Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY040920\
Data File : VY002267.D
Acq On : 09 Apr 2020 11:59
Operator : SY/MD
Sample : L2205-01
Misc : 8.42G/5ML/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : JC-02-04082020-A

Quant Time: Apr 10 09:00:45 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y040820S.M
Quant Title : SW846 8260
QLast Update : Wed Apr 08 15:15:02 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	108493	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	205064	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	169283	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	62158	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	57490	47.65	ug/l	0.00
Spiked Amount 50.000			Recovery = 95.30%			
35) Dibromofluoromethane	7.74	113	58489	47.93	ug/l	0.00
Spiked Amount 50.000			Recovery = 95.86%			
50) Toluene-d8	10.19	98	239714	46.94	ug/l	0.00
Spiked Amount 50.000			Recovery = 93.88%			
62) 4-Bromofluorobenzene	12.49	95	72639	43.11	ug/l	0.00
Spiked Amount 50.000			Recovery = 86.22%			
Target Compounds						Qvalue
16) Acetone	3.96	43	3140	9.881	ug/l	90
69) o-Xylene	12.04	106	6295	2.779	ug/l	99
80) 1,3,5-Trimethylbenzene	12.82	105	43689	10.818	ug/l	99
84) 1,2,4-Trimethylbenzene	13.13	105	16823	4.172	ug/l	97
85) sec-Butylbenzene	13.26	105	8191	1.625	ug/l	90
86) p-Isopropyltoluene	13.38	119	17759	4.095	ug/l	98

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

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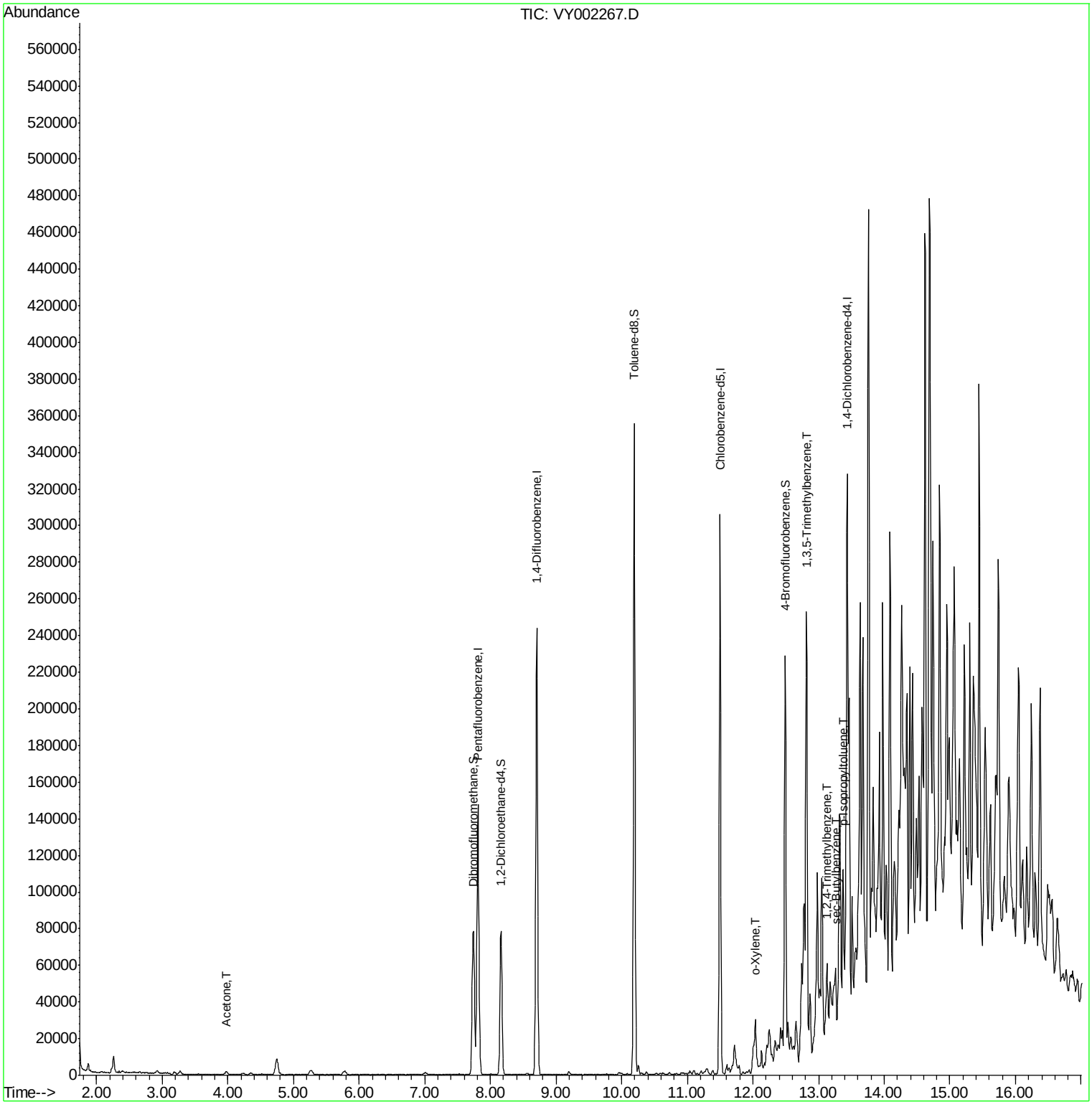
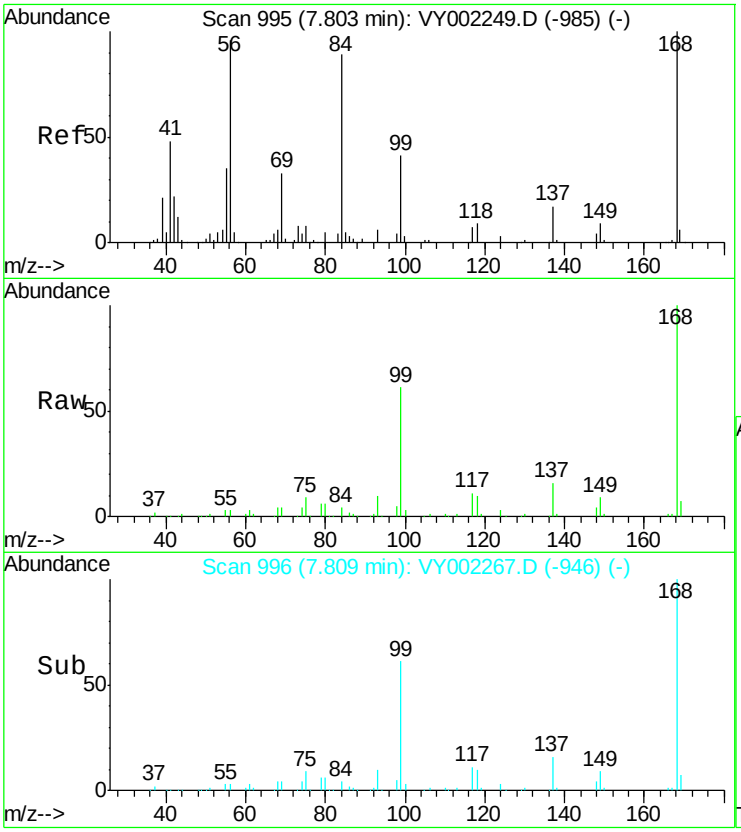


