Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY071420\
Data File : VY003197.D
Acq On : 14 Jul 2020 15:44
Operator : SY/MD
Sample : L3300-02
Misc : 7.50G/5ML/MSVOA_Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : TP-8A-S2

Quant Time: Jul 15 05:49:36 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	377843	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	569676	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	510855	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	249660	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	185685	58.22	ug/l	0.00
Spiked Amount 50.000			Recovery = 116.44%			
35) Dibromofluoromethane	7.73	113	179764	54.83	ug/l	0.00
Spiked Amount 50.000			Recovery = 109.66%			
50) Toluene-d8	10.18	98	682422	55.99	ug/l	0.00
Spiked Amount 50.000			Recovery = 111.98%			
62) 4-Bromofluorobenzene	12.48	95	221951	50.41	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.82%			
Target Compounds						Qvalue
16) Acetone	3.96	43	23892	33.539	ug/l	96
68) m/p-Xylenes	11.70	106	11819	1.773	ug/l	96
69) o-Xylene	12.03	106	10885	1.748	ug/l	97
80) 1,3,5-Trimethylbenzene	12.81	105	38406	2.896	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	125452	9.403	ug/l	99
89) n-Butylbenzene	13.69	91	14556	1.031	ug/l #	82

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

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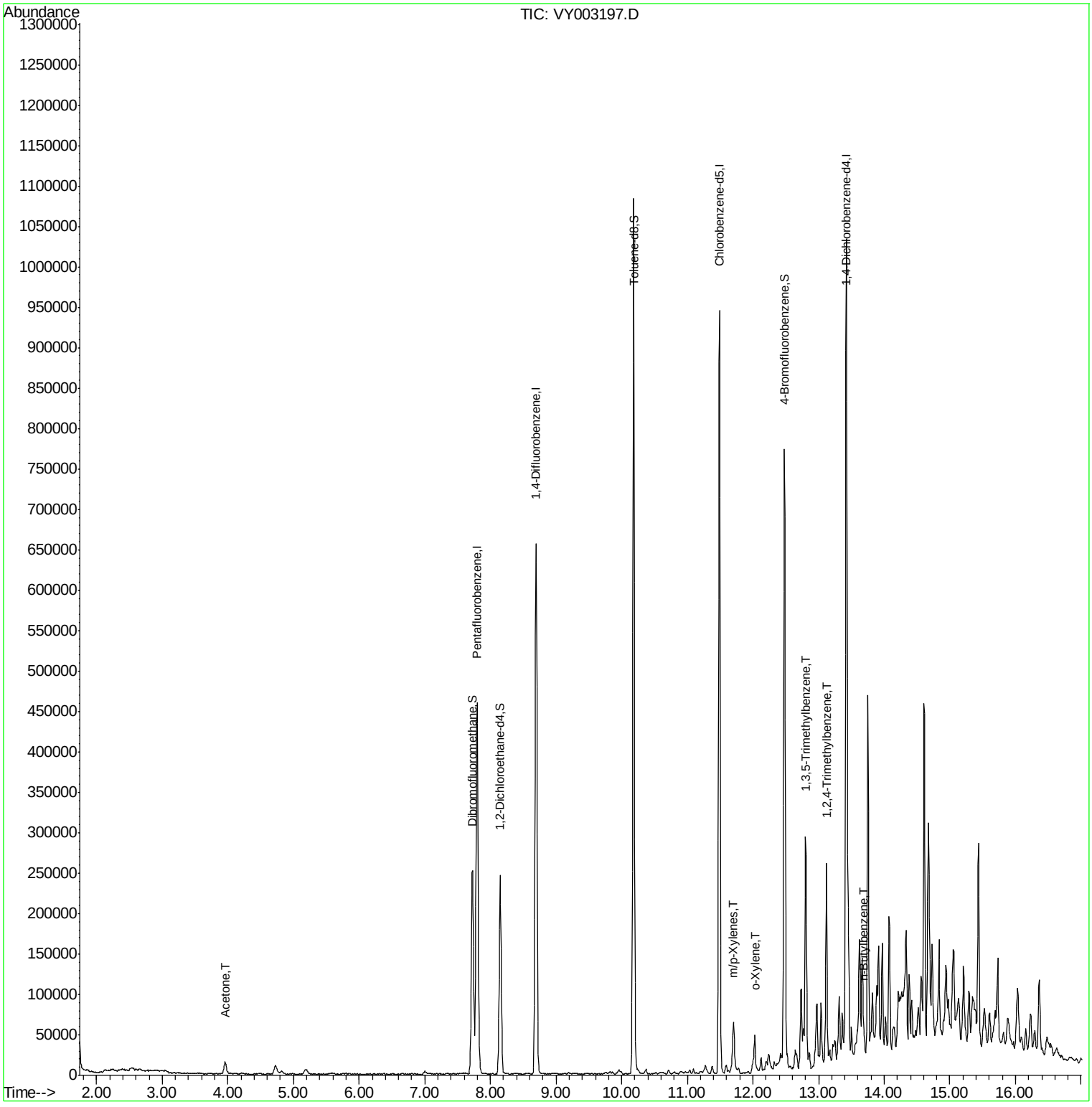
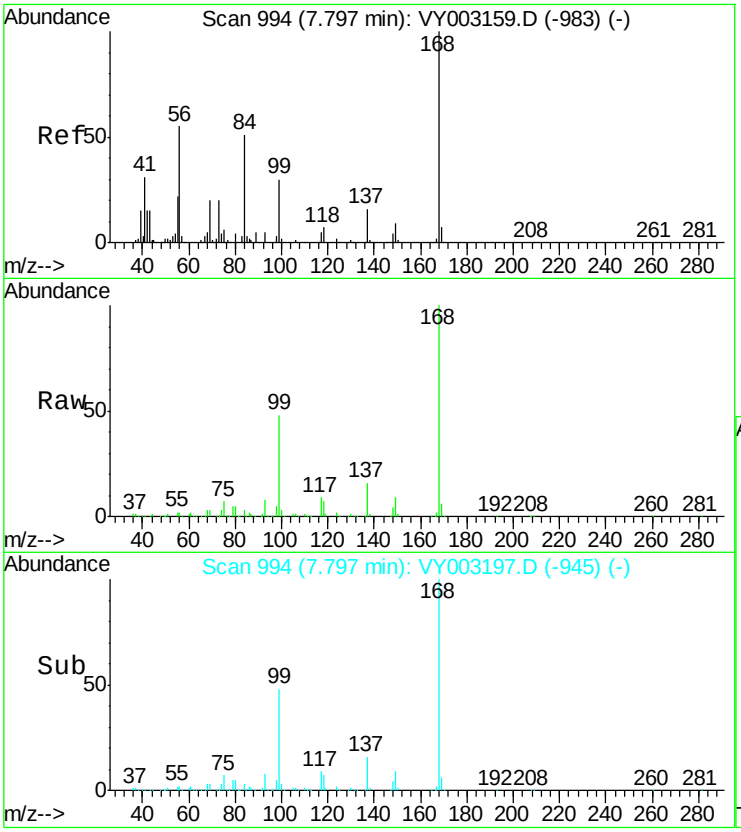


