Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY061020\
Data File : VY002876.D
Acq On : 10 Jun 2020 12:07
Operator : SY/MD
Sample : L2810-01
Misc : 7.10G/5ML/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : CL-02-060920

Quant Time: Jun 11 02:21:21 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y052720S.M
Quant Title : SW846 8260
QLast Update : Wed May 27 13:13:33 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	239940	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	389217	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	357919	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	166103	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	120491	57.84	ug/l	0.00
Spiked Amount 50.000			Recovery = 115.68%			
35) Dibromofluoromethane	7.72	113	119034	52.18	ug/l	0.00
Spiked Amount 50.000			Recovery = 104.36%			
50) Toluene-d8	10.18	98	456067	49.45	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.90%			
62) 4-Bromofluorobenzene	12.48	95	145752	46.24	ug/l	0.00
Spiked Amount 50.000			Recovery = 92.48%			
Target Compounds						Qvalue
16) Acetone	3.96	43	11062	22.644	ug/l	90
20) Methylene Chloride	4.73	84	17913	7.503	ug/l	90
25) 2-Butanone	7.00	43	3568	4.688	ug/l	95
68) m/p-Xylenes	11.70	106	4899	1.030	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	9733	1.095	ug/l	96
84) 1,2,4-Trimethylbenzene	13.12	105	14347	1.605	ug/l	95
95) Naphthalene	15.23	128	104970	14.588	ug/l	99

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

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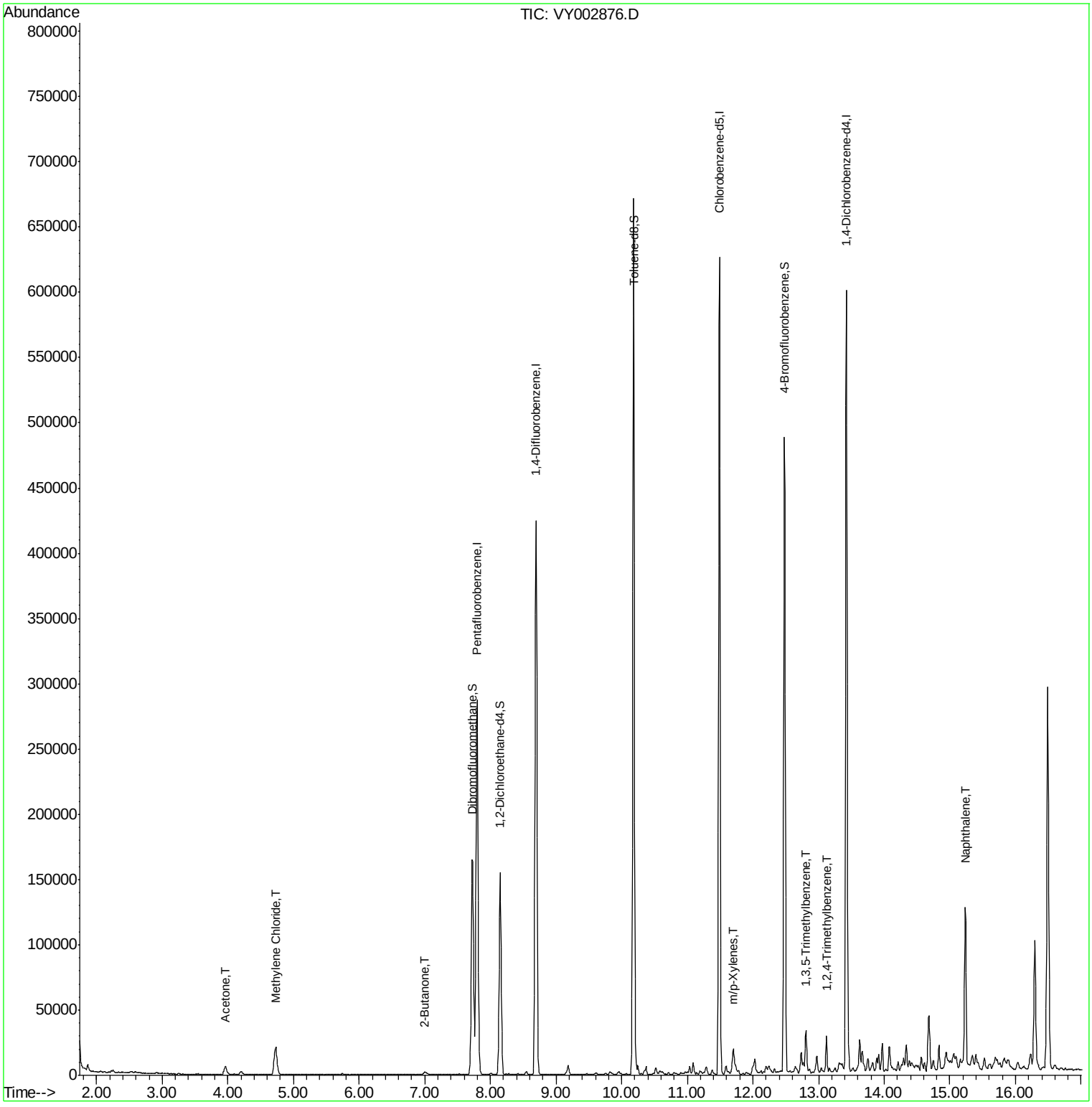
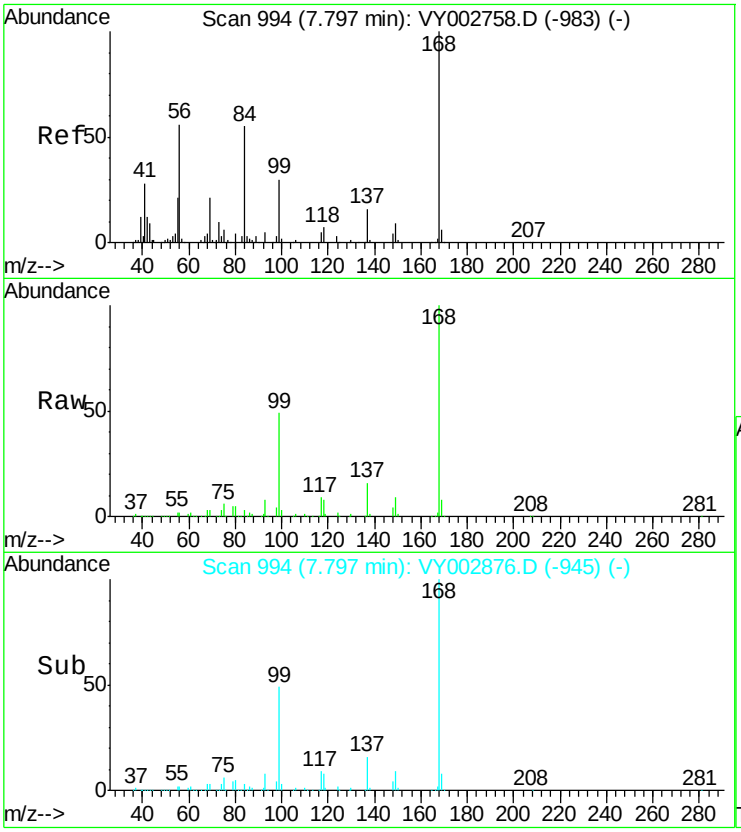


