

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072721\
 Data File : VX023480.D
 Acq On : 27 Jul 2021 16:24
 Operator : JC/MD
 Sample : M3146-21
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 152140-DDC-4-PD

Quant Time: Jul 28 00:52:03 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 23 06:05:38 2021
 Response via : Initial Calibration

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

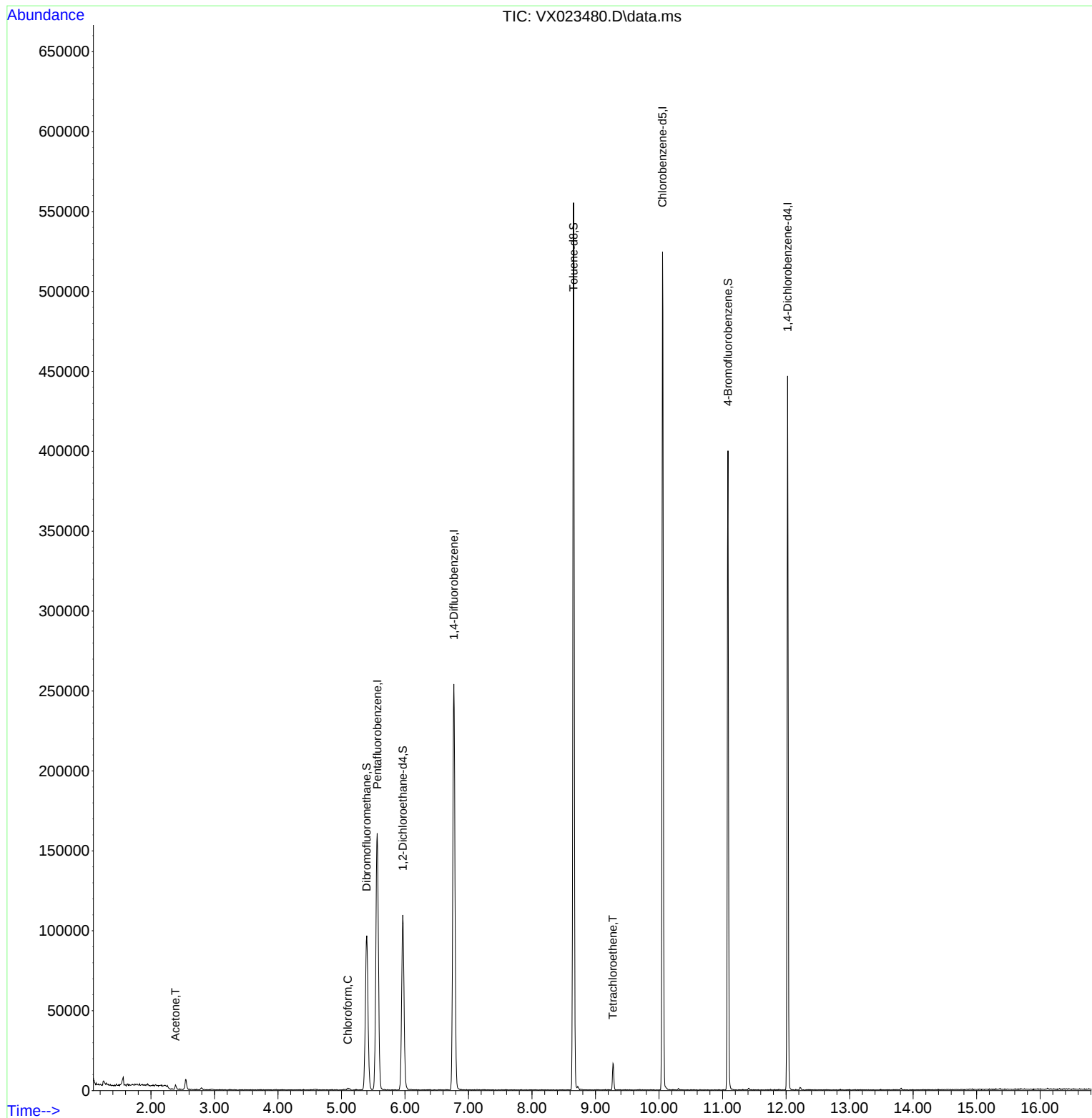
Internal Standards						
1) Pentafluorobenzene	5.562	168	154007	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	261097	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	237374	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	89672	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	103433	53.840	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 107.680%	
35) Dibromofluoromethane	5.397	113	83312	51.034	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.060%	
50) Toluene-d8	8.653	98	318450	53.094	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 106.180%	
62) 4-Bromofluorobenzene	11.085	95	100085	49.073	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 98.140%	
Target Compounds						
						Qvalue
16) Acetone	2.386	43	2751	2.919	ug/l	93
30) Chloroform	5.099	83	1327	0.434	ug/l	91
64) Tetrachloroethene	9.275	164	3205	1.696	ug/l	93