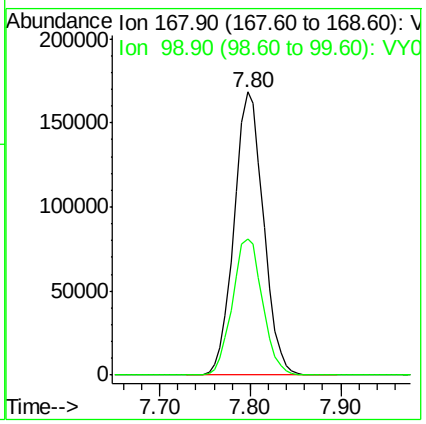


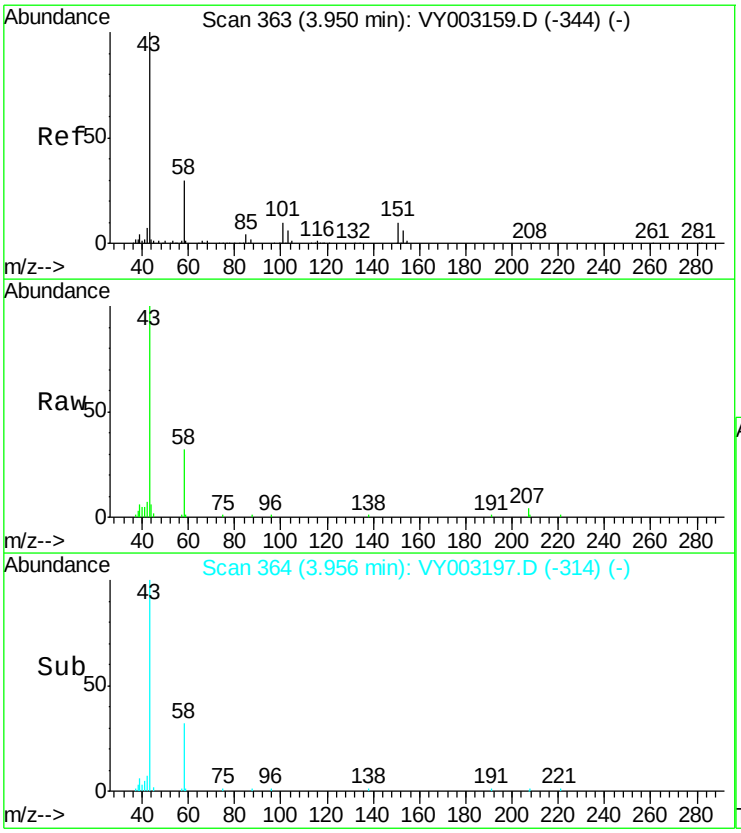
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.80 min Scan# 994
Delta R.T. 0.00 min
Lab File: VY003197.D
Acq: 14 Jul 2020 15:44

