

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042123\
 Data File : VX035233.D
 Acq On : 21 Apr 2023 16:03
 Operator : JC/MD
 Sample : 02429-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 230419054-04-TRIP-BLANK

Quant Time: Apr 22 01:06:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032923W.M
 Quant Title : SW846 8260
 QLast Update : Sat Apr 01 01:50:18 2023
 Response via : Initial Calibration

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

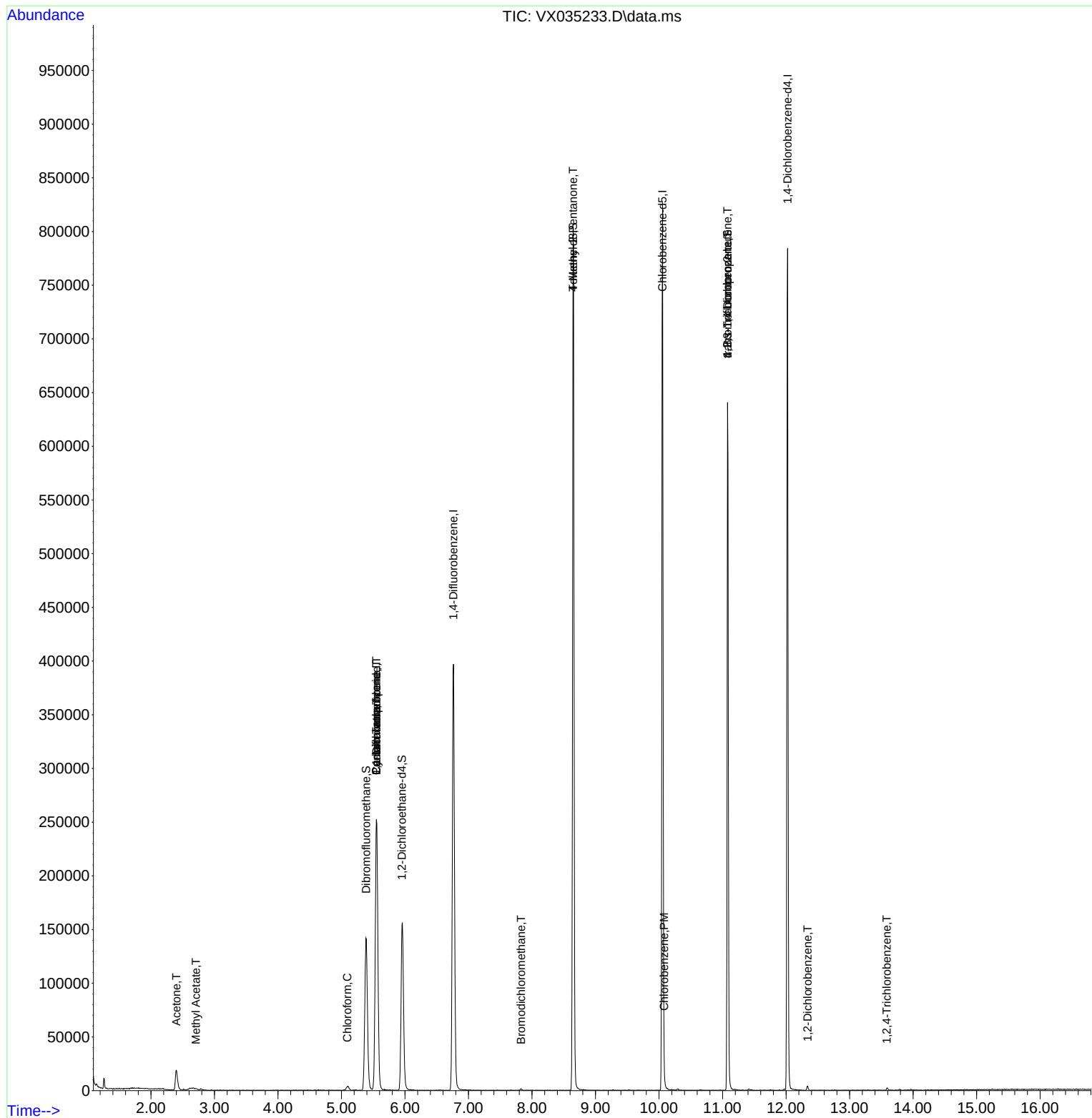
Internal Standards						
1) Pentafluorobenzene	5.550	168	249762	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	417165	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	375578	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	171722	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	152066	39.810	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	79.620%		
35) Dibromofluoromethane	5.385	113	125552	45.503	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	91.000%		
50) Toluene-d8	8.647	98	488260	47.942	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	95.880%		
62) 4-Bromofluorobenzene	11.079	95	181937	46.164	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	92.320%		
Target Compounds						Qvalue
16) Acetone	2.398	43	29227	18.835	ug/l	96
18) Methyl Acetate	2.709	43	1180	0.214	ug/l #	80
30) Chloroform	5.092	83	4771	0.861	ug/l	96
31) Cyclohexane	5.550	56	4961	1.067	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	18651	4.563	ug/l #	50
38) Carbon Tetrachloride	5.550	117	24685	6.405	ug/l #	16
47) Bromodichloromethane	7.830	83	1096	0.282	ug/l #	68
51) 4-Methyl-2-Pentanone	8.647	43	2070	0.489	ug/l #	1
65) Chlorobenzene	10.079	112	2131	0.273	ug/l #	86
76) 1,2,3-Trichloropropane	11.079	75	89240	25.791	ug/l #	35
81) trans-1,4-Dichloro-2-b...	11.079	75	89240	77.295	ug/l #	8
91) 1,2-Dichlorobenzene	12.341	146	1536	0.270	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	827	0.257	ug/l	94

