Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY051320\
Data File : VY002687.D
Acq On : 13 May 2020 16:09
Operator : SY/MD
Sample : L2638-03
Misc : 4.63G/5ML/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : SUP-WZ2-G-2

Quant Time: May 14 08:13:57 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y043020S.M
Quant Title : SW846 8260
QLast Update : Mon May 04 12:22:08 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	304265	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.69	114	478937	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.49	117	420269	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	200469	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	131538	51.42	ug/l	-0.01
Spiked Amount 50.000			Recovery = 102.84%			
35) Dibromofluoromethane	7.72	113	142229	51.93	ug/l	-0.01
Spiked Amount 50.000			Recovery = 103.86%			
50) Toluene-d8	10.18	98	559192	52.28	ug/l	-0.01
Spiked Amount 50.000			Recovery = 104.56%			
62) 4-Bromofluorobenzene	12.48	95	174788	48.16	ug/l	-0.01
Spiked Amount 50.000			Recovery = 96.32%			
Target Compounds						Qvalue
16) Acetone	3.96	43	81641	154.629	ug/l	94
20) Methylene Chloride	4.73	84	29886	10.122	ug/l	98
95) Naphthalene	15.23	128	10998	1.515	ug/l	97

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

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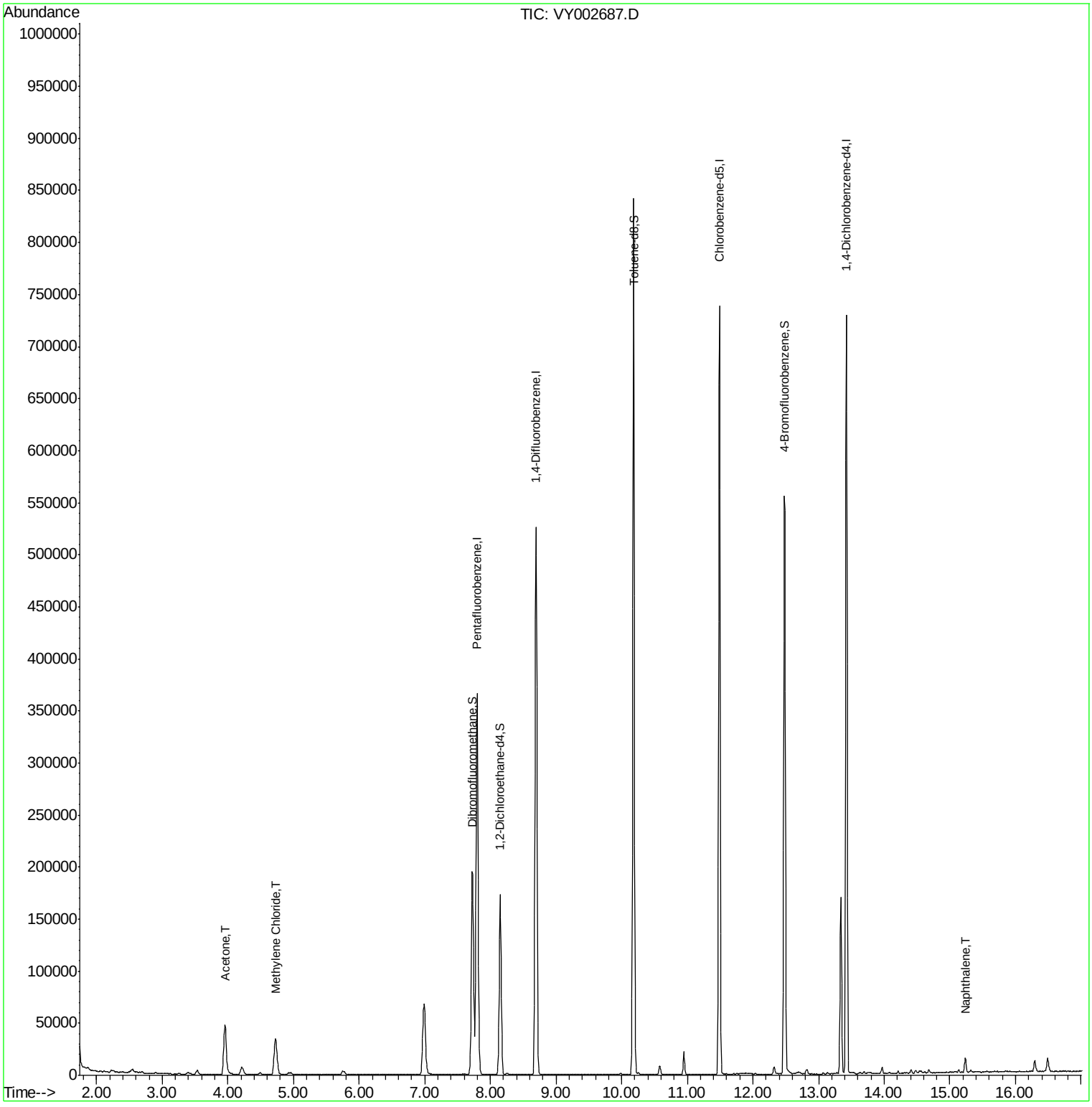
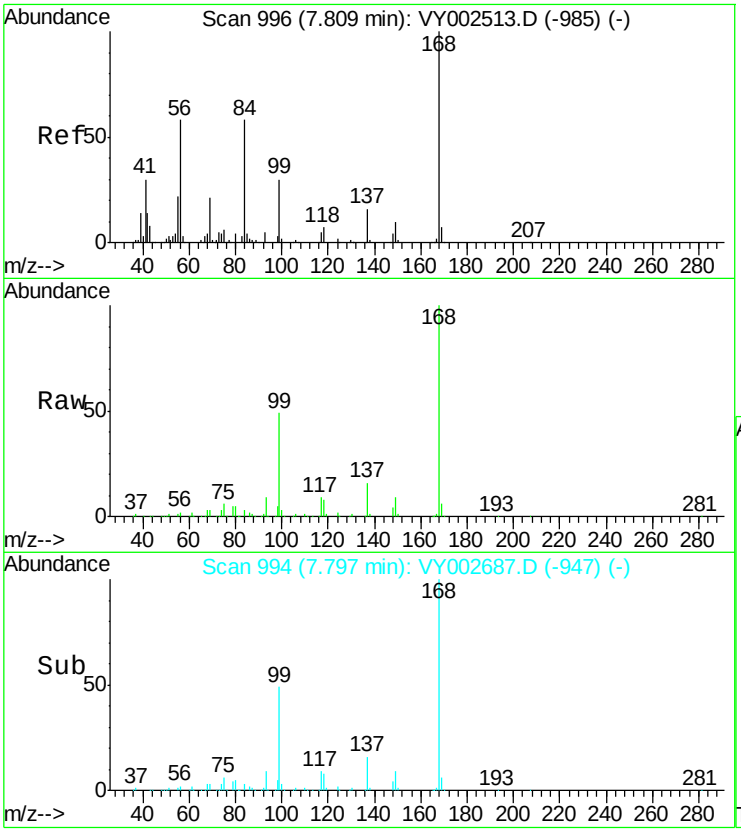