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

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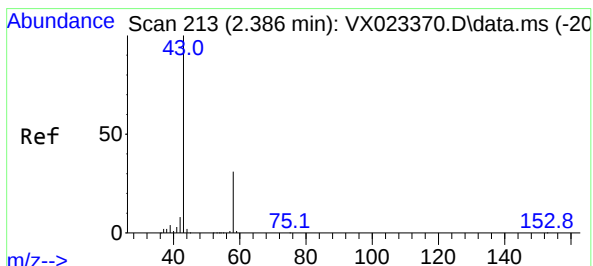
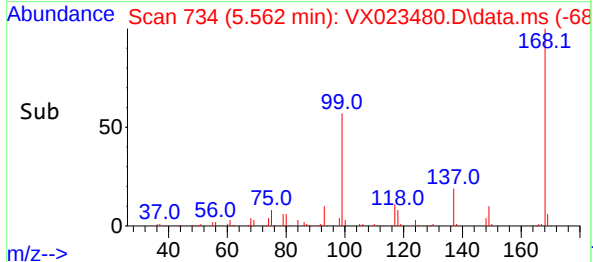
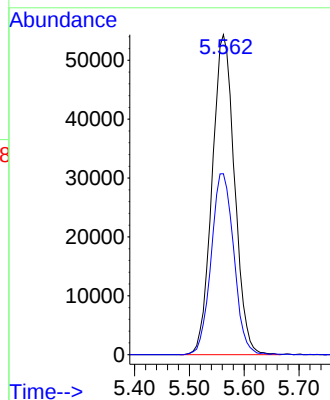
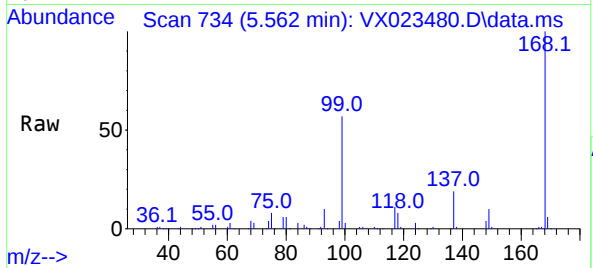




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX023480.D
Acq: 27 Jul 2021 16:24

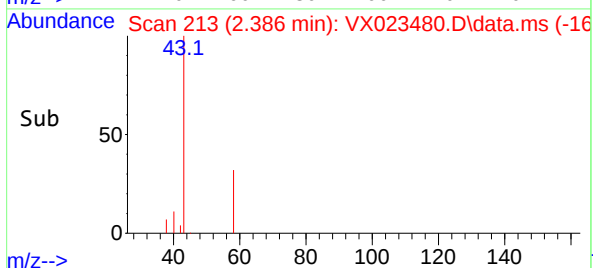
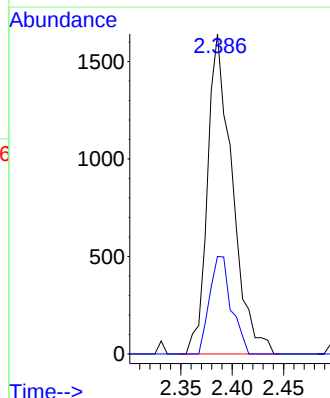
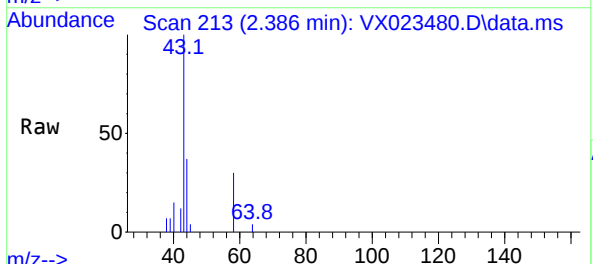
Instrument :
MSVOA_X
ClientSampleId :
152140-DDC-4-PD