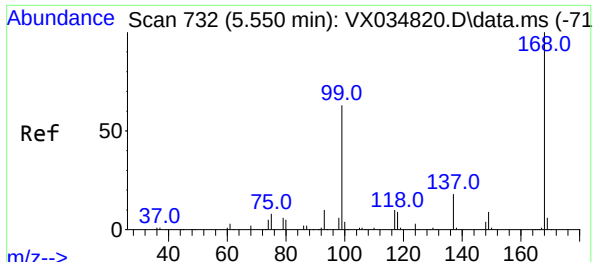
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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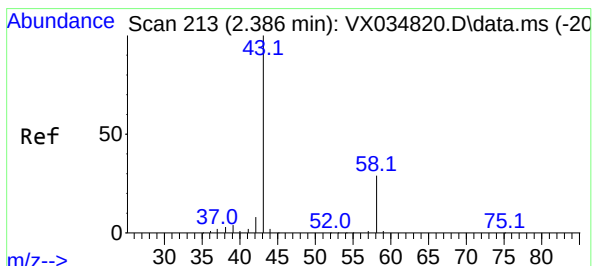
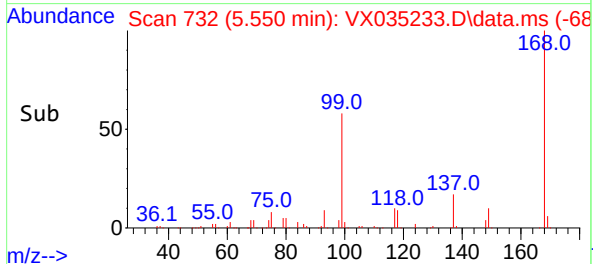
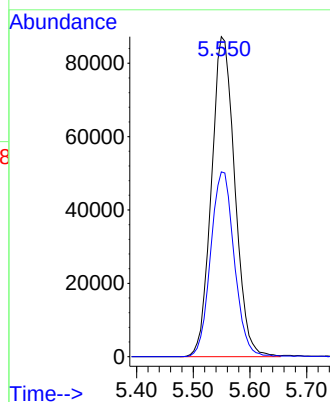
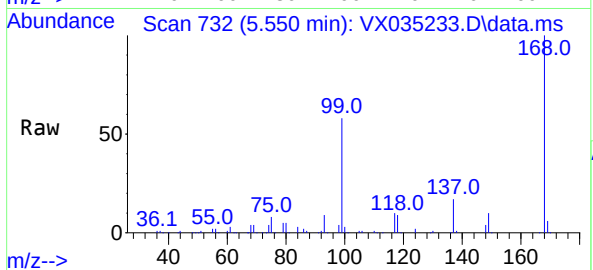




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX035233.D
Acq: 21 Apr 2023 16:03

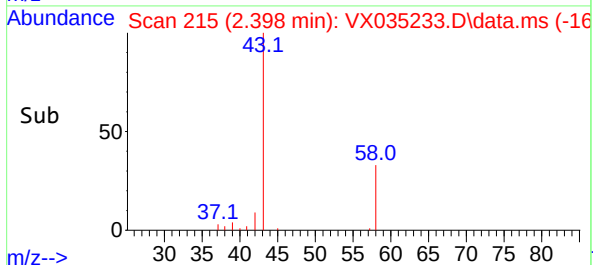
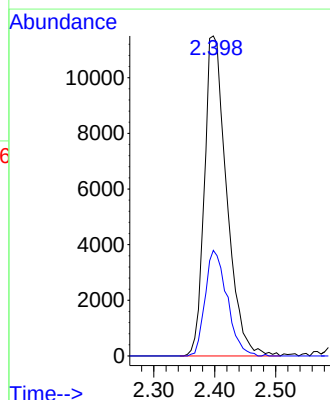
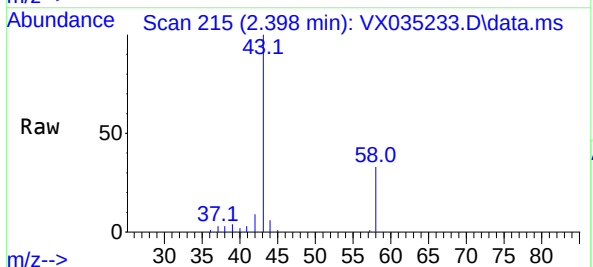
Instrument :
MSVOA_X
ClientSampleId :
230419054-04-TRIP-BLANK

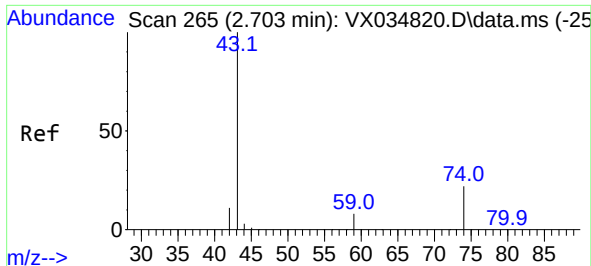
Tgt Ion:168 Resp: 249762
Ion Ratio Lower Upper
168 100
99 57.8 45.7 68.5



#16
Acetone
Concen: 18.835 ug/l
RT: 2.398 min Scan# 215
Delta R.T. 0.012 min
Lab File: VX035233.D
Acq: 21 Apr 2023 16:03

Tgt Ion: 43 Resp: 29227
Ion Ratio Lower Upper
43 100
58 33.0 24.7 37.1

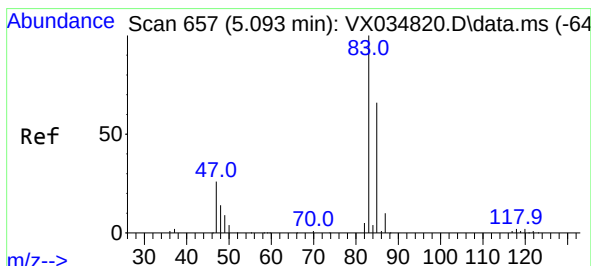
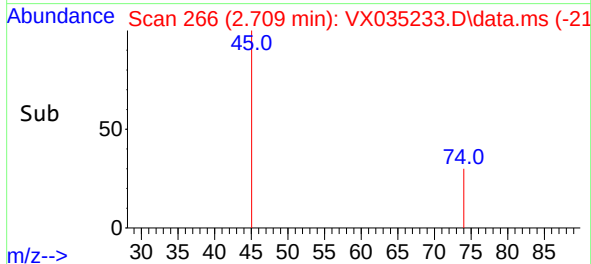
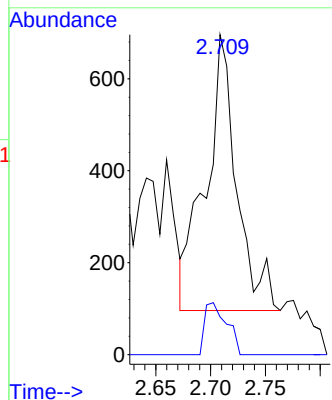
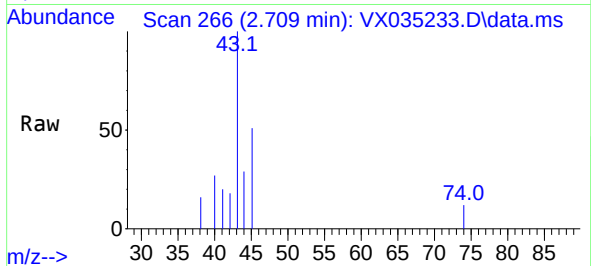




#18
Methyl Acetate
Concen: 0.214 ug/l
RT: 2.709 min Scan# 218
Delta R.T. 0.006 min
Lab File: VX035233.D
Acq: 21 Apr 2023 16:03

