

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072621\
 Data File : VX023448.D
 Acq On : 26 Jul 2021 14:03
 Operator : JC/MD
 Sample : M3145-20
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 152140-DDC-1-PDB

Quant Time: Jul 27 03:27:24 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)

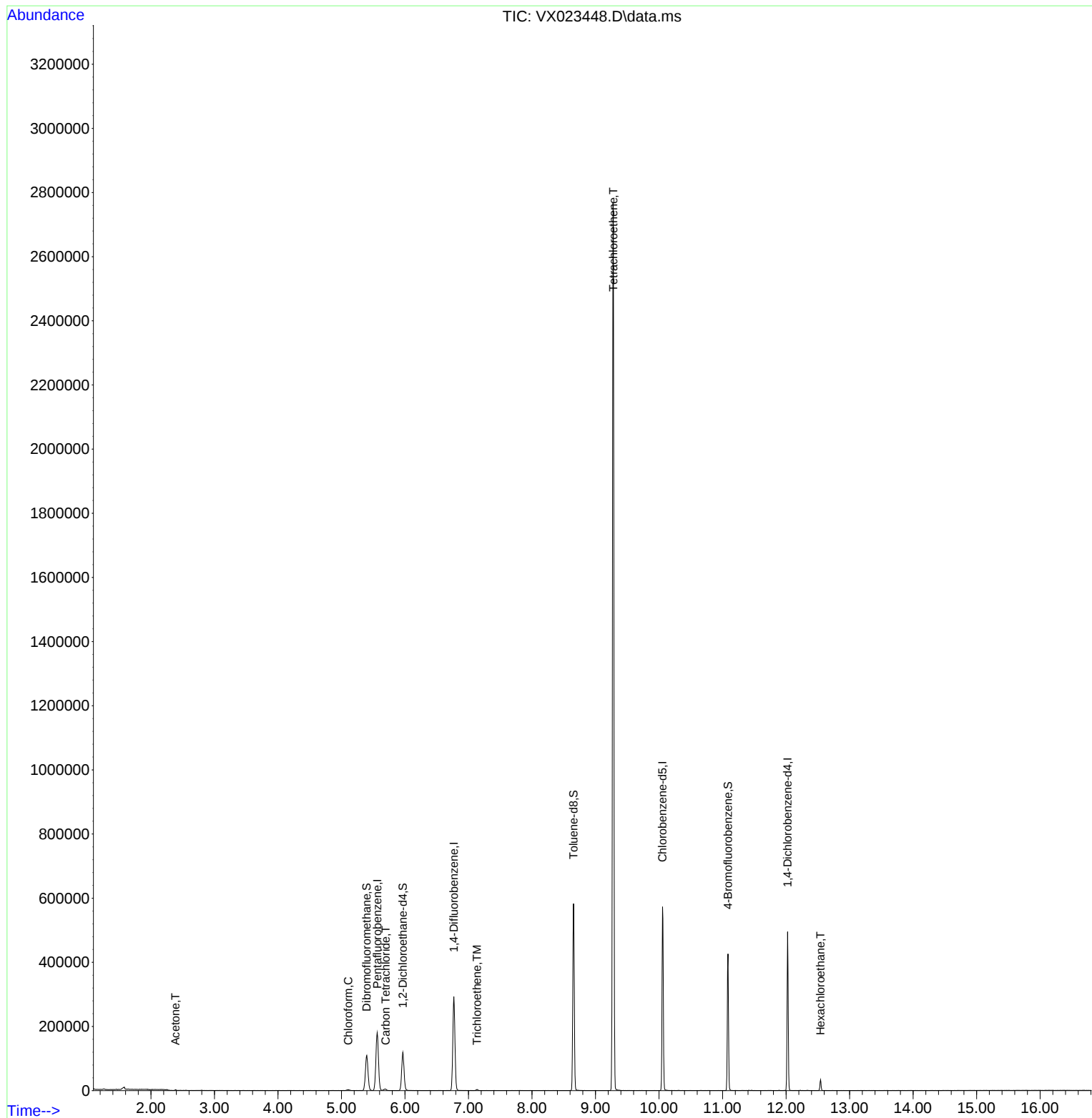
Internal Standards						
1) Pentafluorobenzene	5.562	168	173729	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	294816	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	256761	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	99923	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	111916	51.643	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 103.280%		
35) Dibromofluoromethane	5.397	113	92729	50.305	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 100.620%		
50) Toluene-d8	8.653	98	344181	50.821	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 101.640%		
62) 4-Bromofluorobenzene	11.085	95	109420	47.514	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 95.020%		
Target Compounds						
						Qvalue
16) Acetone	2.386	43	1935	1.820	ug/l	100
30) Chloroform	5.105	83	3276	0.951	ug/l	95
38) Carbon Tetrachloride	5.696	117	3984	1.469	ug/l #	94
44) Trichloroethene	7.135	130	1311	0.604	ug/l	82
64) Tetrachloroethene	9.281	164	530685	259.696	ug/l	97
90) Hexachloroethane	12.542	117	4022	5.324	ug/l	88

