Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY072020\
Data File : VY003233.D
Acq On : 20 Jul 2020 15:49
Operator : SY/MD
Sample : L3188-13
Misc : 7.65G/5ML/MSVOA Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : TR-04-071620

Quant Time: Jul 21 04:37:35 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y071020S.M
Quant Title : SW846 8260
QLast Update : Fri Jul 10 13:18:03 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	263891	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	406147	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	342834	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	134468	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	140670	63.16	ug/l	0.00
Spiked Amount 50.000			Recovery = 126.32%			
35) Dibromofluoromethane	7.72	113	124237	53.15	ug/l	0.00
Spiked Amount 50.000			Recovery = 106.30%			
50) Toluene-d8	10.18	98	477898	55.00	ug/l	0.00
Spiked Amount 50.000			Recovery = 110.00%			
62) 4-Bromofluorobenzene	12.48	95	138212	44.03	ug/l	0.00
Spiked Amount 50.000			Recovery = 88.06%			
Target Compounds						Qvalue
3) Chloromethane	2.12	50	4305	1.641	ug/l	97
16) Acetone	3.96	43	17848	35.874	ug/l	94
20) Methylene Chloride	4.72	84	41753	12.565	ug/l	86
25) 2-Butanone	7.00	43	5052	6.185	ug/l	98
80) 1,3,5-Trimethylbenzene	12.81	105	12368	1.732	ug/l	100
84) 1,2,4-Trimethylbenzene	13.12	105	28161	3.919	ug/l	95
95) Naphthalene	15.23	128	8212	1.927	ug/l #	96

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

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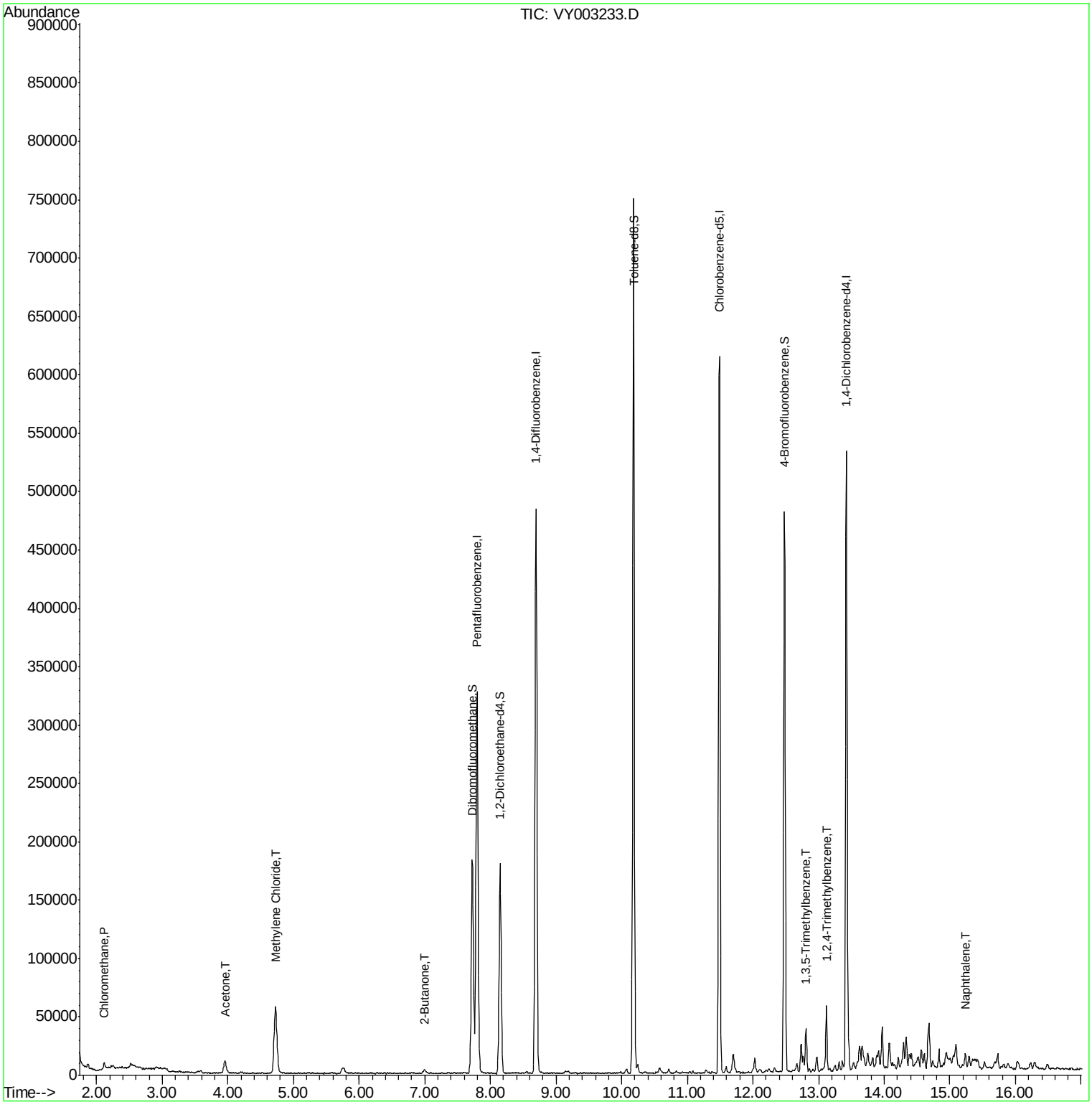
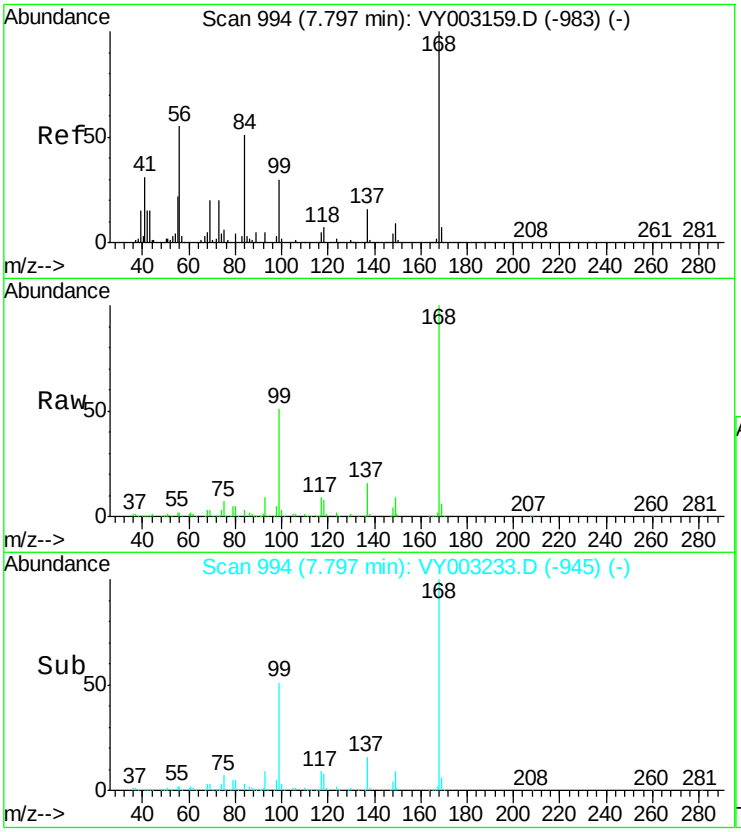