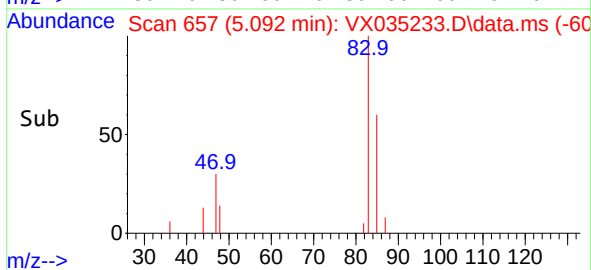
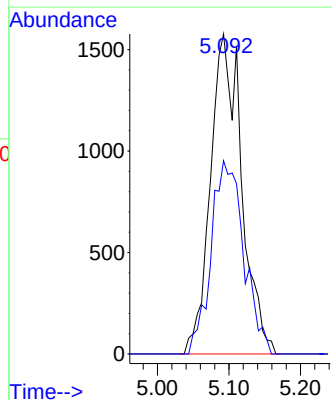
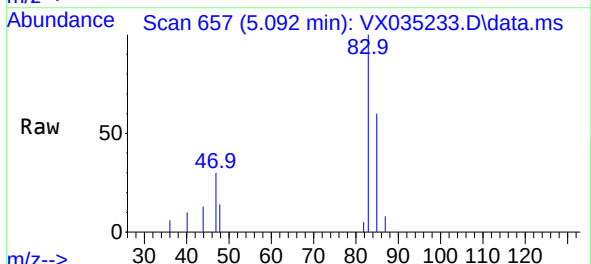
Instrument :
MSVOA_X
ClientSampleId :
230419054-04-TRIP-BLANK

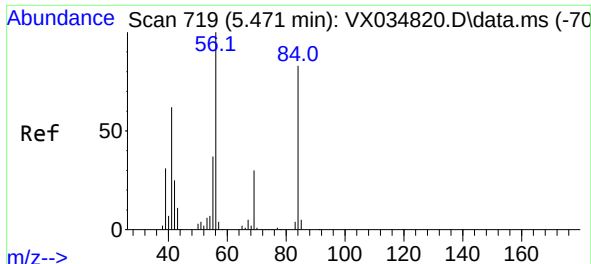
Tgt Ion: 43 Resp: 1180
Ion Ratio Lower Upper
43 100
74 13.4 18.3 27.5#



#30
Chloroform
Concen: 0.861 ug/l
RT: 5.092 min Scan# 657
Delta R.T. -0.000 min
Lab File: VX035233.D
Acq: 21 Apr 2023 16:03

Tgt Ion: 83 Resp: 4771
Ion Ratio Lower Upper
83 100
85 60.4 50.6 76.0

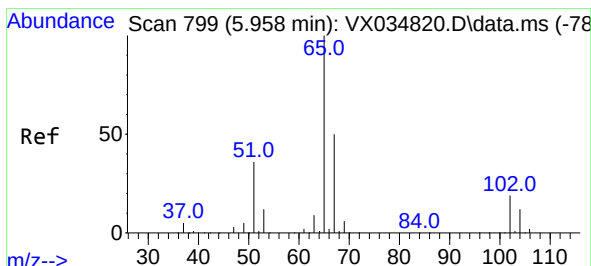
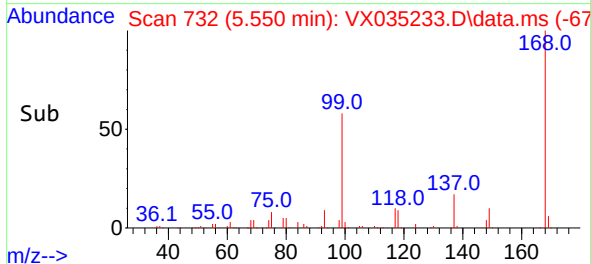
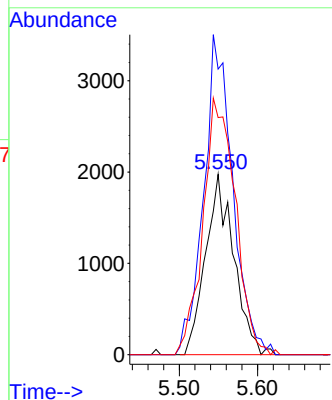
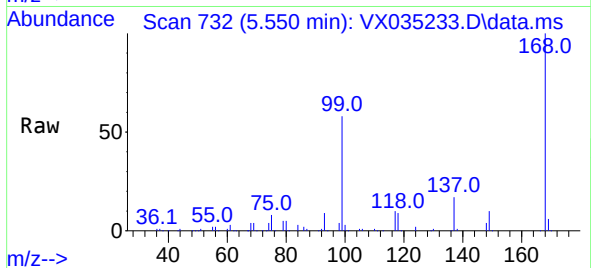




#31
Cyclohexane
Concen: 1.067 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX035233.D
Acq: 21 Apr 2023 16:03

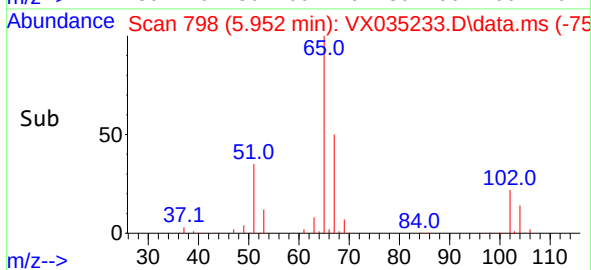
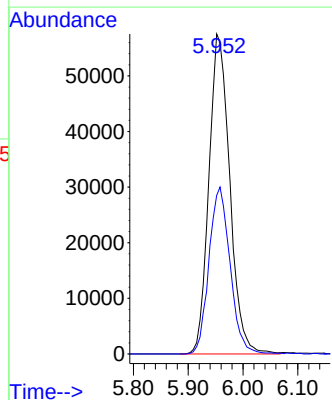
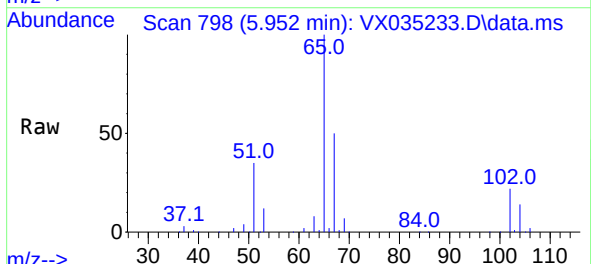
Instrument :
MSVOA_X
ClientSampleId :
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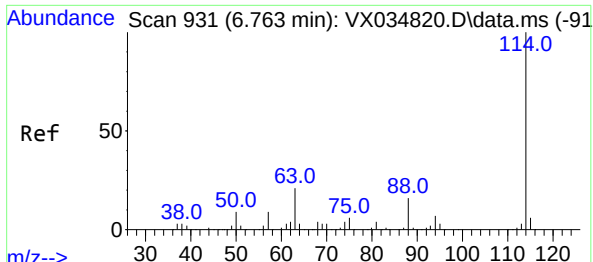
Tgt Ion: 56 Resp: 4961
Ion Ratio Lower Upper
56 100
69 158.4 23.7 35.5#
84 131.5 68.5 102.7#



#33
1,2-Dichloroethane-d4
Concen: 39.810 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX035233.D
Acq: 21 Apr 2023 16:03

