Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY011020\
Data File : VY001161.D
Acq On : 10 Jan 2020 20:40
Operator : SY/MD
Sample : L1073-02
Misc : 4.45G/5ML/MSVOA_Y/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : CIY1-SB-02-8.5-9

Quant Time: Jan 11 03:28:10 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	156913	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	284722	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	250228	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	104510	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	81567	49.22	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.44%			
35) Dibromofluoromethane	7.73	113	83818	50.28	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.56%			
50) Toluene-d8	10.18	98	336494	52.39	ug/l	0.00
Spiked Amount 50.000			Recovery = 104.78%			
62) 4-Bromofluorobenzene	12.48	95	115430	43.96	ug/l	0.00
Spiked Amount 50.000			Recovery = 87.92%			
Target Compounds						Qvalue
16) Acetone	3.96	43	6707	17.426	ug/l	93
17) Carbon Disulfide	4.20	76	6946	1.338	ug/l	99
95) Naphthalene	15.23	128	9309	1.989	ug/l #	92

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

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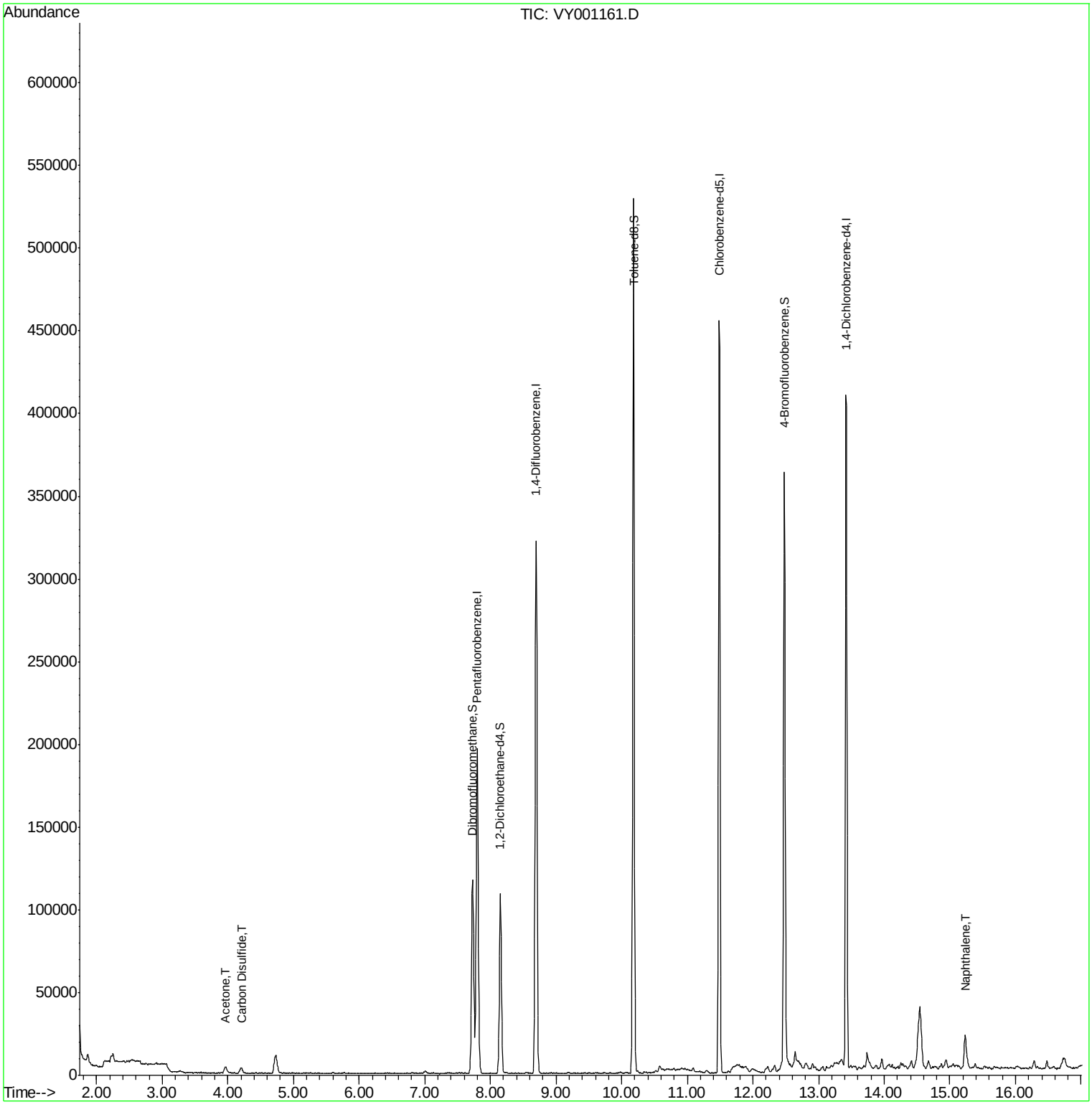
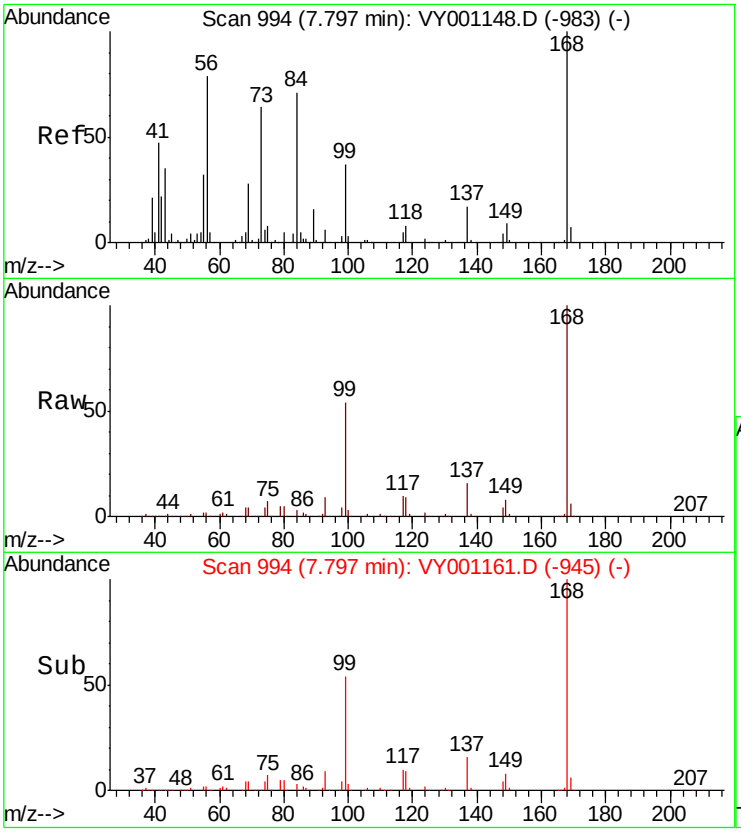