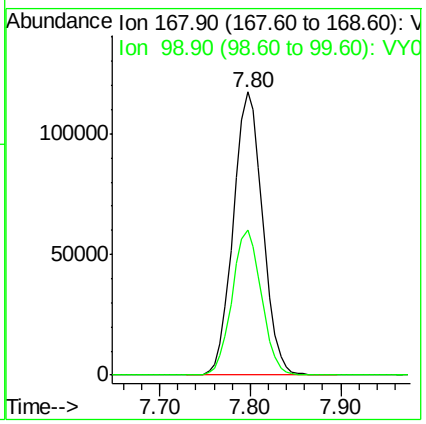


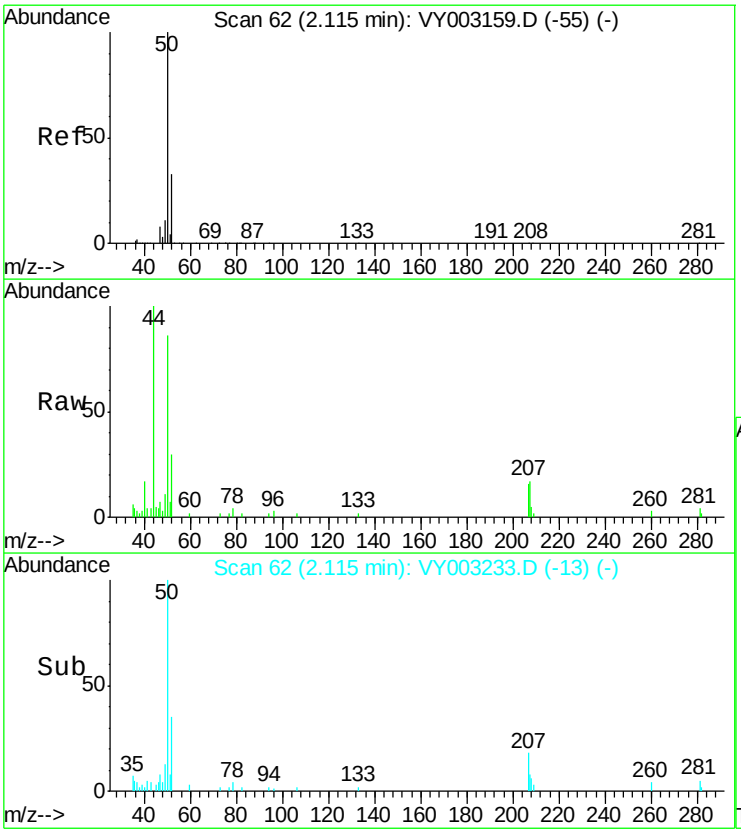
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.80 min Scan# 994
Delta R.T. 0.00 min
Lab File: VY003233.D
Acq: 20 Jul 2020 15:49

Instrument :
MSVOA_Y
ClientSampleId :
TR-04-071620

Tgt Ion:168 Resp: 263891

Ion	Ratio	Lower	Upper
168	100		
99	51.5	37.3	55.9

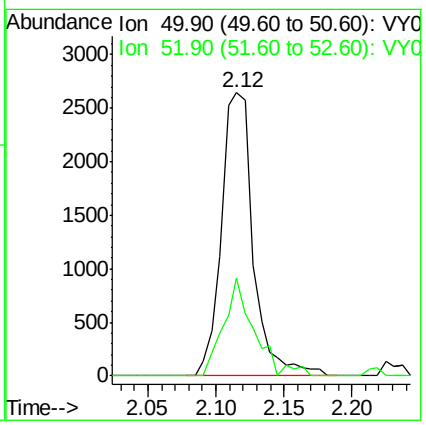


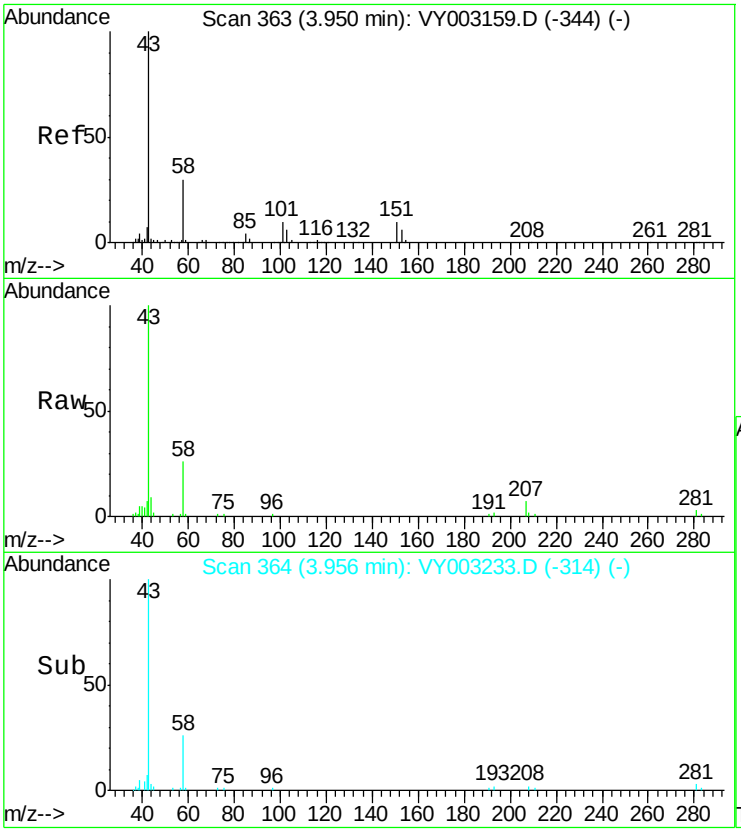


#3
Chloromethane
Concen: 1.641 ug/l
RT: 2.12 min Scan# 62
Delta R.T. 0.00 min
Lab File: VY003233.D
Acq: 20 Jul 2020 15:49

