Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122220\
Data File : VX020321.D
Acq On : 22 Dec 2020 22:53
Operator : JC/MD
Sample : L5124-07
Misc : 5.0mL/MSVOA_X/wATER
ALS Vial : 35 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FB-20201214

Quant Time: Dec 23 05:04:03 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	282458	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.830	114	469062	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.098	117	429179	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	181934	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	181502	47.94	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 95.88%			
35) Dibromofluoromethane	5.464	113	147046	49.01	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 98.02%			
50) Toluene-d8	8.696	98	566973	49.09	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 98.18%			
62) 4-Bromofluorobenzene	11.122	95	199285	45.08	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 90.16%			
Target Compounds						Qvalue
3) Chloromethane	1.313	50	1593	0.45	ug/l	95
11) Tert butyl alcohol	3.008	59	5644	6.66	ug/l #	93
16) Acetone	2.416	43	18449	10.69	ug/l	97
29) Tetrahydrofuran	5.093	42	1351	0.85	ug/l	91
52) Toluene	8.763	92	2490	0.28	ug/l	97

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

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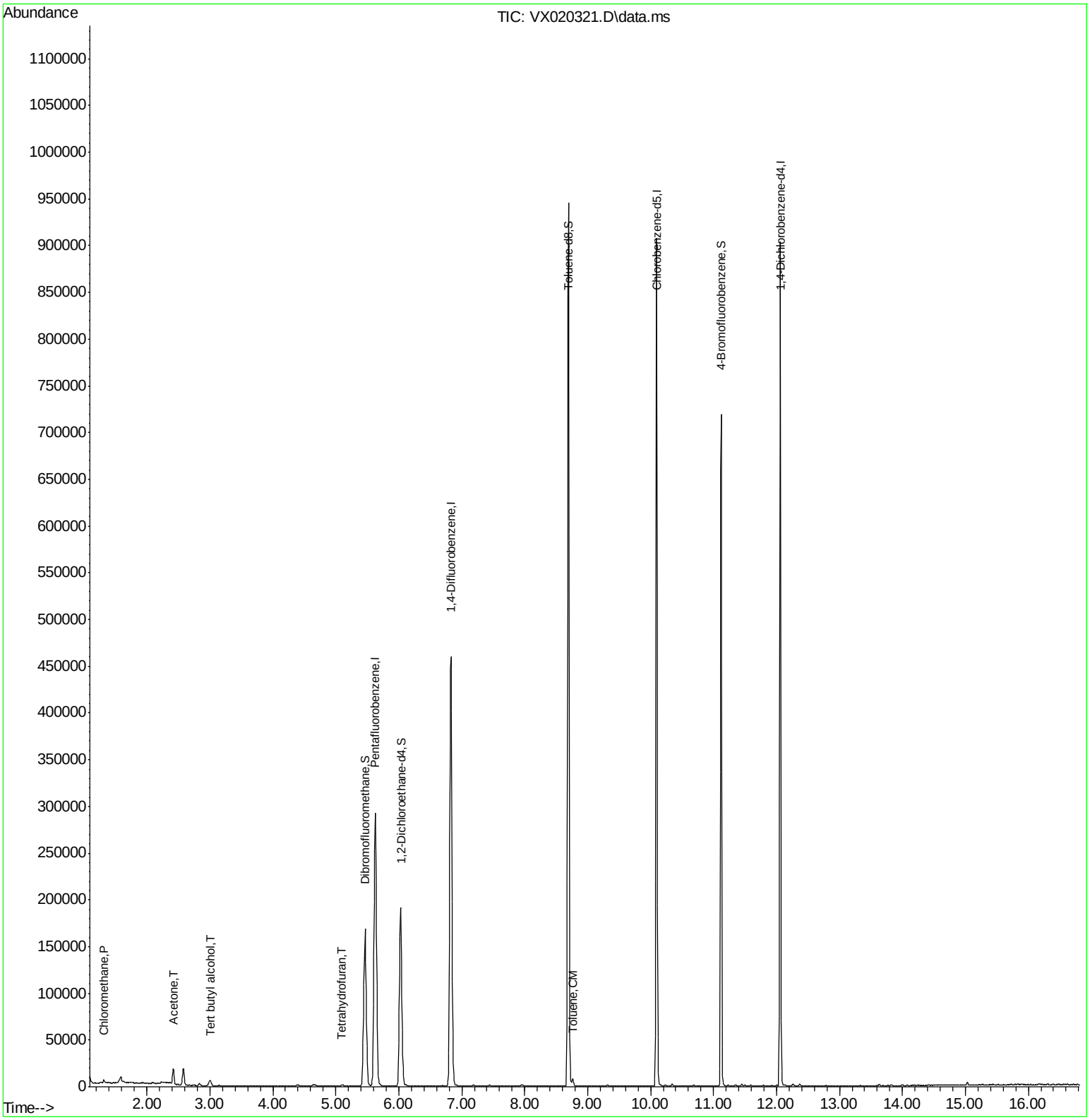
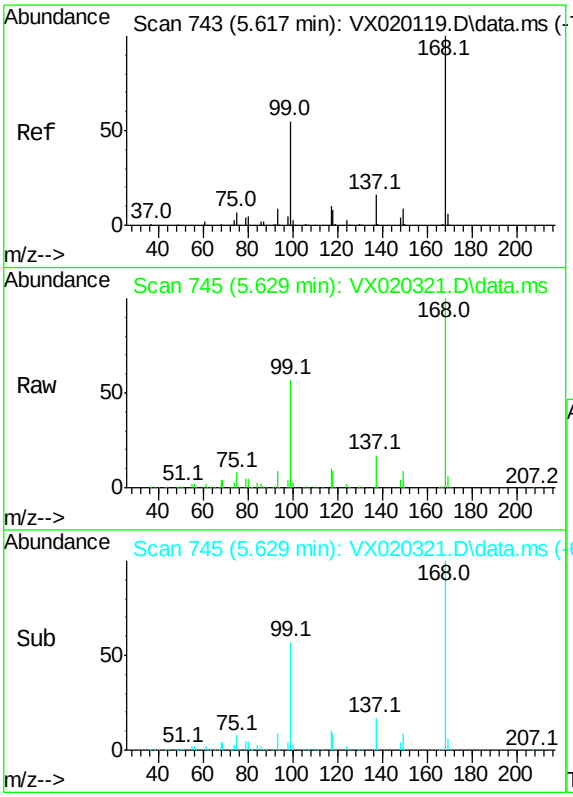