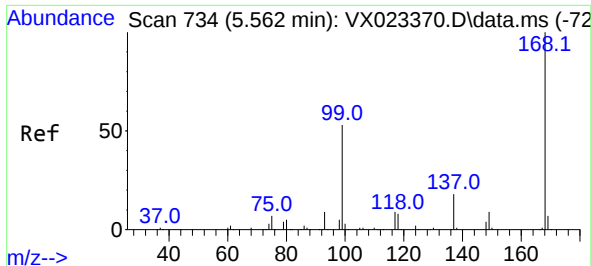
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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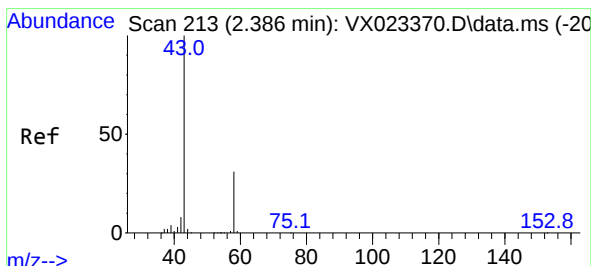
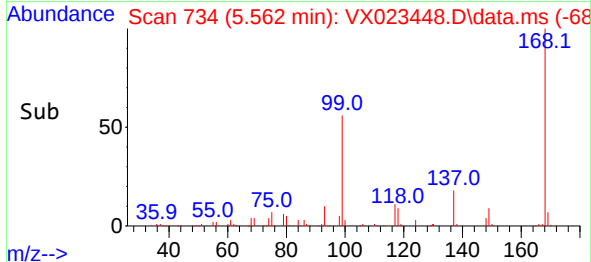
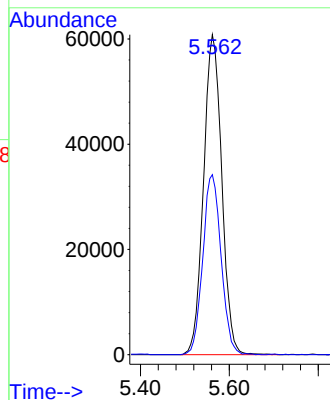
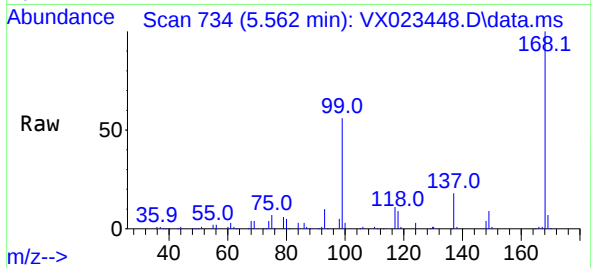




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX023448.D
Acq: 26 Jul 2021 14:03

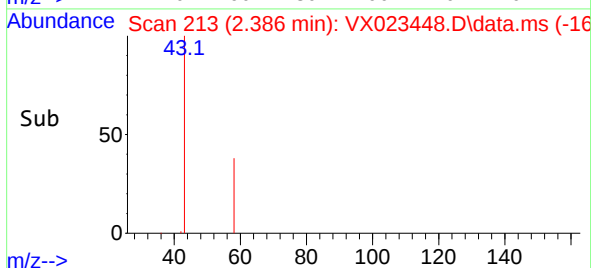
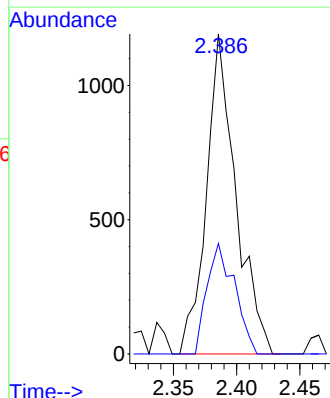
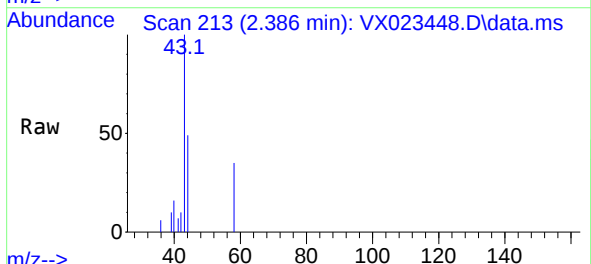
Instrument :
MSVOA_X
ClientSampleId :
152140-DDC-1-PDB

