

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012224\
 Data File : VX039889.D
 Acq On : 22 Jan 2024 17:16
 Operator : JC/MD
 Sample : P1215-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-195-GW-360-362

Quant Time: Jan 23 00:19:48 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)

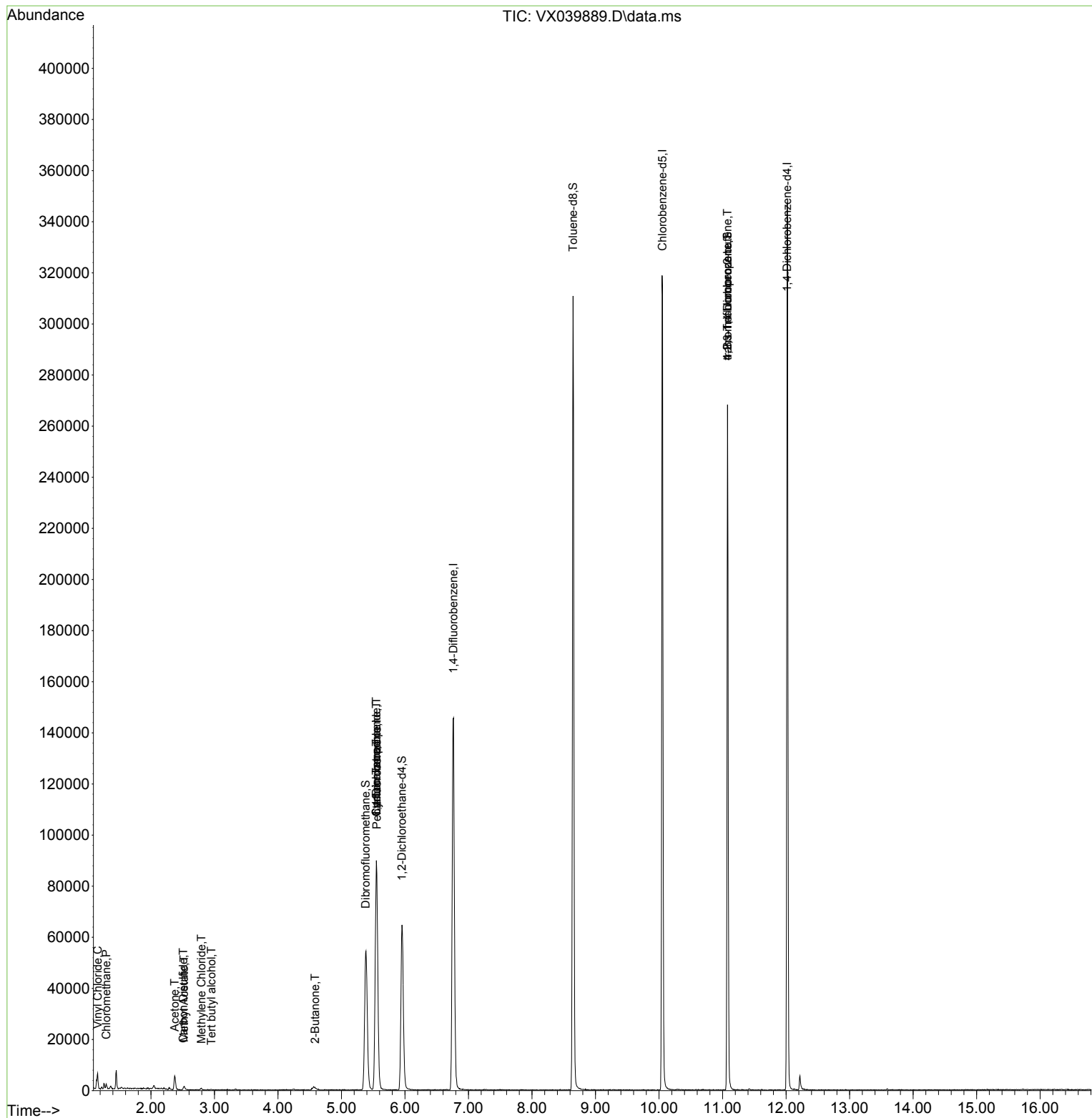
Internal Standards						
1) Pentafluorobenzene	5.556	168	77854	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	144782	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	138745	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	65910	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	62457	47.890	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	95.780%		
35) Dibromofluoromethane	5.379	113	48054	49.278	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.560%		
50) Toluene-d8	8.647	98	178972	48.661	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.320%		
62) 4-Bromofluorobenzene	11.079	95	69069	48.023	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	96.040%		
Target Compounds						Qvalue
3) Chloromethane	1.294	50	1194	1.038	ug/l	96
4) Vinyl Chloride	1.160	62	233	0.215	ug/l #	43
11) Tert butyl alcohol	2.953	59	149	0.439	ug/l #	78
16) Acetone	2.373	43	5820	7.935	ug/l	99
17) Carbon Disulfide	2.508	76	691	0.257	ug/l #	76
18) Methyl Acetate	2.520	43	322	0.210	ug/l #	53
20) Methylene Chloride	2.794	84	259	0.233	ug/l #	78
25) 2-Butanone	4.587	43	1007	0.955	ug/l	100
31) Cyclohexane	5.550	56	2252	1.308	ug/l #	12
36) 1,1-Dichloropropene	5.550	75	7303	4.811	ug/l #	50
38) Carbon Tetrachloride	5.550	117	8990	6.467	ug/l #	15
76) 1,2,3-Trichloropropane	11.079	75	38450	22.501	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	38450	65.137	ug/l #	5

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

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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

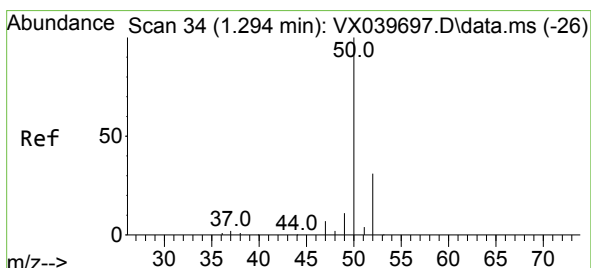
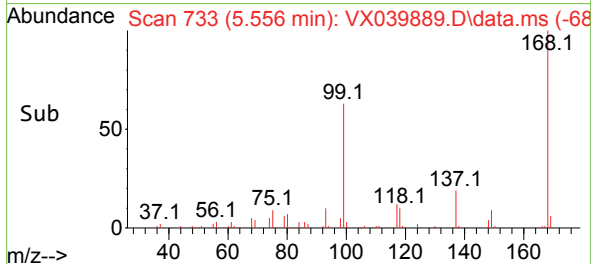
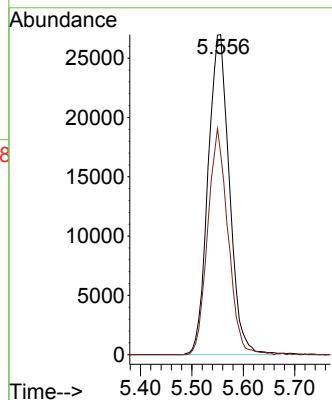
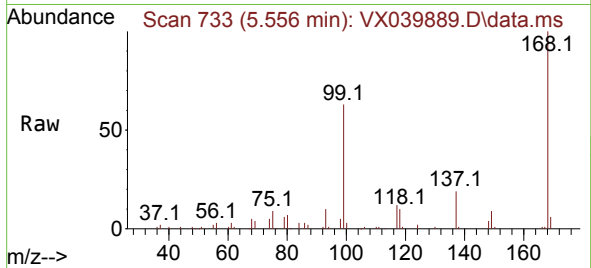




