

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032921\
 Data File : VX021609.D
 Acq On : 30 Mar 2021 04:34
 Operator : JC/MD
 Sample : M1843-14
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE114D1-20210325

Quant Time: Mar 30 05:24:55 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032421W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 24 12:25:26 2021
 Response via : Initial Calibration

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

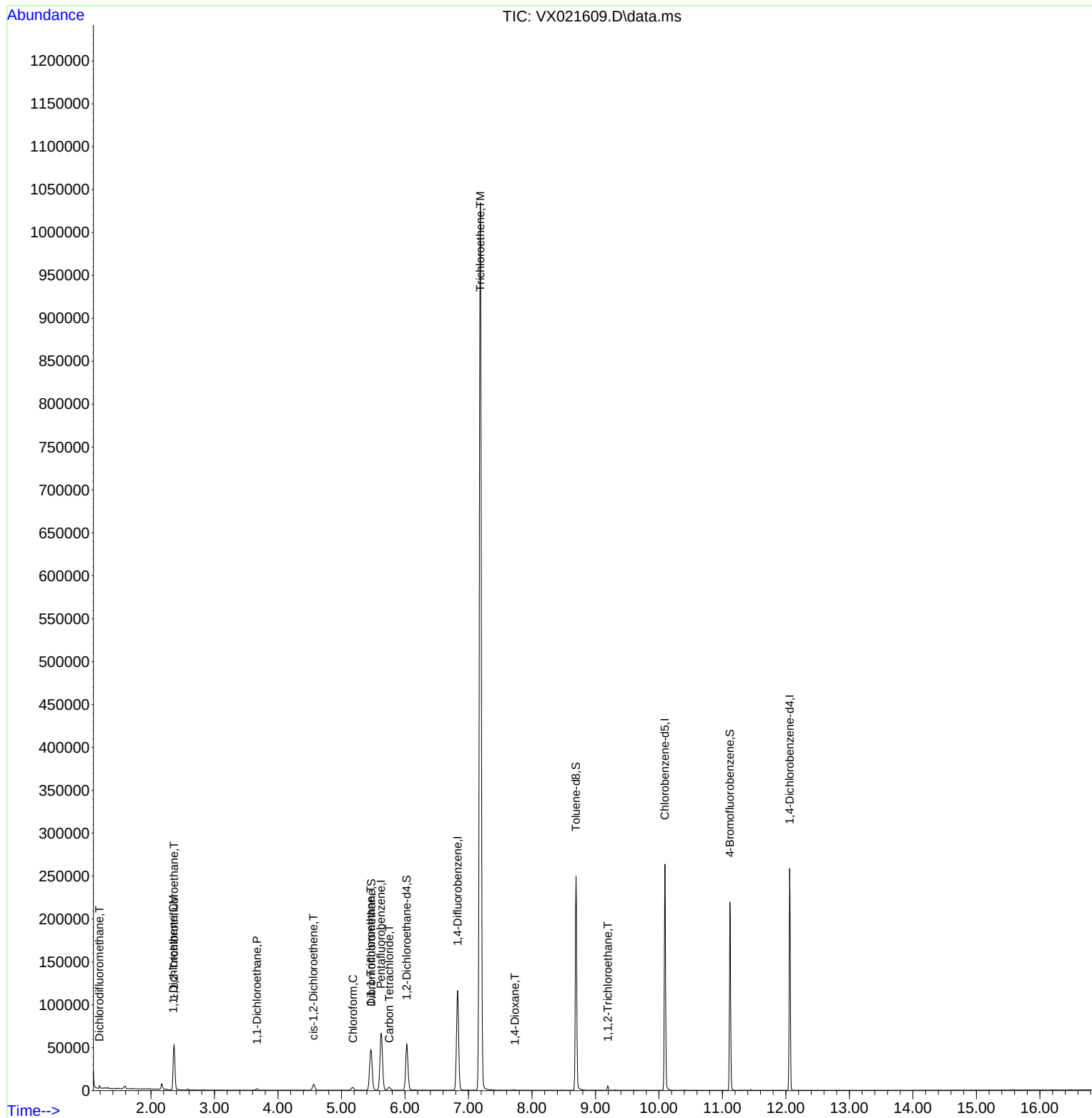
Internal Standards						
1) Pentafluorobenzene	5.623	168	58275	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	108247	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	111099	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	46834	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	51596	53.21	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 106.42%	
35) Dibromofluoromethane	5.470	113	39358	51.19	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.38%	
50) Toluene-d8	8.694	98	139264	50.83	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 101.66%	
62) 4-Bromofluorobenzene	11.118	95	55479	52.08	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 104.16%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.187	85	957	1.49	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.364	101	18201	30.34	ug/l	96
12) 1,1-Dichloroethene	2.352	96	2966	5.05	ug/l	81
24) 1,1-Dichloroethane	3.670	63	1790	1.43	ug/l #	94
27) cis-1,2-Dichloroethene	4.558	96	3846	5.13	ug/l	99
30) Chloroform	5.182	83	3784	2.87	ug/l	89
32) 1,1,1-Trichloroethane	5.458	97	556	0.48	ug/l #	48
38) Carbon Tetrachloride	5.753	117	2897	2.54	ug/l	98
44) Trichloroethene	7.188	130	366646	461.31	ug/l	93
49) 1,4-Dioxane	7.729	88	325	17.09	ug/l #	70
55) 1,1,2-Trichloroethane	9.194	97	1139	1.45	ug/l	95