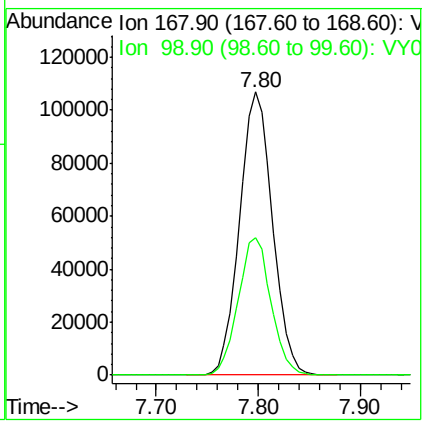


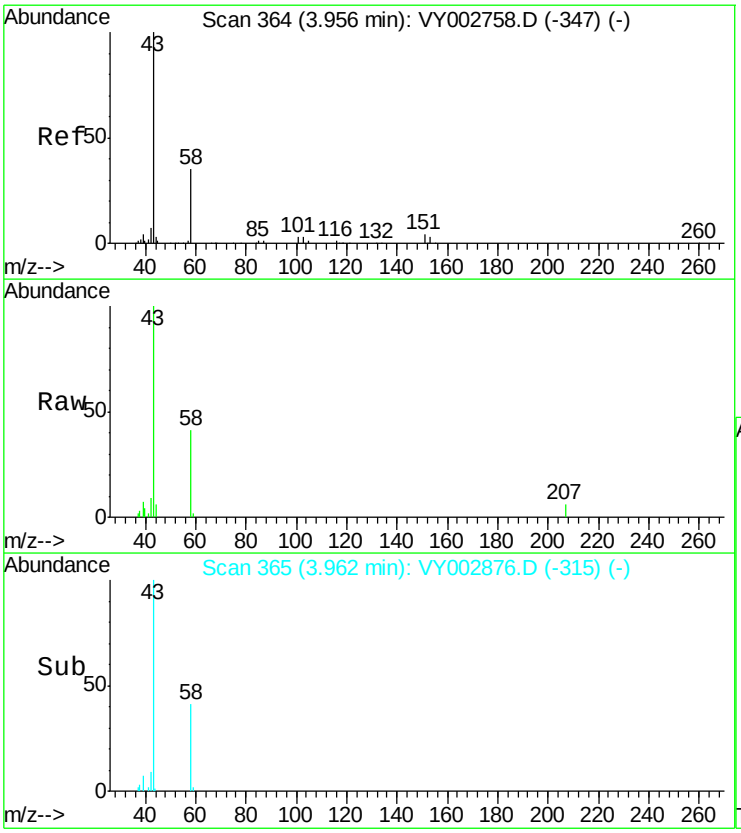
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.80 min Scan# 994
Delta R.T. 0.00 min
Lab File: VY002876.D
Acq: 10 Jun 2020 12:07

Instrument :
MSVOA_Y
ClientSampleId :
CL-02-060920

Tgt Ion:168 Resp: 239940

Ion	Ratio	Lower	Upper
168	100		
99	48.8	39.0	58.4

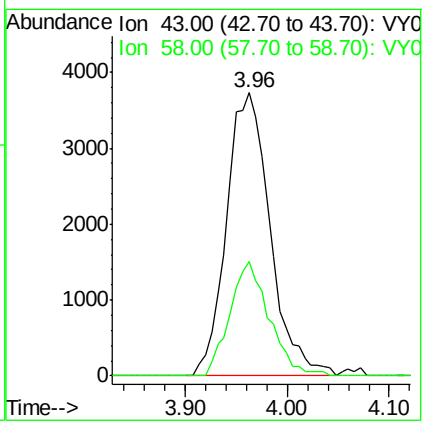


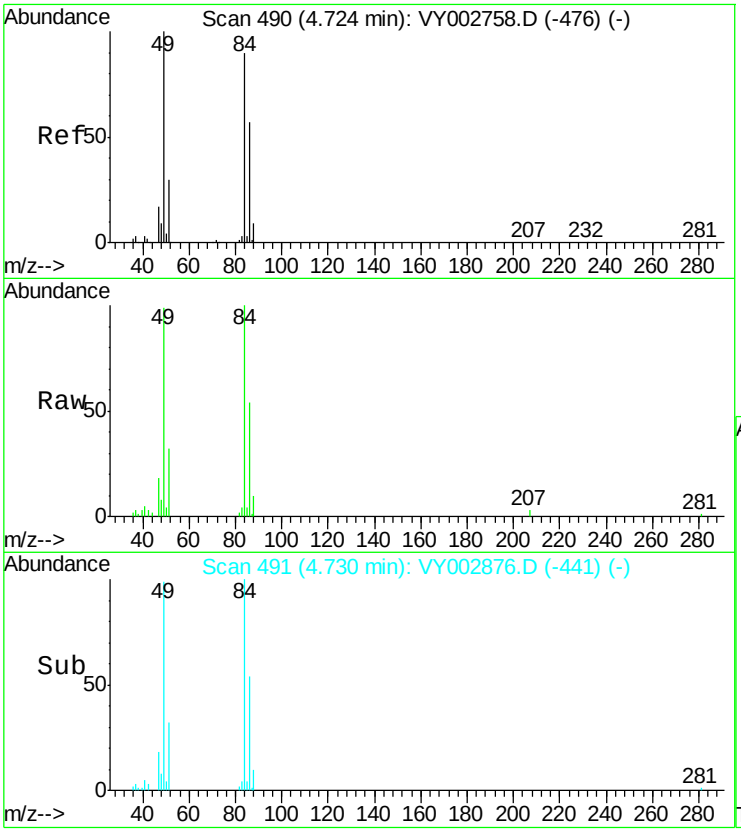


#16
Acetone
Concen: 22.644 ug/l
RT: 3.96 min Scan# 365
Delta R.T. 0.01 min
Lab File: VY002876.D
Acq: 10 Jun 2020 12:07