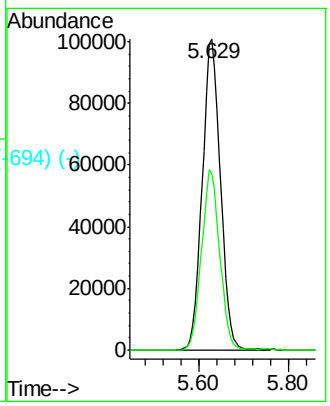
Instrument :
MSVOA_X
ClientSampleId :
FB-20201214

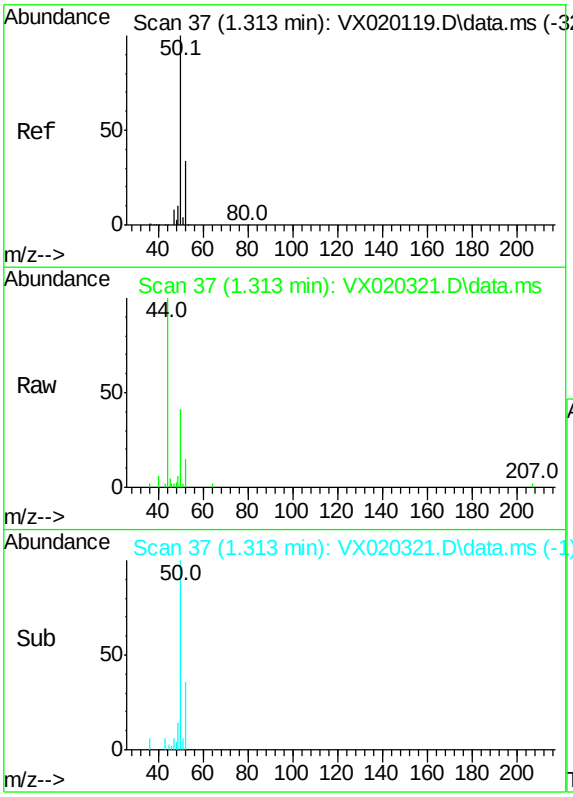


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.012 min
Lab File: VX020321.D
Acq: 22 Dec 2020 22:53

