Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121020\
Data File : VX019819.D
Acq On : 10 Dec 2020 12:47
Operator : JC/MD
Sample : L4996-25
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
FB01-20201208

Quant Time: Dec 11 01:25:40 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X120420W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 04 15:32:53 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	319822	50.00 ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	533555	50.00 ug/l	0.00
63) Chlorobenzene-d5	10.09	117	483494	50.00 ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	209742	50.00 ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	202355	48.14 ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 96.28%		
35) Dibromofluoromethane	5.46	113	162627	47.16 ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 94.32%		
50) Toluene-d8	8.70	98	641647	48.74 ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 97.48%		
62) 4-Bromofluorobenzene	11.12	95	222296	44.36 ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 88.72%		

Target Compounds	R.T.	QIon	Response	Conc Units	Qvalue
16) Acetone	2.42	43	8161	5.165 ug/l	100
25) 2-Butanone	4.65	43	1610	0.663 ug/l	96
29) Tetrahydrofuran	5.10	42	1223	0.782 ug/l #	82
52) Toluene	8.76	92	24007	2.606 ug/l	98

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

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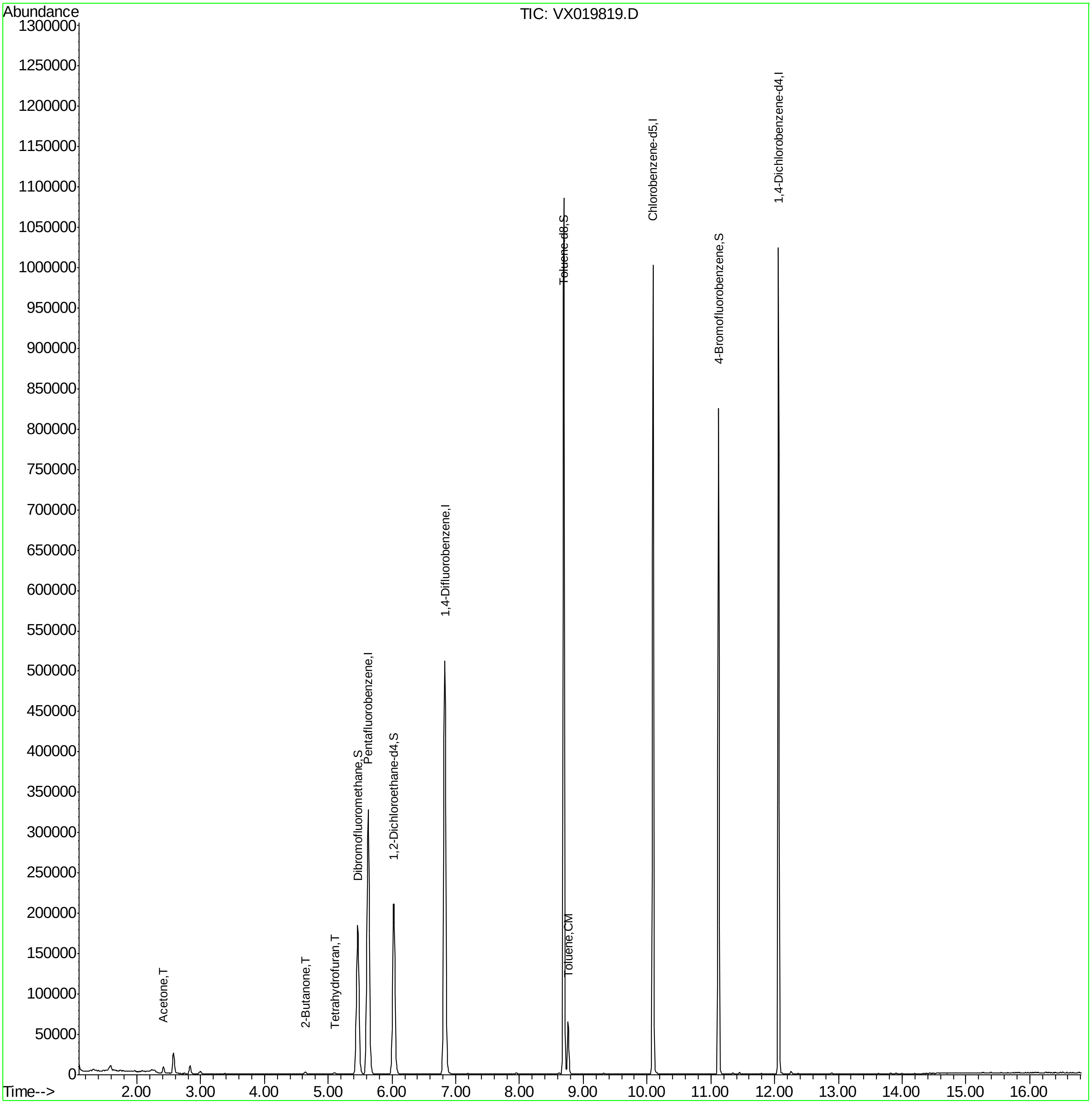
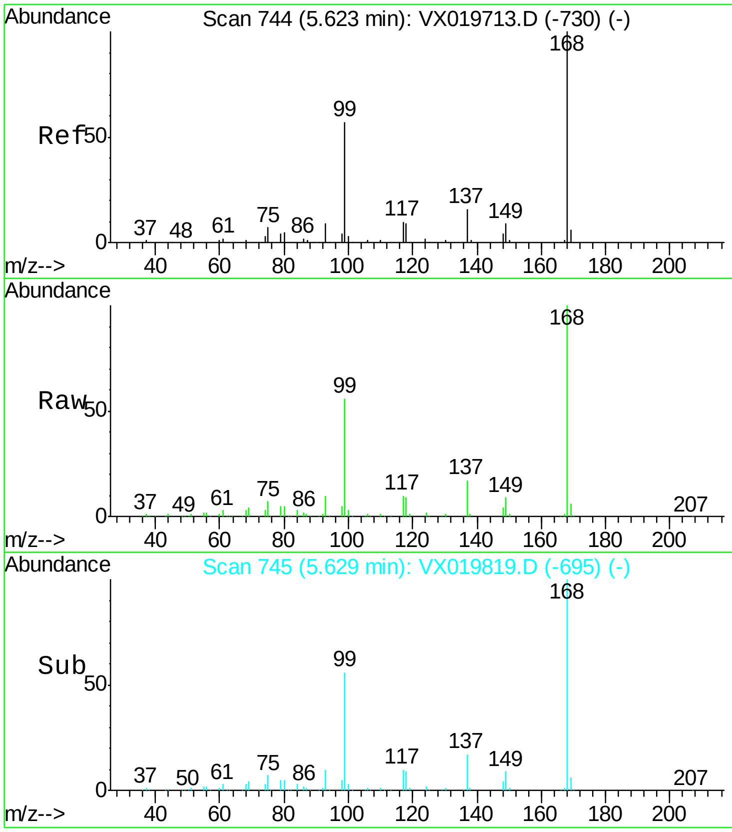


