

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020224\
 Data File : VX040086.D
 Acq On : 02 Feb 2024 14:53
 Operator : JC/MD
 Sample : P1343-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-195-GW-620-622

Quant Time: Feb 03 02:16:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X013024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 01 05:44:39 2024
 Response via : Initial Calibration

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

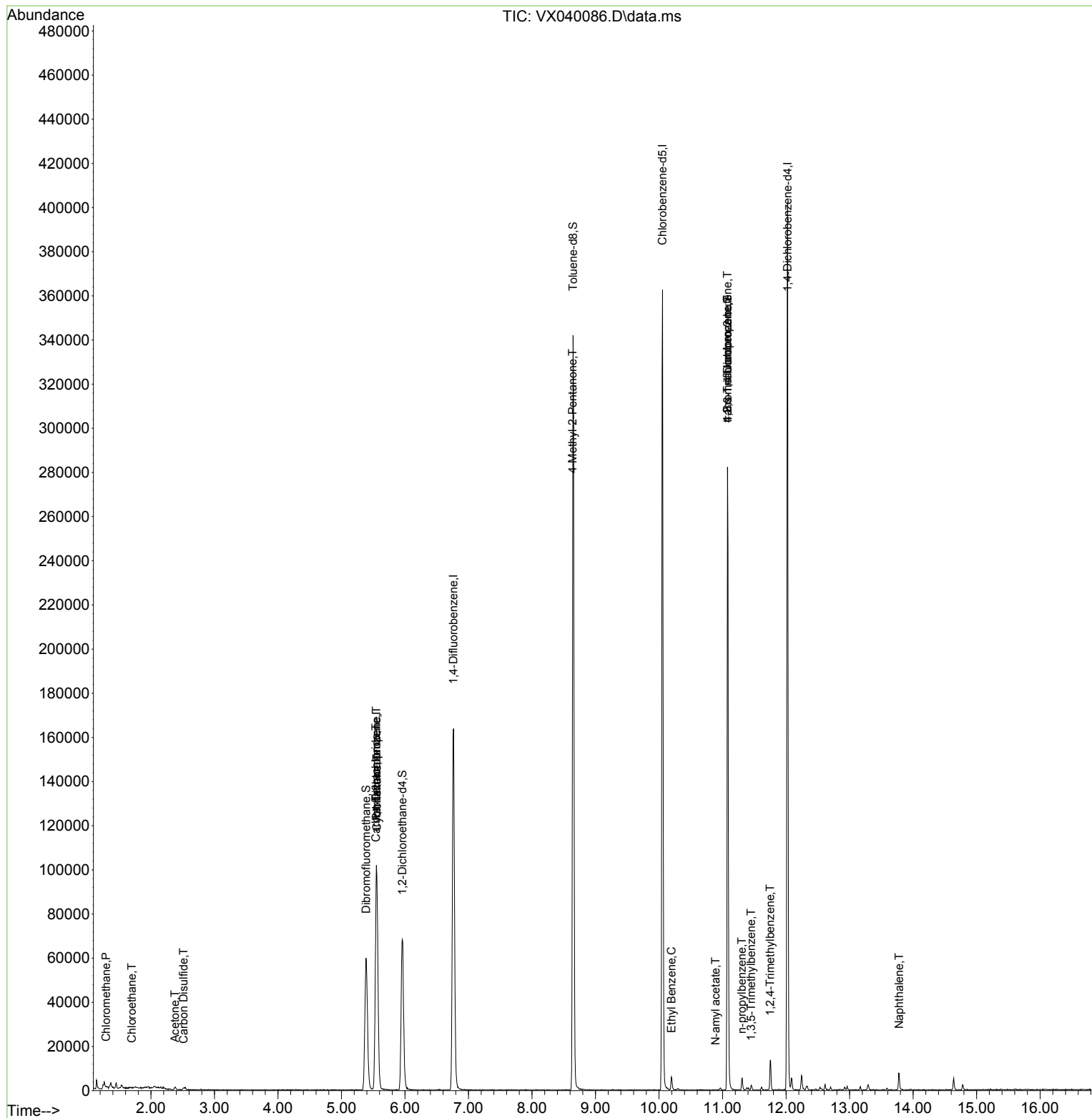
Internal Standards						
1) Pentafluorobenzene	5.550	168	90771	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	163307	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	155422	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	76897	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	66569	45.569	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	91.140%
35) Dibromofluoromethane	5.385	113	51304	46.150	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.300%
50) Toluene-d8	8.647	98	199479	47.982	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.960%
62) 4-Bromofluorobenzene	11.079	95	74148	46.319	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.640%
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	333	0.343	ug/l #	43
6) Chloroethane	1.697	64	132	0.223	ug/l #	43
16) Acetone	2.380	43	1328	1.940	ug/l #	88
17) Carbon Disulfide	2.514	76	1173	0.393	ug/l #	76
31) Cyclohexane	5.556	56	2397	1.310	ug/l #	48
36) 1,1-Dichloropropene	5.550	75	8068	5.018	ug/l #	48
38) Carbon Tetrachloride	5.544	117	9968	6.480	ug/l #	16
51) 4-Methyl-2-Pentanone	8.641	43	1132	0.599	ug/l #	1
67) Ethyl Benzene	10.195	91	3530	0.612	ug/l	100
74) N-amyl acetate	10.890	43	19	0.206	ug/l #	44
76) 1,2,3-Trichloropropane	11.079	75	39951	24.397	ug/l #	38
78) n-propylbenzene	11.305	91	3929	0.578	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	1092	0.230	ug/l	88
81) trans-1,4-Dichloro-2-b...	11.079	75	39951	72.419	ug/l #	5
84) 1,2,4-Trimethylbenzene	11.750	105	6502	1.373	ug/l	95
95) Naphthalene	13.780	128	5335	1.014	ug/l	99

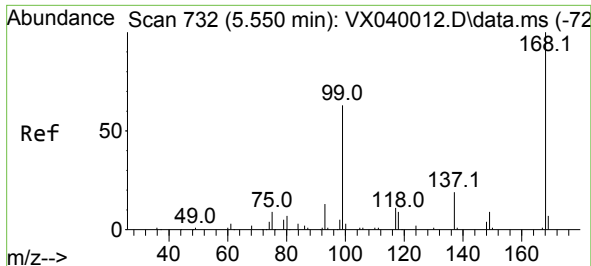
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Feb 03 02:16:53 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X013024W.M
Quant Title : SW846 8260
QLast Update : Thu Feb 01 05:44:39 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: VX040086.D

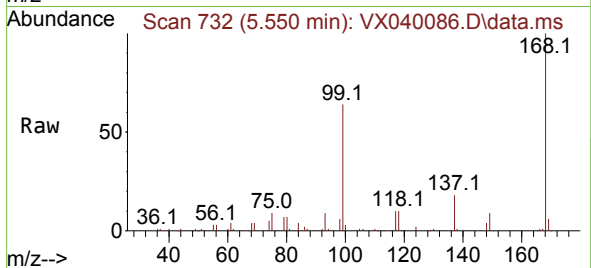
Acq: 02 Feb 2024 14:53

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-195-GW-620-622

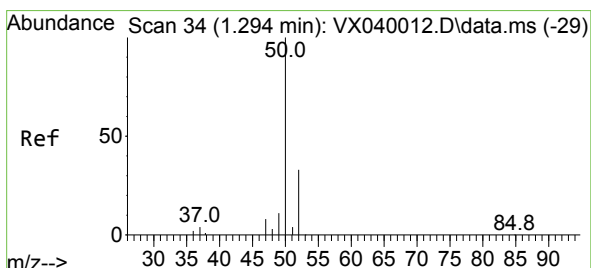
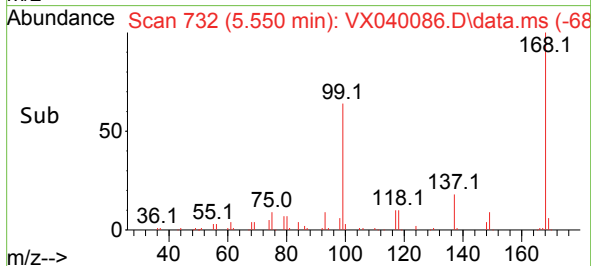
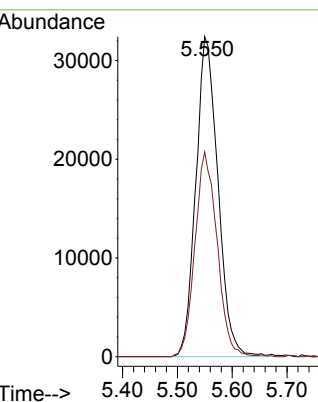