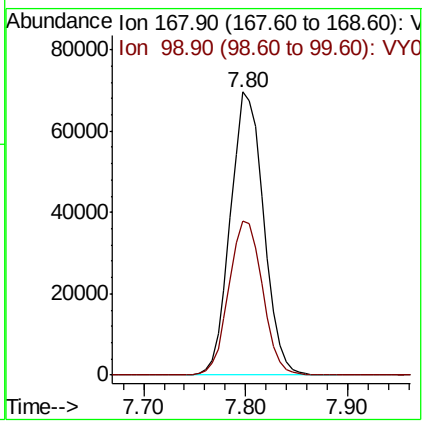


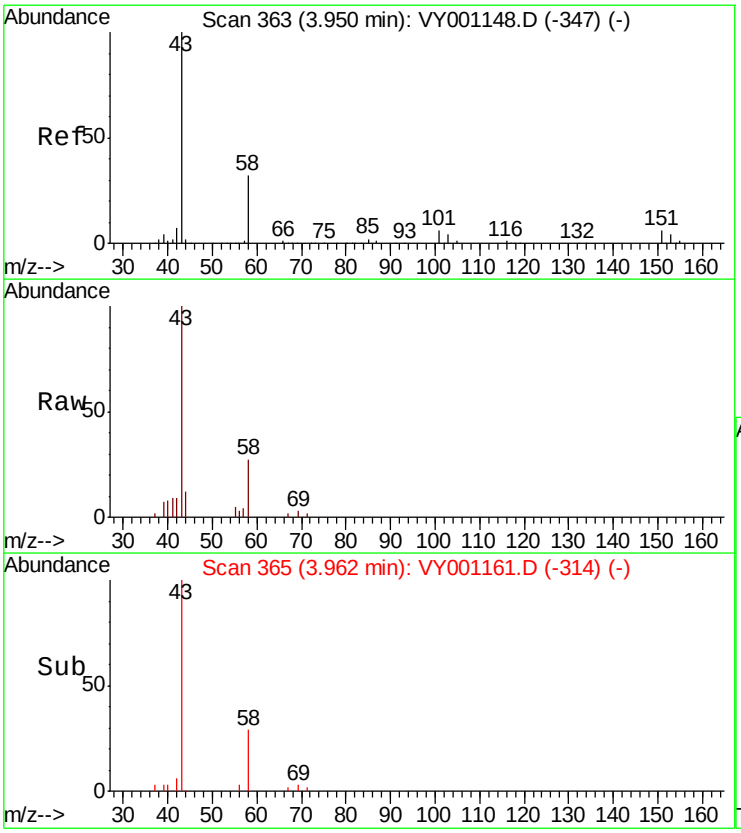
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.80 min Scan# 994
Delta R.T. 0.00 min
Lab File: VY001161.D
Acq: 10 Jan 2020 20:40