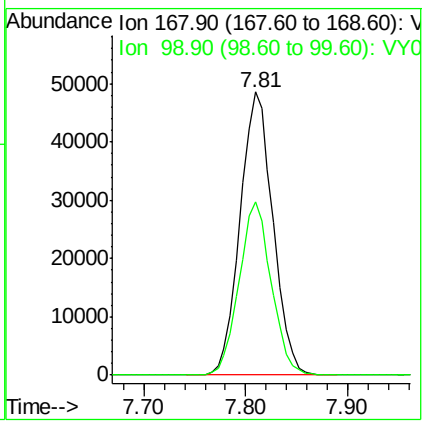


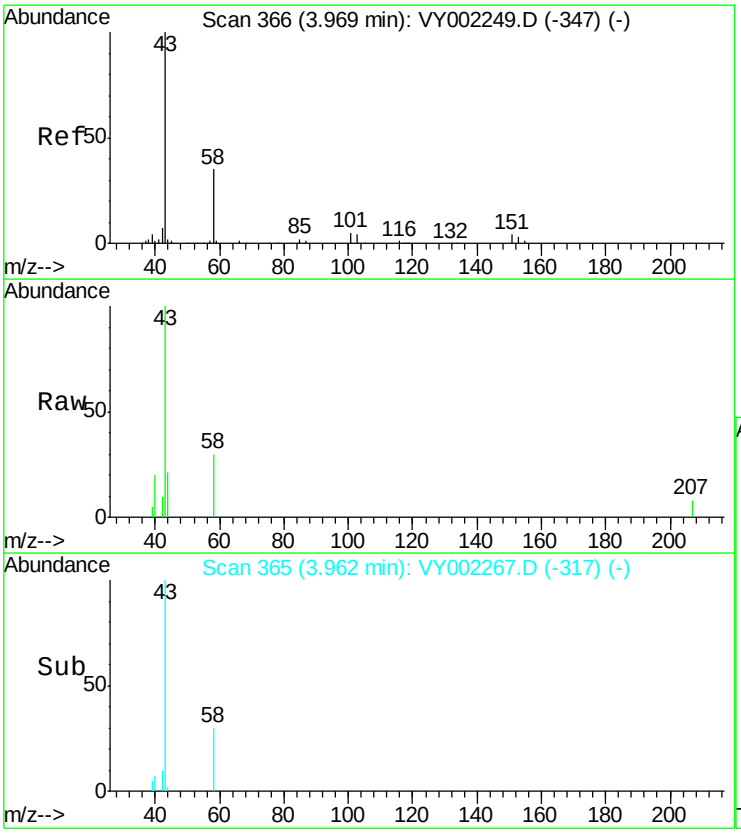
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.81 min Scan# 996
Delta R.T. 0.01 min
Lab File: VY002267.D
Acq: 09 Apr 2020 11:59

