Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY011320\
Data File : VY001187.D
Acq On : 13 Jan 2020 18:00
Operator : SY/MD
Sample : L1004-01
Misc : 8.09G/5ML/MSVOA_Y/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : BU-RO-258

Quant Time: Jan 14 11:26:40 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y011020S.M
Quant Title : SW846 8260
QLast Update : Fri Jan 10 16:01:58 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	17947	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	31522	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	26081	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	9892	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.14	65	8029	42.36	ug/l	0.00
Spiked Amount 50.000			Recovery = 84.72%			
35) Dibromofluoromethane	7.73	113	8432	45.69	ug/l	0.00
Spiked Amount 50.000			Recovery = 91.38%			
50) Toluene-d8	10.18	98	36229	50.94	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.88%			
62) 4-Bromofluorobenzene	12.48	95	11077	38.10	ug/l	0.00
Spiked Amount 50.000			Recovery = 76.20%			
Target Compounds						Qvalue
84) 1,2,4-Trimethylbenzene	13.12	105	1136	1.844	ug/l	99

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

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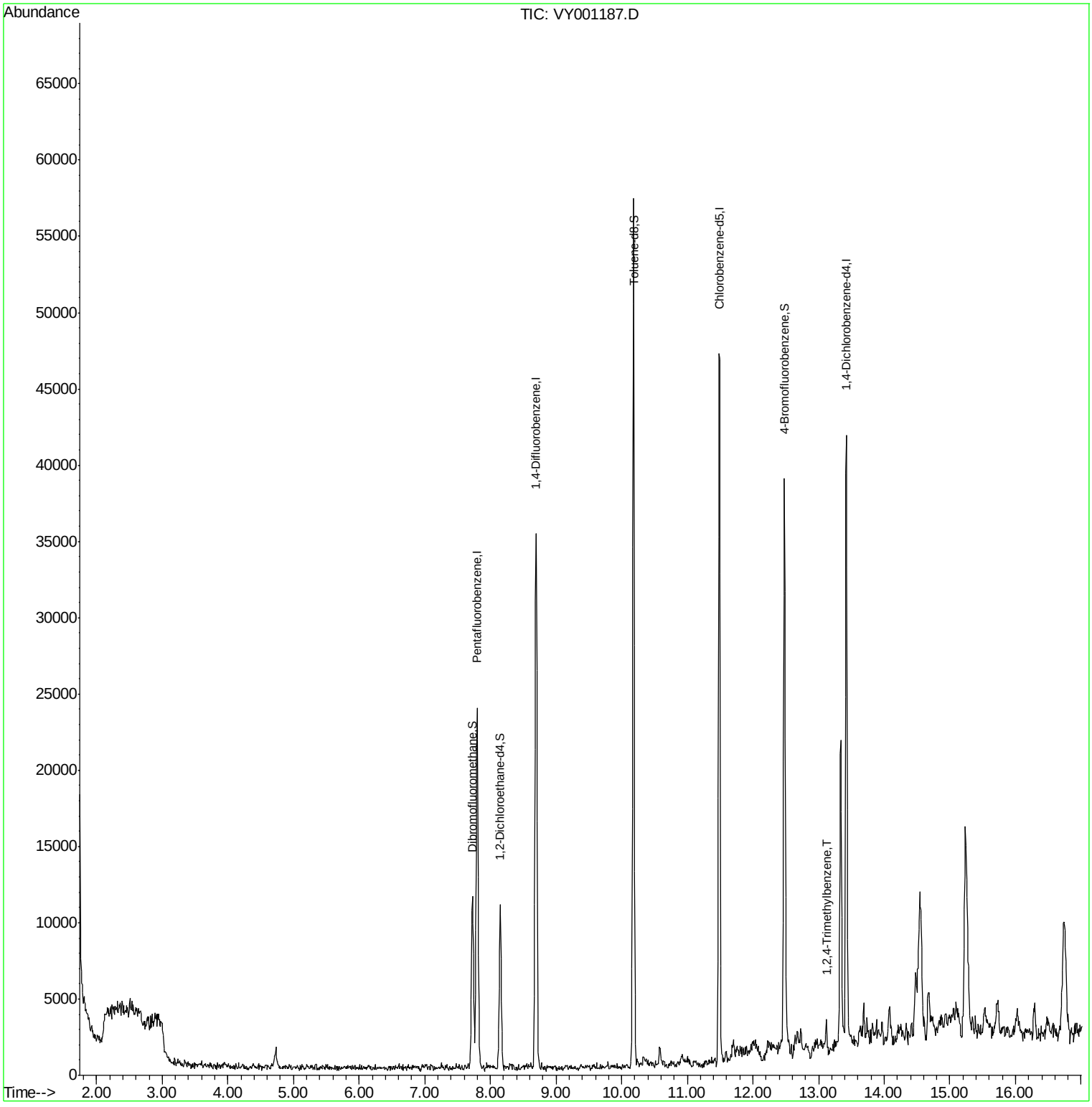
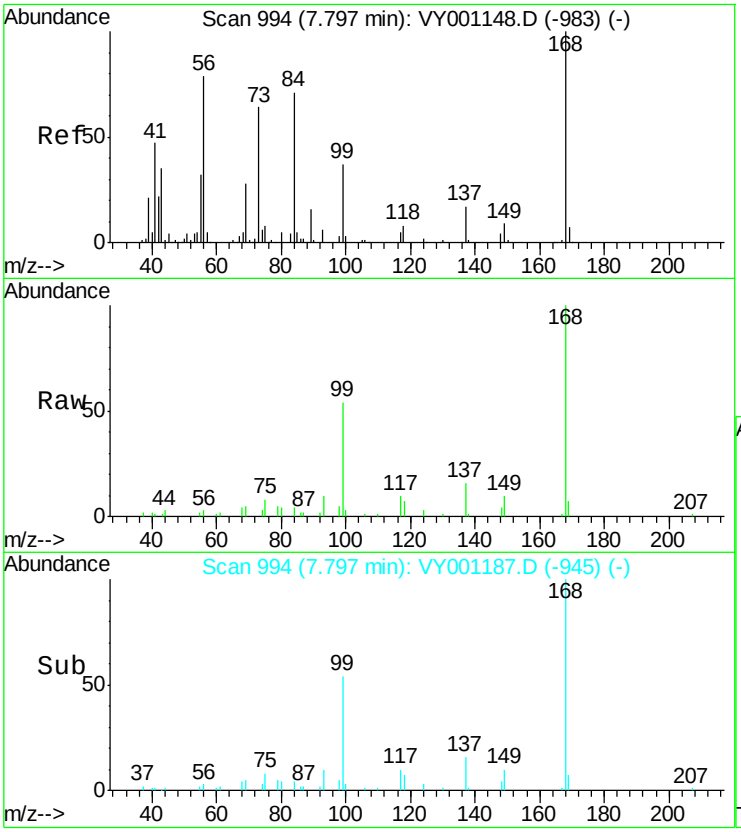