Instrument :
MSVOA_Y
ClientSampleId :
CIY1-SB-02-8.5-9

Tgt Ion:168 Resp: 156913

Ion	Ratio	Lower	Upper
168	100		
99	54.4	47.9	71.9

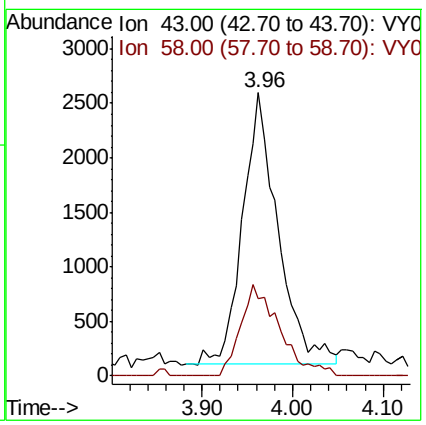


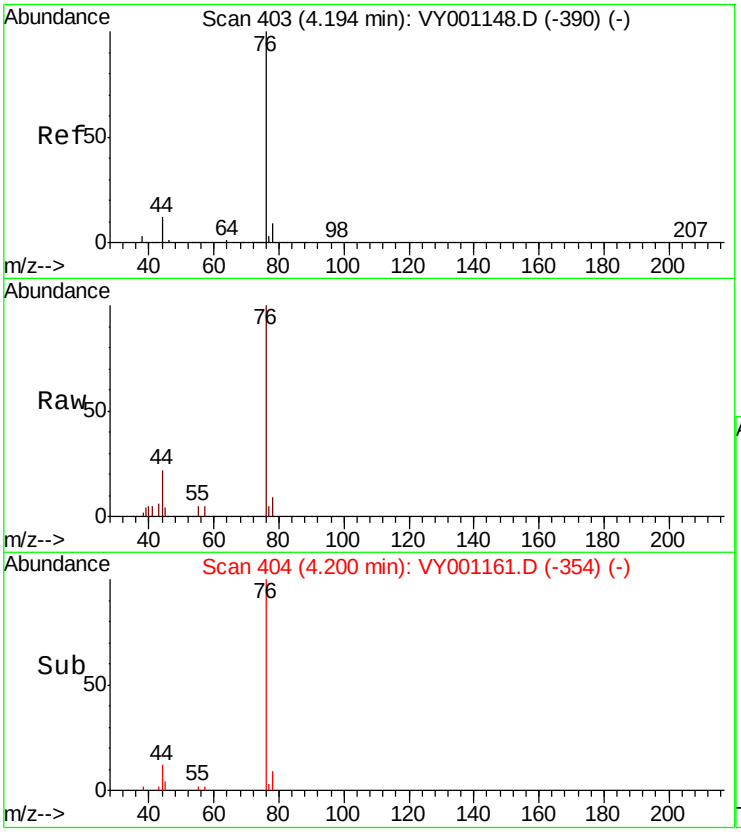


#16
Acetone
Concen: 17.426 ug/l
RT: 3.96 min Scan# 365
Delta R.T. 0.01 min
Lab File: VY001161.D
Acq: 10 Jan 2020 20:40