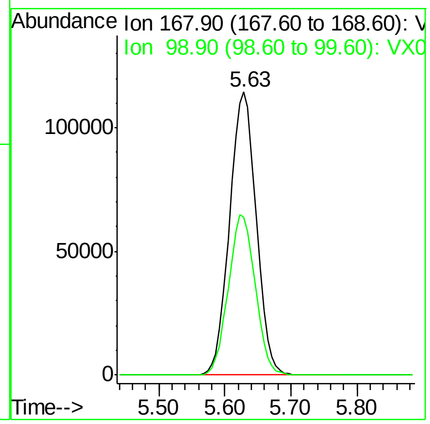


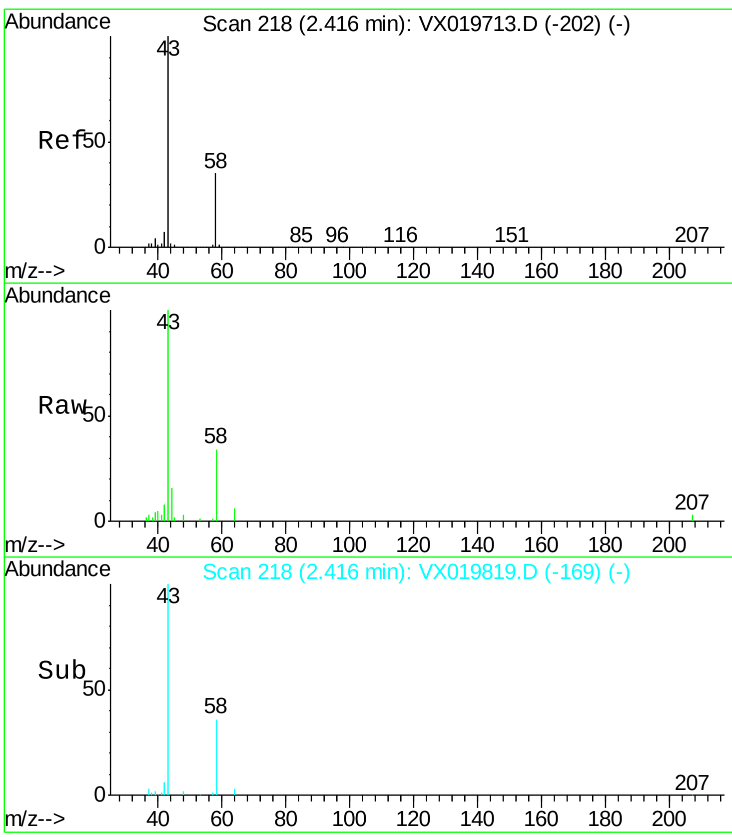
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.63 min Scan# 745
Delta R.T. 0.01 min
Lab File: VX019819.D
Acq: 10 Dec 2020 12:47