Tgt Ion: 65 Resp: 152066
Ion Ratio Lower Upper
65 100
67 52.6 0.0 104.0

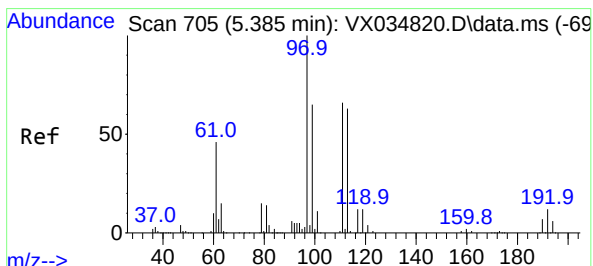
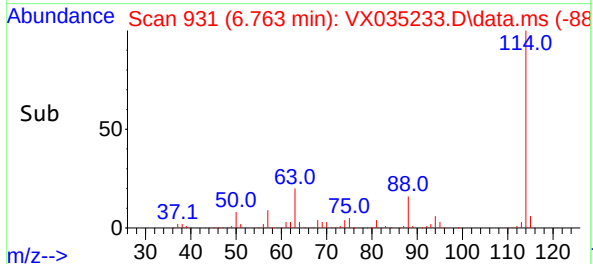
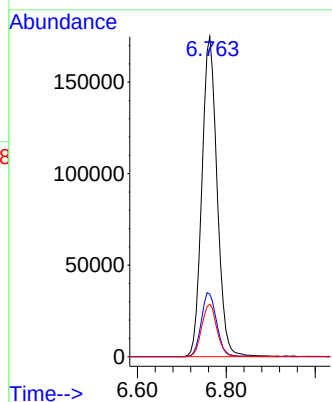
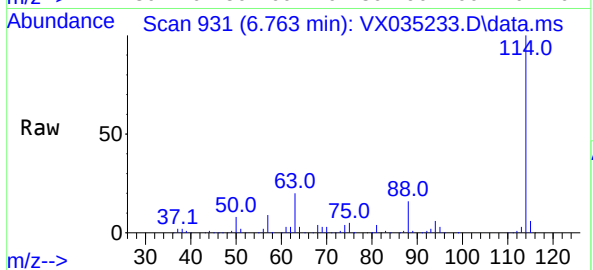




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX035233.D
Acq: 21 Apr 2023 16:03

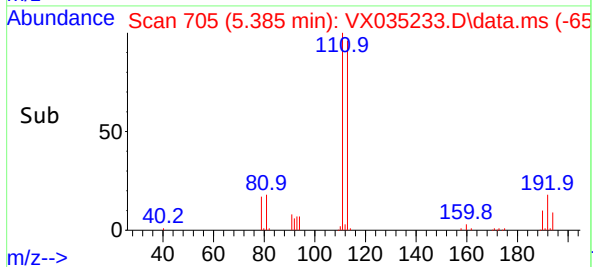
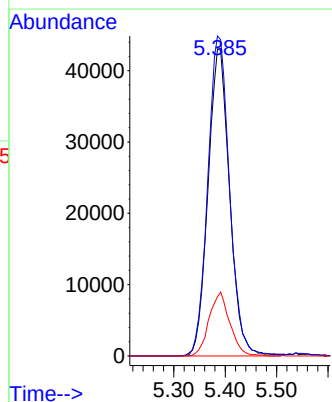
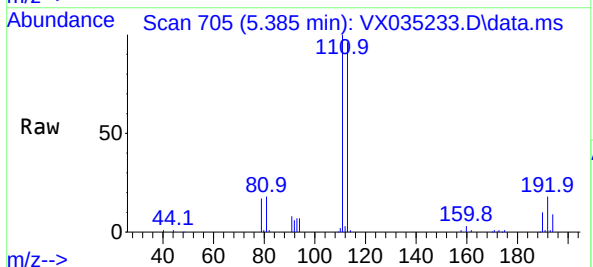
Instrument :
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ClientSampleId :
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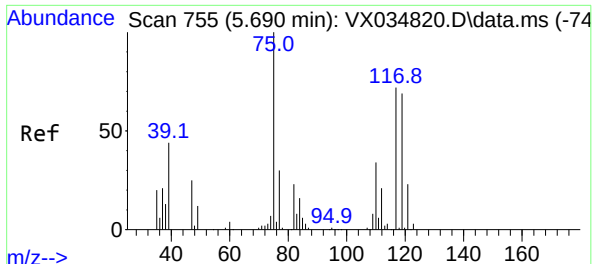
Tgt Ion:114 Resp: 417165
Ion Ratio Lower Upper
114 100
63 19.6 0.0 42.2
88 16.4 0.0 33.2



#35
Dibromofluoromethane
Concen: 45.503 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX035233.D
Acq: 21 Apr 2023 16:03

Tgt Ion:113 Resp: 125552
Ion Ratio Lower Upper
113 100
111 104.8 83.7 125.5
192 20.0 15.4 23.2





#36

1,1-Dichloropropene

Concen: 4.563 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.141 min

Lab File: VX035233.D

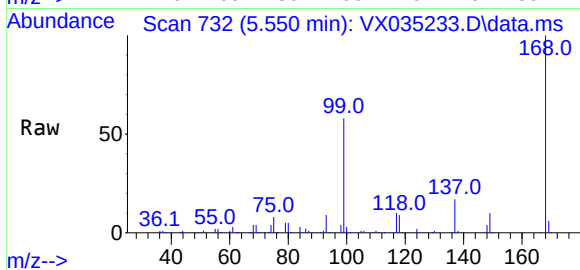
Acq: 21 Apr 2023 16:03

Instrument :

MSVOA_X

ClientSampleId :

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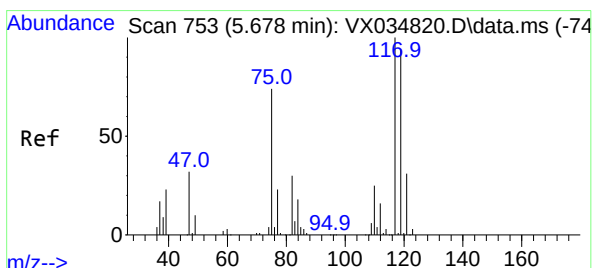
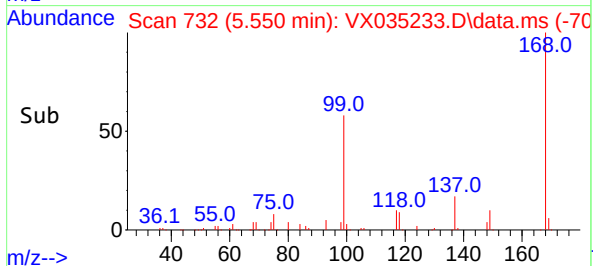
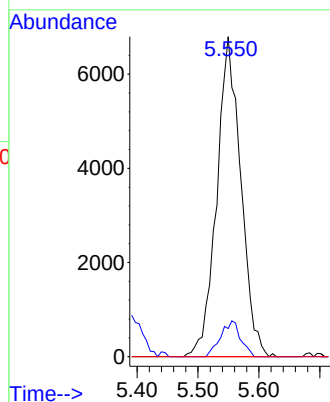
Tgt Ion: 75 Resp: 18651