Tgt Ion: 43 Resp: 6707

Ion	Ratio	Lower	Upper
43	100		
58	28.3	25.8	38.6



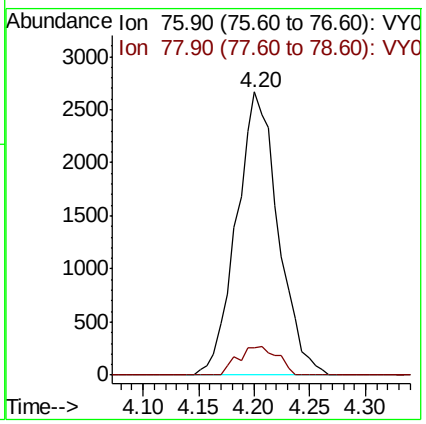


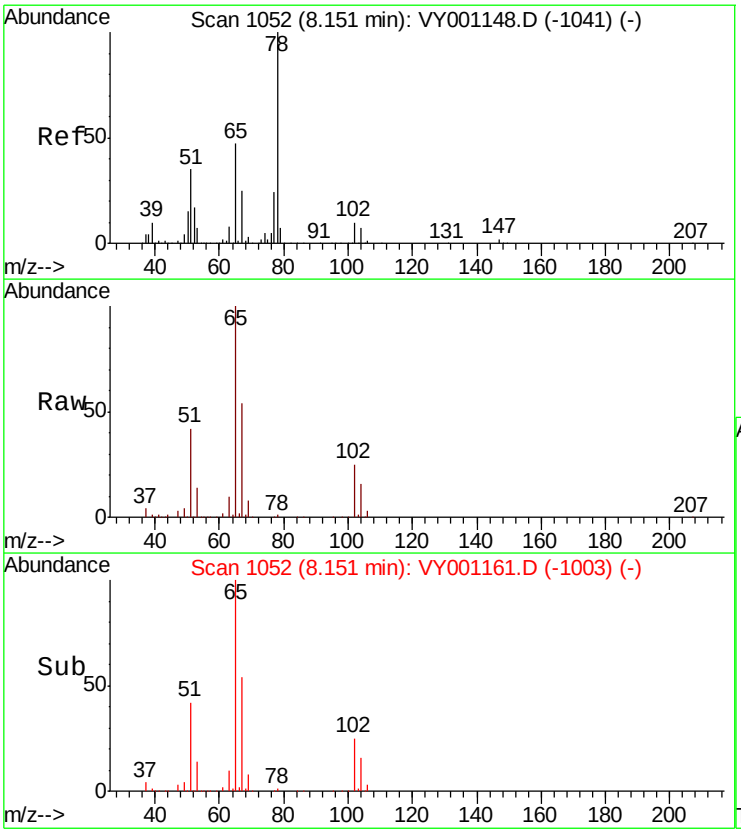
#17
Carbon Disulfide
Concen: 1.338 ug/l
RT: 4.20 min Scan# 404
Delta R.T. 0.01 min
Lab File: VY001161.D
Acq: 10 Jan 2020 20:40

Instrument :
MSVOA_Y
ClientSampleId :
CIY1-SB-02-8.5-9

Tgt Ion: 76 Resp: 6946

Ion	Ratio	Lower	Upper
76	100		
78	9.5	7.2	10.8

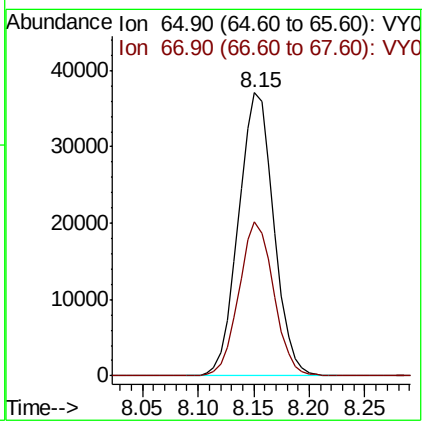


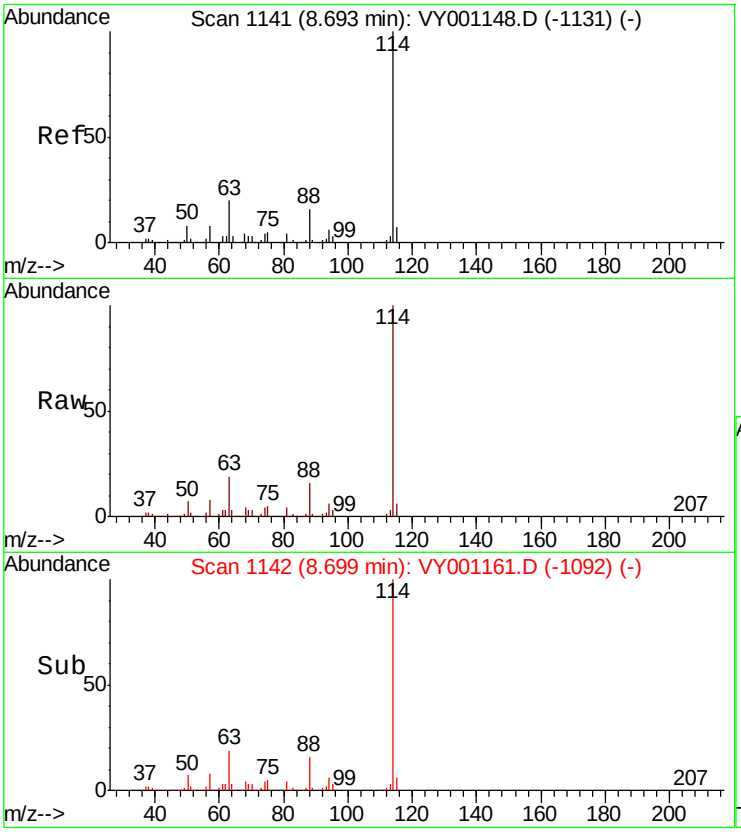


#33
1,2-Dichloroethane-d4
Concen: 49.218 ug/l
RT: 8.15 min Scan# 1052
Delta R.T. 0.00 min
Lab File: VY001161.D
Acq: 10 Jan 2020 20:40

