

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070524\
 Data File : VX042204.D
 Acq On : 05 Jul 2024 11:24
 Operator : JC/MD
 Sample : P3167-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-196-GW-815-817

Quant Time: Jul 05 23:19:39 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061824W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 21 23:51:58 2024
 Response via : Initial Calibration

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

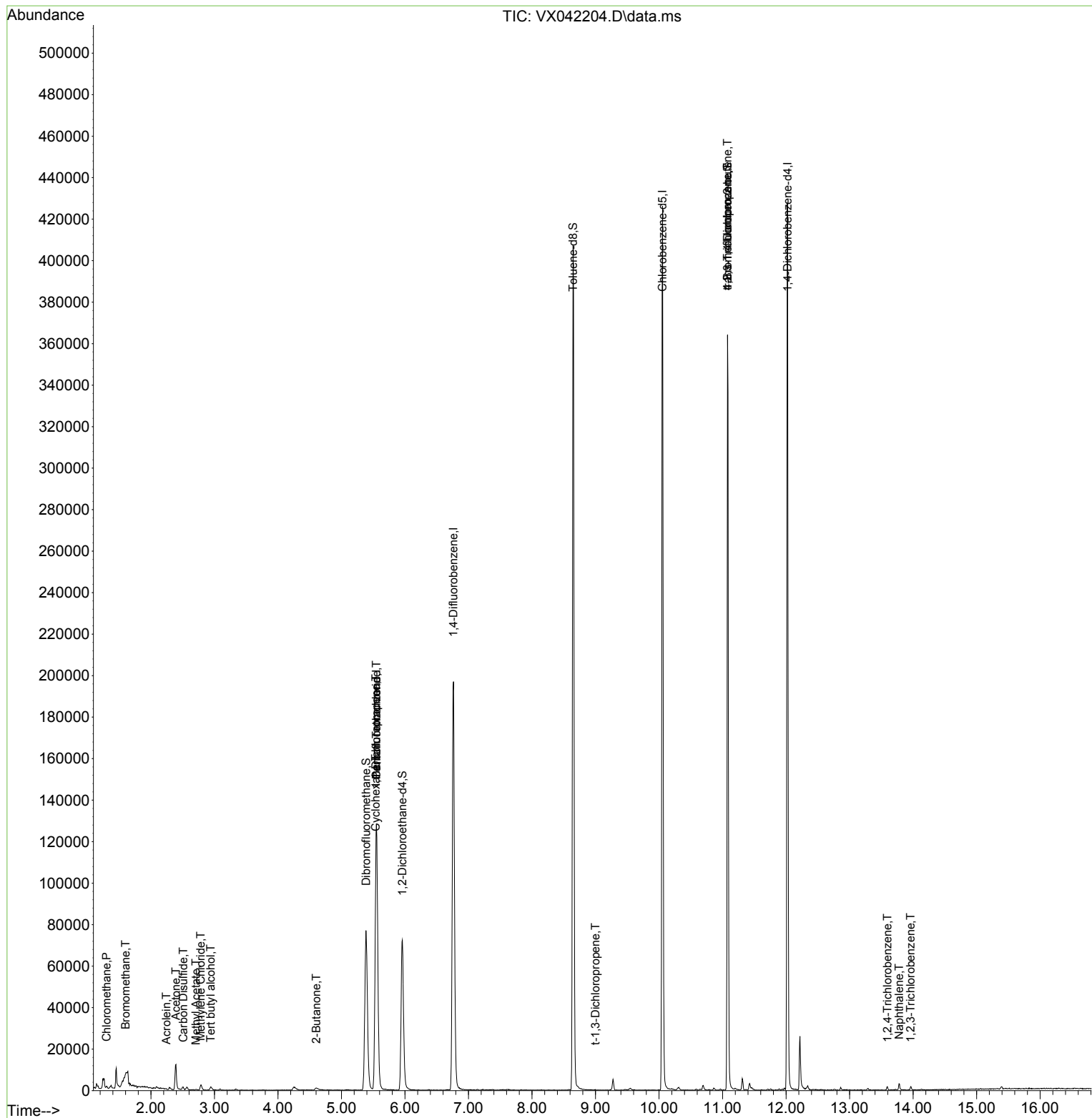
Internal Standards						
1) Pentafluorobenzene	5.550	168	144193	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	222022	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	218824	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	106061	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	69542	41.824	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	83.640%
35) Dibromofluoromethane	5.385	113	68243	43.319	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	86.640%
50) Toluene-d8	8.647	98	259665	46.919	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	93.840%
62) 4-Bromofluorobenzene	11.079	95	97095	47.593	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.180%
Target Compounds						
						Qvalue
3) Chloromethane	1.300	50	897	0.651	ug/l	# 86
5) Bromomethane	1.599	94	545	0.799	ug/l	93
6) Chloroethane	1.666	64	68	Below Cal	#	43
11) Tert butyl alcohol	2.940	59	1007	3.191	ug/l	# 78
13) Acrolein	2.239	56	195	0.551	ug/l	# 76
16) Acetone	2.392	43	14144	19.373	ug/l	# 88
17) Carbon Disulfide	2.508	76	2024	0.798	ug/l	# 87
18) Methyl Acetate	2.709	43	505	0.254	ug/l	# 62
20) Methylene Chloride	2.782	84	1473	0.921	ug/l	# 80
25) 2-Butanone	4.605	43	2085	1.836	ug/l	98
31) Cyclohexane	5.537	56	2011	1.034	ug/l	# 1
36) 1,1-Dichloropropene	5.544	75	8296	4.959	ug/l	# 51
38) Carbon Tetrachloride	5.550	117	12343	6.678	ug/l	# 16
53) t-1,3-Dichloropropene	9.000	75	68	0.926	ug/l	# 43
76) 1,2,3-Trichloropropane	11.079	75	44424	23.072	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	44424	65.523	ug/l	# 5
93) 1,2,4-Trichlorobenzene	13.597	180	705	0.312	ug/l	88
95) Naphthalene	13.780	128	2787	1.109	ug/l	# 95
96) 1,2,3-Trichlorobenzene	13.963	180	688	0.288	ug/l	92

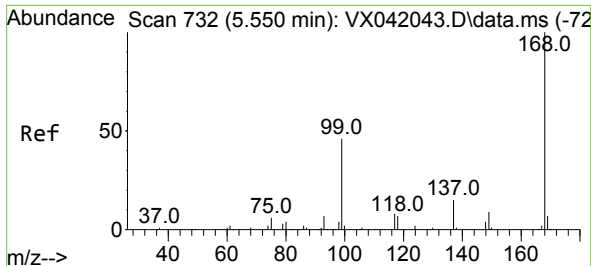
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BP-VPB-196-GW-815-817

Quant Time: Jul 05 23:19:39 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061824W.M
Quant Title : SW846 8260
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Response via : Initial Calibration

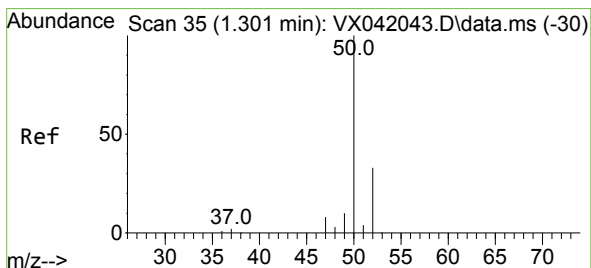
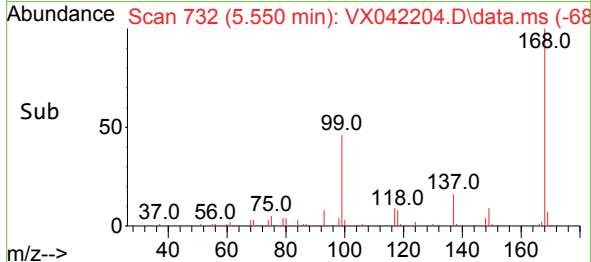
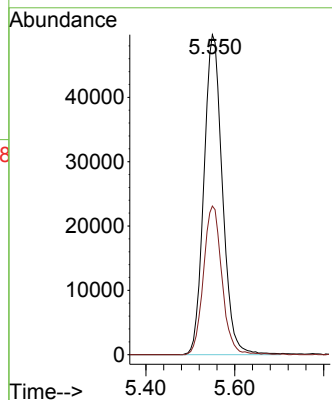
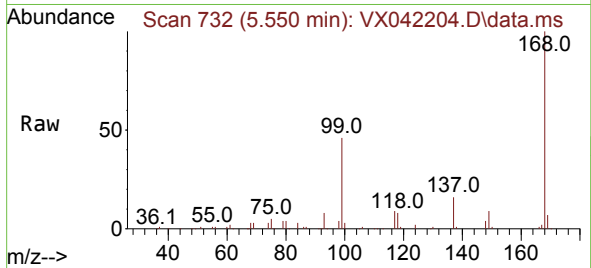