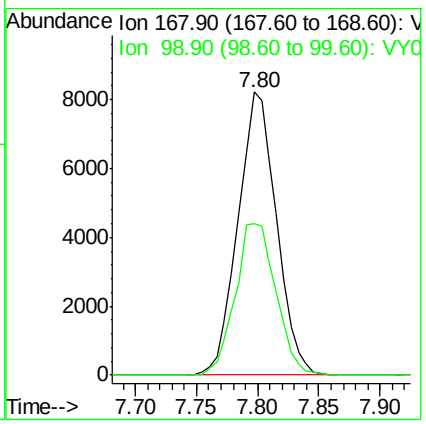


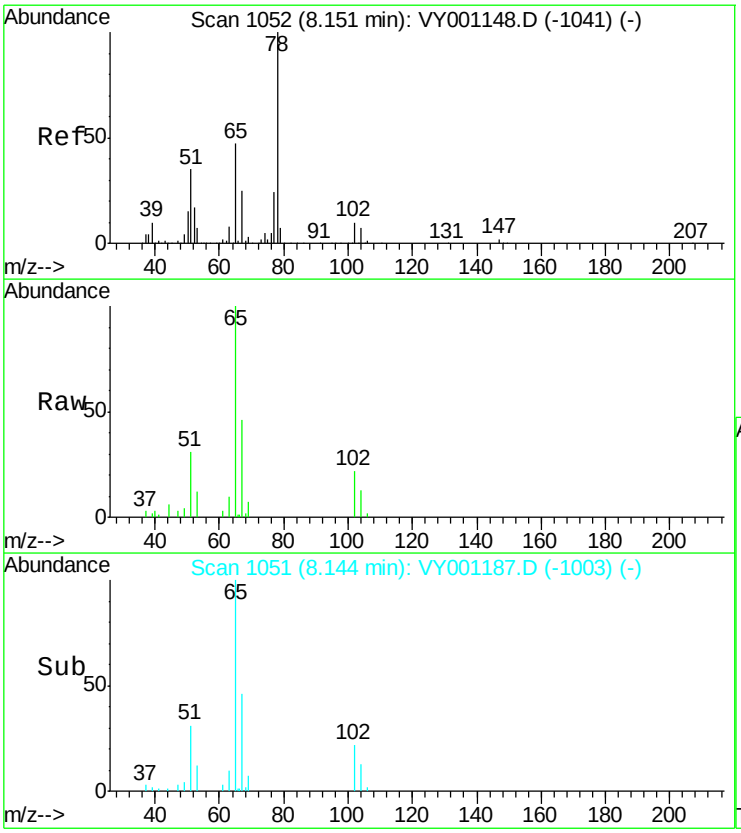
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.00 min
Lab File: VY001187.D
Acq: 13 Jan 2020 18:00