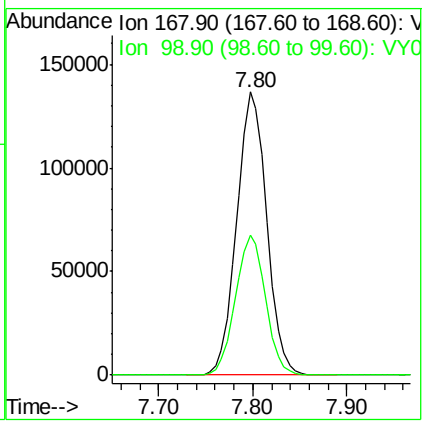


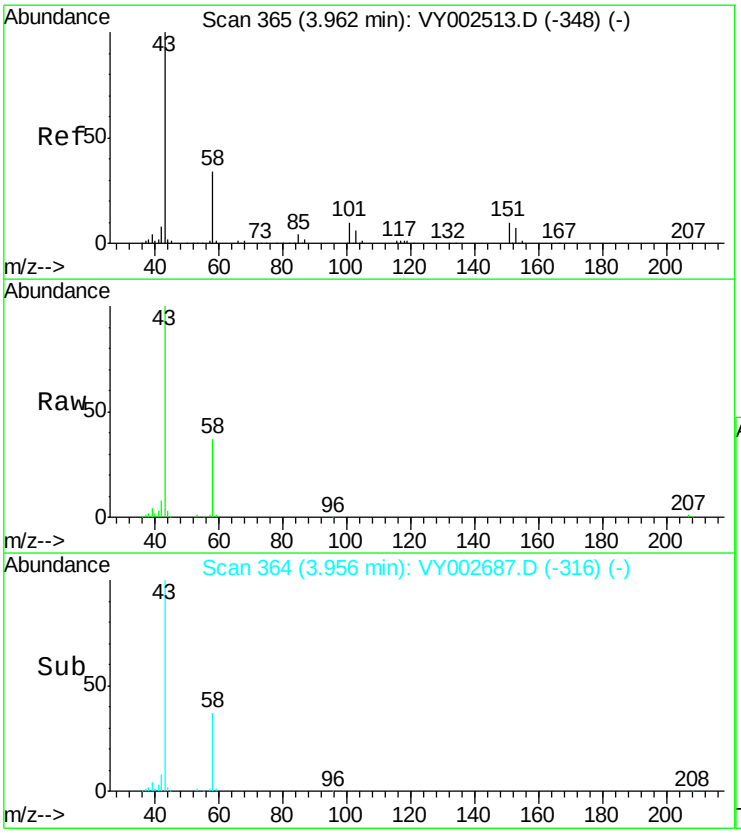
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.01 min
Lab File: VY002687.D
Acq: 13 May 2020 16:09