Instrument :
MSVOA_Y
ClientSampleId :
JC-02-04082020-A

Tgt Ion:168 Resp: 108493

Ion	Ratio	Lower	Upper
168	100		
99	61.3	48.0	72.0

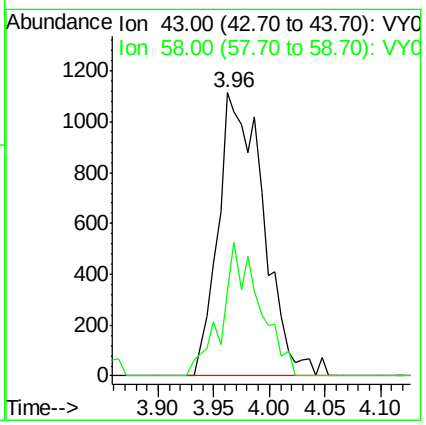


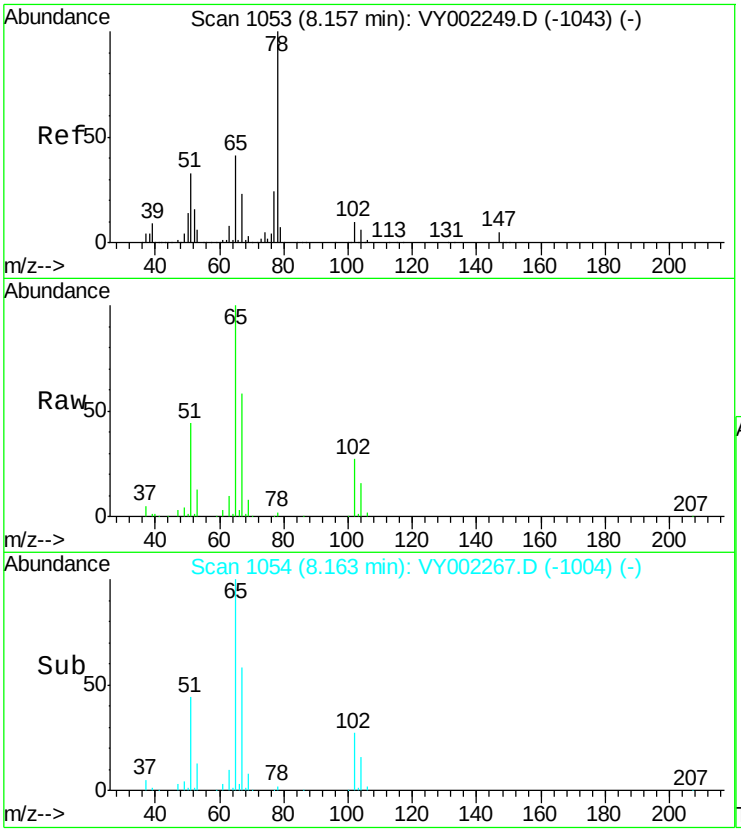


#16
Acetone
Concen: 9.881 ug/l
RT: 3.96 min Scan# 365
Delta R.T. -0.01 min
Lab File: VY002267.D
Acq: 09 Apr 2020 11:59

Tgt Ion: 43 Resp: 3140

Ion	Ratio	Lower	Upper
43	100		
58	30.0	28.5	42.7



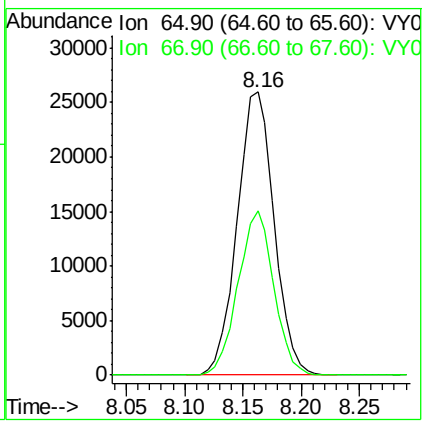


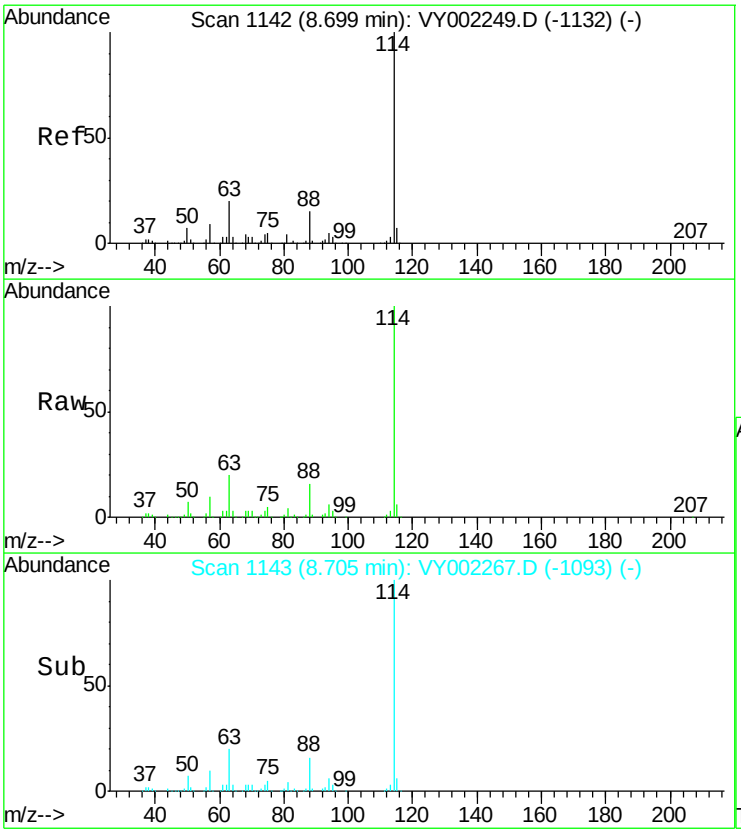
#33
1,2-Dichloroethane-d4
Concen: 47.649 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. 0.01 min
Lab File: VY002267.D
Acq: 09 Apr 2020 11:59