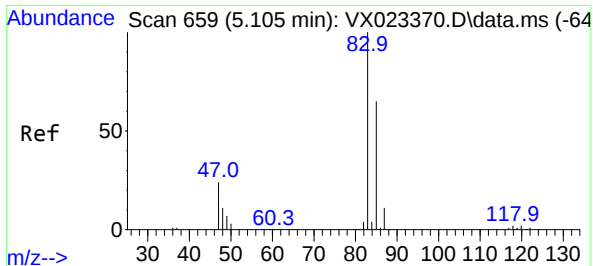
Tgt Ion:168 Resp: 173729
Ion Ratio Lower Upper
168 100
99 56.3 45.8 68.6



#16
Acetone
Concen: 1.820 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX023448.D
Acq: 26 Jul 2021 14:03

Tgt Ion: 43 Resp: 1935
Ion Ratio Lower Upper
43 100
58 34.6 27.8 41.8





#30

Chloroform

Concen: 0.951 ug/l

RT: 5.105 min Scan# 659

Delta R.T. -0.000 min

Lab File: VX023448.D

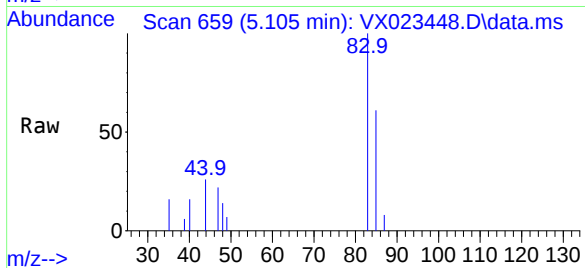
Acq: 26 Jul 2021 14:03

Tgt Ion: 83 Resp: 3276

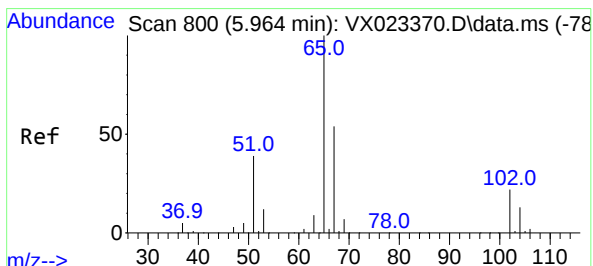
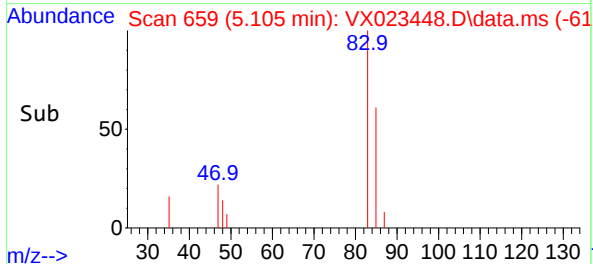
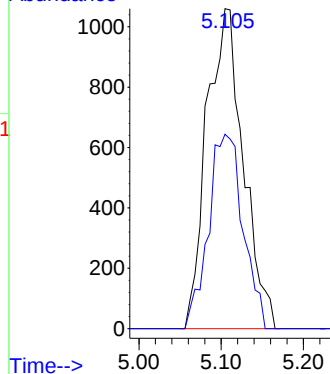
Ion Ratio Lower Upper

83 100

85 60.8 52.0 78.0



Abundance



#33

1,2-Dichloroethane-d4

Concen: 51.643 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX023448.D

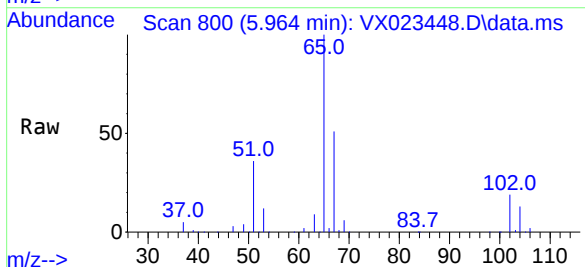
Acq: 26 Jul 2021 14:03

Tgt Ion: 65 Resp: 111916

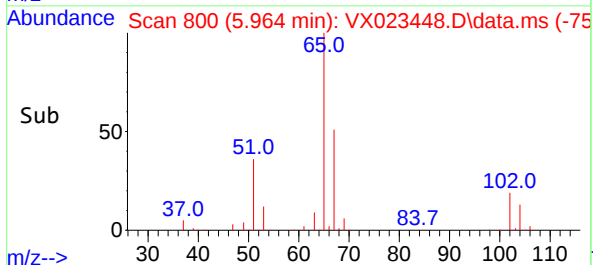
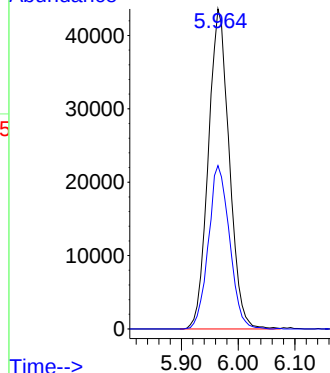
Ion Ratio Lower Upper

