

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020224\
 Data File : VX040094.D
 Acq On : 02 Feb 2024 17:57
 Operator : JC/MD
 Sample : P1344-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-191-GW-638-640

Quant Time: Feb 03 02:20:00 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)

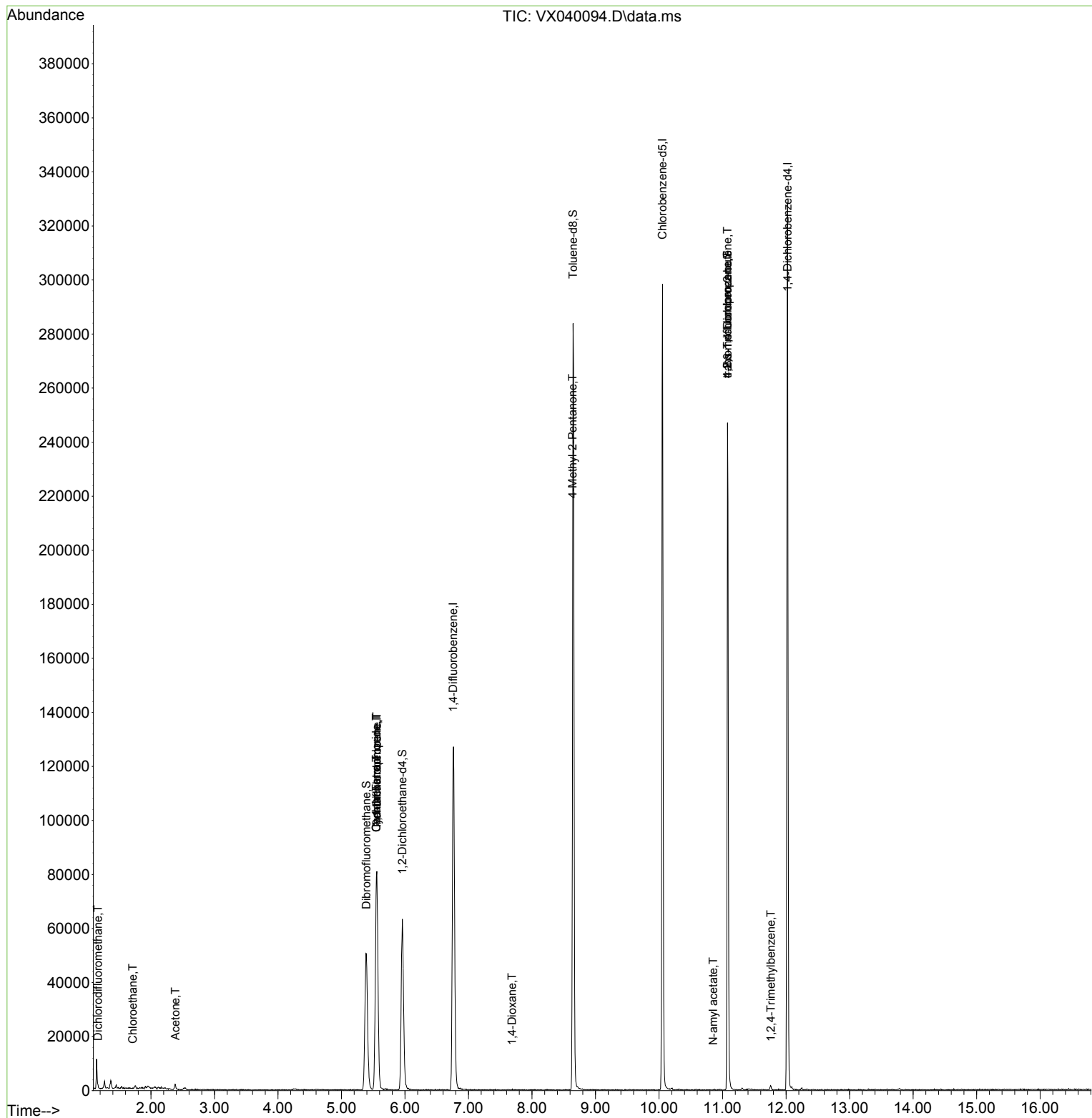
Internal Standards						
1) Pentafluorobenzene	5.556	168	71689	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	130984	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	128426	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	67077	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	57242	49.614	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	99.220%
35) Dibromofluoromethane	5.391	113	43843	49.170	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.340%
50) Toluene-d8	8.647	98	167032	50.092	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.180%
62) 4-Bromofluorobenzene	11.079	95	65630	51.115	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	102.220%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	197	0.244	ug/l #	41
6) Chloroethane	1.715	64	166	0.355	ug/l #	43
16) Acetone	2.386	43	1885	3.487	ug/l	100
31) Cyclohexane	5.550	56	1984	1.373	ug/l #	40
36) 1,1-Dichloropropene	5.556	75	6746	5.231	ug/l #	51
38) Carbon Tetrachloride	5.550	117	8285	6.715	ug/l #	16
49) 1,4-Dioxane	7.683	88	112	4.711	ug/l #	31
51) 4-Methyl-2-Pentanone	8.640	43	870	0.574	ug/l #	1
74) N-amyl acetate	10.854	43	20	0.207	ug/l #	44
76) 1,2,3-Trichloropropane	11.079	75	35595	24.919	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	35595	73.719	ug/l #	5
84) 1,2,4-Trimethylbenzene	11.762	105	1060	0.257	ug/l	99
90) Hexachloroethane	12.719	117	50	Below Cal	#	17

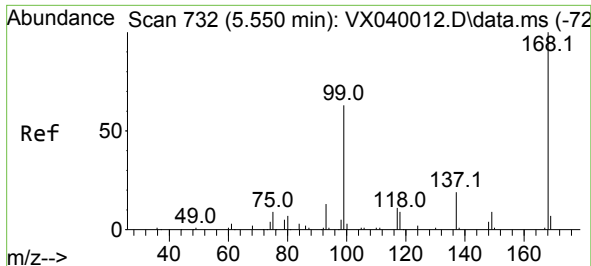
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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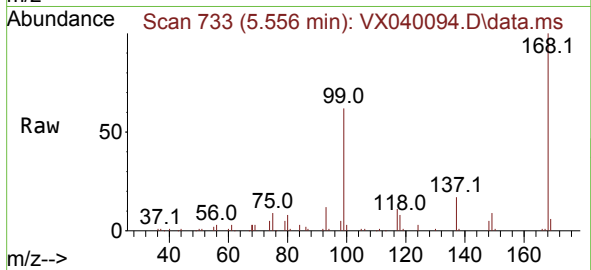
Quant Time: Feb 03 02:20:00 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X013024W.M
Quant Title : SW846 8260
QLast Update : Thu Feb 01 05:44:39 2024
Response via : Initial Calibration