Instrument :
MSVOA_Y
ClientSampleId :
SUP-WZ2-G-2

Tgt Ion:168 Resp: 304265

Ion	Ratio	Lower	Upper
168	100		
99	49.5	39.2	58.8

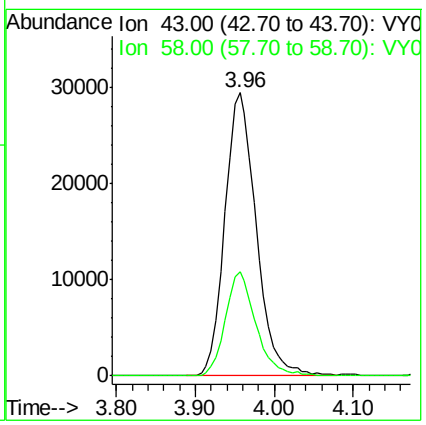


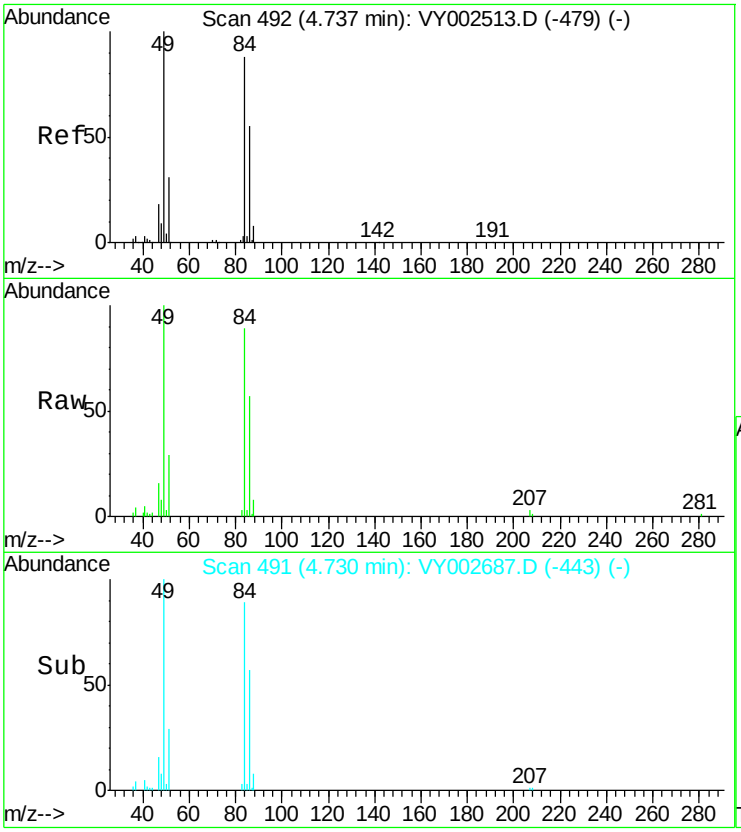


#16
Acetone
Concen: 154.629 ug/l
RT: 3.96 min Scan# 364
Delta R.T. -0.01 min
Lab File: VY002687.D
Acq: 13 May 2020 16:09