Tgt Ion: 50 Resp: 4305

Ion	Ratio	Lower	Upper
50	100		
52	34.7	26.6	39.8



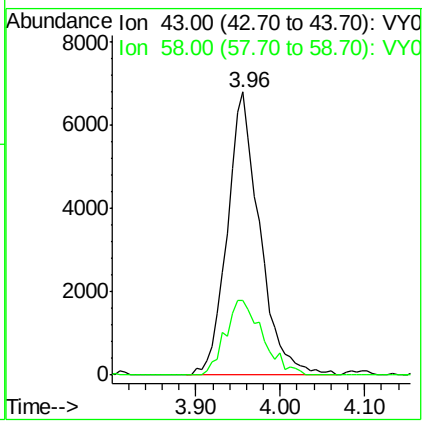


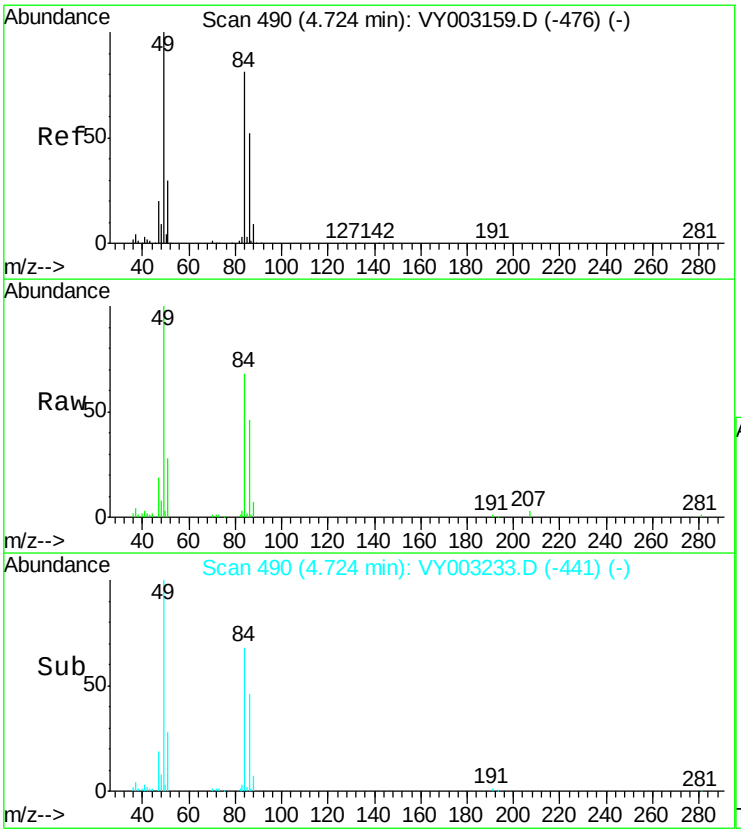
#16
Acetone
Concen: 35.874 ug/l
RT: 3.96 min Scan# 364
Delta R.T. 0.01 min
Lab File: VY003233.D
Acq: 20 Jul 2020 15:49

Instrument : MSVOA_Y
ClientSampleId : TR-04-071620

Tgt Ion: 43 Resp: 17848

Ion	Ratio	Lower	Upper
43	100		
58	26.3	23.8	35.6

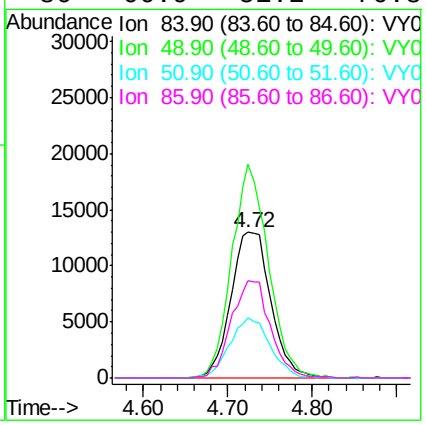


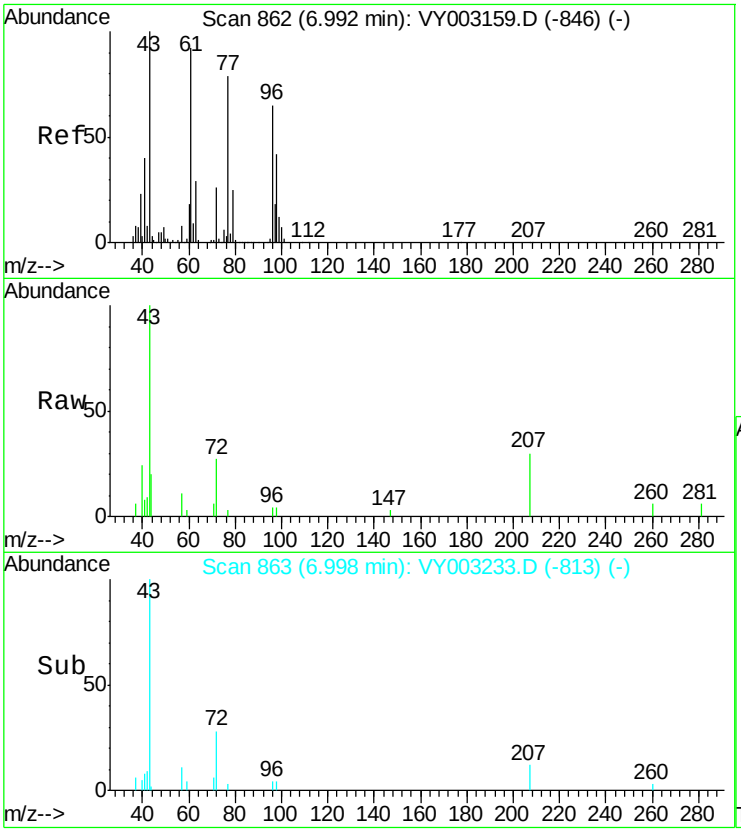


#20
Methylene Chloride
Concen: 12.565 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY003233.D
Acq: 20 Jul 2020 15:49