Tgt Ion:168 Resp: 282458

Ion	Ratio	Lower	Upper
168	100		
99	56.9	45.8	68.6

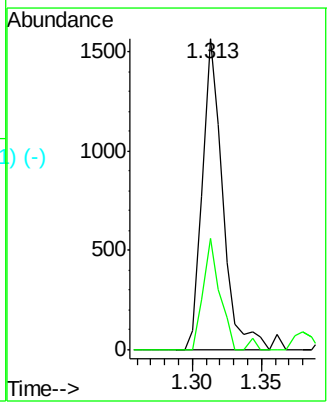


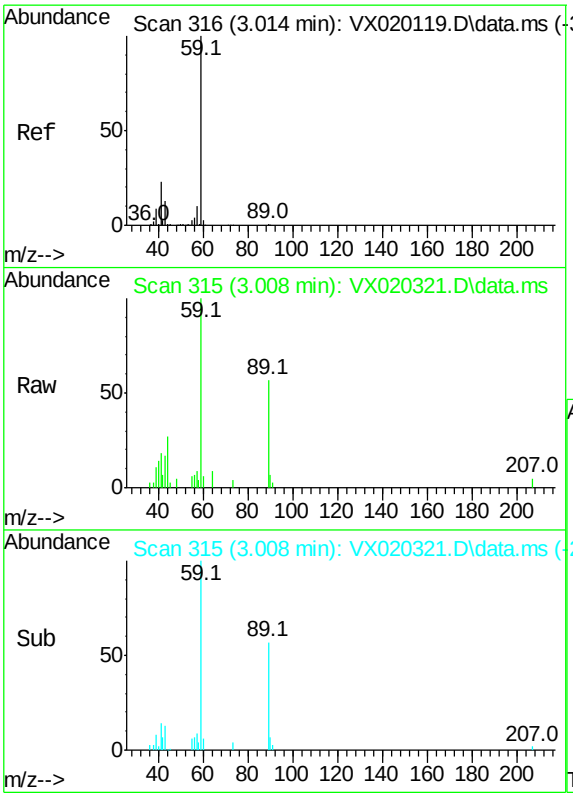


#2
Chloromethane
Concen: 0.45 ug/l
RT: 1.313 min Scan# 37
Delta R.T. -0.000 min
Lab File: VX020321.D
Acq: 22 Dec 2020 22:53

Tgt Ion: 50 Resp: 1593

Ion	Ratio	Lower	Upper
50	100		
52	35.8	26.4	39.6

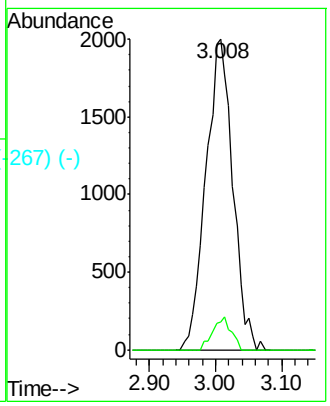




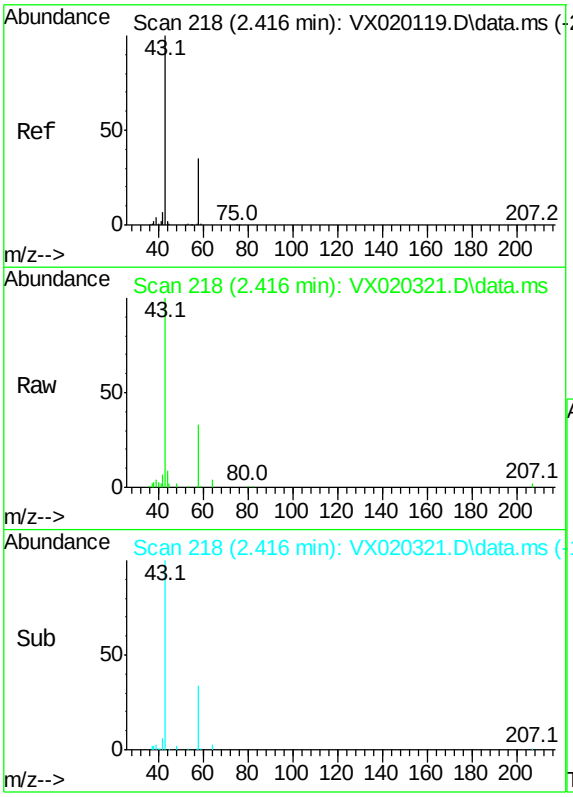
#11
Tert butyl alcohol
Concen: 6.66 ug/l
RT: 3.008 min Scan# 315
Delta R.T. -0.006 min
Lab File: VX020321.D
Acq: 22 Dec 2020 22:53