Instrument :
MSVOA_Y
ClientSampleId :
JC-02-04082020-A

Tgt Ion: 65 Resp: 57490

Ion	Ratio	Lower	Upper
65	100		
67	56.0	0.0	114.0

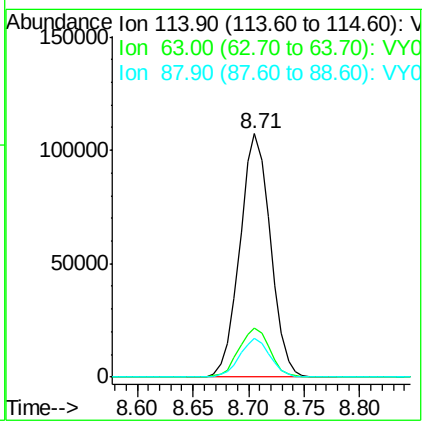


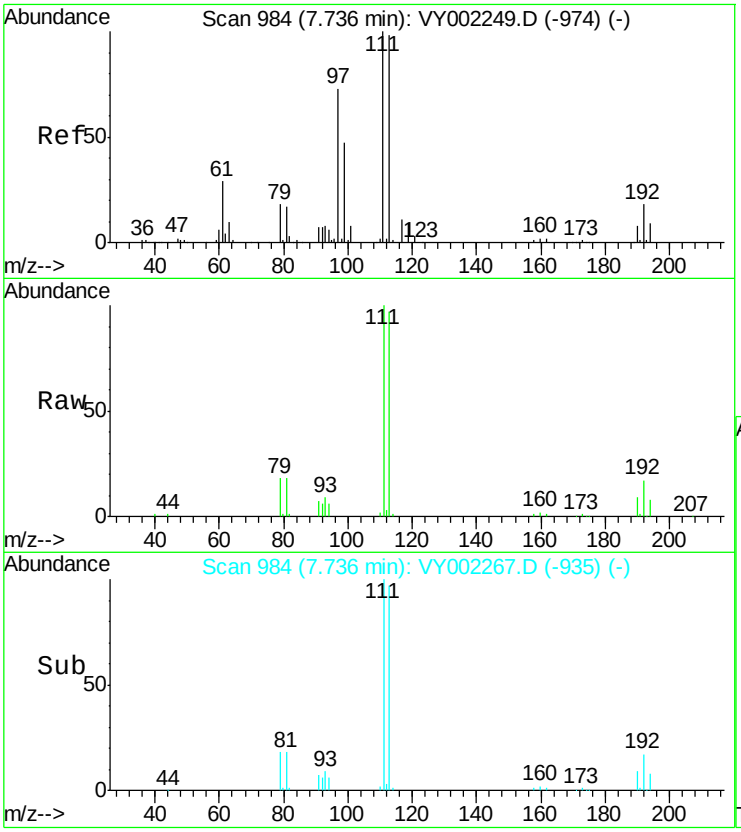


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.71 min Scan# 1143
Delta R.T. 0.01 min
Lab File: VY002267.D
Acq: 09 Apr 2020 11:59

Tgt Ion:114 Resp: 205064

Ion	Ratio	Lower	Upper
114	100		
63	20.3	0.0	39.0
88	15.8	0.0	31.0



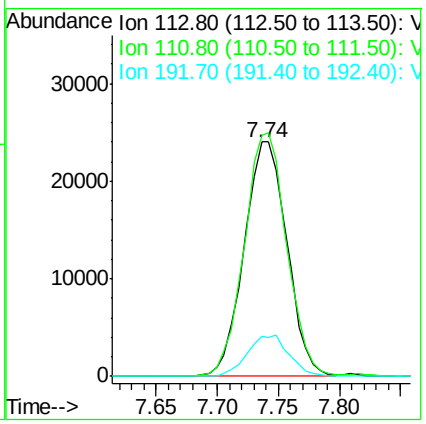


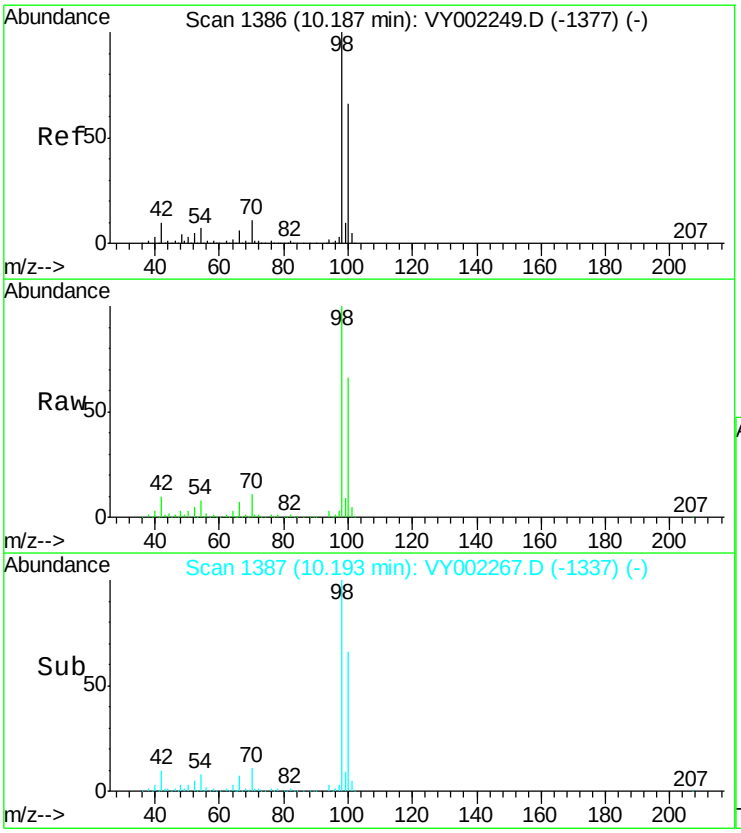
#35
Dibromofluoromethane
Concen: 47.934 ug/l
RT: 7.74 min Scan# 984
Delta R.T. -0.00 min
Lab File: VY002267.D
Acq: 09 Apr 2020 11:59