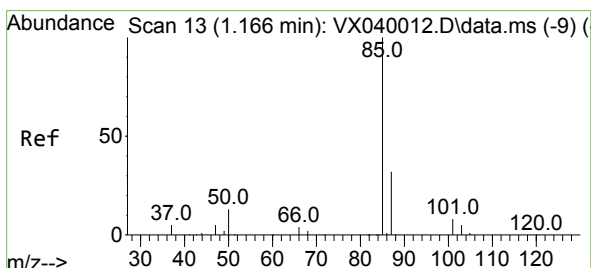
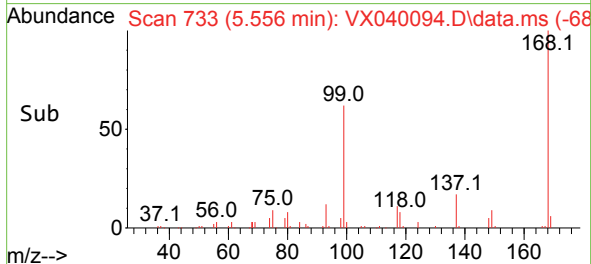
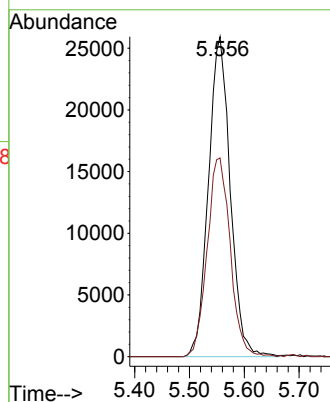


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX040094.D
Acq: 02 Feb 2024 17:57

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-191-GW-638-640

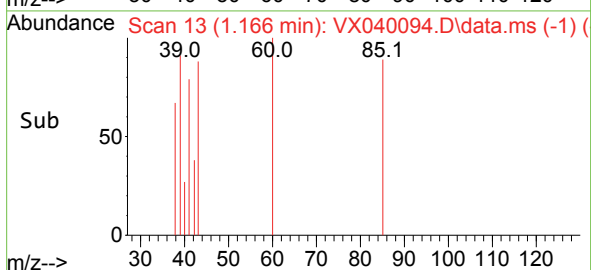
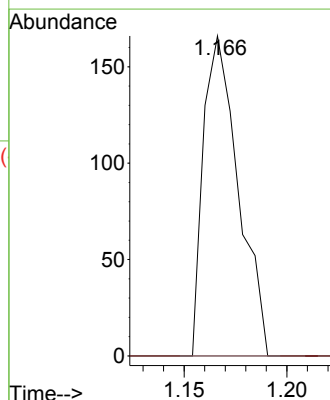
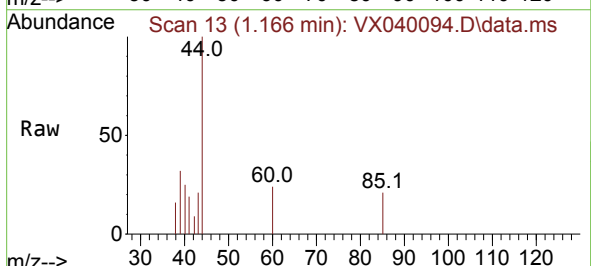


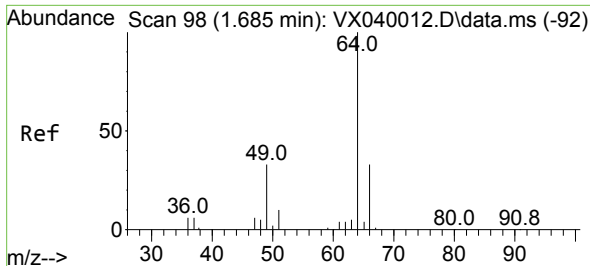
Tgt Ion:168 Resp: 71689
Ion Ratio Lower Upper
168 100
99 62.1 56.6 85.0



#2
Dichlorodifluoromethane
Concen: 0.244 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX040094.D
Acq: 02 Feb 2024 17:57

Tgt Ion: 85 Resp: 197
Ion Ratio Lower Upper
85 100
87 0.0 16.7 50.1#

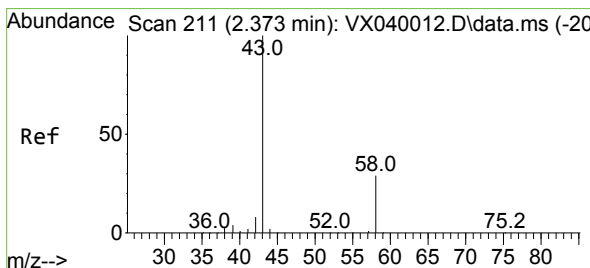
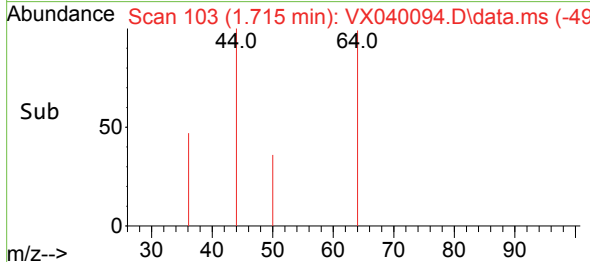
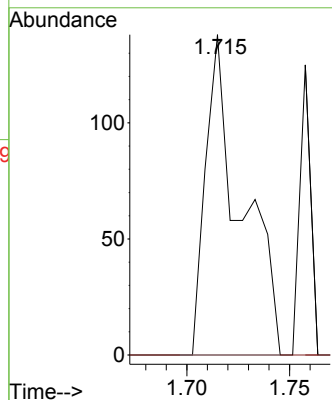
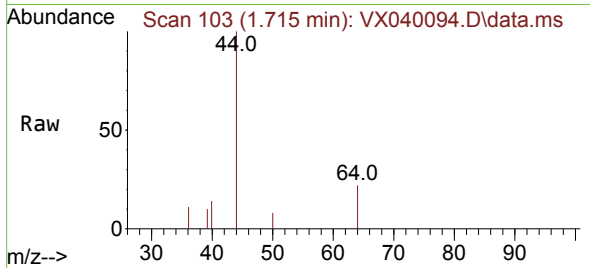




#6
Chloroethane
Concen: 0.355 ug/l
RT: 1.715 min Scan# 103
Delta R.T. 0.030 min
Lab File: VX040094.D
Acq: 02 Feb 2024 17:57