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX039889.D
Acq: 22 Jan 2024 17:16

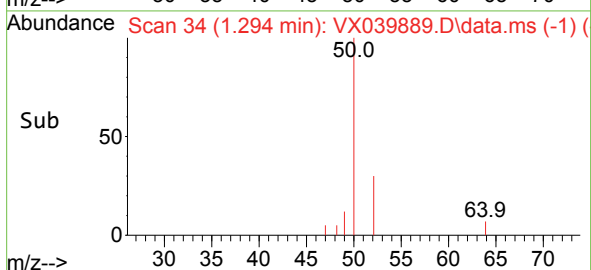
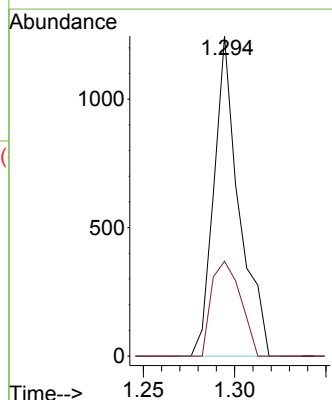
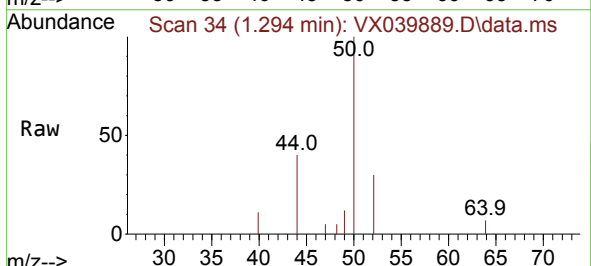
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-195-GW-360-362

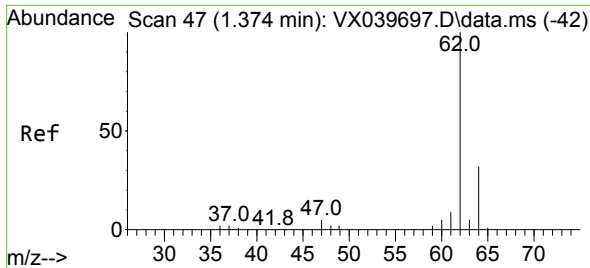
Tgt Ion:168 Resp: 77854
Ion Ratio Lower Upper
168 100
99 62.7 56.6 85.0



#3
Chloromethane
Concen: 1.038 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX039889.D
Acq: 22 Jan 2024 17:16

Tgt Ion: 50 Resp: 1194
Ion Ratio Lower Upper
50 100
52 29.6 25.5 38.3

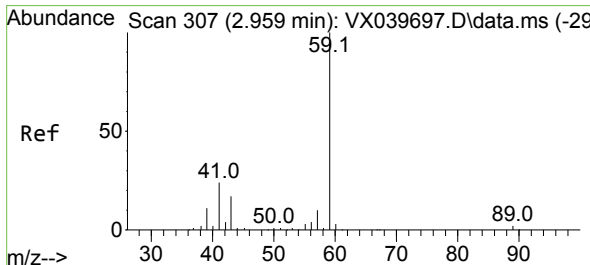
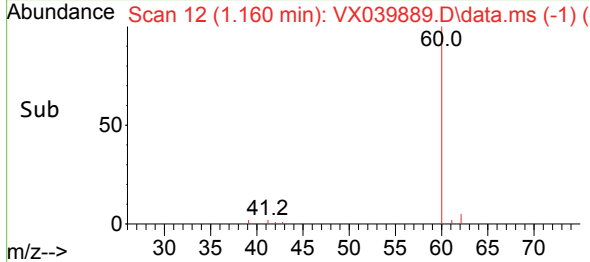
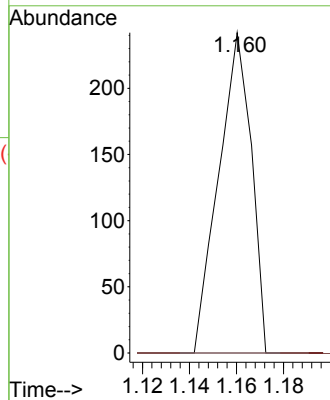
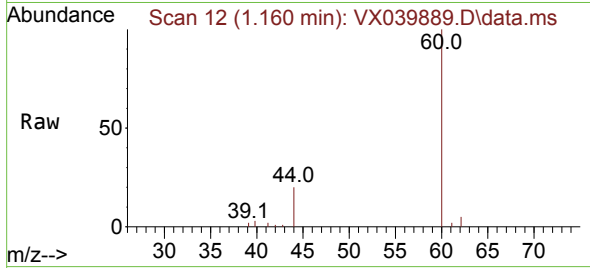




#4
 Vinyl Chloride
 Concen: 0.215 ug/l
 RT: 1.160 min Scan# 11
 Delta R.T. -0.213 min
 Lab File: VX039889.D
 Acq: 22 Jan 2024 17:16