Instrument :
MSVOA_Y
ClientSampleId :
JC-02-04082020-A

Tgt Ion:113 Resp: 58489

Ion	Ratio	Lower	Upper
113	100		
111	102.8	83.5	125.3
192	17.1	14.7	22.1

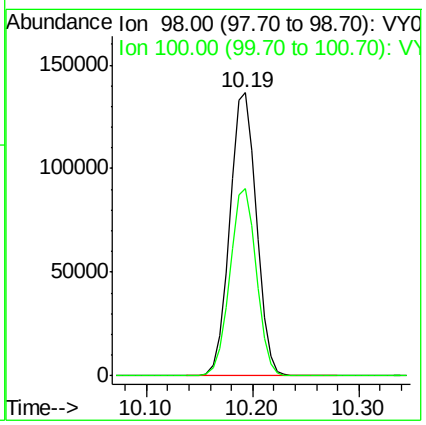


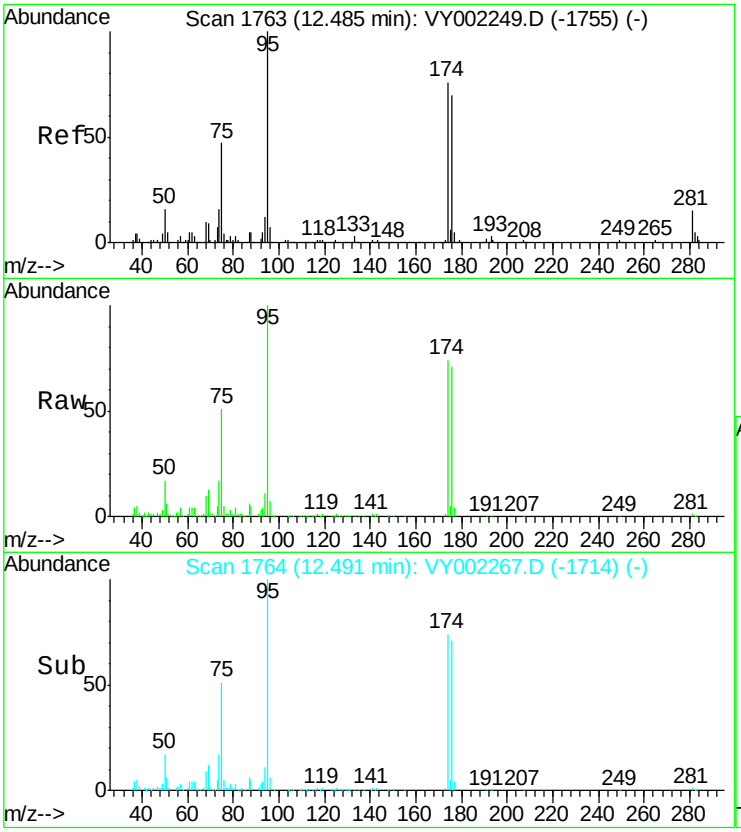


#50
Toluene-d8
Concen: 46.936 ug/l
RT: 10.19 min Scan# 1387
Delta R.T. 0.01 min
Lab File: VY002267.D
Acq: 09 Apr 2020 11:59

Tgt Ion: 98 Resp: 239714

Ion	Ratio	Lower	Upper
98	100		
100	65.9	52.6	78.8



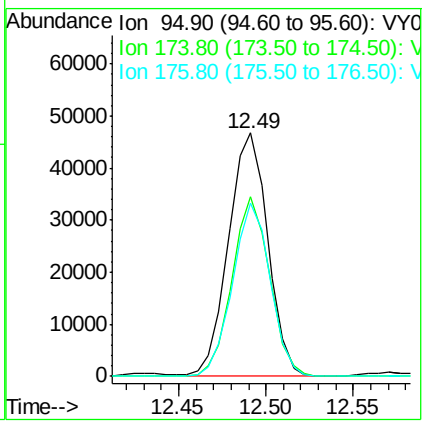


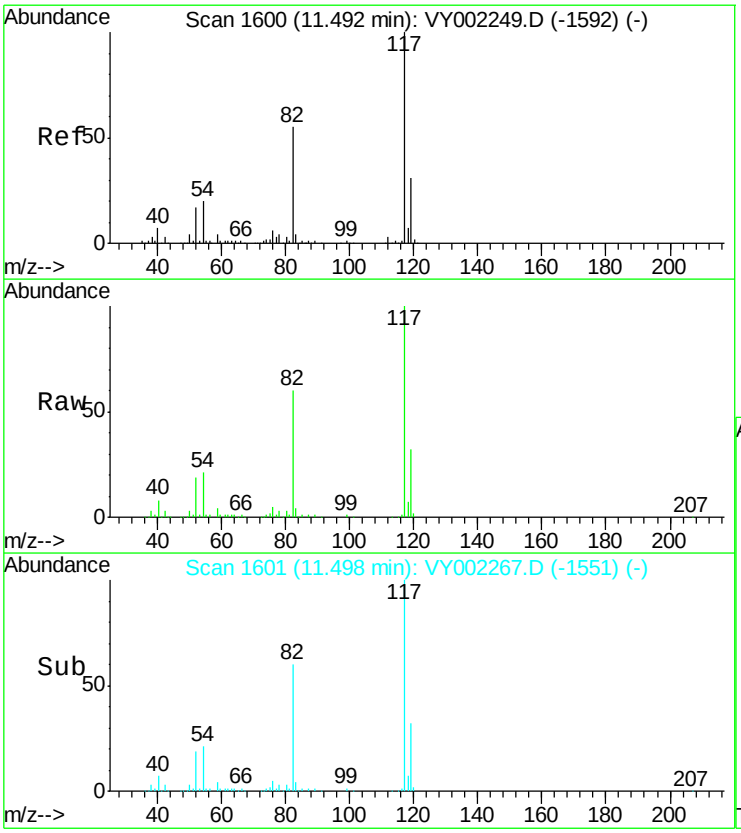
#62
4-Bromofluorobenzene
Concen: 43.110 ug/l
RT: 12.49 min Scan# 1764
Delta R.T. 0.01 min
Lab File: VY002267.D
Acq: 09 Apr 2020 11:59