Tgt Ion: 84 Resp: 41753

Ion	Ratio	Lower	Upper
84	100		
49	146.6	98.2	147.4
51	41.4	29.8	44.6
86	66.9	51.2	76.8



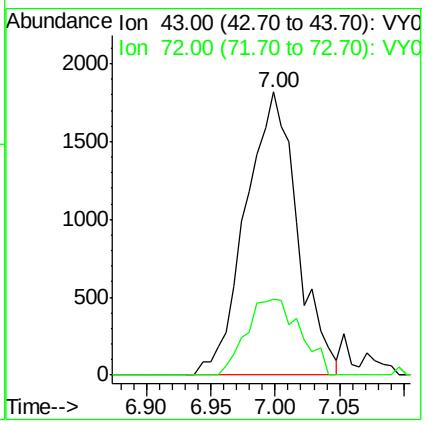


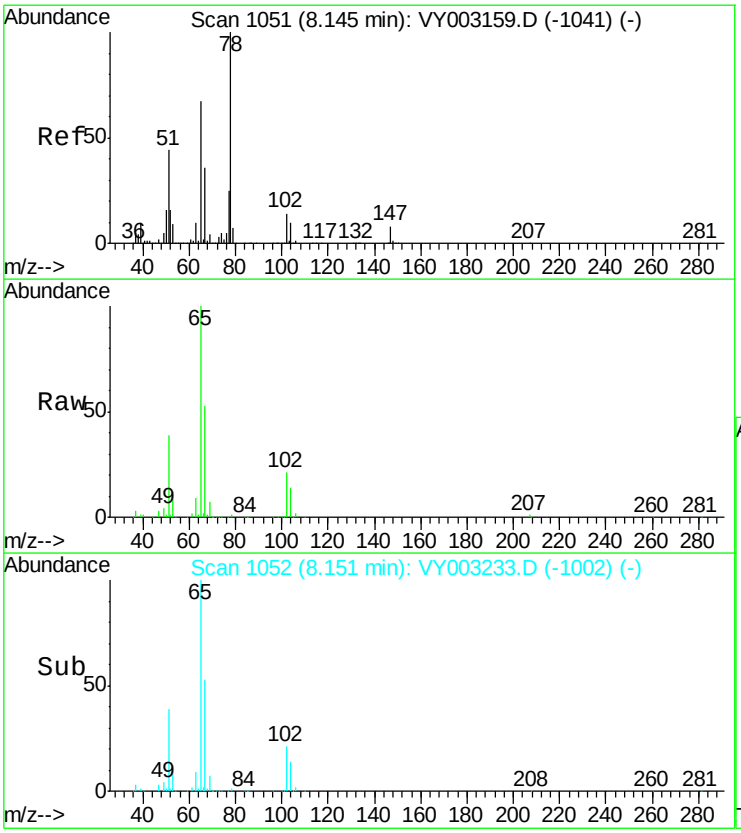
#25
2-Butanone
Concen: 6.185 ug/l
RT: 7.00 min Scan# 863
Delta R.T. 0.01 min
Lab File: VY003233.D
Acq: 20 Jul 2020 15:49

Instrument :
MSVOA_Y
ClientSampleId :
TR-04-071620

Tgt Ion: 43 Resp: 5052

Ion	Ratio	Lower	Upper
43	100		
72	27.0	20.9	31.3

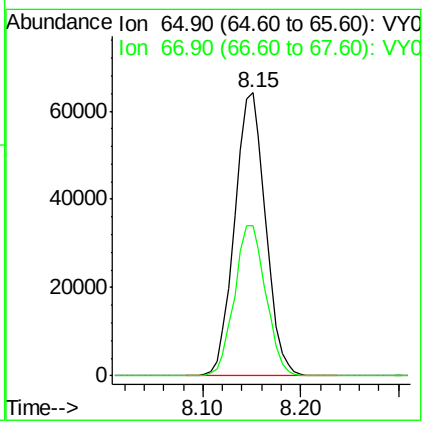


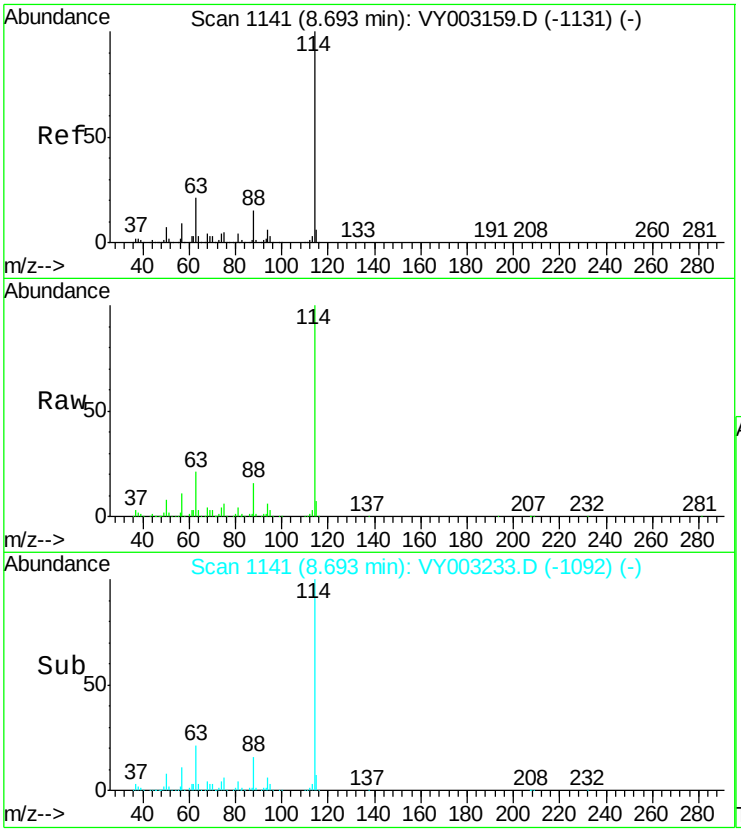


#33
1,2-Dichloroethane-d4
Concen: 63.156 ug/l
RT: 8.15 min Scan# 1052
Delta R.T. 0.01 min
Lab File: VY003233.D
Acq: 20 Jul 2020 15:49