Tgt Ion: 43 Resp: 11062

Ion	Ratio	Lower	Upper
43	100		
58	40.6	27.7	41.5



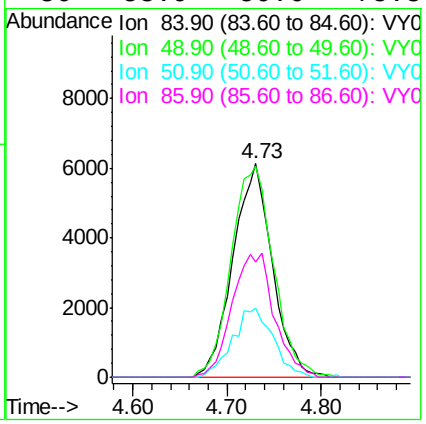


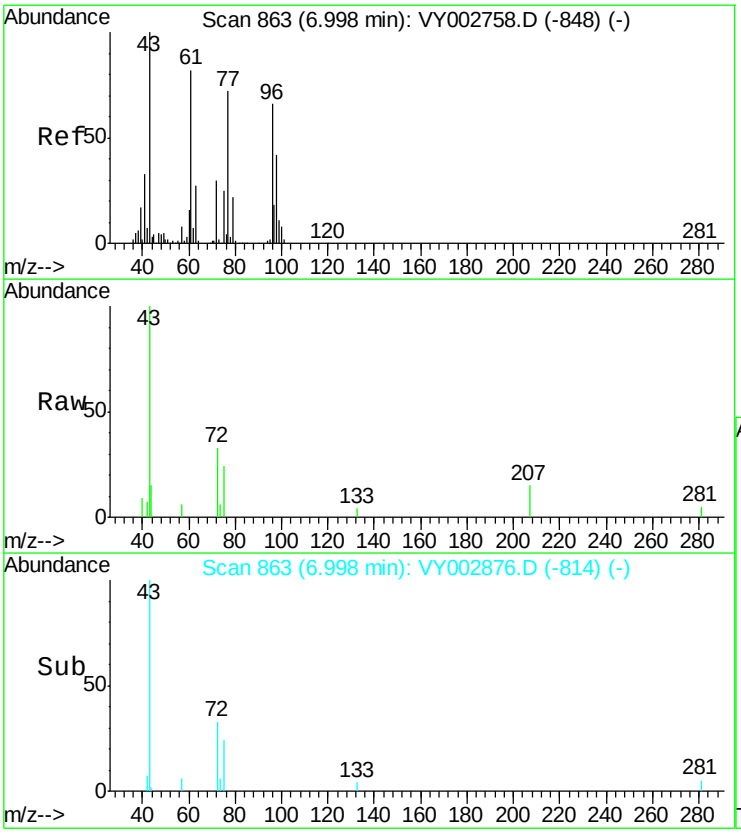
#20
Methylene Chloride
Concen: 7.503 ug/l
RT: 4.73 min Scan# 491
Delta R.T. 0.01 min
Lab File: VY002876.D
Acq: 10 Jun 2020 12:07

Instrument : MSVOA_Y
ClientSampleId : CL-02-060920

Tgt Ion: 84 Resp: 17913

Ion	Ratio	Lower	Upper
84	100		
49	98.7	88.5	132.7
51	32.3	26.8	40.2
86	53.9	50.6	75.8

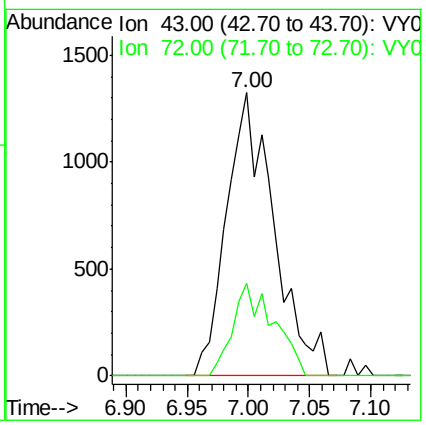


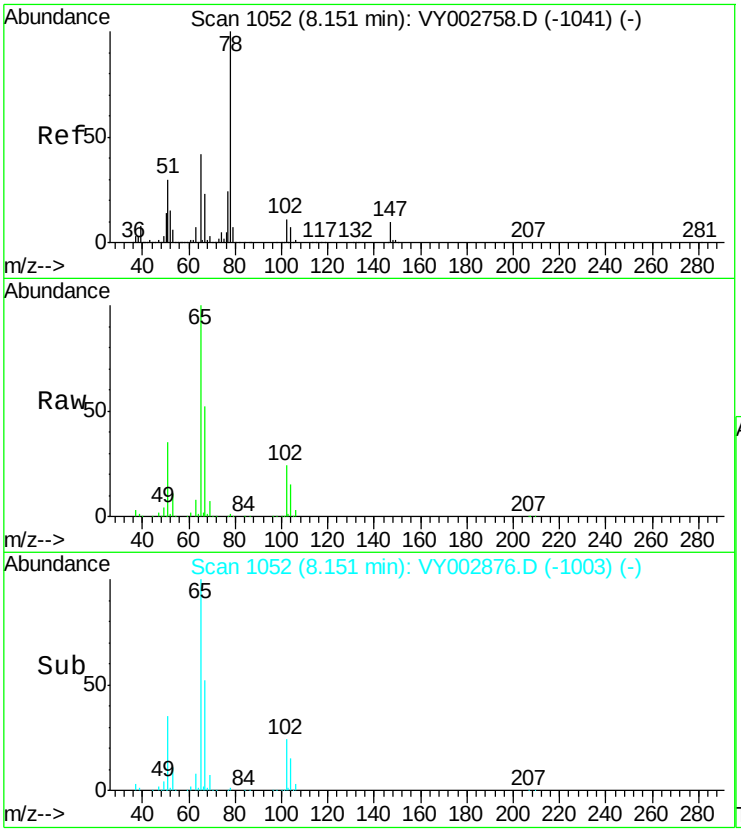


#25
2-Butanone
Concen: 4.688 ug/l
RT: 7.00 min Scan# 863
Delta R.T. 0.00 min
Lab File: VY002876.D
Acq: 10 Jun 2020 12:07