Instrument :
MSVOA_Y
ClientSampleId :
JC-02-04082020-A

Tgt Ion: 95 Resp: 72639

Ion	Ratio	Lower	Upper
95	100		
174	70.9	0.0	150.6
176	68.7	0.0	141.4

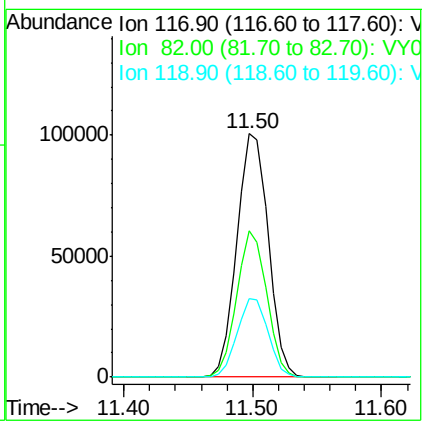


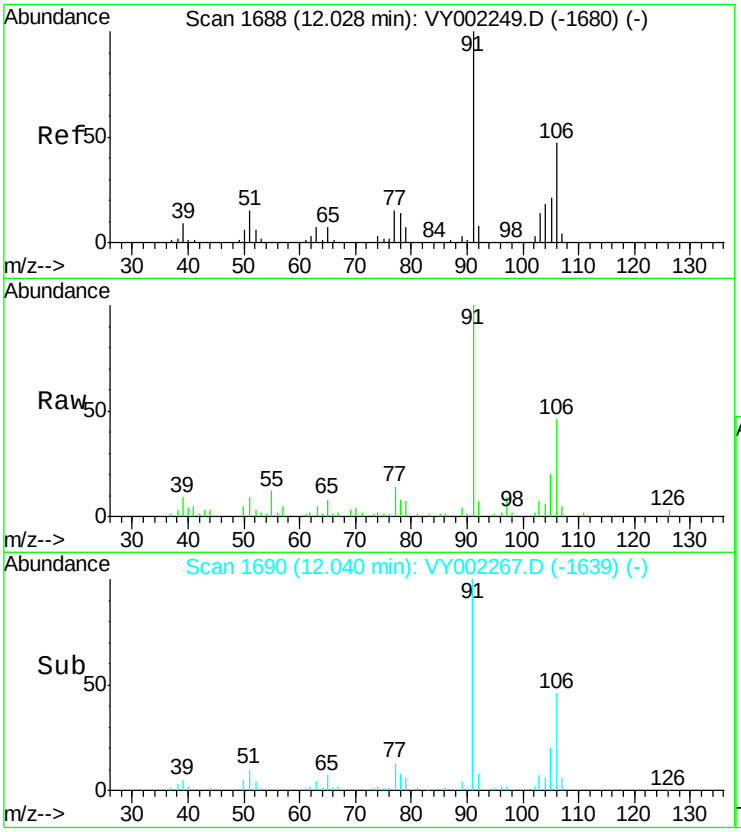


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. 0.01 min
Lab File: VY002267.D
Acq: 09 Apr 2020 11:59

Tgt Ion:117 Resp: 169283

Ion	Ratio	Lower	Upper
117	100		
82	60.1	44.2	66.4
119	32.0	25.1	37.7



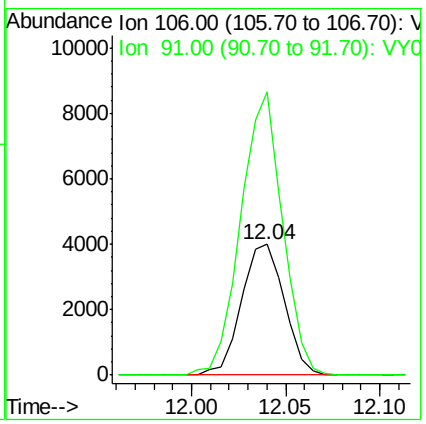


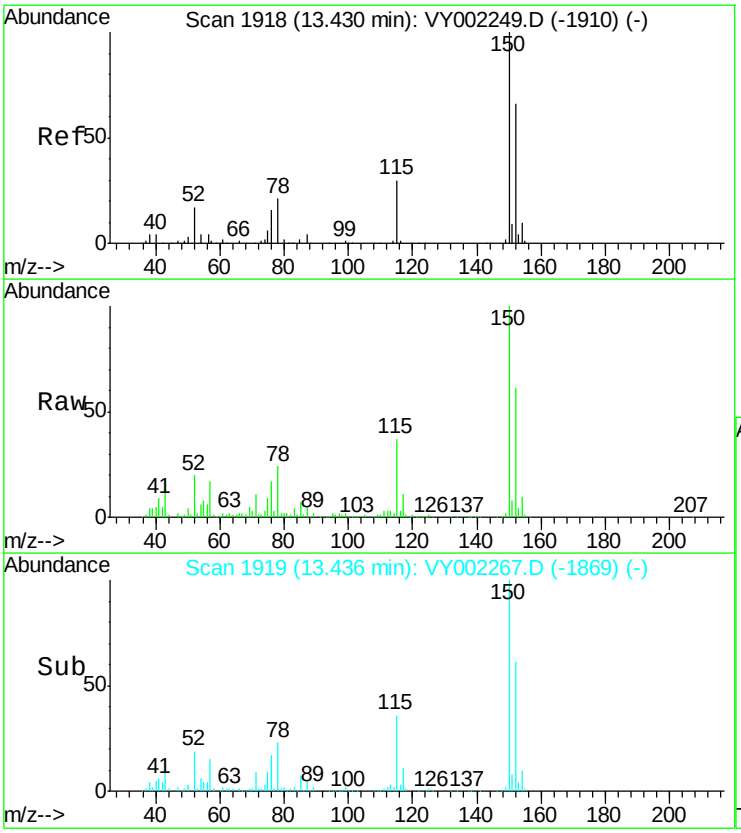
#69
o-Xylene
Concen: 2.779 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.01 min
Lab File: VY002267.D
Acq: 09 Apr 2020 11:59