Tgt Ion:168 Resp: 90771

Ion Ratio Lower Upper

168 100

99 63.9 56.6 85.0



#3

Chloromethane

Concen: 0.343 ug/l

RT: 1.294 min Scan# 34

Delta R.T. -0.000 min

Lab File: VX040086.D

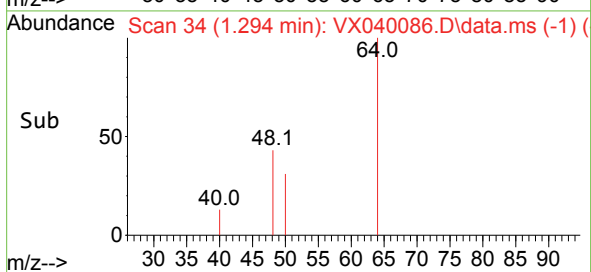
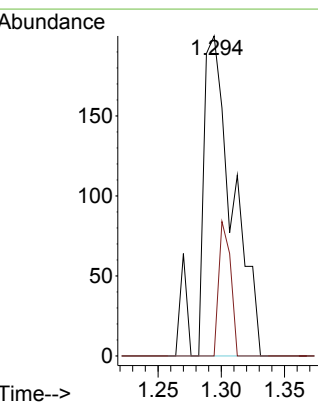
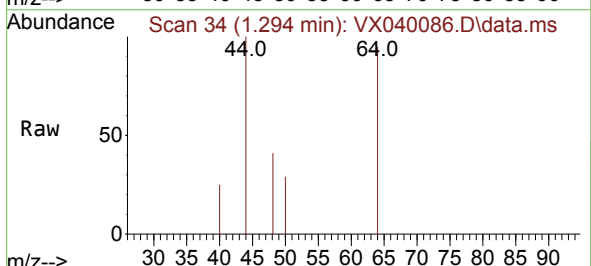
Acq: 02 Feb 2024 14:53

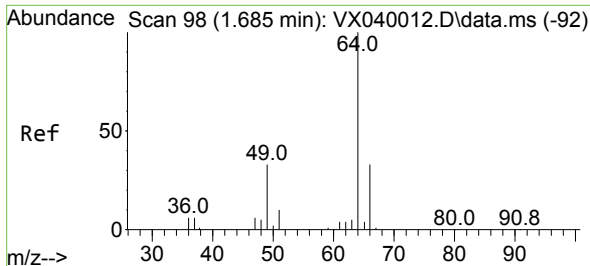
Tgt Ion: 50 Resp: 333

Ion Ratio Lower Upper

50 100

52 0.0 25.5 38.3#

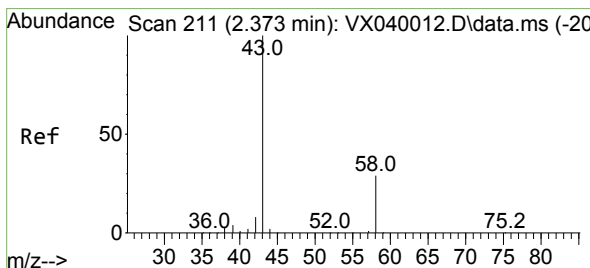
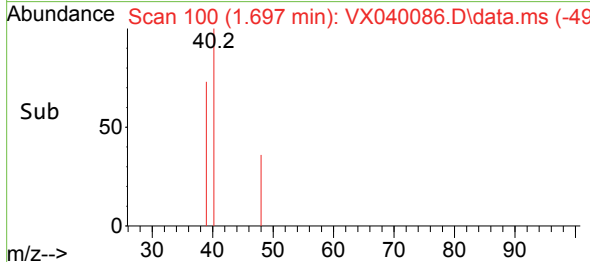
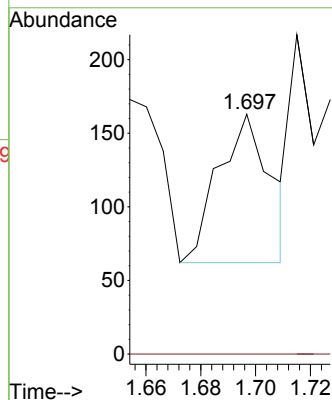
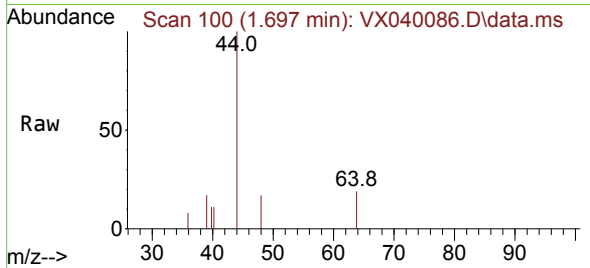




#6
Chloroethane
Concen: 0.223 ug/l
RT: 1.697 min Scan# 100
Delta R.T. 0.012 min
Lab File: VX040086.D
Acq: 02 Feb 2024 14:53

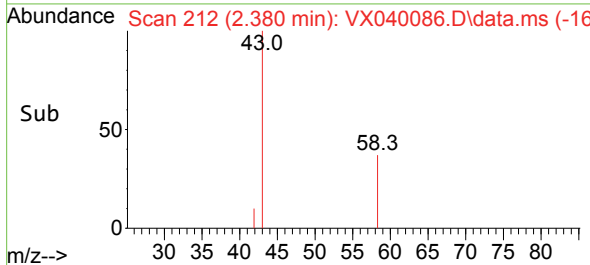
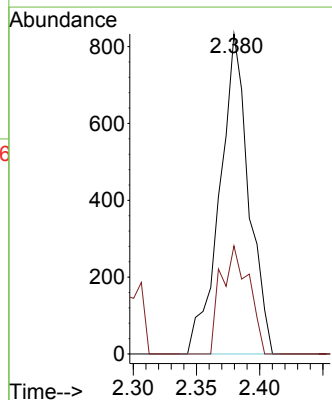
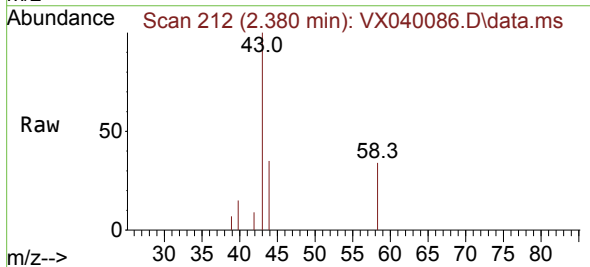
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-195-GW-620-622

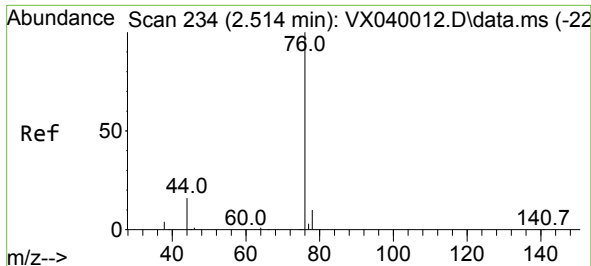
Tgt Ion: 64 Resp: 132
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