Ion Ratio Lower Upper

75 100

110 9.3 17.5 52.5#

77 0.0 24.3 36.5#



#38

Carbon Tetrachloride

Concen: 6.405 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.128 min

Lab File: VX035233.D

Acq: 21 Apr 2023 16:03

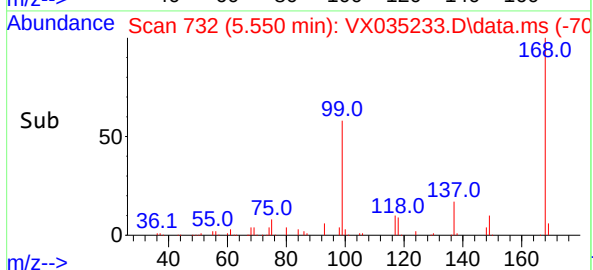
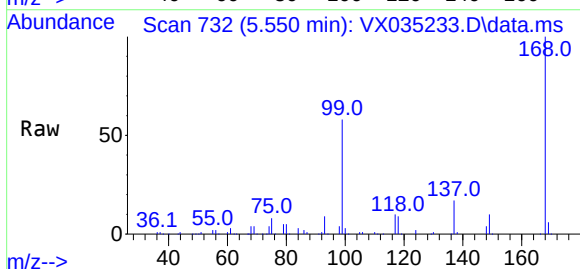
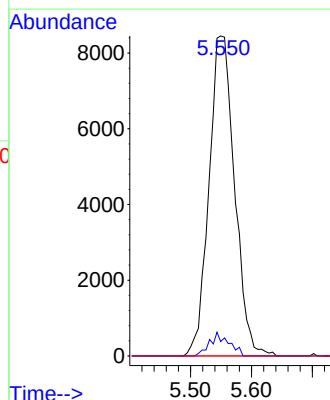
Tgt Ion: 117 Resp: 24685

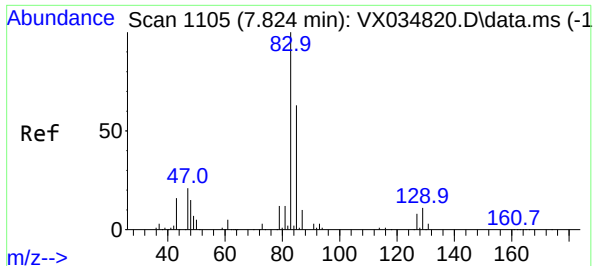
Ion Ratio Lower Upper

117 100

119 4.5 76.6 114.8#

121 0.0 23.8 35.6#

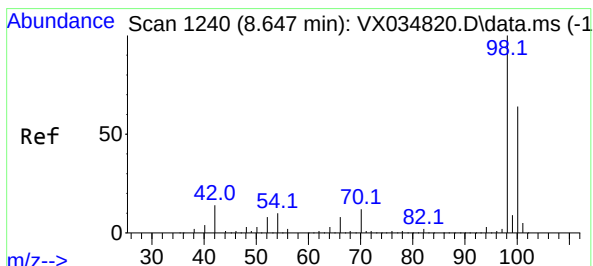
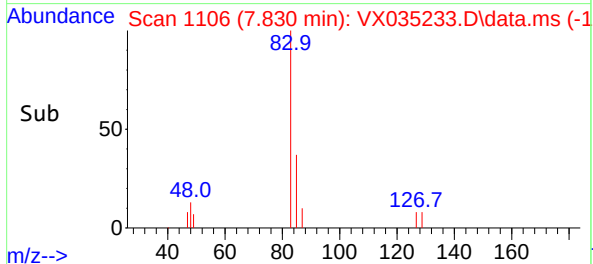
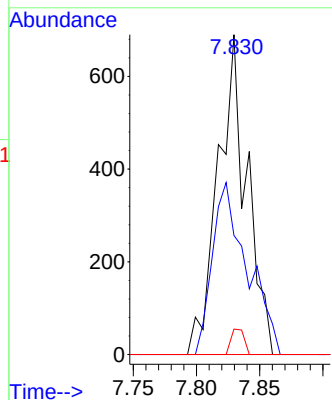
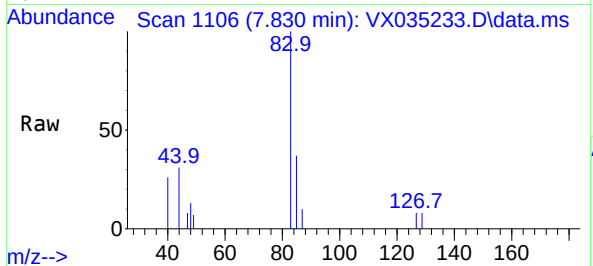




#47
Bromodichloromethane
Concen: 0.282 ug/l
RT: 7.830 min Scan# 1106
Delta R.T. 0.006 min
Lab File: VX035233.D
Acq: 21 Apr 2023 16:03

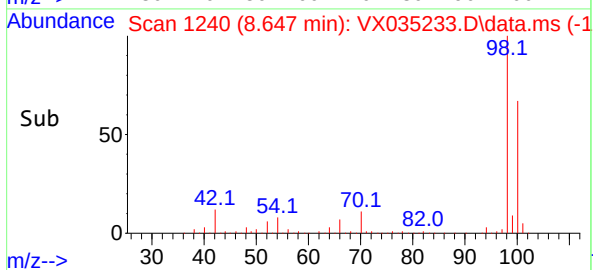
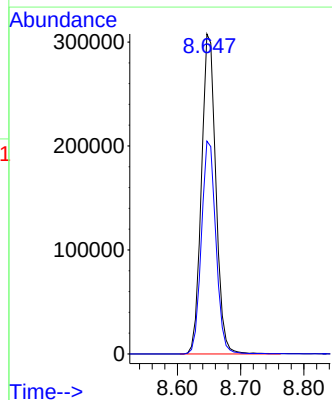
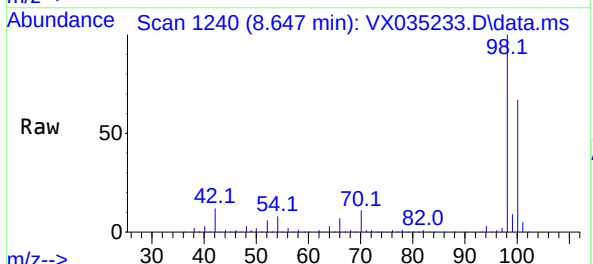
Instrument :
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230419054-04-TRIP-BLANK

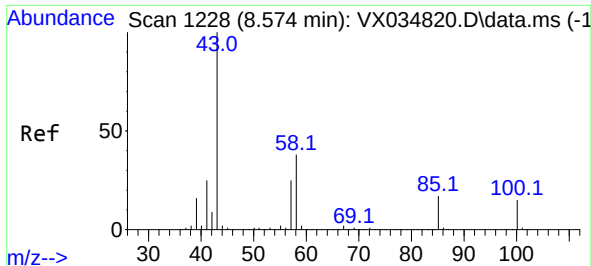
Tgt Ion: 83 Resp: 1096
Ion Ratio Lower Upper
83 100
85 37.2 52.2 78.4#
127 8.0 6.6 9.8