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX042204.D
Acq: 05 Jul 2024 11:24

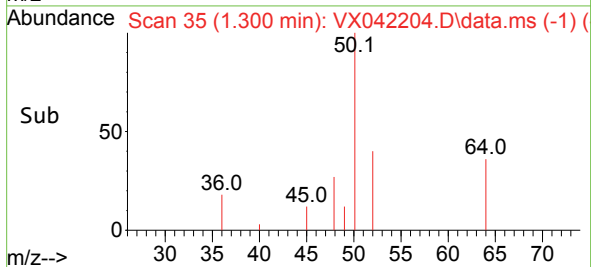
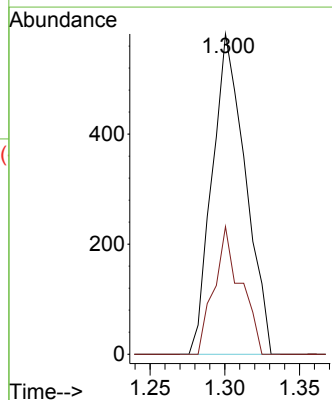
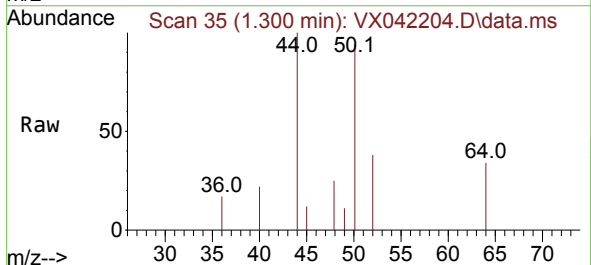
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-196-GW-815-817

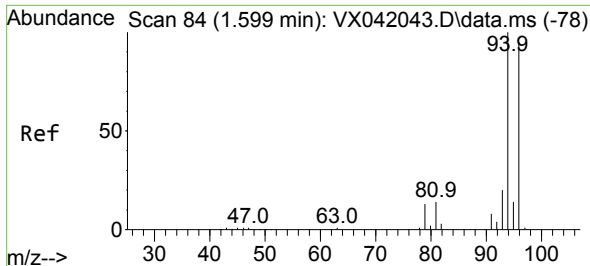
Tgt Ion:168 Resp: 144193
Ion Ratio Lower Upper
168 100
99 46.4 56.6 85.0#



#3
Chloromethane
Concen: 0.651 ug/l
RT: 1.300 min Scan# 35
Delta R.T. -0.006 min
Lab File: VX042204.D
Acq: 05 Jul 2024 11:24

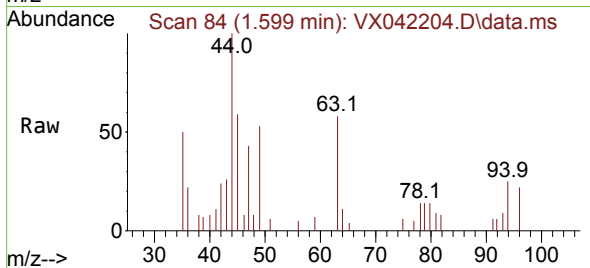
Tgt Ion: 50 Resp: 897
Ion Ratio Lower Upper
50 100
52 39.9 25.5 38.3#



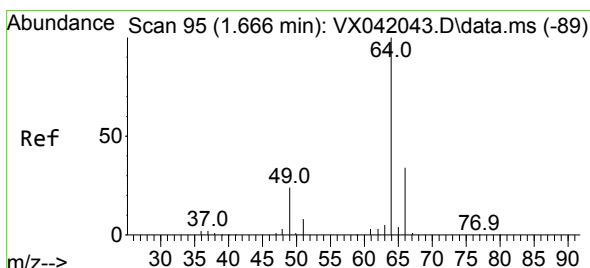
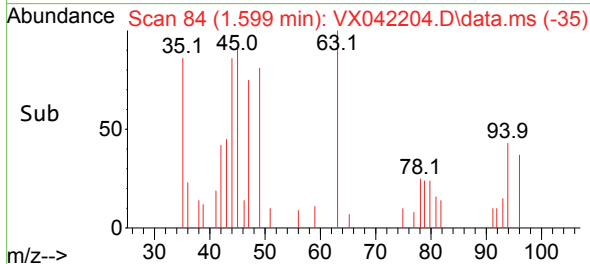
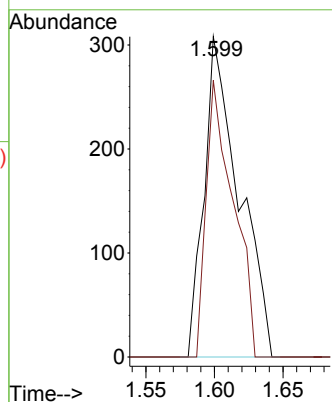


#5
Bromomethane
Concen: 0.799 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX042204.D
Acq: 05 Jul 2024 11:24

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-196-GW-815-817

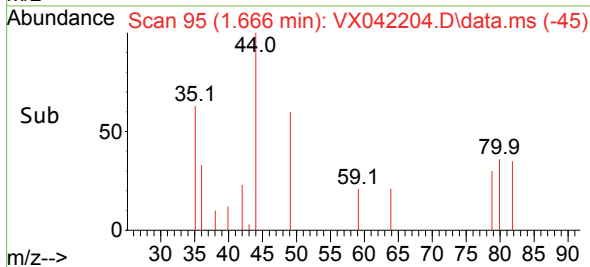
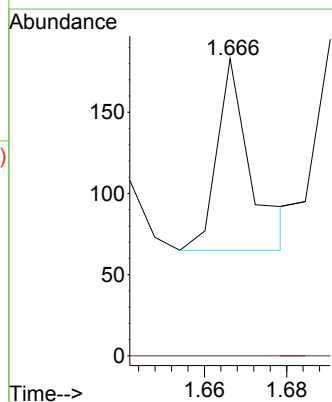
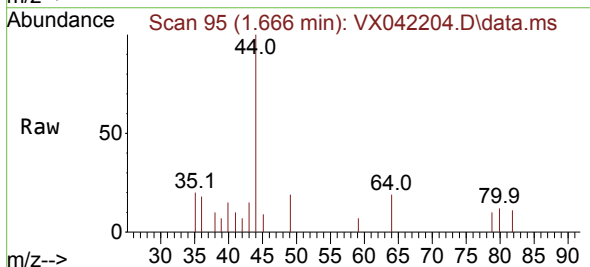


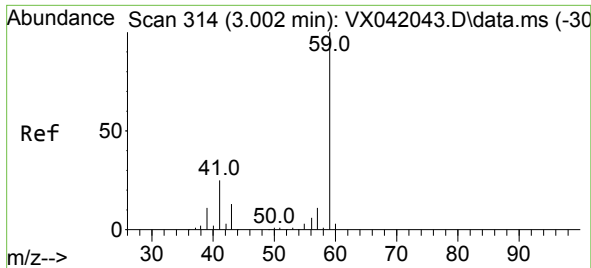
Tgt Ion: 94 Resp: 545
Ion Ratio Lower Upper
94 100
96 86.4 74.6 111.8



#6
Chloroethane
Concen: Below Cal
RT: 1.666 min Scan# 95
Delta R.T. 0.006 min
Lab File: VX042204.D
Acq: 05 Jul 2024 11:24

Tgt Ion: 64 Resp: 68
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#

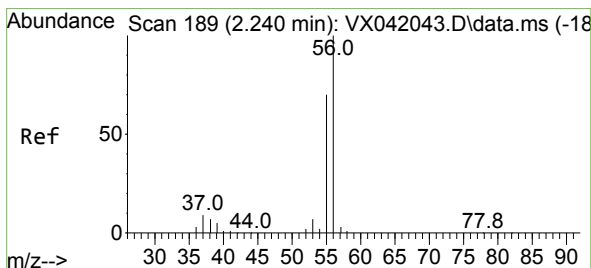
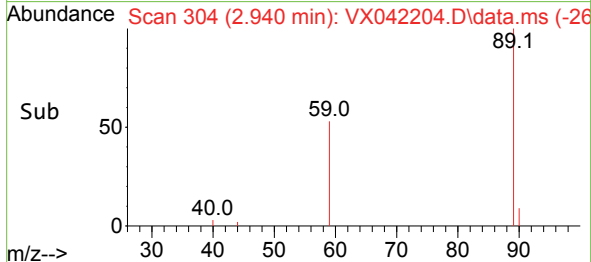
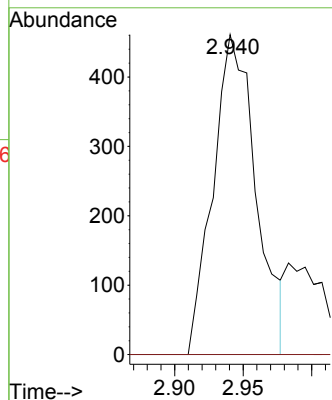
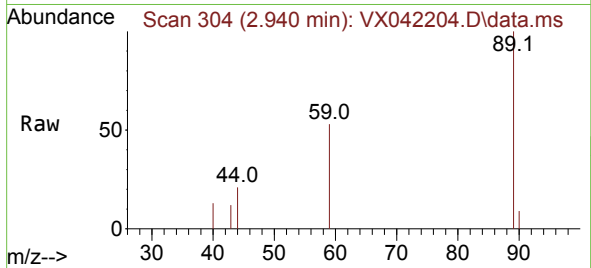