Tgt Ion: 59 Resp: 5644

Ion	Ratio	Lower	Upper
59	100		
57	7.1	7.8	11.8#



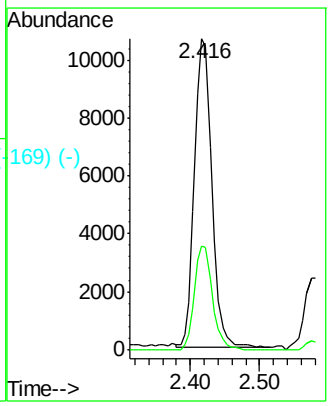
Instrument :
MSVOA_X
ClientSampleId :
FB-20201214



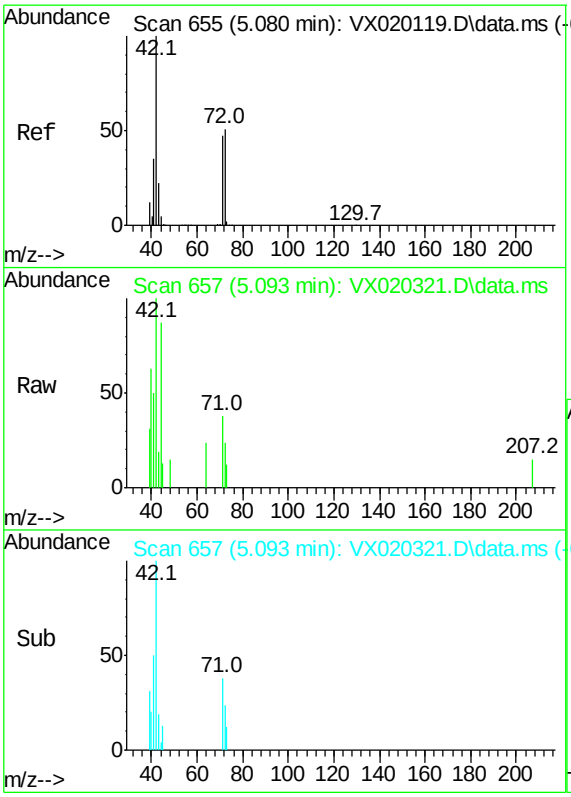
#16
Acetone
Concen: 10.69 ug/l
RT: 2.416 min Scan# 218
Delta R.T. 0.000 min
Lab File: VX020321.D
Acq: 22 Dec 2020 22:53

Tgt Ion: 43 Resp: 18449

Ion	Ratio	Lower	Upper
43	100		
58	33.3	27.8	41.8



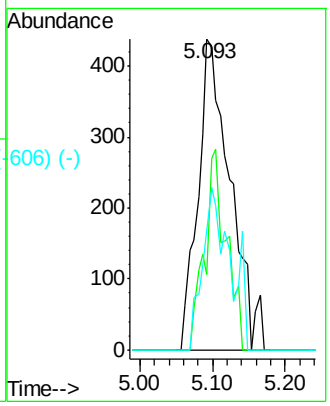
Instrument :
MSVOA_X
ClientSampleId :
FB-20201214

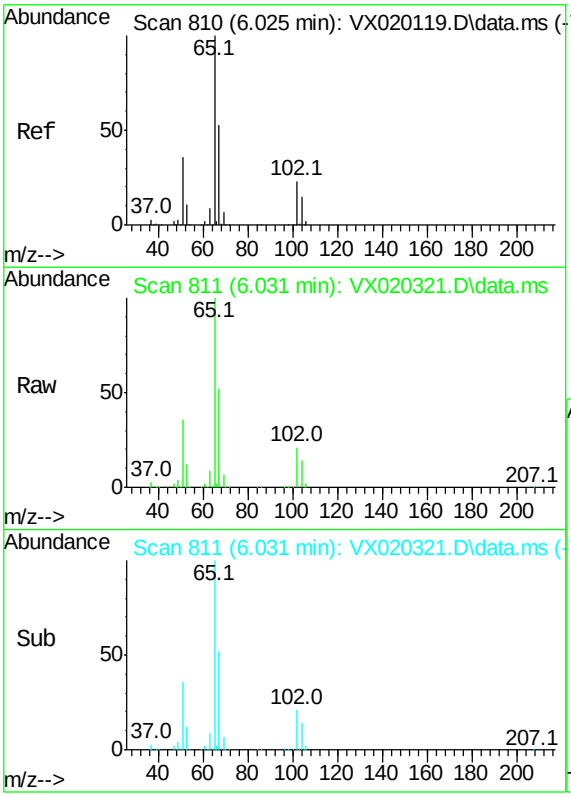


#29
Tetrahydrofuran
Concen: 0.85 ug/l
RT: 5.093 min Scan# 657
Delta R.T. 0.013 min
Lab File: VX020321.D
Acq: 22 Dec 2020 22:53