Instrument :
MSVOA_Y
ClientSampleId :
TP-8A-S2

Tgt Ion:168 Resp: 377843

Ion	Ratio	Lower	Upper
168	100		
99	48.0	37.3	55.9

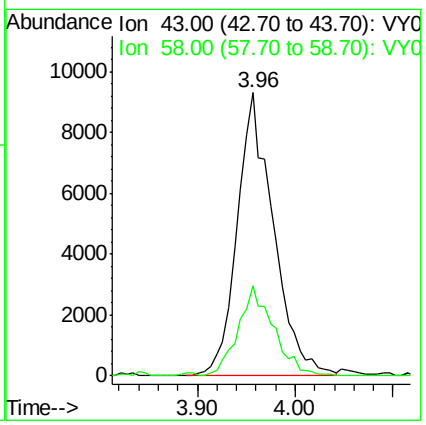


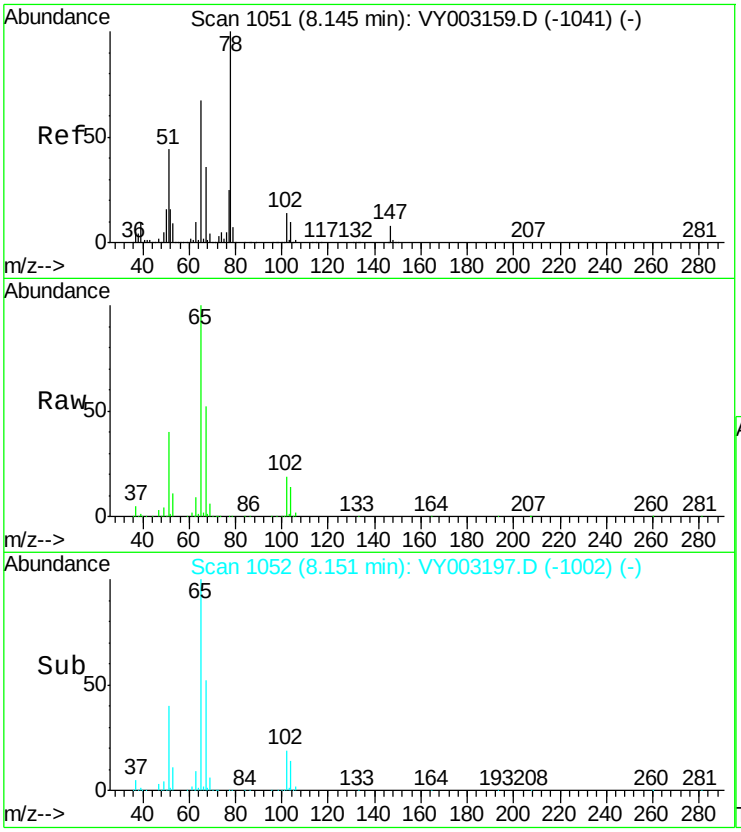


#16
Acetone
Concen: 33.539 ug/l
RT: 3.96 min Scan# 364
Delta R.T. 0.01 min
Lab File: VY003197.D
Acq: 14 Jul 2020 15:44

Tgt Ion: 43 Resp: 23892

Ion	Ratio	Lower	Upper
43	100		
58	31.8	23.8	35.6



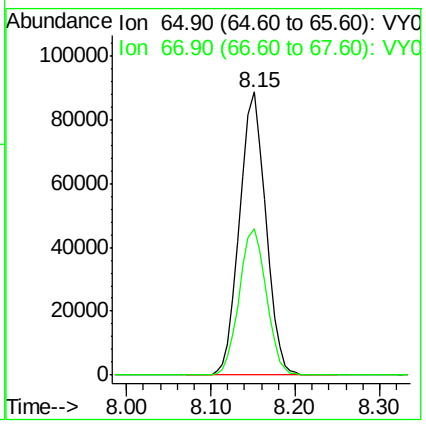


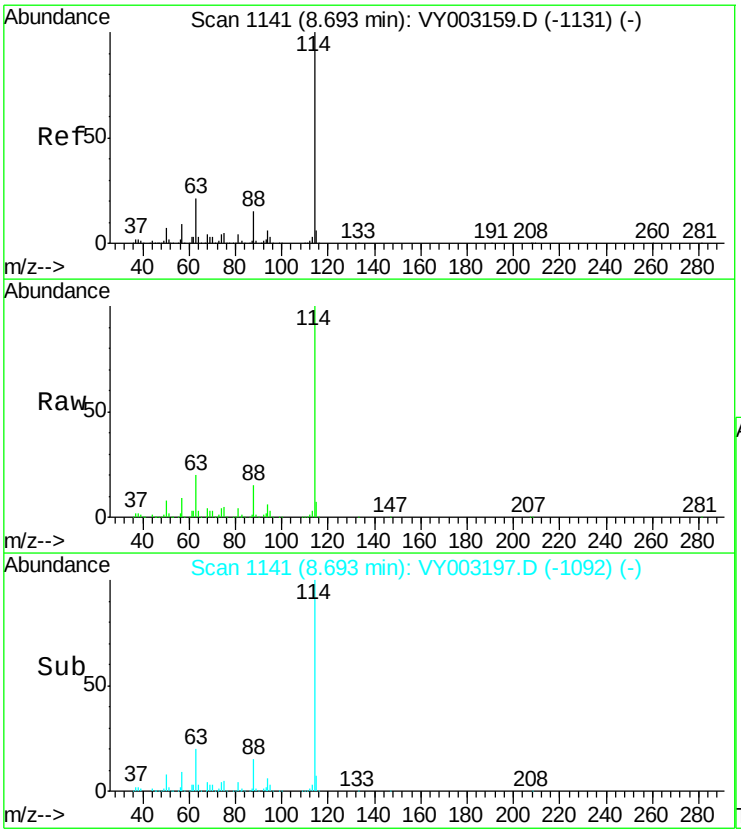
#33
1,2-Dichloroethane-d4
Concen: 58.224 ug/l
RT: 8.15 min Scan# 1052
Delta R.T. 0.01 min
Lab File: VY003197.D
Acq: 14 Jul 2020 15:44