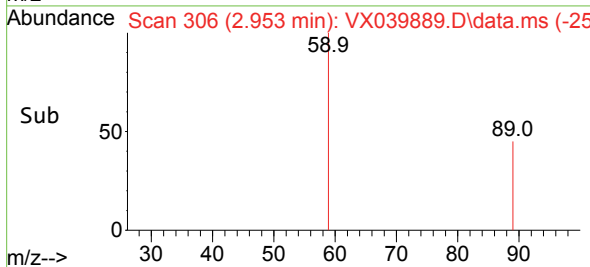
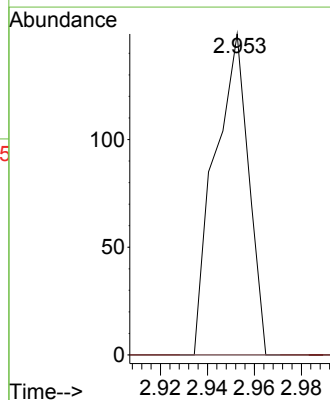
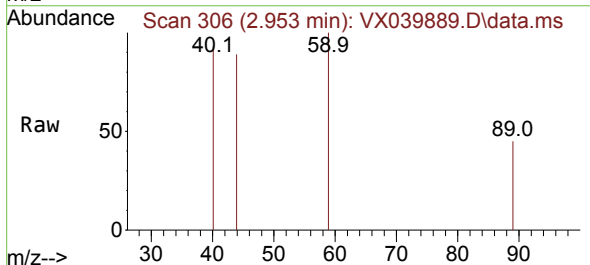
Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-195-GW-360-362

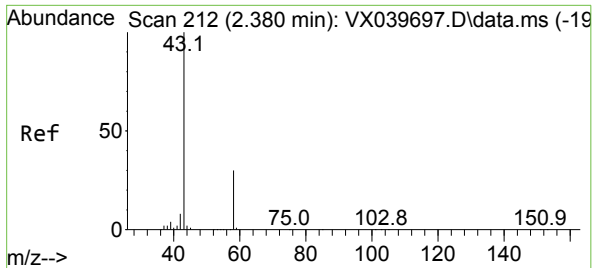
Tgt Ion: 62 Resp: 233
 Ion Ratio Lower Upper
 62 100
 64 0.0 25.4 38.0#



#11
 Tert butyl alcohol
 Concen: 0.439 ug/l
 RT: 2.953 min Scan# 306
 Delta R.T. -0.006 min
 Lab File: VX039889.D
 Acq: 22 Jan 2024 17:16

Tgt Ion: 59 Resp: 149
 Ion Ratio Lower Upper
 59 100
 57 0.0 6.0 9.0#

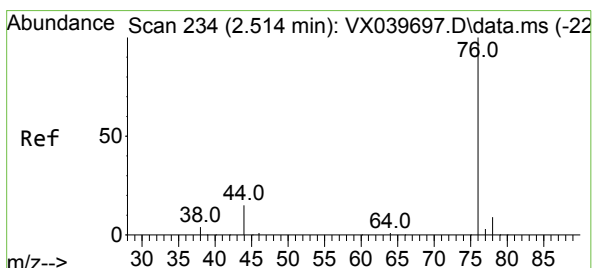
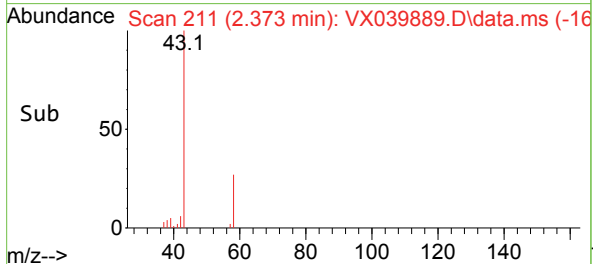
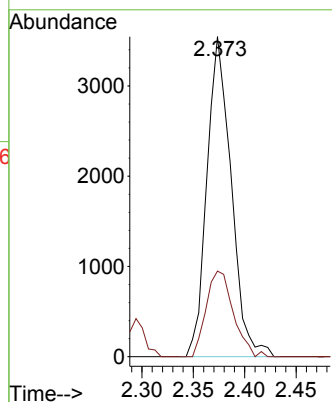
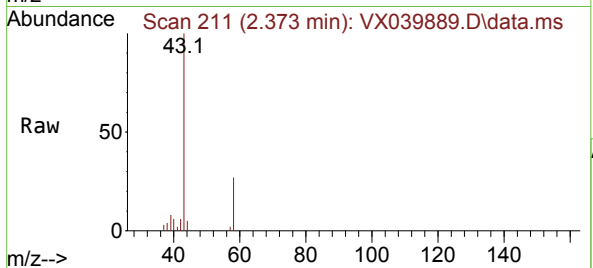




#16
Acetone
Concen: 7.935 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX039889.D
Acq: 22 Jan 2024 17:16

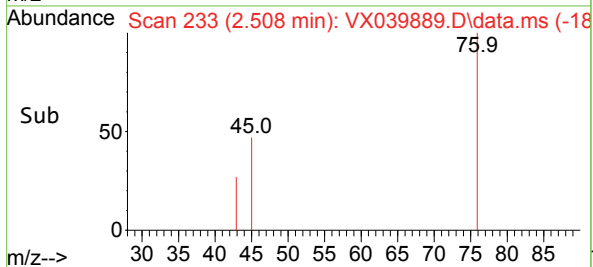
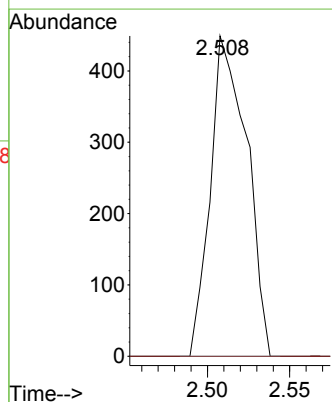
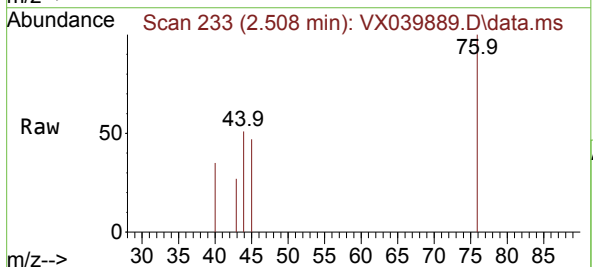
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-195-GW-360-362

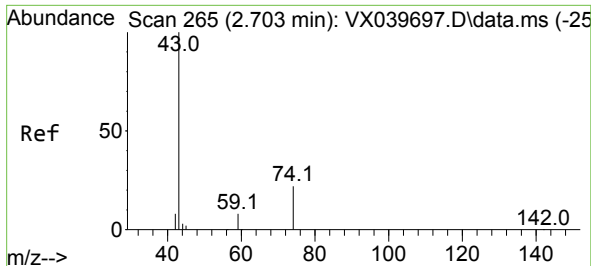
Tgt Ion: 43 Resp: 5820
Ion Ratio Lower Upper
43 100
58 26.7 21.9 32.9



#17
Carbon Disulfide
Concen: 0.257 ug/l
RT: 2.508 min Scan# 233
Delta R.T. -0.006 min
Lab File: VX039889.D
Acq: 22 Jan 2024 17:16