Instrument :
MSVOA_Y
ClientSampleId :
BU-RO-258

Tgt Ion:168 Resp: 17947

Ion	Ratio	Lower	Upper
168	100		
99	53.7	47.9	71.9

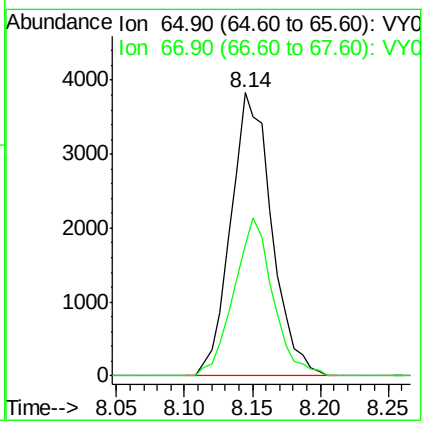


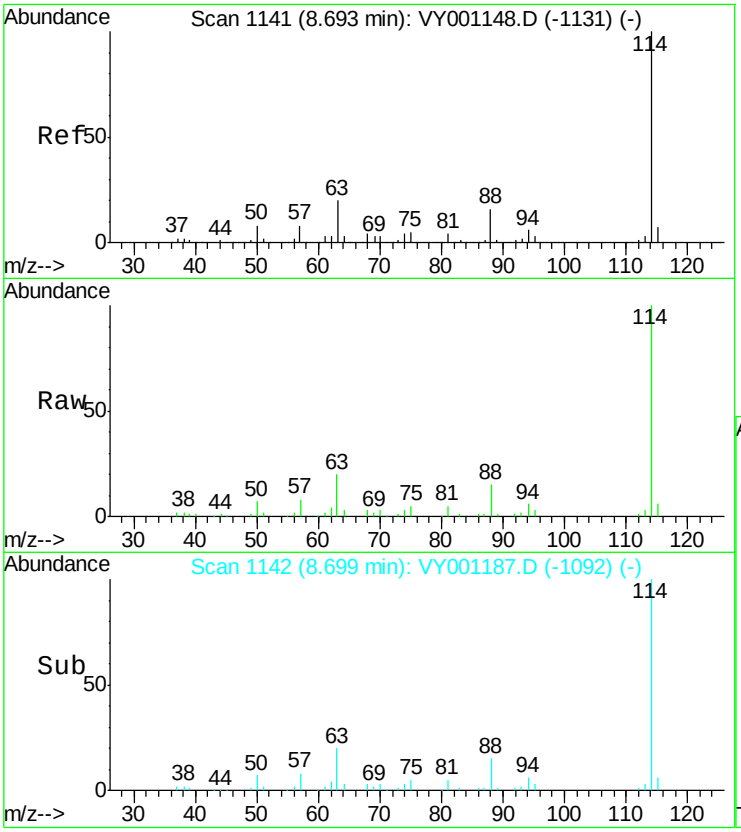


#33
1,2-Dichloroethane-d4
Concen: 42.358 ug/l
RT: 8.14 min Scan# 1051
Delta R.T. -0.01 min
Lab File: VY001187.D
Acq: 13 Jan 2020 18:00

Tgt Ion: 65 Resp: 8029

Ion	Ratio	Lower	Upper
65	100		
67	53.0	0.0	105.2



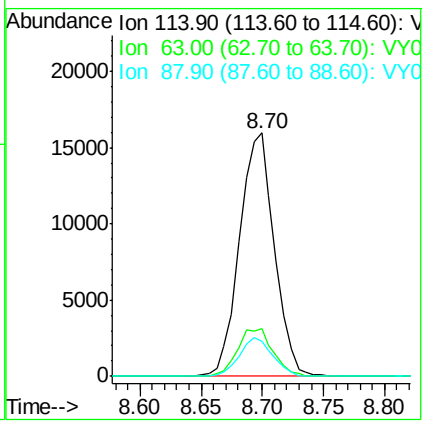


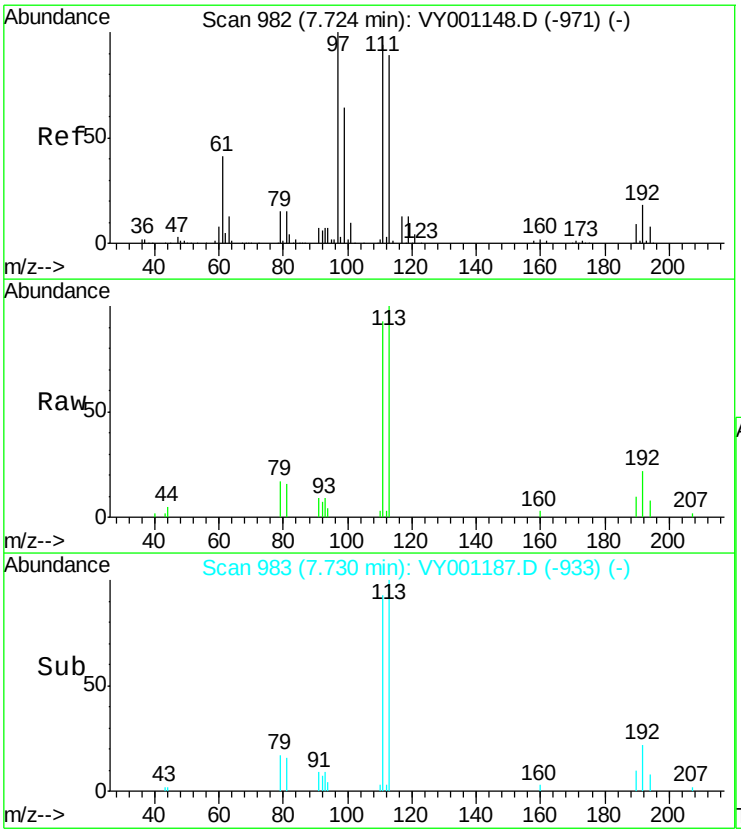
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.70 min Scan# 1142
Delta R.T. 0.01 min
Lab File: VY001187.D
Acq: 13 Jan 2020 18:00

