

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042221\
 Data File : VX021818.D
 Acq On : 22 Apr 2021 15:48
 Operator : JC/MD
 Sample : M2131-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IDW-AQ-FT1-042121

Quant Time: Apr 23 07:43:16 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042021W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 20 13:46:22 2021
 Response via : Initial Calibration

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

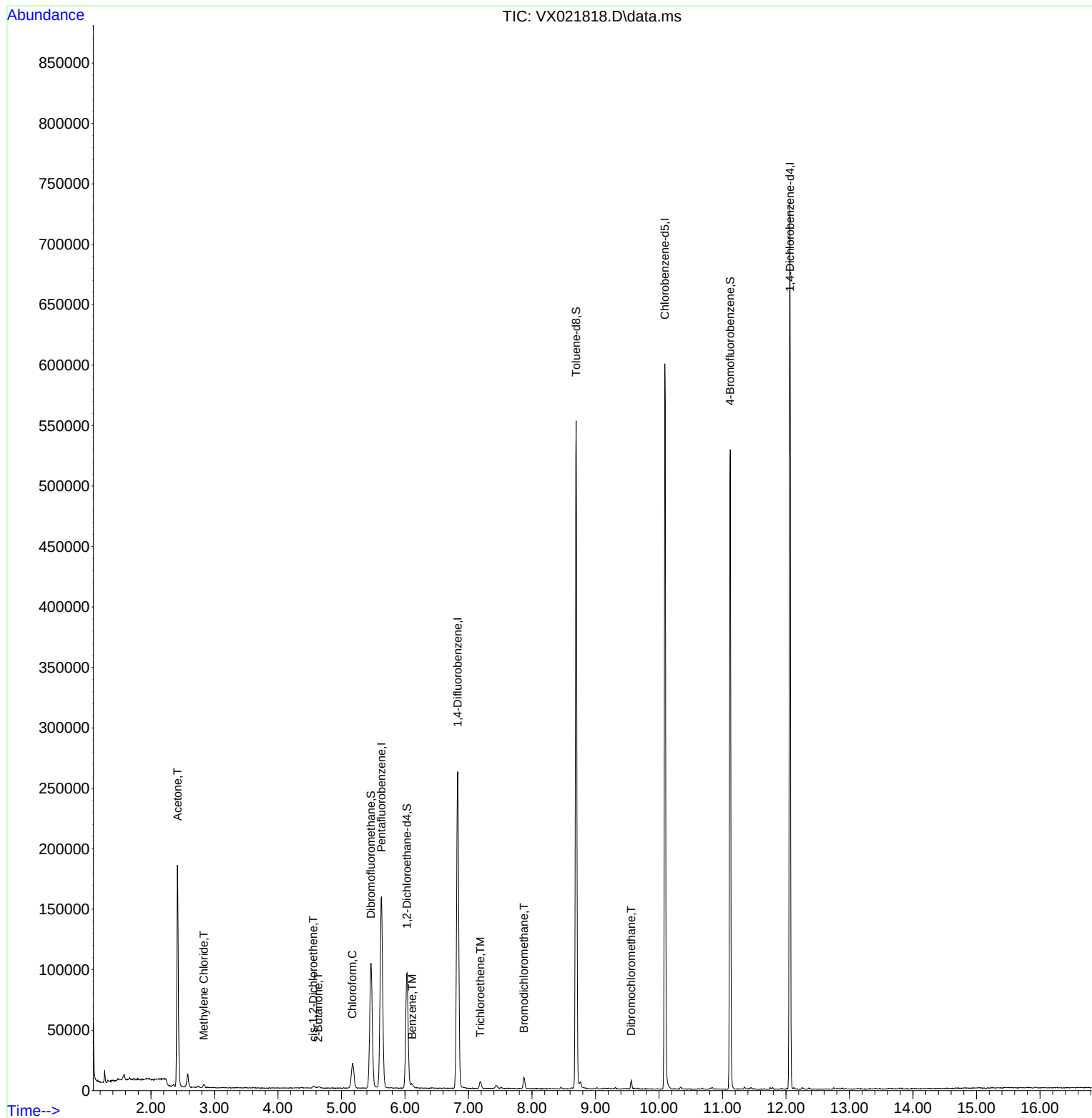
Internal Standards						
1) Pentafluorobenzene	5.629	168	159096	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.830	114	287713	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	302215	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	161249	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.032	65	90946	50.39	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	100.78%
35) Dibromofluoromethane	5.465	113	91837	49.91	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.82%
50) Toluene-d8	8.696	98	350165	49.50	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.00%
62) 4-Bromofluorobenzene	11.122	95	153201	57.99	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	115.98%
Target Compounds						
					Qvalue	
16) Acetone	2.416	43	187793	302.65	ug/l	99
20) Methylene Chloride	2.831	84	1237	0.66	ug/l #	82
25) 2-Butanone	4.635	43	2194	2.09	ug/l #	79
27) cis-1,2-Dichloroethene	4.556	96	1410	0.74	ug/l	81
30) Chloroform	5.172	83	25670	8.43	ug/l	92
40) Benzene	6.111	78	4223	0.56	ug/l	96
44) Trichloroethene	7.184	130	2500	1.13	ug/l	99
47) Bromodichloromethane	7.873	83	6611	2.33	ug/l	96
60) Dibromochloromethane	9.561	129	2745	1.12	ug/l	95

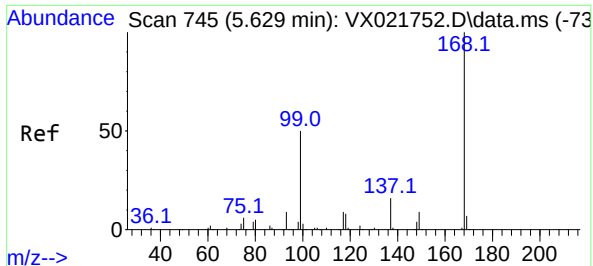
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

