Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN031820\
Data File : VN060597.D
Acq On : 18 Mar 2020 17:11
Operator : JC/MD
Sample : L1917-08
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MH-F

Quant Time: Mar 19 07:10:27 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031820W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 18 08:49:09 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	196164	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	323128	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	294548	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	132956	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	125029	46.43	ug/l	0.00
Spiked Amount 50.000			Recovery = 92.86%			
35) Dibromofluoromethane	7.56	113	94813	48.53	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.06%			
50) Toluene-d8	10.08	98	397787	49.84	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.68%			
62) 4-Bromofluorobenzene	12.40	95	145442	49.73	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.46%			
Target Compounds						Qvalue
52) Toluene	10.14	92	7088	1.243	ug/l	99
67) Ethyl Benzene	11.50	91	4076	0.375	ug/l	99
68) m/p-Xylenes	11.61	106	6184	1.533	ug/l	95
69) o-Xylene	11.94	106	3133	0.813	ug/l	95
80) 1,3,5-Trimethylbenzene	12.73	105	2952	0.349	ug/l	95
84) 1,2,4-Trimethylbenzene	13.03	105	12861	1.535	ug/l	99
95) Naphthalene	15.13	128	6491	0.867	ug/l	97

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

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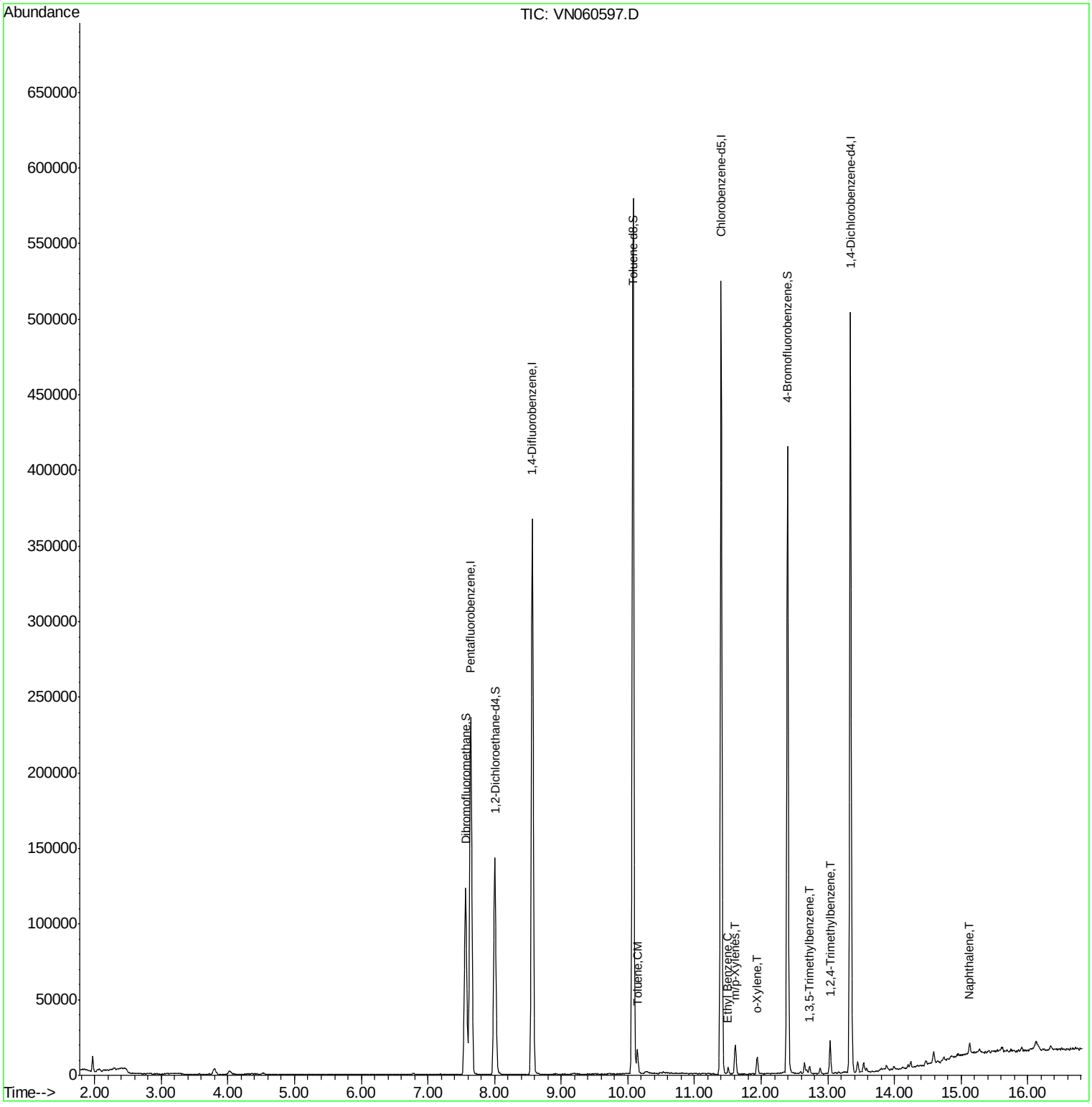
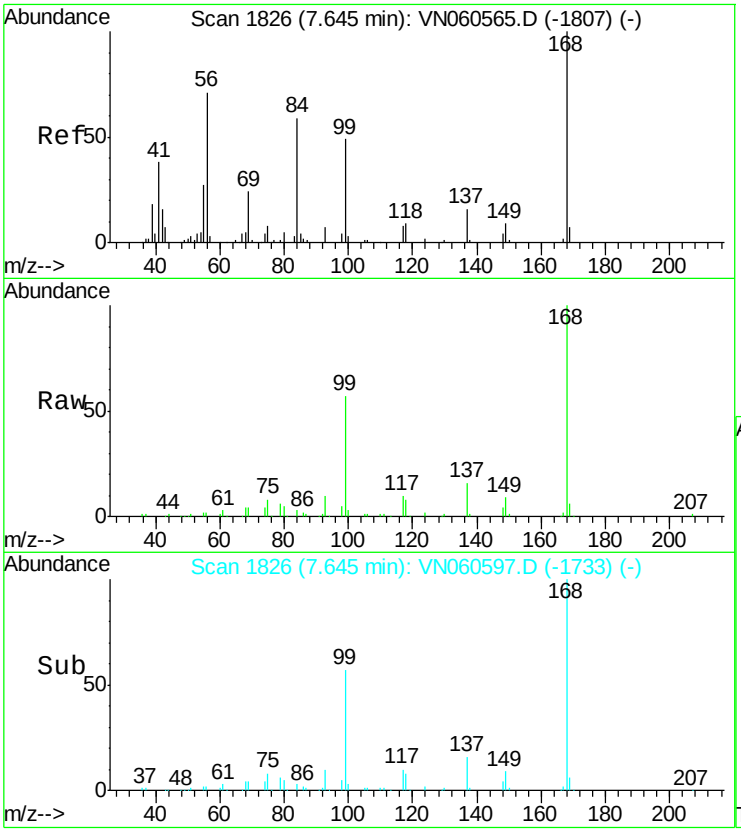