Tgt Ion: 43 Resp: 81641

Ion	Ratio	Lower	Upper
43	100		
58	37.0	26.9	40.3



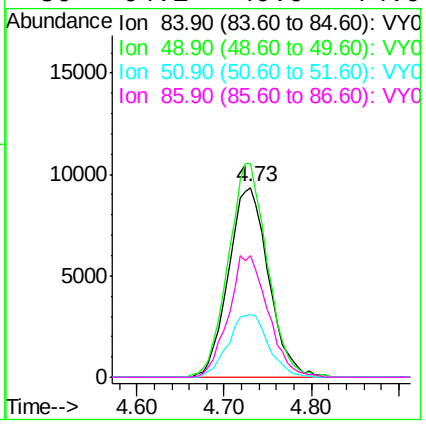


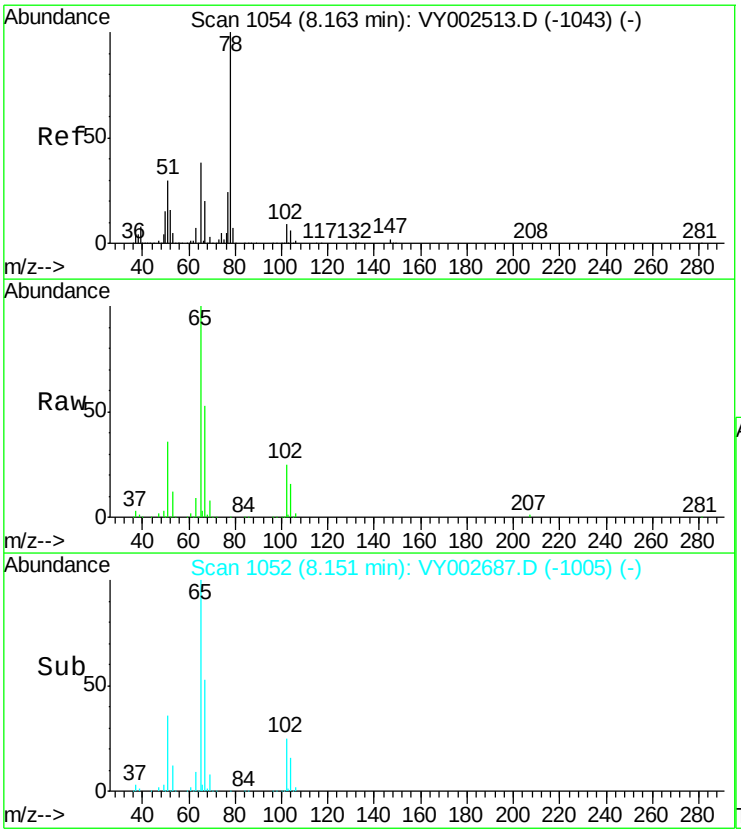
#20
Methylene Chloride
Concen: 10.122 ug/l
RT: 4.73 min Scan# 491
Delta R.T. -0.01 min
Lab File: VY002687.D
Acq: 13 May 2020 16:09

Instrument : MSVOA_Y
ClientSampleId : SUP-WZ2-G-2

Tgt Ion: 84 Resp: 29886

Ion	Ratio	Lower	Upper
84	100		
49	112.7	90.5	135.7
51	33.1	28.3	42.5
86	64.1	49.9	74.9

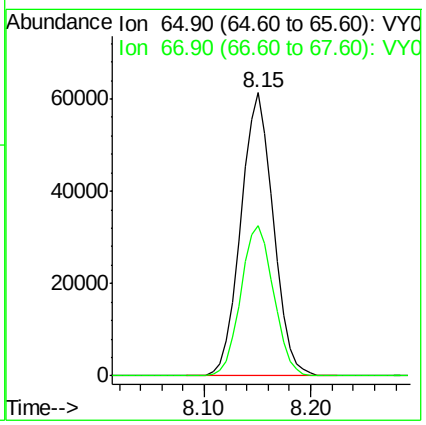


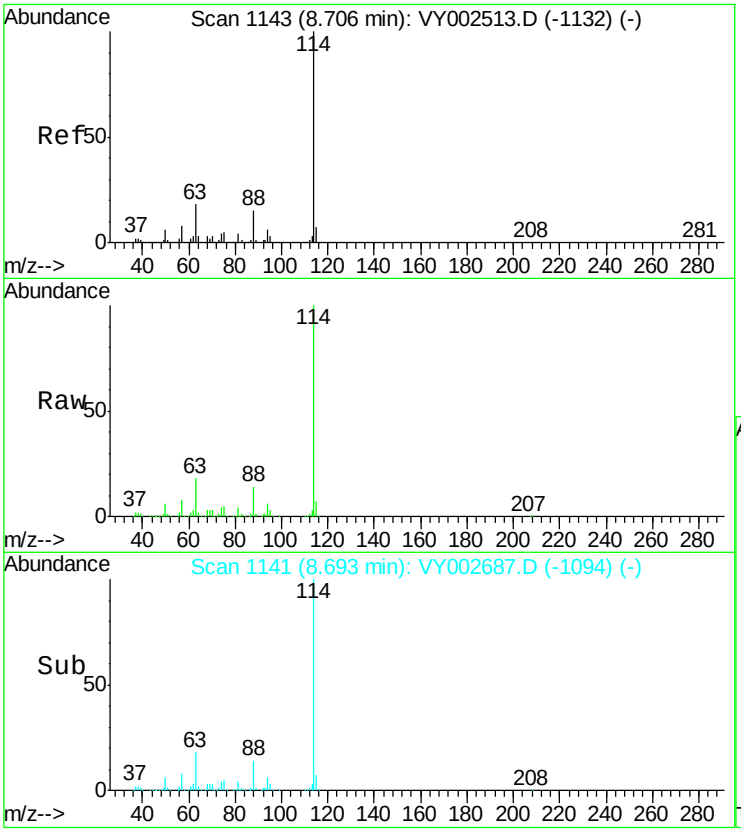


#33
1,2-Dichloroethane-d4
Concen: 51.416 ug/l
RT: 8.15 min Scan# 1052
Delta R.T. -0.01 min
Lab File: VY002687.D
Acq: 13 May 2020 16:09