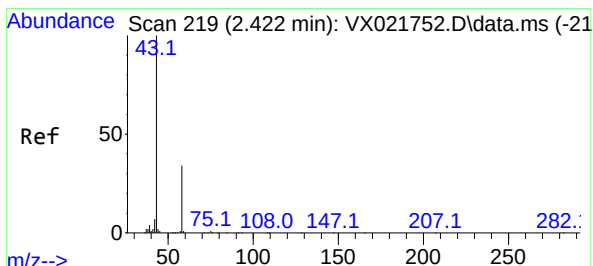
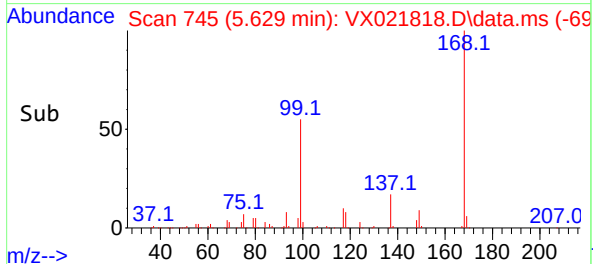
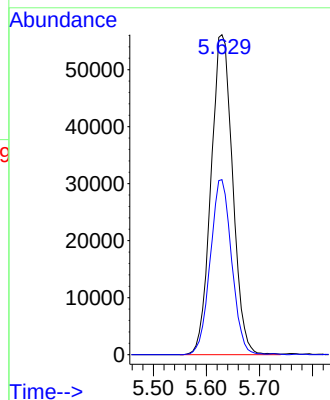
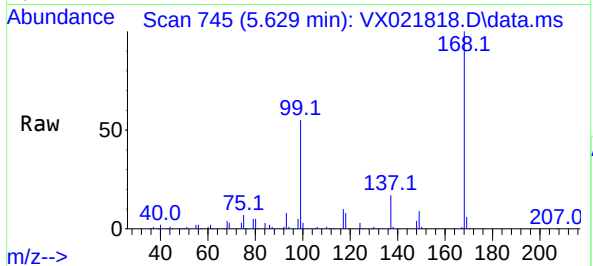




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.000 min
Lab File: VX021818.D
Acq: 22 Apr 2021 15:48

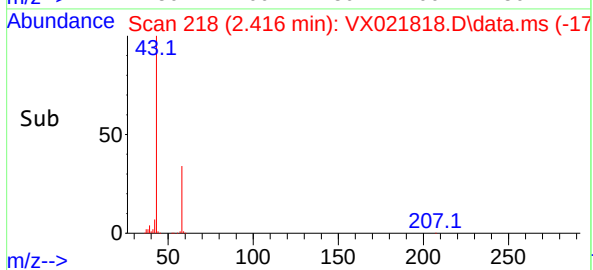
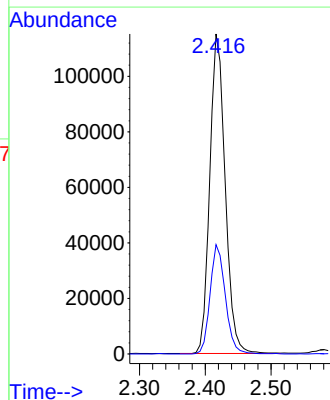
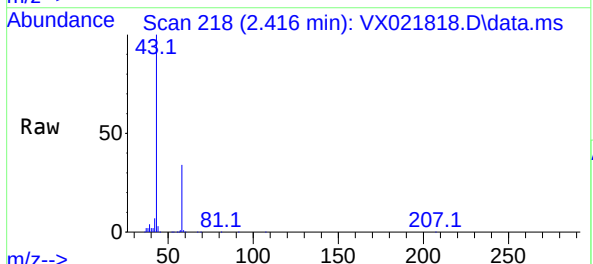
Instrument :
MSVOA_X
ClientSampleId :
IDW-AQ-FT1-042121

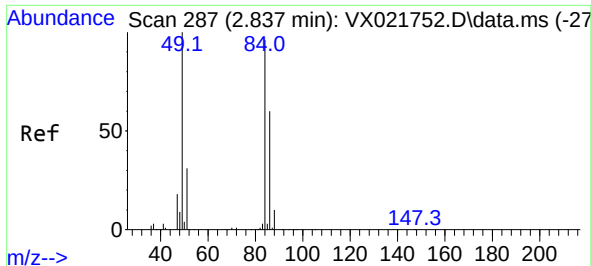
Tgt Ion:168 Resp: 159096
Ion Ratio Lower Upper
168 100
99 54.7 45.8 68.6



#16
Acetone
Concen: 302.65 ug/l
RT: 2.416 min Scan# 218
Delta R.T. -0.006 min
Lab File: VX021818.D
Acq: 22 Apr 2021 15:48