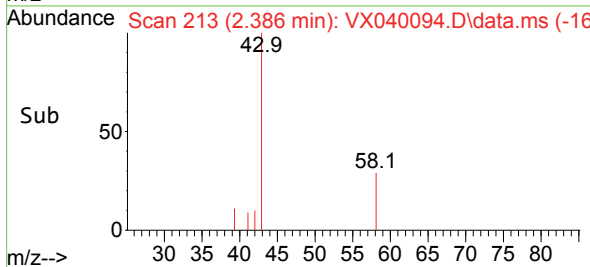
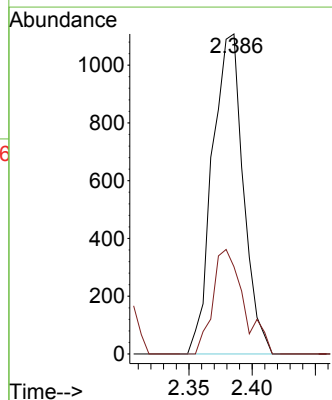
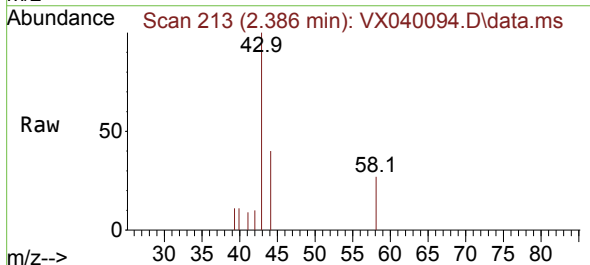
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-191-GW-638-640

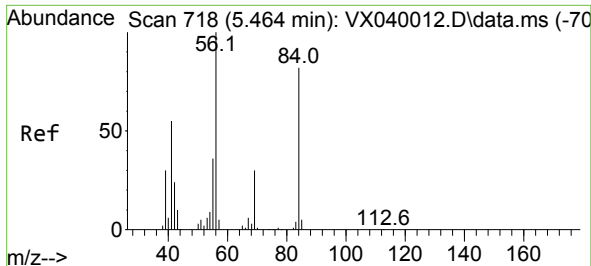
Tgt Ion: 64 Resp: 166
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



#16
Acetone
Concen: 3.487 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.012 min
Lab File: VX040094.D
Acq: 02 Feb 2024 17:57

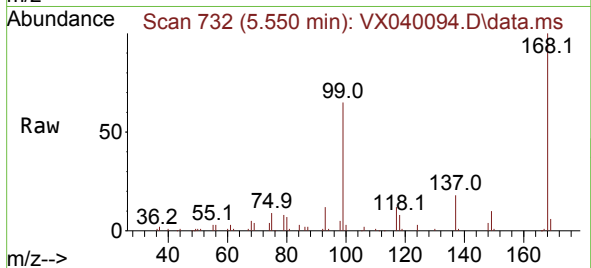
Tgt Ion: 43 Resp: 1885
Ion Ratio Lower Upper
43 100
58 27.3 21.9 32.9



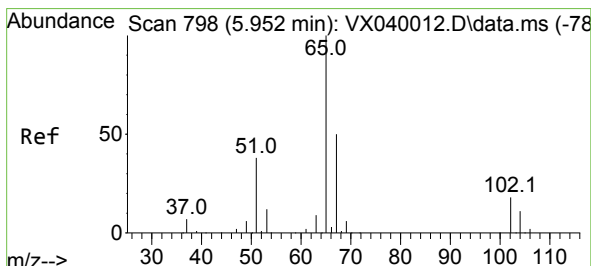
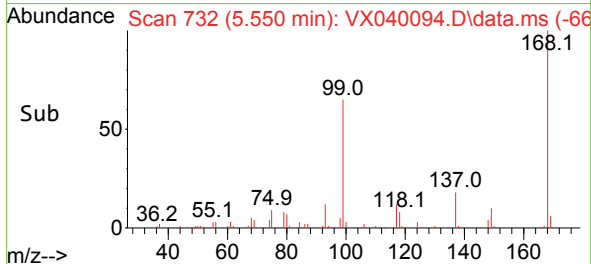
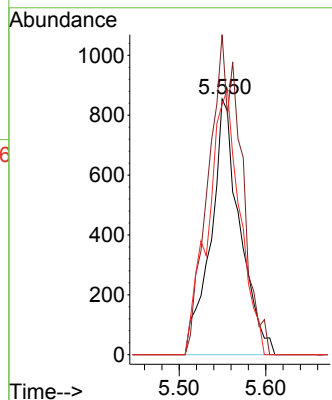


#31
Cyclohexane
Concen: 1.373 ug/l
RT: 5.550 min Scan# 718
Delta R.T. 0.085 min
Lab File: VX040094.D
Acq: 02 Feb 2024 17:57

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-191-GW-638-640

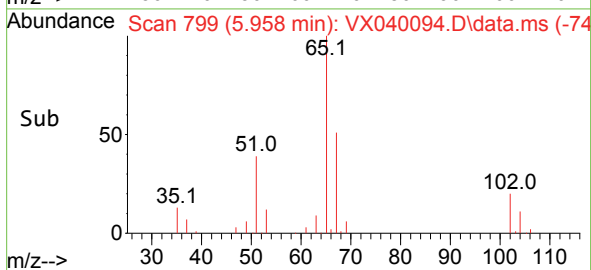
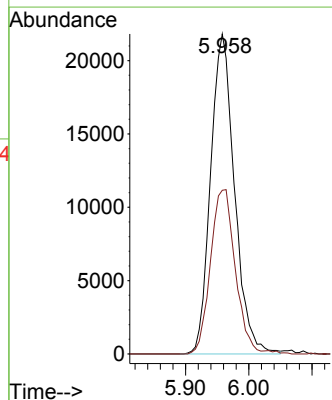
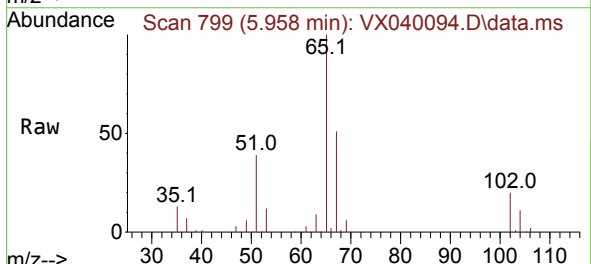


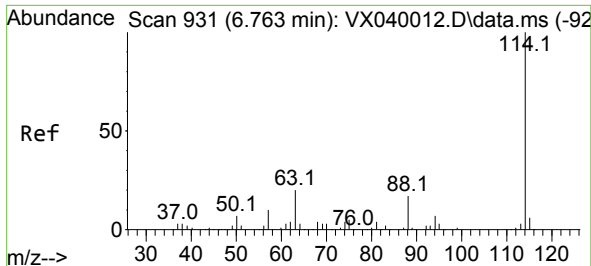
Tgt Ion: 56 Resp: 1984
Ion Ratio Lower Upper
56 100
69 125.2 23.4 35.2#
84 97.9 65.9 98.9



#33
1,2-Dichloroethane-d4
Concen: 49.614 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX040094.D
Acq: 02 Feb 2024 17:57