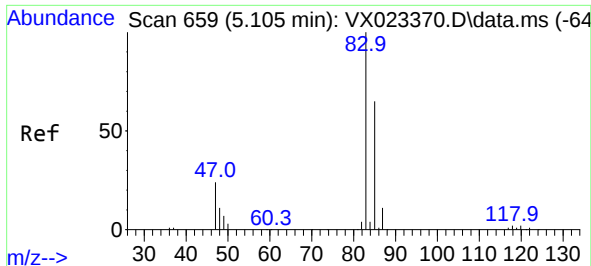
Tgt Ion:168 Resp: 154007
Ion Ratio Lower Upper
168 100
99 56.6 45.8 68.6



#16
Acetone
Concen: 2.919 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX023480.D
Acq: 27 Jul 2021 16:24

Tgt Ion: 43 Resp: 2751
Ion Ratio Lower Upper
43 100
58 30.5 27.8 41.8

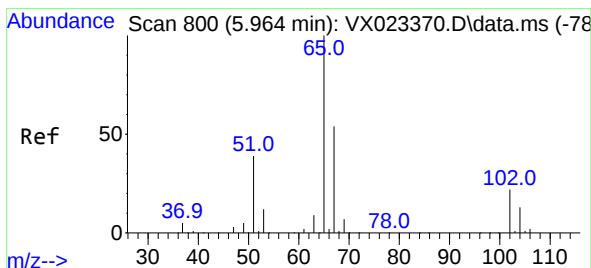
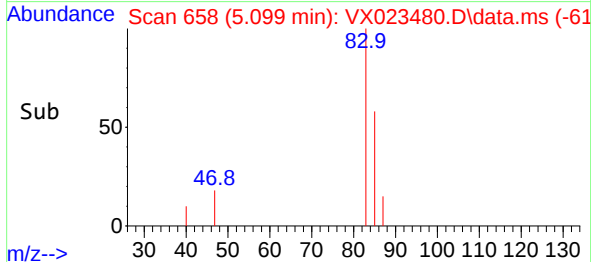
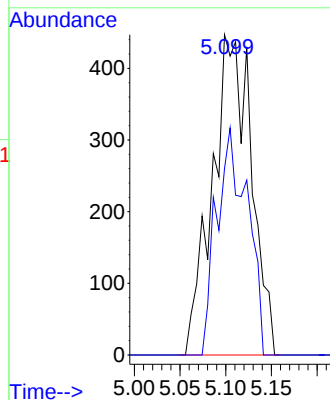
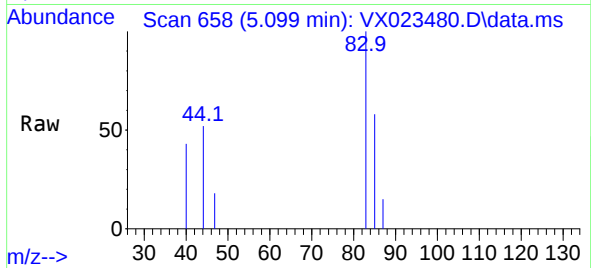




#30
Chloroform
Concen: 0.434 ug/l
RT: 5.099 min Scan# 658
Delta R.T. -0.006 min
Lab File: VX023480.D
Acq: 27 Jul 2021 16:24