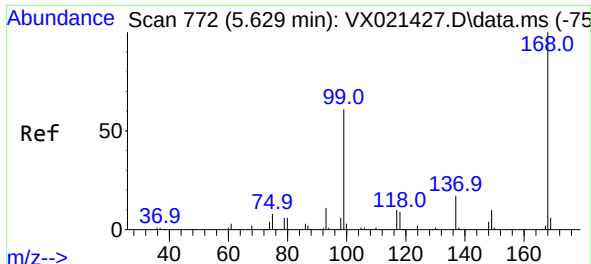
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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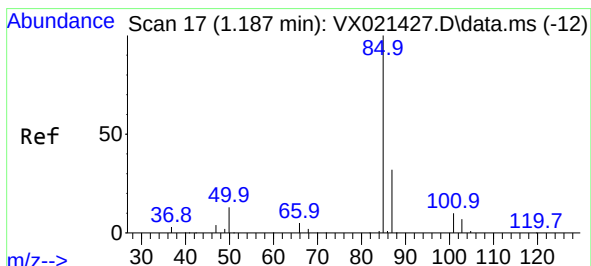
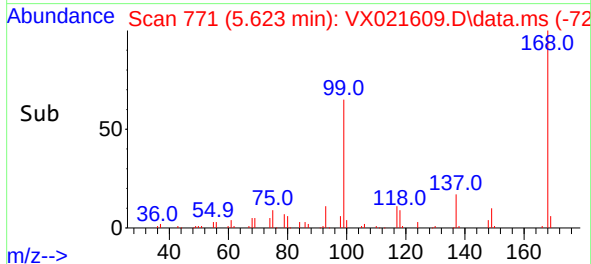
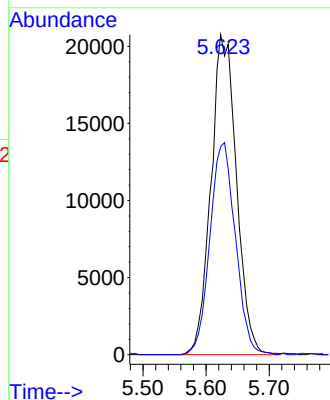
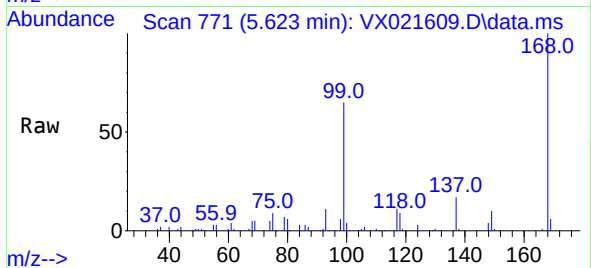




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.623 min Scan# 771
Delta R.T. -0.006 min
Lab File: VX021609.D
Acq: 30 Mar 2021 04:34

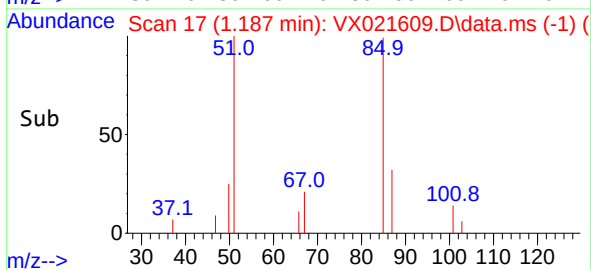
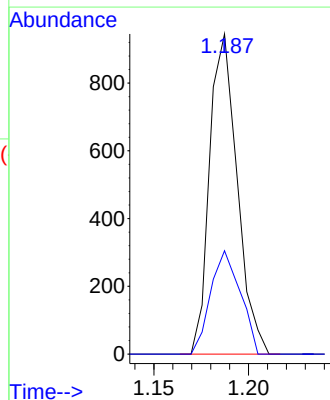
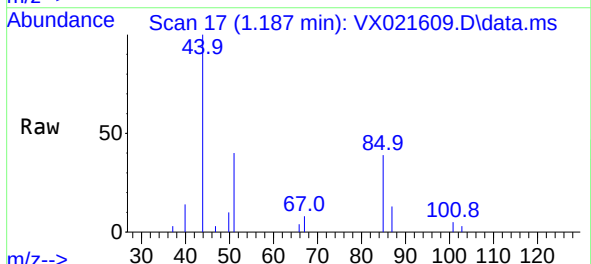
Instrument :
MSVOA_X
ClientSampleId :
RE114D1-20210325

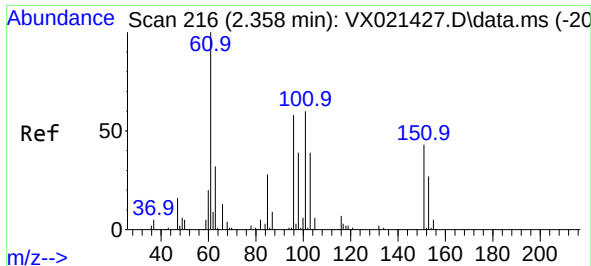
Tgt Ion:168 Resp: 58275
Ion Ratio Lower Upper
168 100
99 65.0 45.8 68.6



#2
Dichlorodifluoromethane
Concen: 1.49 ug/l
RT: 1.187 min Scan# 17
Delta R.T. 0.000 min
Lab File: VX021609.D
Acq: 30 Mar 2021 04:34

Tgt Ion: 85 Resp: 957
Ion Ratio Lower Upper
85 100
87 32.3 16.4 49.2

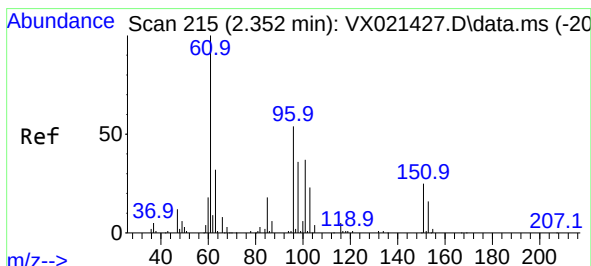
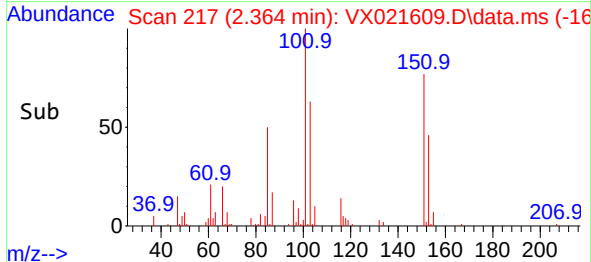
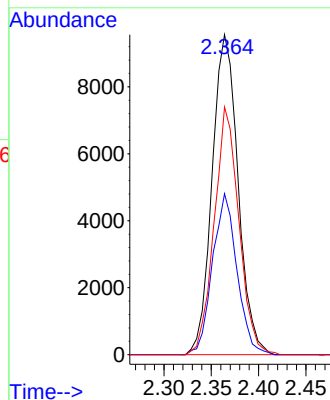
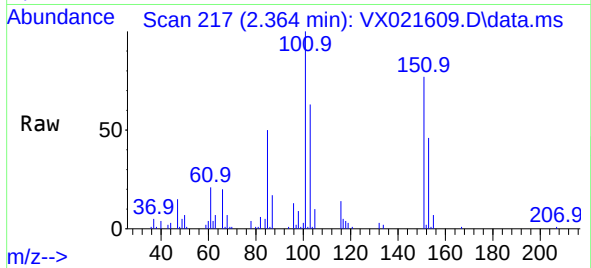