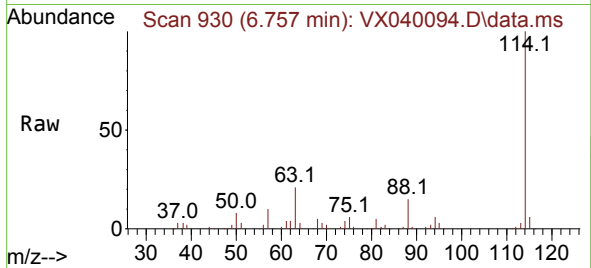
Tgt Ion: 65 Resp: 57242
Ion Ratio Lower Upper
65 100
67 53.7 0.0 100.2



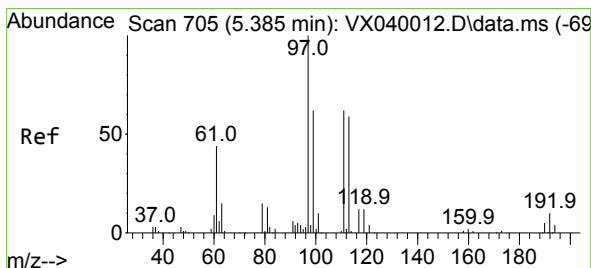
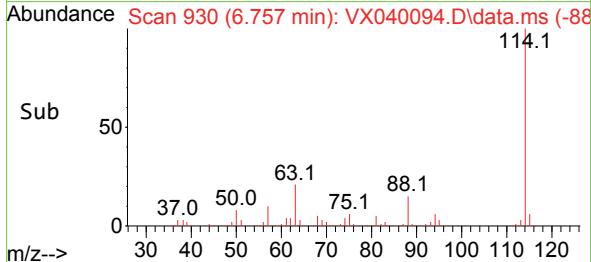
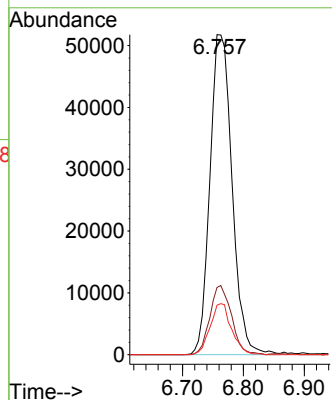


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX040094.D
Acq: 02 Feb 2024 17:57

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-191-GW-638-640

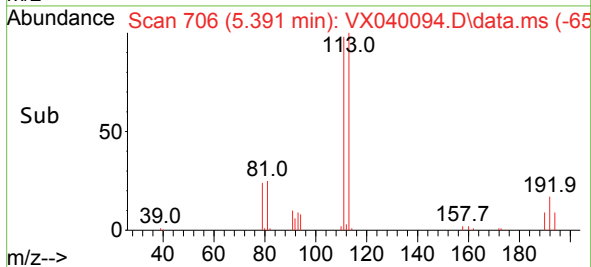
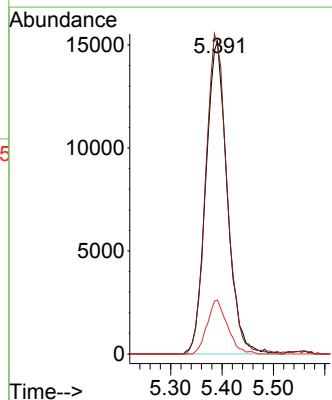
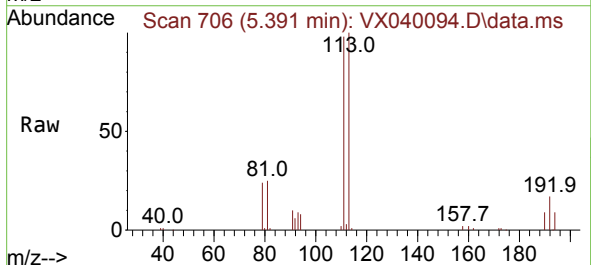


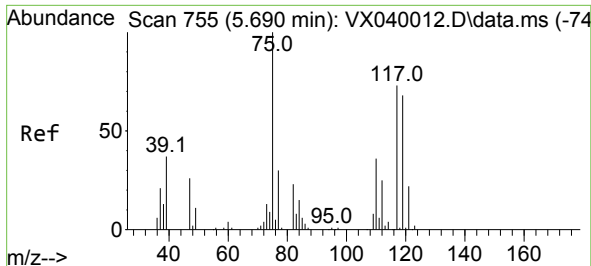
Tgt Ion:114 Resp: 130984
Ion Ratio Lower Upper
114 100
63 21.0 0.0 45.0
88 15.4 0.0 36.6



#35
Dibromofluoromethane
Concen: 49.170 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX040094.D
Acq: 02 Feb 2024 17:57

Tgt Ion:113 Resp: 43843
Ion Ratio Lower Upper
113 100
111 102.0 82.9 124.3
192 16.3 13.3 19.9

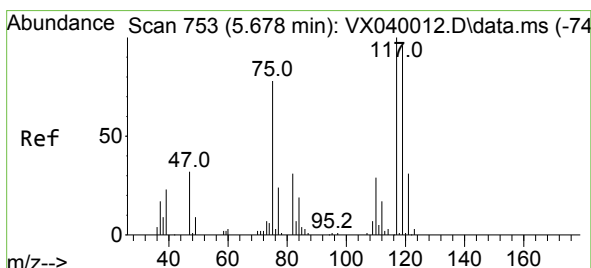
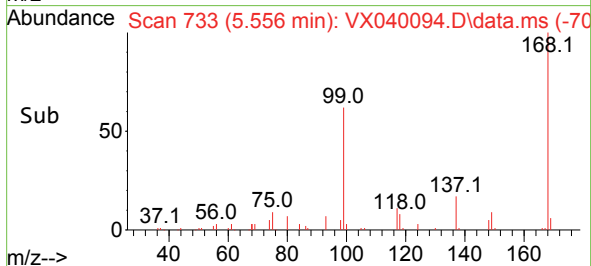
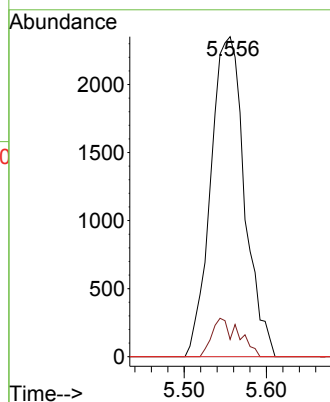
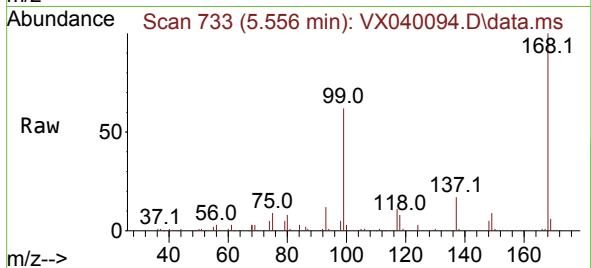