Instrument : MSVOA_X
ClientSampleId : FB01-20201208

Tgt Ion:168 Resp: 319822

Ion	Ratio	Lower	Upper
168	100		
99	55.7	45.8	68.6

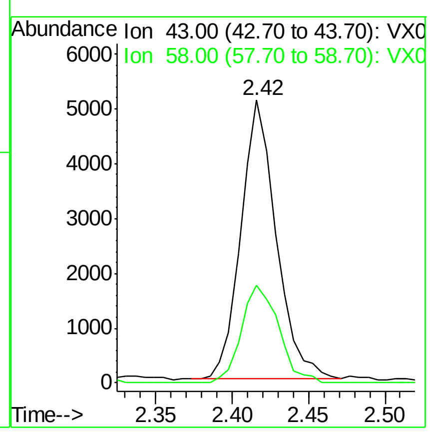


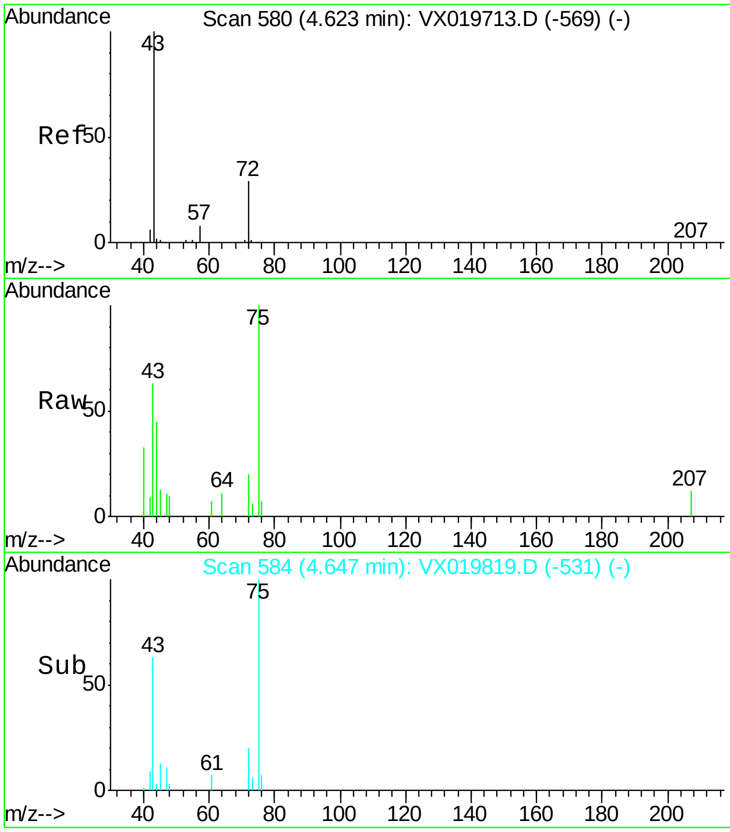


#16
Acetone
Concen: 5.165 ug/l
RT: 2.42 min Scan# 218
Delta R.T. -0.00 min
Lab File: VX019819.D
Acq: 10 Dec 2020 12:47

Tgt Ion: 43 Resp: 8161

Ion	Ratio	Lower	Upper
43	100		
58	35.0	27.8	41.8



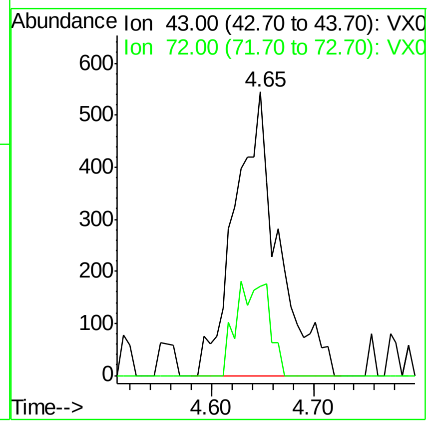


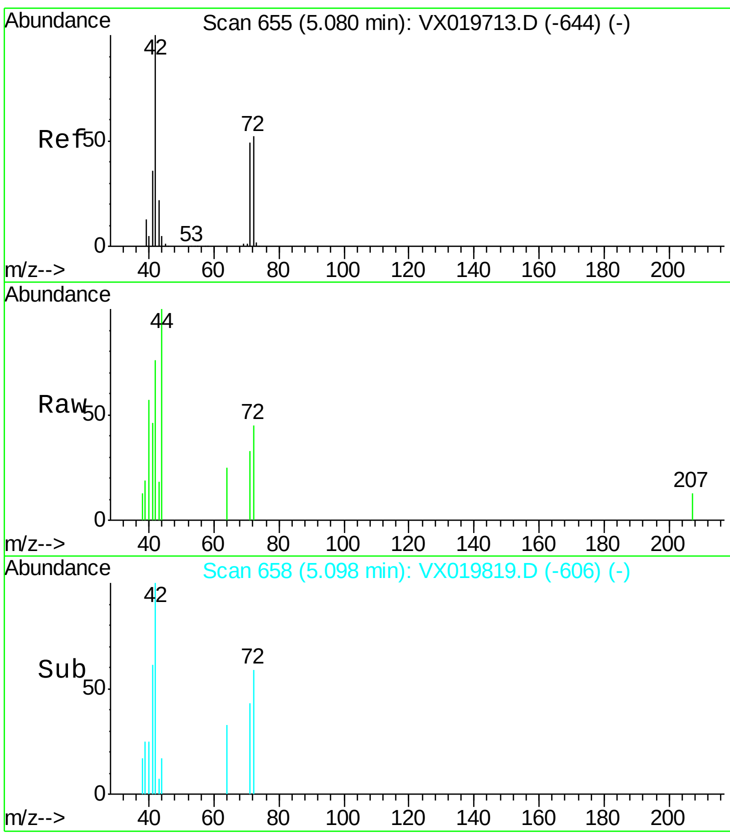
#25
2-Butanone
Concen: 0.663 ug/l
RT: 4.65 min Scan# 584
Delta R.T. 0.02 min
Lab File: VX019819.D
Acq: 10 Dec 2020 12:47

