

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122420\
 Data File : VX020389.D
 Acq On : 24 Dec 2020 15:46
 Operator : JC/MD
 Sample : L5124-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FB-20201214

Quant Time: Dec 25 01:13:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121820W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 18 13:09:49 2020
 Response via : Initial Calibration

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

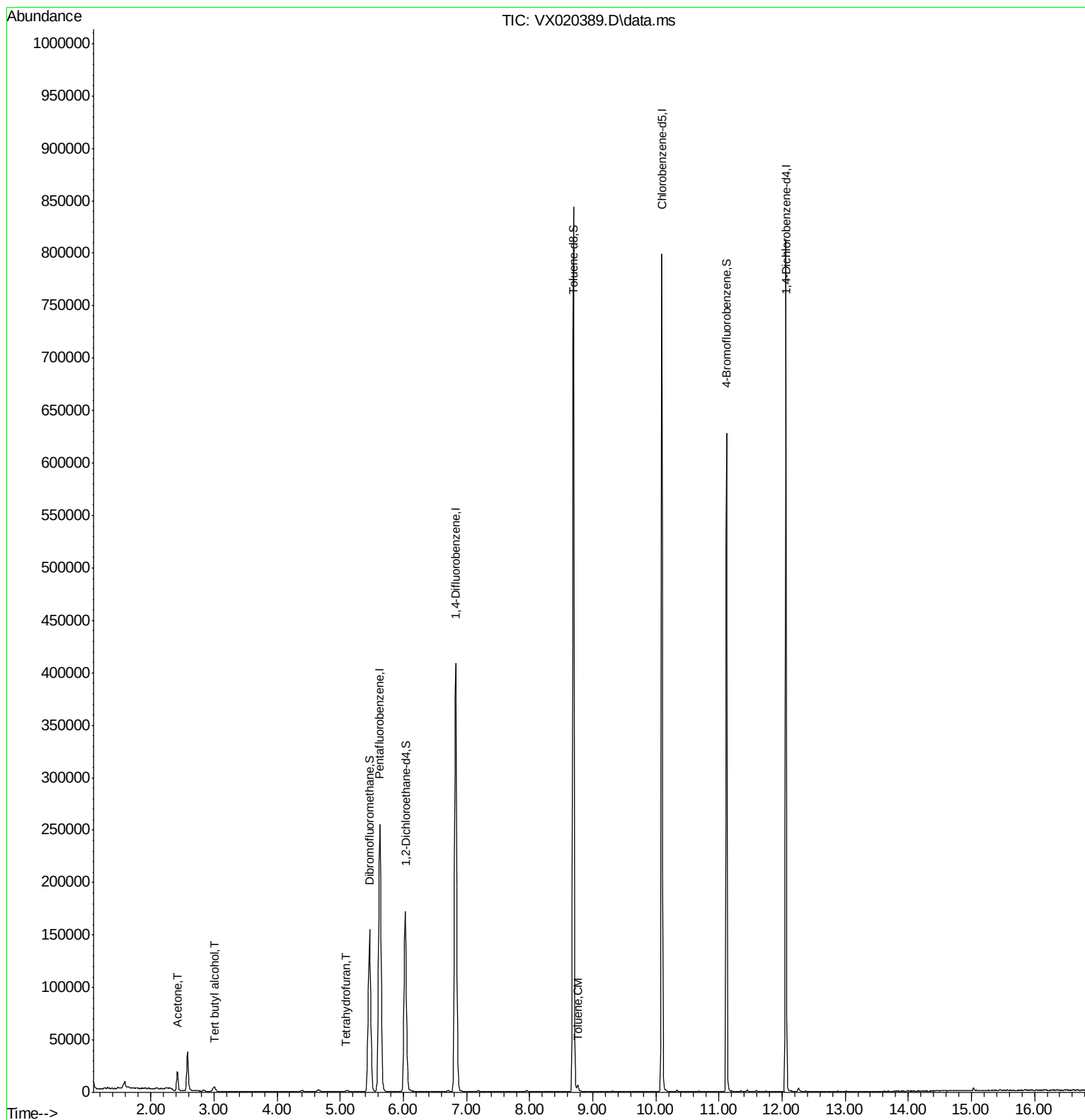
Internal Standards						
1) Pentafluorobenzene	5.629	168	243471	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.830	114	407011	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.098	117	378322	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	159103	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	165188	50.62	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	101.24%
35) Dibromofluoromethane	5.464	113	132765	50.99	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	101.98%
50) Toluene-d8	8.695	98	498454	49.74	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	99.48%
62) 4-Bromofluorobenzene	11.122	95	170892	44.55	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	89.10%
Target Compounds						
11) Tert butyl alcohol	3.014	59	4717	6.45	ug/l #	93
16) Acetone	2.416	43	18881	12.69	ug/l	100
29) Tetrahydrofuran	5.092	42	1172	0.86	ug/l #	79
52) Toluene	8.763	92	1919	0.25	ug/l	99