#9
1,1,2-Trichlorotrifluoroethane
Concen: 30.34 ug/l
RT: 2.364 min Scan# 217
Delta R.T. 0.006 min
Lab File: VX021609.D
Acq: 30 Mar 2021 04:34

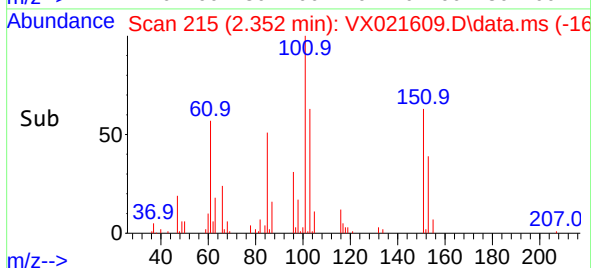
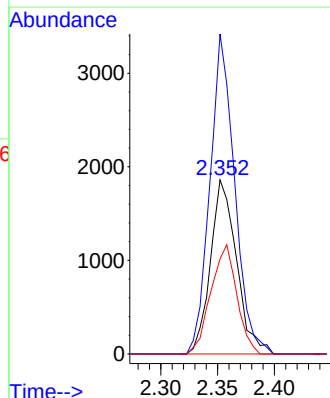
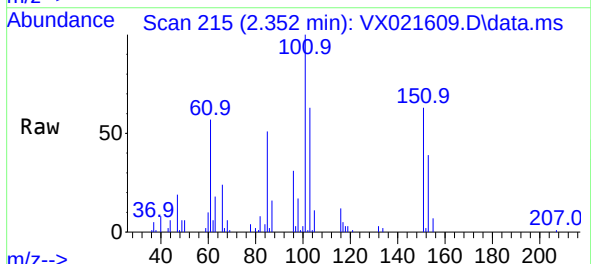
Instrument :
MSVOA_X
ClientSampleId :
RE114D1-20210325

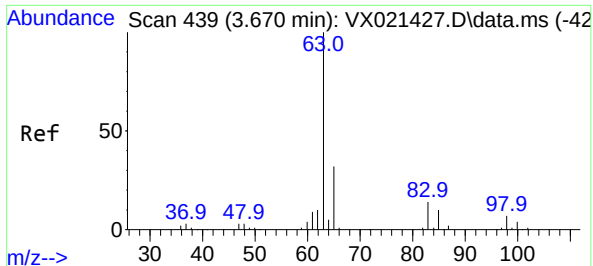
Tgt Ion:101 Resp: 18201
Ion Ratio Lower Upper
101 100
85 47.5 34.9 52.3
151 73.7 61.4 92.2



#12
1,1-Dichloroethene
Concen: 5.05 ug/l
RT: 2.352 min Scan# 215
Delta R.T. 0.000 min
Lab File: VX021609.D
Acq: 30 Mar 2021 04:34

Tgt Ion: 96 Resp: 2966
Ion Ratio Lower Upper
96 100
61 183.8 124.6 187.0
98 54.6 50.6 76.0

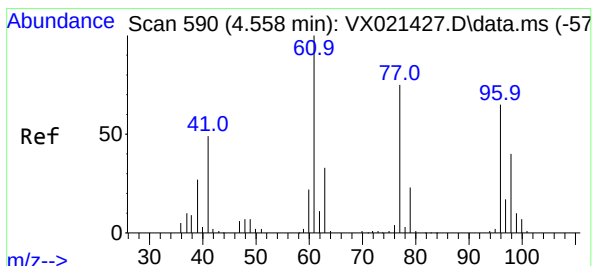
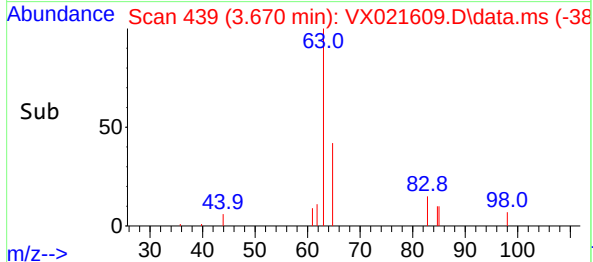
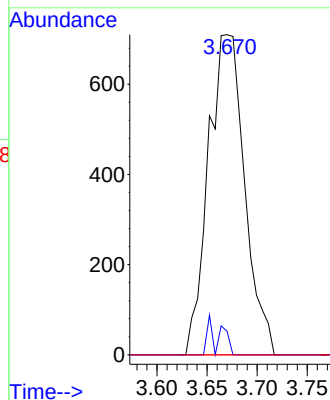
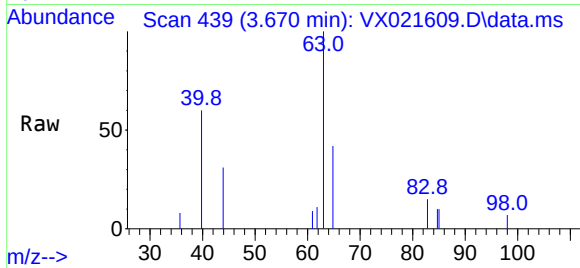




#24
1,1-Dichloroethane
Concen: 1.43 ug/l
RT: 3.670 min Scan# 439
Delta R.T. -0.000 min
Lab File: VX021609.D
Acq: 30 Mar 2021 04:34

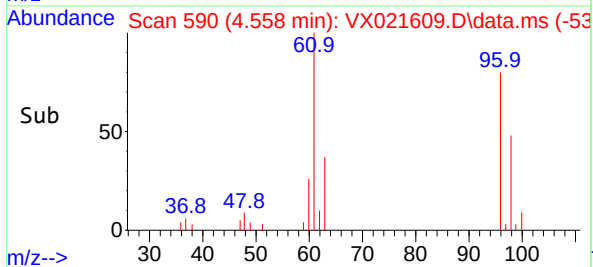
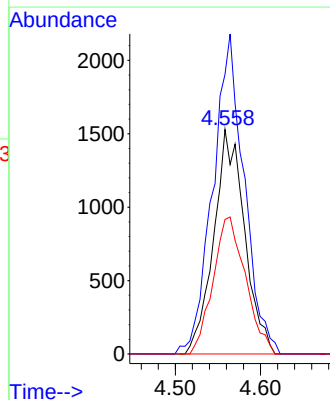
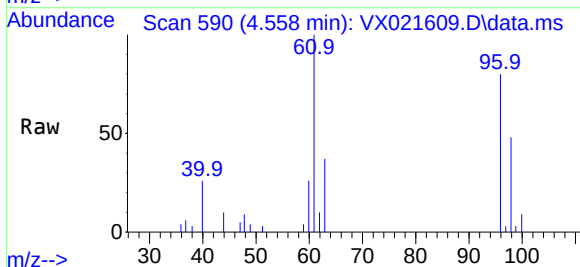
Instrument :
MSVOA_X
ClientSampleId :
RE114D1-20210325