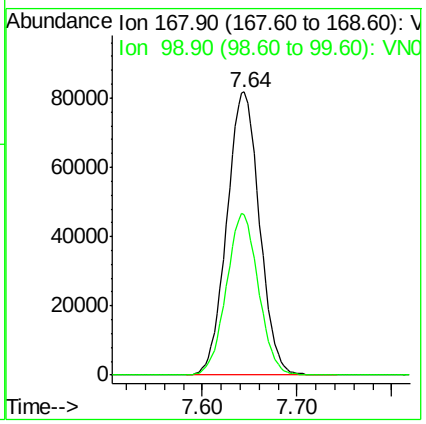


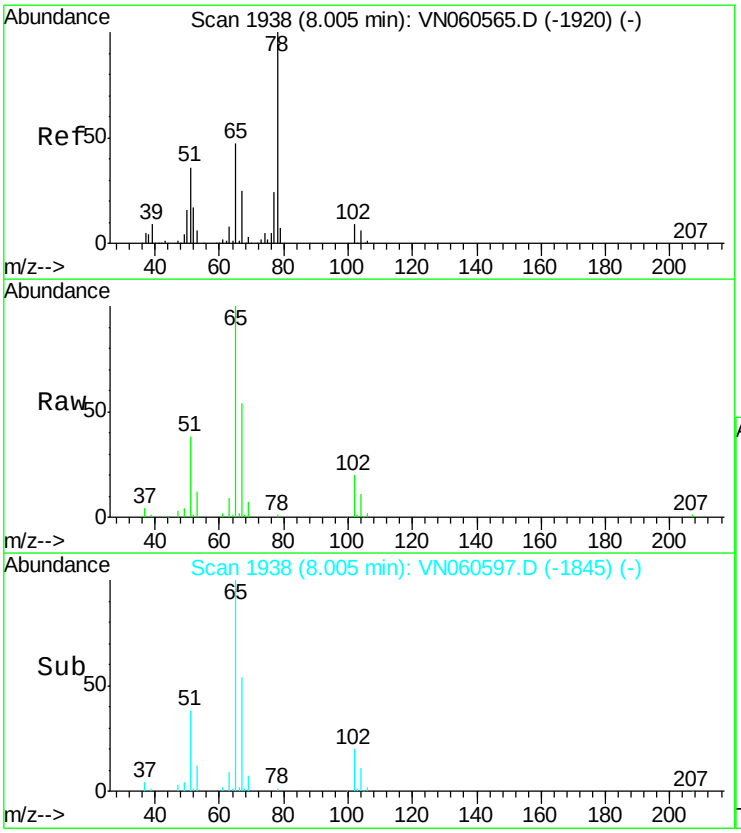
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.64 min Scan# 1826
Delta R.T. 0.00 min
Lab File: VN060597.D
Acq: 18 Mar 2020 17:11

Instrument :
MSVOA_N
ClientSampleId :
MH-F

Tgt Ion:168 Resp: 196164

Ion	Ratio	Lower	Upper
168	100		
99	56.6	44.0	66.0

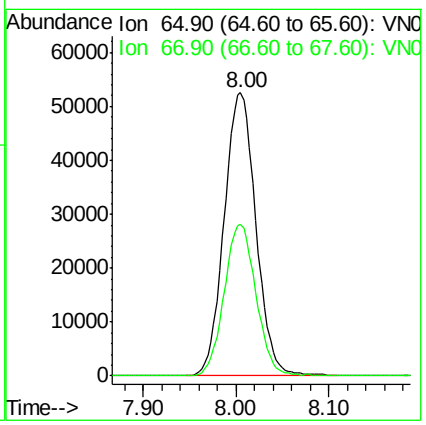


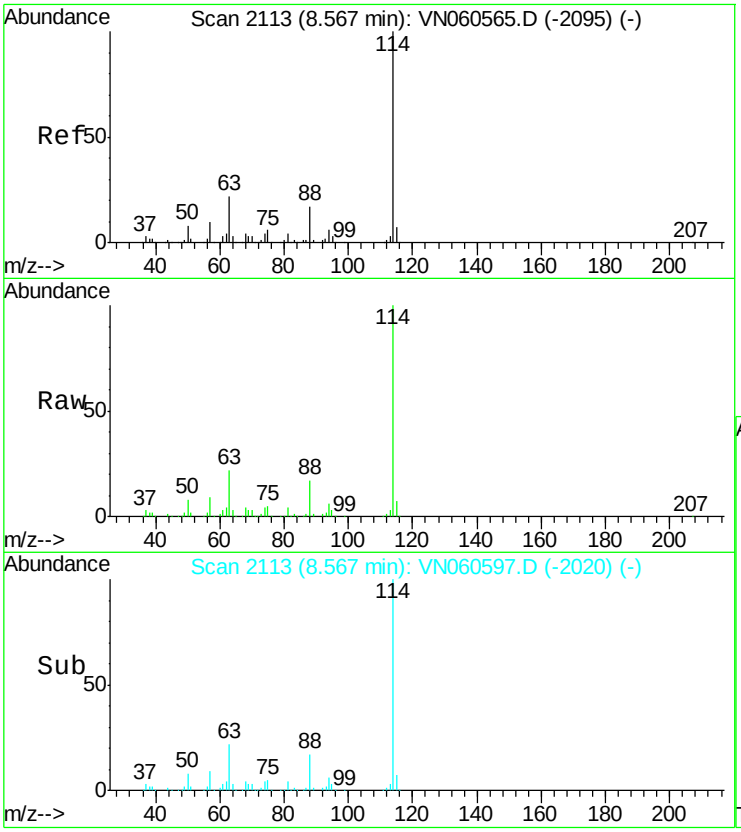


#33
1,2-Dichloroethane-d4
Concen: 46.429 ug/l
RT: 8.00 min Scan# 1938
Delta R.T. 0.00 min
Lab File: VN060597.D
Acq: 18 Mar 2020 17:11