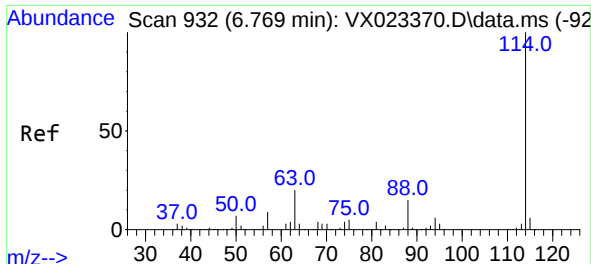
65 100

67 51.5 0.0 105.4



Abundance

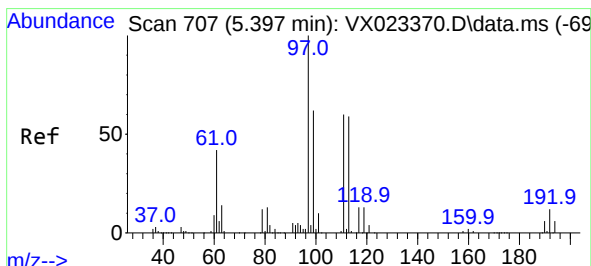
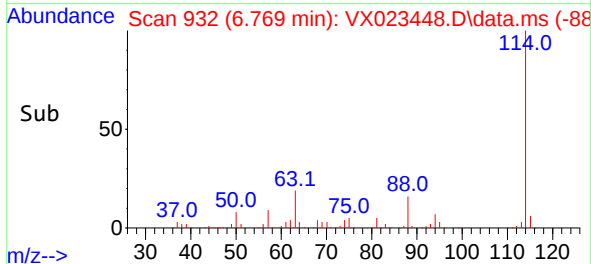
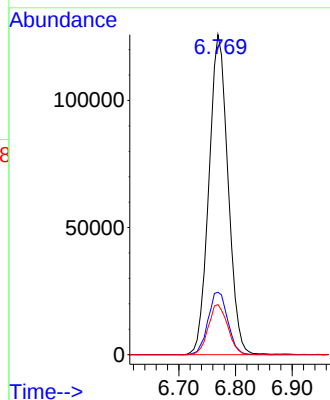
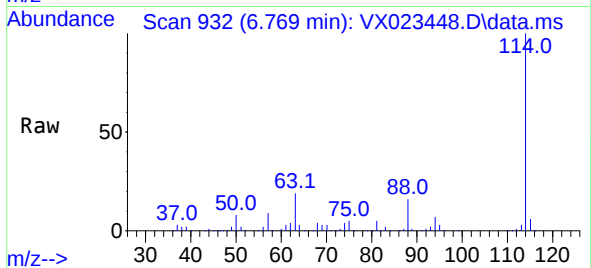




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX023448.D
Acq: 26 Jul 2021 14:03

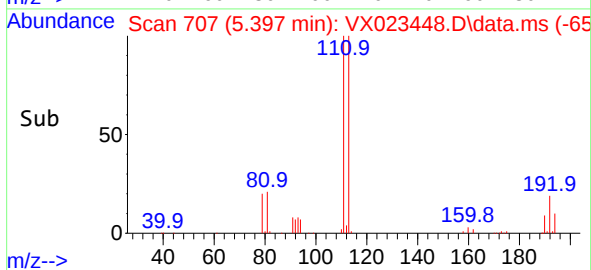
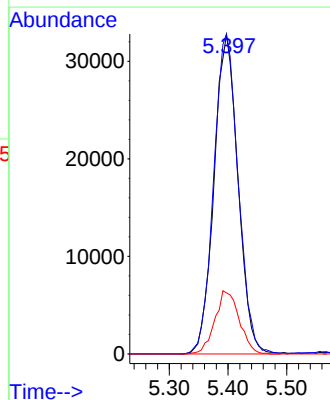
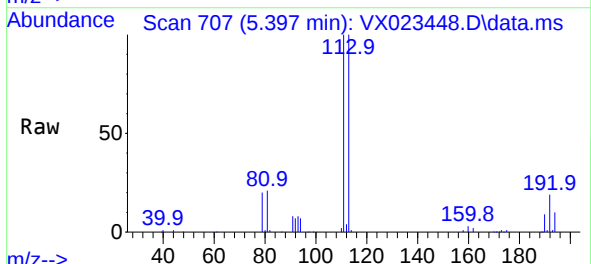
Instrument :
MSVOA_X
ClientSampleId :
152140-DDC-1-PDB