Instrument :
MSVOA_Y
ClientSampleId :
TP-8A-S2

Tgt Ion: 65 Resp: 185685

Ion	Ratio	Lower	Upper
65	100		
67	53.4	0.0	105.2

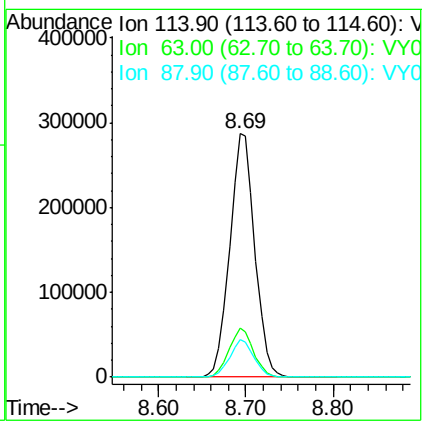


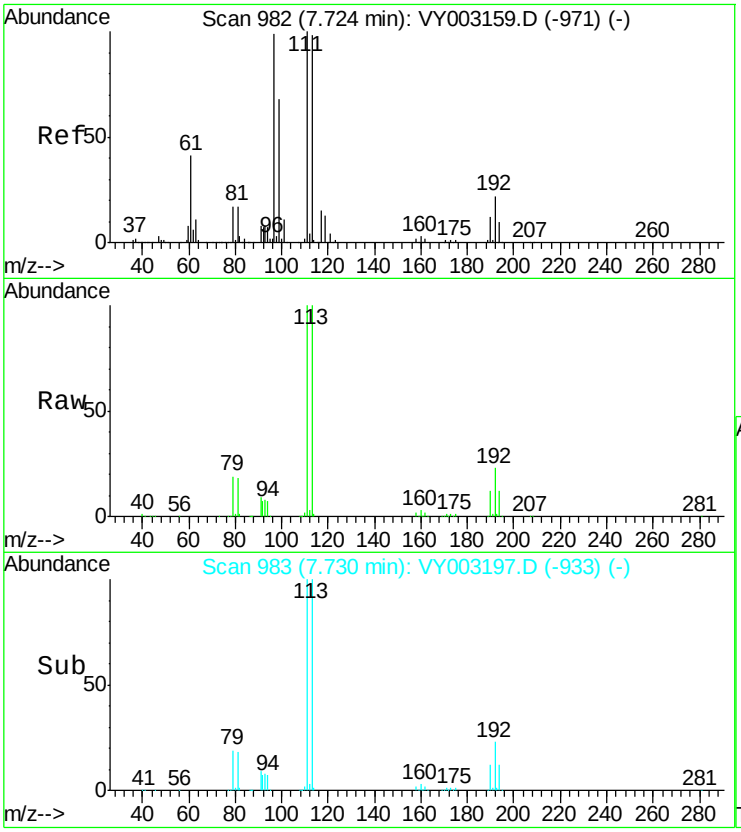


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.69 min Scan# 1141
Delta R.T. 0.00 min
Lab File: VY003197.D
Acq: 14 Jul 2020 15:44

Tgt Ion:114 Resp: 569676

Ion	Ratio	Lower	Upper
114	100		
63	20.0	0.0	41.2
88	15.5	0.0	30.2



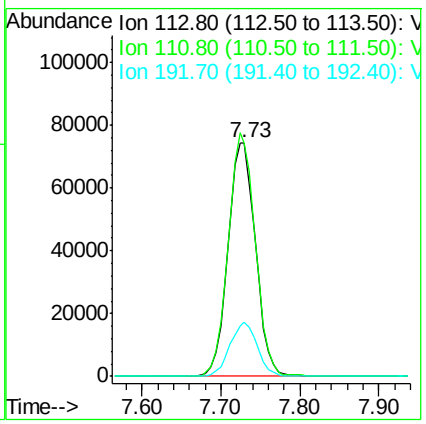


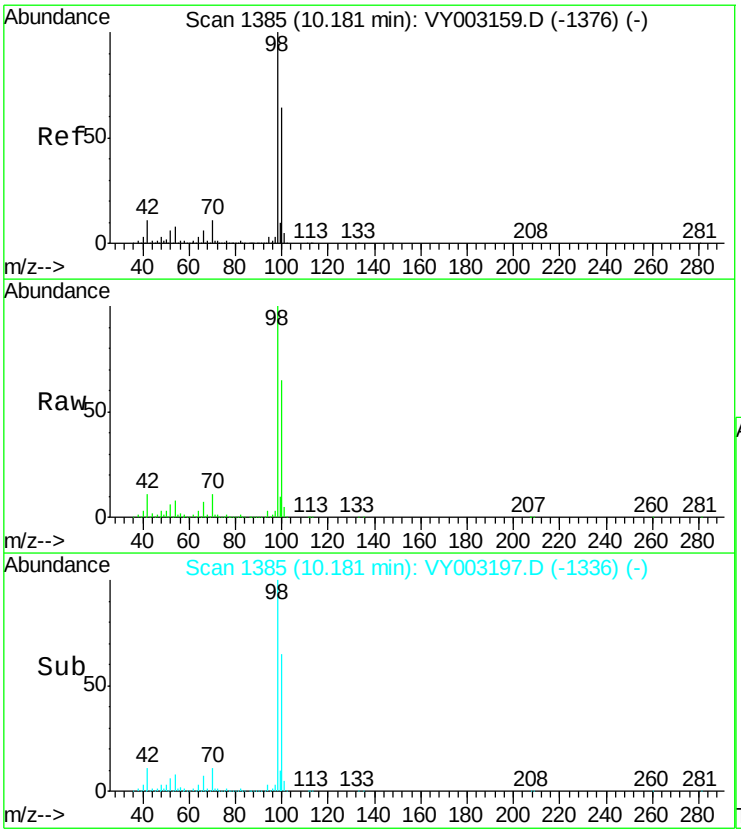
#35
Dibromofluoromethane
Concen: 54.834 ug/l
RT: 7.73 min Scan# 983
Delta R.T. 0.01 min
Lab File: VY003197.D
Acq: 14 Jul 2020 15:44