Tgt Ion: 65 Resp: 81567

Ion	Ratio	Lower	Upper
65	100		
67	54.0	0.0	105.2



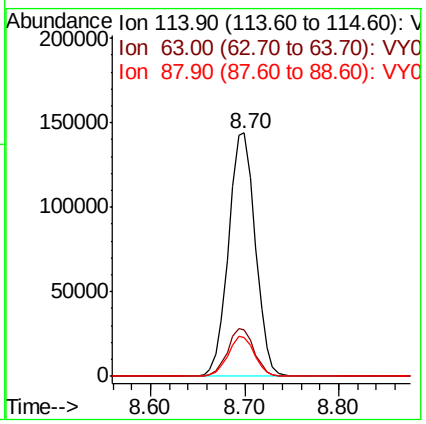


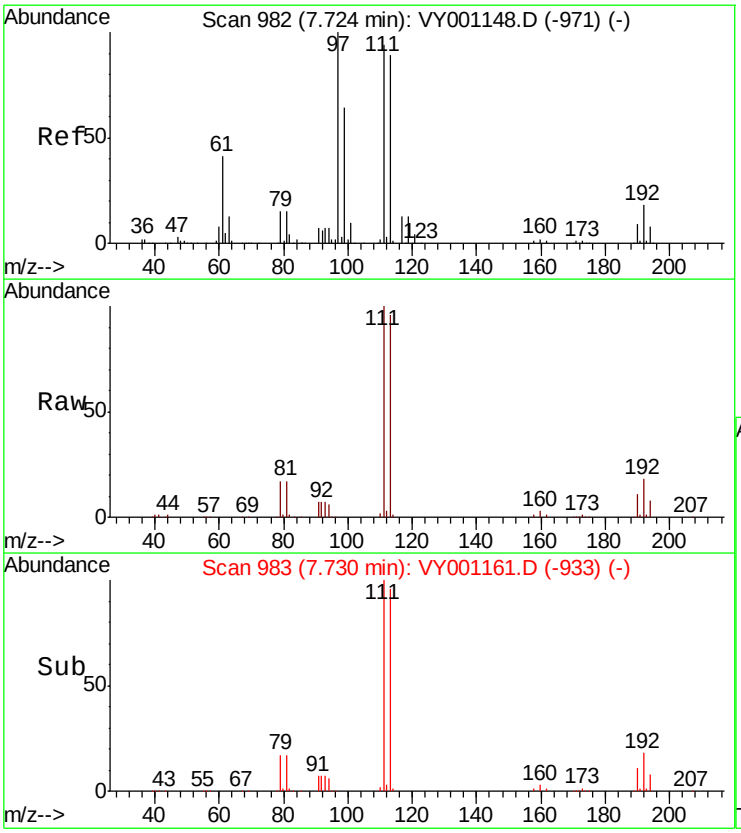
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.70 min Scan# 1142
Delta R.T. 0.01 min
Lab File: VY001161.D
Acq: 10 Jan 2020 20:40