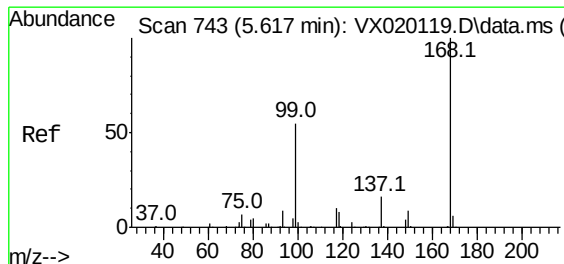
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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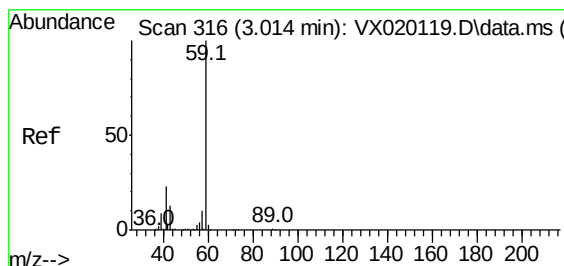
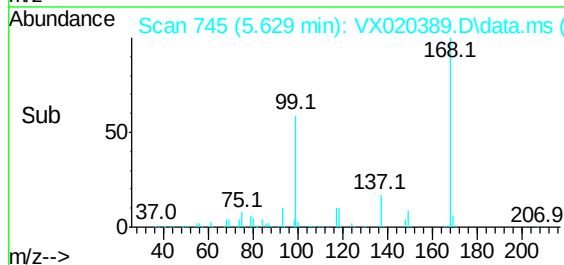
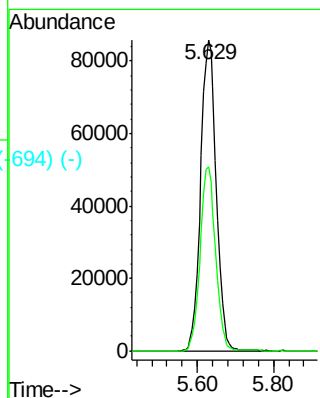
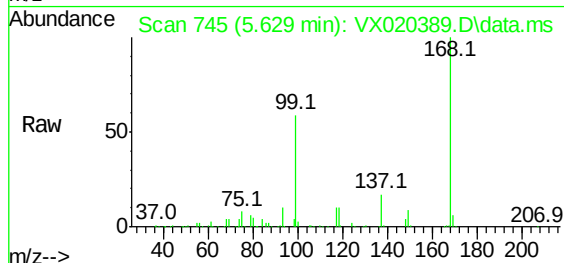




Pentafuorobenzene
 Concen: 50.00 ug/l
 RT: 5.629 min Scan# 745
 Delta R.T. 0.012 min
 Lab File: VX020389.D
 Acq: 24 Dec 2020 15:46