Instrument :
MSVOA_Y
ClientSampleId :
BU-RO-258

Tgt Ion:114 Resp: 31522

Ion	Ratio	Lower	Upper
114	100		
63	19.6	0.0	40.8
88	14.6	0.0	32.4

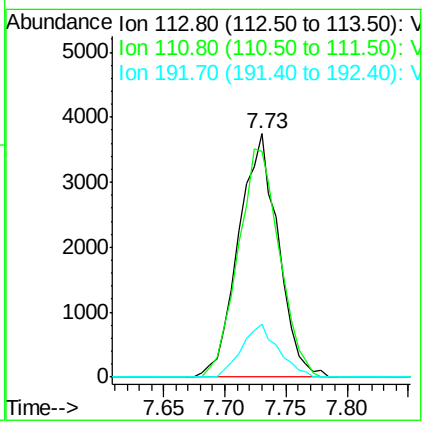


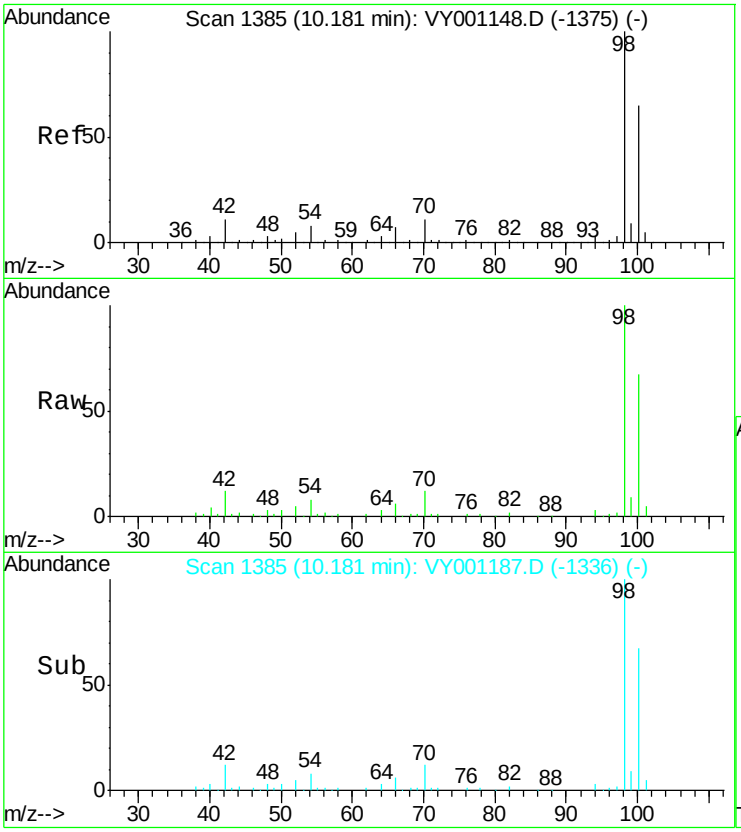


#35
Dibromofluoromethane
Concen: 45.687 ug/l
RT: 7.73 min Scan# 983
Delta R.T. 0.01 min
Lab File: VY001187.D
Acq: 13 Jan 2020 18:00