Tgt Ion: 65 Resp: 125029

Ion	Ratio	Lower	Upper
65	100		
67	53.4	0.0	107.6



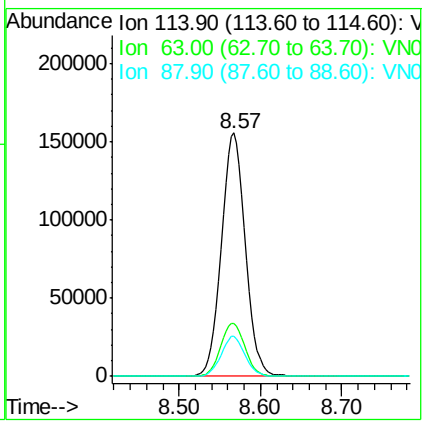


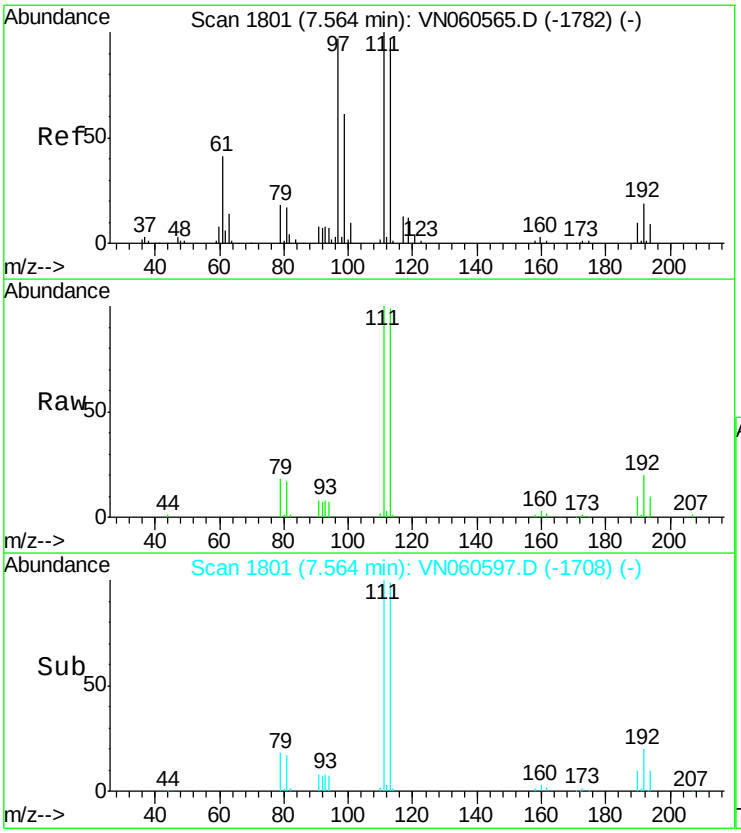
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.57 min Scan# 2113
Delta R.T. 0.00 min
Lab File: VN060597.D
Acq: 18 Mar 2020 17:11