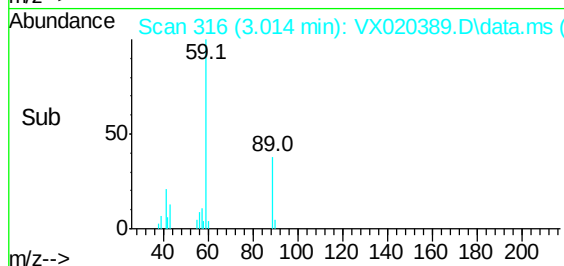
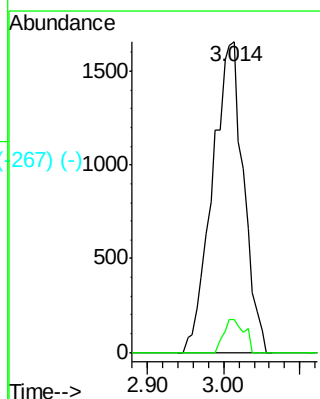
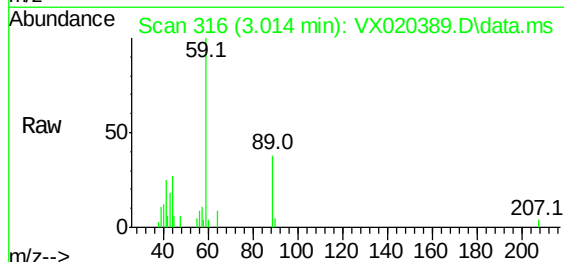
Instrument :
 MSVOA_X
 ClientSampleId :
 FB-20201214

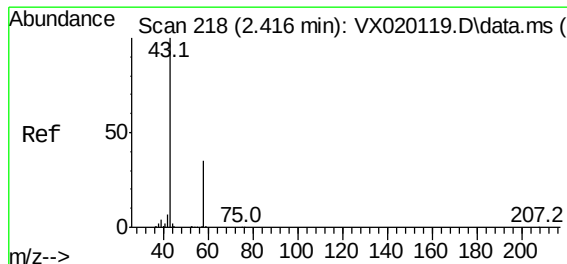
Tgt Ion:168 Resp: 243471
 Ion Ratio Lower Upper
 168 100
 99 59.3 45.8 68.6



Tert butyl alcohol
 Concen: 6.45 ug/l
 RT: 3.014 min Scan# 316
 Delta R.T. -0.000 min
 Lab File: VX020389.D
 Acq: 24 Dec 2020 15:46

Tgt Ion: 59 Resp: 4717
 Ion Ratio Lower Upper
 59 100
 57 7.0 7.8 11.8#

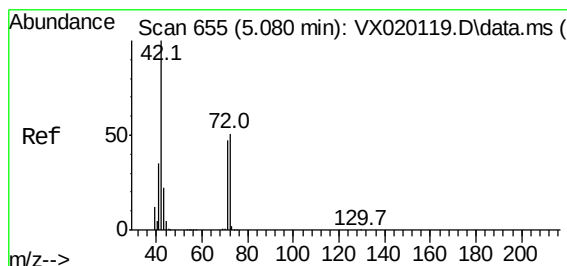
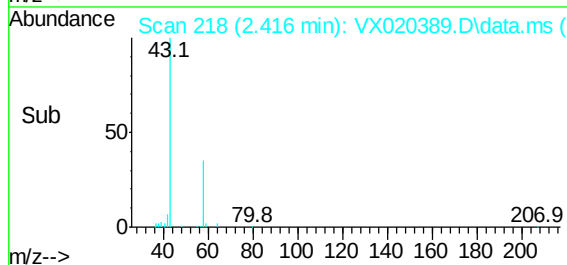
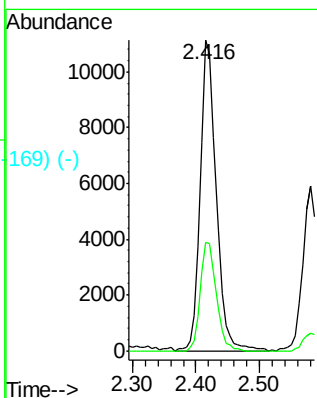
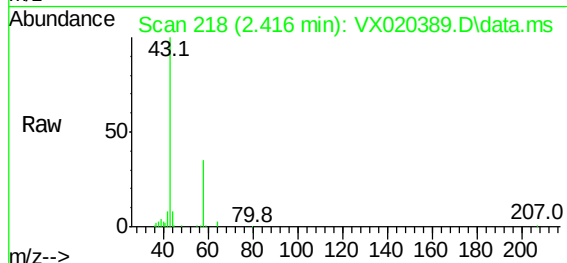