#11
Tert butyl alcohol
Concen: 3.191 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.067 min
Lab File: VX042204.D
Acq: 05 Jul 2024 11:24

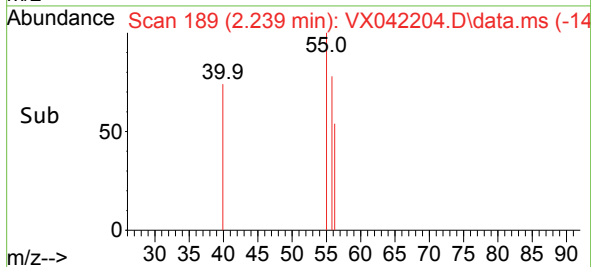
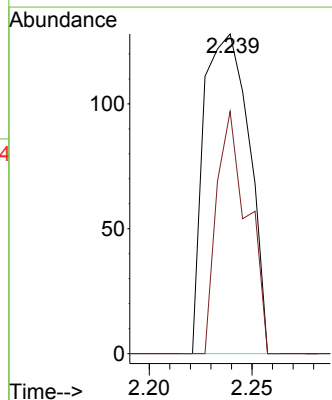
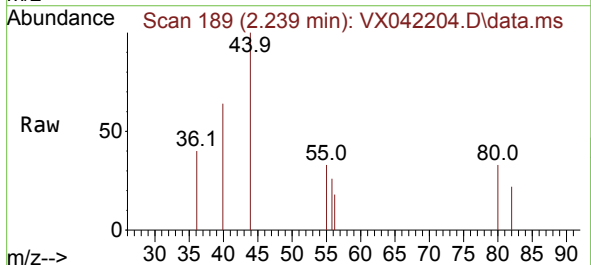
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-196-GW-815-817

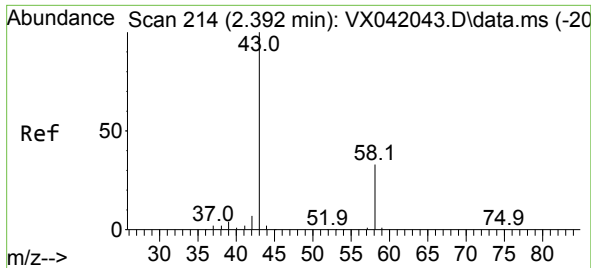
Tgt Ion: 59 Resp: 1007
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#



#13
Acrolein
Concen: 0.551 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX042204.D
Acq: 05 Jul 2024 11:24

Tgt Ion: 56 Resp: 195
Ion Ratio Lower Upper
56 100
55 51.8 57.1 85.7#

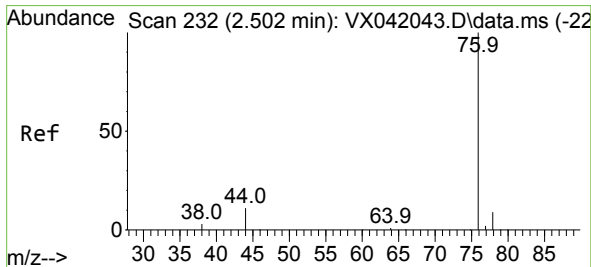
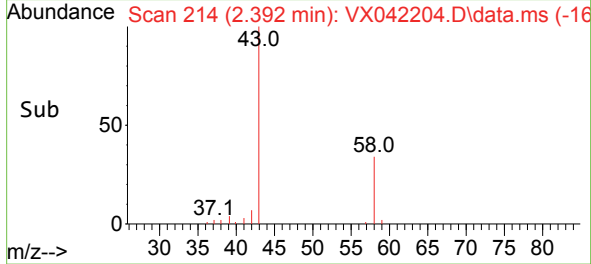
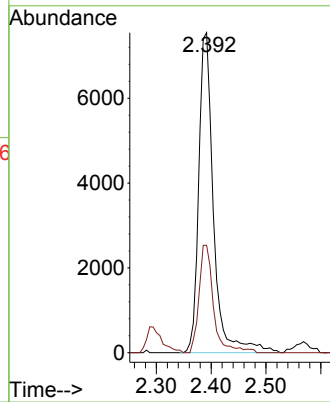
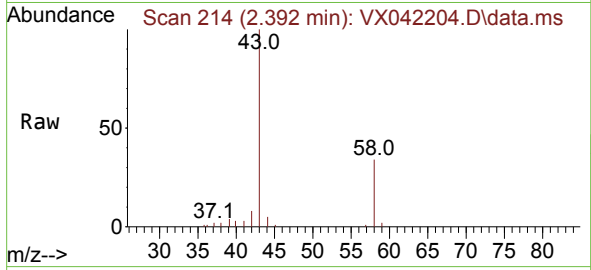




#16
Acetone
Concen: 19.373 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX042204.D
Acq: 05 Jul 2024 11:24

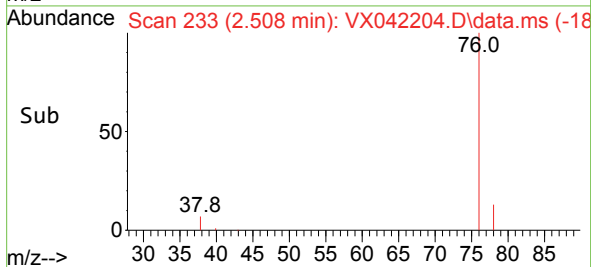
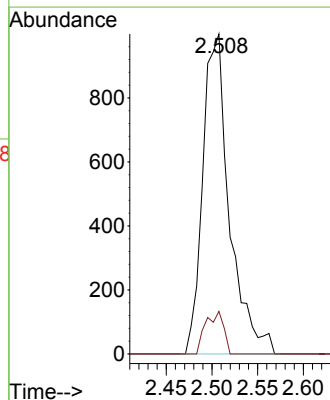
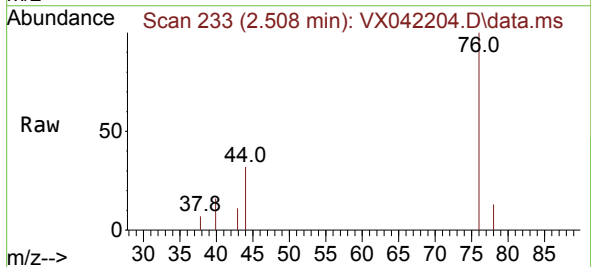
Instrument : MSVOA_X
ClientSampleId : BP-VPB-196-GW-815-817

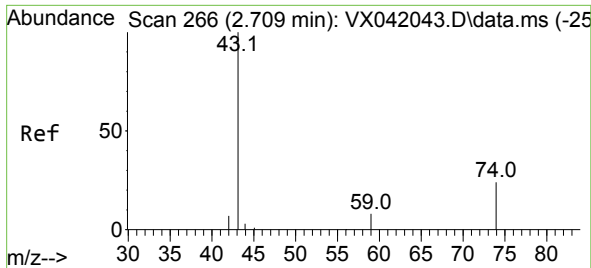
Tgt Ion: 43 Resp: 14144
Ion Ratio Lower Upper
43 100
58 33.5 21.9 32.9#



#17
Carbon Disulfide
Concen: 0.798 ug/l
RT: 2.508 min Scan# 233
Delta R.T. 0.006 min
Lab File: VX042204.D
Acq: 05 Jul 2024 11:24