#36
1,1-Dichloropropene
Concen: 5.231 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.134 min
Lab File: VX040094.D
Acq: 02 Feb 2024 17:57

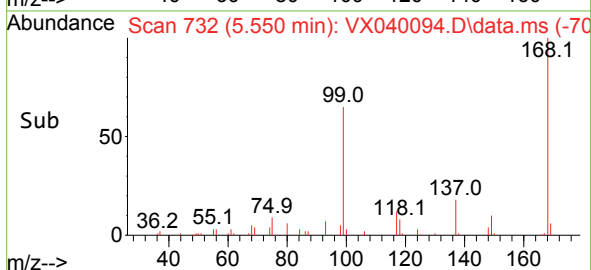
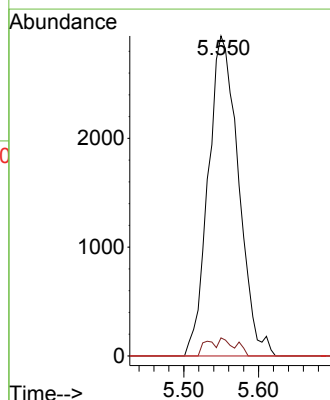
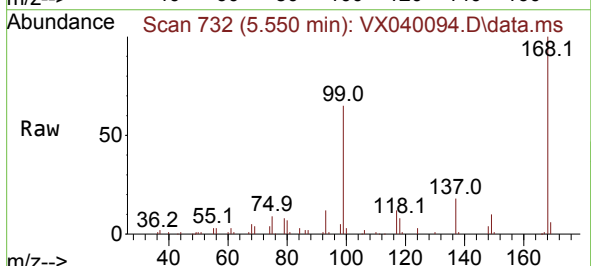
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-191-GW-638-640

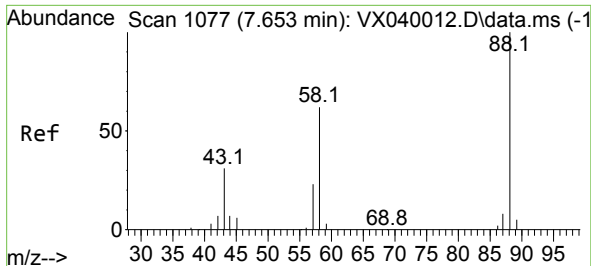
Tgt Ion: 75 Resp: 6746
Ion Ratio Lower Upper
75 100
110 9.4 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.715 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX040094.D
Acq: 02 Feb 2024 17:57

Tgt Ion: 117 Resp: 8285
Ion Ratio Lower Upper
117 100
119 5.6 78.2 117.2#
121 0.0 24.4 36.6#

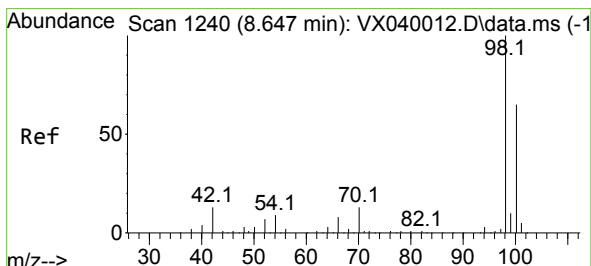
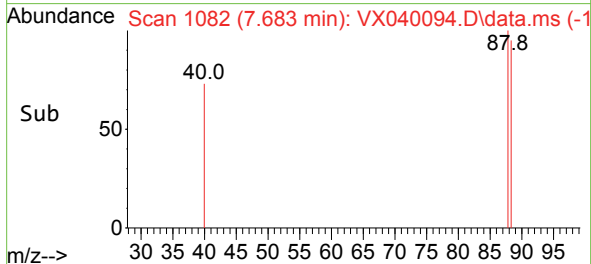
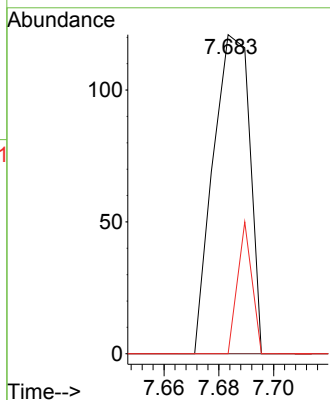
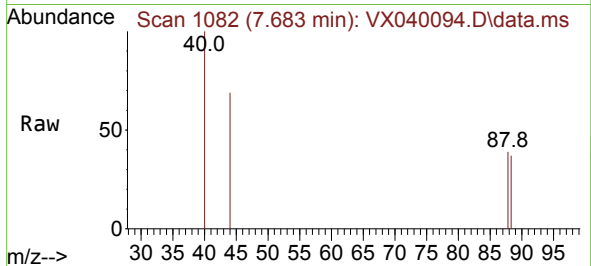




#49
1,4-Dioxane
Concen: 4.711 ug/l
RT: 7.683 min Scan# 1077
Delta R.T. 0.030 min
Lab File: VX040094.D
Acq: 02 Feb 2024 17:57

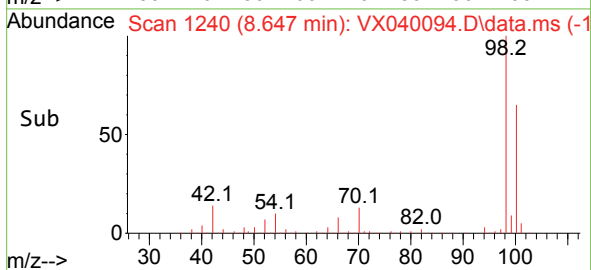
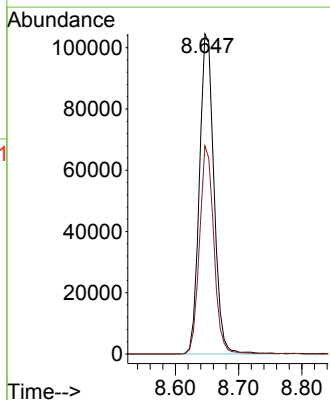
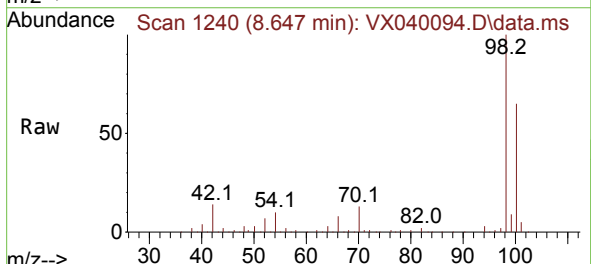
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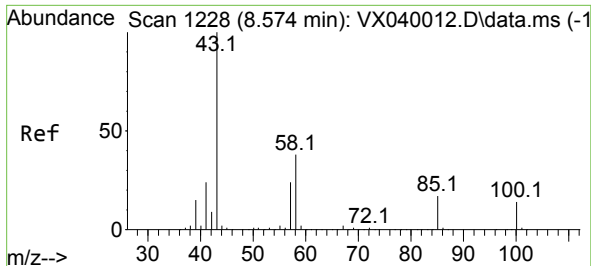
Tgt Ion: 88 Resp: 112
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 16.1 60.1 90.1#