Tgt Ion: 76 Resp: 691
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.6#





#18

Methyl Acetate

Concen: 0.210 ug/l

RT: 2.520 min Scan# 21

Delta R.T. -0.183 min

Lab File: VX039889.D

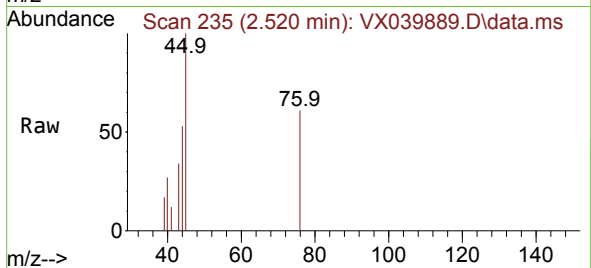
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Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-195-GW-360-362

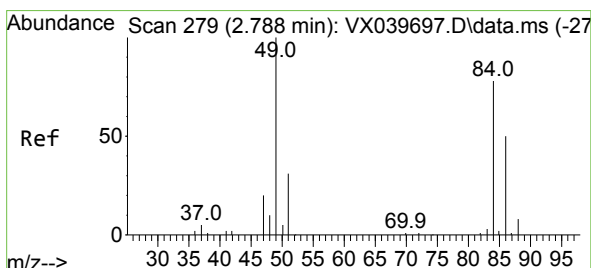
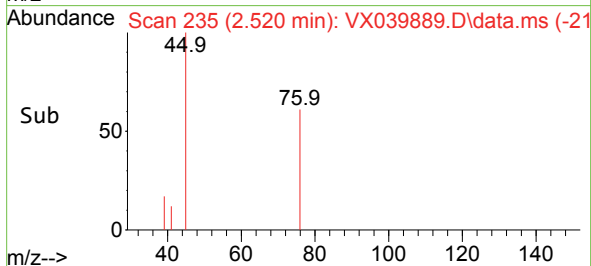
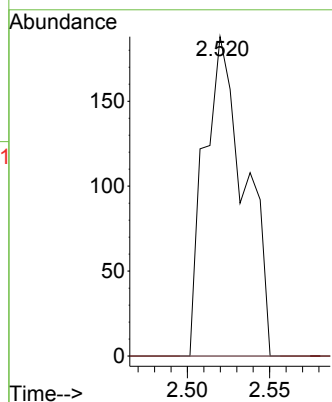


Tgt Ion: 43 Resp: 322

Ion Ratio Lower Upper

43 100

74 0.0 17.8 26.8#



#20

Methylene Chloride

Concen: 0.233 ug/l

RT: 2.794 min Scan# 280

Delta R.T. 0.006 min

Lab File: VX039889.D

Acq: 22 Jan 2024 17:16

Tgt Ion: 84 Resp: 259

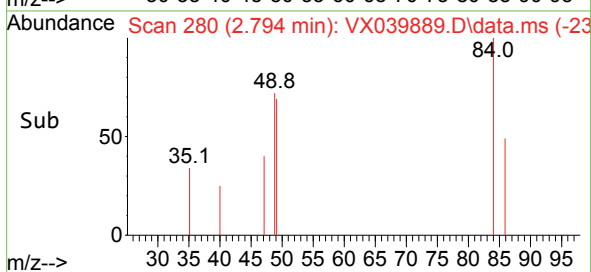
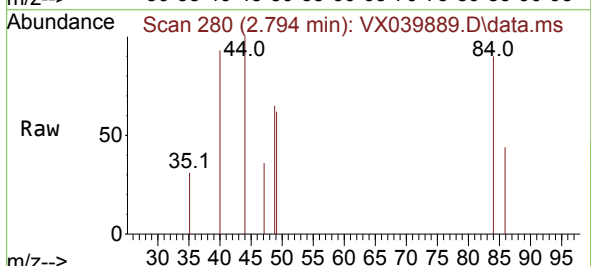
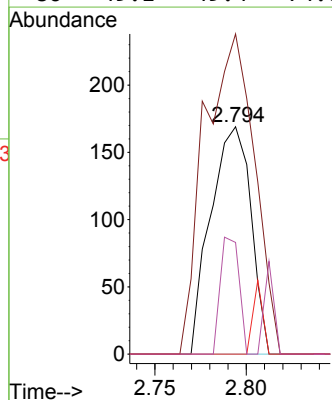
Ion Ratio Lower Upper

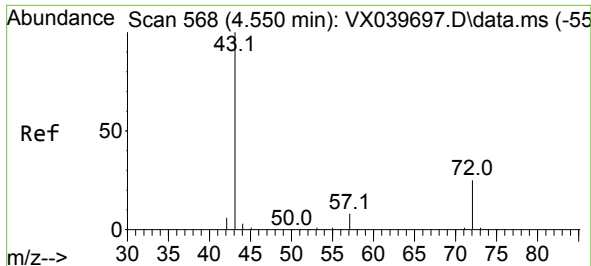
84 100

49 140.8 103.6 155.4

51 0.0 33.8 50.6#

86 49.1 49.4 74.0#

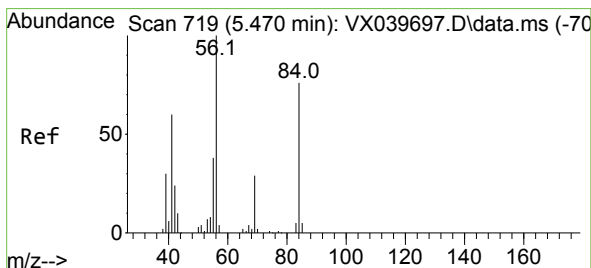
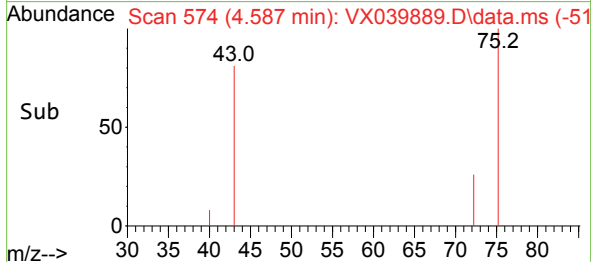
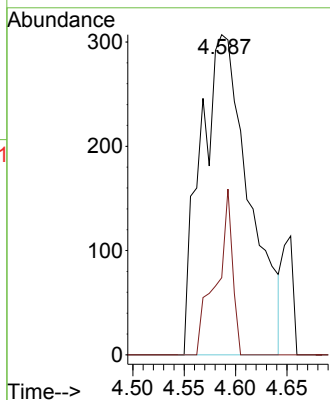
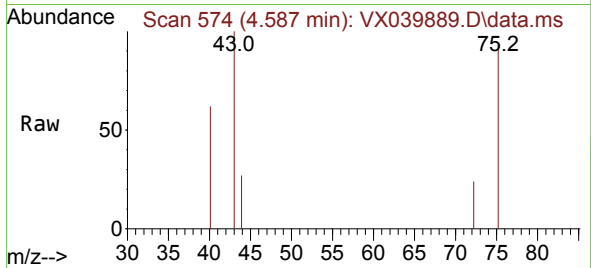