Tgt Ion: 76 Resp: 2024
Ion Ratio Lower Upper
76 100
78 13.3 7.0 10.6#

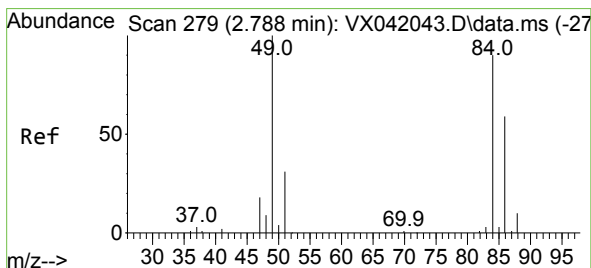
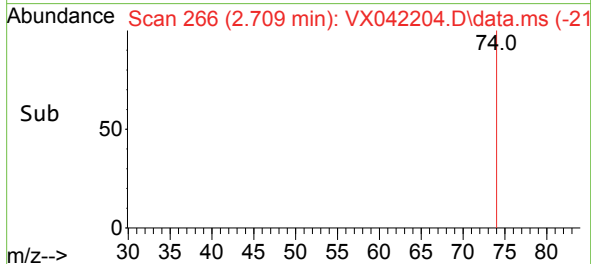
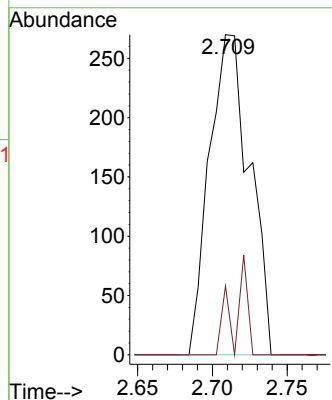
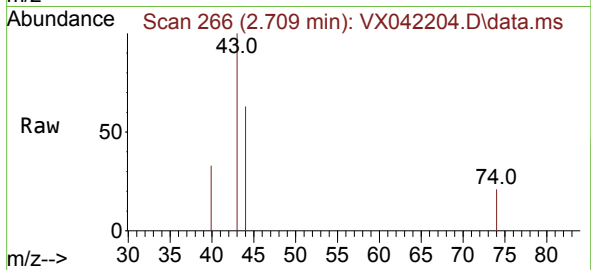




#18
Methyl Acetate
Concen: 0.254 ug/l
RT: 2.709 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX042204.D
Acq: 05 Jul 2024 11:24

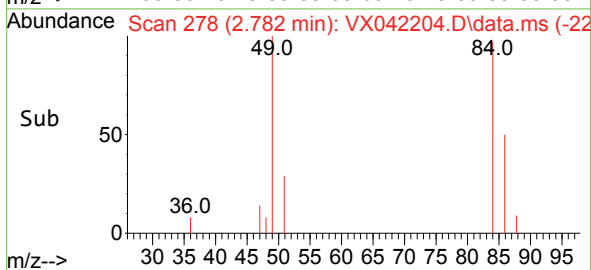
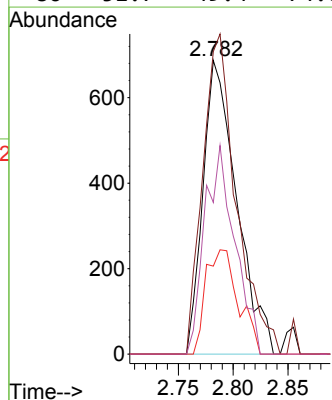
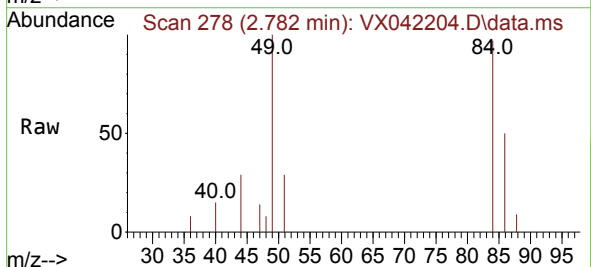
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-196-GW-815-817

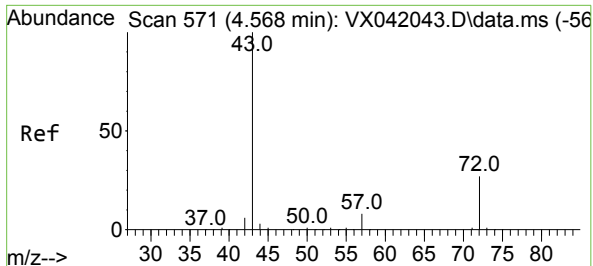
Tgt Ion: 43 Resp: 505
Ion Ratio Lower Upper
43 100
74 4.2 17.8 26.8#



#20
Methylene Chloride
Concen: 0.921 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX042204.D
Acq: 05 Jul 2024 11:24

Tgt Ion: 84 Resp: 1473
Ion Ratio Lower Upper
84 100
49 103.1 103.6 155.4#
51 30.0 33.8 50.6#
86 51.7 49.4 74.0

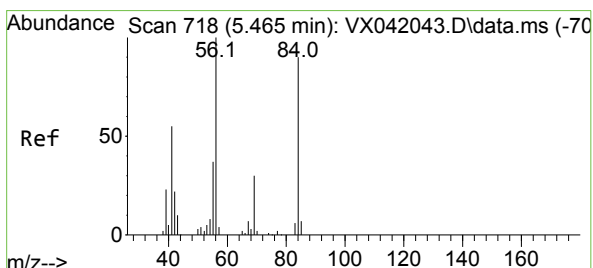
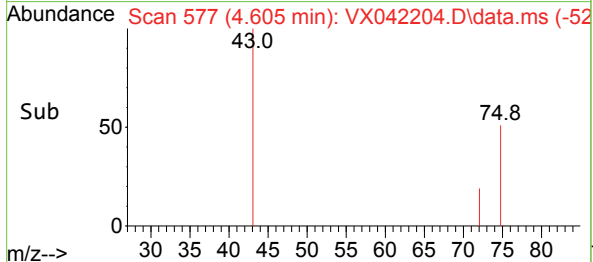
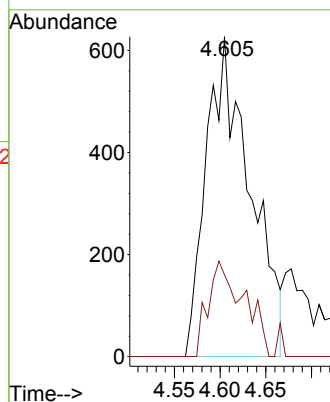
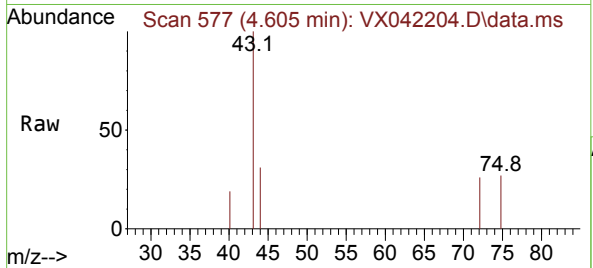




#25
2-Butanone
Concen: 1.836 ug/l
RT: 4.605 min Scan# 51
Delta R.T. 0.030 min
Lab File: VX042204.D
Acq: 05 Jul 2024 11:24

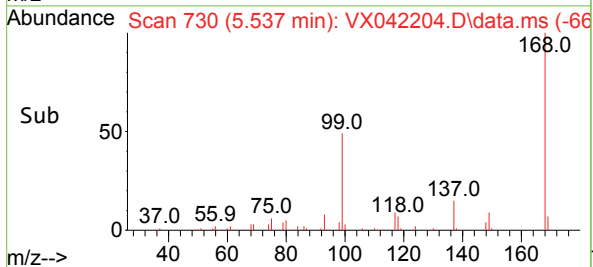
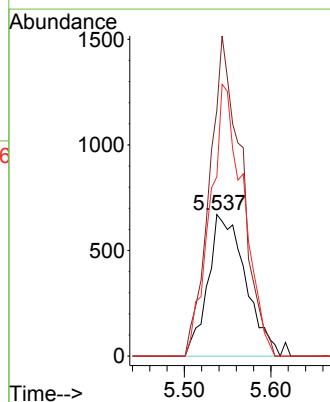
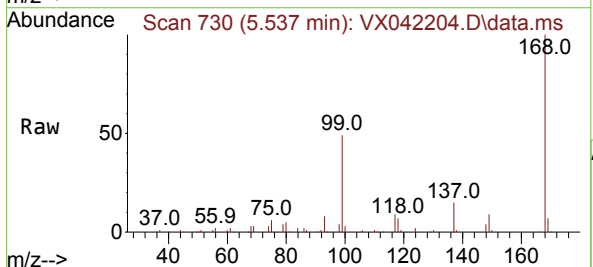
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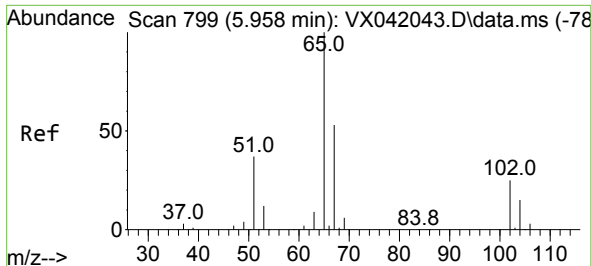
Tgt Ion: 43 Resp: 2085
Ion Ratio Lower Upper
43 100
72 25.5 19.4 29.2