#16
Acetone
Concen: 1.940 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX040086.D
Acq: 02 Feb 2024 14:53

Tgt Ion: 43 Resp: 1328
Ion Ratio Lower Upper
43 100
58 33.7 21.9 32.9#

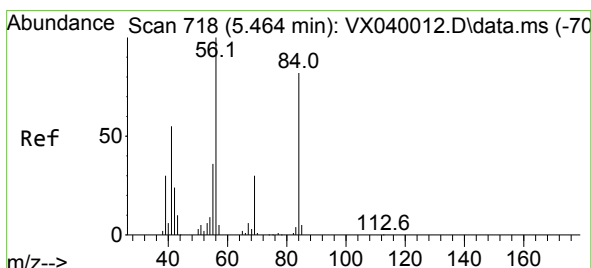
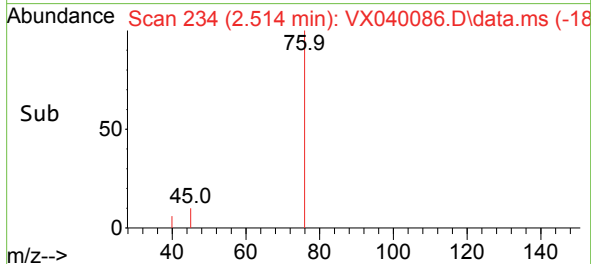
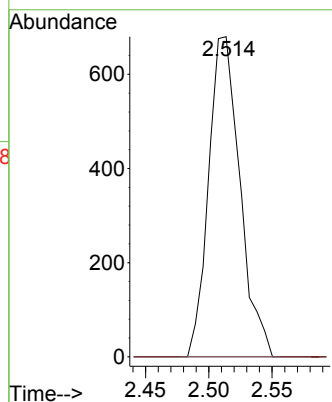
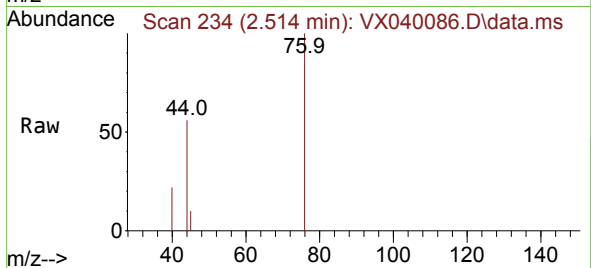




#17
Carbon Disulfide
Concen: 0.393 ug/l
RT: 2.514 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX040086.D
Acq: 02 Feb 2024 14:53

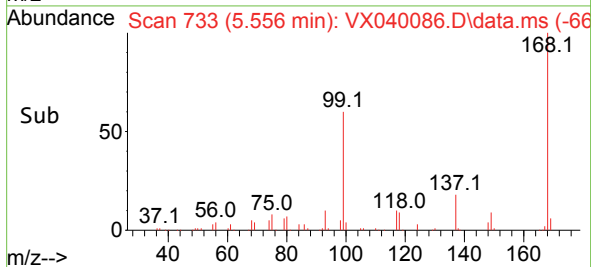
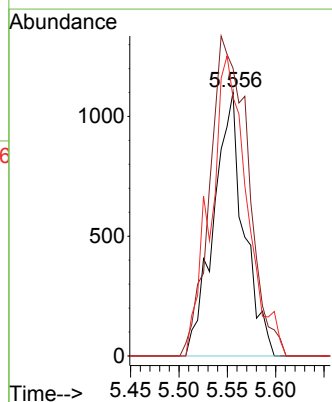
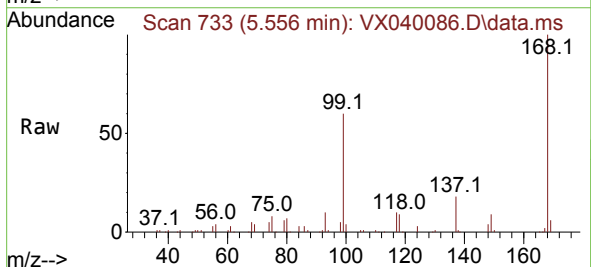
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-195-GW-620-622

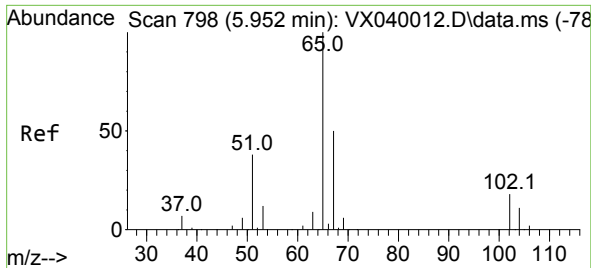
Tgt Ion: 76 Resp: 1173
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.6#



#31
Cyclohexane
Concen: 1.310 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.091 min
Lab File: VX040086.D
Acq: 02 Feb 2024 14:53

Tgt Ion: 56 Resp: 2397
Ion Ratio Lower Upper
56 100
69 109.2 23.4 35.2#
84 98.1 65.9 98.9

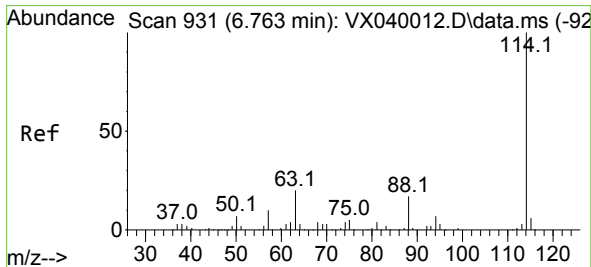
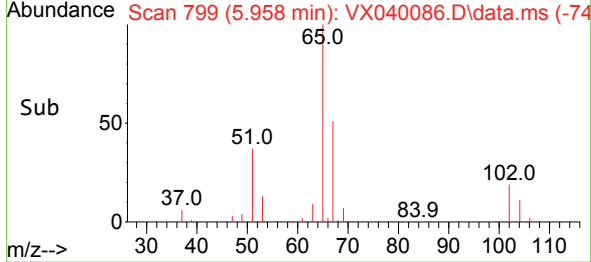
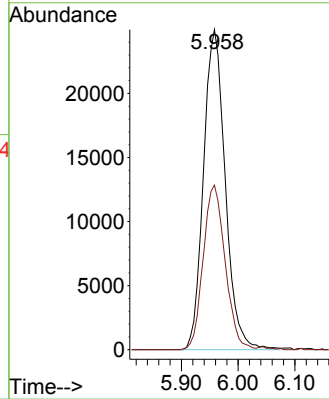
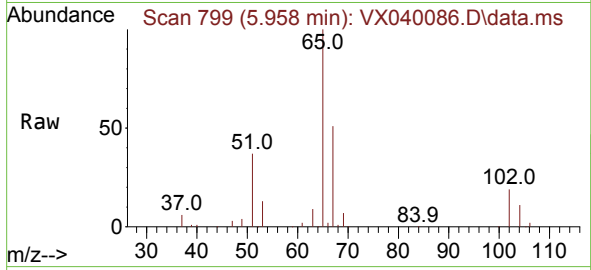




#33
 1,2-Dichloroethane-d4
 Concen: 45.569 ug/l
 RT: 5.958 min Scan# 798
 Delta R.T. 0.006 min
 Lab File: VX040086.D
 Acq: 02 Feb 2024 14:53