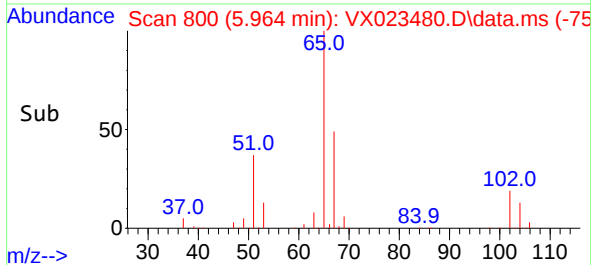
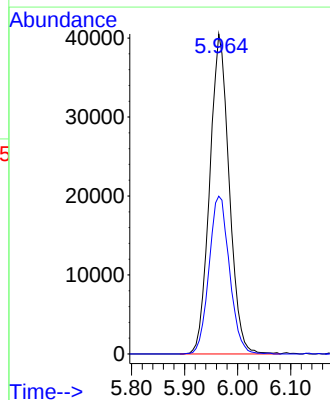
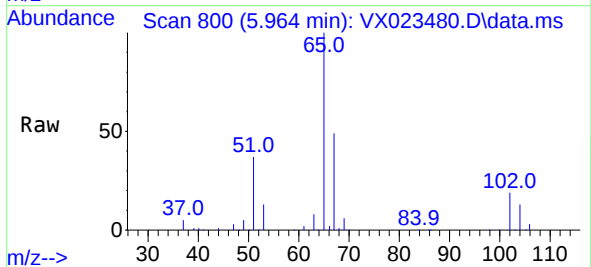
Instrument :
MSVOA_X
ClientSampleId :
152140-DDC-4-PD

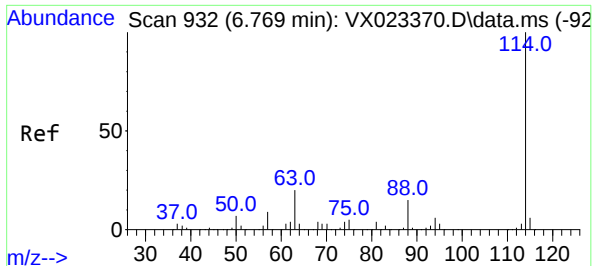
Tgt Ion: 83 Resp: 1327
Ion Ratio Lower Upper
83 100
85 58.2 52.0 78.0



#33
1,2-Dichloroethane-d4
Concen: 53.840 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX023480.D
Acq: 27 Jul 2021 16:24

Tgt Ion: 65 Resp: 103433
Ion Ratio Lower Upper
65 100
67 51.8 0.0 105.4

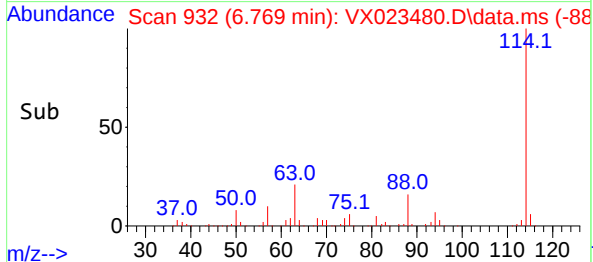
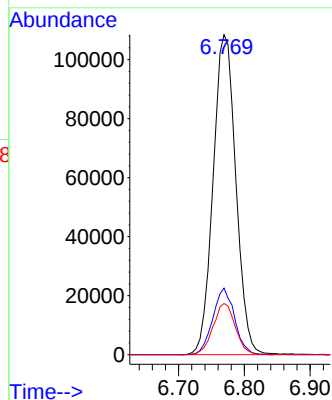
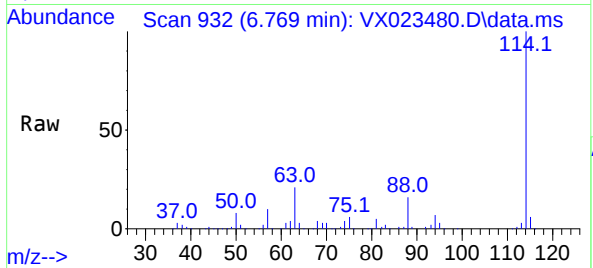




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX023480.D
Acq: 27 Jul 2021 16:24