Instrument :
MSVOA_Y
ClientSampleId :
JC-02-04082020-A

Tgt Ion:106 Resp: 6295

Ion	Ratio	Lower	Upper
106	100		
91	210.3	105.8	317.3

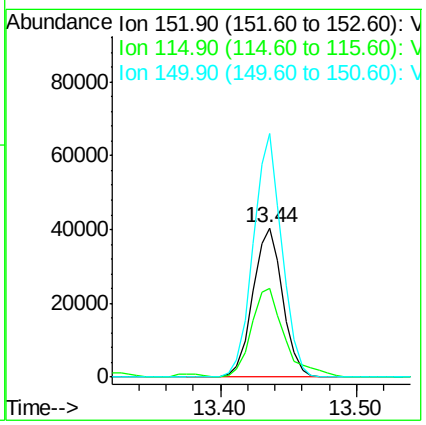


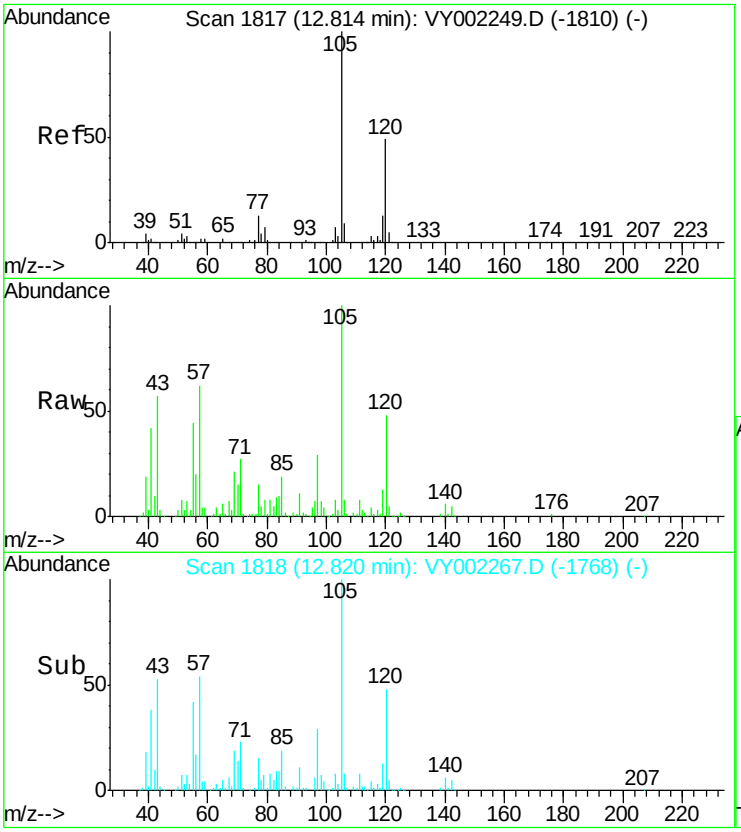


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. 0.01 min
Lab File: VY002267.D
Acq: 09 Apr 2020 11:59

Tgt Ion:152 Resp: 62158

Ion	Ratio	Lower	Upper
152	100		
115	65.7	30.7	92.1
150	156.5	0.0	350.6



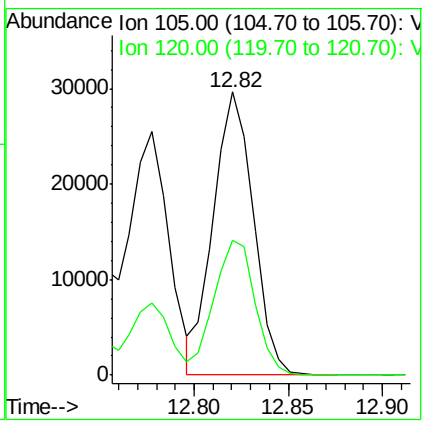


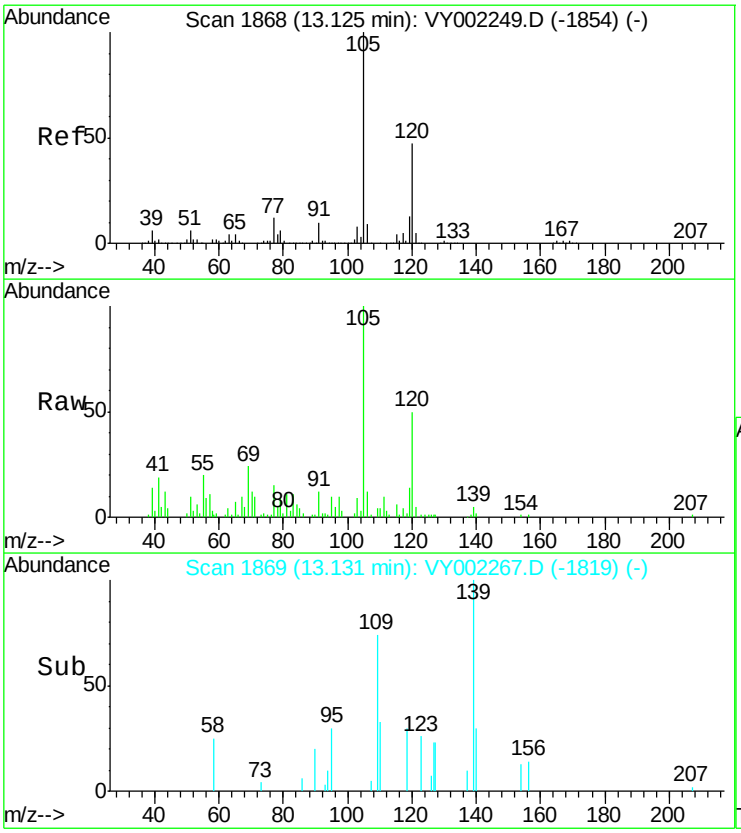
#80
1,3,5-Trimethylbenzene
Concen: 10.818 ug/l
RT: 12.82 min Scan# 1818
Delta R.T. 0.01 min
Lab File: VY002267.D
Acq: 09 Apr 2020 11:59