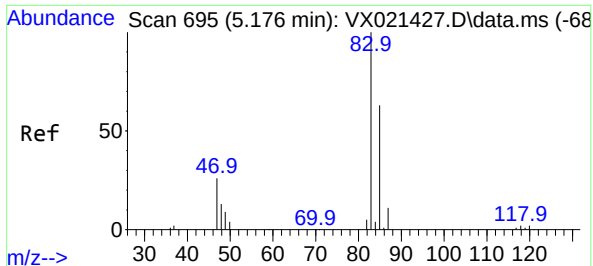
Tgt Ion: 63 Resp: 1790
Ion Ratio Lower Upper
63 100
98 7.3 3.8 11.2
100 0.0 2.5 7.5#



#27
cis-1,2-Dichloroethene
Concen: 5.13 ug/l
RT: 4.558 min Scan# 590
Delta R.T. 0.000 min
Lab File: VX021609.D
Acq: 30 Mar 2021 04:34

Tgt Ion: 96 Resp: 3846
Ion Ratio Lower Upper
96 100
61 144.6 0.0 285.6
98 64.3 0.0 129.6





#30

Chloroform

Concen: 2.87 ug/l

RT: 5.182 min Scan# 696

Delta R.T. 0.006 min

Lab File: VX021609.D

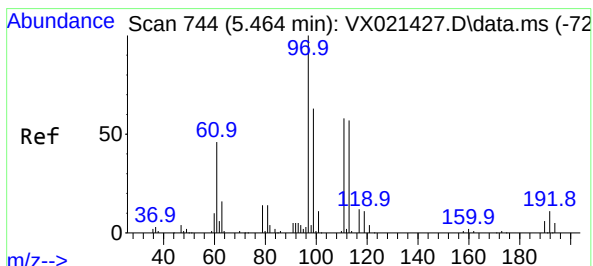
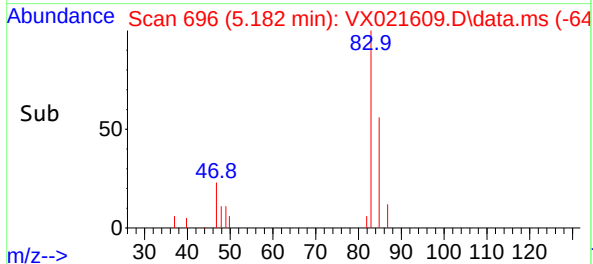
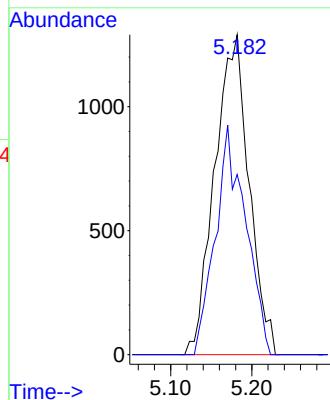
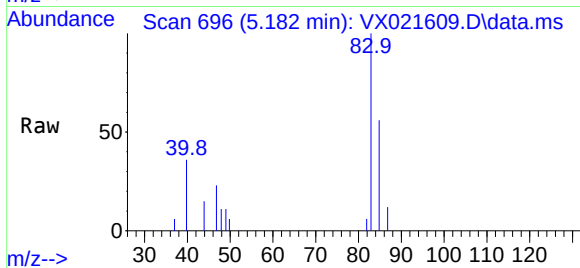
Acq: 30 Mar 2021 04:34

Tgt Ion: 83 Resp: 3784

Ion Ratio Lower Upper

83 100

85 56.3 52.0 78.0



#32

1,1,1-Trichloroethane

Concen: 0.48 ug/l

RT: 5.458 min Scan# 743

Delta R.T. -0.006 min

Lab File: VX021609.D

Acq: 30 Mar 2021 04:34

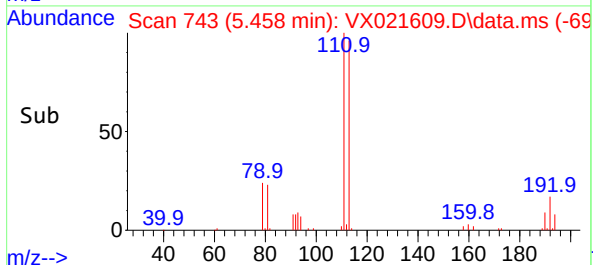
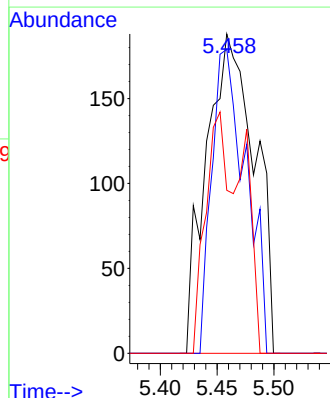
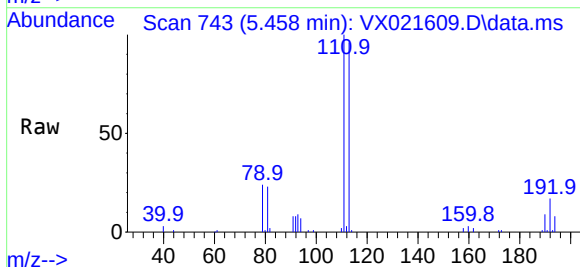
Tgt Ion: 97 Resp: 556