Tgt Ion: 43 Resp: 187793
Ion Ratio Lower Upper
43 100
58 34.2 27.8 41.8



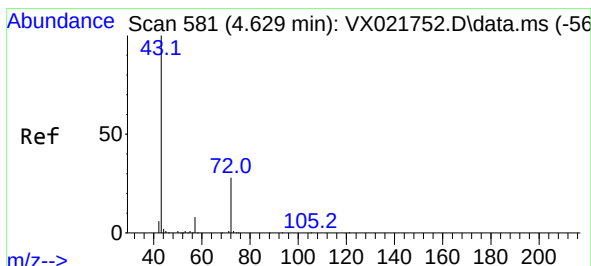
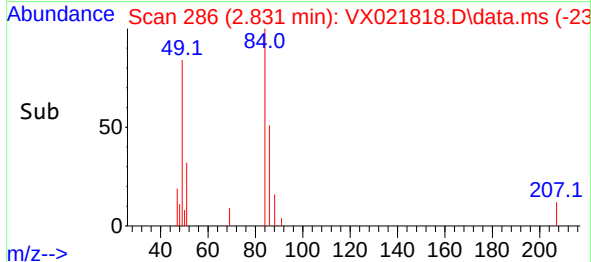
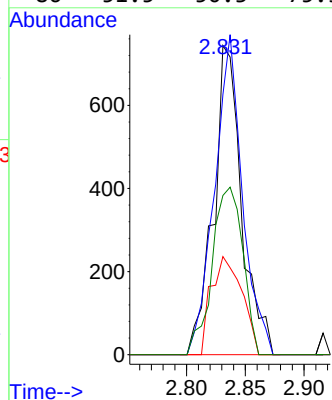
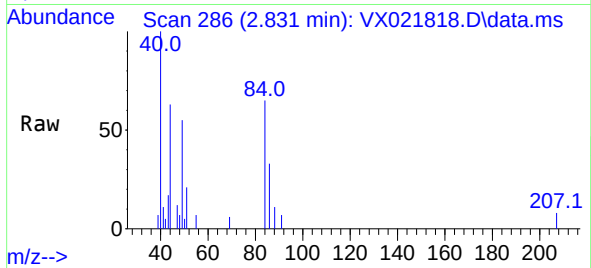


#20
Methylene Chloride
Concen: 0.66 ug/l
RT: 2.831 min Scan# 286
Delta R.T. -0.006 min
Lab File: VX021818.D
Acq: 22 Apr 2021 15:48

Instrument :
MSVOA_X
ClientSampleId :
IDW-AQ-FT1-042121

Tgt Ion: 84 Resp: 1237

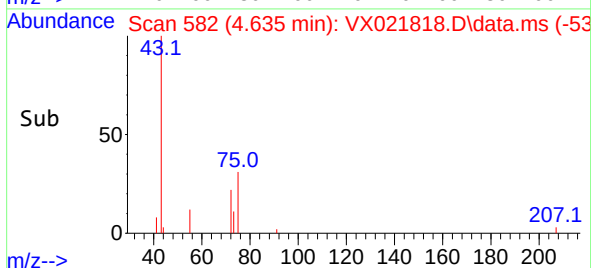
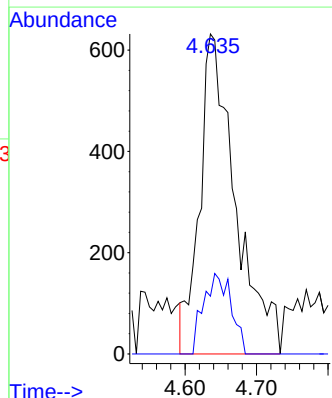
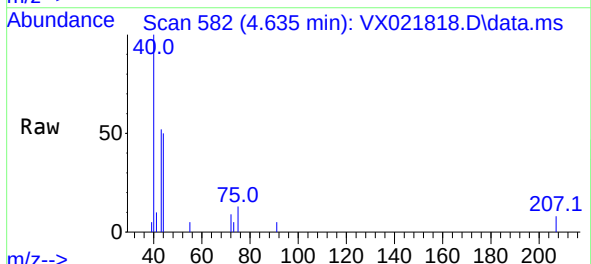
Ion	Ratio	Lower	Upper
84	100		
49	84.1	88.6	132.8#
51	31.7	27.0	40.6
86	51.5	50.3	75.5

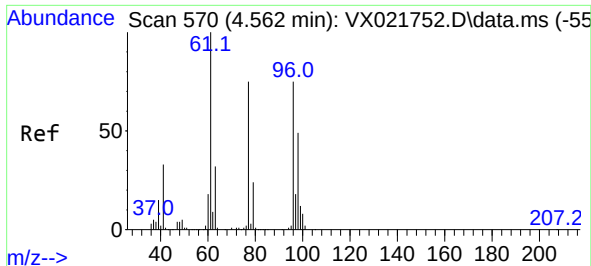


#25
2-Butanone
Concen: 2.09 ug/l
RT: 4.635 min Scan# 582
Delta R.T. 0.006 min
Lab File: VX021818.D
Acq: 22 Apr 2021 15:48

Tgt Ion: 43 Resp: 2194

Ion	Ratio	Lower	Upper
43	100		
72	18.0	23.7	35.5#

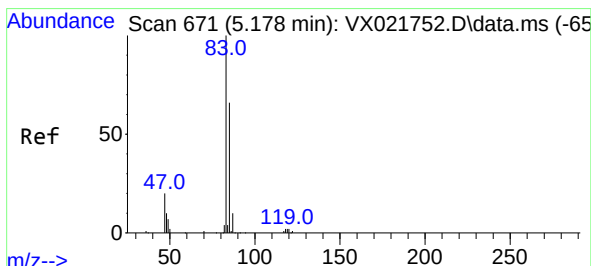
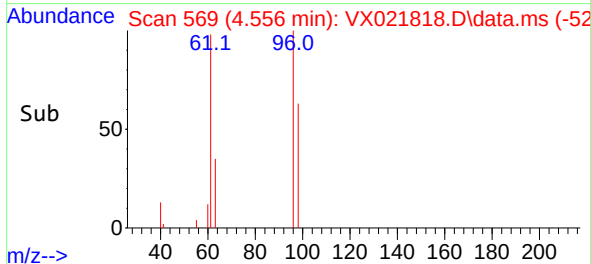
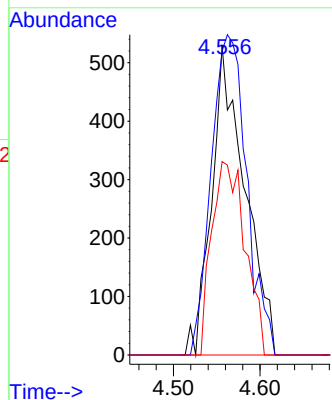
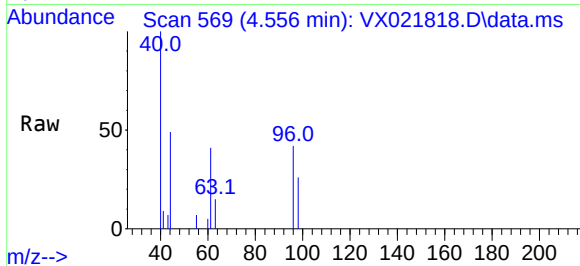