Tgt Ion: 65 Resp: 131538

Ion	Ratio	Lower	Upper
65	100		
67	53.8	0.0	107.2



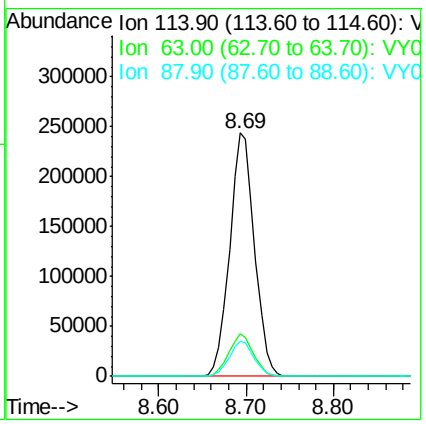


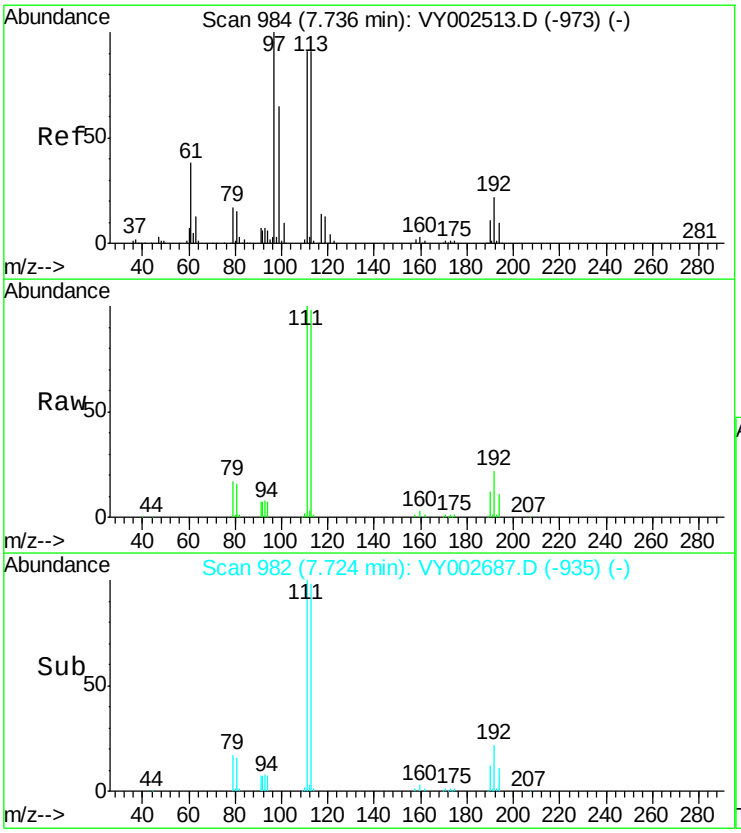
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.69 min Scan# 1141
Delta R.T. -0.01 min
Lab File: VY002687.D
Acq: 13 May 2020 16:09