#31
Cyclohexane
Concen: 1.034 ug/l
RT: 5.537 min Scan# 730
Delta R.T. 0.073 min
Lab File: VX042204.D
Acq: 05 Jul 2024 11:24

Tgt Ion: 56 Resp: 2011
Ion Ratio Lower Upper
56 100
69 173.7 23.4 35.2#
84 126.7 65.9 98.9#

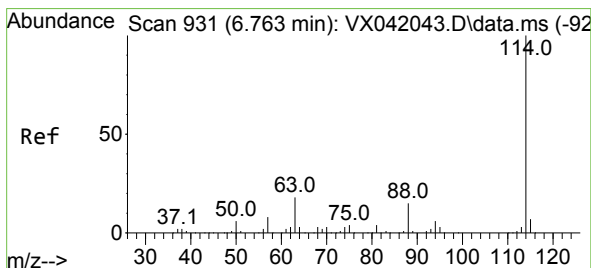
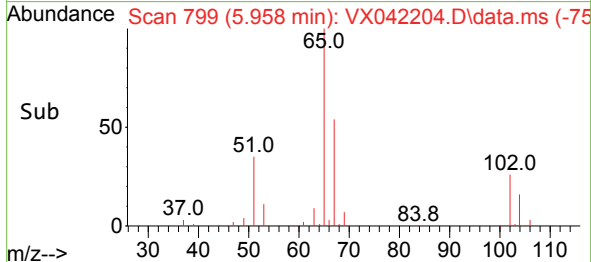
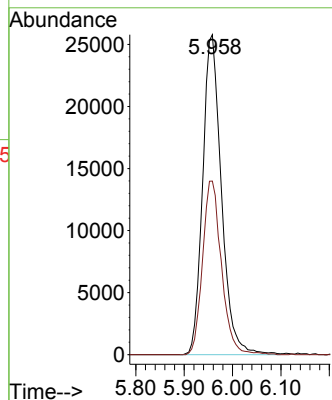
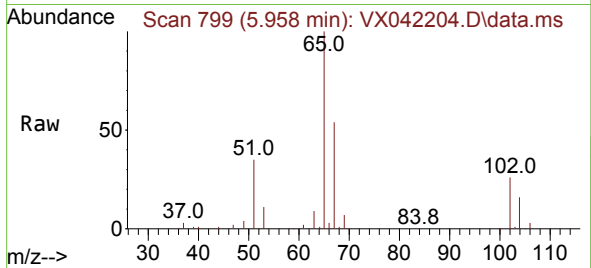




#33
1,2-Dichloroethane-d4
Concen: 41.824 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX042204.D
Acq: 05 Jul 2024 11:24

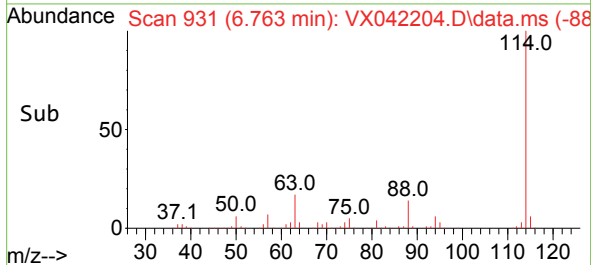
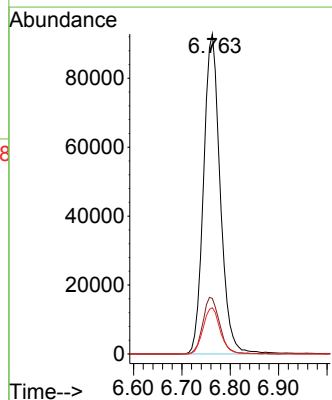
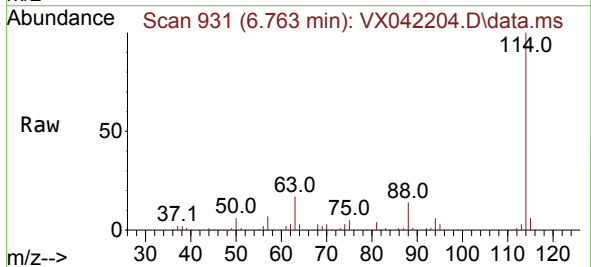
Instrument :
MSVOA_X
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BP-VPB-196-GW-815-817

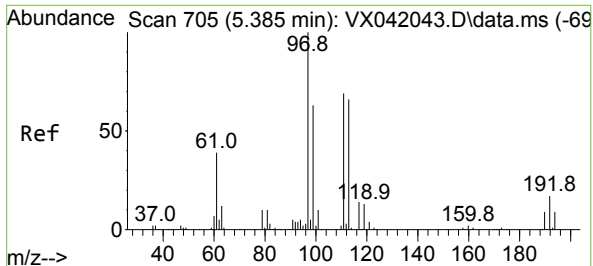
Tgt Ion: 65 Resp: 69542
Ion Ratio Lower Upper
65 100
67 54.6 0.0 100.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: VX042204.D
Acq: 05 Jul 2024 11:24

Tgt Ion: 114 Resp: 222022
Ion Ratio Lower Upper
114 100
63 17.4 0.0 45.0
88 14.4 0.0 36.6





#35

Dibromofluoromethane

Concen: 43.319 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.006 min

Lab File: VX042204.D

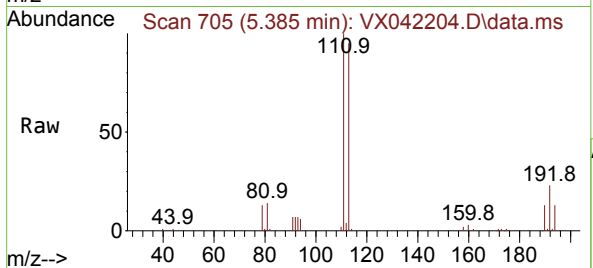
Acq: 05 Jul 2024 11:24

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-196-GW-815-817



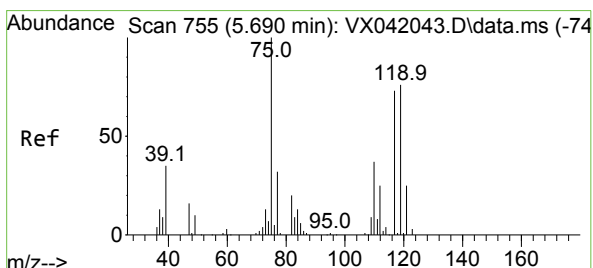
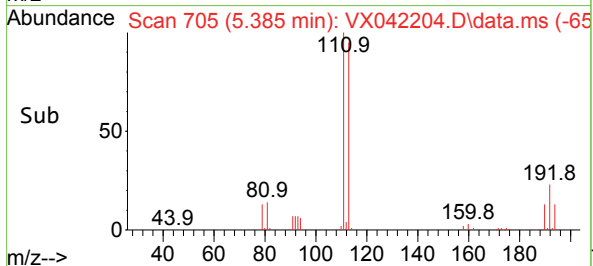
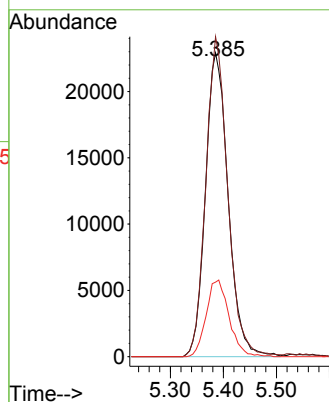
Tgt Ion:113 Resp: 68243

Ion Ratio Lower Upper

113 100

111 101.8 82.9 124.3

192 25.4 13.3 19.9#



#36

1,1-Dichloropropene

Concen: 4.959 ug/l

RT: 5.544 min Scan# 731

Delta R.T. -0.146 min

Lab File: VX042204.D

Acq: 05 Jul 2024 11:24

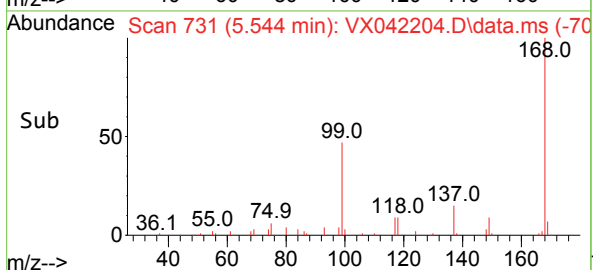
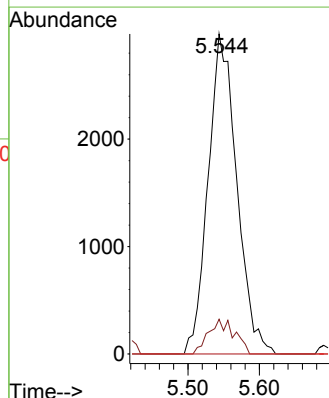
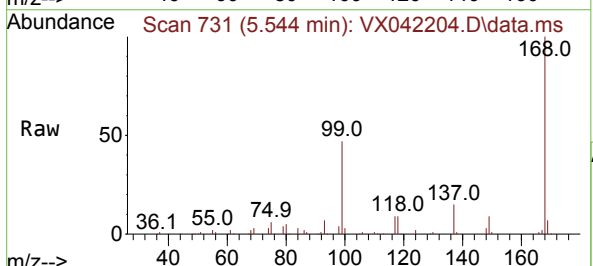
Tgt Ion: 75 Resp: 8296