Tgt Ion: 65 Resp: 140670

Ion	Ratio	Lower	Upper
65	100		
67	53.7	0.0	105.2



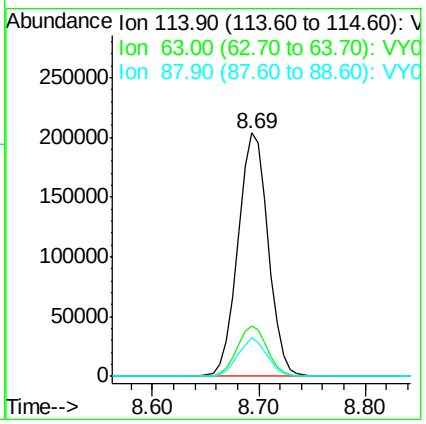


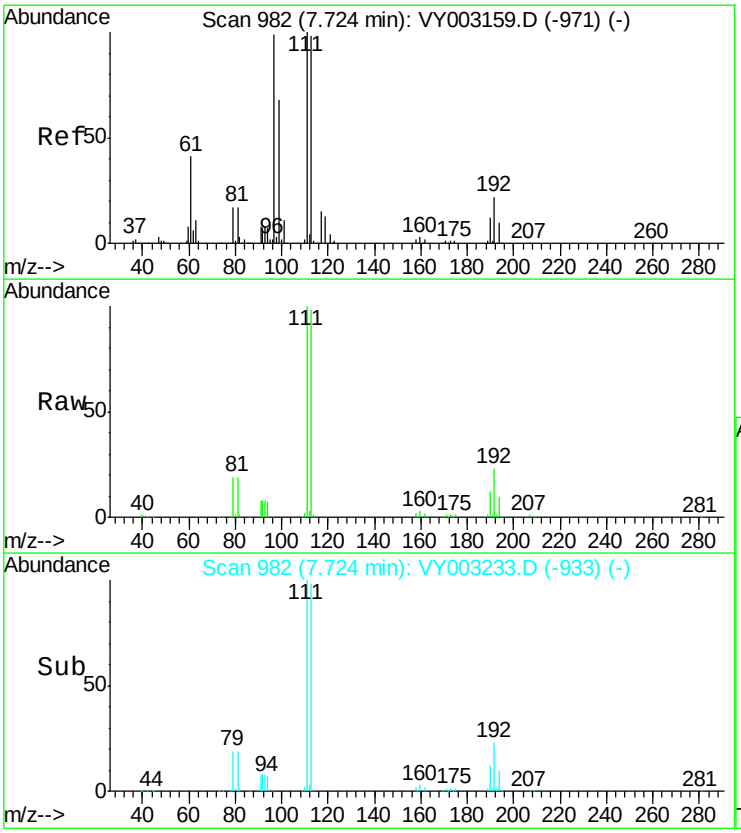
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.69 min Scan# 1141
Delta R.T. 0.00 min
Lab File: VY003233.D
Acq: 20 Jul 2020 15:49

Instrument :
MSVOA_Y
ClientSampleId :
TR-04-071620

Tgt Ion:114 Resp: 406147

Ion	Ratio	Lower	Upper
114	100		
63	20.6	0.0	41.2
88	15.9	0.0	30.2

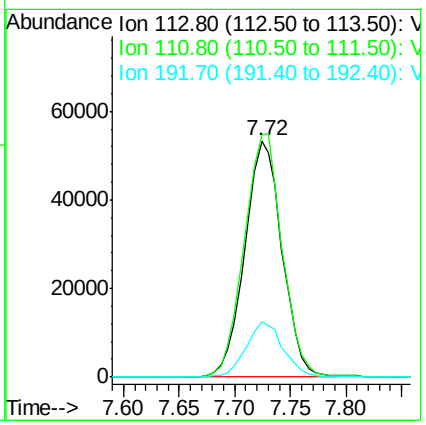


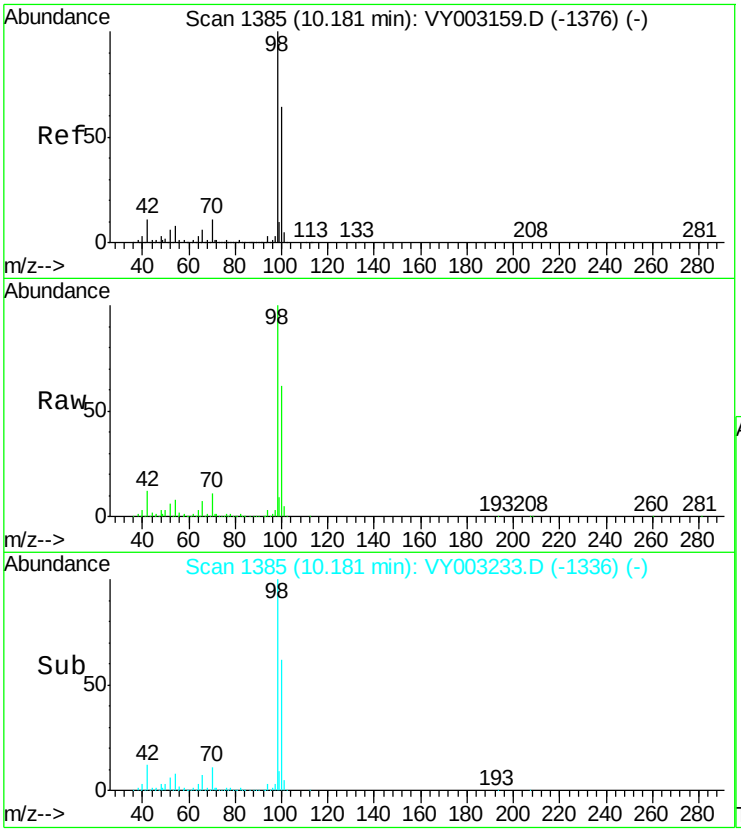


#35
Dibromofluoromethane
Concen: 53.155 ug/l
RT: 7.72 min Scan# 982
Delta R.T. 0.00 min
Lab File: VY003233.D
Acq: 20 Jul 2020 15:49