Instrument :
MSVOA_X
ClientSampleId :
FB01-20201208

Tgt Ion: 43 Resp: 1610

Ion	Ratio	Lower	Upper
43	100		
72	31.6	23.7	35.5

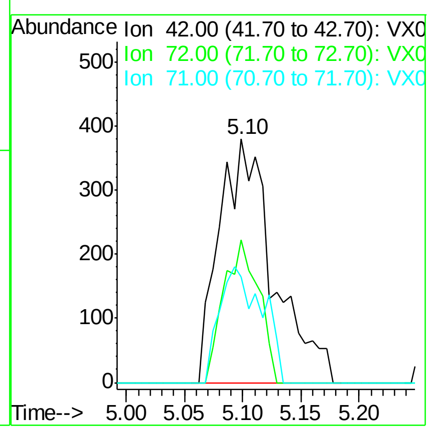


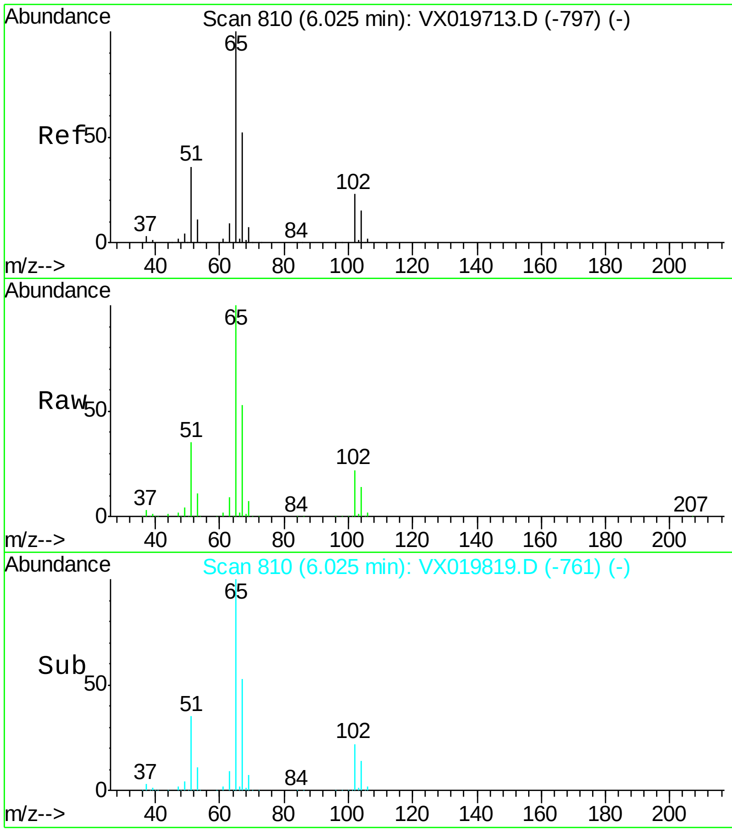


#29
Tetrahydrofuran
Concen: 0.782 ug/l
RT: 5.10 min Scan# 658
Delta R.T. 0.02 min
Lab File: VX019819.D
Acq: 10 Dec 2020 12:47