Instrument :
MSVOA_N
ClientSampleId :
MH-F

Tgt Ion:114 Resp: 323128

Ion	Ratio	Lower	Upper
114	100		
63	21.9	0.0	43.8
88	16.6	0.0	33.0

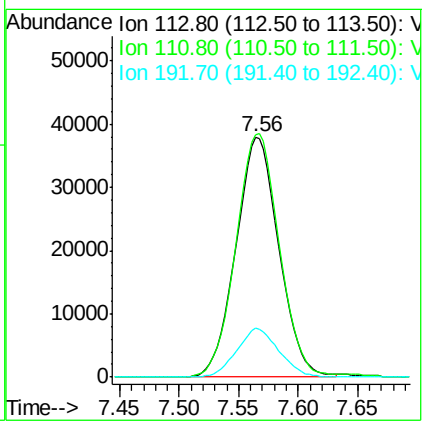


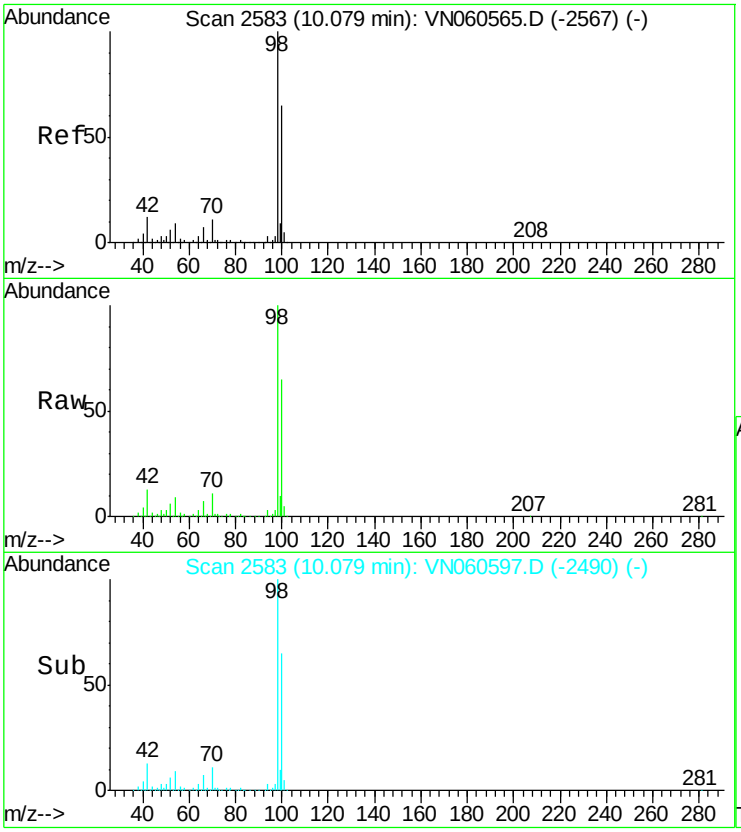


#35
Dibromofluoromethane
Concen: 48.526 ug/l
RT: 7.56 min Scan# 1801
Delta R.T. 0.00 min
Lab File: VN060597.D
Acq: 18 Mar 2020 17:11

Tgt Ion:113 Resp: 94813

Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.9	124.3
192	19.9	15.8	23.8



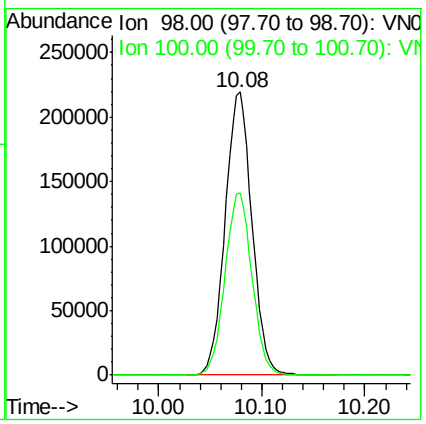


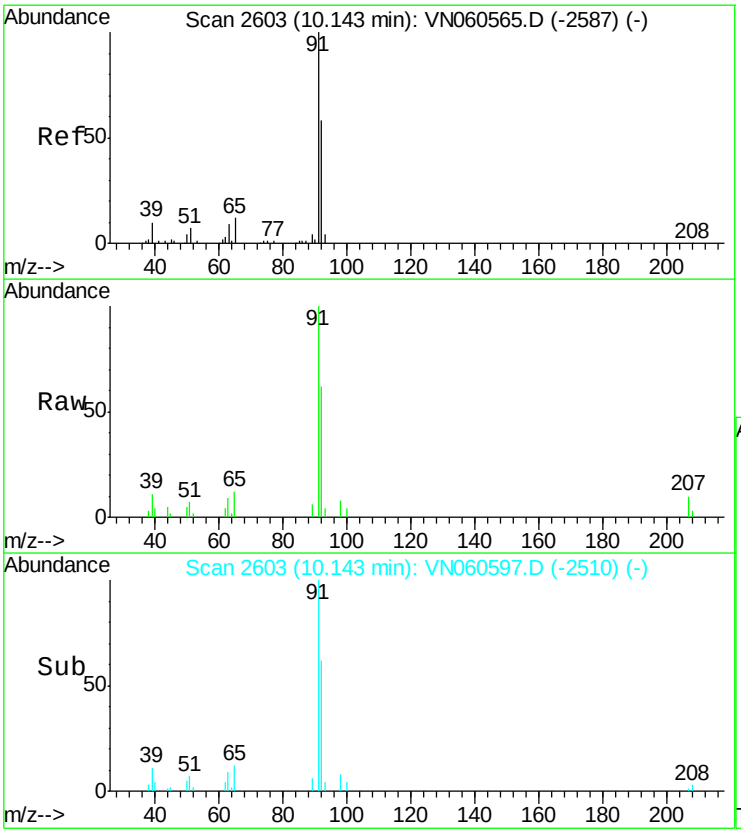
#50
Toluene-d8
Concen: 49.843 ug/l
RT: 10.08 min Scan# 2583
Delta R.T. 0.00 min
Lab File: VN060597.D
Acq: 18 Mar 2020 17:11

