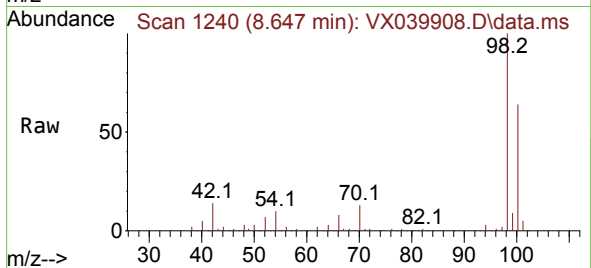
BP-VPB-191-GW-420-422

Tgt Ion: 43 Resp: 1004

Ion Ratio Lower Upper

43 100

58 182.4 30.4 45.6#



#62

4-Bromofluorobenzene

Concen: 48.398 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX039908.D

Acq: 23 Jan 2024 14:25

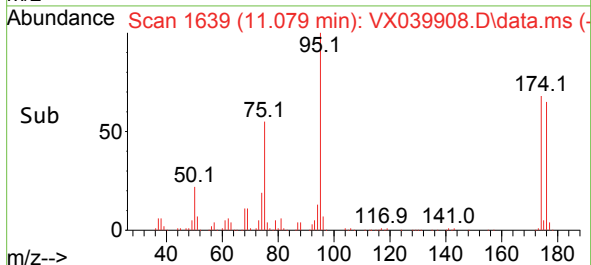
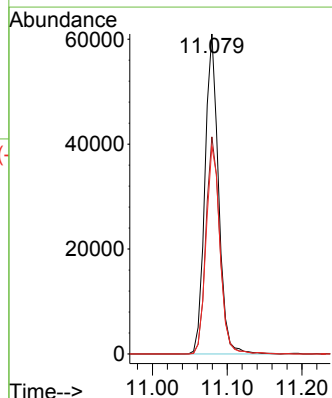
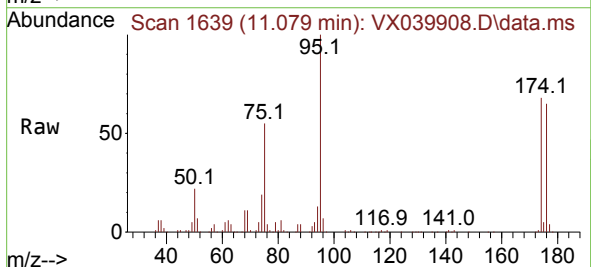
Tgt Ion: 95 Resp: 76870

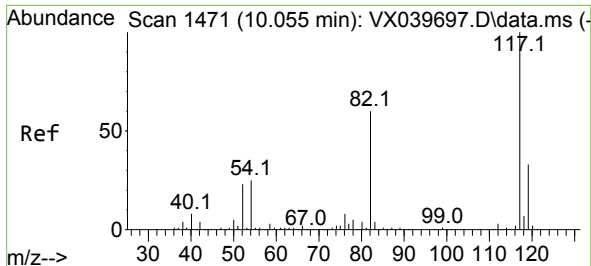
Ion Ratio Lower Upper

95 100

174 69.1 0.0 135.6

176 66.4 0.0 131.0

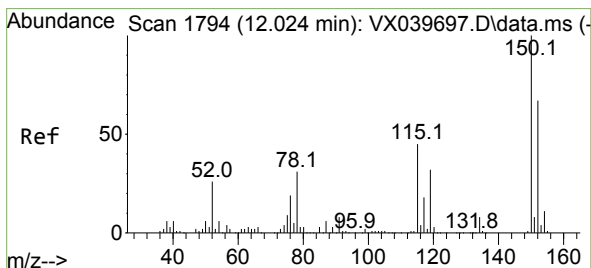
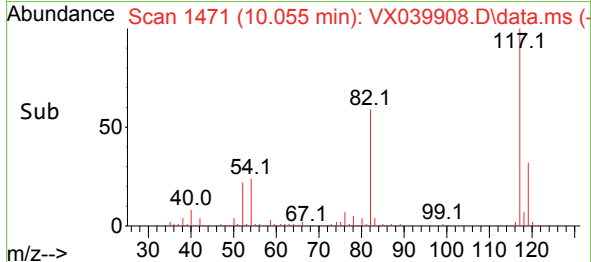
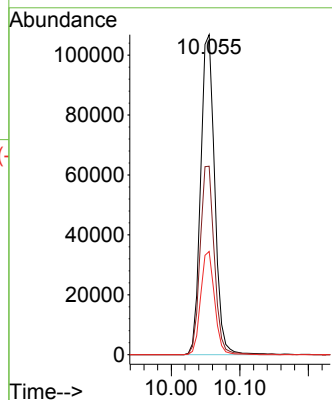
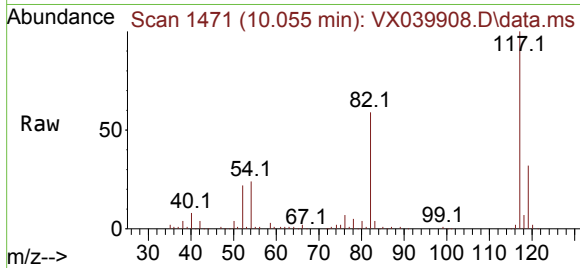