Tgt Ion:113 Resp: 8432

Ion	Ratio	Lower	Upper
113	100		
111	97.9	82.9	124.3
192	20.0	15.4	23.2



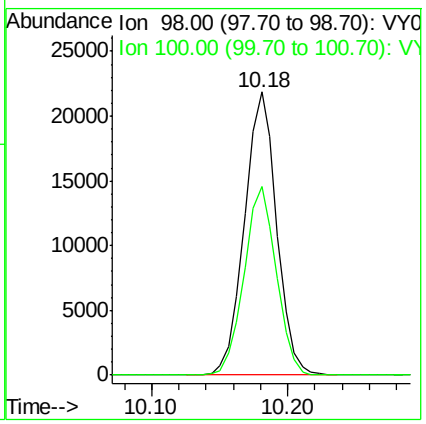


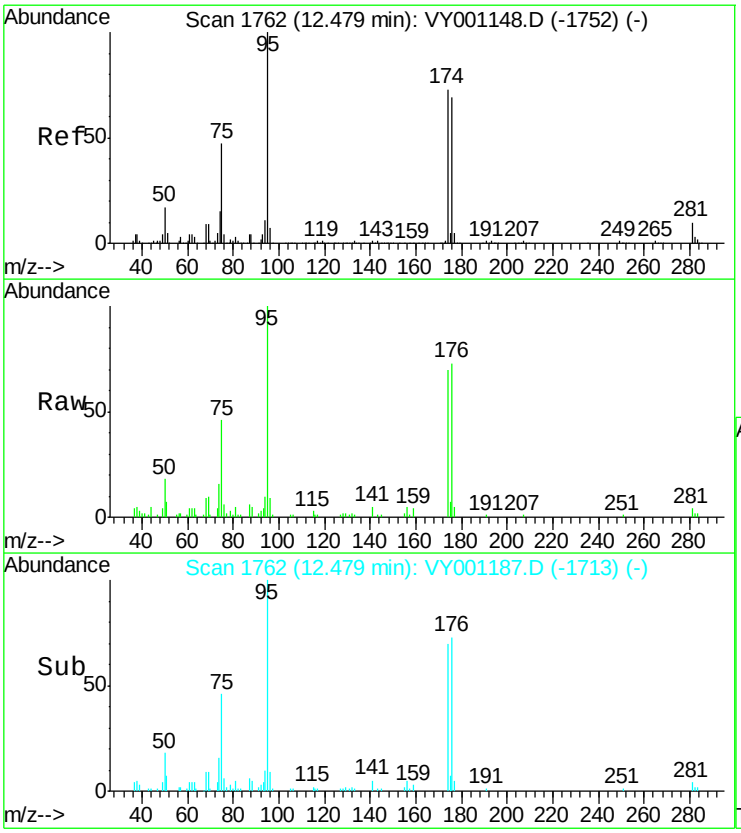
#50
Toluene-d8
Concen: 50.945 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY001187.D
Acq: 13 Jan 2020 18:00