#27
cis-1,2-Dichloroethene
Concen: 0.74 ug/l
RT: 4.556 min Scan# 569
Delta R.T. -0.006 min
Lab File: VX021818.D
Acq: 22 Apr 2021 15:48

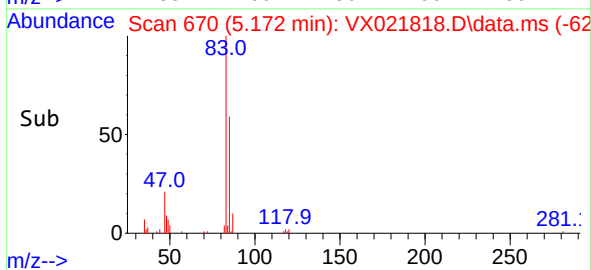
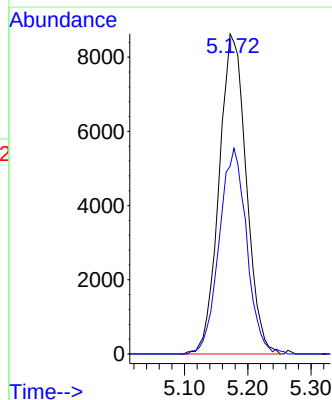
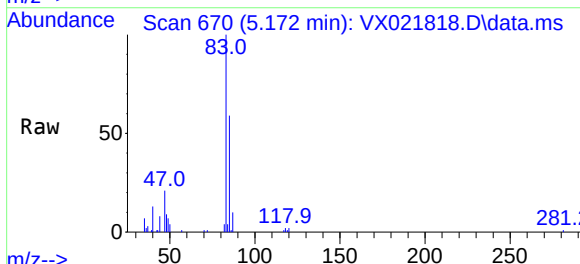
Instrument :
MSVOA_X
ClientSampleId :
IDW-AQ-FT1-042121

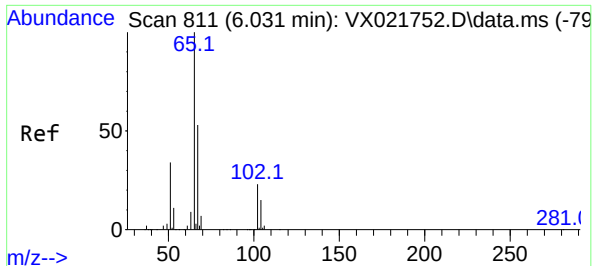
Tgt Ion:	96	Resp:	1410
Ion	Ratio	Lower	Upper
96	100		
61	110.7	0.0	285.6
98	63.1	0.0	129.6



#30
Chloroform
Concen: 8.43 ug/l
RT: 5.172 min Scan# 670
Delta R.T. -0.006 min
Lab File: VX021818.D
Acq: 22 Apr 2021 15:48

Tgt Ion:	83	Resp:	25670
Ion	Ratio	Lower	Upper
83	100		
85	58.7	52.0	78.0

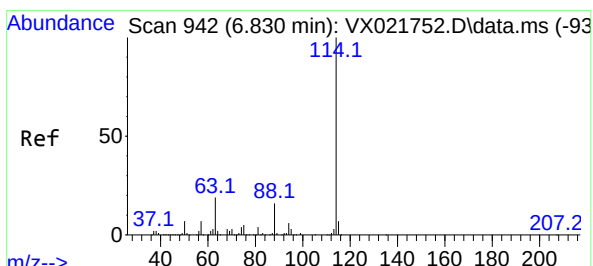
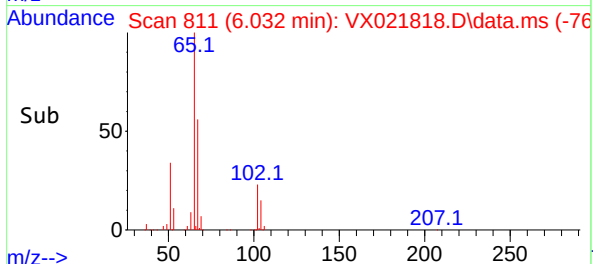
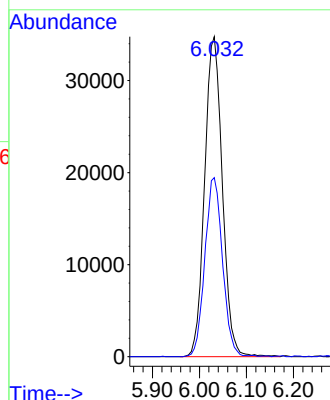
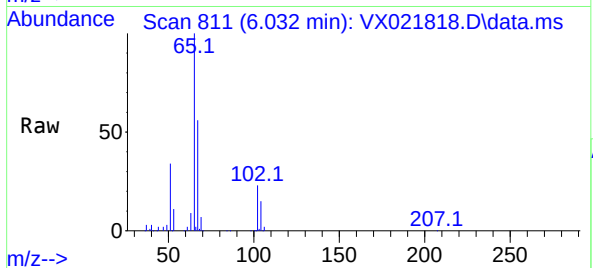




#33
1,2-Dichloroethane-d4
Concen: 50.39 ug/l
RT: 6.032 min Scan# 811
Delta R.T. 0.001 min
Lab File: VX021818.D
Acq: 22 Apr 2021 15:48