Instrument :
MSVOA_Y
ClientSampleId :
TP-8A-S2

Tgt Ion:113 Resp: 179764

Ion	Ratio	Lower	Upper
113	100		
111	102.3	82.1	123.1
192	22.8	18.8	28.2

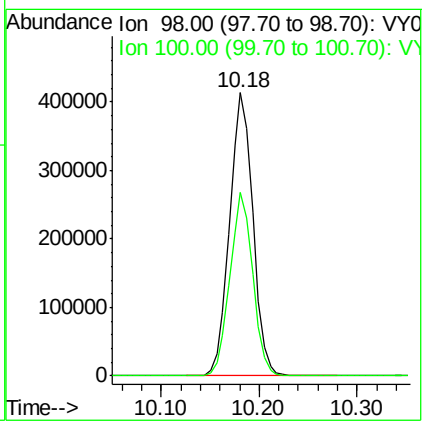


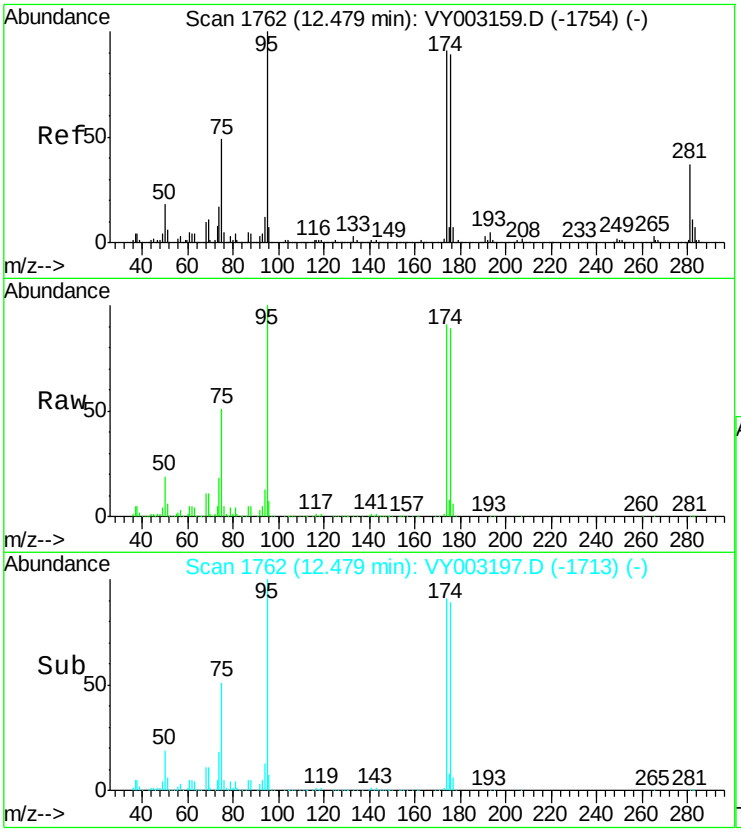


#50
Toluene-d8
Concen: 55.990 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY003197.D
Acq: 14 Jul 2020 15:44

Tgt Ion: 98 Resp: 682422

Ion	Ratio	Lower	Upper
98	100		
100	63.6	50.7	76.1



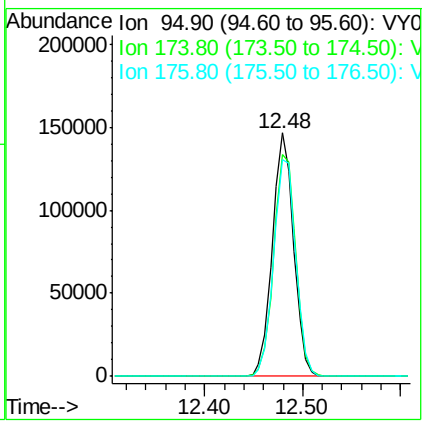


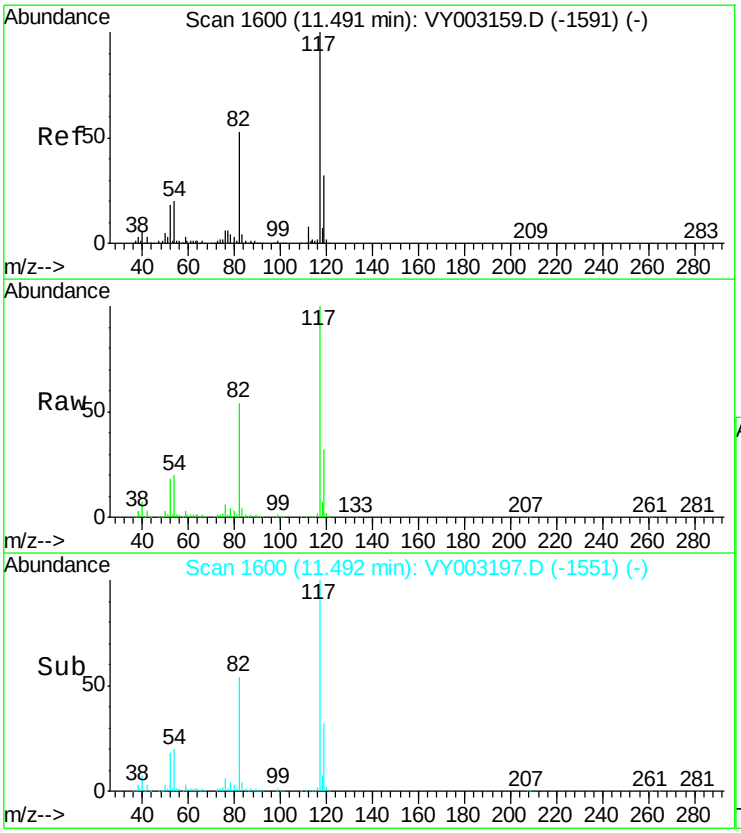
#62
4-Bromofluorobenzene
Concen: 50.407 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. 0.00 min
Lab File: VY003197.D
Acq: 14 Jul 2020 15:44