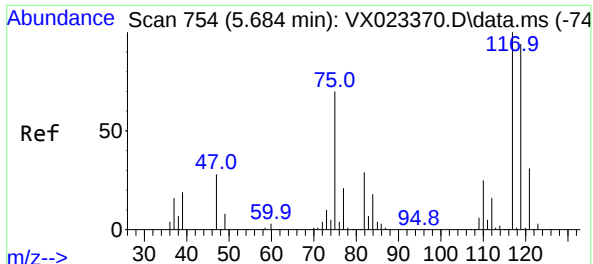
Tgt Ion:114 Resp: 294816
Ion Ratio Lower Upper
114 100
63 19.5 0.0 40.8
88 15.7 0.0 32.8



#35
Dibromofluoromethane
Concen: 50.305 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX023448.D
Acq: 26 Jul 2021 14:03

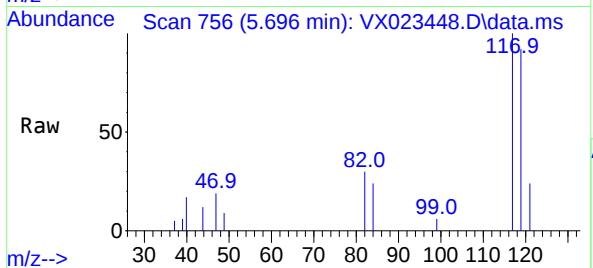
Tgt Ion:113 Resp: 92729
Ion Ratio Lower Upper
113 100
111 102.2 81.9 122.9
192 20.0 16.7 25.1



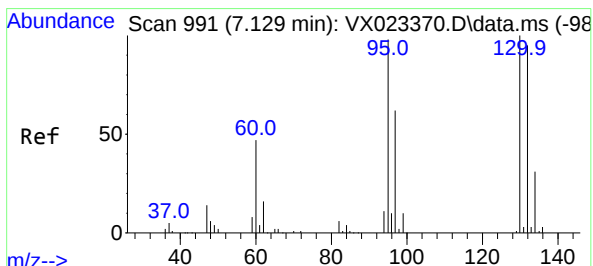
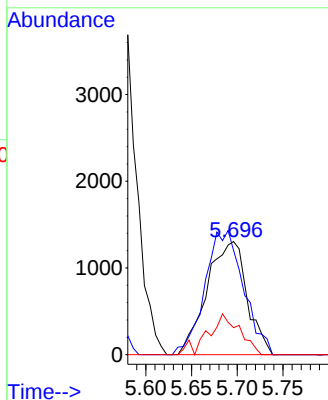
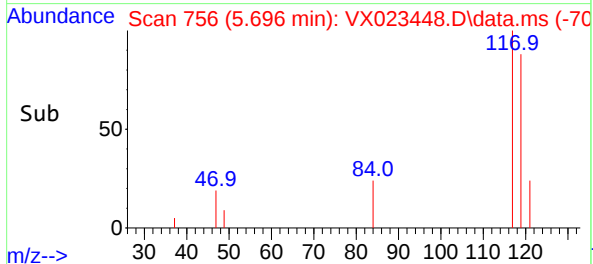


#38
Carbon Tetrachloride
Concen: 1.469 ug/l
RT: 5.696 min Scan# 756
Delta R.T. 0.012 min
Lab File: VX023448.D
Acq: 26 Jul 2021 14:03

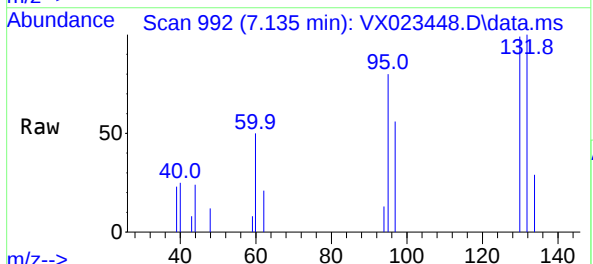
Instrument :
MSVOA_X
ClientSampleId :
152140-DDC-1-PDB