Tgt Ion:113 Resp: 124237

Ion	Ratio	Lower	Upper
113	100		
111	104.9	82.1	123.1
192	23.2	18.8	28.2



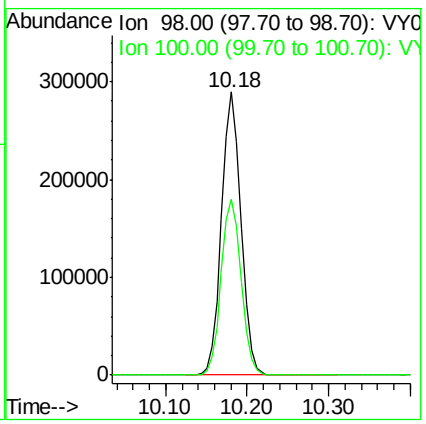


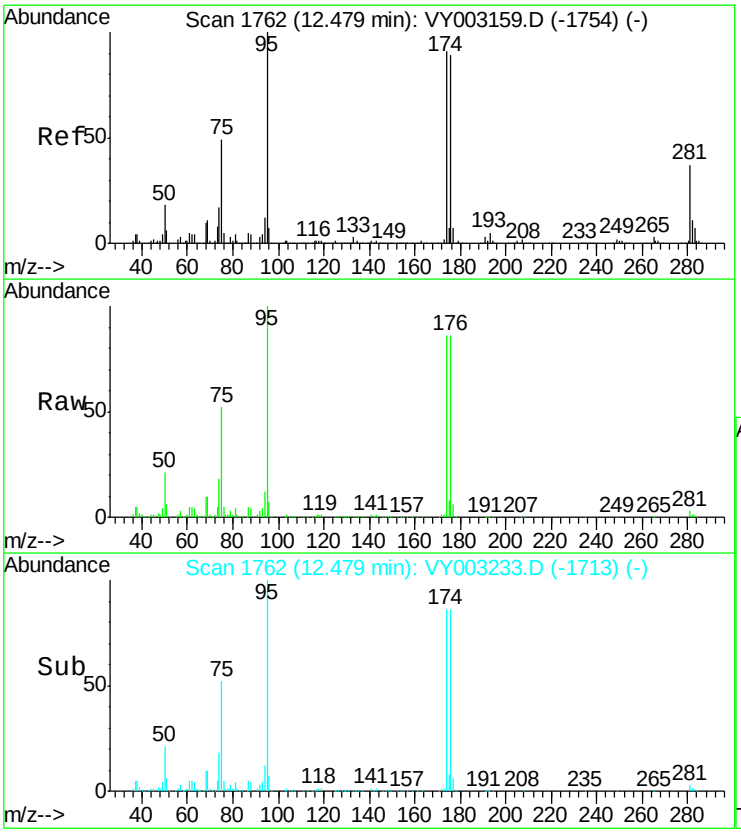
#50
Toluene-d8
Concen: 54.996 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY003233.D
Acq: 20 Jul 2020 15:49

Instrument : MSVOA_Y
ClientSampleId : TR-04-071620

Tgt Ion: 98 Resp: 477898

Ion	Ratio	Lower	Upper
98	100		
100	63.7	50.7	76.1

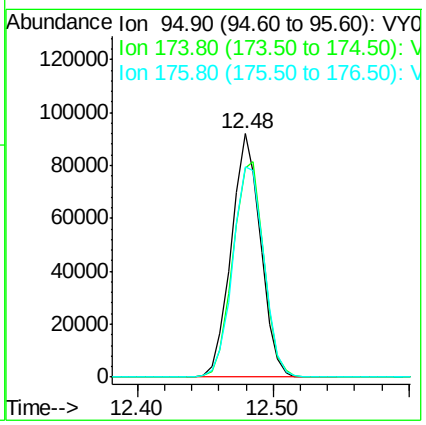


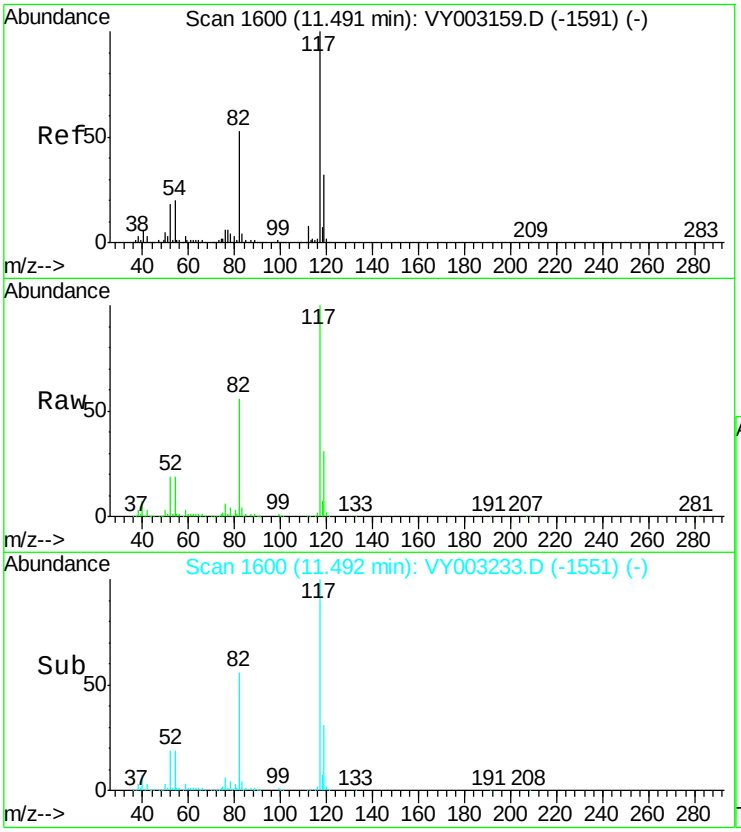


#62
4-Bromofluorobenzene
Concen: 44.028 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. 0.00 min
Lab File: VY003233.D
Acq: 20 Jul 2020 15:49