Acetone
Concen: 12.69 ug/l
RT: 2.416 min Scan# 218
Delta R.T. 0.000 min
Lab File: VX020389.D
Acq: 24 Dec 2020 15:46

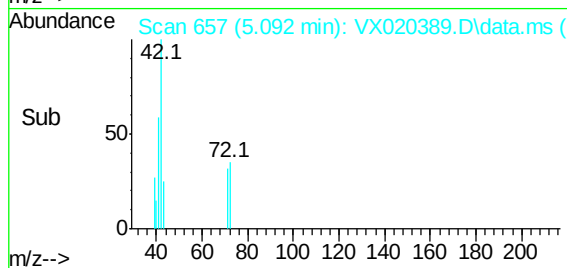
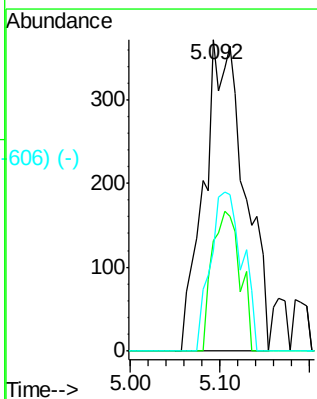
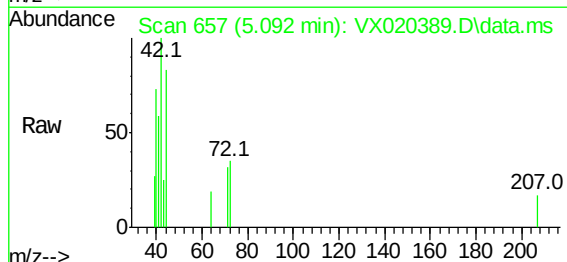
Instrument :
MSVOA_X
ClientSampleId :
FB-20201214

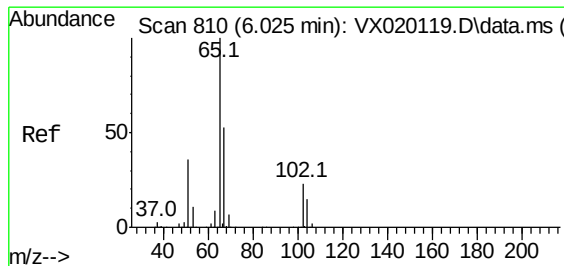
Tgt Ion: 43 Resp: 18881
Ion Ratio Lower Upper
43 100
58 34.8 27.8 41.8



Tetrahydrofuran
Concen: 0.86 ug/l
RT: 5.092 min Scan# 657
Delta R.T. 0.012 min
Lab File: VX020389.D
Acq: 24 Dec 2020 15:46

Tgt Ion: 42 Resp: 1172
Ion Ratio Lower Upper
42 100
72 31.1 41.7 62.5#
71 40.1 38.4 57.6