#25
2-Butanone
Concen: 0.955 ug/l
RT: 4.587 min Scan# 51
Delta R.T. 0.037 min
Lab File: VX039889.D
Acq: 22 Jan 2024 17:16

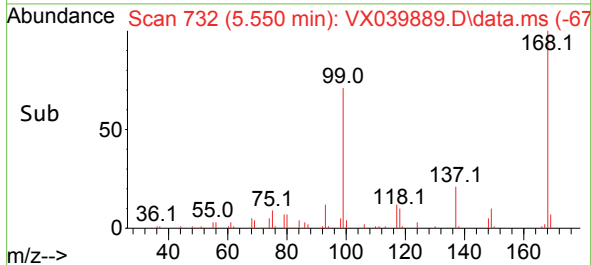
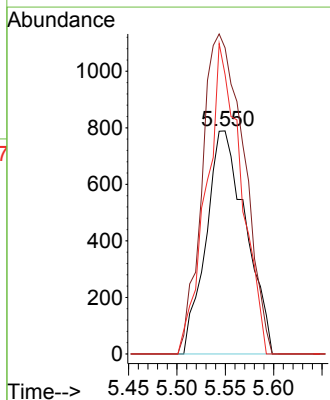
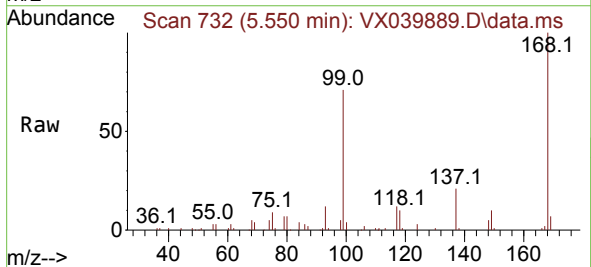
Instrument :
MSVOA_X
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BP-VPB-195-GW-360-362

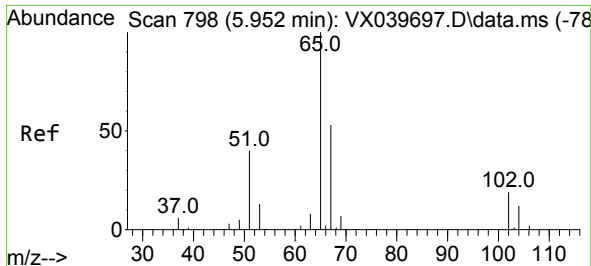
Tgt Ion: 43 Resp: 1007
Ion Ratio Lower Upper
43 100
72 24.1 19.4 29.2



#31
Cyclohexane
Concen: 1.308 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX039889.D
Acq: 22 Jan 2024 17:16

Tgt Ion: 56 Resp: 2252
Ion Ratio Lower Upper
56 100
69 137.3 23.4 35.2#
84 125.2 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 47.890 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX039889.D

Acq: 22 Jan 2024 17:16

Instrument :

MSVOA_X

ClientSampleId :

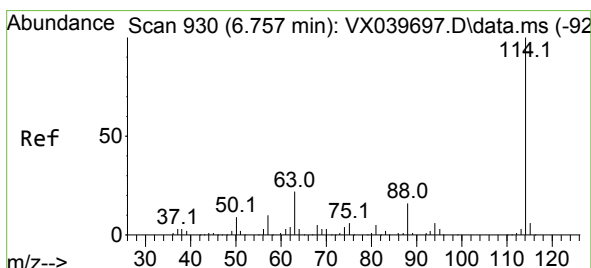
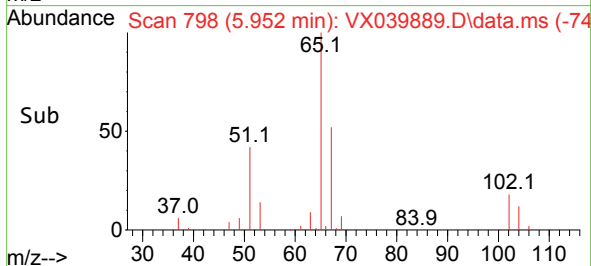
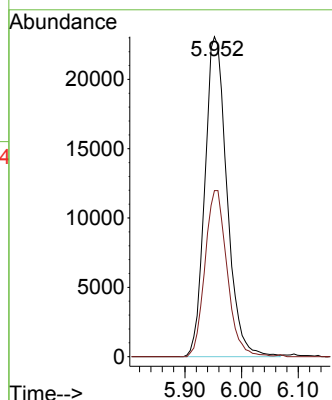
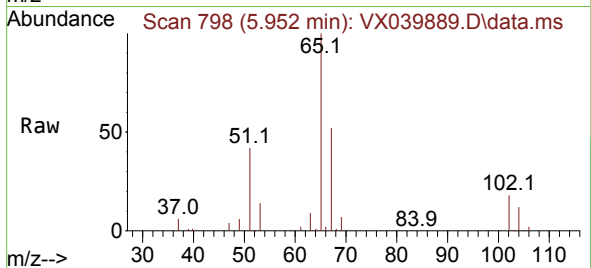
BP-VPB-195-GW-360-362

Tgt Ion: 65 Resp: 62457

Ion Ratio Lower Upper

65 100

67 52.1 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: VX039889.D

Acq: 22 Jan 2024 17:16

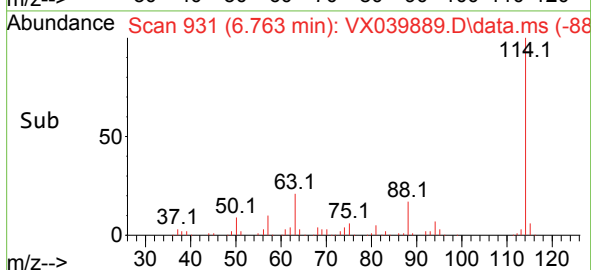
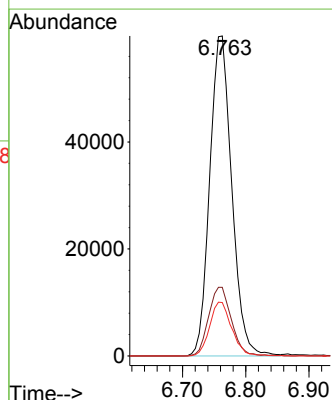
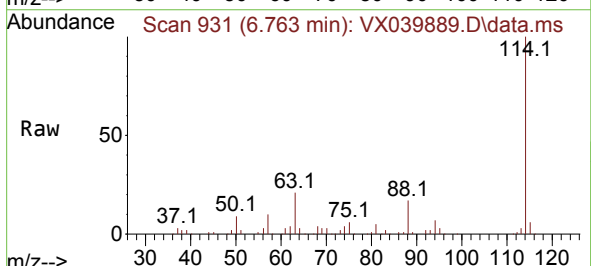
Tgt Ion: 114 Resp: 144782