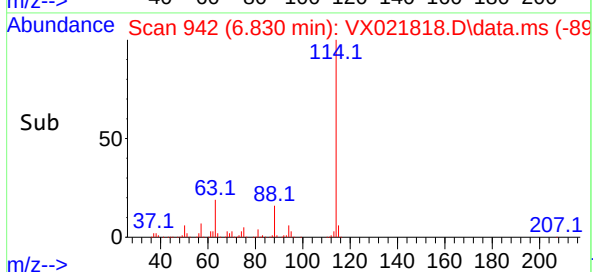
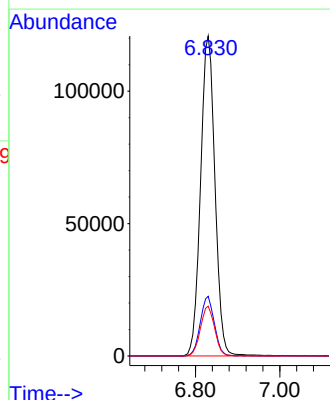
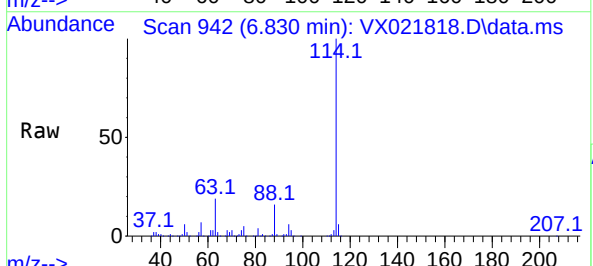
Instrument :
MSVOA_X
ClientSampleId :
IDW-AQ-FT1-042121

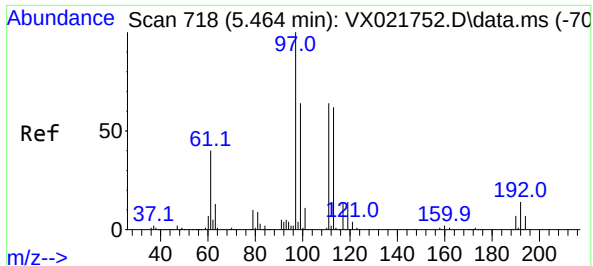
Tgt Ion: 65 Resp: 90946
Ion Ratio Lower Upper
65 100
67 55.6 0.0 105.4



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.830 min Scan# 942
Delta R.T. 0.000 min
Lab File: VX021818.D
Acq: 22 Apr 2021 15:48

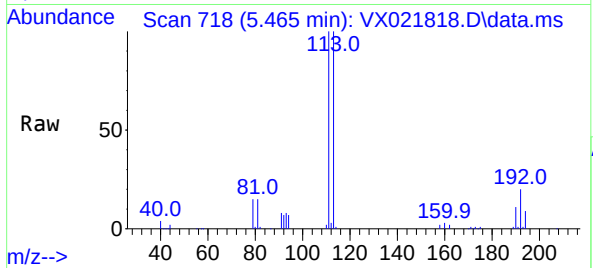
Tgt Ion: 114 Resp: 287713
Ion Ratio Lower Upper
114 100
63 18.7 0.0 40.8
88 15.6 0.0 32.8





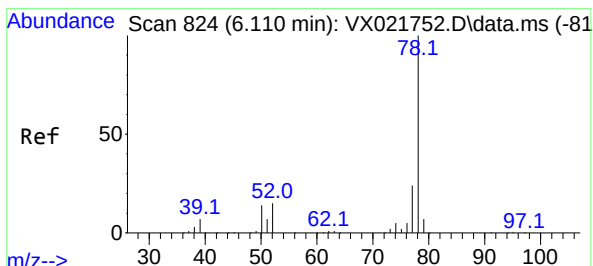
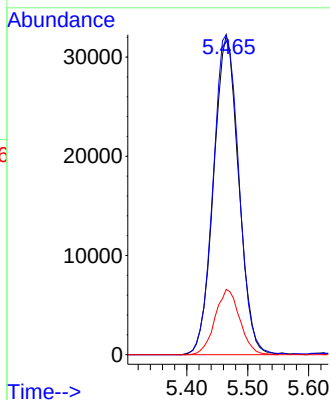
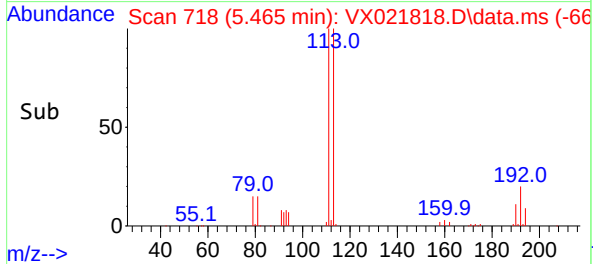
#35
 Dibromofluoromethane
 Concen: 49.91 ug/l
 RT: 5.465 min Scan# 718
 Delta R.T. 0.001 min
 Lab File: VX021818.D
 Acq: 22 Apr 2021 15:48