Tgt Ion: 43 Resp: 3568

Ion	Ratio	Lower	Upper
43	100		
72	32.6	23.9	35.9



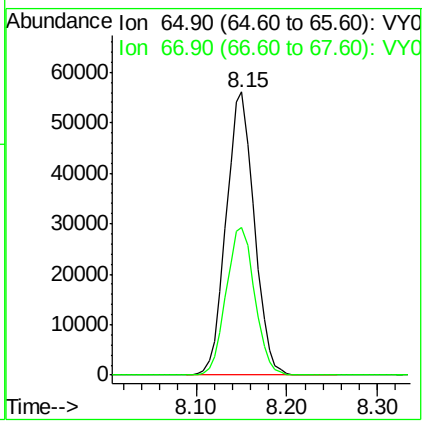


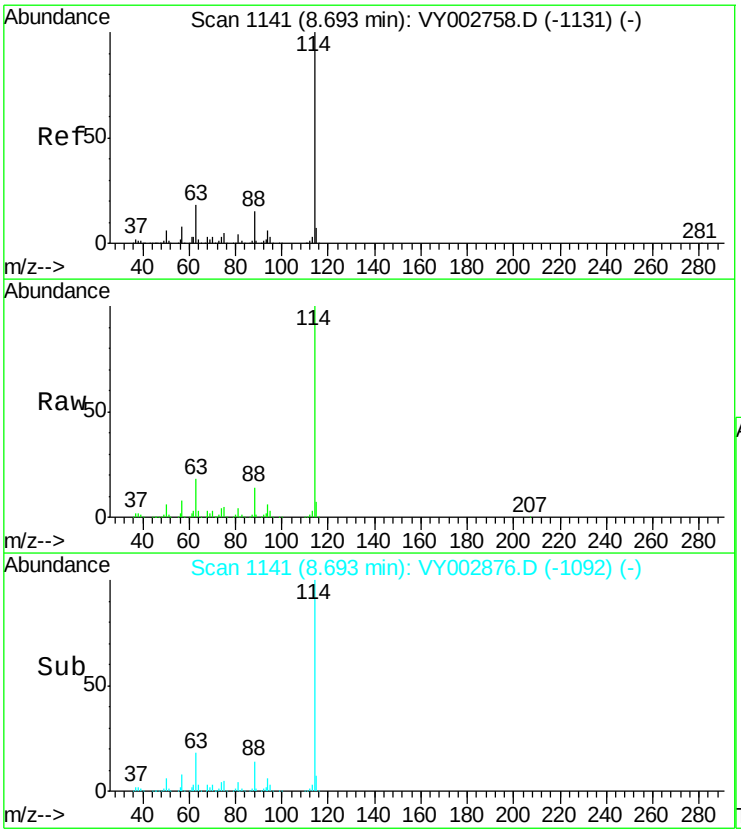
#33
1,2-Dichloroethane-d4
Concen: 57.835 ug/l
RT: 8.15 min Scan# 1052
Delta R.T. 0.00 min
Lab File: VY002876.D
Acq: 10 Jun 2020 12:07

Instrument :
MSVOA_Y
ClientSampleId :
CL-02-060920

Tgt Ion: 65 Resp: 120491

Ion	Ratio	Lower	Upper
65	100		
67	53.1	0.0	111.0

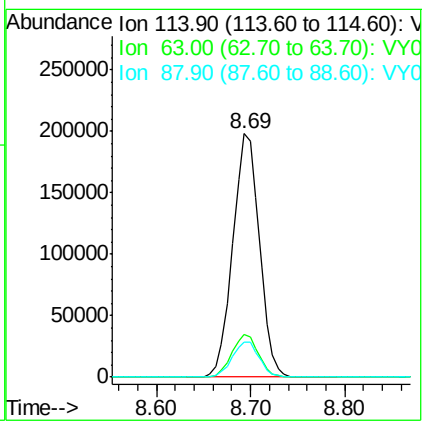


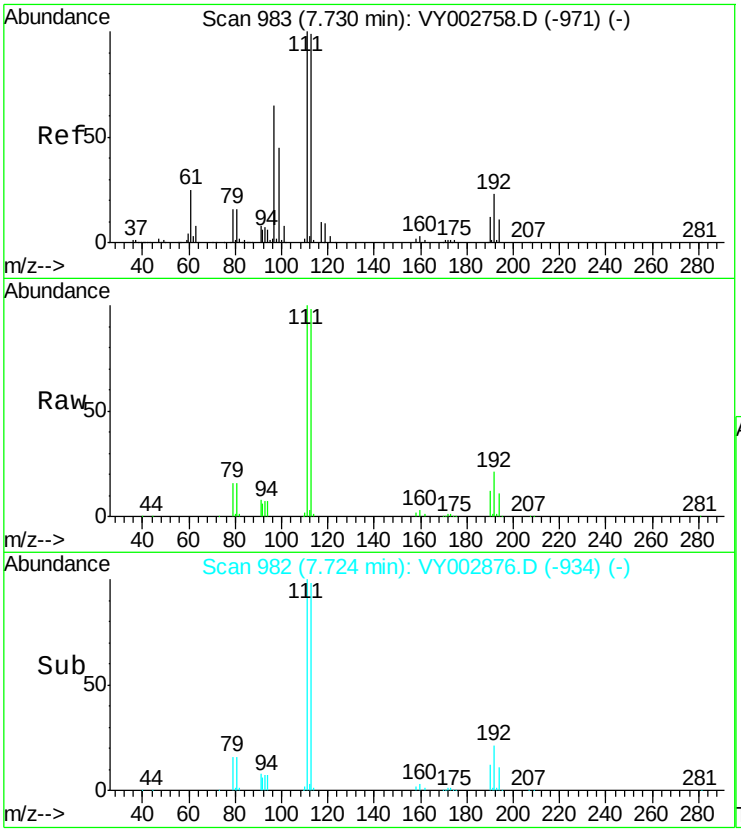


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.69 min Scan# 1141
Delta R.T. 0.00 min
Lab File: VY002876.D
Acq: 10 Jun 2020 12:07