Tgt Ion: 42 Resp: 1351

Ion	Ratio	Lower	Upper
42	100		
72	43.2	41.7	62.5
71	44.4	38.4	57.6

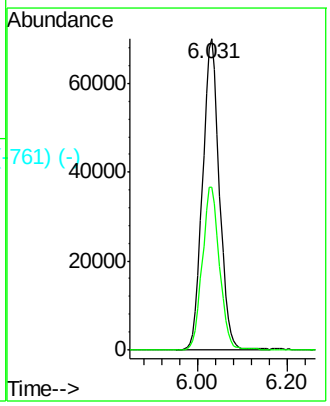


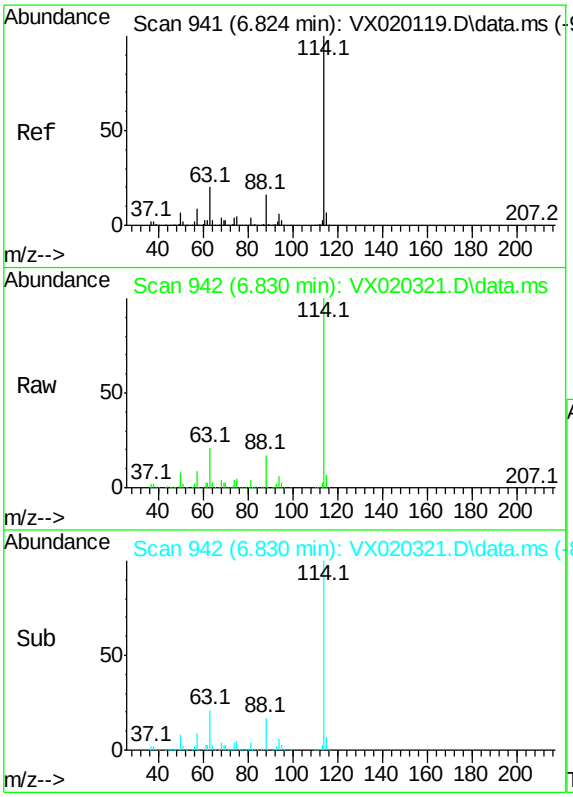


#33
1,2-Dichloroethane-d4
Concen: 47.94 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.006 min
Lab File: VX020321.D
Acq: 22 Dec 2020 22:53

Tgt Ion: 65 Resp: 181502

Ion	Ratio	Lower	Upper
65	100		
67	53.2	0.0	105.4

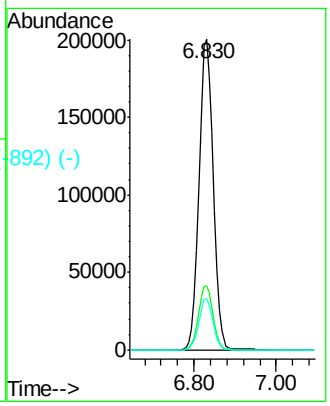




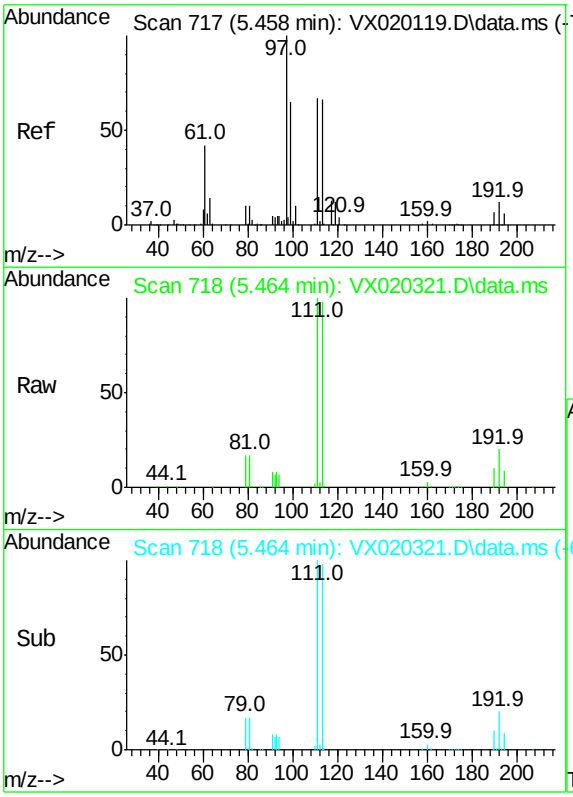
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.830 min Scan# 942
Delta R.T. 0.006 min
Lab File: VX020321.D
Acq: 22 Dec 2020 22:53