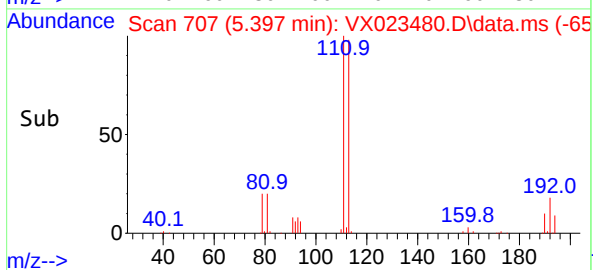
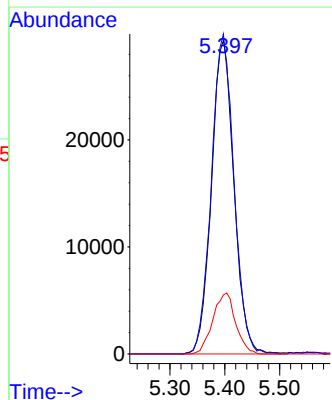
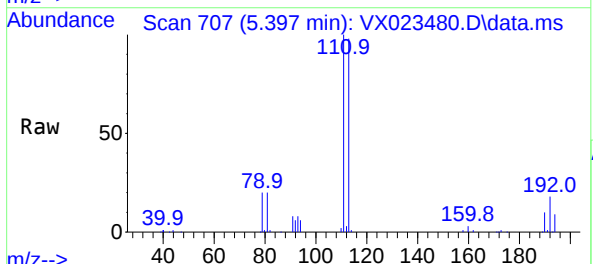
Instrument :
MSVOA_X
ClientSampleId :
152140-DDC-4-PD

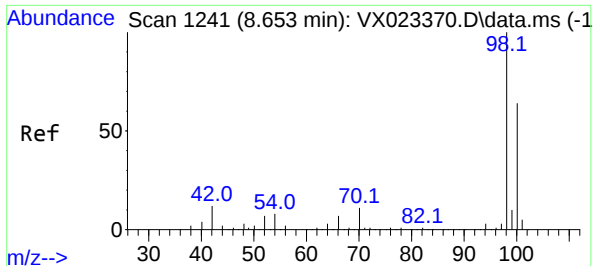
Tgt Ion:114 Resp: 261097
Ion Ratio Lower Upper
114 100
63 20.8 0.0 40.8
88 16.0 0.0 32.8



#35
Dibromofluoromethane
Concen: 51.034 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX023480.D
Acq: 27 Jul 2021 16:24

Tgt Ion:113 Resp: 83312
Ion Ratio Lower Upper
113 100
111 102.5 81.9 122.9
192 19.7 16.7 25.1





#50

Toluene-d8

Concen: 53.094 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX023480.D

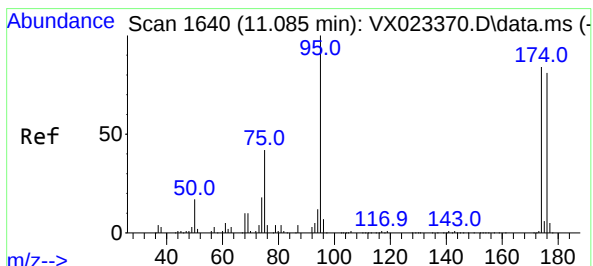
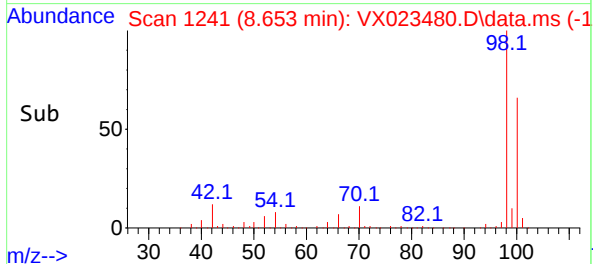
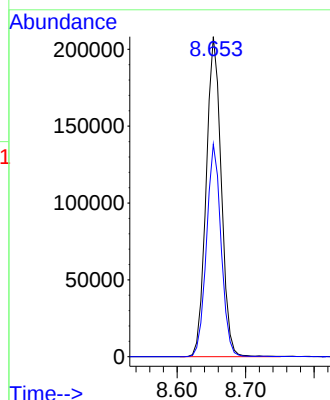
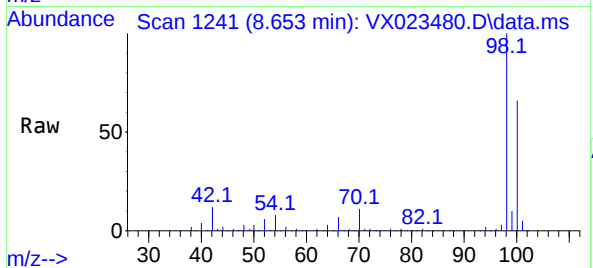
Acq: 27 Jul 2021 16:24