#50
Toluene-d8
Concen: 47.942 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX035233.D
Acq: 21 Apr 2023 16:03

Tgt Ion: 98 Resp: 488260
Ion Ratio Lower Upper
98 100
100 66.9 52.5 78.7





#51

4-Methyl-2-Pentanone

Concen: 0.489 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.073 min

Lab File: VX035233.D

Acq: 21 Apr 2023 16:03

Instrument :

MSVOA_X

ClientSampleId :

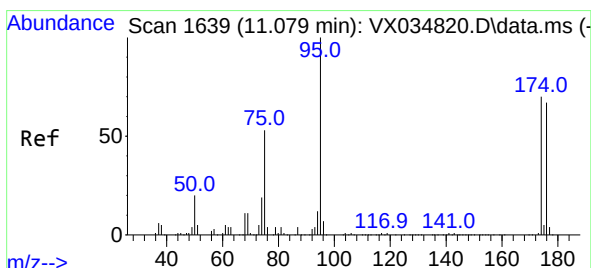
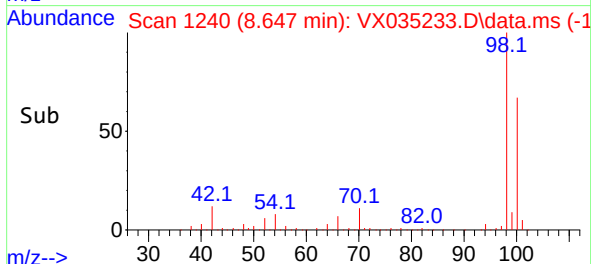
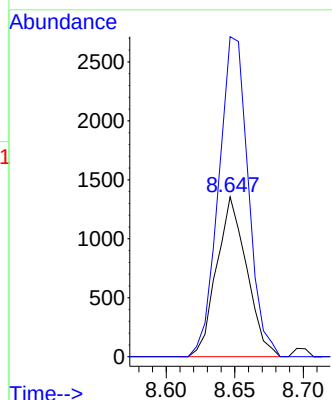
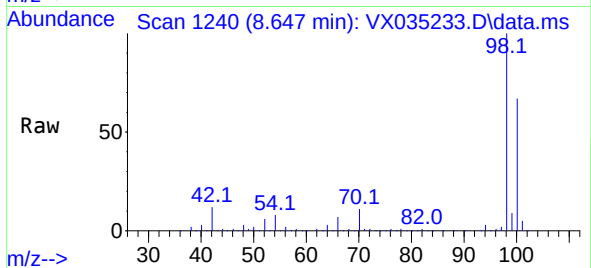
230419054-04-TRIP-BLANK

Tgt Ion: 43 Resp: 2070

Ion Ratio Lower Upper

43 100

58 197.3 30.6 46.0#



#62

4-Bromofluorobenzene

Concen: 46.164 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX035233.D

Acq: 21 Apr 2023 16:03

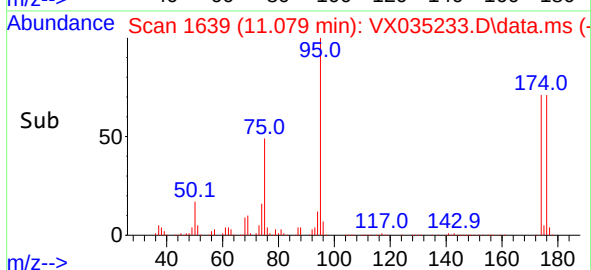
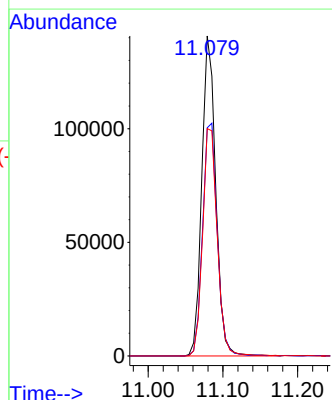
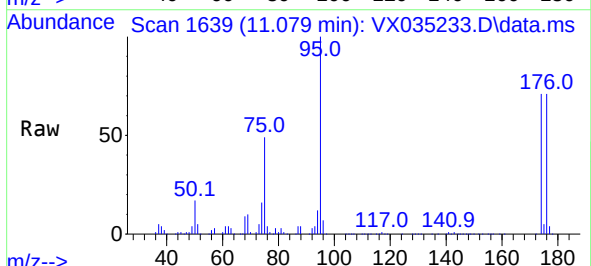
Tgt Ion: 95 Resp: 181937

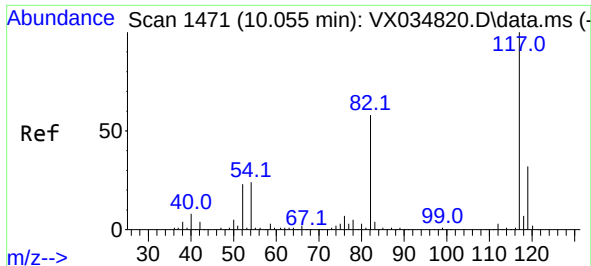
Ion Ratio Lower Upper

95 100

174 76.5 0.0 147.4

176 74.8 0.0 140.6

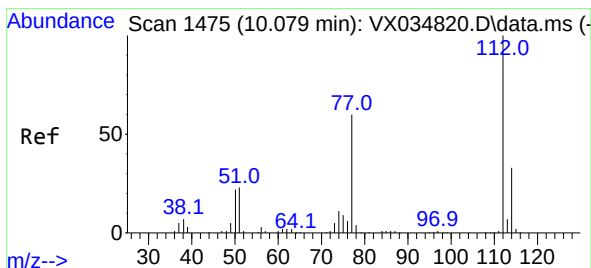
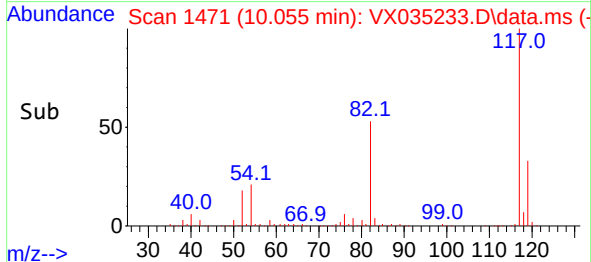
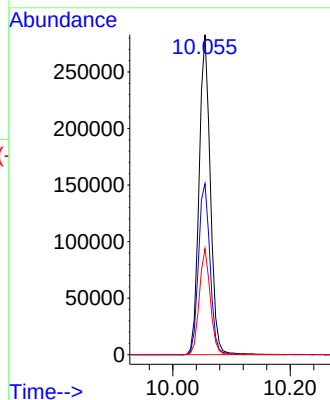
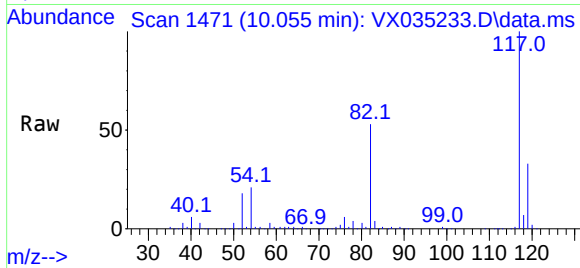