Tgt Ion:114 Resp: 469062

Ion	Ratio	Lower	Upper
114	100		
63	20.6	0.0	40.8
88	16.6	0.0	32.8



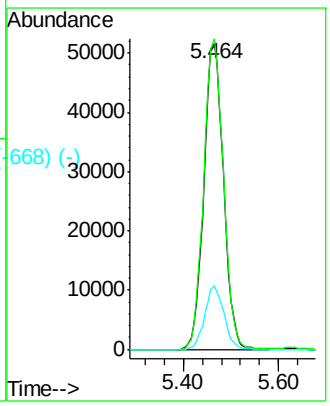
Instrument :
MSVOA_X
ClientSampleId :
FB-20201214



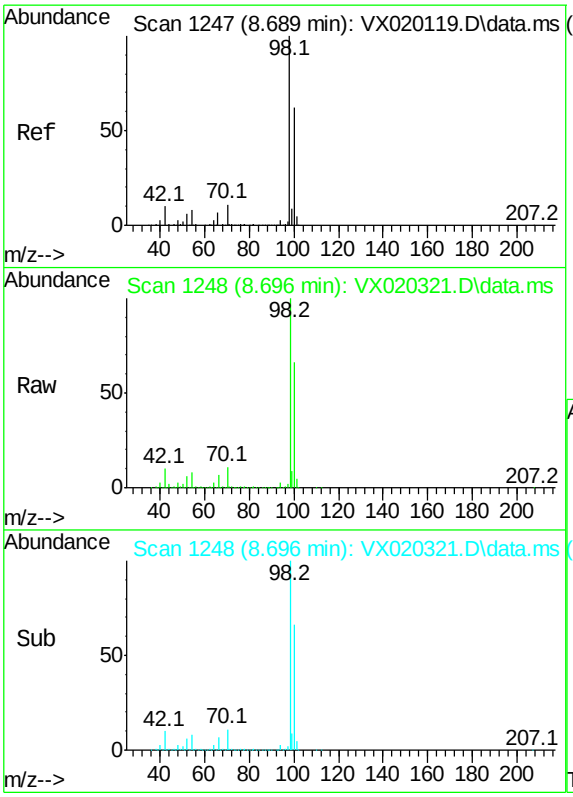
#35
Dibromofluoromethane
Concen: 49.01 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX020321.D
Acq: 22 Dec 2020 22:53

Tgt Ion:113 Resp: 147046

Ion	Ratio	Lower	Upper
113	100		
111	102.2	81.9	122.9
192	20.1	16.7	25.1



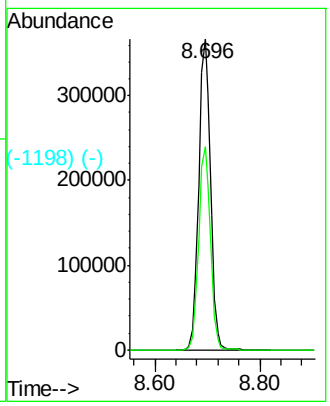
Instrument :
MSVOA_X
ClientSampleId :
FB-20201214