Tgt Ion: 95 Resp: 138212

Ion	Ratio	Lower	Upper
95	100		
174	92.6	0.0	190.6
176	91.5	0.0	186.4



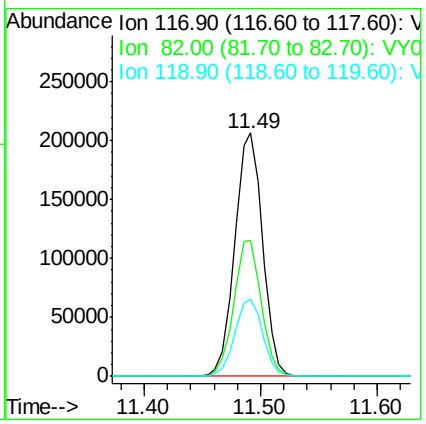


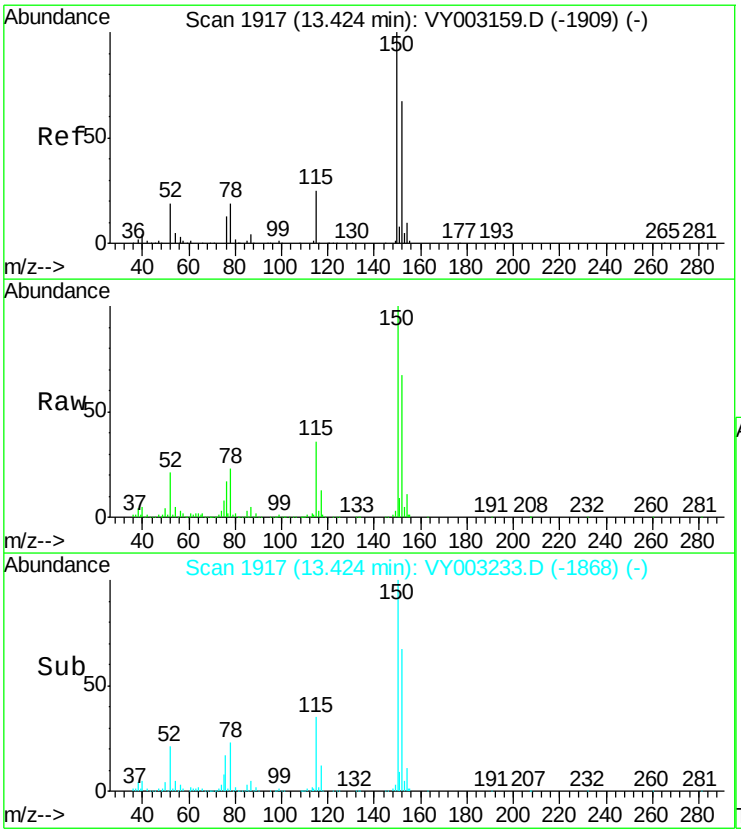
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY003233.D
Acq: 20 Jul 2020 15:49

Instrument :
MSVOA_Y
ClientSampleId :
TR-04-071620

Tgt Ion:117 Resp: 342834

Ion	Ratio	Lower	Upper
117	100		
82	55.8	42.0	63.0
119	31.5	25.5	38.3

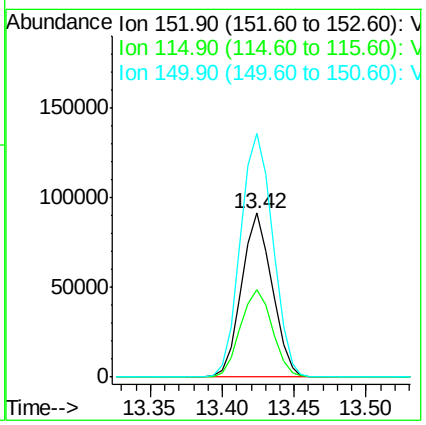


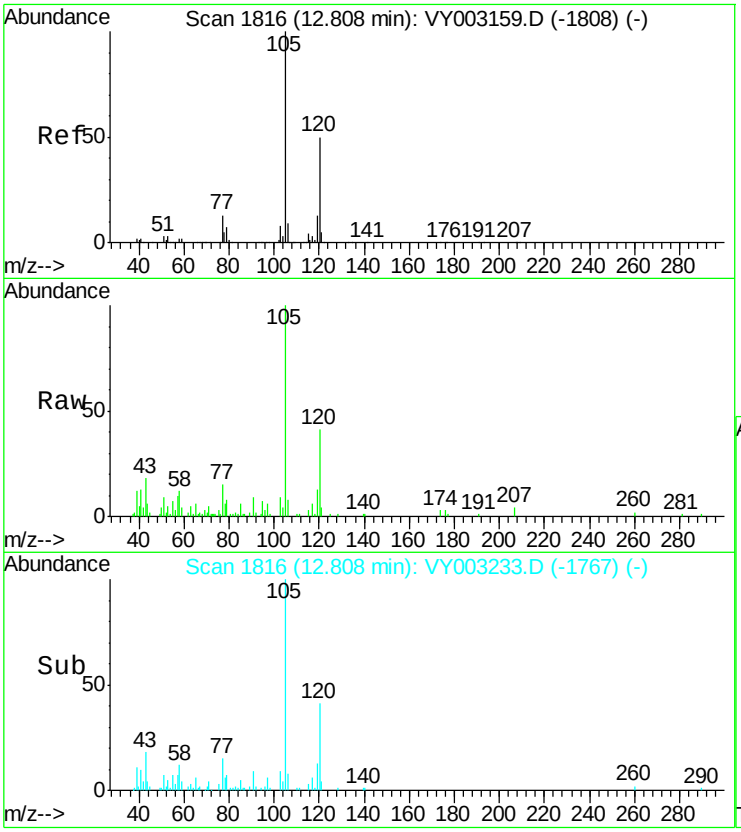


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY003233.D
Acq: 20 Jul 2020 15:49