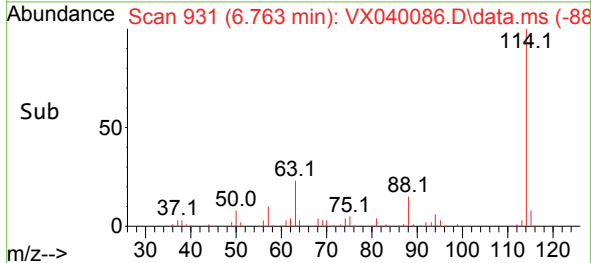
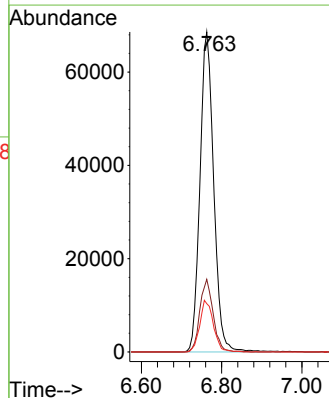
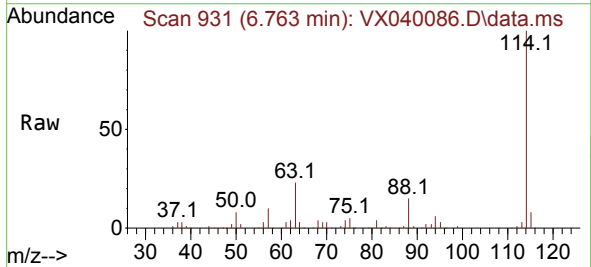
Instrument :
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 ClientSampleId :
 BP-VPB-195-GW-620-622

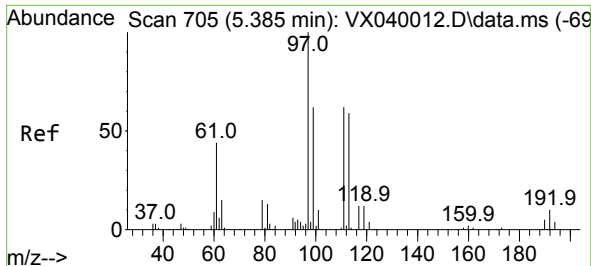
Tgt Ion: 65 Resp: 66569
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX040086.D
 Acq: 02 Feb 2024 14:53

Tgt Ion: 114 Resp: 163307
 Ion Ratio Lower Upper
 114 100
 63 22.7 0.0 45.0
 88 15.1 0.0 36.6

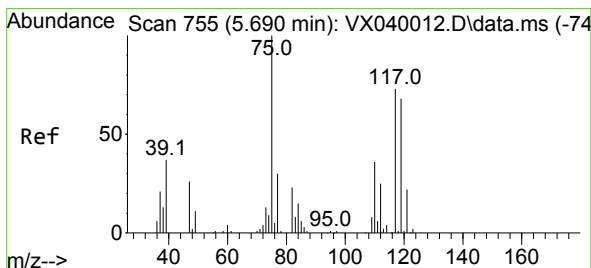
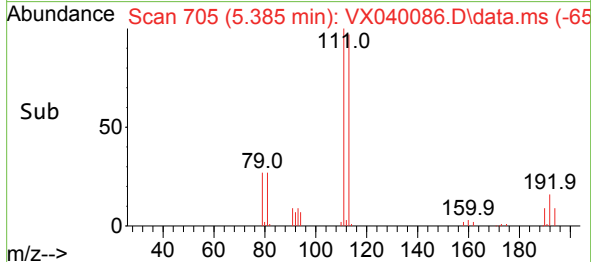
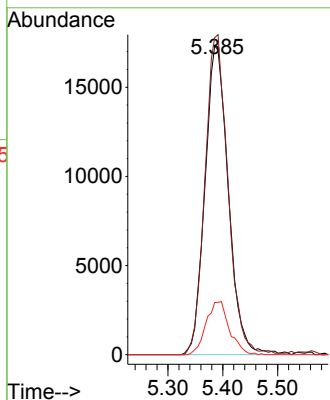
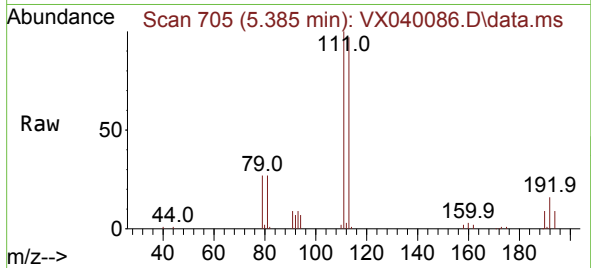




#35
Dibromofluoromethane
Concen: 46.150 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX040086.D
Acq: 02 Feb 2024 14:53

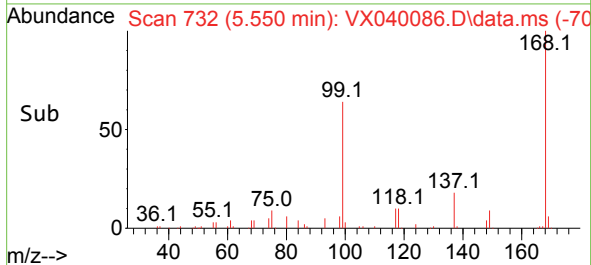
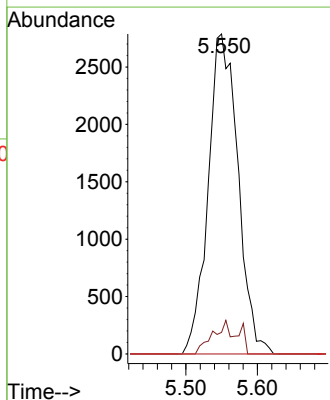
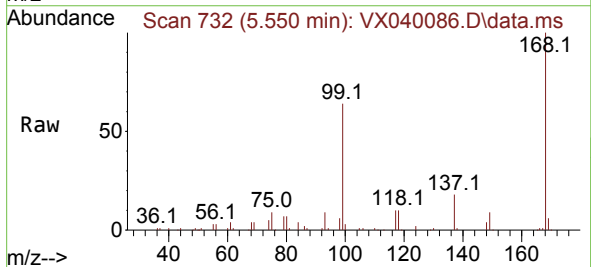
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BP-VPB-195-GW-620-622

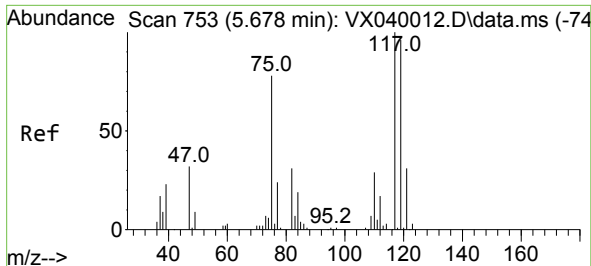
Tgt Ion:113 Resp: 51304
Ion Ratio Lower Upper
113 100
111 101.9 82.9 124.3
192 17.1 13.3 19.9



#36
1,1-Dichloropropene
Concen: 5.018 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX040086.D
Acq: 02 Feb 2024 14:53

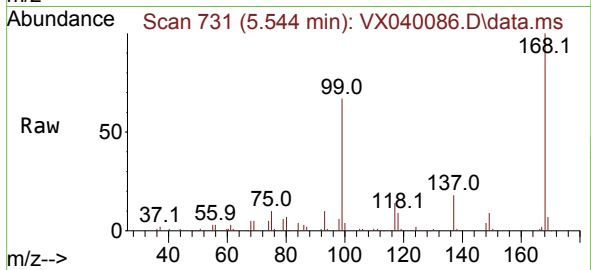
Tgt Ion: 75 Resp: 8068
Ion Ratio Lower Upper
75 100
110 6.5 17.0 50.9#
77 0.0 24.7 37.1#