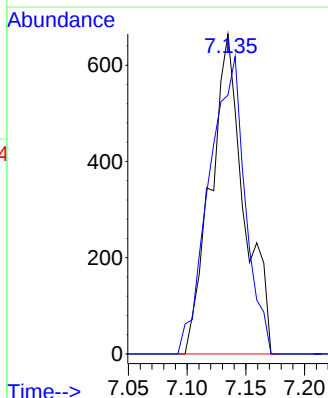
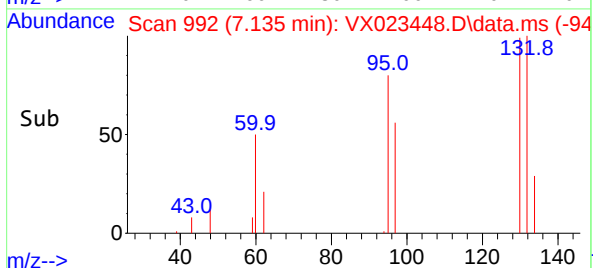
Tgt Ion:117 Resp: 3984
Ion Ratio Lower Upper
117 100
119 92.2 76.2 114.2
121 23.8 24.8 37.2#

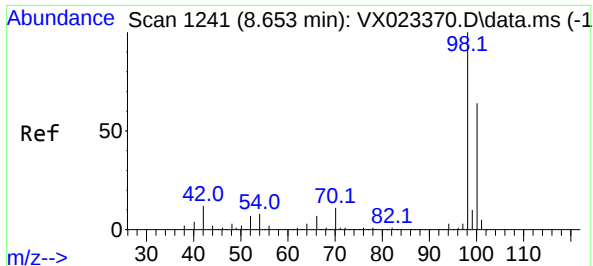


#44
Trichloroethene
Concen: 0.604 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX023448.D
Acq: 26 Jul 2021 14:03



Tgt Ion:130 Resp: 1311
Ion Ratio Lower Upper
130 100
95 80.9 0.0 198.0

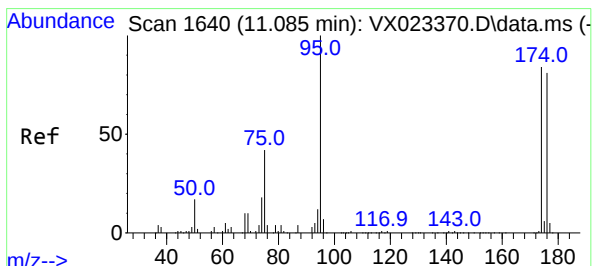
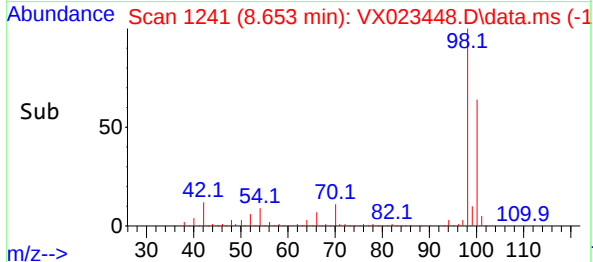
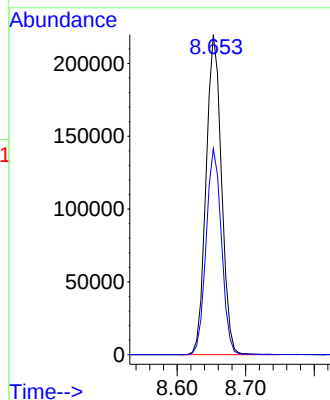
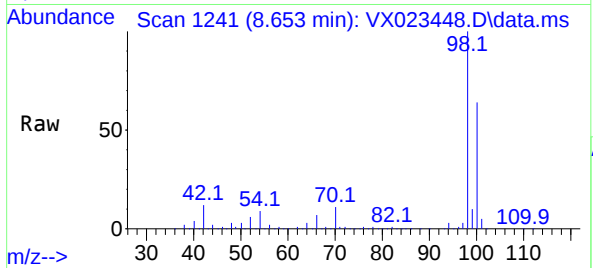




#50
Toluene-d8
Concen: 50.821 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023448.D
Acq: 26 Jul 2021 14:03