Instrument :
 MSVOA_X
 ClientSampleId :
 IDW-AQ-FT1-042121

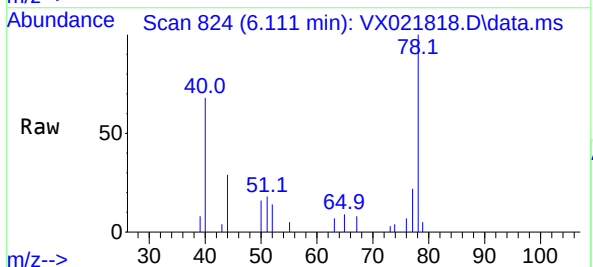


Tgt Ion:113 Resp: 91837

Ion	Ratio	Lower	Upper
113	100		
111	102.7	81.9	122.9
192	20.2	16.7	25.1

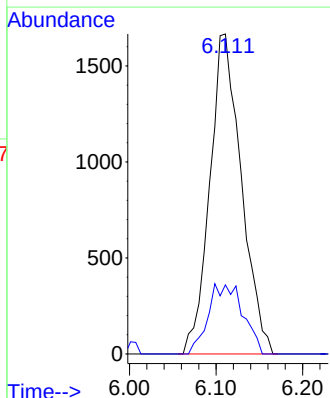
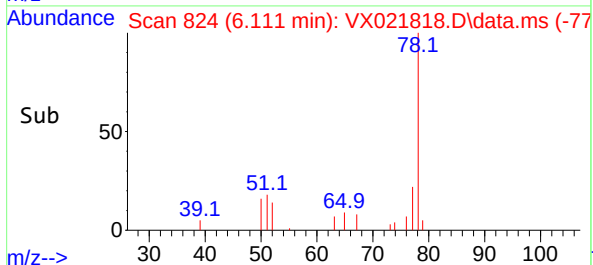


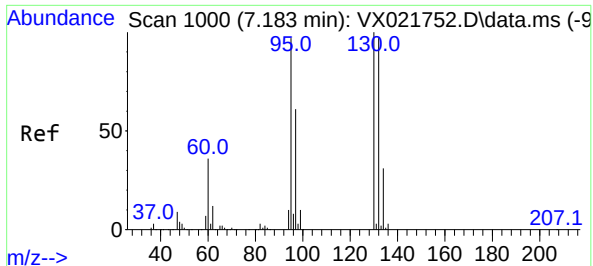
#40
 Benzene
 Concen: 0.56 ug/l
 RT: 6.111 min Scan# 824
 Delta R.T. 0.001 min
 Lab File: VX021818.D
 Acq: 22 Apr 2021 15:48



Tgt Ion: 78 Resp: 4223

Ion	Ratio	Lower	Upper
78	100		
77	21.6	18.9	28.3

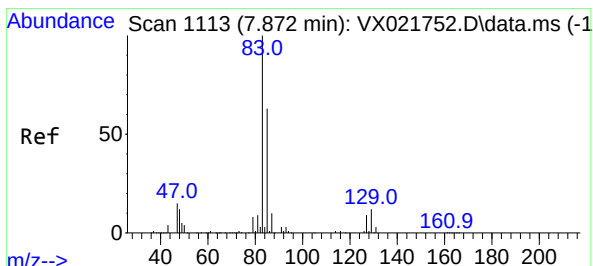
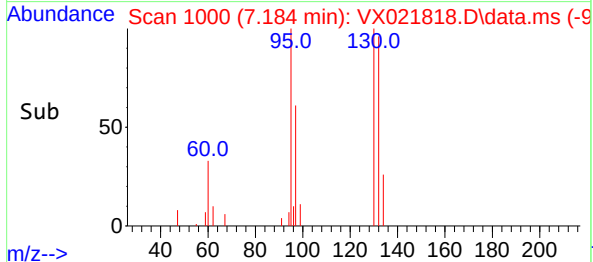
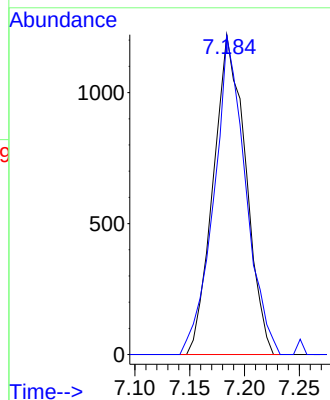
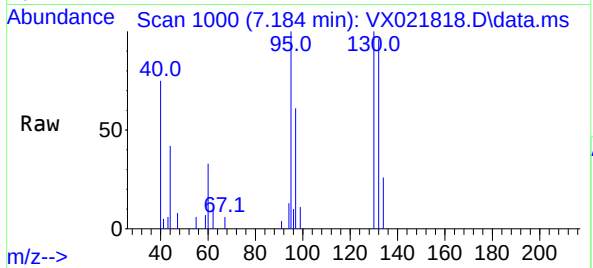




#44
Trichloroethene
Concen: 1.13 ug/l
RT: 7.184 min Scan# 1000
Delta R.T. 0.001 min
Lab File: VX021818.D
Acq: 22 Apr 2021 15:48

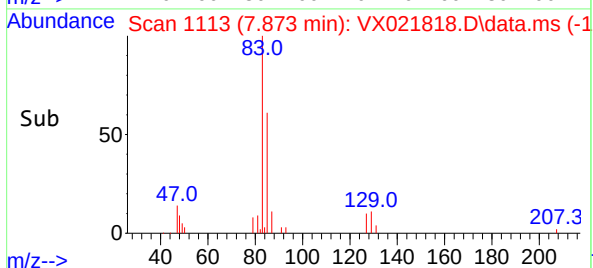
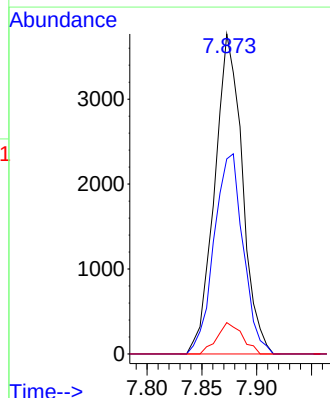
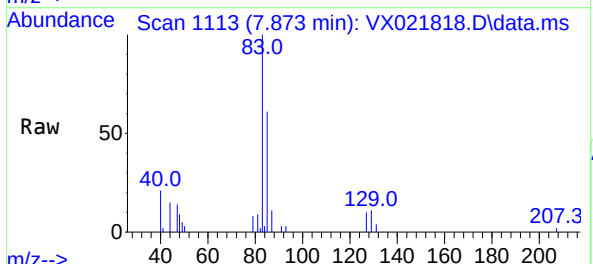
Instrument :
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ClientSampleId :
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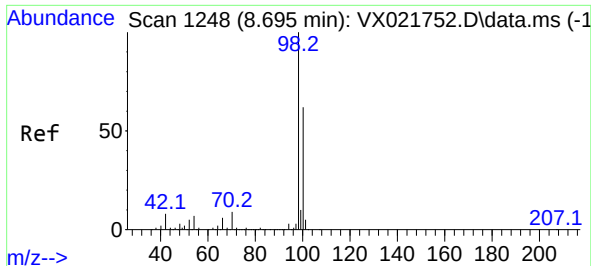
Tgt Ion:130 Resp: 2500
Ion Ratio Lower Upper
130 100
95 99.7 0.0 198.0