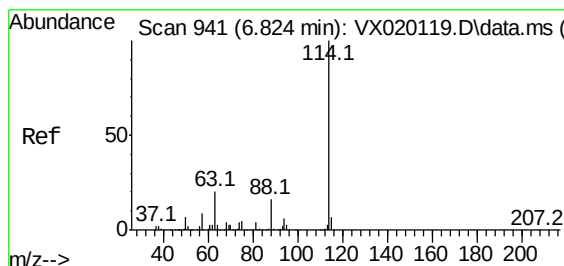
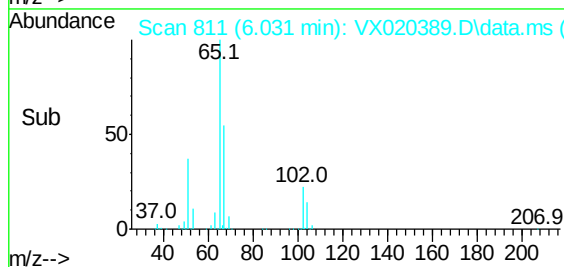
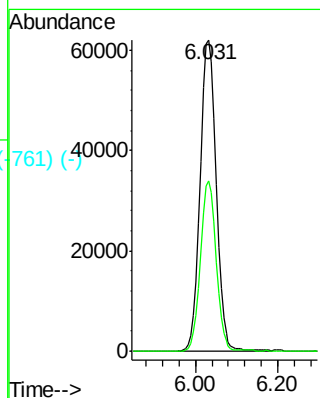
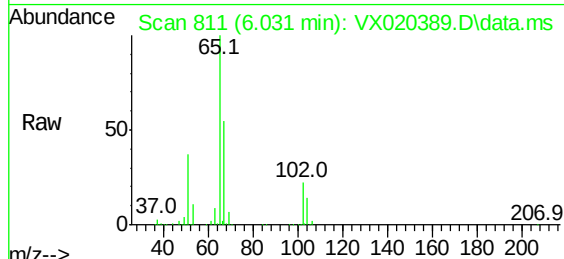




1,2-Dichloroethane-d4
 Concen: 50.62 ug/l
 RT: 6.031 min Scan# 811
 Delta R.T. 0.006 min
 Lab File: VX020389.D
 Acq: 24 Dec 2020 15:46

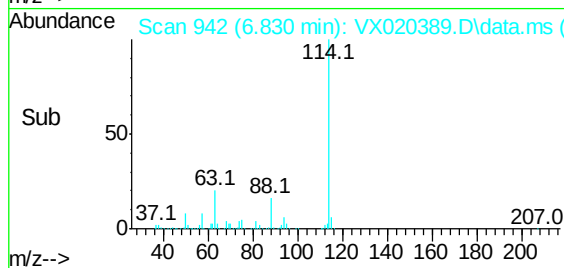
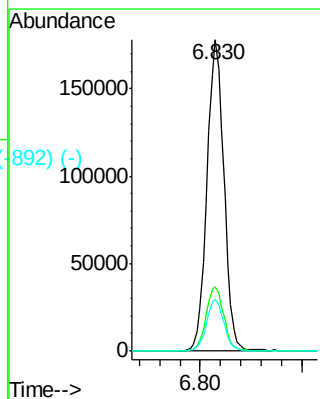
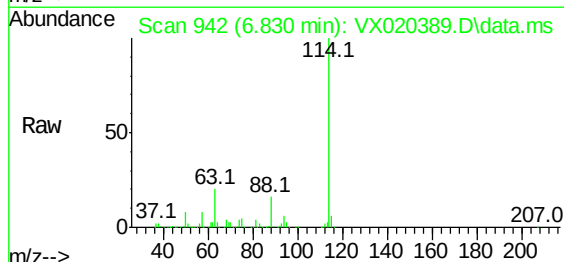
Instrument :
 MSVOA_X
 ClientSampleId :
 FB-20201214

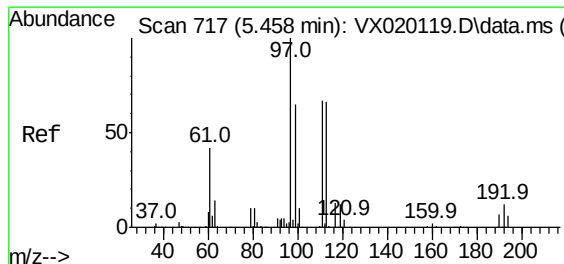
Tgt Ion: 65 Resp: 165188
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 105.4



1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.830 min Scan# 942
 Delta R.T. 0.006 min
 Lab File: VX020389.D
 Acq: 24 Dec 2020 15:46

Tgt Ion: 114 Resp: 407011
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 40.8
 88 16.2 0.0 32.8