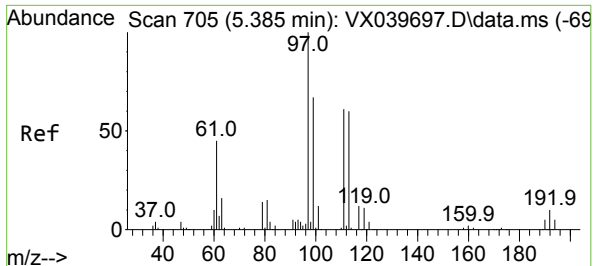
Ion Ratio Lower Upper

114 100

63 21.5 0.0 45.0

88 16.7 0.0 36.6

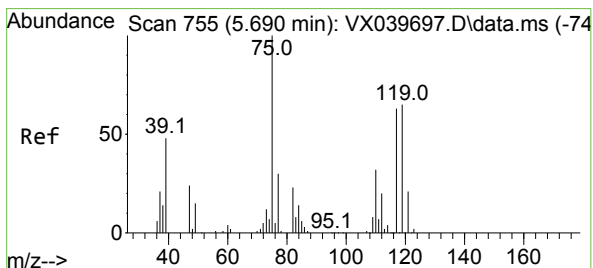
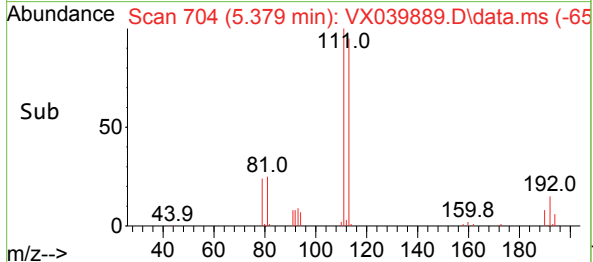
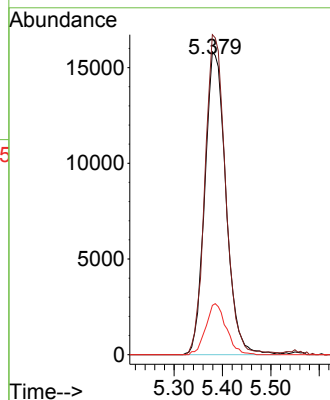
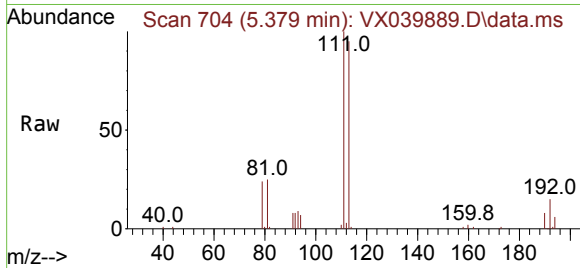




#35
Dibromofluoromethane
Concen: 49.278 ug/l
RT: 5.379 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX039889.D
Acq: 22 Jan 2024 17:16

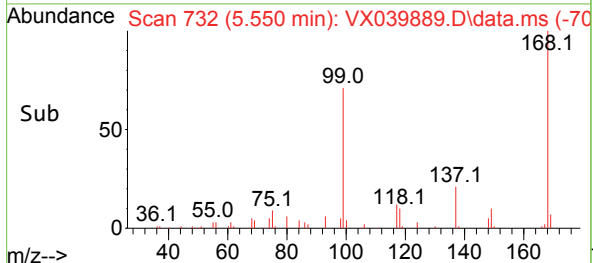
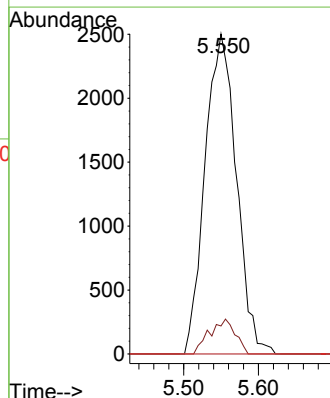
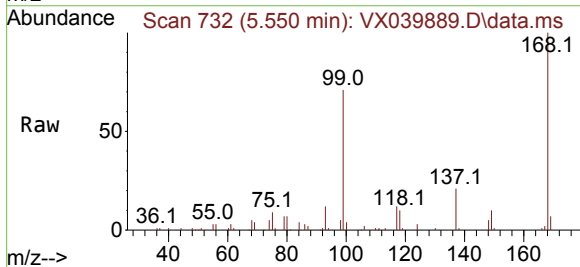
Instrument :
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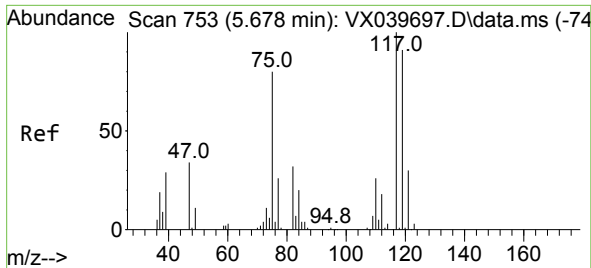
Tgt Ion:113 Resp: 48054
Ion Ratio Lower Upper
113 100
111 103.5 82.9 124.3
192 16.3 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.811 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX039889.D
Acq: 22 Jan 2024 17:16

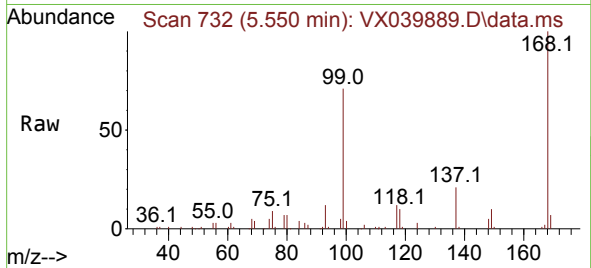
Tgt Ion: 75 Resp: 7303
Ion Ratio Lower Upper
75 100
110 9.0 17.0 50.9#
77 0.0 24.7 37.1#