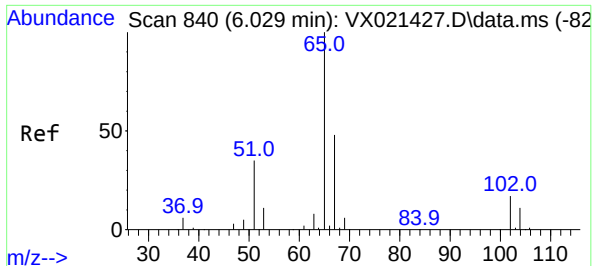
Ion Ratio Lower Upper

97 100

99 0.0 51.5 77.3#

61 38.8 34.2 51.4



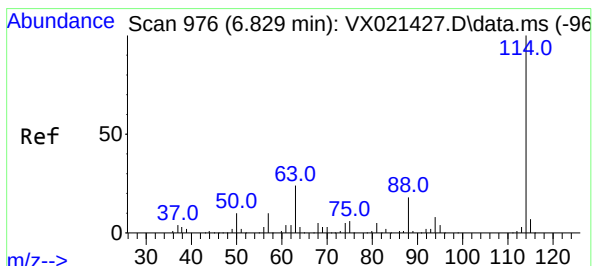
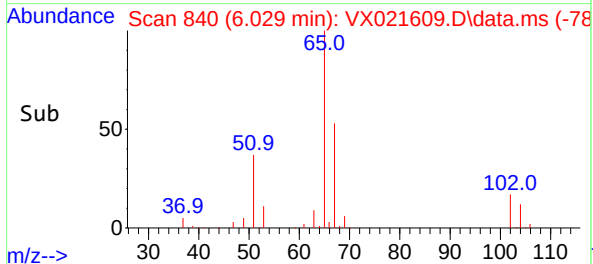
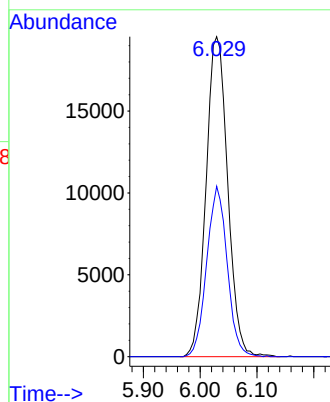
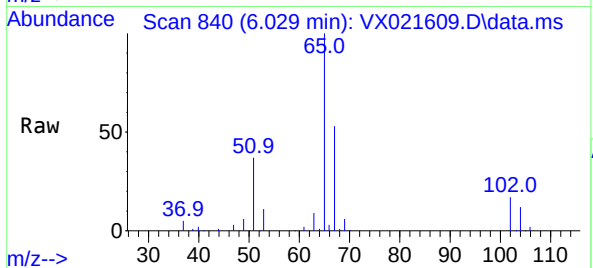


#33

1,2-Dichloroethane-d4
Concen: 53.21 ug/l
RT: 6.029 min Scan# 840
Delta R.T. 0.000 min
Lab File: VX021609.D
Acq: 30 Mar 2021 04:34

Instrument :
MSVOA_X
ClientSampleId :
RE114D1-20210325

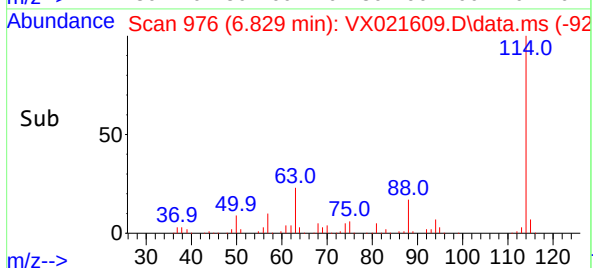
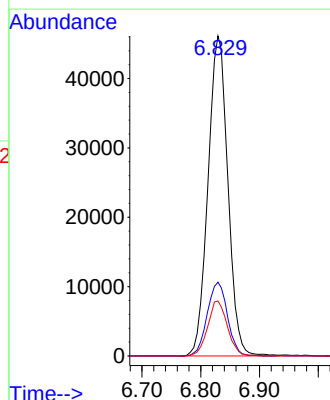
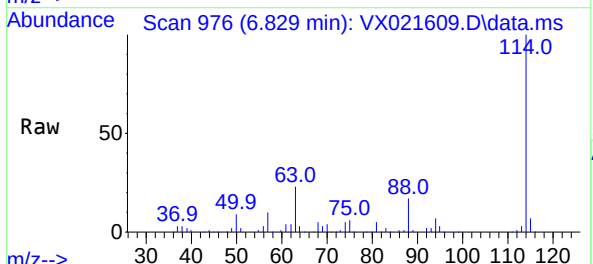
Tgt Ion: 65 Resp: 51596
Ion Ratio Lower Upper
65 100
67 50.4 0.0 105.4

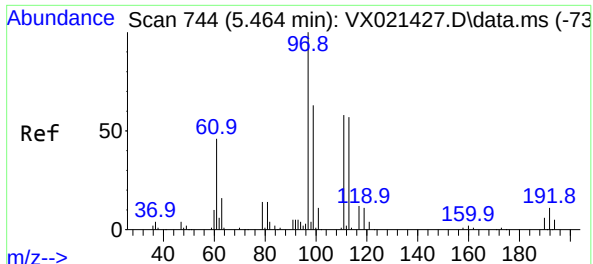


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.829 min Scan# 976
Delta R.T. 0.000 min
Lab File: VX021609.D
Acq: 30 Mar 2021 04:34

Tgt Ion: 114 Resp: 108247
Ion Ratio Lower Upper
114 100
63 23.1 0.0 40.8
88 17.2 0.0 32.8

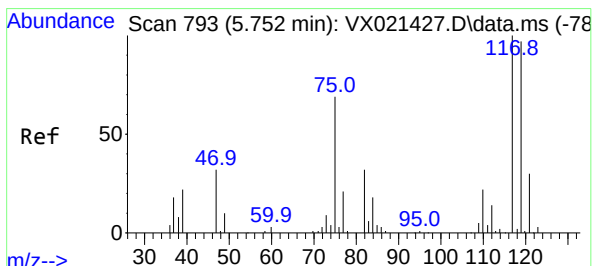
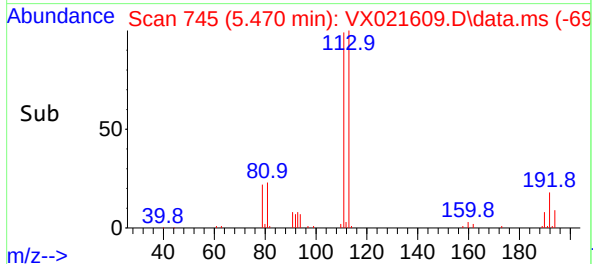
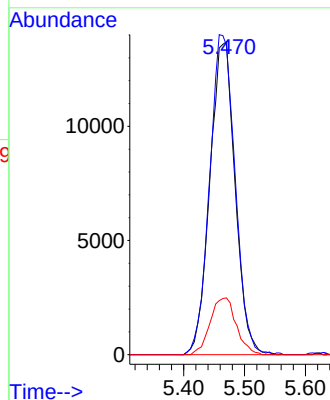
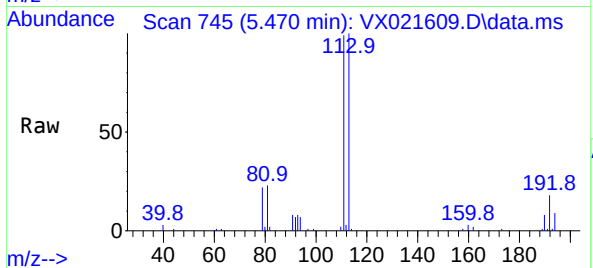