Instrument :
MSVOA_Y
ClientSampleId :
CIY1-SB-02-8.5-9

Tgt Ion:114 Resp: 284722

Ion	Ratio	Lower	Upper
114	100		
63	19.1	0.0	40.8
88	15.7	0.0	32.4

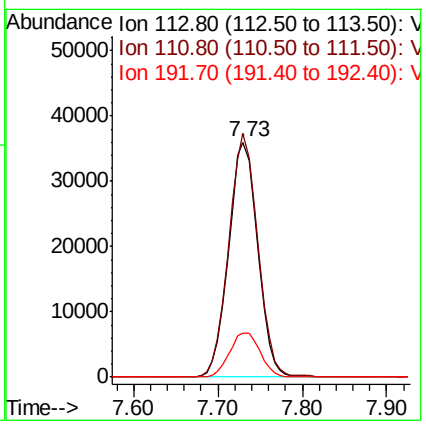


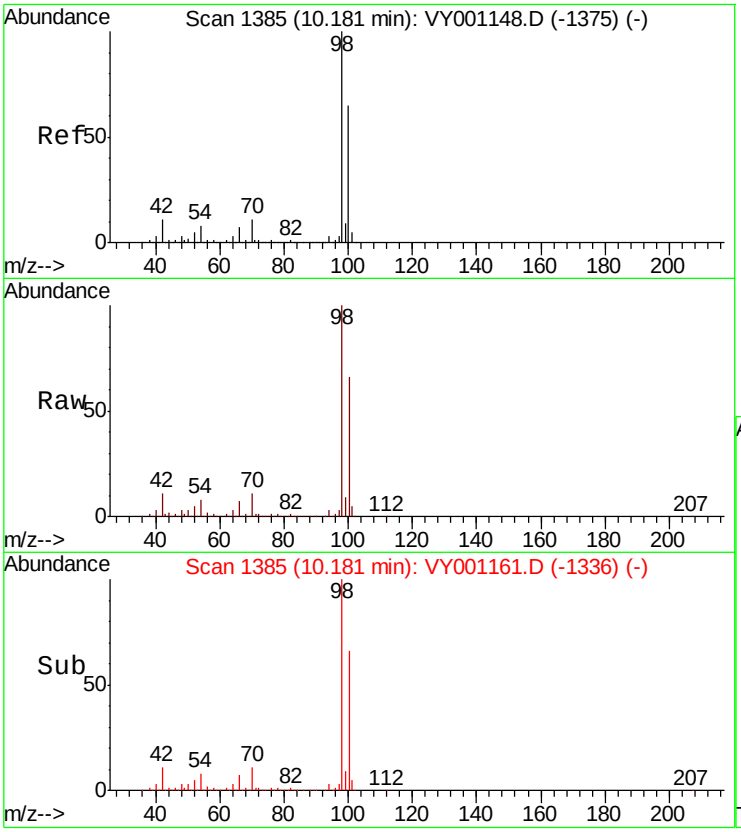


#35
Dibromofluoromethane
Concen: 50.279 ug/l
RT: 7.73 min Scan# 983
Delta R.T. 0.01 min
Lab File: VY001161.D
Acq: 10 Jan 2020 20:40

Tgt Ion:113 Resp: 83818

Ion	Ratio	Lower	Upper
113	100		
111	103.3	82.9	124.3
192	19.7	15.4	23.2



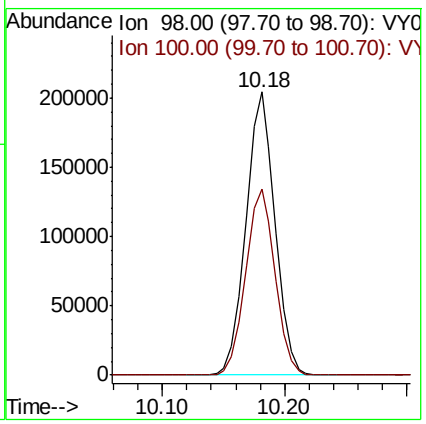


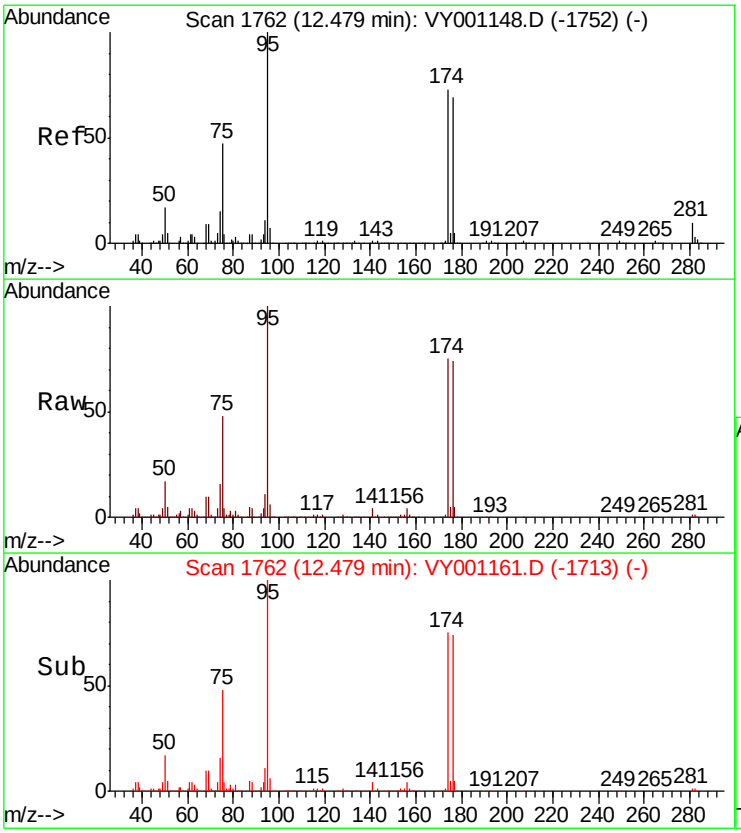
#50
Toluene-d8
Concen: 52.386 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY001161.D
Acq: 10 Jan 2020 20:40