Tgt Ion:114 Resp: 389217

Ion	Ratio	Lower	Upper
114	100		
63	17.5	0.0	35.2
88	14.4	0.0	29.2



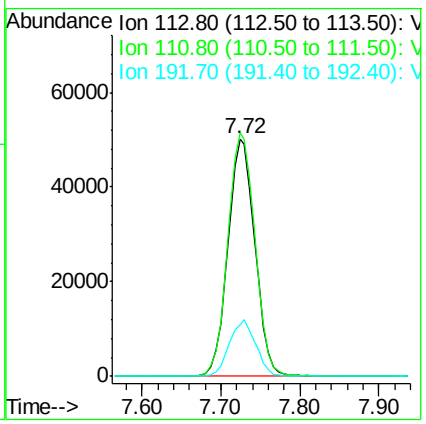


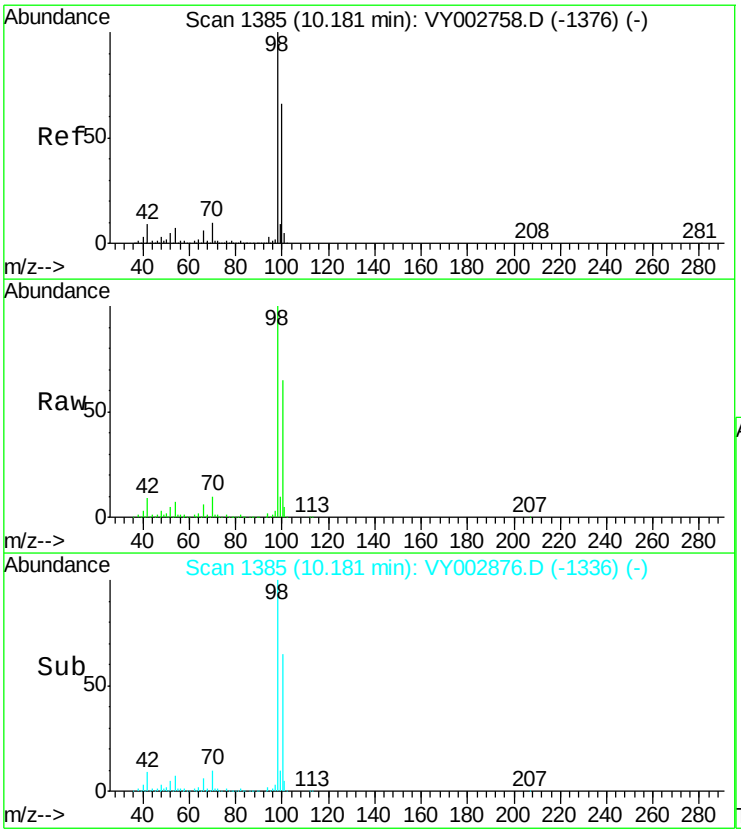
#35
Dibromofluoromethane
Concen: 52.185 ug/l
RT: 7.72 min Scan# 982
Delta R.T. -0.01 min
Lab File: VY002876.D
Acq: 10 Jun 2020 12:07

Instrument :
MSVOA_Y
ClientSampleId :
CL-02-060920

Tgt Ion:113 Resp: 119034

Ion	Ratio	Lower	Upper
113	100		
111	103.5	82.0	123.0
192	23.3	18.9	28.3

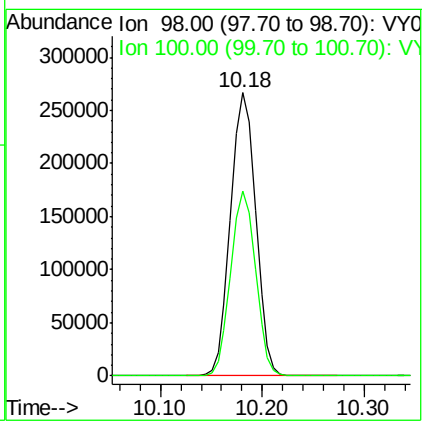


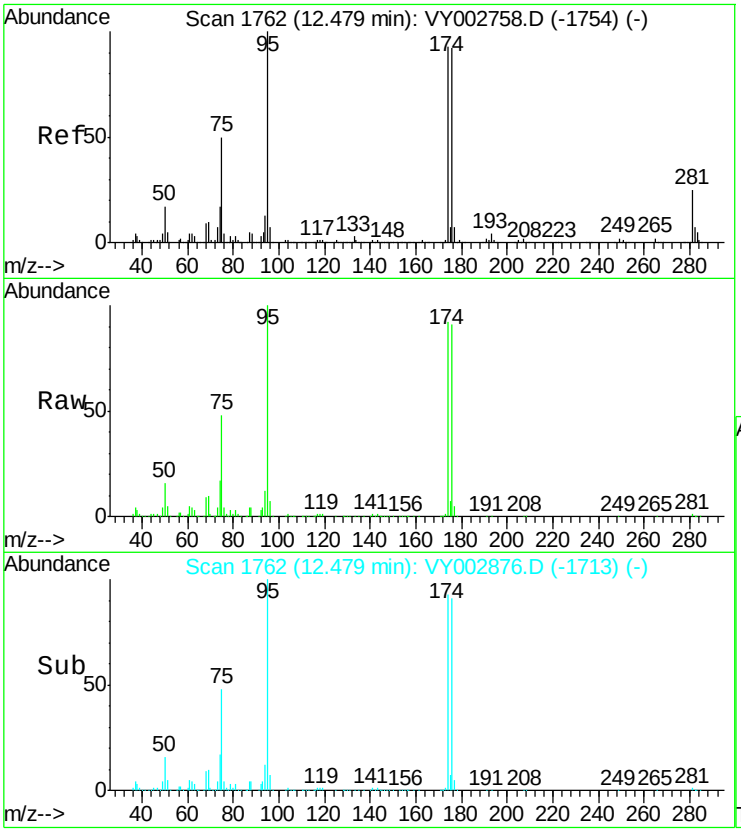


#50
Toluene-d8
Concen: 49.450 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY002876.D
Acq: 10 Jun 2020 12:07