Tgt Ion: 98 Resp: 318450

Ion Ratio Lower Upper

98 100

100 64.4 51.9 77.9



#62

4-Bromofluorobenzene

Concen: 49.073 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.000 min

Lab File: VX023480.D

Acq: 27 Jul 2021 16:24

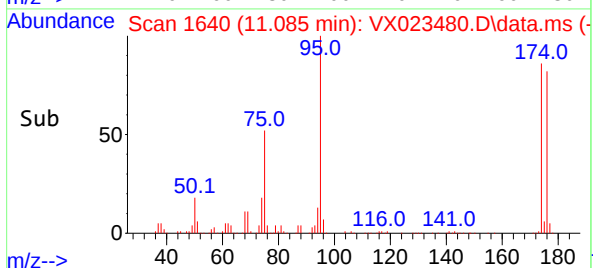
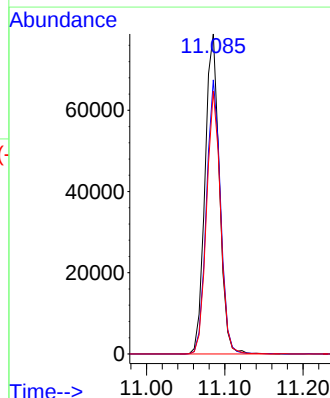
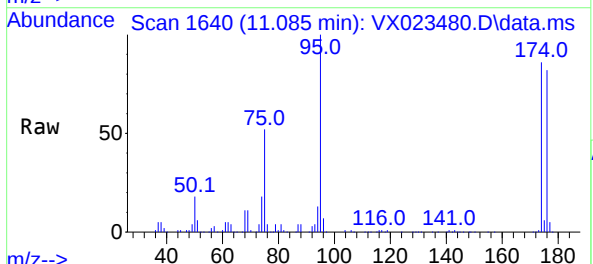
Tgt Ion: 95 Resp: 100085