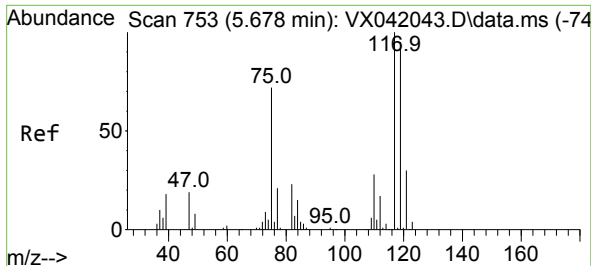
Ion Ratio Lower Upper

75 100

110 9.8 17.0 50.9#

77 0.0 24.7 37.1#

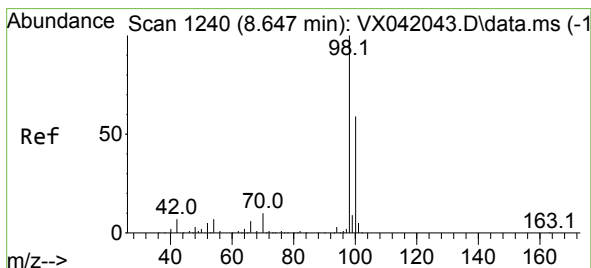
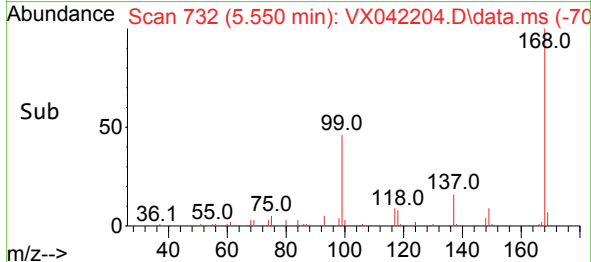
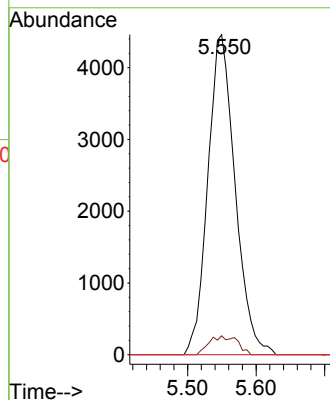
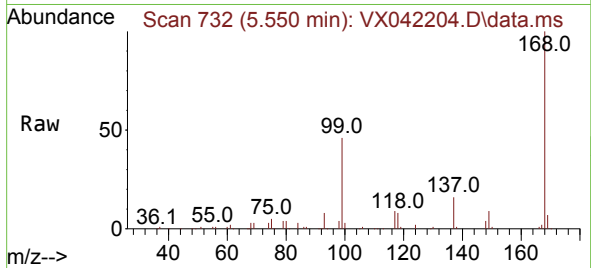




#38
Carbon Tetrachloride
Concen: 6.678 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX042204.D
Acq: 05 Jul 2024 11:24

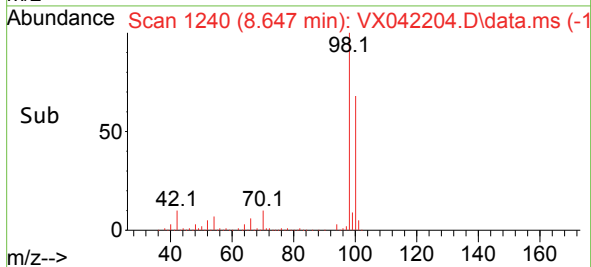
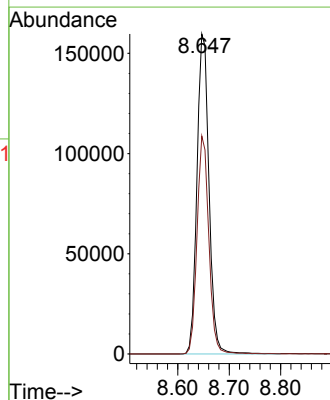
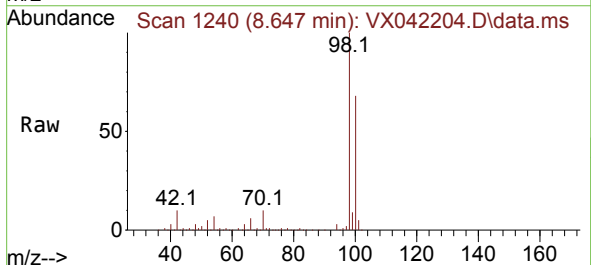
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-196-GW-815-817

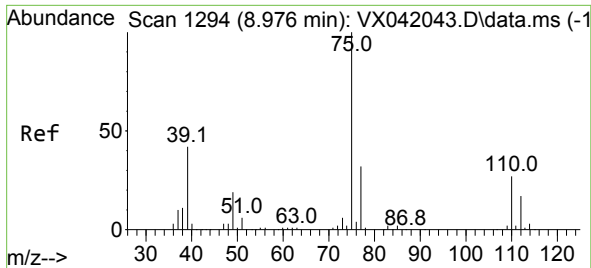
Tgt Ion:117 Resp: 12343
Ion Ratio Lower Upper
117 100
119 5.9 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 46.919 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX042204.D
Acq: 05 Jul 2024 11:24

Tgt Ion: 98 Resp: 259665
Ion Ratio Lower Upper
98 100
100 66.8 53.1 79.7

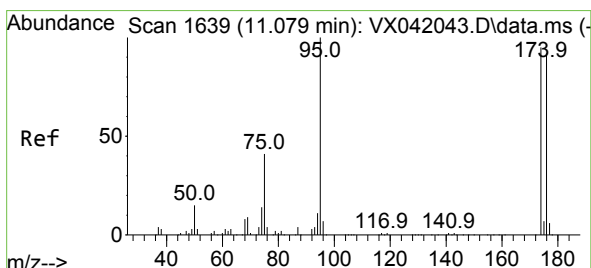
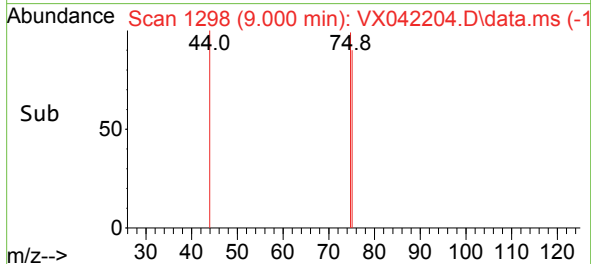
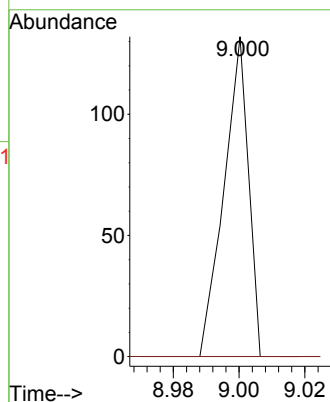
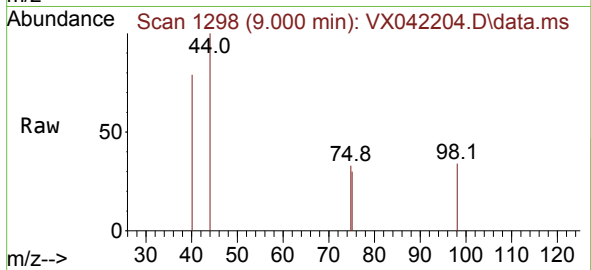




#53
t-1,3-Dichloropropene
Concen: 0.926 ug/l
RT: 9.000 min Scan# 11
Delta R.T. 0.018 min
Lab File: VX042204.D
Acq: 05 Jul 2024 11:24