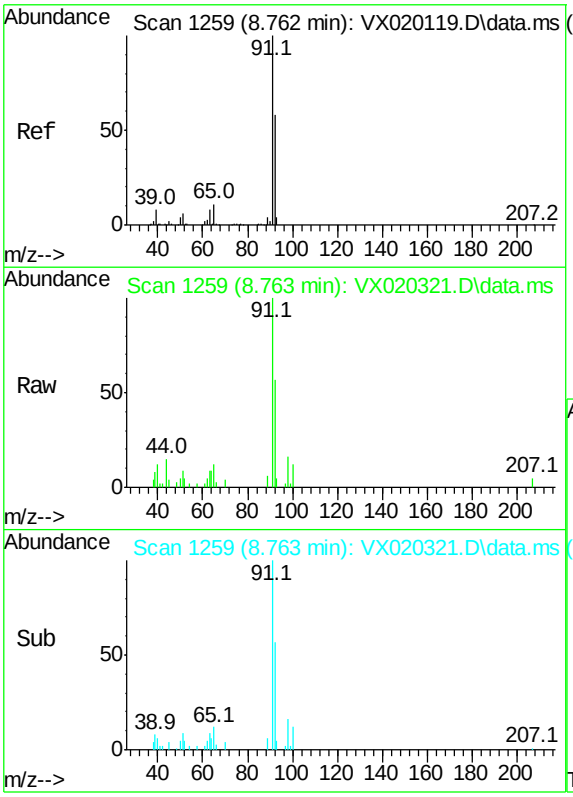


#50
Toluene-d8
Concen: 49.09 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. 0.007 min
Lab File: VX020321.D
Acq: 22 Dec 2020 22:53

Tgt Ion: 98 Resp: 566973

Ion	Ratio	Lower	Upper
98	100		
100	65.5	51.9	77.9

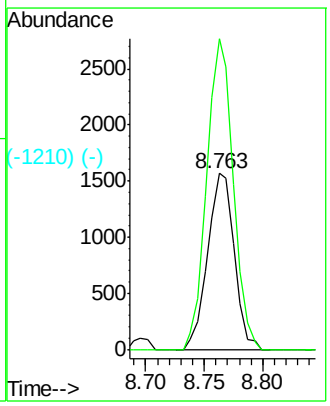




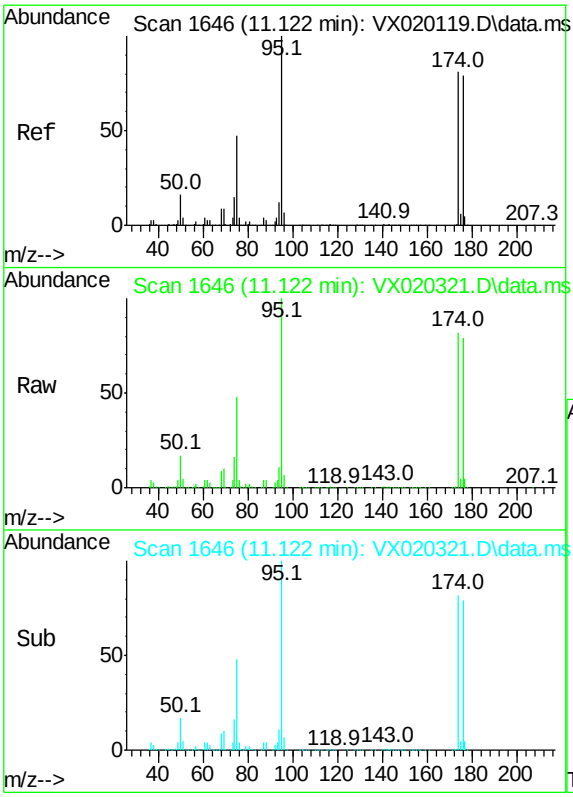
#52
Toluene
Concen: 0.28 ug/l
RT: 8.763 min Scan# 1259
Delta R.T. 0.001 min
Lab File: VX020321.D
Acq: 22 Dec 2020 22:53

Tgt Ion: 92 Resp: 2490

Ion	Ratio	Lower	Upper
92	100		
91	175.5	137.1	205.7



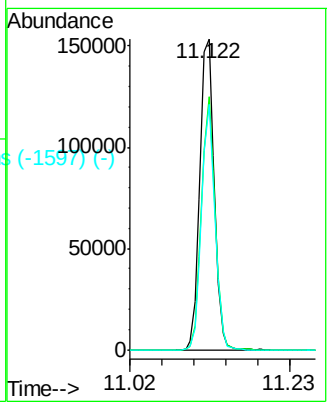
Instrument :
MSVOA_X
ClientSampleId :
FB-20201214