Instrument :
MSVOA_Y
ClientSampleId :
SUP-WZ2-G-2

Tgt Ion:114 Resp: 478937

Ion	Ratio	Lower	Upper
114	100		
63	17.6	0.0	36.4
88	14.5	0.0	29.6

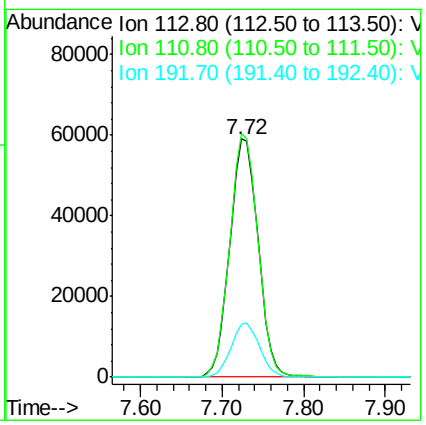


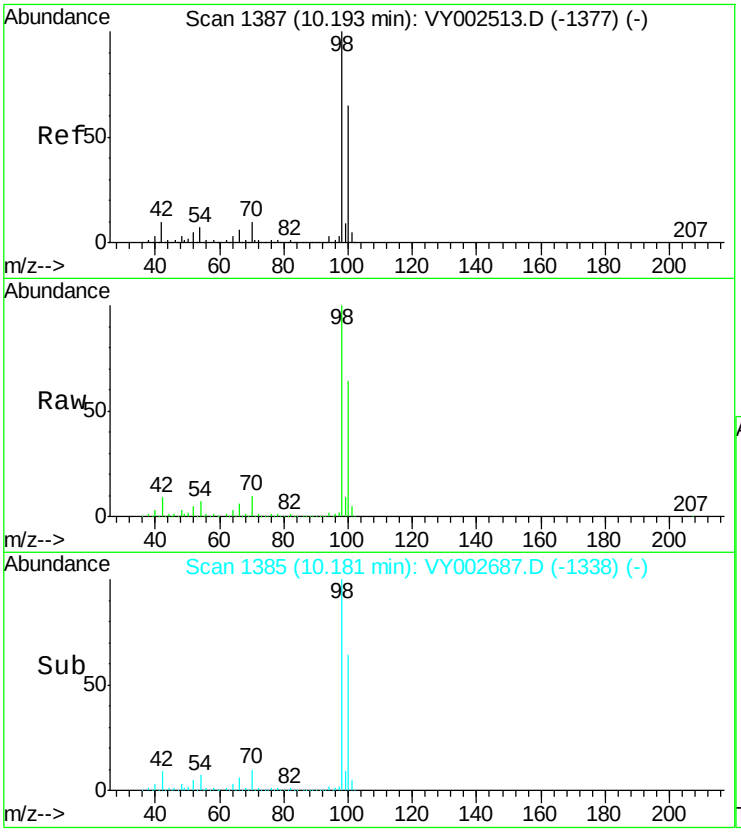


#35
Dibromofluoromethane
Concen: 51.926 ug/l
RT: 7.72 min Scan# 982
Delta R.T. -0.01 min
Lab File: VY002687.D
Acq: 13 May 2020 16:09

Tgt Ion:113 Resp: 142229

Ion	Ratio	Lower	Upper
113	100		
111	101.3	81.8	122.6
192	22.6	18.2	27.4



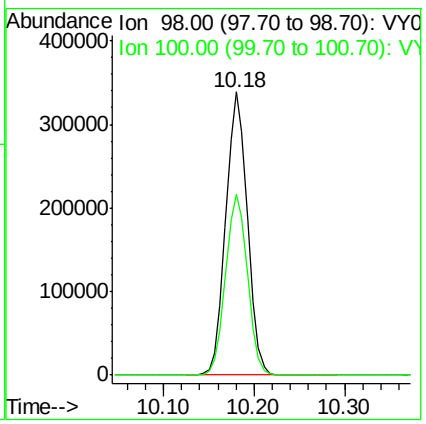


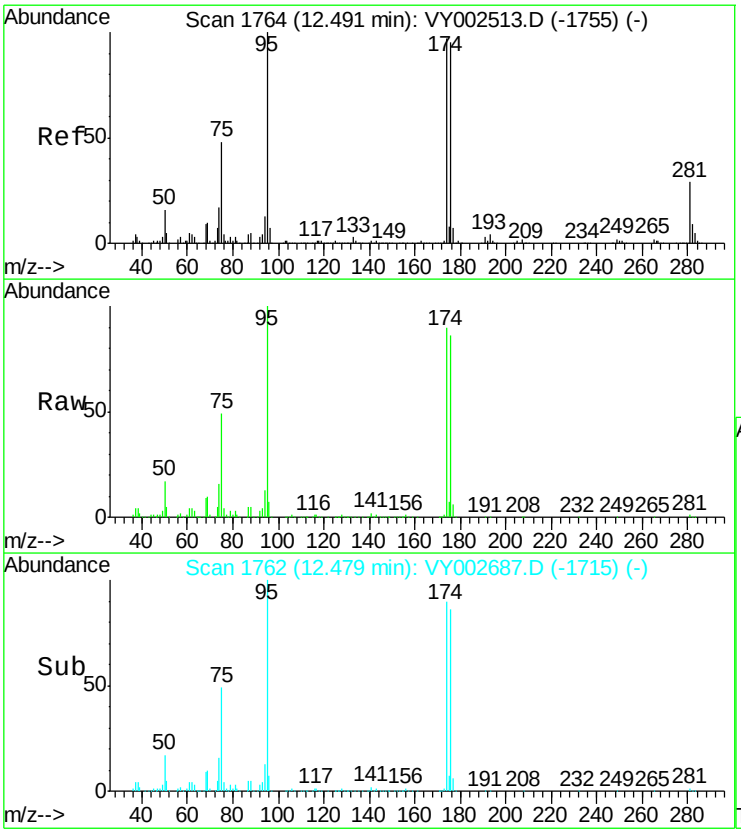
#50
Toluene-d8
Concen: 52.278 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.01 min
Lab File: VY002687.D
Acq: 13 May 2020 16:09