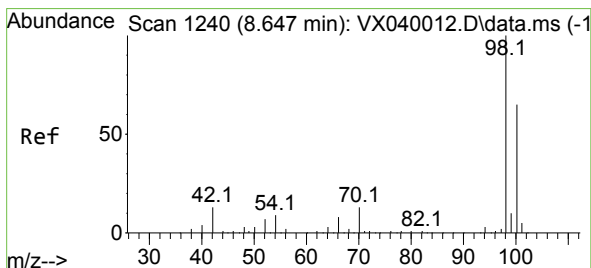
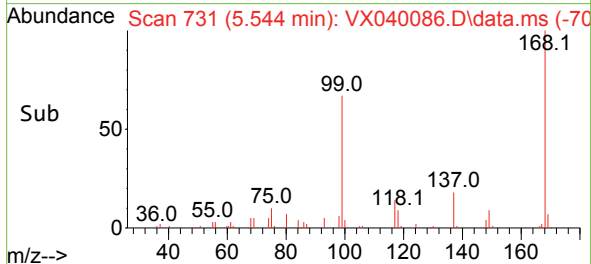
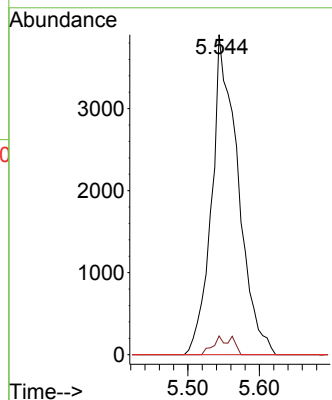


#38
Carbon Tetrachloride
Concen: 6.480 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX040086.D
Acq: 02 Feb 2024 14:53

Instrument :
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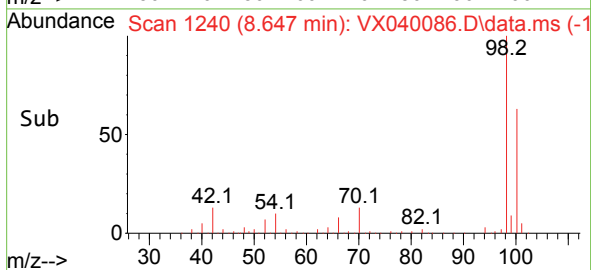
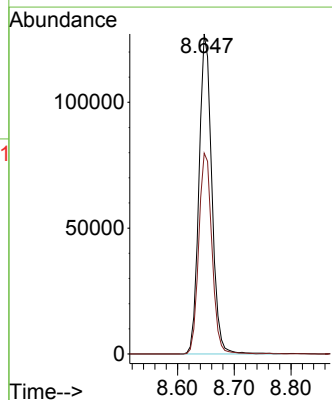
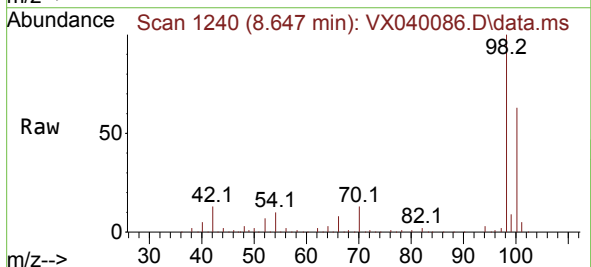


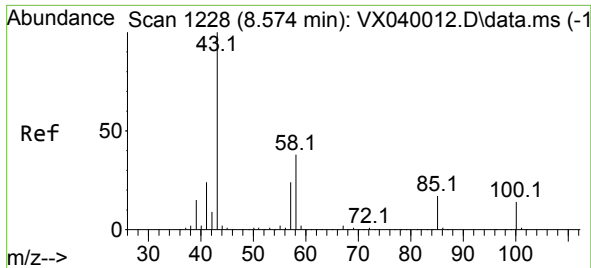
Tgt Ion:117 Resp: 9968
Ion Ratio Lower Upper
117 100
119 5.9 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 47.982 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX040086.D
Acq: 02 Feb 2024 14:53

Tgt Ion: 98 Resp: 199479
Ion Ratio Lower Upper
98 100
100 64.5 53.1 79.7

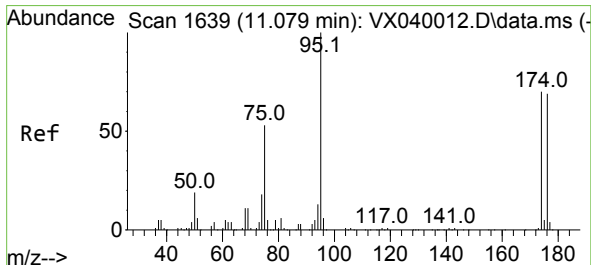
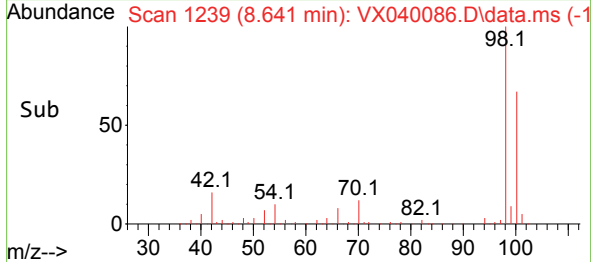
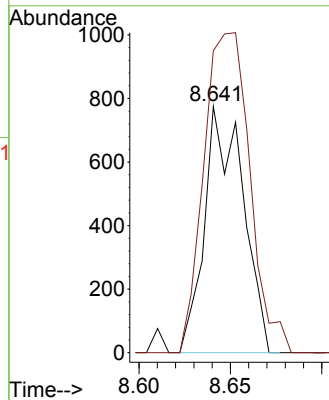
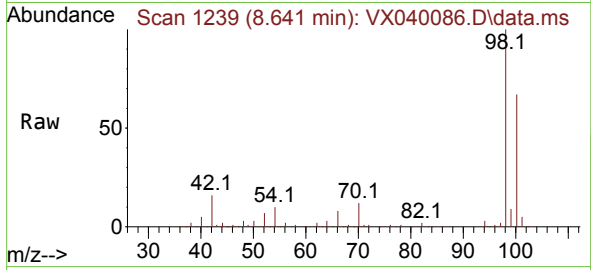




#51
4-Methyl-2-Pentanone
Concen: 0.599 ug/l
RT: 8.641 min Scan# 1132
Delta R.T. 0.067 min
Lab File: VX040086.D
Acq: 02 Feb 2024 14:53

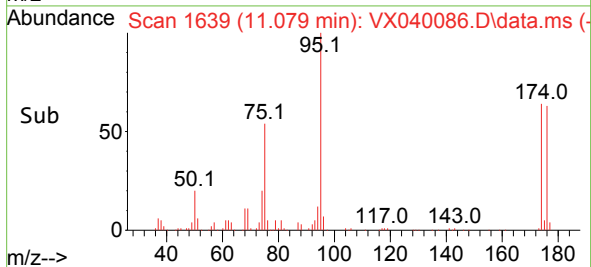
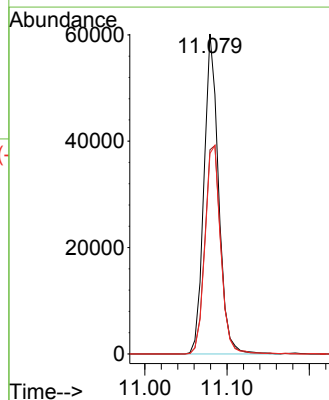
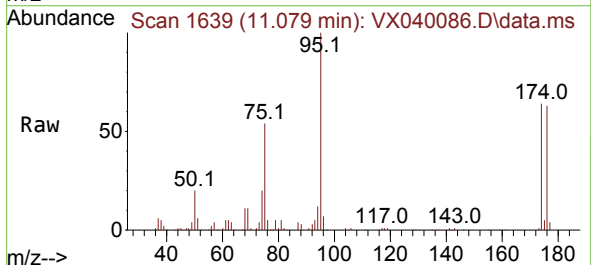
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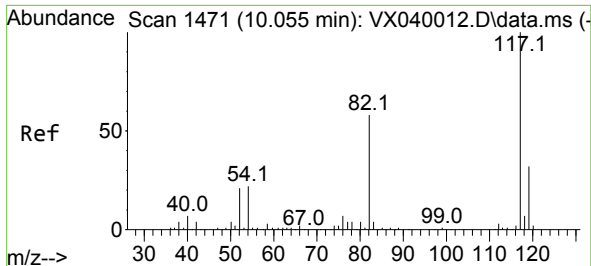
Tgt Ion: 43 Resp: 1132
Ion Ratio Lower Upper
43 100
58 156.4 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 46.319 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX040086.D
Acq: 02 Feb 2024 14:53