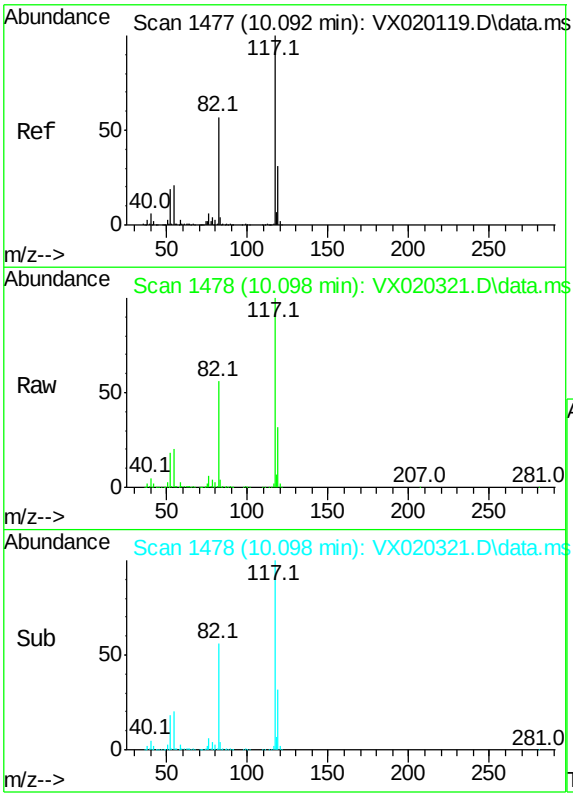


#62
4-Bromofluorobenzene
Concen: 45.08 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.000 min
Lab File: VX020321.D
Acq: 22 Dec 2020 22:53

Tgt Ion: 95 Resp: 199285

Ion	Ratio	Lower	Upper
95	100		
174	77.3	0.0	154.6
176	74.7	0.0	155.8

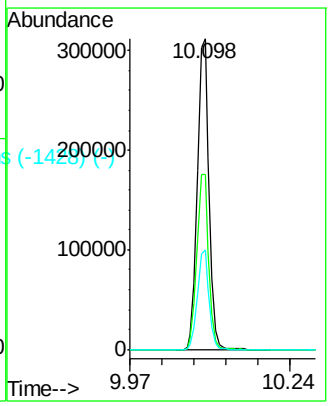


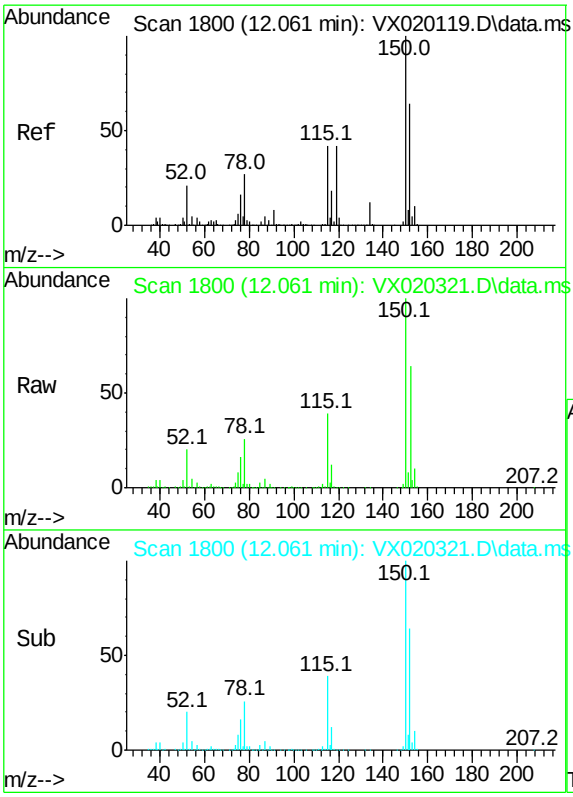


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.098 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VX020321.D
Acq: 22 Dec 2020 22:53

Tgt Ion:117 Resp: 429179

Ion	Ratio	Lower	Upper
117	100		
82	56.5	47.4	71.2
119	32.1	26.6	39.8

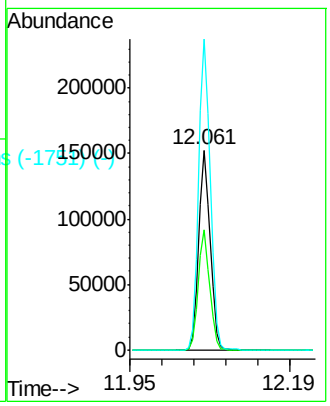




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020321.D
Acq: 22 Dec 2020 22:53

Tgt Ion:152 Resp: 181934

Ion	Ratio	Lower	Upper
152	100		
115	60.1	41.1	123.3
150	158.5	0.0	349.0



Instrument :
MSVOA_X
ClientSampleId :
FB-20201214