#35
Dibromofluoromethane
Concen: 51.19 ug/l
RT: 5.470 min Scan# 745
Delta R.T. 0.006 min
Lab File: VX021609.D
Acq: 30 Mar 2021 04:34

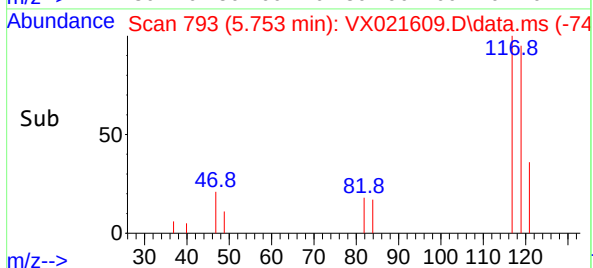
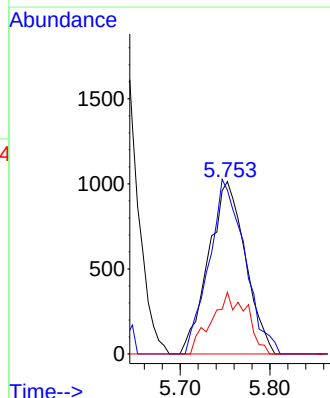
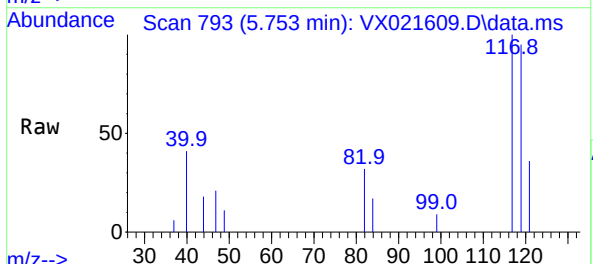
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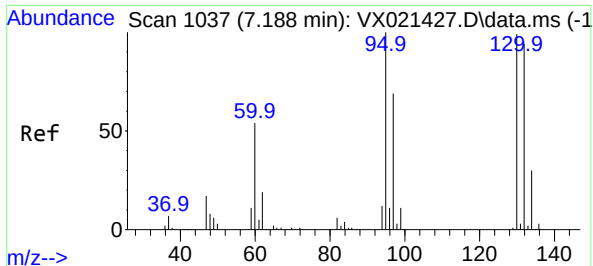
Tgt Ion:113 Resp: 39358
Ion Ratio Lower Upper
113 100
111 103.3 81.9 122.9
192 18.8 16.7 25.1



#38
Carbon Tetrachloride
Concen: 2.54 ug/l
RT: 5.753 min Scan# 793
Delta R.T. 0.001 min
Lab File: VX021609.D
Acq: 30 Mar 2021 04:34

Tgt Ion:117 Resp: 2897
Ion Ratio Lower Upper
117 100
119 95.1 76.2 114.2
121 35.8 24.8 37.2

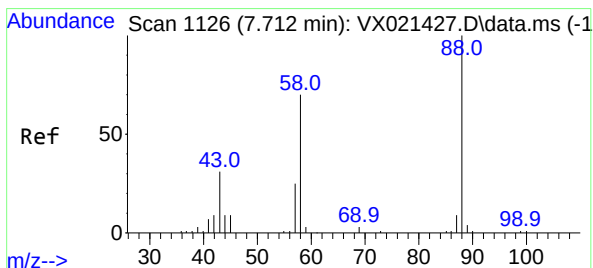
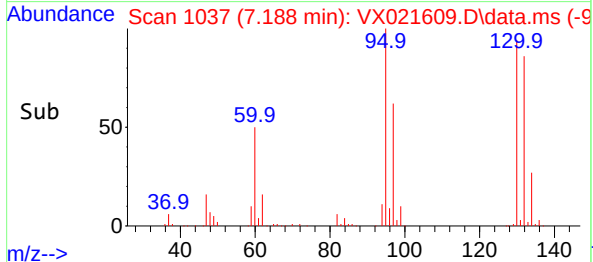
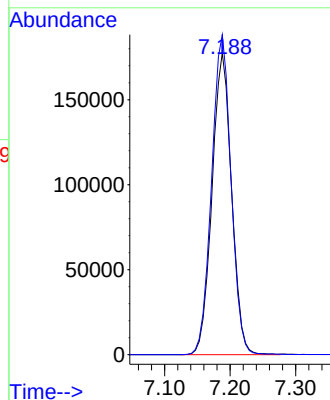
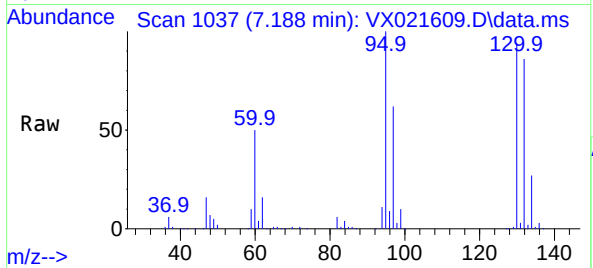




#44
Trichloroethene
Concen: 461.31 ug/l
RT: 7.188 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VX021609.D
Acq: 30 Mar 2021 04:34