Tgt Ion: 95 Resp: 74148
Ion Ratio Lower Upper
95 100
174 71.4 0.0 135.6
176 69.9 0.0 131.0

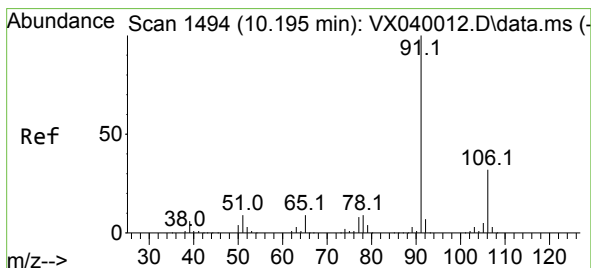
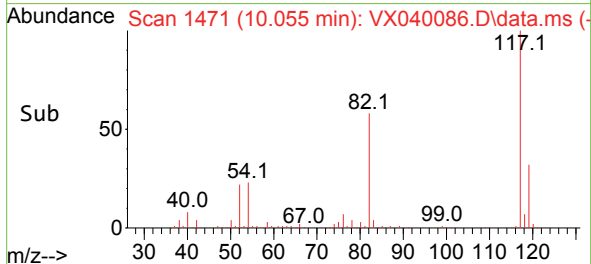
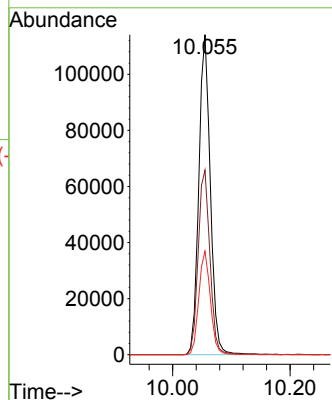
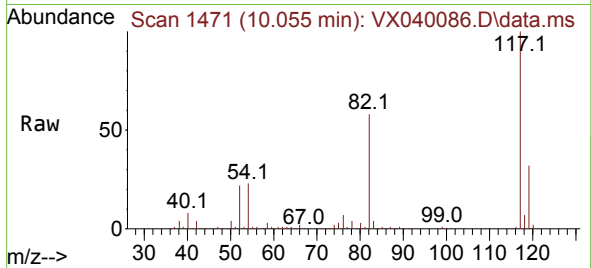




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX040086.D
Acq: 02 Feb 2024 14:53

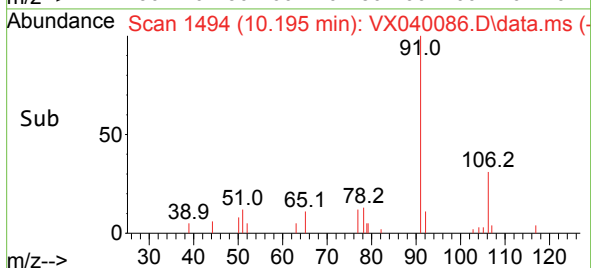
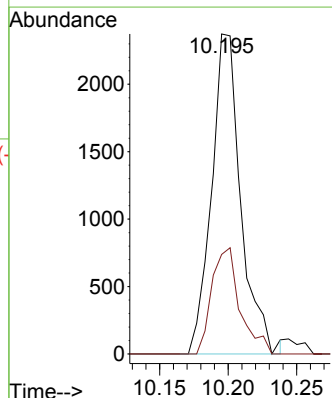
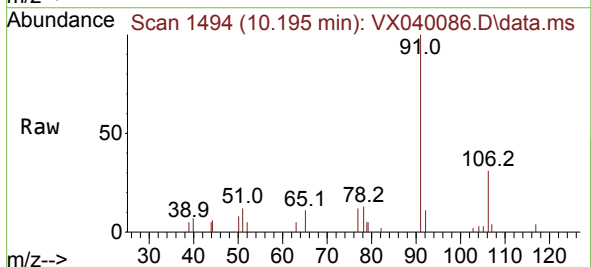
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-195-GW-620-622

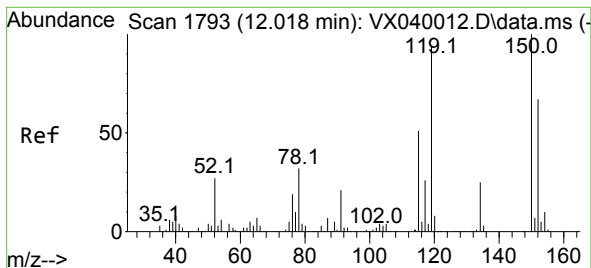
Tgt Ion:117 Resp: 155422
Ion Ratio Lower Upper
117 100
82 57.7 46.2 69.4
119 32.3 25.5 38.3



#67
Ethyl Benzene
Concen: 0.612 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX040086.D
Acq: 02 Feb 2024 14:53

Tgt Ion: 91 Resp: 3530
Ion Ratio Lower Upper
91 100
106 31.1 24.9 37.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX040086.D

Acq: 02 Feb 2024 14:53

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-195-GW-620-622

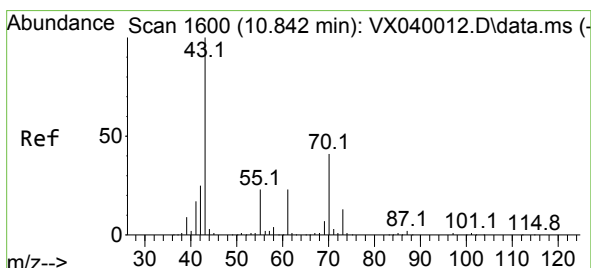
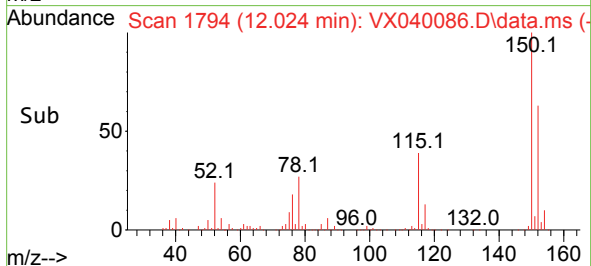
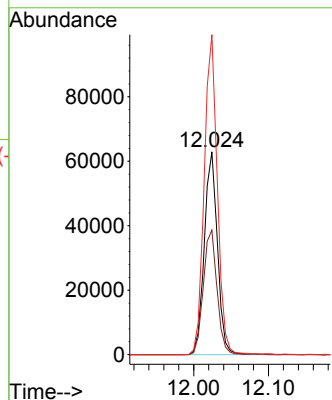
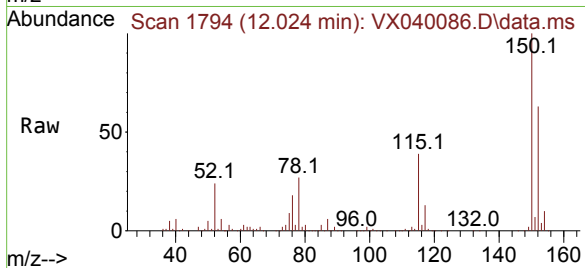
Tgt Ion:152 Resp: 76897