Tgt Ion: 98 Resp: 456067

Ion	Ratio	Lower	Upper
98	100		
100	64.3	52.2	78.2



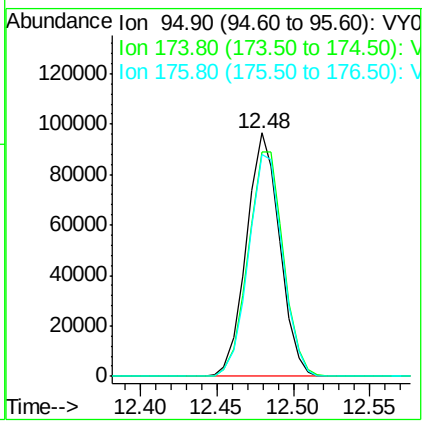


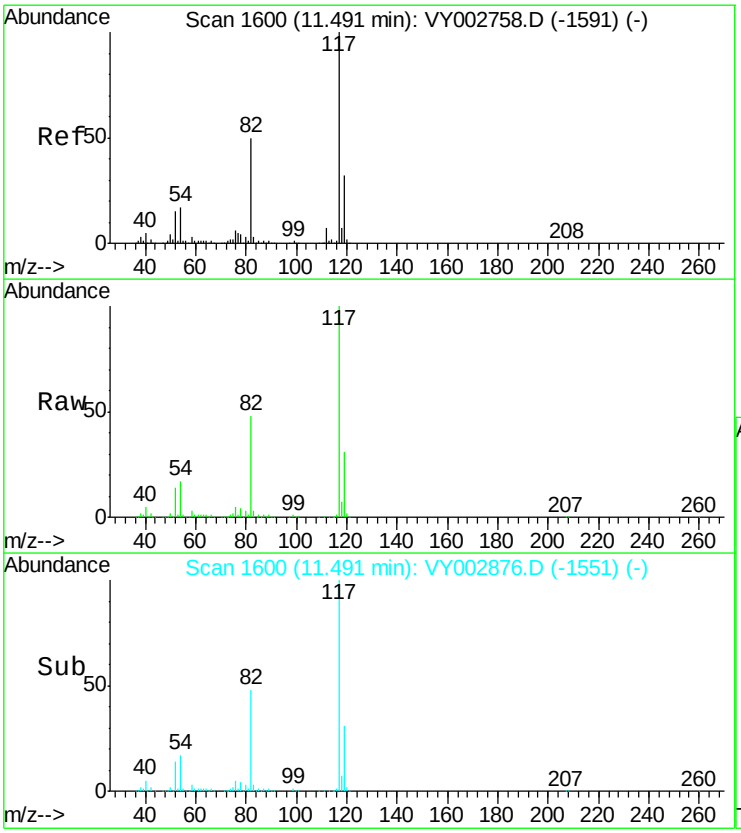
#62
4-Bromofluorobenzene
Concen: 46.243 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. 0.00 min
Lab File: VY002876.D
Acq: 10 Jun 2020 12:07

Instrument :
MSVOA_Y
ClientSampleId :
CL-02-060920

Tgt Ion: 95 Resp: 145752

Ion	Ratio	Lower	Upper
95	100		
174	97.3	0.0	191.2
176	93.8	0.0	188.8

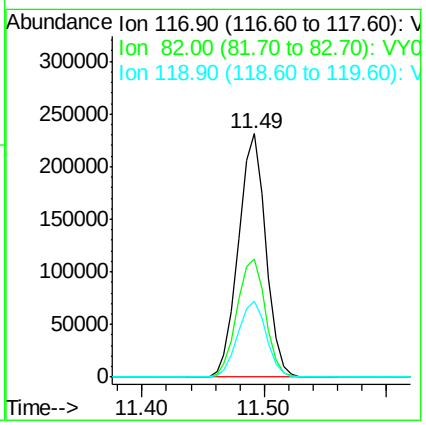


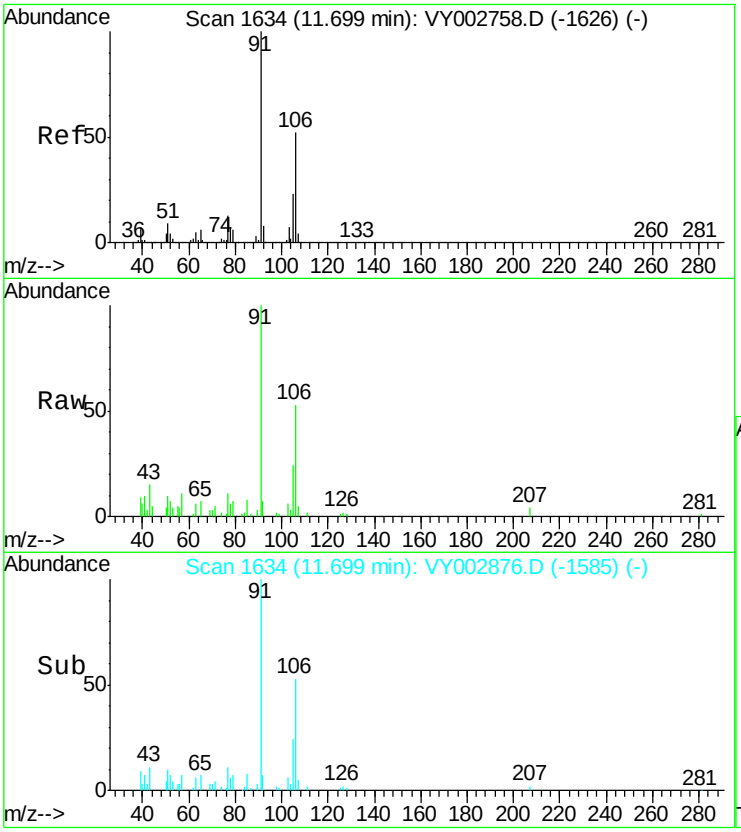


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY002876.D
Acq: 10 Jun 2020 12:07