Instrument :
MSVOA_Y
ClientSampleId :
SUP-WZ2-G-2

Tgt Ion: 98 Resp: 559192

Ion	Ratio	Lower	Upper
98	100		
100	64.5	52.2	78.2

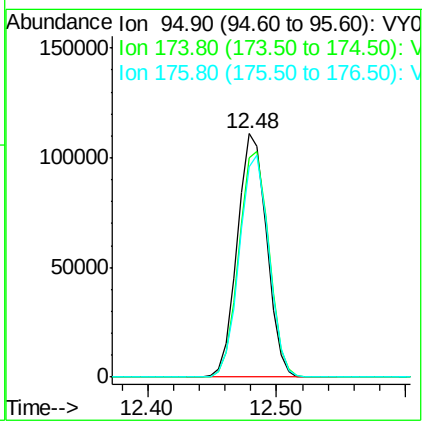


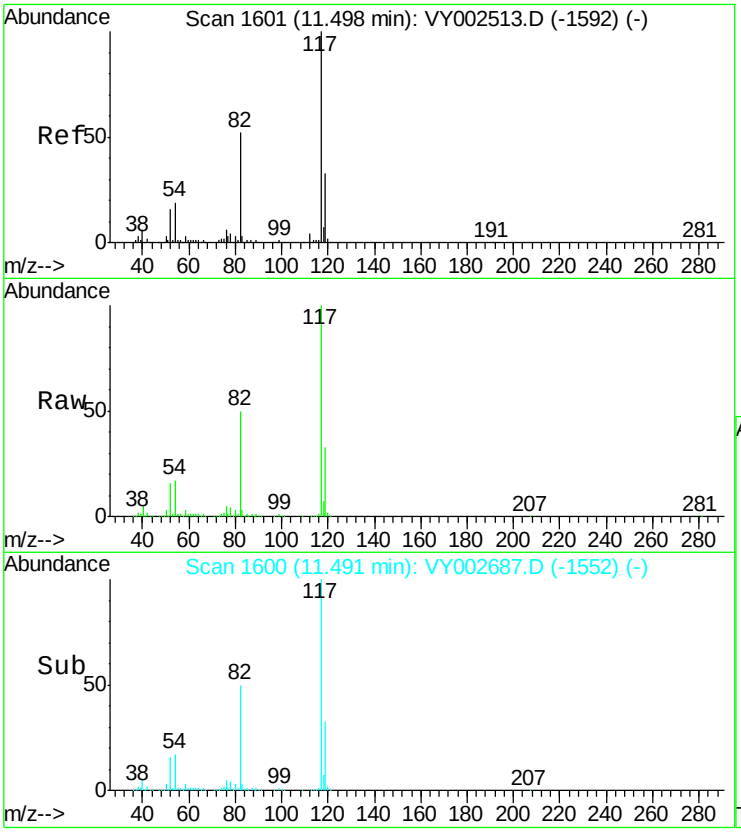


#62
4-Bromofluorobenzene
Concen: 48.157 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.01 min
Lab File: VY002687.D
Acq: 13 May 2020 16:09