Instrument : MSVOA_Y
ClientSampleId : BU-RO-258

Tgt Ion: 98 Resp: 36229

Ion	Ratio	Lower	Upper
98	100		
100	66.4	53.1	79.7

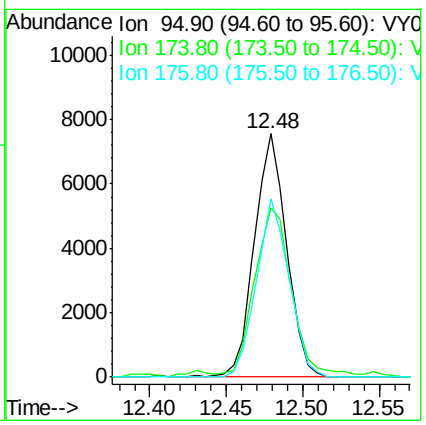


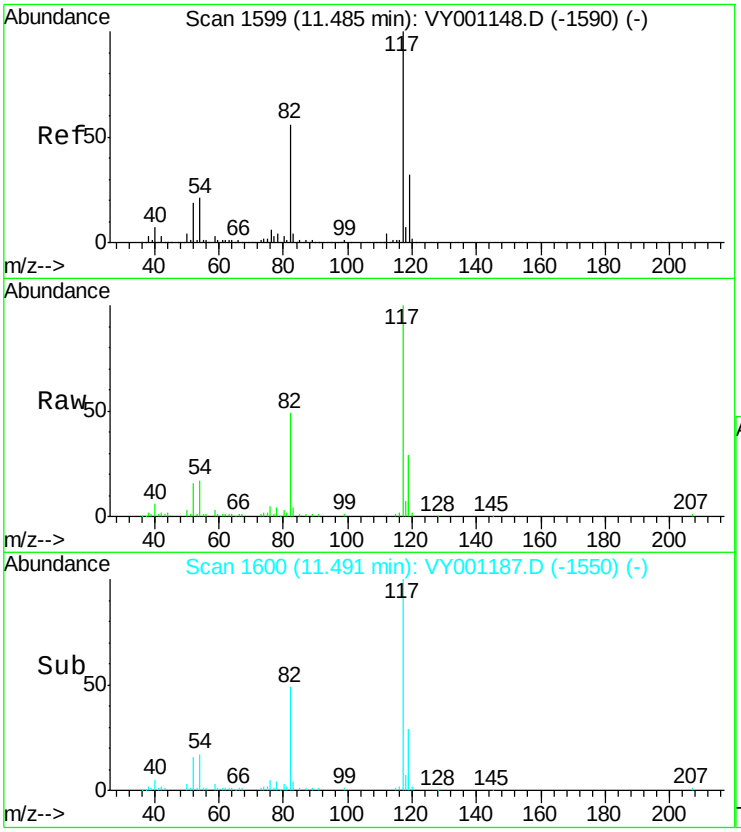


#62
4-Bromofluorobenzene
Concen: 38.100 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.00 min
Lab File: VY001187.D
Acq: 13 Jan 2020 18:00

Tgt Ion: 95 Resp: 11077

Ion	Ratio	Lower	Upper
95	100		
174	78.3	0.0	143.2
176	74.3	0.0	136.0



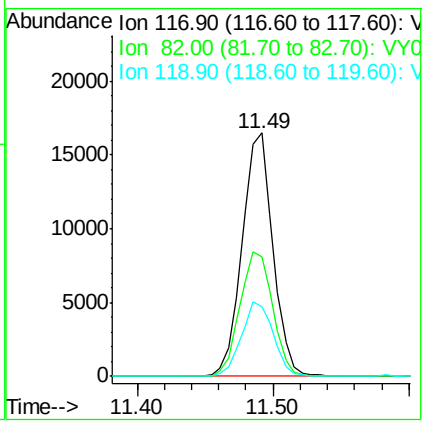


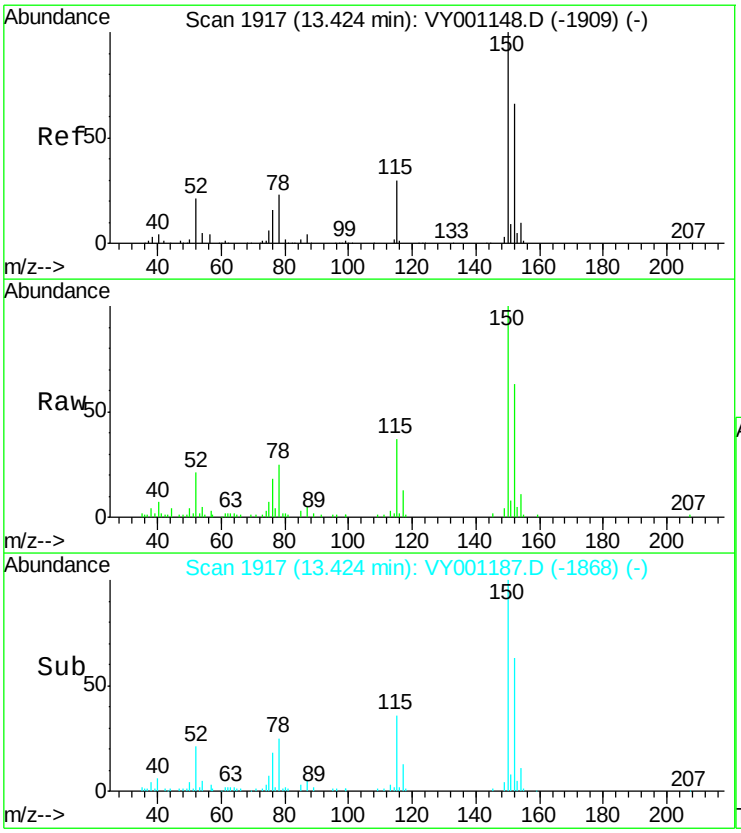
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.01 min
Lab File: VY001187.D
Acq: 13 Jan 2020 18:00