Instrument :
MSVOA_Y
ClientSampleId :
TP-8A-S2

Tgt Ion: 95 Resp: 221951

Ion	Ratio	Lower	Upper
95	100		
174	94.5	0.0	190.6
176	93.1	0.0	186.4

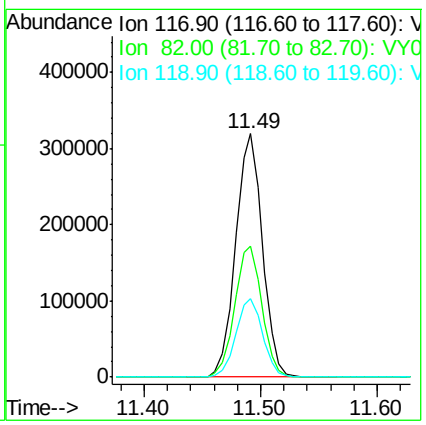


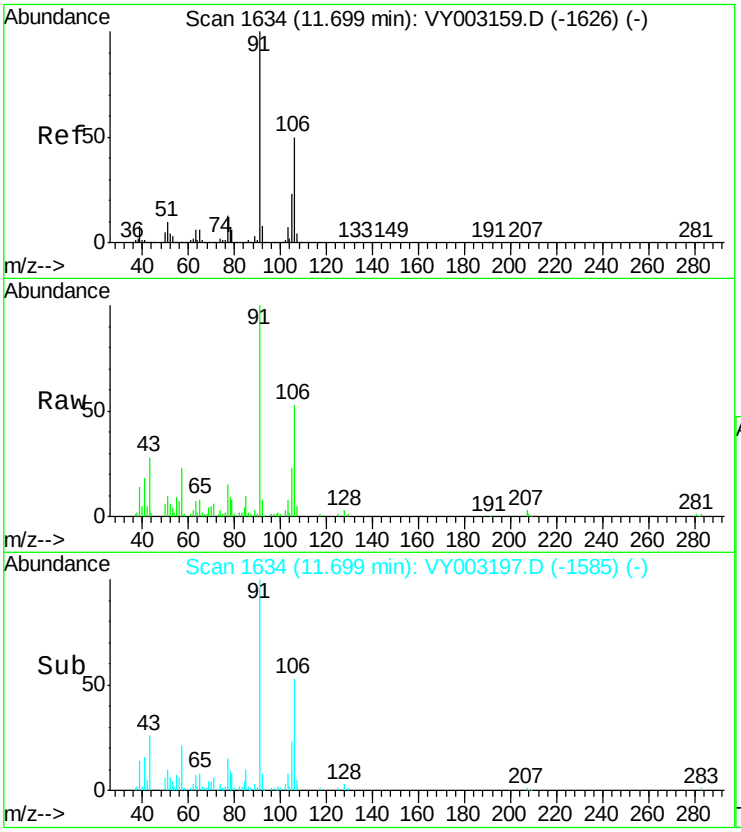


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY003197.D
Acq: 14 Jul 2020 15:44

Tgt Ion:117 Resp: 510855

Ion	Ratio	Lower	Upper
117	100		
82	54.0	42.0	63.0
119	32.2	25.5	38.3



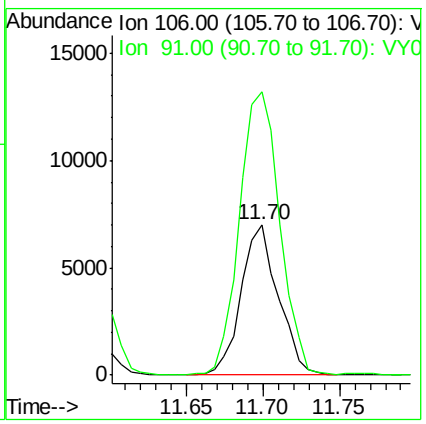


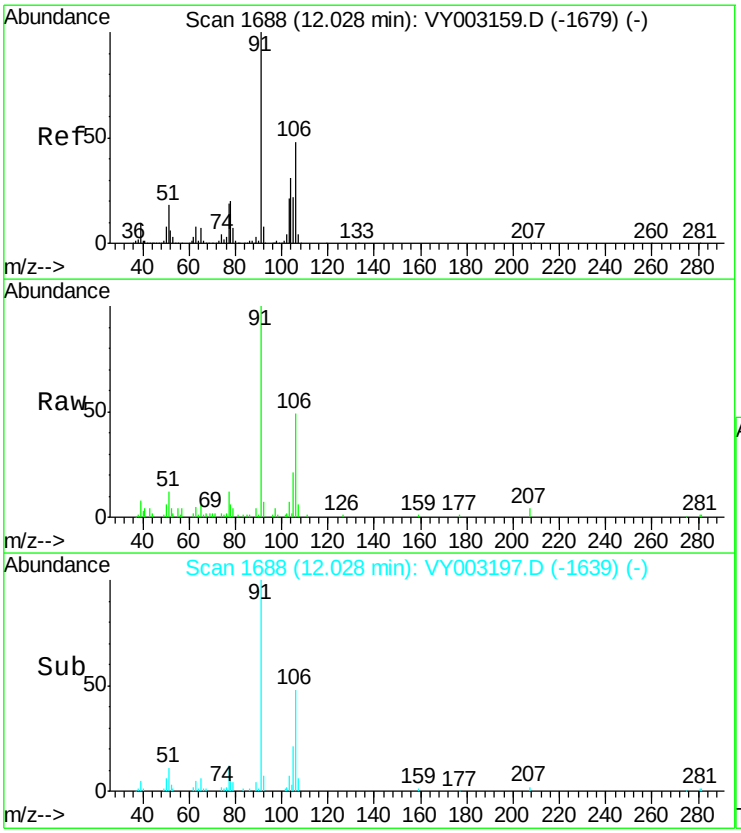
#68
m/p-Xylenes
Concen: 1.773 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. 0.00 min
Lab File: VY003197.D
Acq: 14 Jul 2020 15:44