Ion Ratio Lower Upper

152 100

115 63.8 43.3 129.9

150 157.3 0.0 345.0



#74

N-ethyl acetate

Concen: 0.206 ug/l

RT: 10.890 min Scan# 1608

Delta R.T. 0.048 min

Lab File: VX040086.D

Acq: 02 Feb 2024 14:53

Tgt Ion: 43 Resp: 19

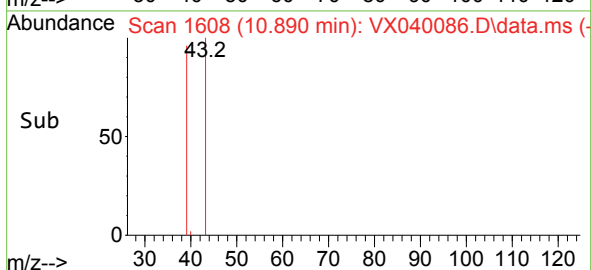
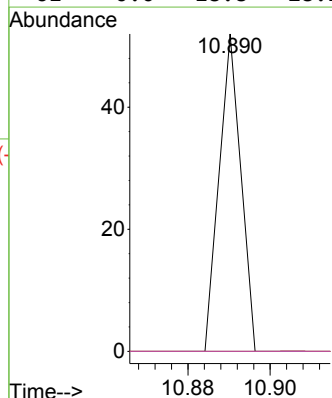
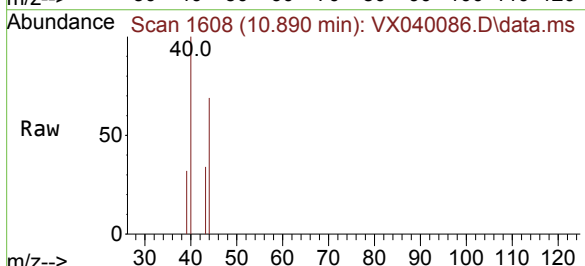
Ion Ratio Lower Upper

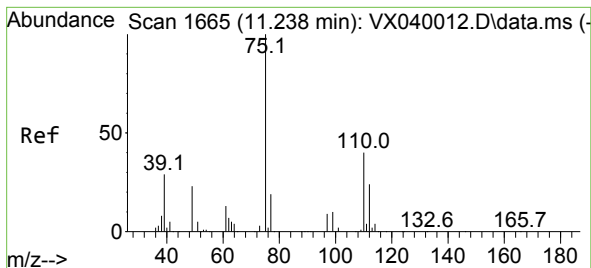
43 100

70 0.0 32.9 49.3#

55 0.0 19.3 28.9#

61 0.0 18.8 28.2#





#76

1,2,3-Trichloropropane

Concen: 24.397 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.159 min

Lab File: VX040086.D

Acq: 02 Feb 2024 14:53

Instrument :

MSVOA_X

ClientSampleId :

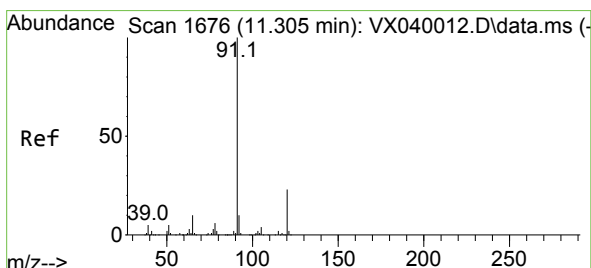
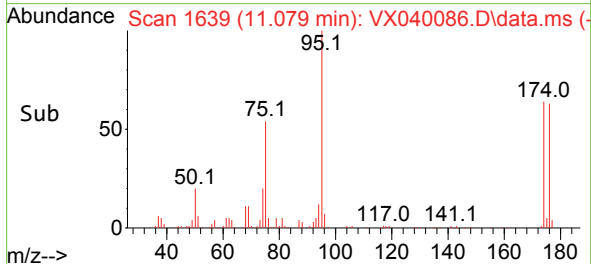
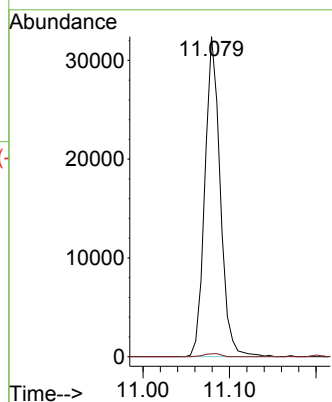
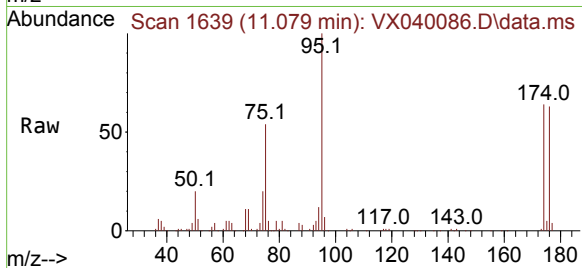
BP-VPB-195-GW-620-622

Tgt Ion: 75 Resp: 39951

Ion Ratio Lower Upper

75 100

77 1.1 19.1 57.5#



#78

n-propylbenzene

Concen: 0.578 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX040086.D

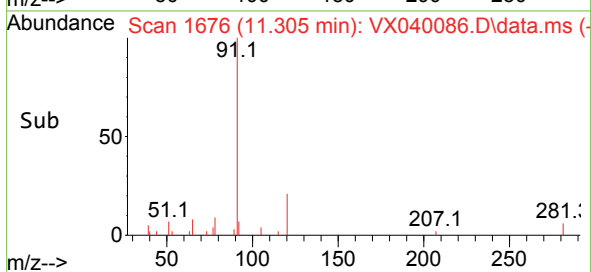
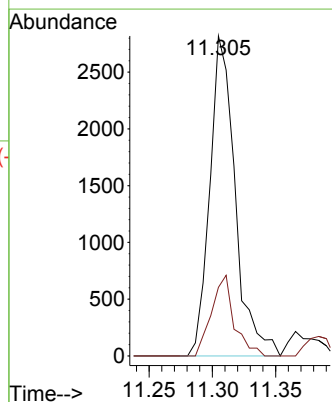
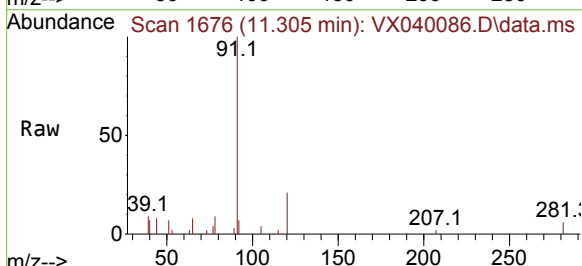
Acq: 02 Feb 2024 14:53