Tgt Ion: 42 Resp: 1223

Ion	Ratio	Lower	Upper
42	100		
72	37.7	41.7	62.5#
71	37.3	38.4	57.6#



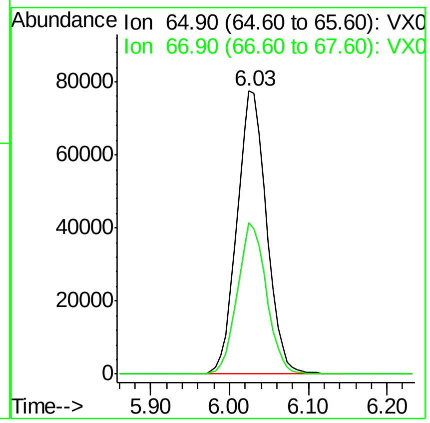


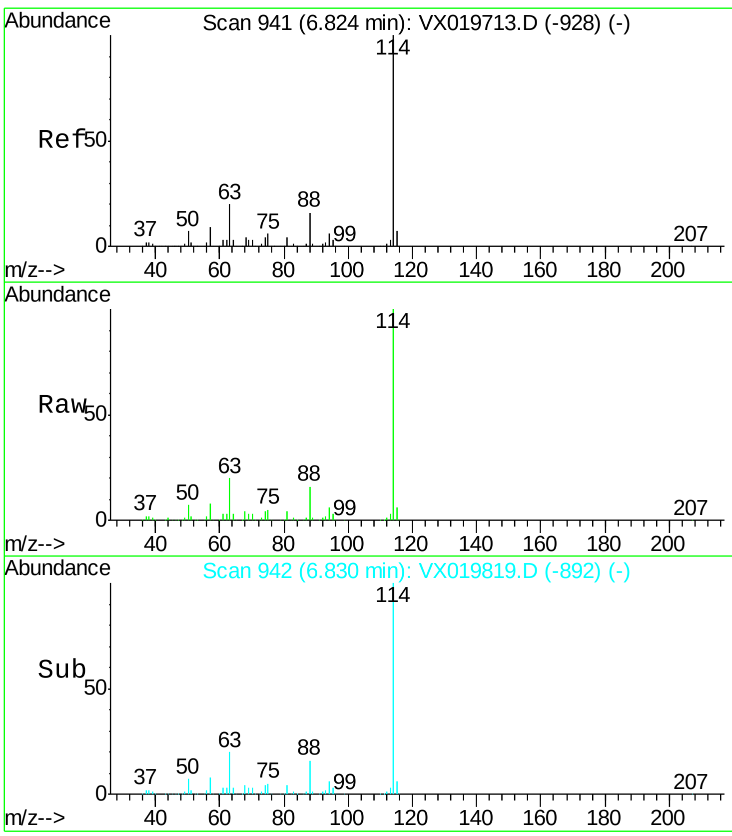
#33
1,2-Dichloroethane-d4
Concen: 48.141 ug/l
RT: 6.03 min Scan# 810
Delta R.T. -0.00 min
Lab File: VX019819.D
Acq: 10 Dec 2020 12:47

Instrument : MSVOA_X
ClientSampleId : FB01-20201208

Tgt Ion: 65 Resp: 202355

Ion	Ratio	Lower	Upper
65	100		
67	52.7	0.0	105.4

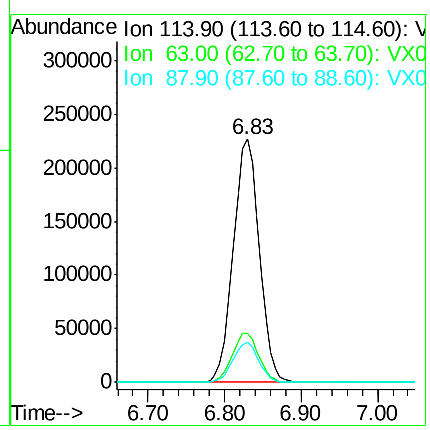




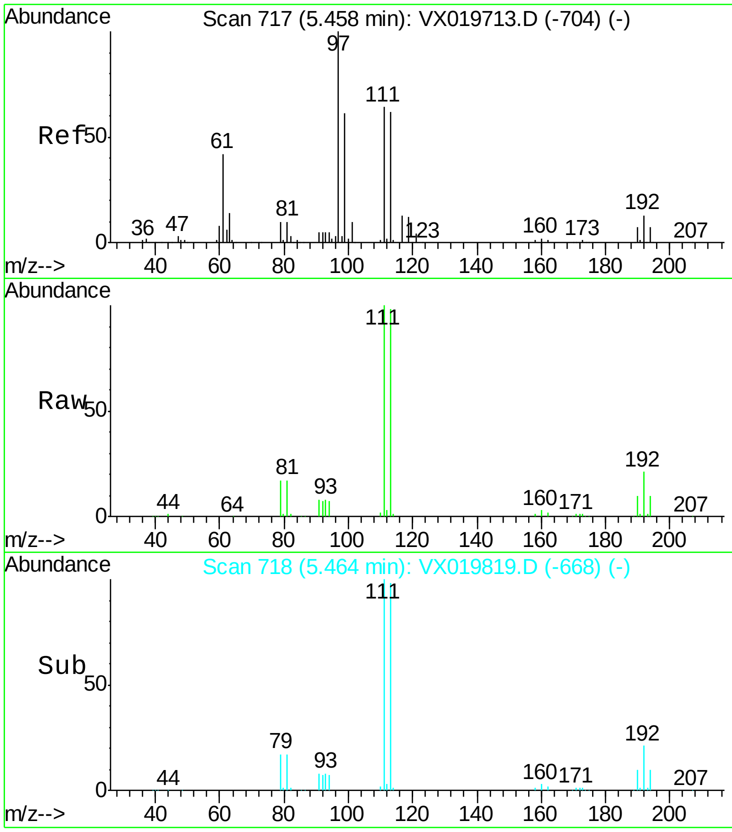
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.83 min Scan# 942
Delta R.T. 0.01 min
Lab File: VX019819.D
Acq: 10 Dec 2020 12:47