Tgt Ion: 95 Resp: 174788

Ion	Ratio	Lower	Upper
95	100		
174	94.1	0.0	188.8
176	91.2	0.0	183.2



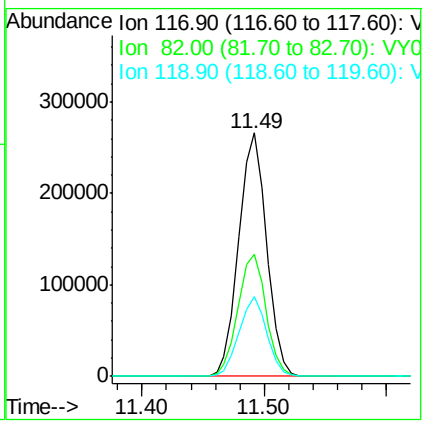


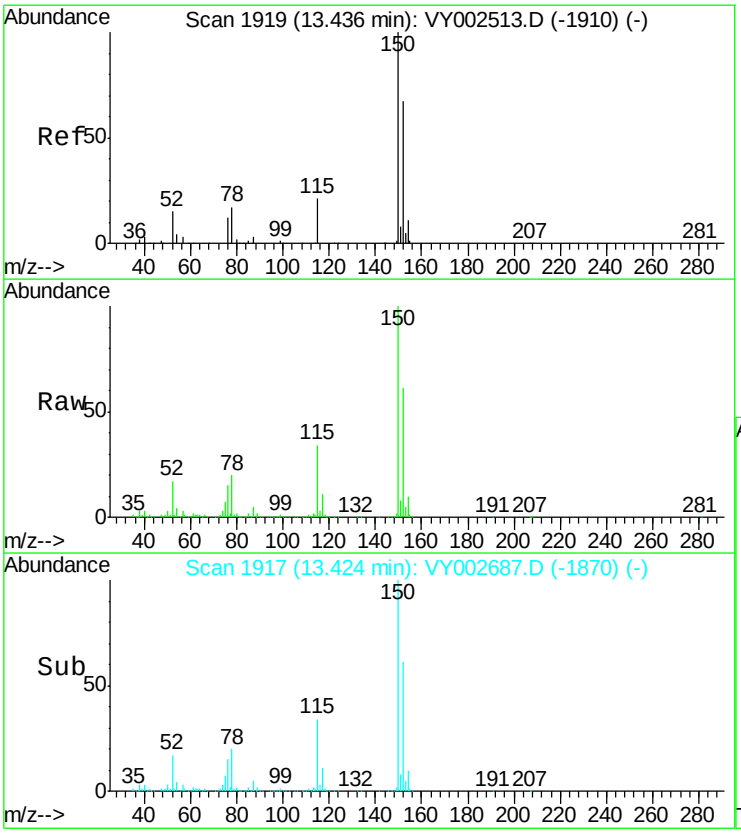
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY002687.D
Acq: 13 May 2020 16:09

Instrument :
MSVOA_Y
ClientSampleId :
SUP-WZ2-G-2

Tgt Ion:117 Resp: 420269

Ion	Ratio	Lower	Upper
117	100		
82	50.1	41.3	61.9
119	33.0	26.0	39.0

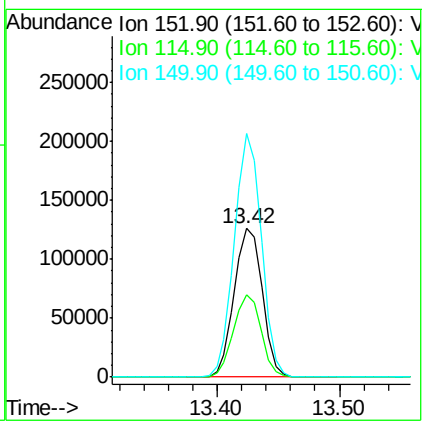


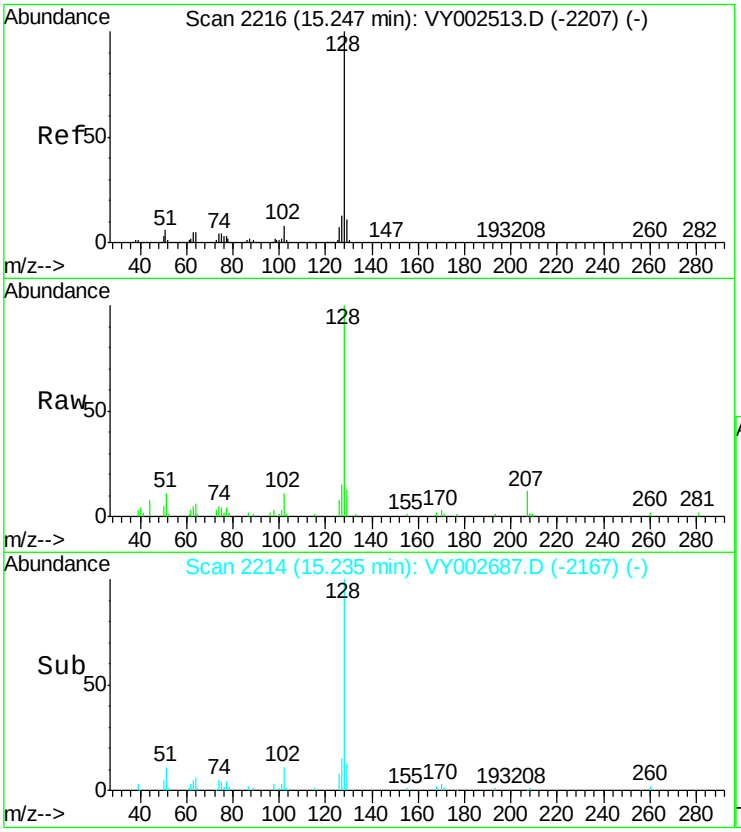


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.01 min
Lab File: VY002687.D
Acq: 13 May 2020 16:09

Tgt Ion:152 Resp: 200469

Ion	Ratio	Lower	Upper
152	100		
115	54.3	27.5	82.4
150	157.8	0.0	346.4





#95
Naphthalene
Concen: 1.515 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. -0.01 min
Lab File: VY002687.D
Acq: 13 May 2020 16:09

Instrument :
MSVOA_Y
ClientSampleId :
SUP-WZ2-G-2

Tgt Ion:128 Resp: 10998

Ion	Ratio	Lower	Upper
128	100		
127	11.9	10.5	15.7
129	12.1	8.8	13.2