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX035233.D
Acq: 21 Apr 2023 16:03

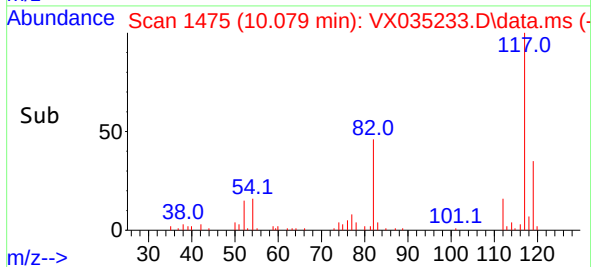
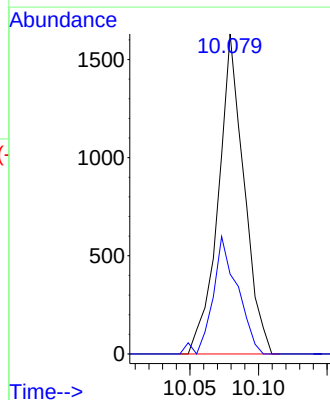
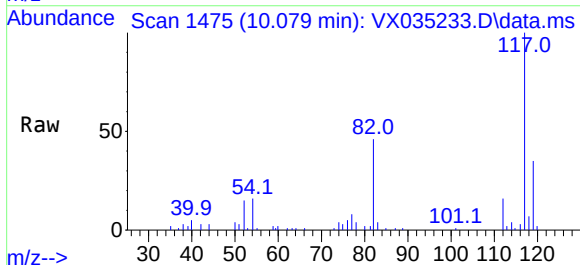
Instrument : MSVOA_X
ClientSampleId : 230419054-04-TRIP-BLANK

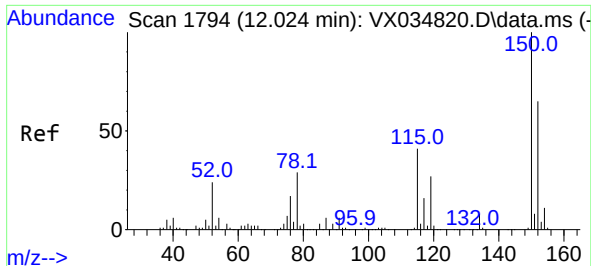
Tgt Ion:117 Resp: 375578
Ion Ratio Lower Upper
117 100
82 53.5 45.0 67.4
119 33.2 26.0 39.0



#65
Chlorobenzene
Concen: 0.273 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX035233.D
Acq: 21 Apr 2023 16:03

Tgt Ion:112 Resp: 2131
Ion Ratio Lower Upper
112 100
114 25.0 26.2 39.2#

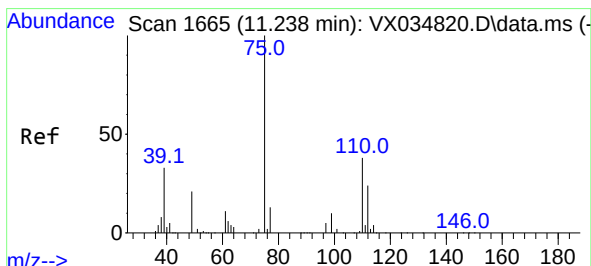
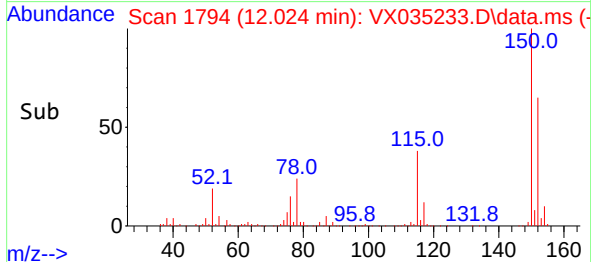
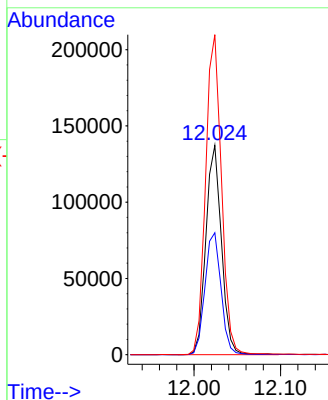
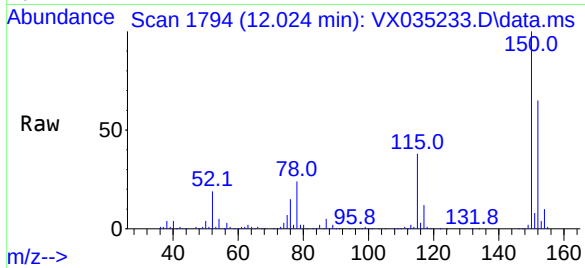




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX035233.D
Acq: 21 Apr 2023 16:03

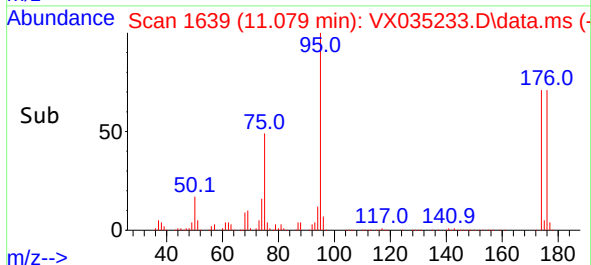
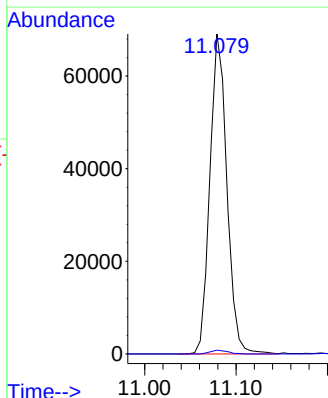
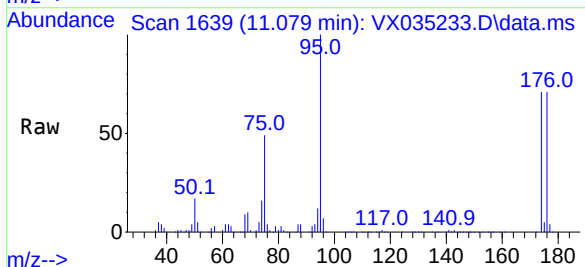
Instrument :
MSVOA_X
ClientSampleId :
230419054-04-TRIP-BLANK