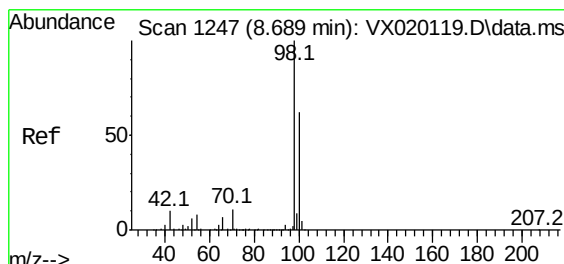
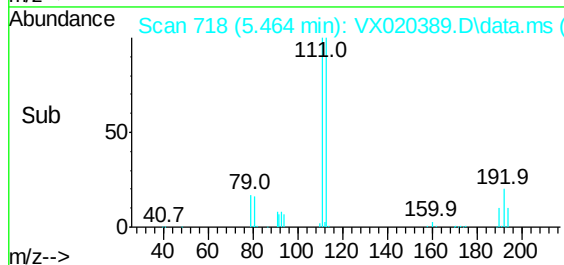
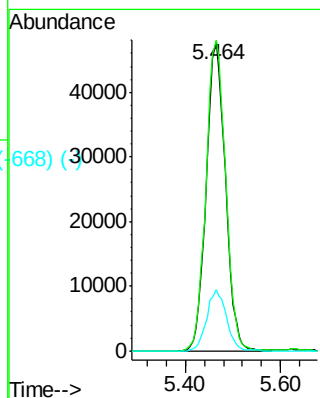
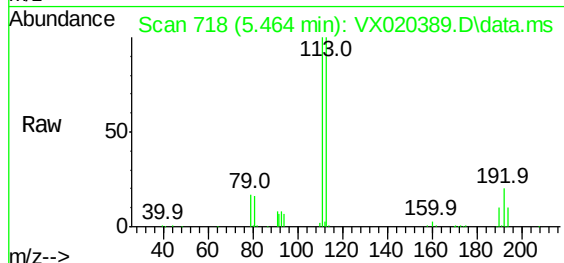




#35 (-)
Dibromofluoromethane
Concen: 50.99 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX020389.D
Acq: 24 Dec 2020 15:46

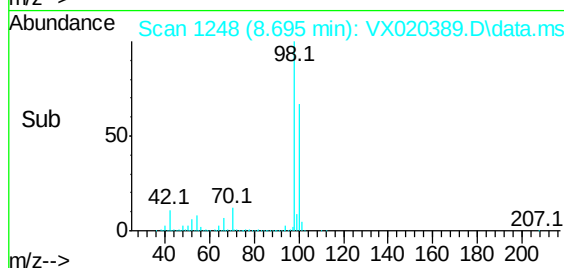
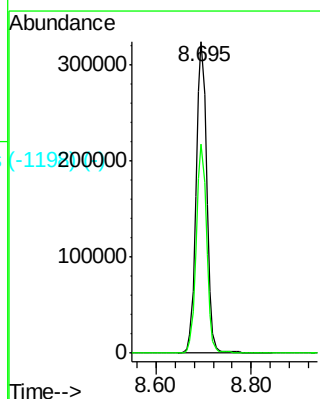
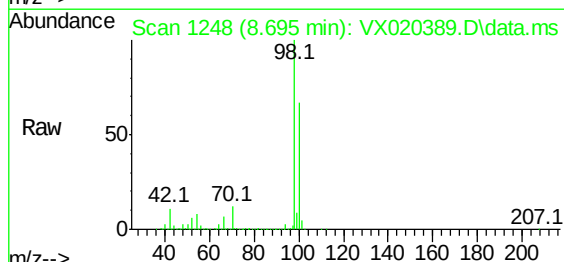
Instrument :
MSVOA_X
ClientSampleId :
FB-20201214

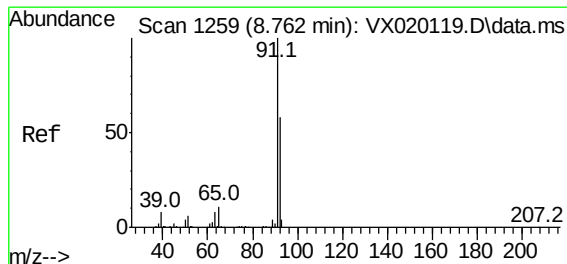
Tgt Ion:	113	Resp:	132765
Ion Ratio	Lower	Upper	
113	100		
111	103.2	81.9	122.9
192	20.1	16.7	25.1