#47
Bromodichloromethane
Concen: 2.33 ug/l
RT: 7.873 min Scan# 1113
Delta R.T. 0.001 min
Lab File: VX021818.D
Acq: 22 Apr 2021 15:48

Tgt Ion: 83 Resp: 6611
Ion Ratio Lower Upper
83 100
85 60.9 51.4 77.0
127 9.8 6.8 10.2

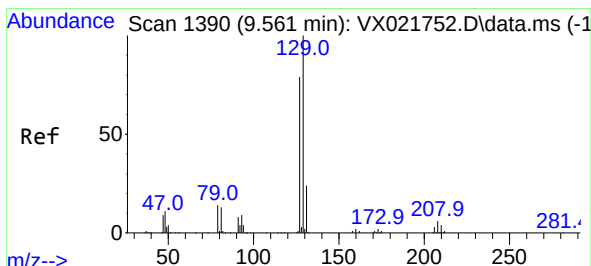
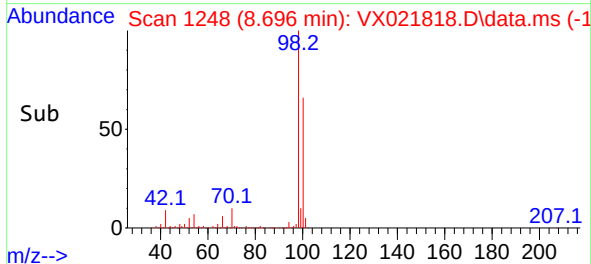
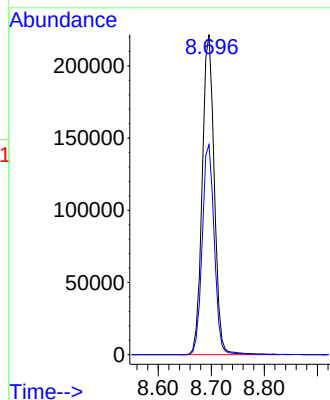
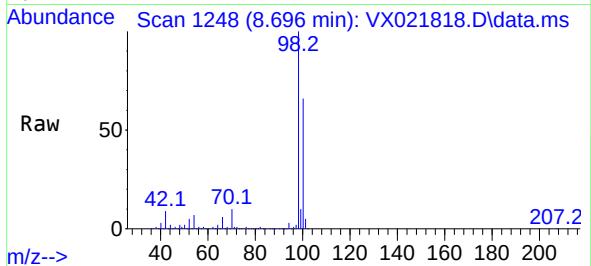




#50
Toluene-d8
Concen: 49.50 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. 0.001 min
Lab File: VX021818.D
Acq: 22 Apr 2021 15:48

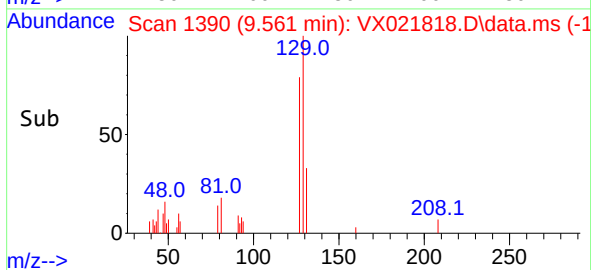
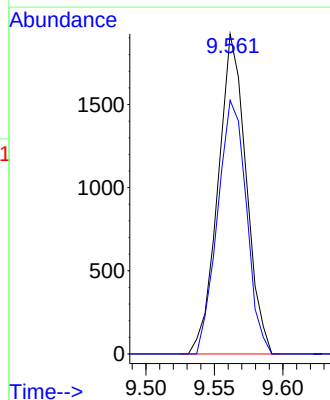
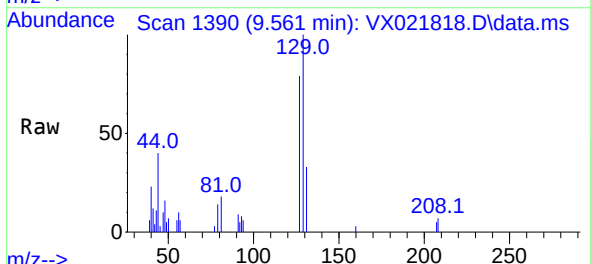
Instrument :
MSVOA_X
ClientSampleId :
IDW-AQ-FT1-042121

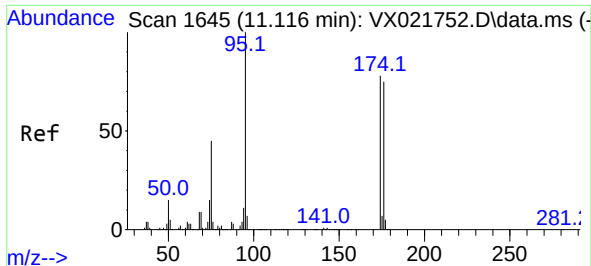
Tgt Ion: 98 Resp: 350165
Ion Ratio Lower Upper
98 100
100 65.8 51.9 77.9