Tgt Ion:114 Resp: 533555

Ion	Ratio	Lower	Upper
114	100		
63	20.4	0.0	40.8
88	16.3	0.0	32.8



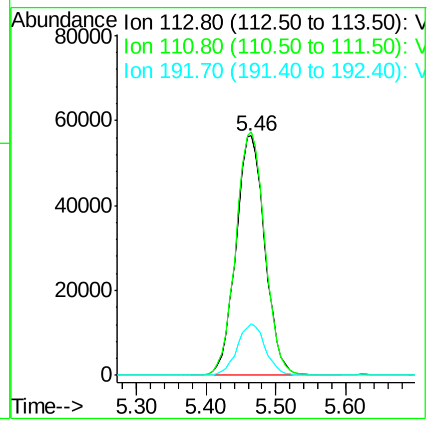
Instrument :
MSVOA_X
ClientSampleId :
FB01-20201208

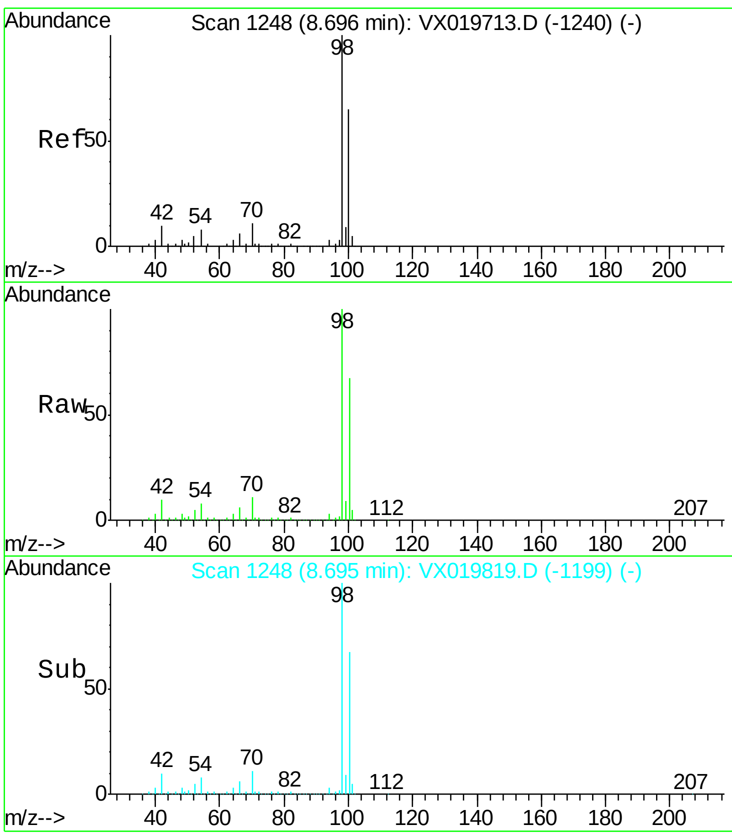


#35
Dibromofluoromethane
Concen: 47.162 ug/l
RT: 5.46 min   Scan# 718
Delta R.T.   0.01 min
Lab File: VX019819.D
Acq: 10 Dec 2020   12:47

Tgt Ion:113 Resp: 162627

Ion	Ratio	Lower	Upper
113	100		
111	102.0	81.9	122.9
192	20.8	16.7	25.1

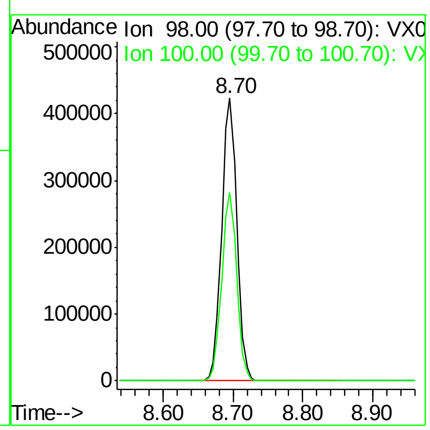


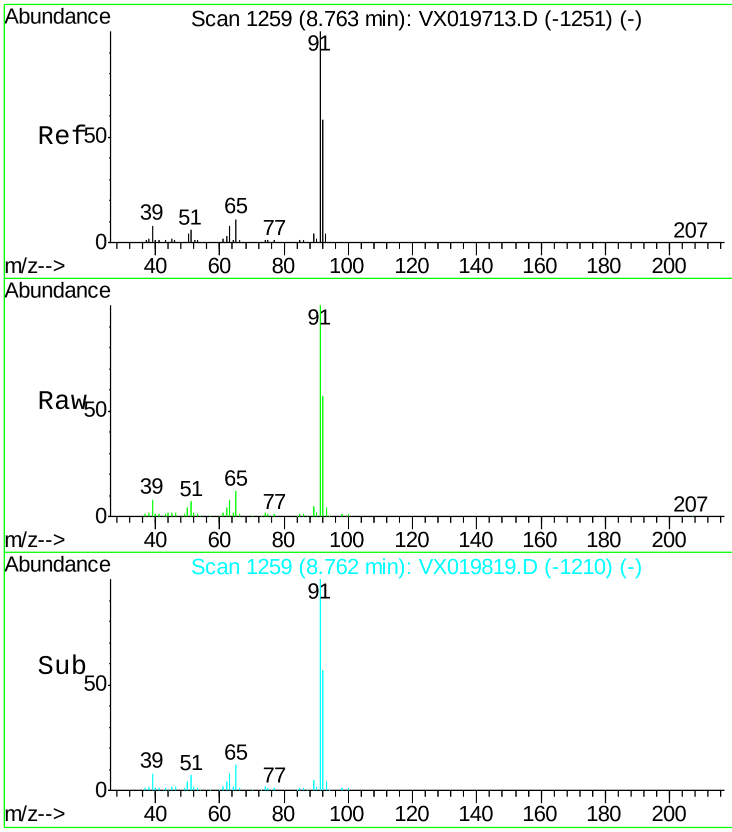


#50
Toluene-d8
Concen: 48.740 ug/l
RT: 8.70 min   Scan# 1248
Delta R.T.   -0.00 min
Lab File: VX019819.D
Acq: 10 Dec 2020   12:47