Instrument :
MSVOA_Y
ClientSampleId :
BU-RO-258

Tgt Ion:117 Resp: 26081

Ion	Ratio	Lower	Upper
117	100		
82	49.3	44.9	67.3
119	28.5	25.7	38.5

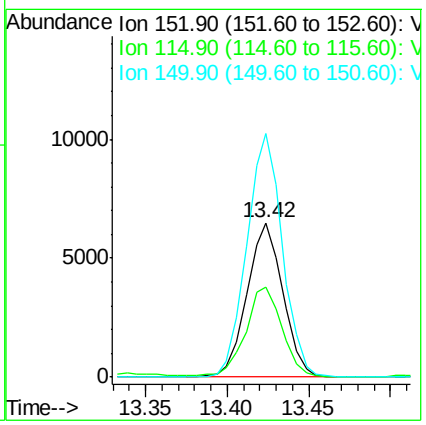


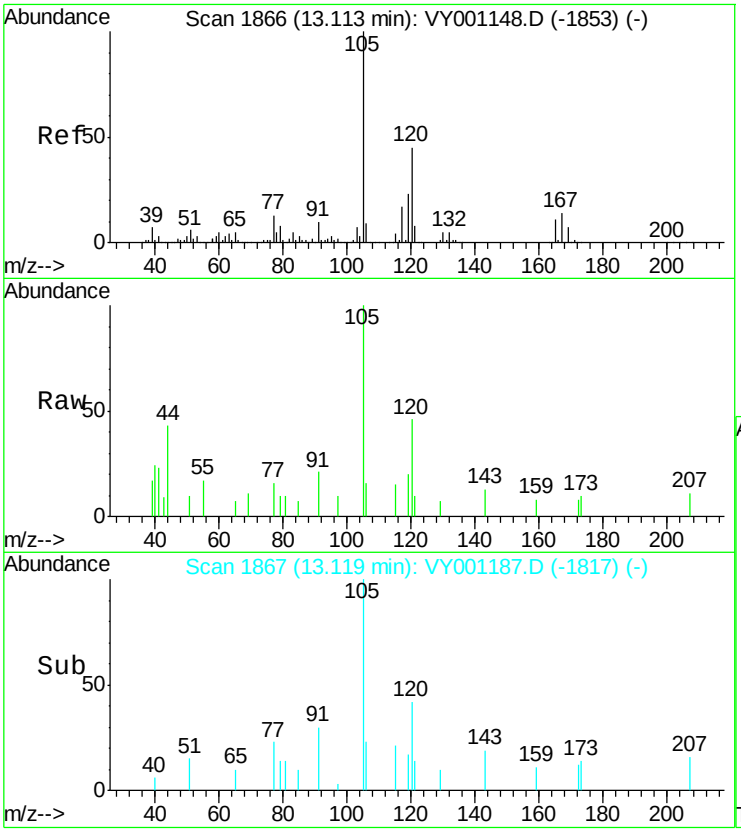


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY001187.D
Acq: 13 Jan 2020 18:00

Tgt Ion:152 Resp: 9892

Ion	Ratio	Lower	Upper
152	100		
115	59.6	30.9	92.5
150	156.5	0.0	346.8





#84
1,2,4-Trimethylbenzene
Concen: 1.844 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. 0.01 min
Lab File: VY001187.D
Acq: 13 Jan 2020 18:00

Instrument :
MSVOA_Y
ClientSampleId :
BU-RO-258

Tgt Ion:105 Resp: 1136

Ion	Ratio	Lower	Upper
105	100		
120	45.1	22.8	68.3