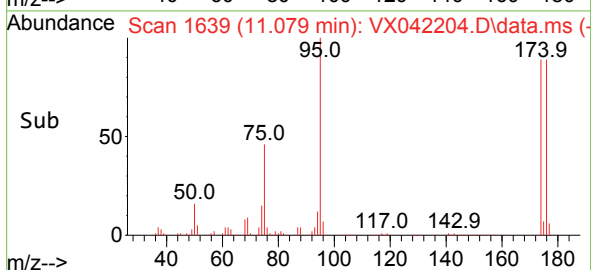
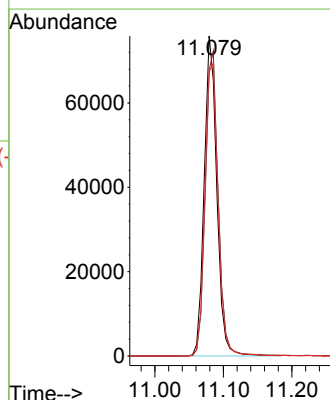
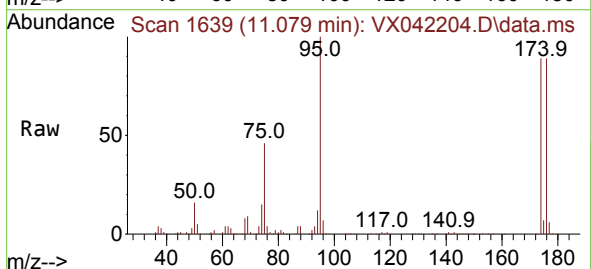
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-196-GW-815-817

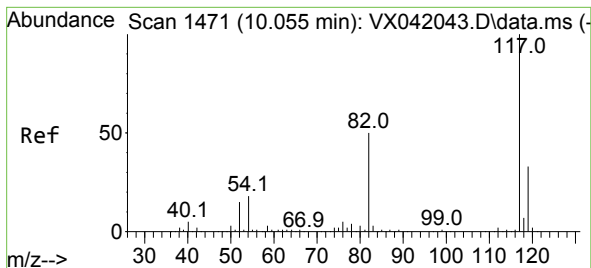
Tgt Ion: 75 Resp: 68
Ion Ratio Lower Upper
75 100
77 0.0 25.7 38.5#



#62
4-Bromofluorobenzene
Concen: 47.593 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX042204.D
Acq: 05 Jul 2024 11:24

Tgt Ion: 95 Resp: 97095
Ion Ratio Lower Upper
95 100
174 98.5 0.0 135.6
176 95.8 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: VX042204.D

Acq: 05 Jul 2024 11:24

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-196-GW-815-817

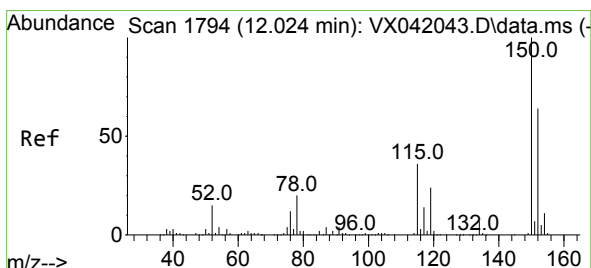
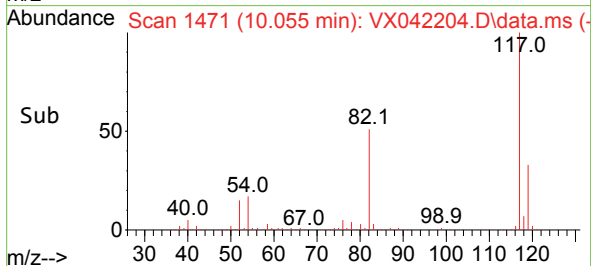
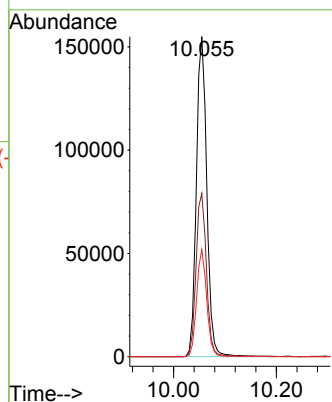
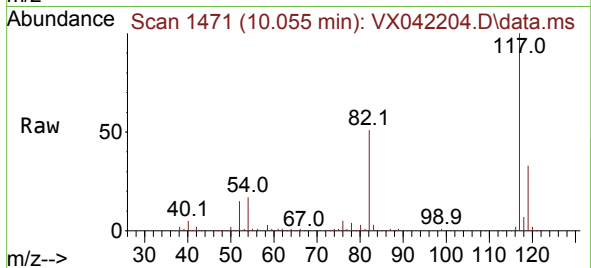
Tgt Ion:117 Resp: 218824

Ion Ratio Lower Upper

117 100

82 51.0 46.2 69.4

119 33.5 25.5 38.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX042204.D

Acq: 05 Jul 2024 11:24

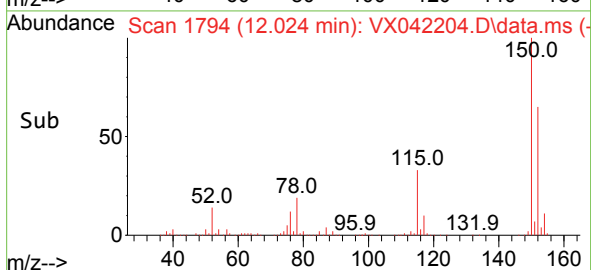
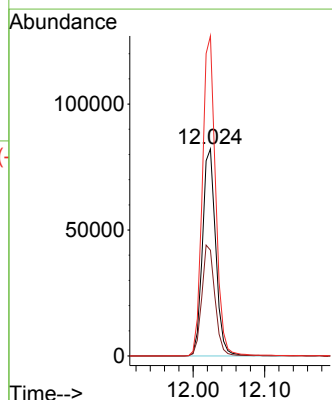
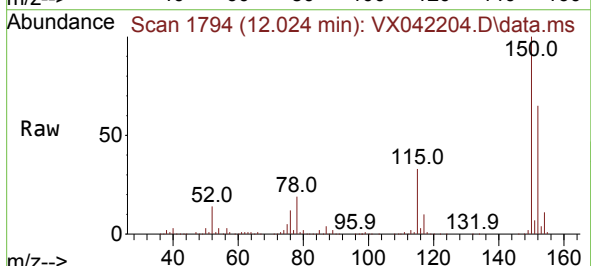
Tgt Ion:152 Resp: 106061

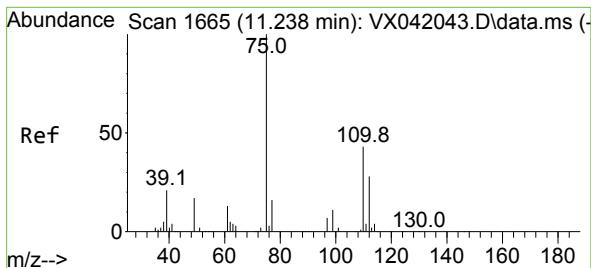
Ion Ratio Lower Upper

152 100

115 53.2 43.3 129.9

150 154.7 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 23.072 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX042204.D

Acq: 05 Jul 2024 11:24

Instrument :

MSVOA_X

ClientSampleId :

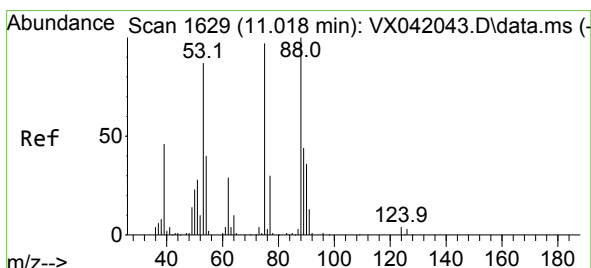
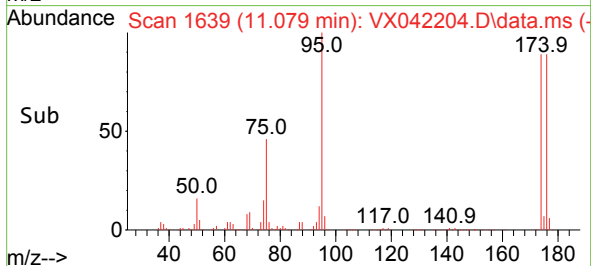
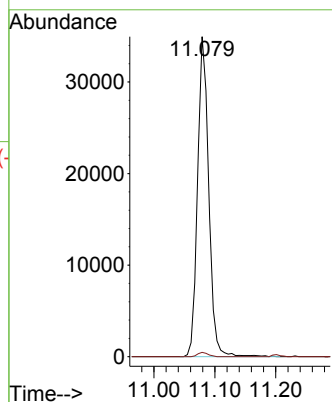
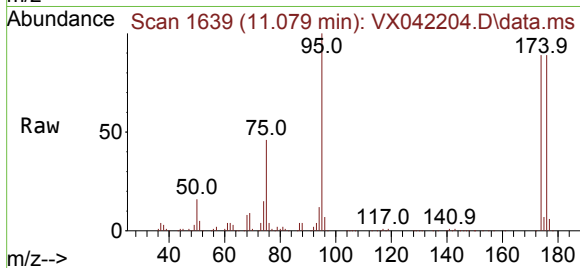
BP-VPB-196-GW-815-817