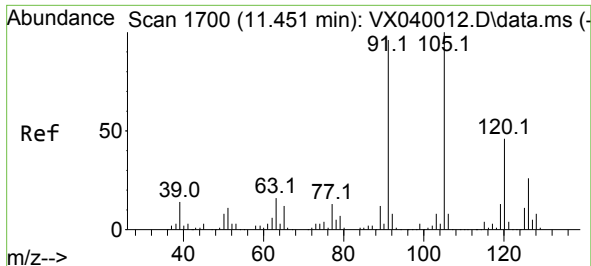
Tgt Ion: 91 Resp: 3929

Ion Ratio Lower Upper

91 100

120 22.4 11.5 34.4

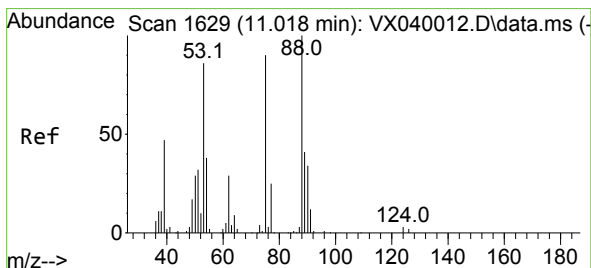
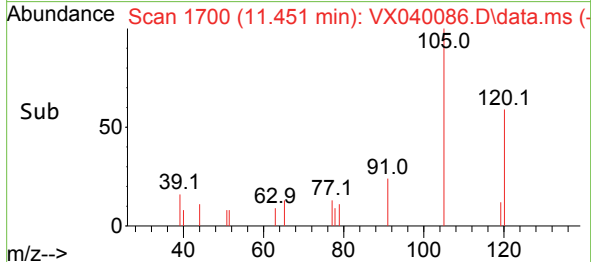
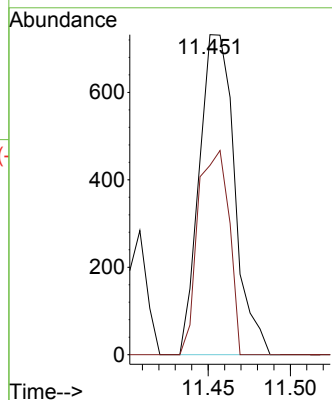
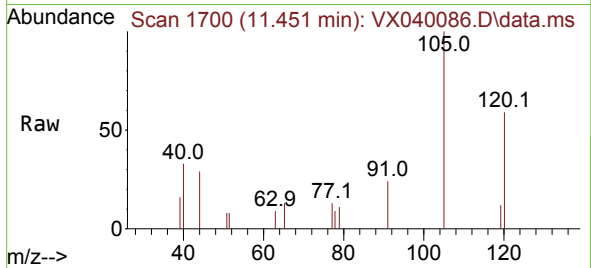




#80
 1,3,5-Trimethylbenzene
 Concen: 0.230 ug/l
 RT: 11.451 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX040086.D
 Acq: 02 Feb 2024 14:53

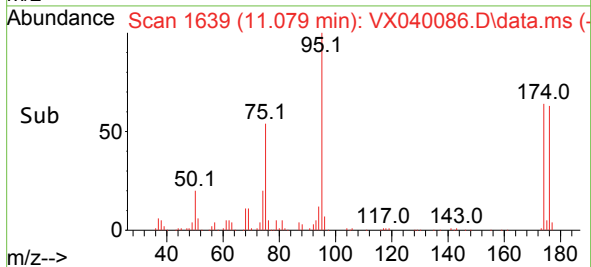
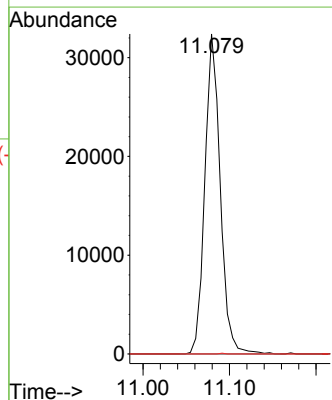
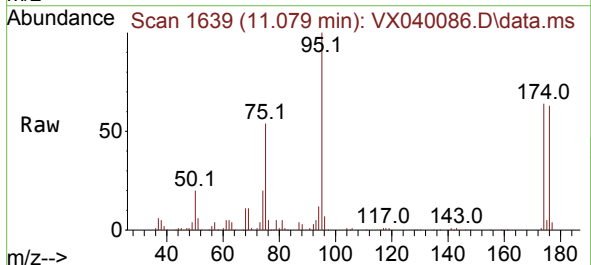
Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-195-GW-620-622

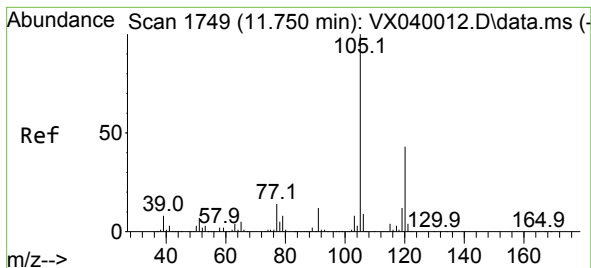
Tgt Ion:105 Resp: 1092
 Ion Ratio Lower Upper
 105 100
 120 56.1 24.1 72.3



#81
 trans-1,4-Dichloro-2-butene
 Concen: 72.419 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. 0.061 min
 Lab File: VX040086.D
 Acq: 02 Feb 2024 14:53

Tgt Ion: 75 Resp: 39951
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.1 36.9 55.3#





#84

1,2,4-Trimethylbenzene

Concen: 1.373 ug/l

RT: 11.750 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX040086.D

Acq: 02 Feb 2024 14:53

Instrument :

MSVOA_X

ClientSampleId :

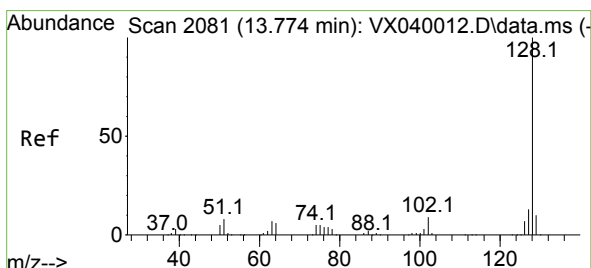
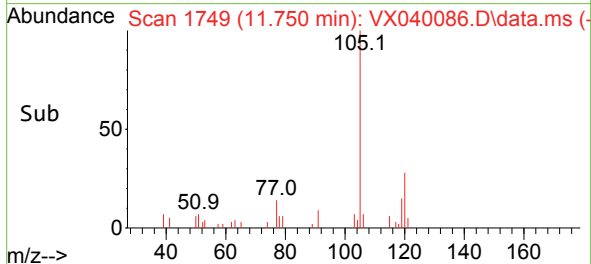
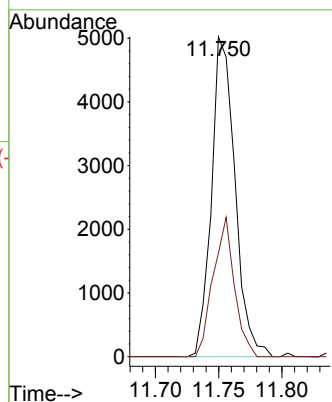
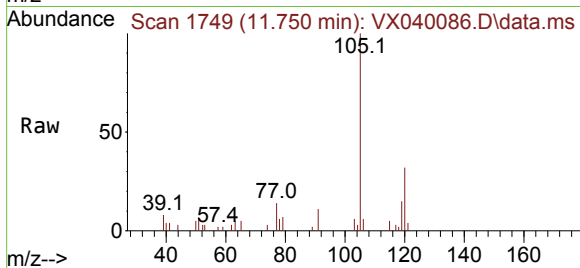
BP-VPB-195-GW-620-622

Tgt Ion:105 Resp: 6502

Ion Ratio Lower Upper

105 100

120 39.3 21.2 63.6



#95

Naphthalene

Concen: 1.014 ug/l

RT: 13.780 min Scan# 2082

Delta R.T. 0.006 min

Lab File: VX040086.D

Acq: 02 Feb 2024 14:53

Tgt Ion:128 Resp: 5335

Ion Ratio Lower Upper

128 100

127 13.1 10.3 15.5

129 11.3 8.8 13.2