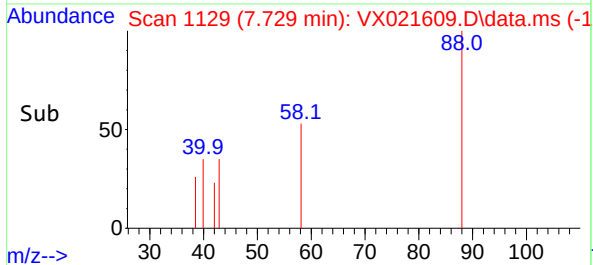
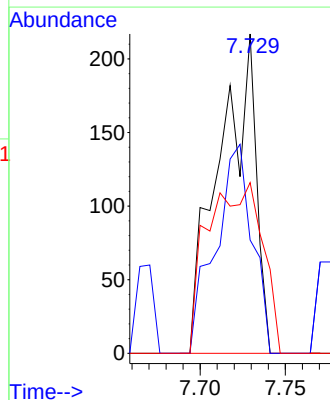
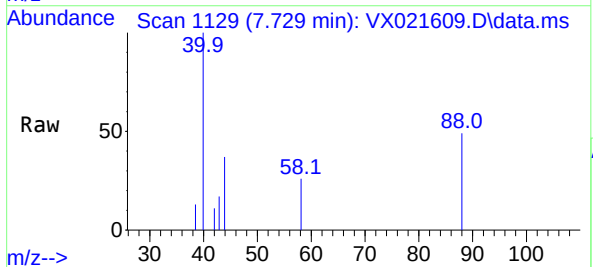
Instrument :
MSVOA_X
ClientSampleId :
RE114D1-20210325

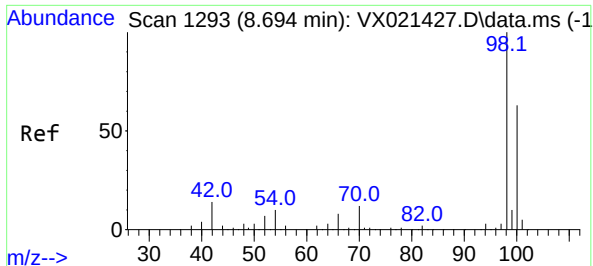
Tgt Ion:130 Resp: 366646
Ion Ratio Lower Upper
130 100
95 106.0 0.0 198.0



#49
1,4-Dioxane
Concen: 17.09 ug/l
RT: 7.729 min Scan# 1129
Delta R.T. 0.017 min
Lab File: VX021609.D
Acq: 30 Mar 2021 04:34

Tgt Ion: 88 Resp: 325
Ion Ratio Lower Upper
88 100
43 66.2 23.2 34.8#
58 79.7 55.0 82.4

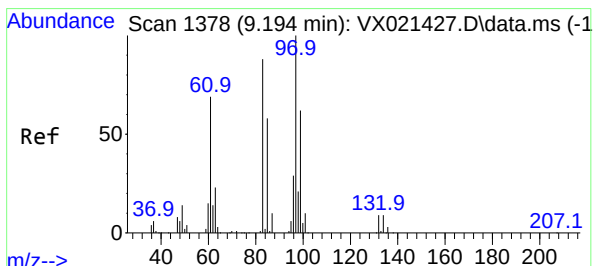
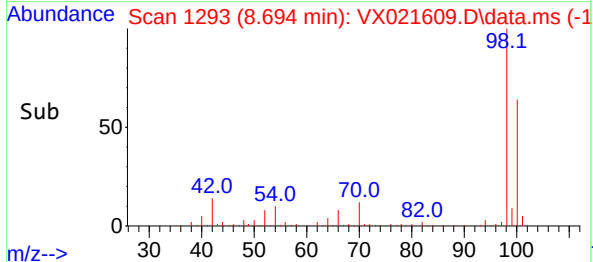
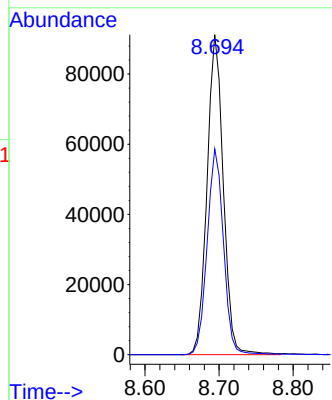
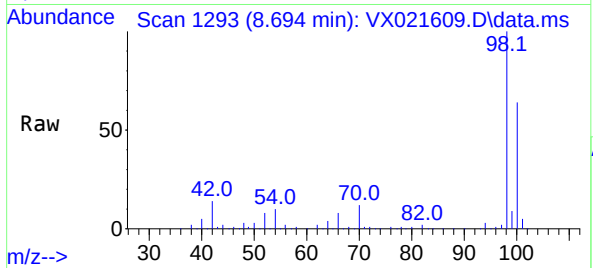




#50
Toluene-d8
Concen: 50.83 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. 0.000 min
Lab File: VX021609.D
Acq: 30 Mar 2021 04:34

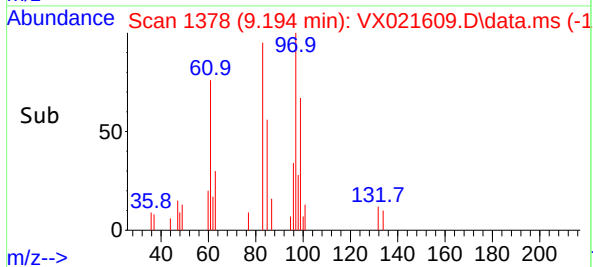
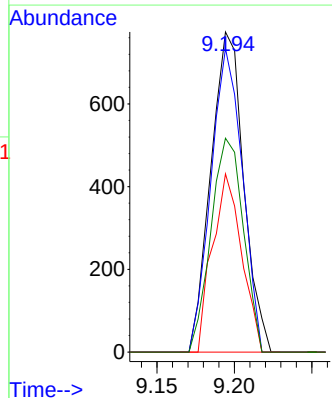
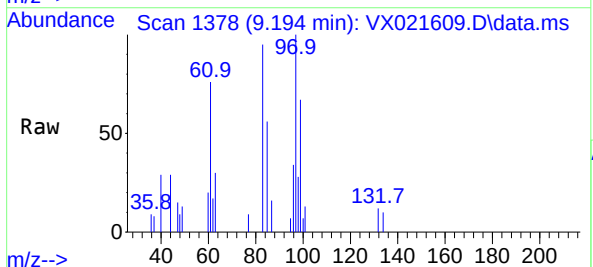
Instrument :
MSVOA_X
ClientSampleId :
RE114D1-20210325

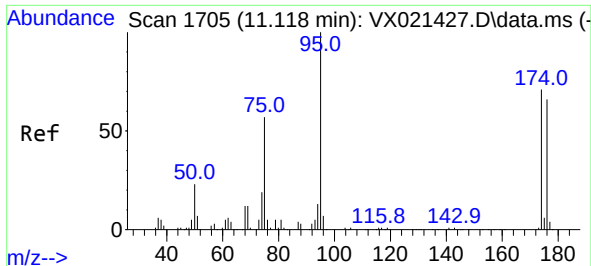
Tgt Ion: 98 Resp: 139264
Ion Ratio Lower Upper
98 100
100 64.7 51.9 77.9