#50
Toluene-d8
Concen: 50.092 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX040094.D
Acq: 02 Feb 2024 17:57

Tgt Ion: 98 Resp: 167032
Ion Ratio Lower Upper
98 100
100 64.1 53.1 79.7

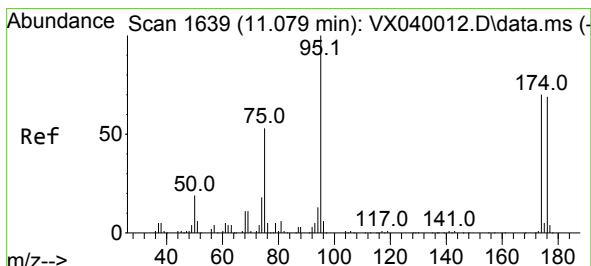
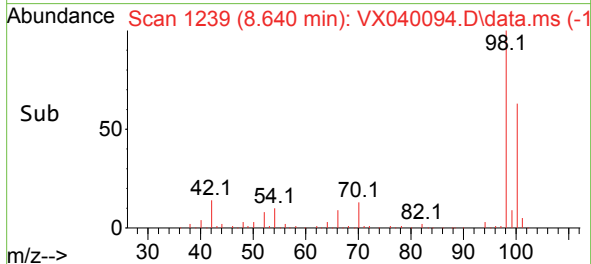
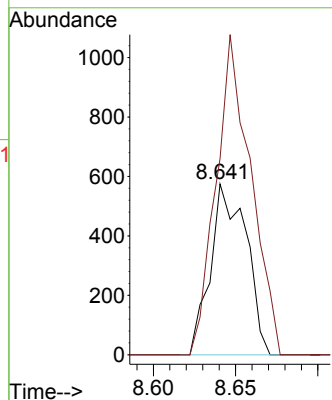
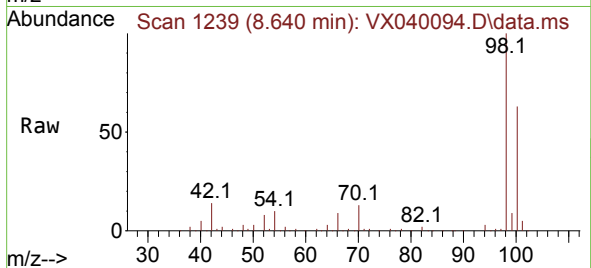




#51
4-Methyl-2-Pentanone
Concen: 0.574 ug/l
RT: 8.640 min Scan# 1239
Delta R.T. 0.067 min
Lab File: VX040094.D
Acq: 02 Feb 2024 17:57

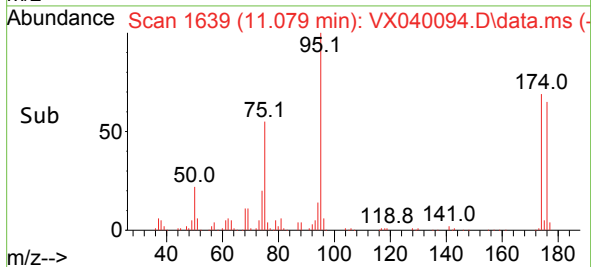
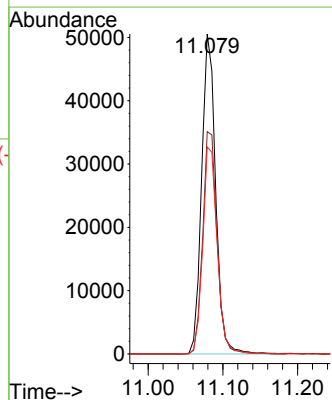
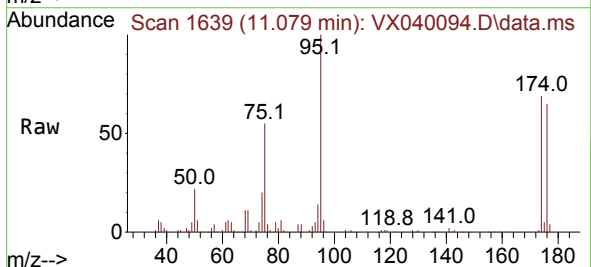
Instrument :
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BP-VPB-191-GW-638-640

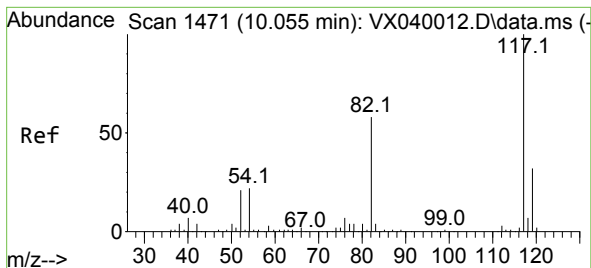
Tgt Ion: 43 Resp: 870
Ion Ratio Lower Upper
43 100
58 182.4 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 51.115 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX040094.D
Acq: 02 Feb 2024 17:57

Tgt Ion: 95 Resp: 65630
Ion Ratio Lower Upper
95 100
174 71.7 0.0 135.6
176 66.6 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: VX040094.D

Acq: 02 Feb 2024 17:57

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-191-GW-638-640

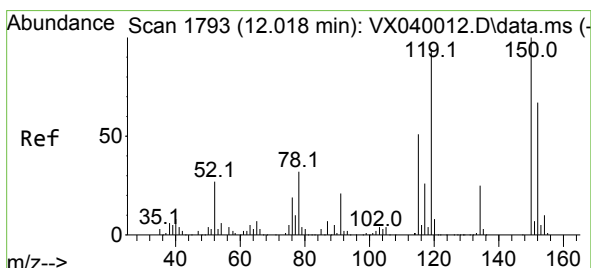
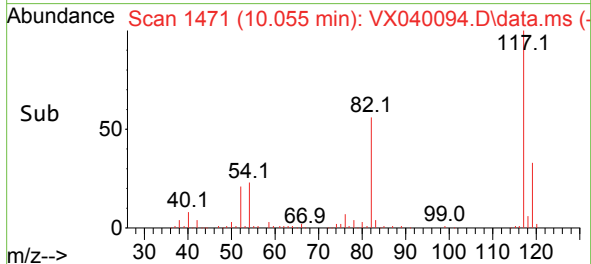
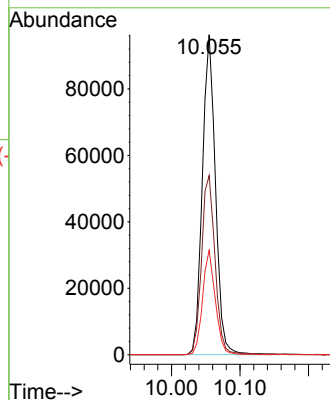
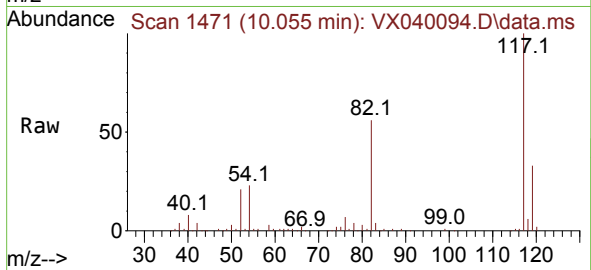
Tgt Ion:117 Resp: 128426