Instrument : MSVOA_Y
ClientSampleId : CIY1-SB-02-8.5-9

Tgt Ion: 98 Resp: 336494

Ion	Ratio	Lower	Upper
98	100		
100	66.7	53.1	79.7

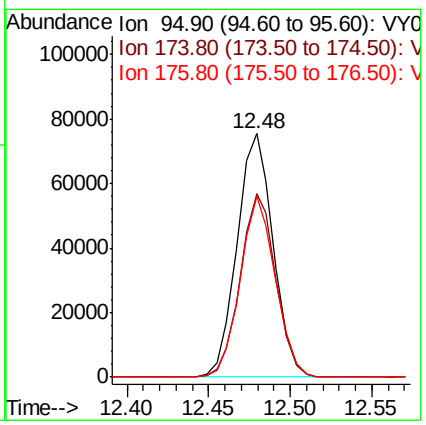


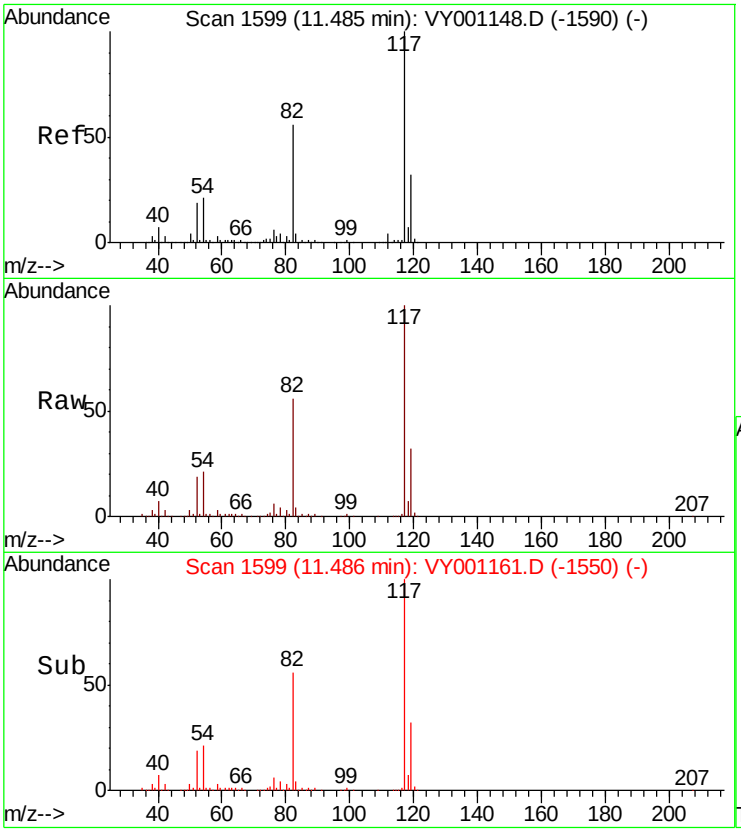


#62
4-Bromofluorobenzene
Concen: 43.955 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. 0.00 min
Lab File: VY001161.D
Acq: 10 Jan 2020 20:40