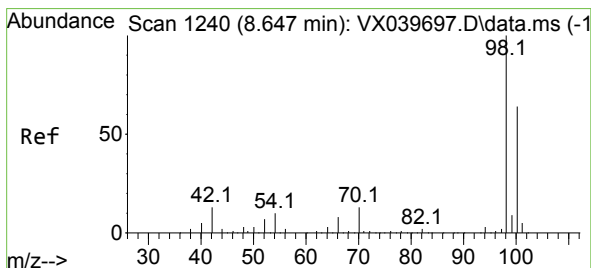
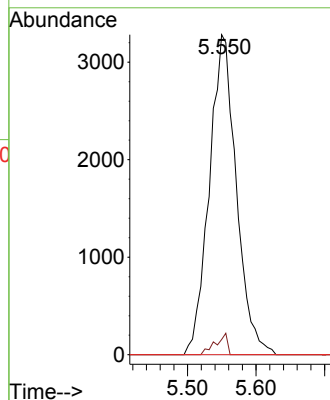
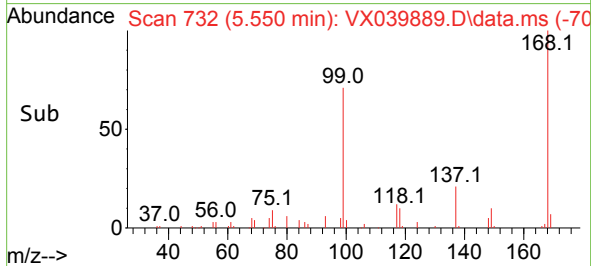


#38
Carbon Tetrachloride
Concen: 6.467 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX039889.D
Acq: 22 Jan 2024 17:16

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-195-GW-360-362

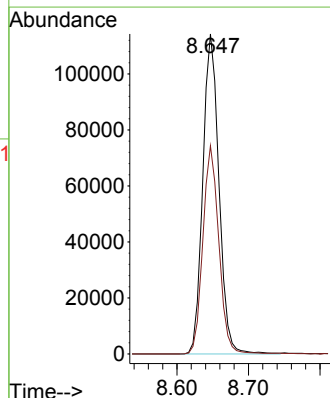
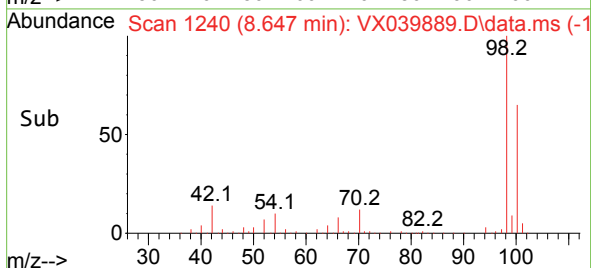
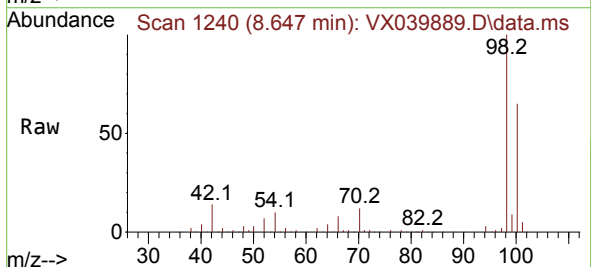


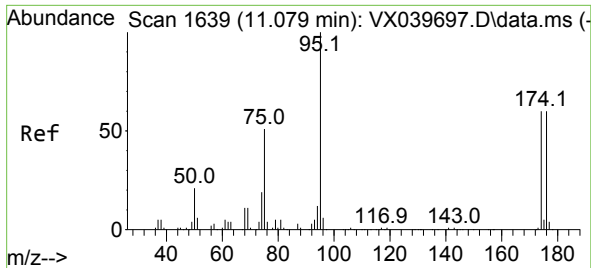
Tgt Ion:117 Resp: 8990
Ion Ratio Lower Upper
117 100
119 4.8 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 48.661 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX039889.D
Acq: 22 Jan 2024 17:16

Tgt Ion: 98 Resp: 178972
Ion Ratio Lower Upper
98 100
100 64.5 53.1 79.7

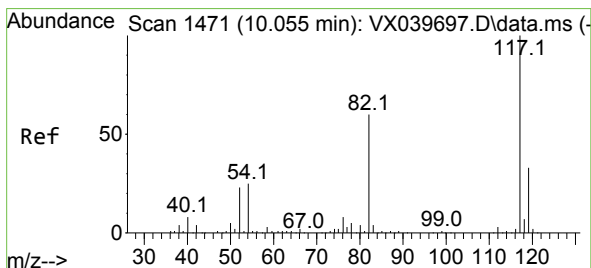
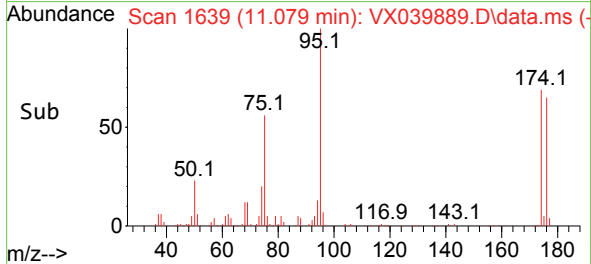
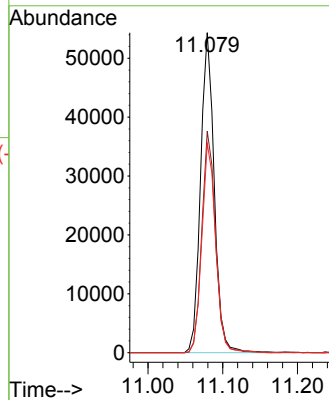
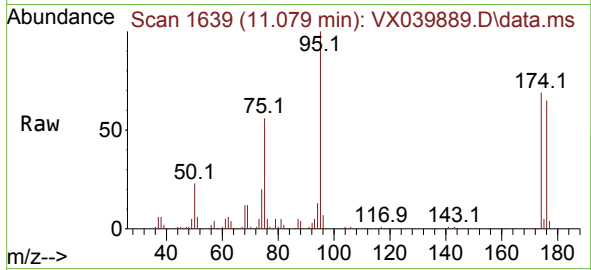




#62
4-Bromofluorobenzene
Concen: 48.023 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX039889.D
Acq: 22 Jan 2024 17:16