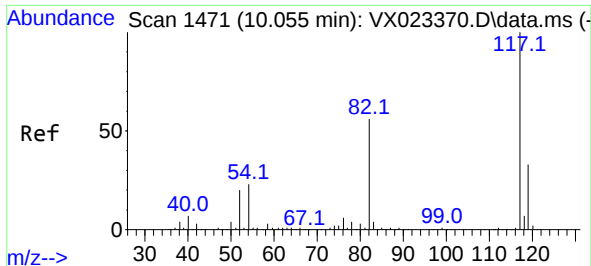
Ion Ratio Lower Upper

95 100

174 84.0 0.0 154.6

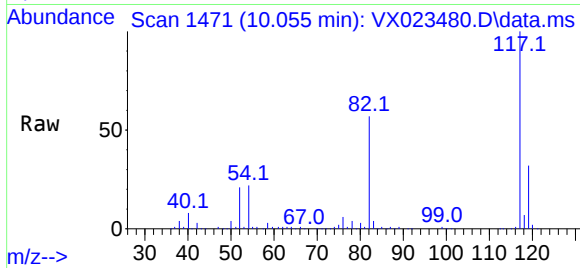
176 79.5 0.0 155.8



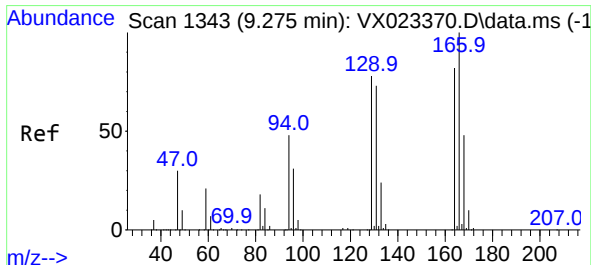
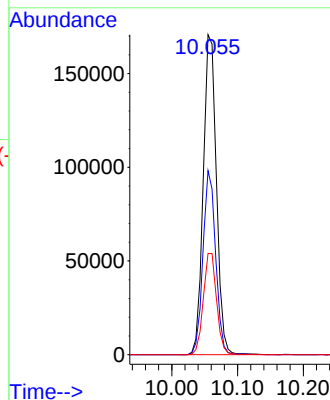
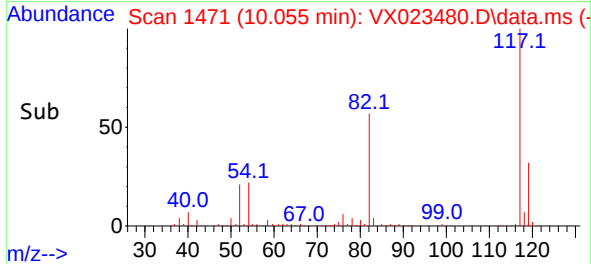


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX023480.D
Acq: 27 Jul 2021 16:24

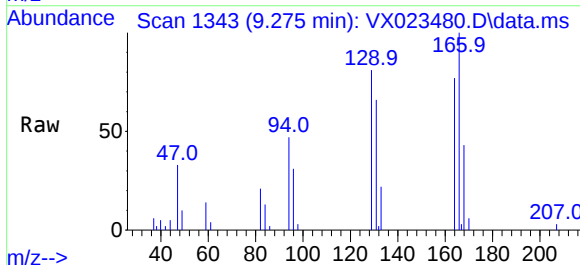
Instrument :
MSVOA_X
ClientSampleId :
152140-DDC-4-PD



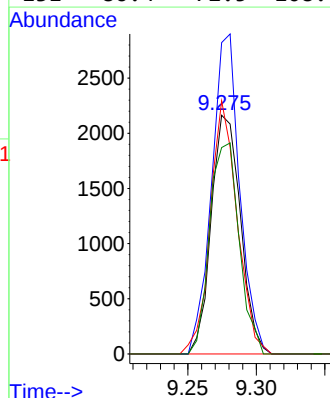
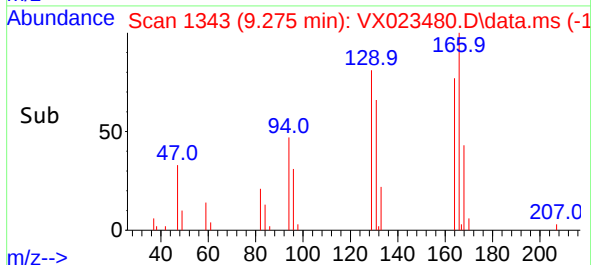
Tgt Ion:117 Resp: 237374
Ion Ratio Lower Upper
117 100
82 57.5 47.4 71.2
119 31.7 26.6 39.8

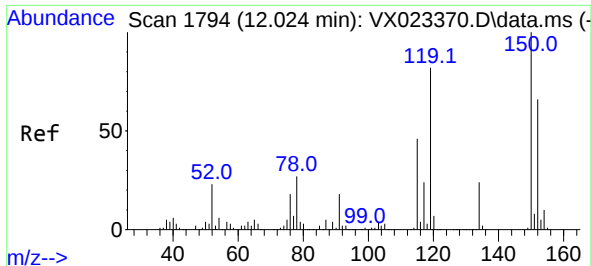


#64
Tetrachloroethene
Concen: 1.696 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX023480.D
Acq: 27 Jul 2021 16:24



Tgt Ion:164 Resp: 3205
Ion Ratio Lower Upper
164 100
166 130.4 103.4 155.2
129 106.0 70.8 106.2
131 86.4 72.5 108.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX023480.D
 Acq: 27 Jul 2021 16:24

Instrument :
 MSVOA_X
 ClientSampleId :
 152140-DDC-4-PD

Tgt Ion:152 Resp: 89672
 Ion Ratio Lower Upper
 152 100
 115 58.5 41.1 123.3
 150 156.4 0.0 349.0