Tgt Ion:117 Resp: 357919

Ion	Ratio	Lower	Upper
117	100		
82	48.4	40.2	60.4
119	31.4	25.8	38.8



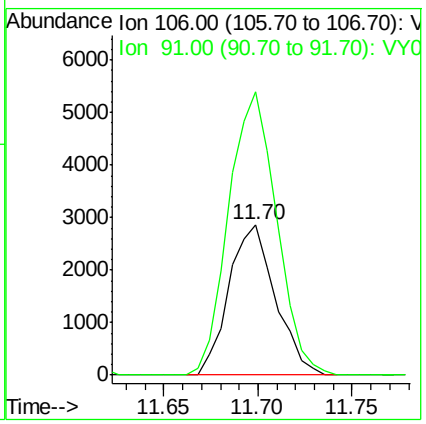


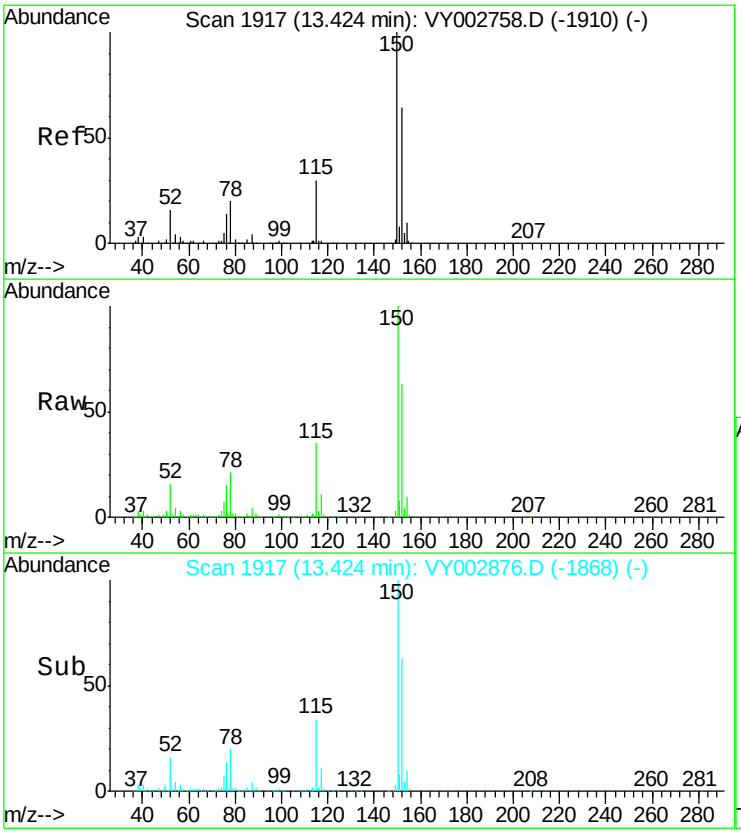
#68
m/p-Xylenes
Concen: 1.030 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. 0.00 min
Lab File: VY002876.D
Acq: 10 Jun 2020 12:07

Instrument :
MSVOA_Y
ClientSampleId :
CL-02-060920

Tgt Ion:106 Resp: 4899

Ion	Ratio	Lower	Upper
106	100		
91	194.0	156.0	234.0

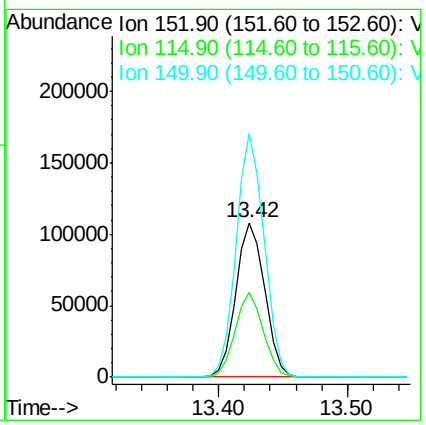


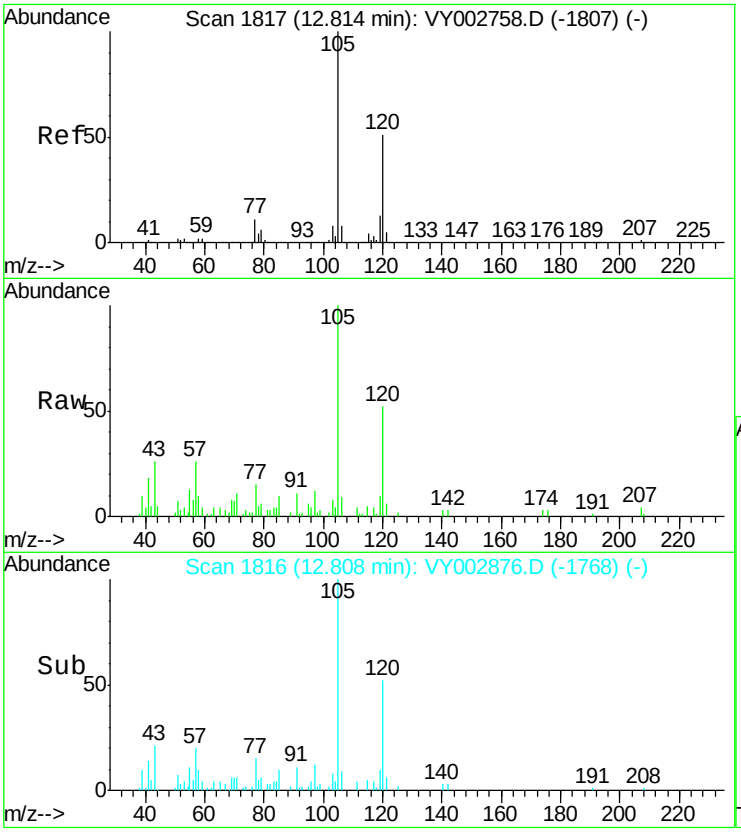


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY002876.D
Acq: 10 Jun 2020 12:07