Instrument :
MSVOA_Y
ClientSampleId :
JC-02-04082020-A

Tgt Ion:105 Resp: 43689

Ion	Ratio	Lower	Upper
105	100		
120	48.7	24.7	74.1

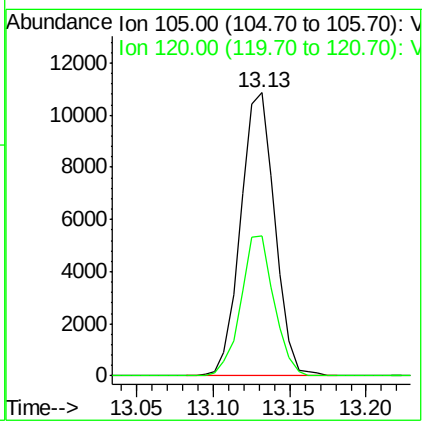


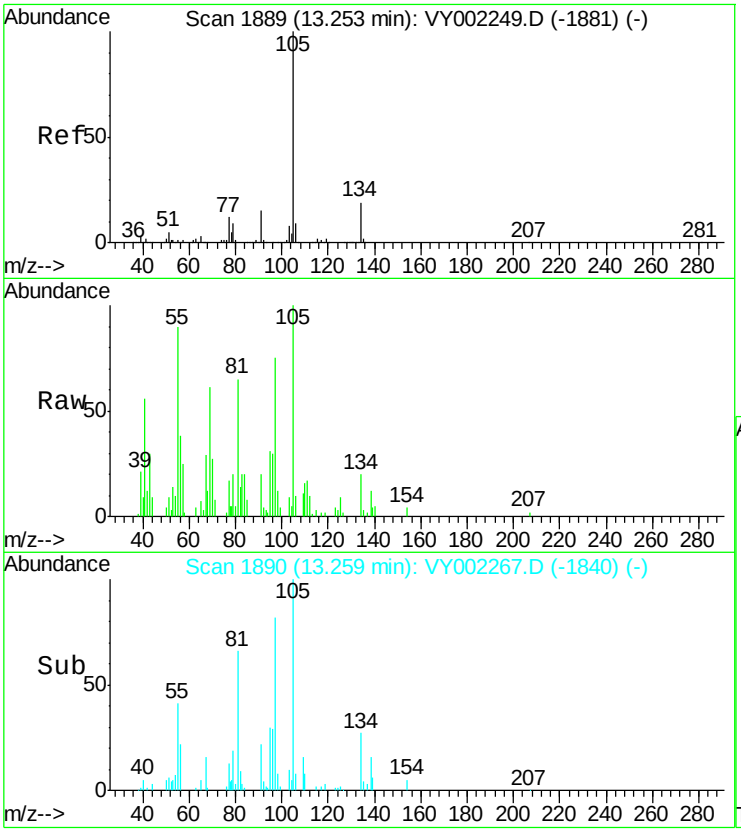


#84
1,2,4-Trimethylbenzene
Concen: 4.172 ug/l
RT: 13.13 min Scan# 1869
Delta R.T. 0.01 min
Lab File: VY002267.D
Acq: 09 Apr 2020 11:59

Tgt Ion:105 Resp: 16823

Ion	Ratio	Lower	Upper
105	100		
120	48.0	23.1	69.2



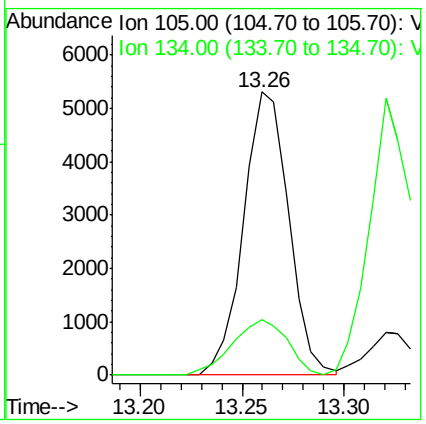


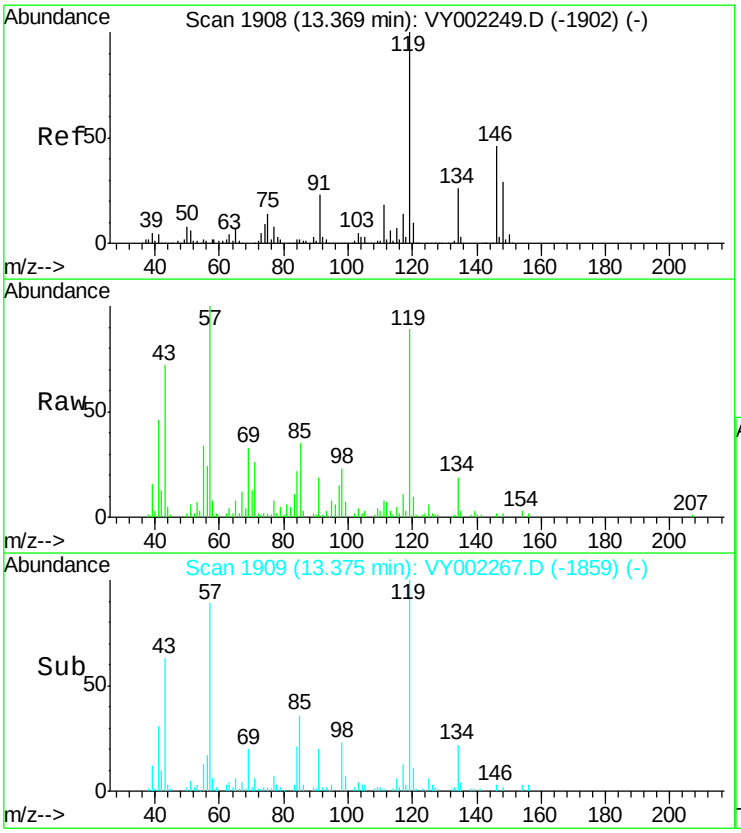
#85
sec-Butylbenzene
Concen: 1.625 ug/l
RT: 13.26 min Scan# 1890
Delta R.T. 0.01 min
Lab File: VY002267.D
Acq: 09 Apr 2020 11:59

Instrument :
MSVOA_Y
ClientSampleId :
JC-02-04082020-A

Tgt Ion:105 Resp: 8191

Ion	Ratio	Lower	Upper
105	100		
134	23.9	9.8	29.3





#86
p-Isopropyltoluene
Concen: 4.095 ug/l
RT: 13.38 min Scan# 1909
Delta R.T. 0.01 min
Lab File: VY002267.D
Acq: 09 Apr 2020 11:59

Tgt Ion:119 Resp: 17759

Ion	Ratio	Lower	Upper
119	100		
134	26.9	13.3	39.9
91	21.5	11.5	34.4