#59 (-)
To Luene-d8
Concen: 49.74 ug/l
RT: 8.695 min Scan# 1248
Delta R.T. 0.006 min
Lab File: VX020389.D
Acq: 24 Dec 2020 15:46

Tgt Ion:	98	Resp:	498454
Ion Ratio	Lower	Upper	
98	100		
100	66.0	51.9	77.9

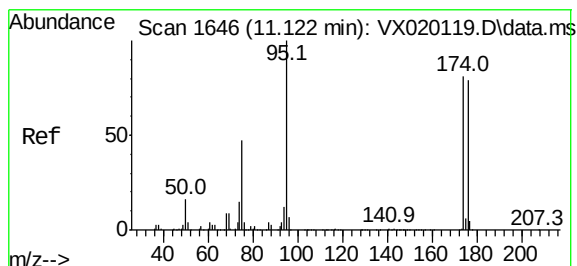
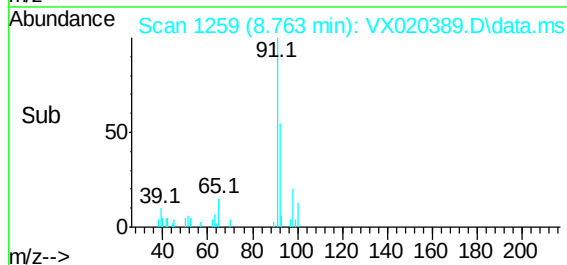
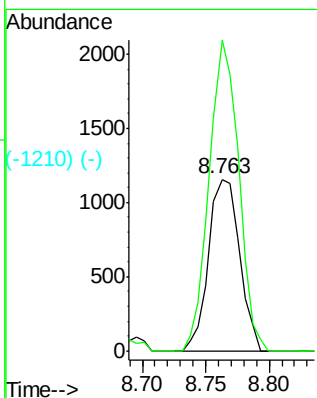
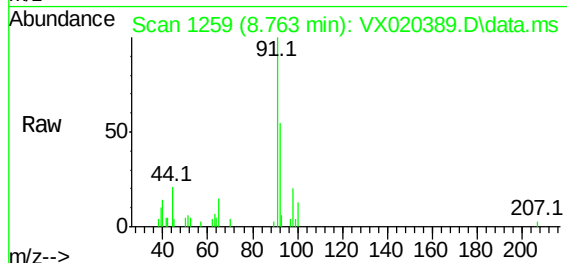




#521 (-)
Toluene
Concen: 0.25 ug/l
RT: 8.763 min Scan# 1259
Delta R.T. 0.001 min
Lab File: VX020389.D
Acq: 24 Dec 2020 15:46

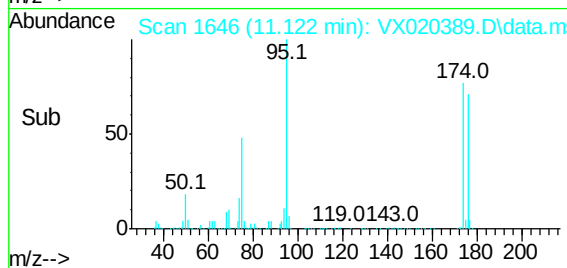
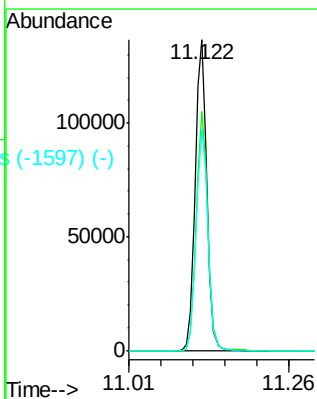
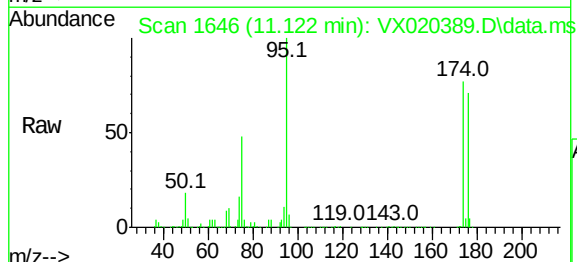
Instrument :
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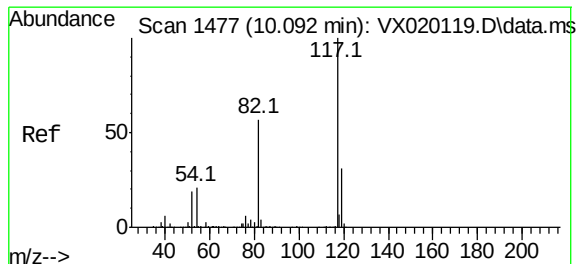
Tgt Ion: 92 Resp: 1919
Ion Ratio Lower Upper
92 100
91 172.9 137.1 205.7