Ion Ratio Lower Upper

117 100

82 56.0 46.2 69.4

119 32.6 25.5 38.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.006 min

Lab File: VX040094.D

Acq: 02 Feb 2024 17:57

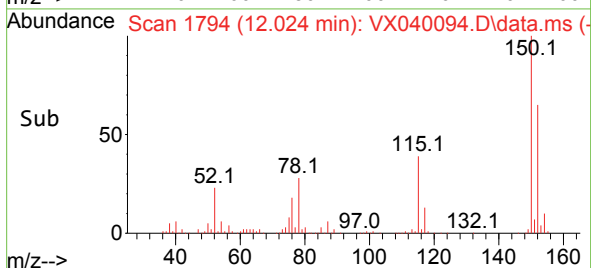
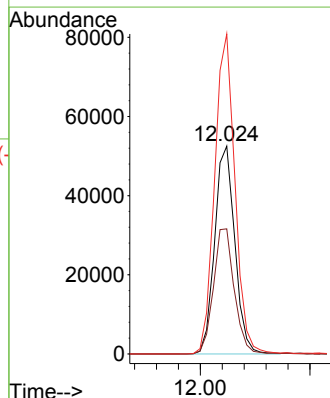
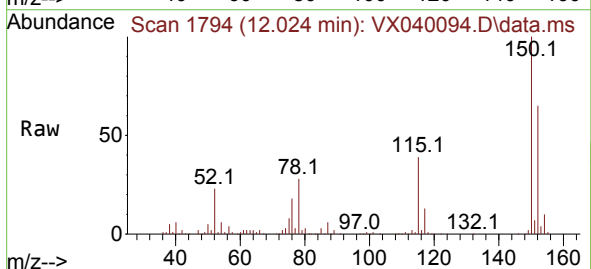
Tgt Ion:152 Resp: 67077

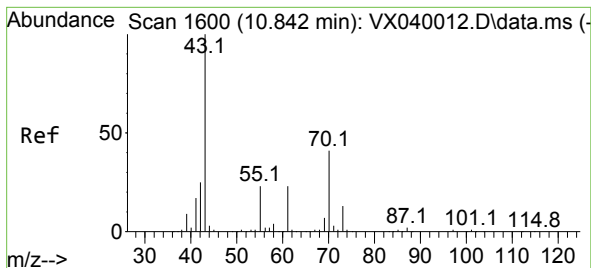
Ion Ratio Lower Upper

152 100

115 62.5 43.3 129.9

150 155.1 0.0 345.0





#74

N-amy1 acetate

Concen: 0.207 ug/l

RT: 10.854 min Scan# 1

Delta R.T. 0.012 min

Lab File: VX040094.D

Acq: 02 Feb 2024 17:57

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-191-GW-638-640

Tgt Ion: 43 Resp: 20

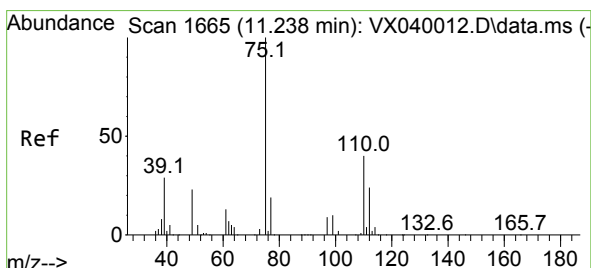
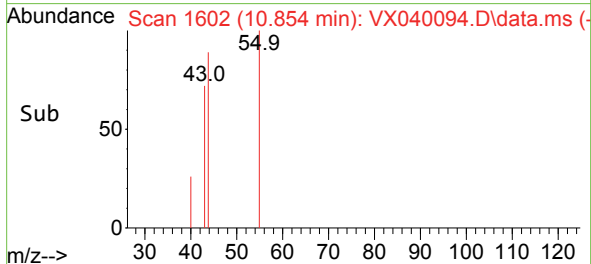
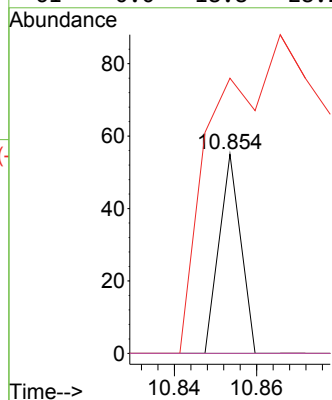
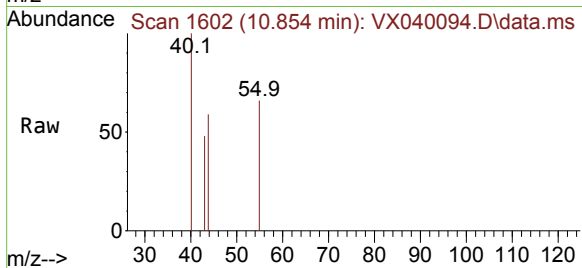
Ion Ratio Lower Upper

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: 24.919 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX040094.D

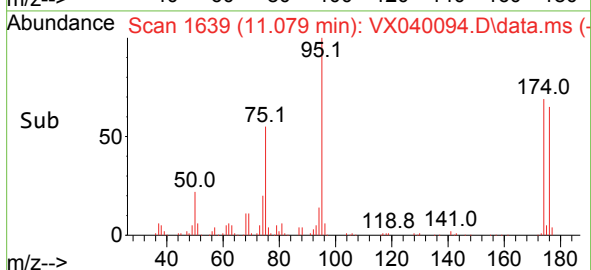
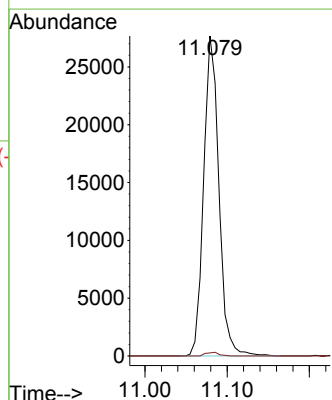
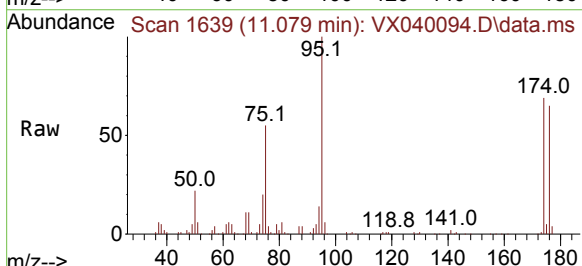
Acq: 02 Feb 2024 17:57