Instrument :
MSVOA_Y
ClientSampleId :
TP-8A-S2

Tgt Ion:106 Resp: 11819

Ion	Ratio	Lower	Upper
106	100		
91	205.1	159.0	238.6

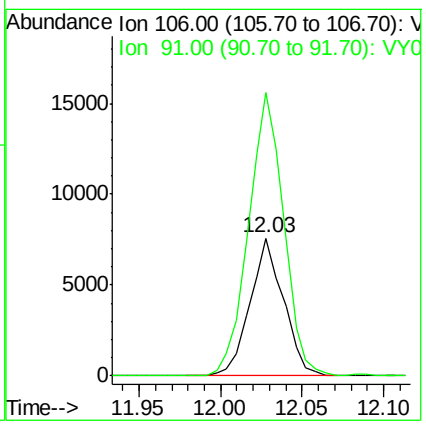


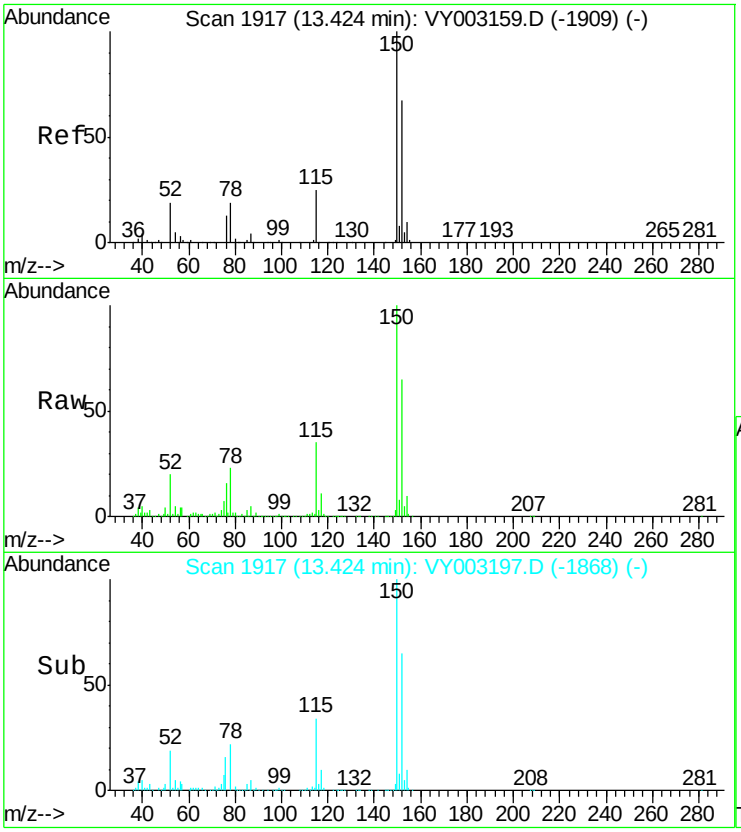


#69
o-Xylene
Concen: 1.748 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY003197.D
Acq: 14 Jul 2020 15:44

Tgt Ion:106 Resp: 10885

Ion	Ratio	Lower	Upper
106	100		
91	214.6	105.1	315.1



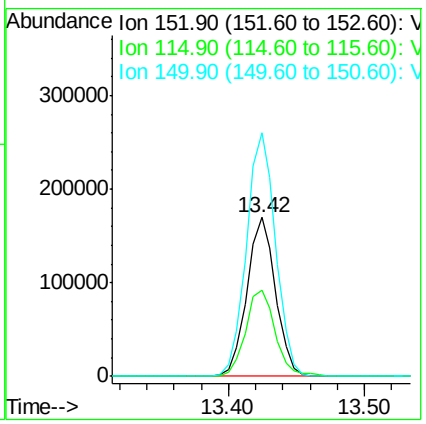


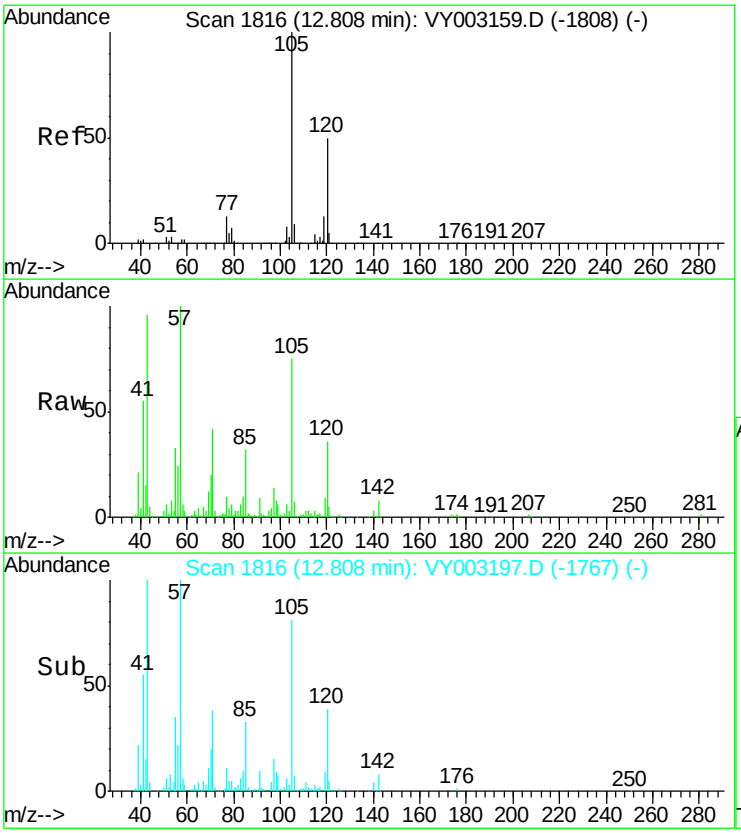
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY003197.D
Acq: 14 Jul 2020 15:44