#523 (-)
4-Bromofluorobenzene
Concen: 44.55 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.000 min
Lab File: VX020389.D
Acq: 24 Dec 2020 15:46

Tgt Ion: 95 Resp: 170892
Ion Ratio Lower Upper
95 100
174 77.4 0.0 154.6
176 72.7 0.0 155.8

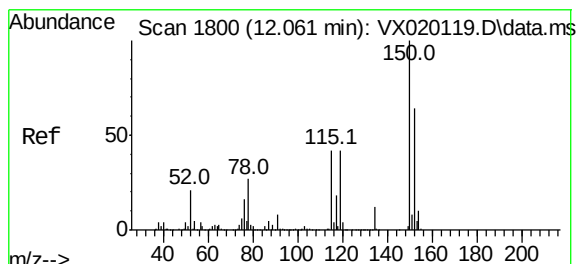
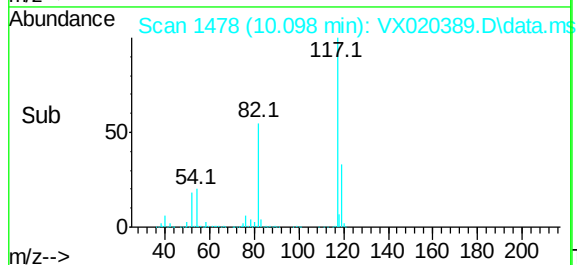
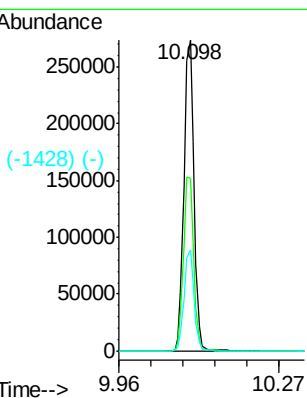
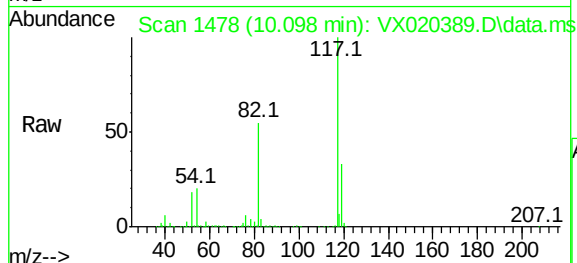




#6270 (-)
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.098 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VX020389.D
Acq: 24 Dec 2020 15:46

Instrument :
MSVOA_X
ClientSampleId :
FB-20201214

Tgt Ion:	117	Resp:	378322
Ion Ratio	Lower	Upper	
117	100		
82	55.4	47.4	71.2
119	32.6	26.6	39.8



#1724 (-)
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020389.D
Acq: 24 Dec 2020 15:46

Tgt Ion:	152	Resp:	159103
Ion Ratio	Lower	Upper	
152	100		
115	60.4	41.1	123.3
150	156.2	0.0	349.0