Tgt Ion: 95 Resp: 115430

Ion	Ratio	Lower	Upper
95	100		
174	74.9	0.0	143.2
176	72.2	0.0	136.0



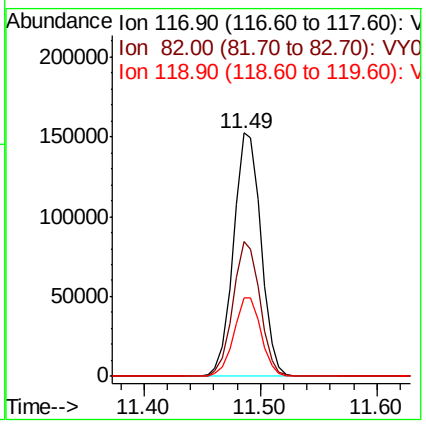


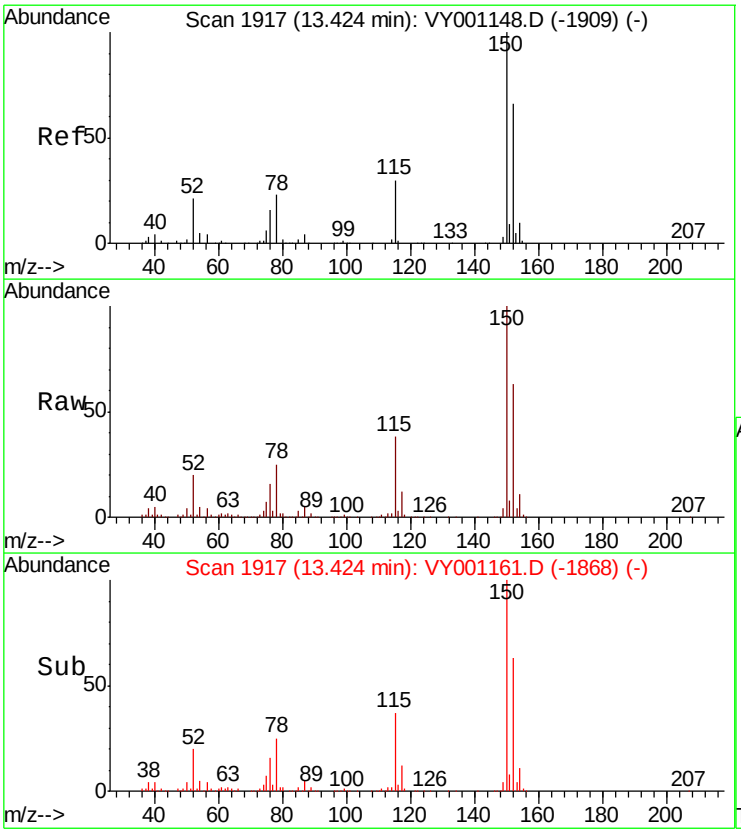
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. 0.00 min
Lab File: VY001161.D
Acq: 10 Jan 2020 20:40

Instrument : MSVOA_Y
ClientSampleId : CIY1-SB-02-8.5-9

Tgt Ion:117 Resp: 250228

Ion	Ratio	Lower	Upper
117	100		
82	55.6	44.9	67.3
119	32.1	25.7	38.5

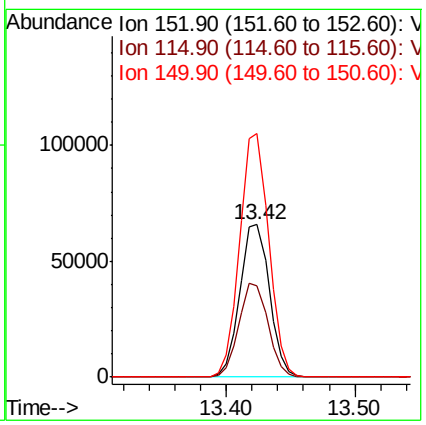


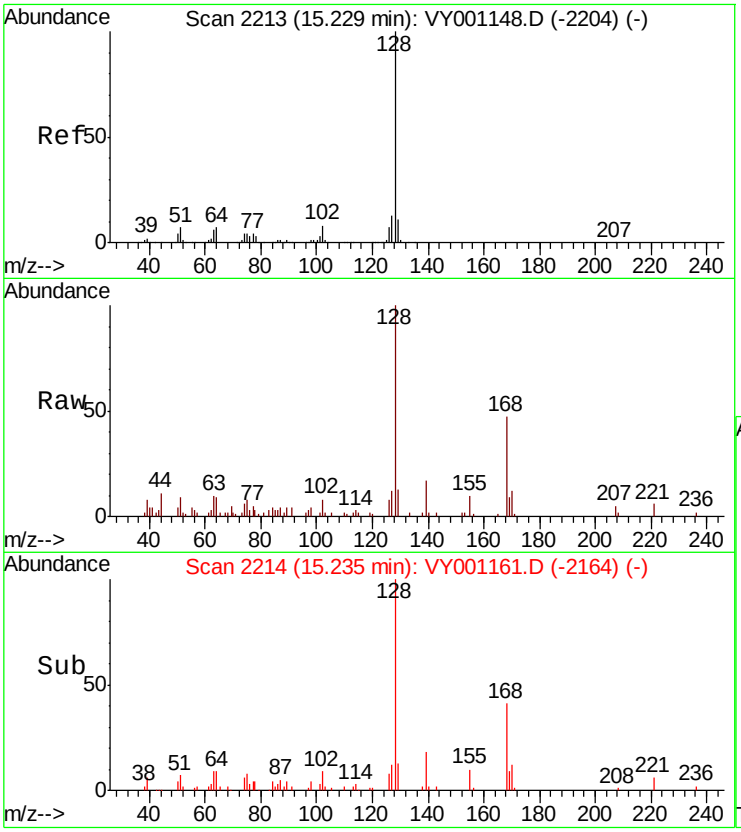


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY001161.D
Acq: 10 Jan 2020 20:40

Tgt Ion:152 Resp: 104510

Ion	Ratio	Lower	Upper
152	100		
115	60.6	30.9	92.5
150	156.9	0.0	346.8





#95
Naphthalene
Concen: 1.989 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.01 min
Lab File: VY001161.D
Acq: 10 Jan 2020 20:40

Instrument :
MSVOA_Y
ClientSampleId :
CIY1-SB-02-8.5-9

Tgt Ion:128 Resp: 9309

Ion	Ratio	Lower	Upper
128	100		
127	15.3	10.2	15.4
129	14.3	8.5	12.7#