Instrument :
MSVOA_Y
ClientSampleId :
TP-8A-S2

Tgt Ion:152 Resp: 249660

Ion	Ratio	Lower	Upper
152	100		
115	56.8	26.9	80.7
150	156.5	0.0	338.0

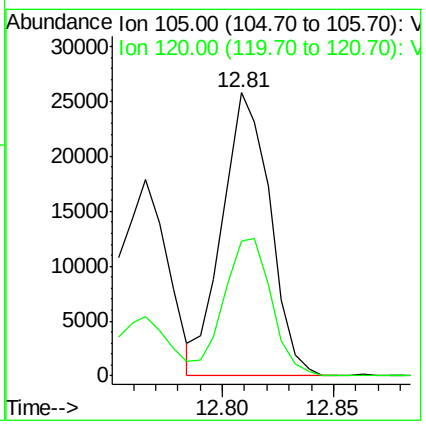


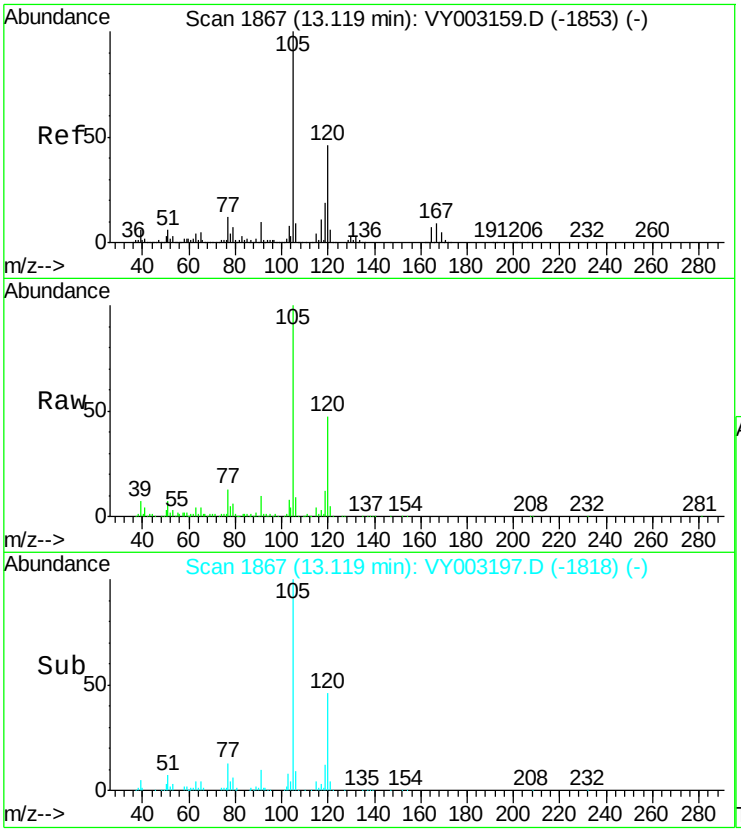


#80
1,3,5-Trimethylbenzene
Concen: 2.896 ug/l
RT: 12.81 min Scan# 1816
Delta R.T. 0.00 min
Lab File: VY003197.D
Acq: 14 Jul 2020 15:44

Tgt Ion:105 Resp: 38406

Ion	Ratio	Lower	Upper
105	100		
120	48.8	24.9	74.6



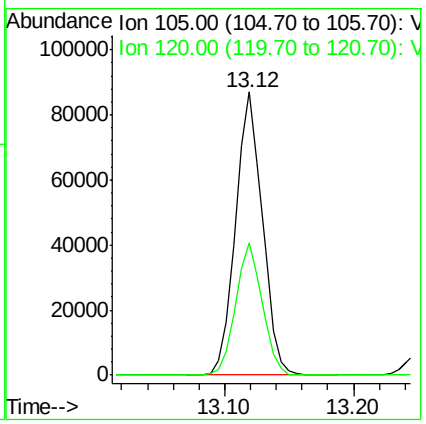


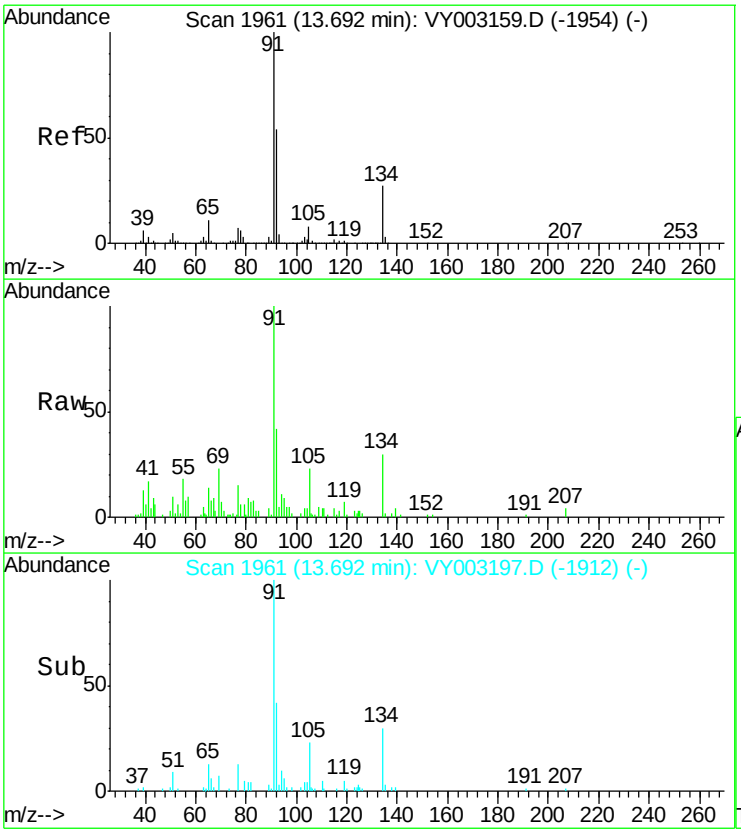
#84
1,2,4-Trimethylbenzene
Concen: 9.403 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VY003197.D
Acq: 14 Jul 2020 15:44

Instrument :
MSVOA_Y
ClientSampleId :
TP-8A-S2

Tgt Ion:105 Resp: 125452

Ion	Ratio	Lower	Upper
105	100		
120	45.9	22.5	67.5





#89
n-Butylbenzene
Concen: 1.031 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. 0.00 min
Lab File: VY003197.D
Acq: 14 Jul 2020 15:44

Tgt Ion: 91 Resp: 14556

Ion	Ratio	Lower	Upper
91	100		
92	53.2	26.9	80.7
134	0.0	13.6	40.7#