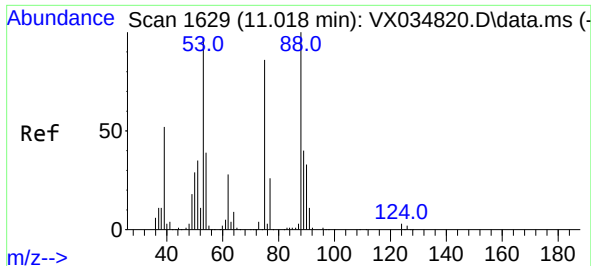
Tgt Ion:152 Resp: 171722
Ion Ratio Lower Upper
152 100
115 60.2 45.0 135.0
150 155.7 0.0 352.4



#76
1,2,3-Trichloropropane
Concen: 25.791 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX035233.D
Acq: 21 Apr 2023 16:03

Tgt Ion: 75 Resp: 89240
Ion Ratio Lower Upper
75 100
77 1.2 21.6 64.8#

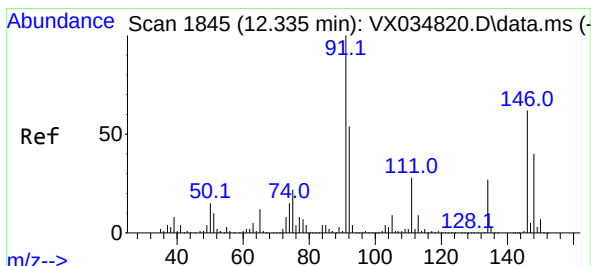
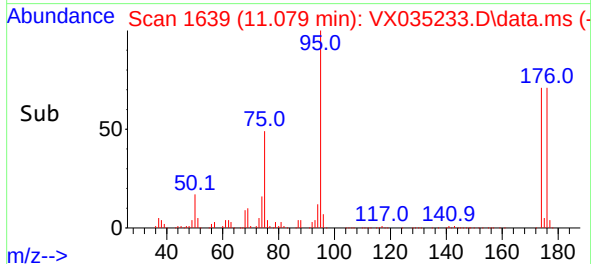
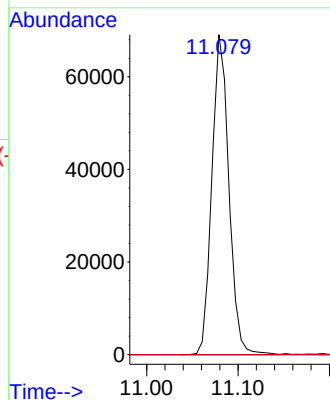
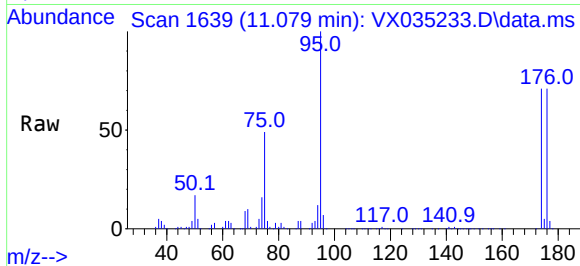




#81
trans-1,4-Dichloro-2-butene
Concen: 77.295 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX035233.D
Acq: 21 Apr 2023 16:03

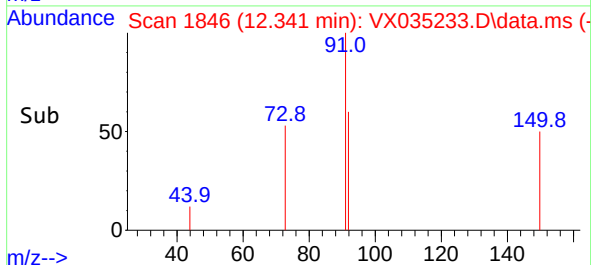
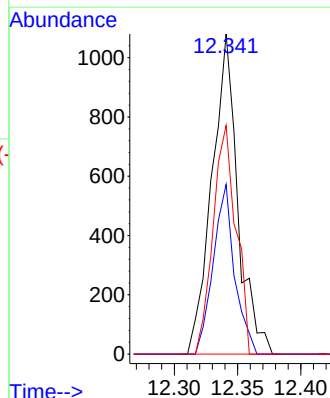
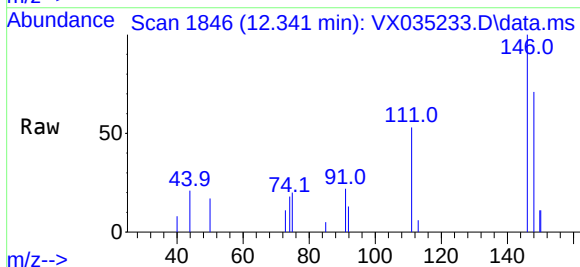
Instrument :
MSVOA_X
ClientSampleId :
230419054-04-TRIP-BLANK

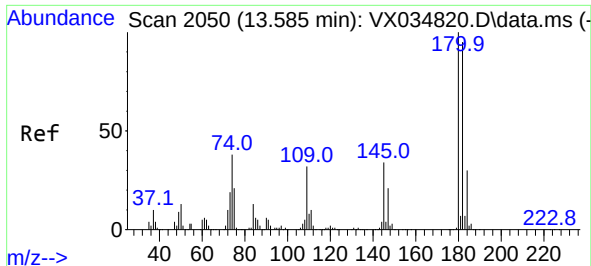
Tgt Ion: 75 Resp: 89240
Ion Ratio Lower Upper
75 100
53 0.0 82.6 124.0#
89 0.0 36.9 55.3#



#91
1,2-Dichlorobenzene
Concen: 0.270 ug/l
RT: 12.341 min Scan# 1846
Delta R.T. 0.006 min
Lab File: VX035233.D
Acq: 21 Apr 2023 16:03

Tgt Ion:146 Resp: 1536
Ion Ratio Lower Upper
146 100
111 43.8 22.0 66.0
148 63.3 32.0 96.0





#93

1,2,4-Trichlorobenzene

Concen: 0.257 ug/l

RT: 13.585 min Scan# 20

Delta R.T. -0.000 min

Lab File: VX035233.D

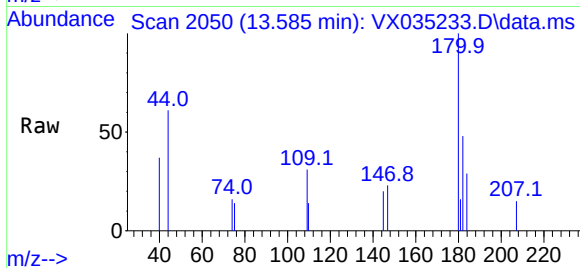
Acq: 21 Apr 2023 16:03

Instrument :

MSVOA_X

ClientSampleId :

230419054-04-TRIP-BLANK



Tgt Ion:180 Resp: 827

Ion Ratio Lower Upper

180 100

182 99.8 47.0 141.0

145 27.9 15.9 47.7