Tgt Ion:152 Resp: 134468

Ion	Ratio	Lower	Upper
152	100		
115	55.6	26.9	80.7
150	157.3	0.0	338.0



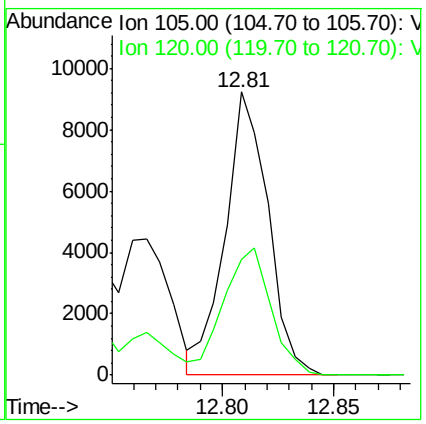


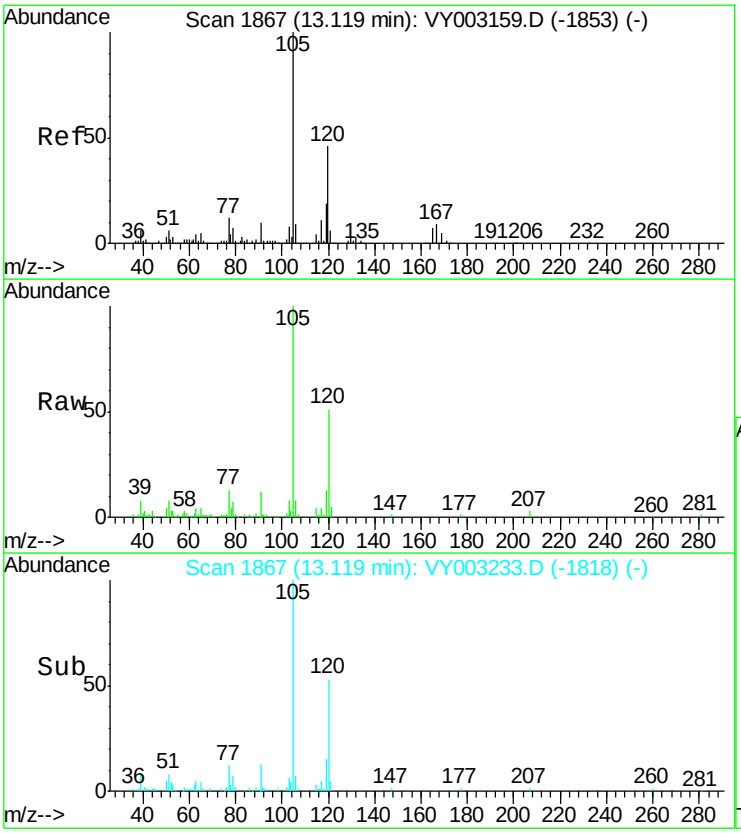
#80
1,3,5-Trimethylbenzene
Concen: 1.732 ug/l
RT: 12.81 min Scan# 1816
Delta R.T. 0.00 min
Lab File: VY003233.D
Acq: 20 Jul 2020 15:49

Instrument :
MSVOA_Y
ClientSampleId :
TR-04-071620

Tgt Ion:105 Resp: 12368

Ion	Ratio	Lower	Upper
105	100		
120	49.9	24.9	74.6

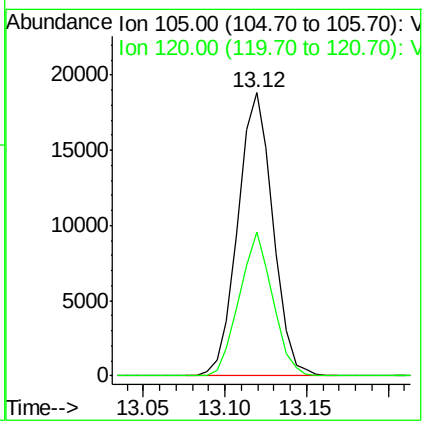


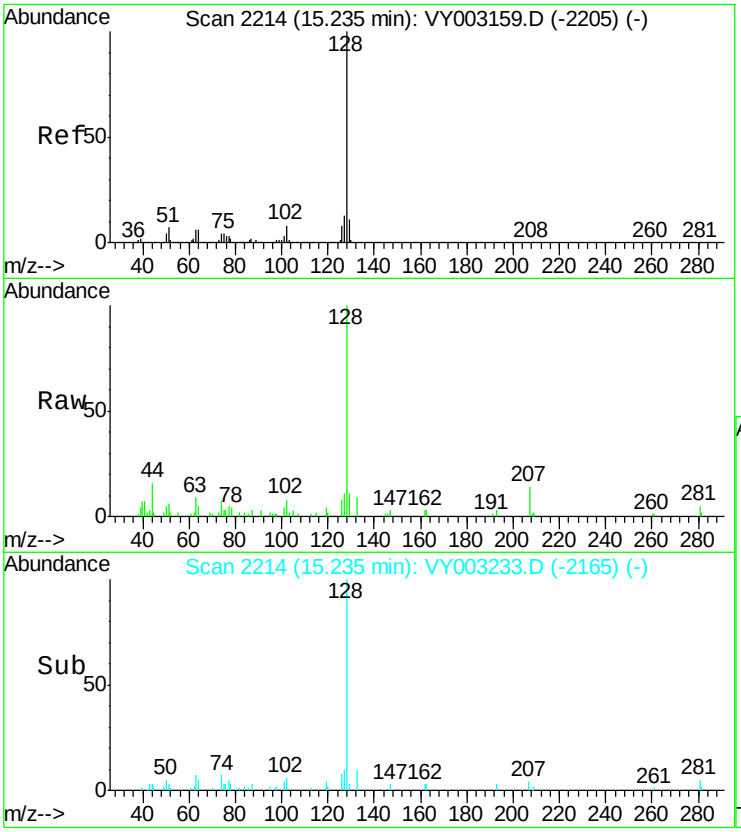


#84
1,2,4-Trimethylbenzene
Concen: 3.919 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VY003233.D
Acq: 20 Jul 2020 15:49

Tgt Ion:105 Resp: 28161

Ion	Ratio	Lower	Upper
105	100		
120	48.3	22.5	67.5





#95
Naphthalene
Concen: 1.927 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.00 min
Lab File: VY003233.D
Acq: 20 Jul 2020 15:49

Instrument :
MSVOA_Y
ClientSampleId :
TR-04-071620

Tgt Ion:128 Resp: 8212

Ion	Ratio	Lower	Upper
128	100		
127	14.1	10.9	16.3
129	14.1	9.0	13.6#