Tgt Ion: 75 Resp: 44424

Ion Ratio Lower Upper

75 100

77 1.3 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 65.523 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX042204.D

Acq: 05 Jul 2024 11:24

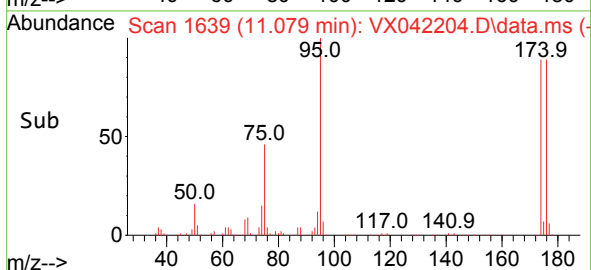
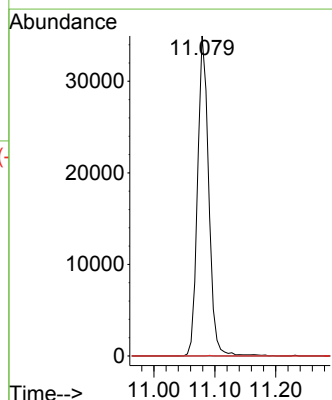
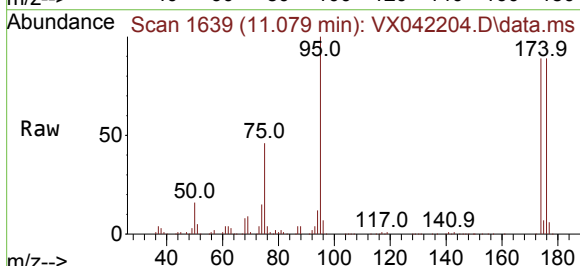
Tgt Ion: 75 Resp: 44424

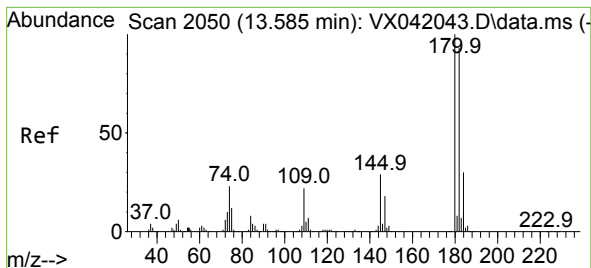
Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.1 36.9 55.3#





#93

1,2,4-Trichlorobenzene

Concen: 0.312 ug/l

RT: 13.597 min Scan# 2050

Delta R.T. 0.012 min

Lab File: VX042204.D

Acq: 05 Jul 2024 11:24

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-196-GW-815-817

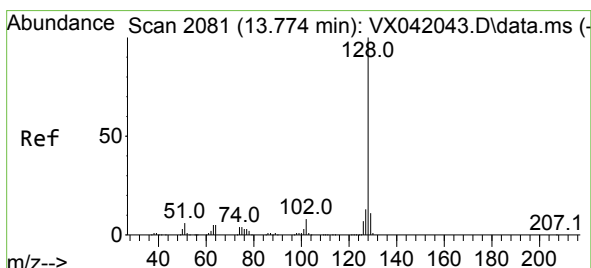
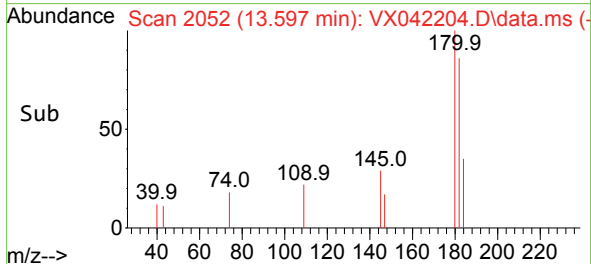
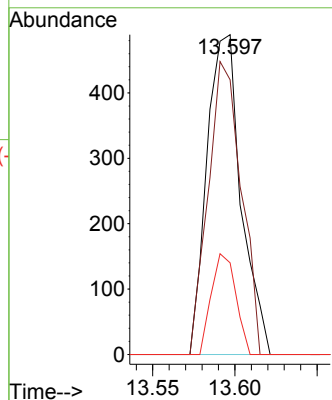
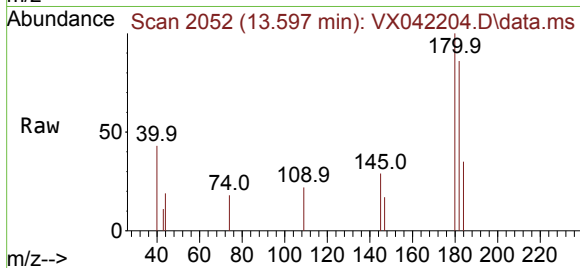
Tgt Ion:180 Resp: 705

Ion Ratio Lower Upper

180 100

182 88.8 48.3 144.8

145 22.6 18.0 54.0



#95

Naphthalene

Concen: 1.109 ug/l

RT: 13.780 min Scan# 2082

Delta R.T. 0.006 min

Lab File: VX042204.D

Acq: 05 Jul 2024 11:24

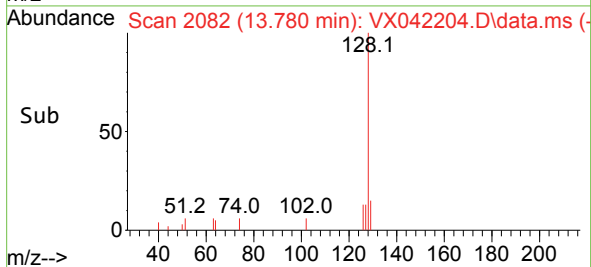
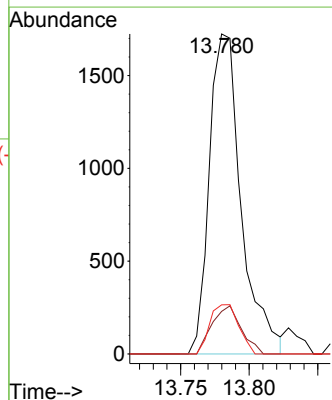
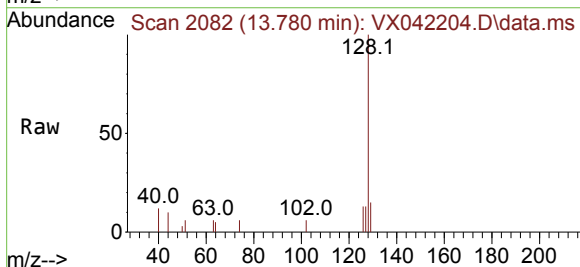
Tgt Ion:128 Resp: 2787

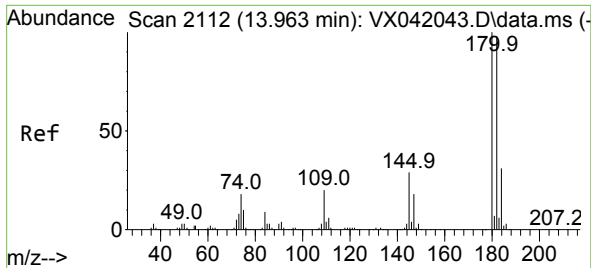
Ion Ratio Lower Upper

128 100

127 13.7 10.3 15.5

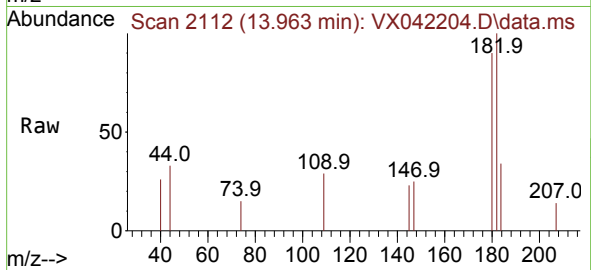
129 13.9 8.8 13.2#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.288 ug/l
 RT: 13.963 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VX042204.D
 Acq: 05 Jul 2024 11:24

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-196-GW-815-817



Tgt Ion:	180	Resp:	688
Ion	Ratio	Lower	Upper
180	100		
182	96.8	46.9	140.6
145	23.5	17.8	53.5