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX039908.D
Acq: 23 Jan 2024 14:25

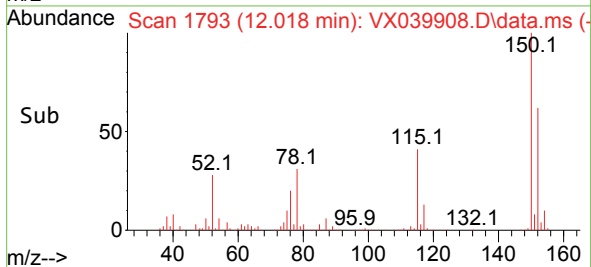
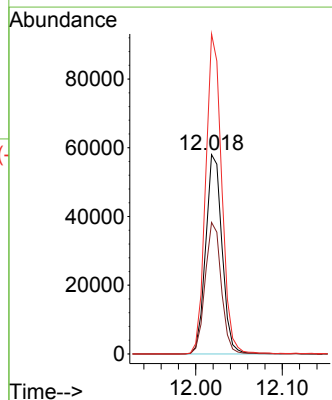
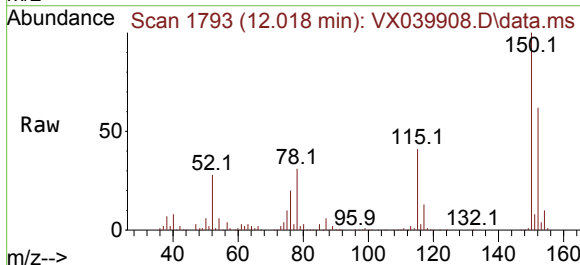
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-191-GW-420-422

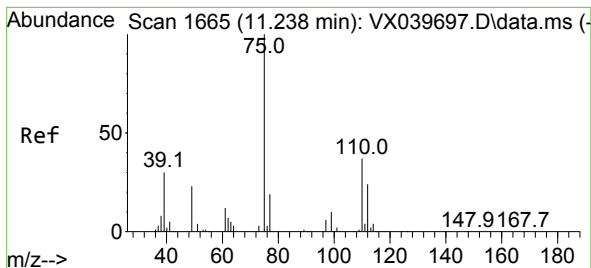
Tgt Ion:117 Resp: 152794
Ion Ratio Lower Upper
117 100
82 58.9 46.2 69.4
119 32.2 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VX039908.D
Acq: 23 Jan 2024 14:25

Tgt Ion:152 Resp: 76068
Ion Ratio Lower Upper
152 100
115 65.1 43.3 129.9
150 157.4 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 21.667 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX039908.D

Acq: 23 Jan 2024 14:25

Instrument :

MSVOA_X

ClientSampleId :

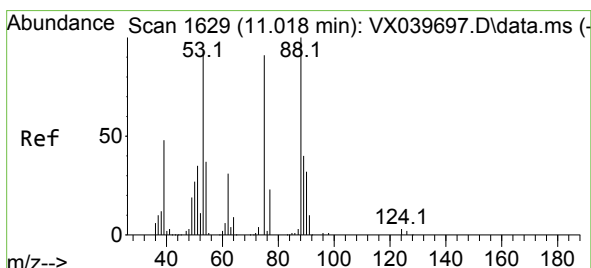
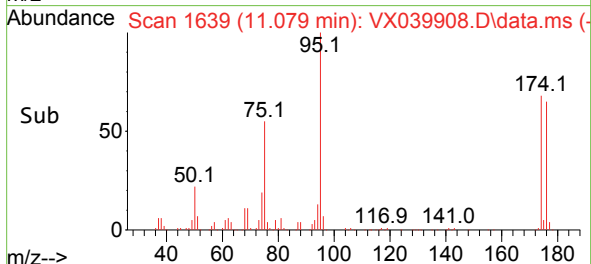
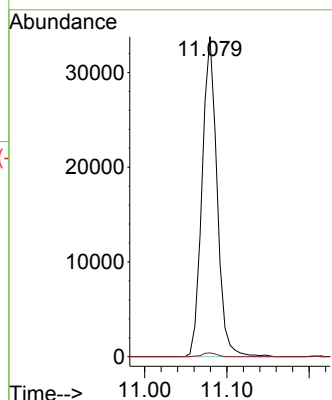
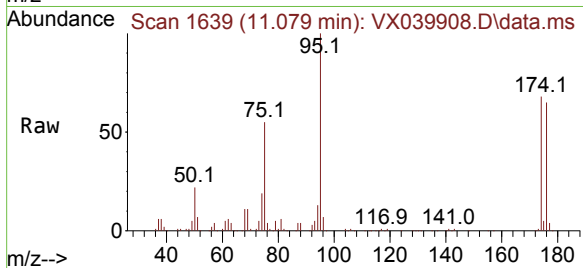
BP-VPB-191-GW-420-422

Tgt Ion: 75 Resp: 42731

Ion Ratio Lower Upper

75 100

77 1.1 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 62.986 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX039908.D

Acq: 23 Jan 2024 14:25

Tgt Ion: 75 Resp: 42731

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