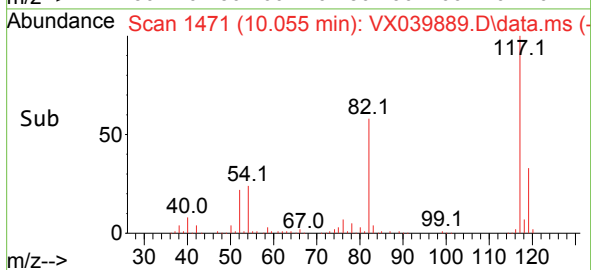
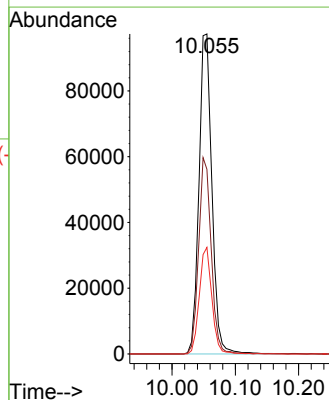
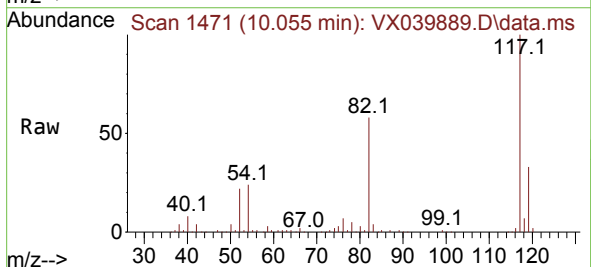
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-195-GW-360-362

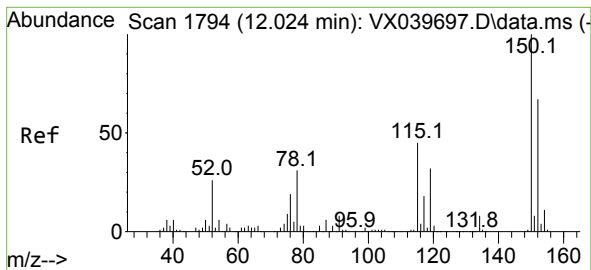
Tgt Ion: 95 Resp: 69069
Ion Ratio Lower Upper
95 100
174 69.2 0.0 135.6
176 66.2 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX039889.D
Acq: 22 Jan 2024 17:16

Tgt Ion: 117 Resp: 138745
Ion Ratio Lower Upper
117 100
82 57.7 46.2 69.4
119 33.3 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX039889.D

Acq: 22 Jan 2024 17:16

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-195-GW-360-362

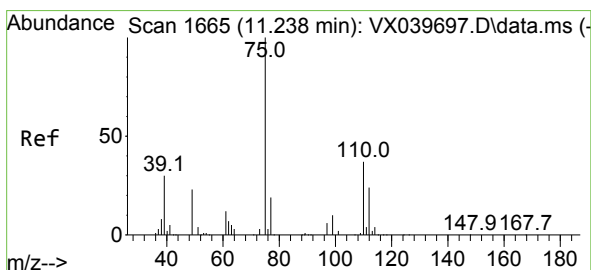
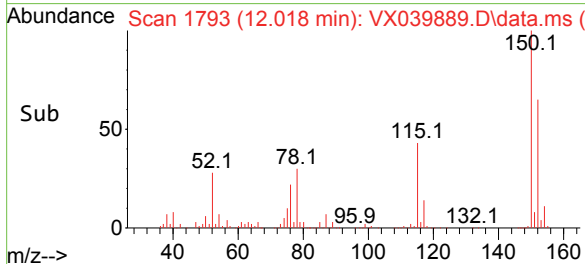
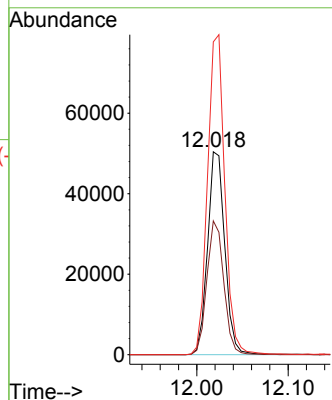
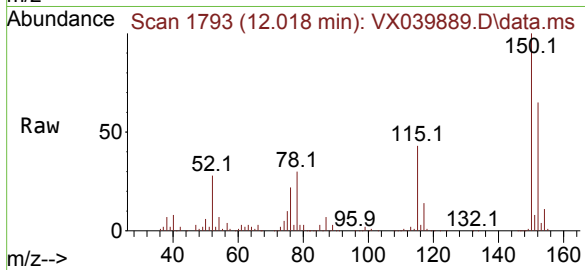
Tgt Ion:152 Resp: 65910

Ion Ratio Lower Upper

152 100

115 64.8 43.3 129.9

150 158.6 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 22.501 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX039889.D

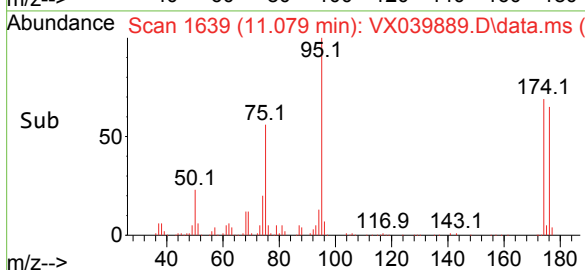
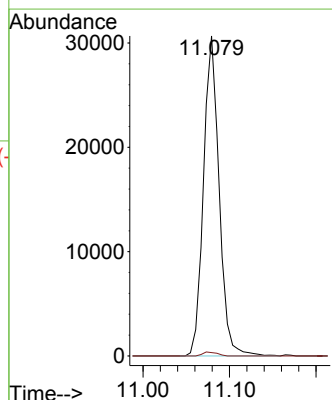
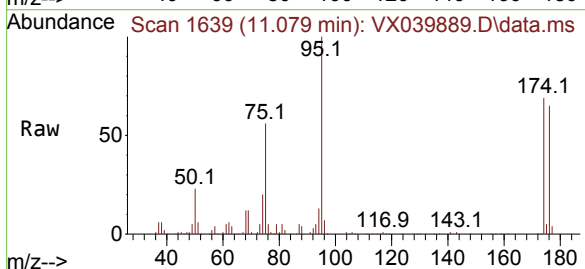
Acq: 22 Jan 2024 17:16

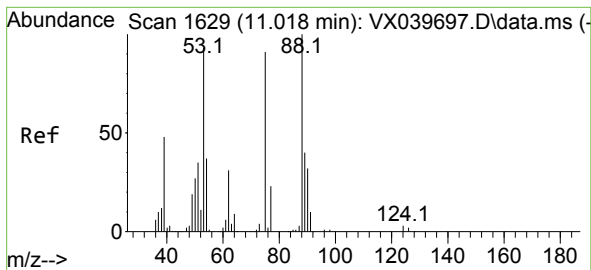
Tgt Ion: 75 Resp: 38450

Ion Ratio Lower Upper

75 100

77 1.1 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 65.137 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX039889.D
 Acq: 22 Jan 2024 17:16

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-195-GW-360-362

Tgt Ion: 75 Resp: 38450
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