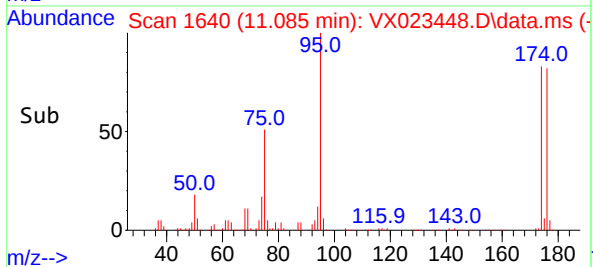
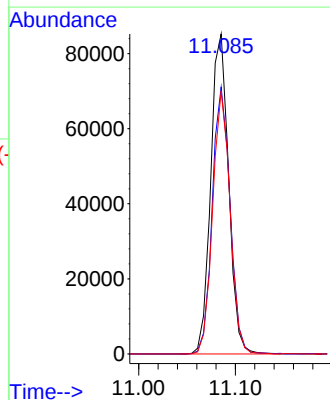
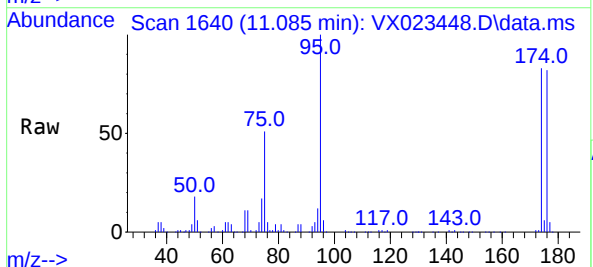
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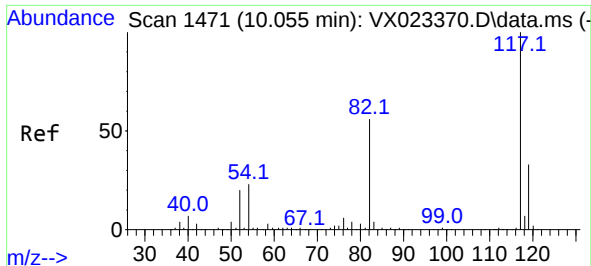
Tgt Ion: 98 Resp: 344181
Ion Ratio Lower Upper
98 100
100 64.1 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 47.514 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023448.D
Acq: 26 Jul 2021 14:03

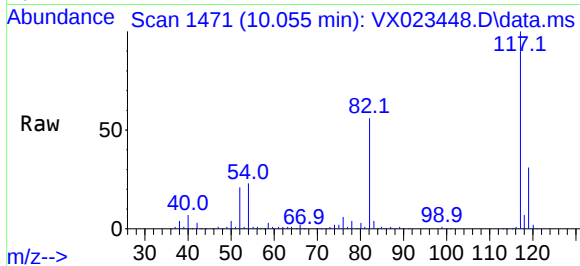
Tgt Ion: 95 Resp: 109420
Ion Ratio Lower Upper
95 100
174 82.9 0.0 154.6
176 79.8 0.0 155.8



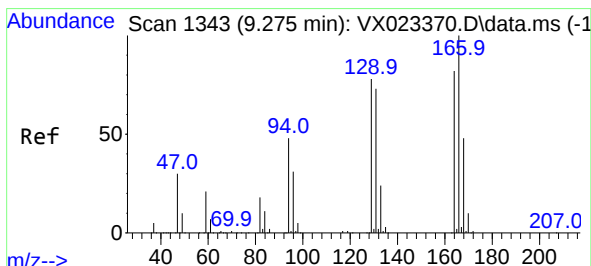
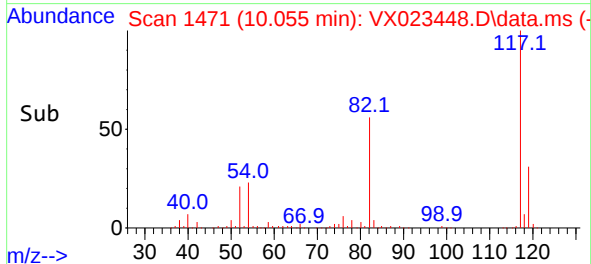
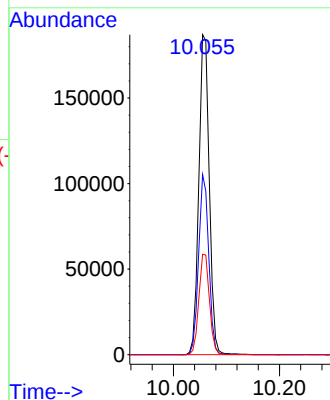


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX023448.D
Acq: 26 Jul 2021 14:03