Tgt Ion: 98 Resp: 641647

Ion	Ratio	Lower	Upper
98	100		
100	65.9	51.9	77.9



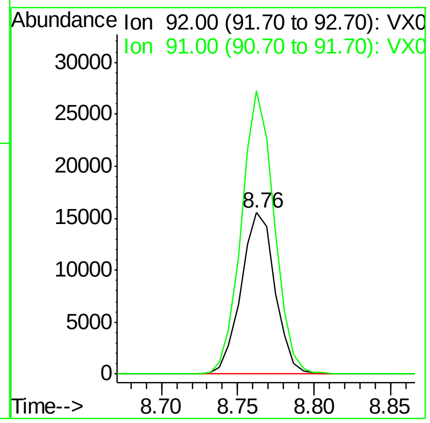


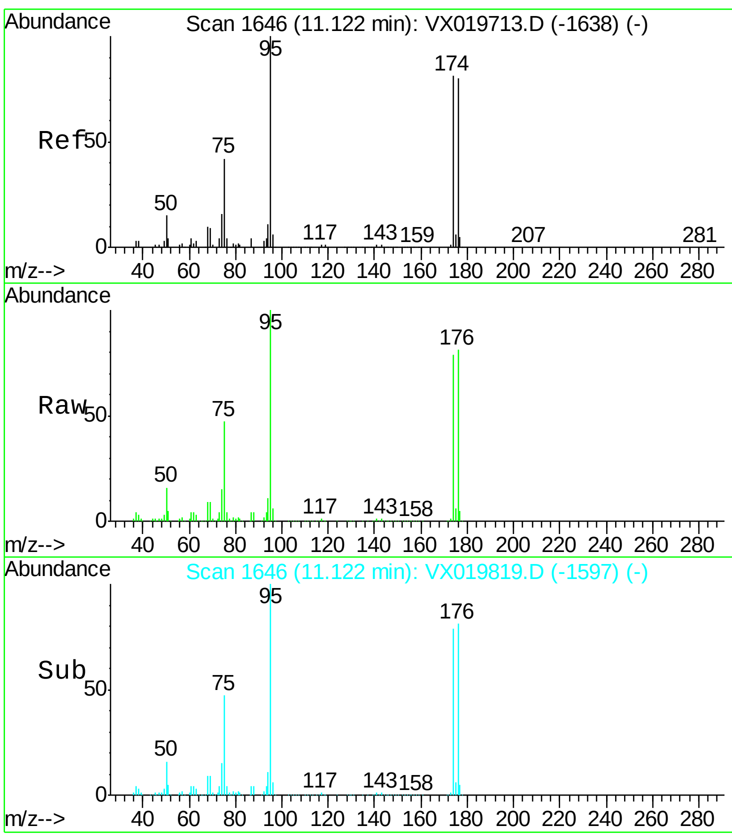
#52
Toluene
Concen: 2.606 ug/l
RT: 8.76 min Scan# 1259
Delta R.T. -0.00 min
Lab File: VX019819.D
Acq: 10 Dec 2020 12:47