Tgt Ion:152 Resp: 166103

Ion	Ratio	Lower	Upper
152	100		
115	54.1	27.0	81.0
150	153.9	0.0	344.8



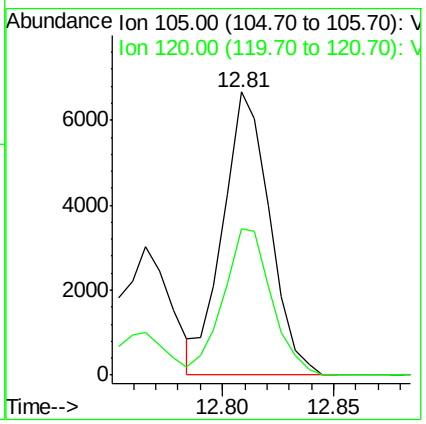


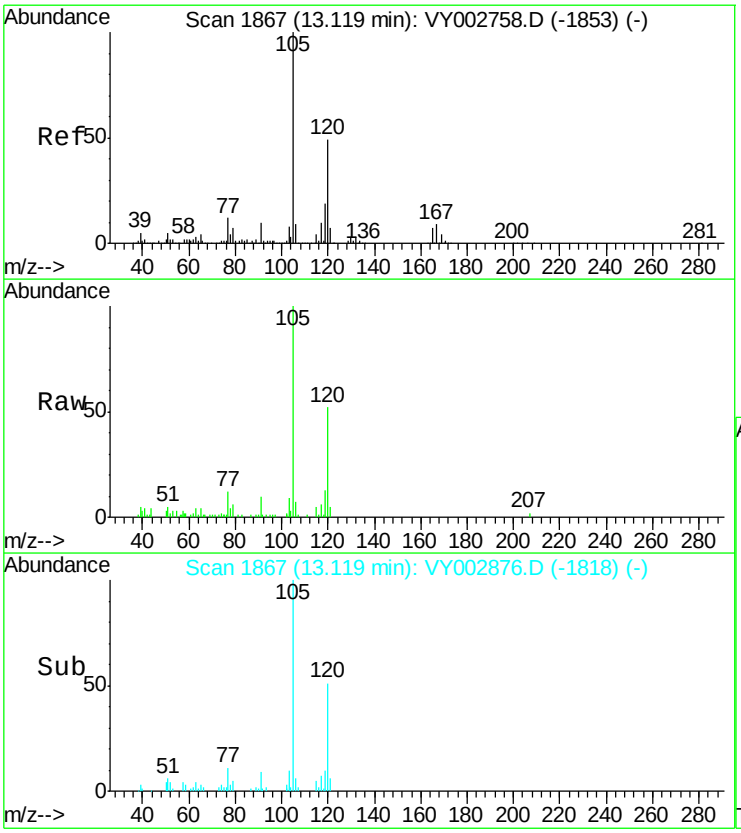
#80
1,3,5-Trimethylbenzene
Concen: 1.095 ug/l
RT: 12.81 min Scan# 1816
Delta R.T. -0.01 min
Lab File: VY002876.D
Acq: 10 Jun 2020 12:07

Instrument :
MSVOA_Y
ClientSampleId :
CL-02-060920

Tgt Ion:105 Resp: 9733

Ion	Ratio	Lower	Upper
105	100		
120	53.3	25.3	75.8

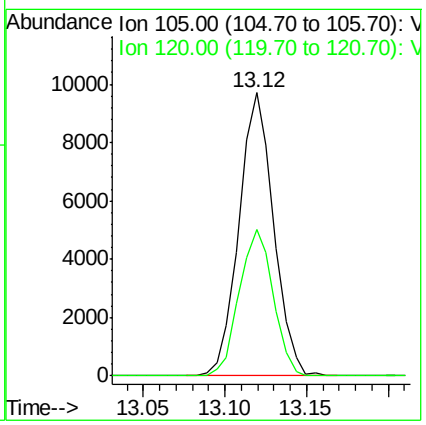


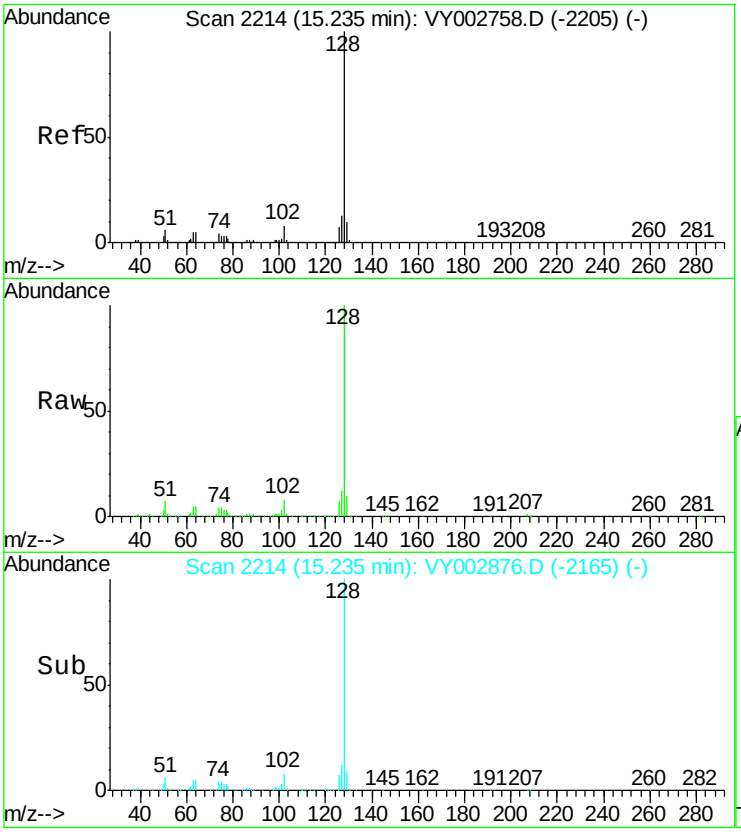


#84
1,2,4-Trimethylbenzene
Concen: 1.605 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VY002876.D
Acq: 10 Jun 2020 12:07

Tgt Ion:105 Resp: 14347

Ion	Ratio	Lower	Upper
105	100		
120	50.7	23.6	70.8





#95
Naphthalene
Concen: 14.588 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.00 min
Lab File: VY002876.D
Acq: 10 Jun 2020 12:07

Instrument :
MSVOA_Y
ClientSampleId :
CL-02-060920

Tgt Ion:128 Resp: 104970

Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.3	15.5
129	11.4	8.7	13.1