Instrument :
MSVOA_X
ClientSampleId :
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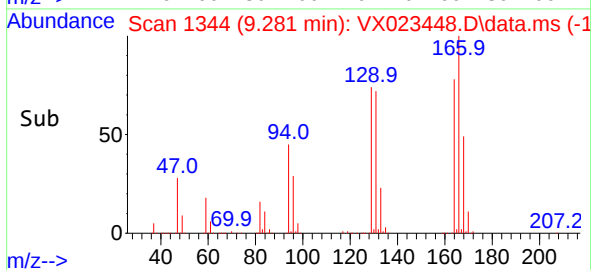
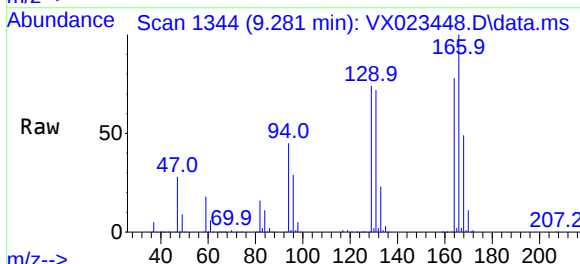
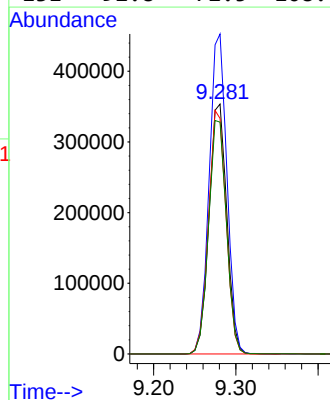


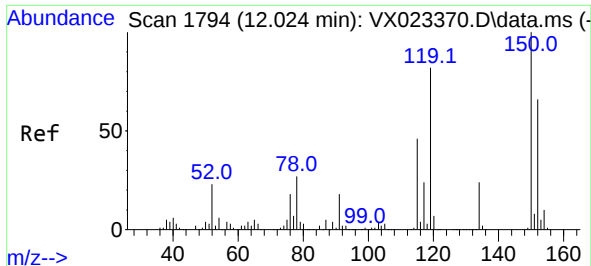
Tgt Ion:117 Resp: 256761
Ion Ratio Lower Upper
117 100
82 56.3 47.4 71.2
119 31.3 26.6 39.8



#64
Tetrachloroethene
Concen: 259.696 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. 0.006 min
Lab File: VX023448.D
Acq: 26 Jul 2021 14:03

Tgt Ion:164 Resp: 530685
Ion Ratio Lower Upper
164 100
166 128.1 103.4 155.2
129 94.2 70.8 106.2
131 92.8 72.5 108.7

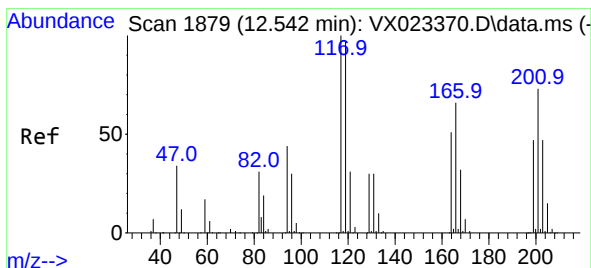
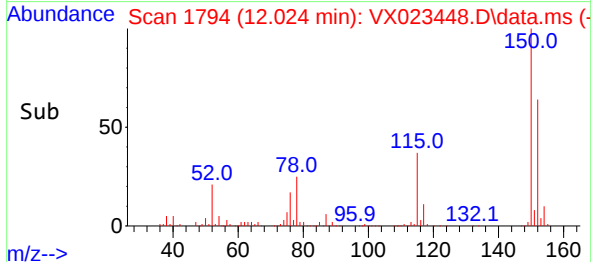
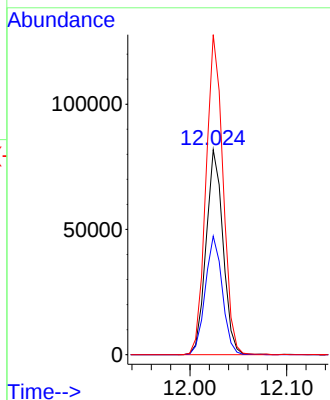
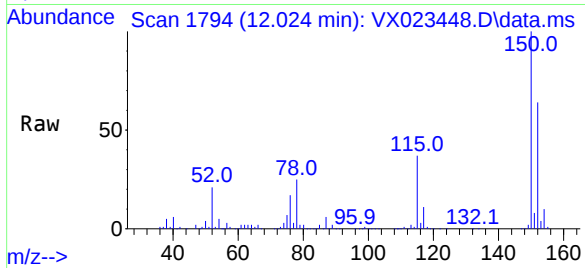




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX023448.D
Acq: 26 Jul 2021 14:03

Instrument :
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ClientSampleId :
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Tgt Ion:152 Resp: 99923
Ion Ratio Lower Upper
152 100
115 58.2 41.1 123.3
150 156.6 0.0 349.0



#90
Hexachloroethane
Concen: 5.324 ug/l
RT: 12.542 min Scan# 1879
Delta R.T. 0.000 min
Lab File: VX023448.D
Acq: 26 Jul 2021 14:03

Tgt Ion:117 Resp: 4022
Ion Ratio Lower Upper
117 100
201 69.8 40.4 121.2