Instrument :
MSVOA_X
ClientSampleId :
FB01-20201208

Tgt Ion: 92 Resp: 24007

Ion	Ratio	Lower	Upper
92	100		
91	168.4	137.1	205.7

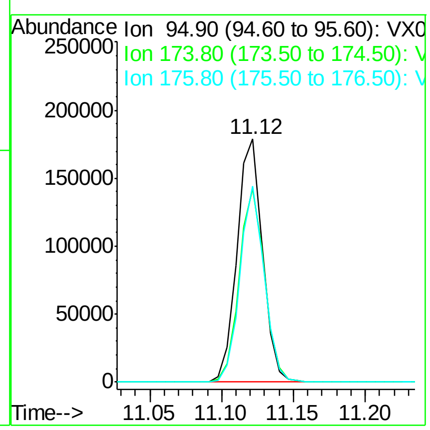


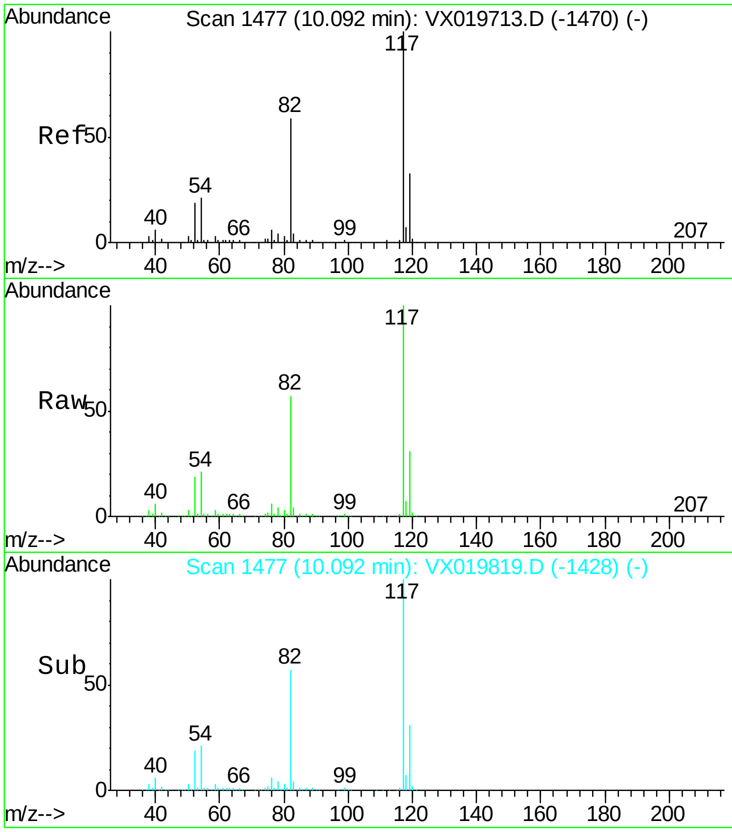


#62
4-Bromofluorobenzene
Concen: 44.365 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX019819.D
Acq: 10 Dec 2020 12:47

Tgt Ion: 95 Resp: 222296

Ion	Ratio	Lower	Upper
95	100		
174	78.5	0.0	154.6
176	77.0	0.0	155.8



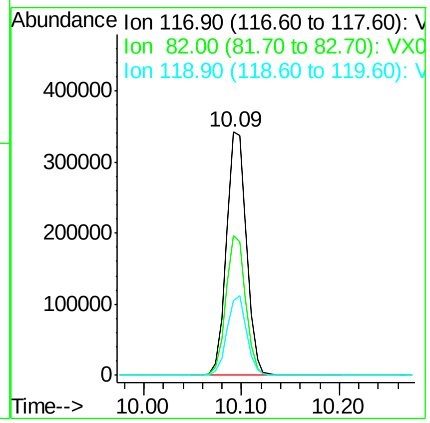


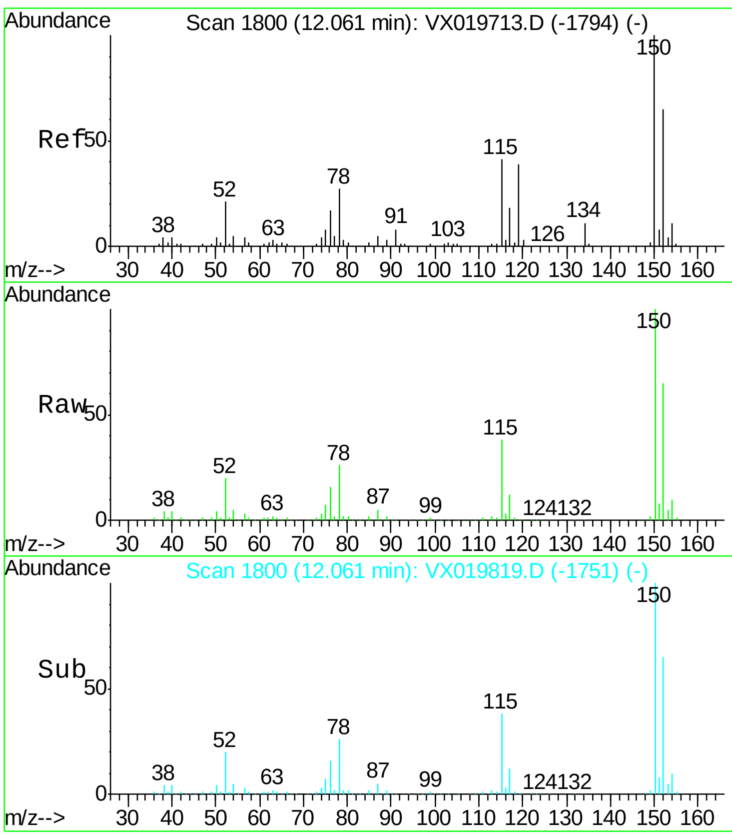
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.09 min Scan# 1477
Delta R.T. -0.00 min
Lab File: VX019819.D
Acq: 10 Dec 2020 12:47

Instrument :
MSVOA_X
ClientSampleId :
FB01-20201208

Tgt Ion:117 Resp: 483494

Ion	Ratio	Lower	Upper
117	100		
82	57.4	47.4	71.2
119	30.6	26.6	39.8





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX019819.D
Acq: 10 Dec 2020 12:47

Tgt Ion:152 Resp: 209742

Ion	Ratio	Lower	Upper
152	100		
115	58.8	41.1	123.3
150	154.8	0.0	349.0