#55
1,1,2-Trichloroethane
Concen: 1.45 ug/l
RT: 9.194 min Scan# 1378
Delta R.T. 0.000 min
Lab File: VX021609.D
Acq: 30 Mar 2021 04:34

Tgt Ion: 97 Resp: 1139
Ion Ratio Lower Upper
97 100
83 94.8 69.3 103.9
85 55.7 44.3 66.5
99 66.8 50.3 75.5

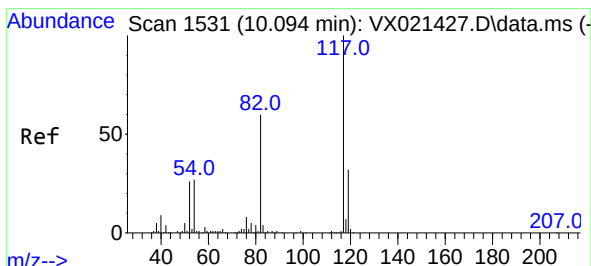
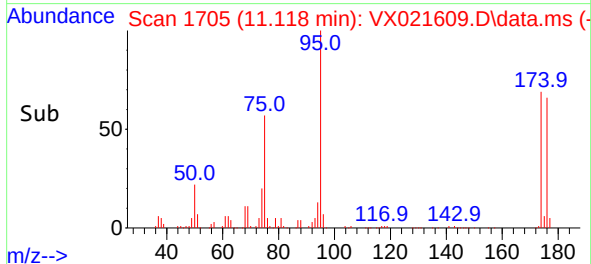
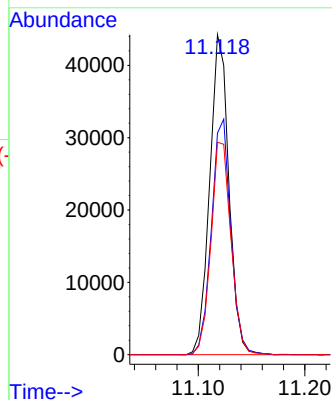
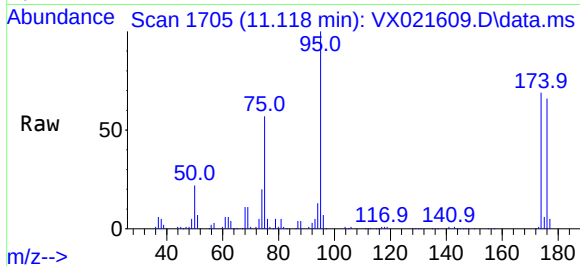




#62
4-Bromofluorobenzene
Concen: 52.08 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021609.D
Acq: 30 Mar 2021 04:34

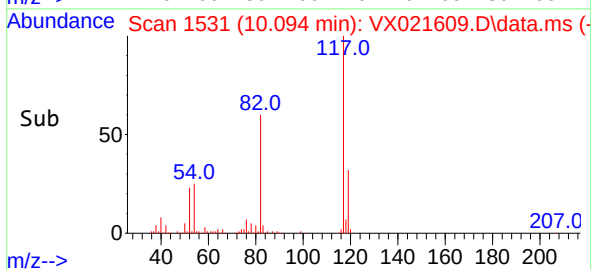
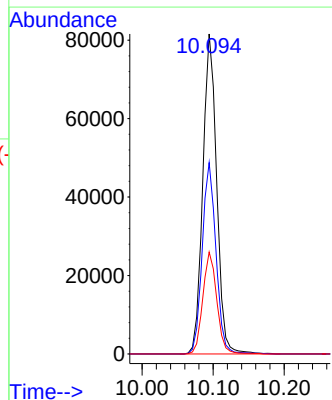
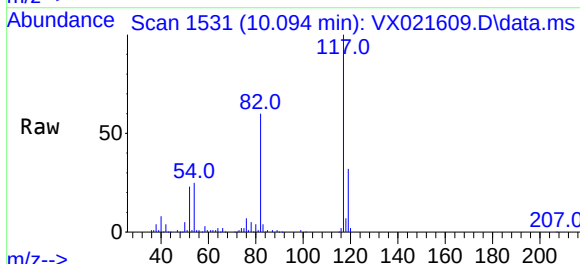
Instrument :
MSVOA_X
ClientSampleId :
RE114D1-20210325

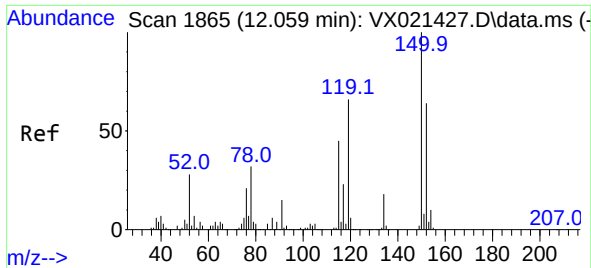
Tgt Ion: 95 Resp: 55479
Ion Ratio Lower Upper
95 100
174 74.3 0.0 154.6
176 69.4 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VX021609.D
Acq: 30 Mar 2021 04:34

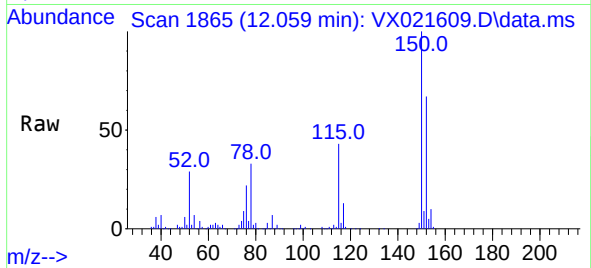
Tgt Ion: 117 Resp: 111099
Ion Ratio Lower Upper
117 100
82 59.8 47.4 71.2
119 31.9 26.6 39.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.059 min Scan# 1865
 Delta R.T. 0.000 min
 Lab File: VX021609.D
 Acq: 30 Mar 2021 04:34

Instrument :
 MSVOA_X
 ClientSampleId :
 RE114D1-20210325



Tgt Ion:152 Resp: 46834

Ion	Ratio	Lower	Upper
152	100		
115	64.7	41.1	123.3
150	159.0	0.0	349.0