#60
Dibromochloromethane
Concen: 1.12 ug/l
RT: 9.561 min Scan# 1390
Delta R.T. 0.000 min
Lab File: VX021818.D
Acq: 22 Apr 2021 15:48

Tgt Ion: 129 Resp: 2745
Ion Ratio Lower Upper
129 100
127 81.1 38.4 115.2

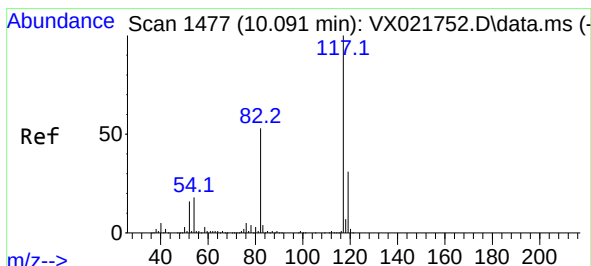
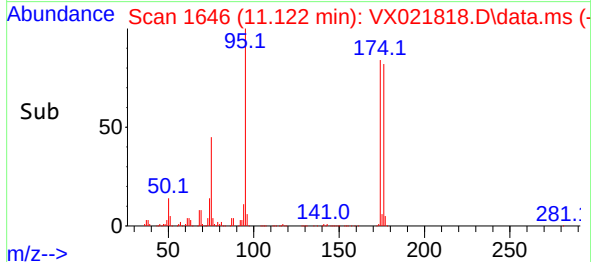
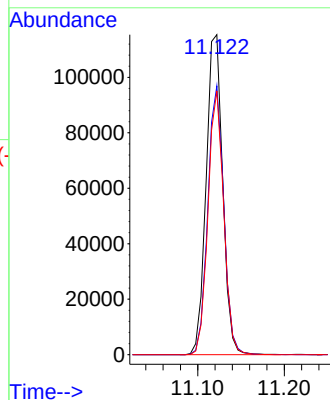
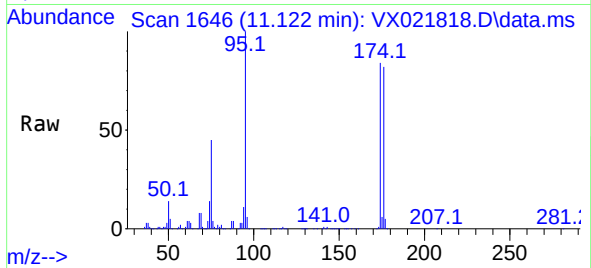




#62
4-Bromofluorobenzene
Concen: 57.99 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.006 min
Lab File: VX021818.D
Acq: 22 Apr 2021 15:48

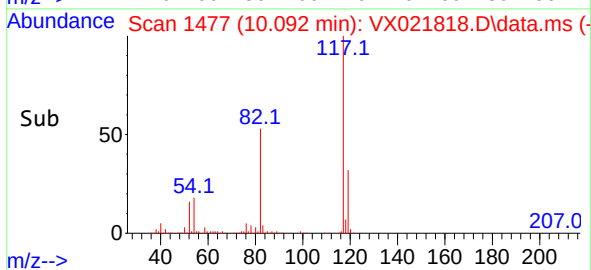
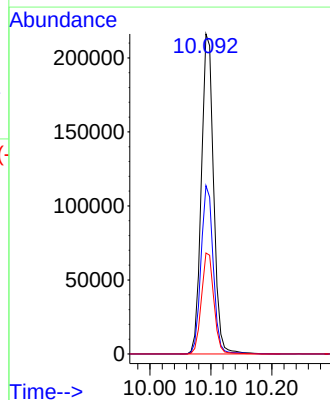
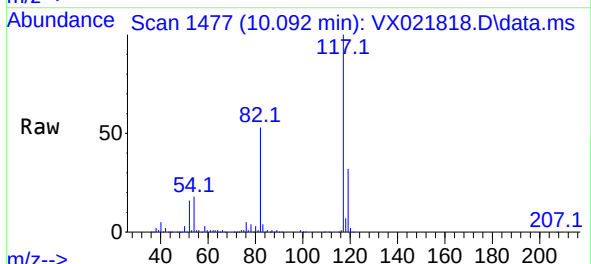
Instrument :
MSVOA_X
ClientSampleId :
IDW-AQ-FT1-042121

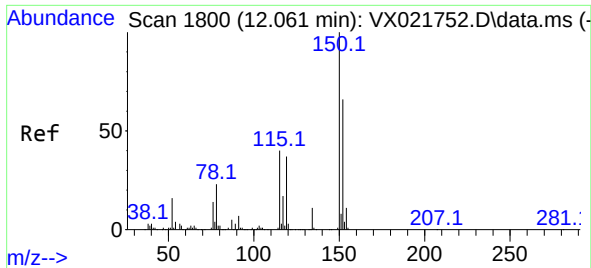
Tgt Ion: 95 Resp: 153201
Ion Ratio Lower Upper
95 100
174 80.9 0.0 154.6
176 78.1 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.092 min Scan# 1477
Delta R.T. 0.001 min
Lab File: VX021818.D
Acq: 22 Apr 2021 15:48

Tgt Ion: 117 Resp: 302215
Ion Ratio Lower Upper
117 100
82 52.6 47.4 71.2
119 31.5 26.6 39.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.061 min Scan# 1800
 Delta R.T. -0.000 min
 Lab File: VX021818.D
 Acq: 22 Apr 2021 15:48

Instrument :
 MSVOA_X
 ClientSampleId :
 IDW-AQ-FT1-042121

Tgt Ion:152 Resp: 161249
 Ion Ratio Lower Upper
 152 100
 115 59.0 41.1 123.3
 150 155.6 0.0 349.0