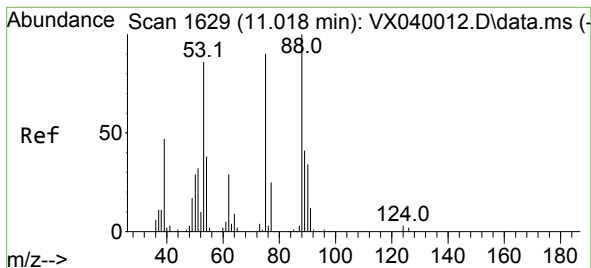
Tgt Ion: 75 Resp: 35595

Ion Ratio Lower Upper

75 100

77 1.0 19.1 57.5#

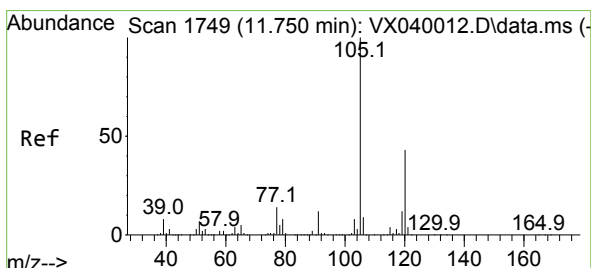
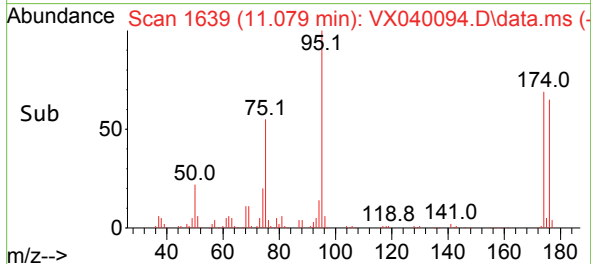
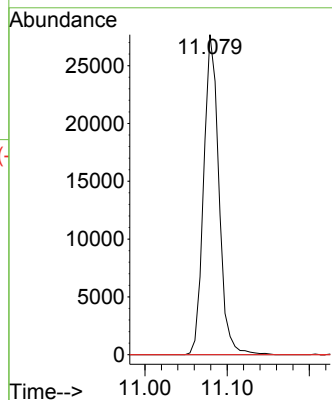
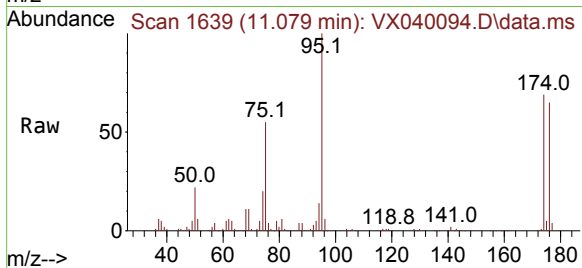




#81
trans-1,4-Dichloro-2-butene
Concen: 73.719 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX040094.D
Acq: 02 Feb 2024 17:57

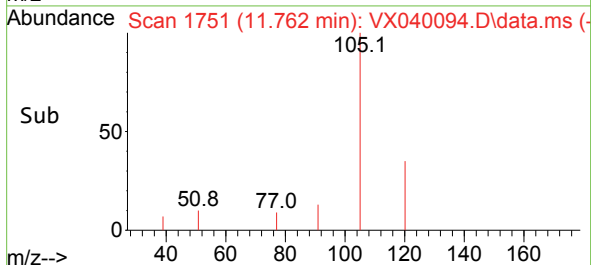
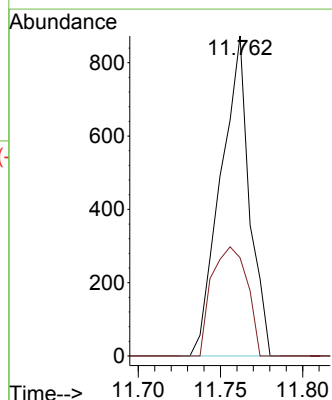
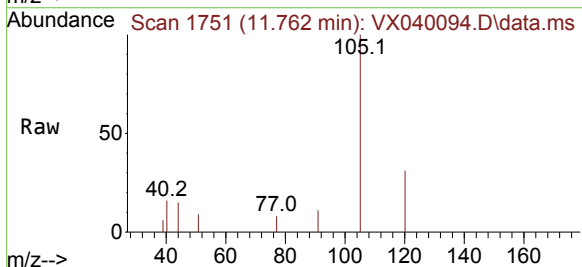
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-191-GW-638-640

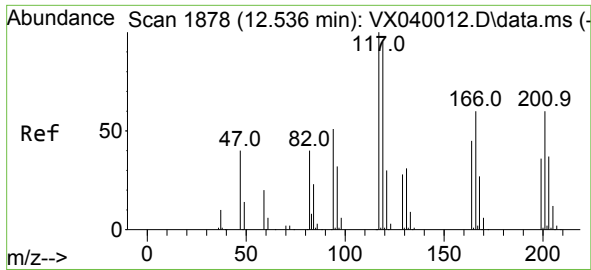
Tgt Ion: 75 Resp: 35595
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#



#84
1,2,4-Trimethylbenzene
Concen: 0.257 ug/l
RT: 11.762 min Scan# 1751
Delta R.T. 0.012 min
Lab File: VX040094.D
Acq: 02 Feb 2024 17:57

Tgt Ion: 105 Resp: 1060
Ion Ratio Lower Upper
105 100
120 42.1 21.2 63.6





#90

Hexachloroethane

Concen: Below Cal

RT: 12.719 min Scan# 1908

Delta R.T. 0.183 min

Lab File: VX040094.D

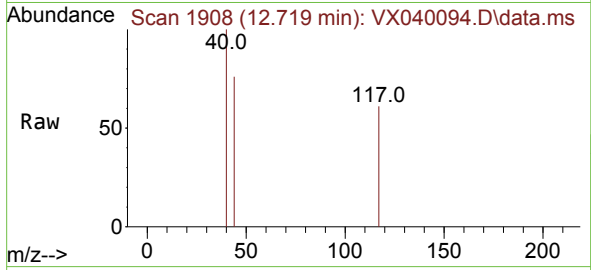
Acq: 02 Feb 2024 17:57

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-191-GW-638-640



Tgt Ion:117 Resp: 50

Ion Ratio Lower Upper

117 100

201 0.0 32.9 98.6#