Instrument : MSVOA_N
ClientSampleId : MH-F

Tgt Ion: 98 Resp: 397787

Ion	Ratio	Lower	Upper
98	100		
100	64.6	51.8	77.8

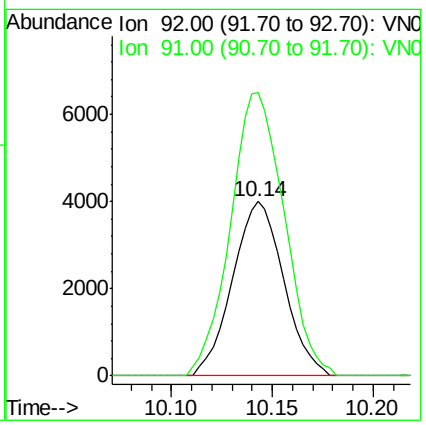


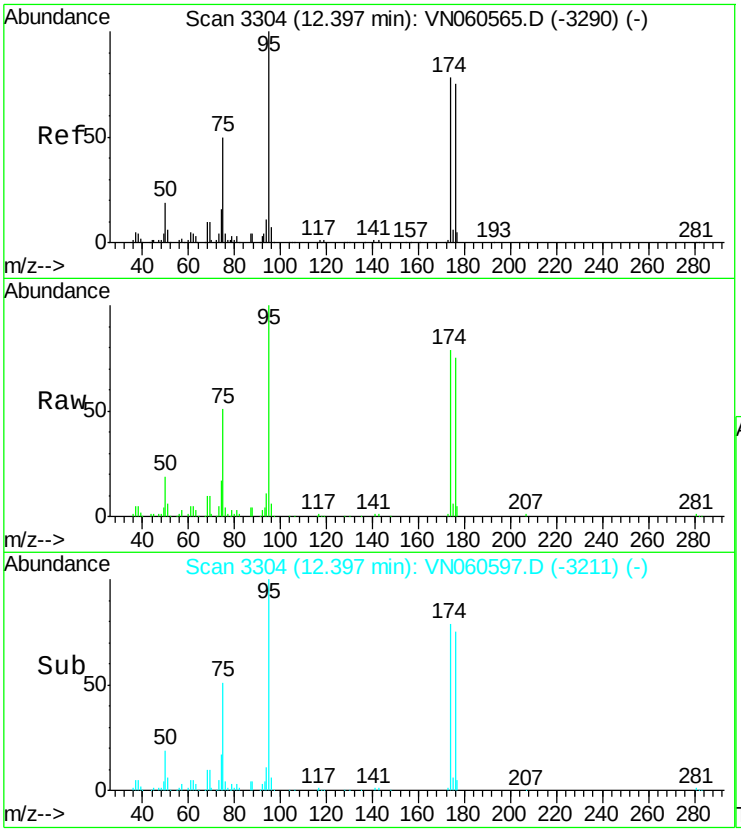


#52
Toluene
Concen: 1.243 ug/l
RT: 10.14 min Scan# 2603
Delta R.T. 0.00 min
Lab File: VN060597.D
Acq: 18 Mar 2020 17:11

Tgt Ion: 92 Resp: 7088

Ion	Ratio	Lower	Upper
92	100		
91	170.4	137.6	206.4



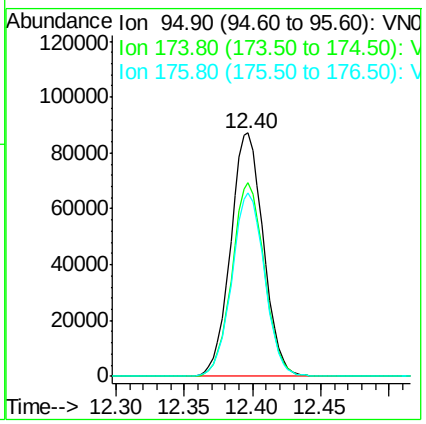


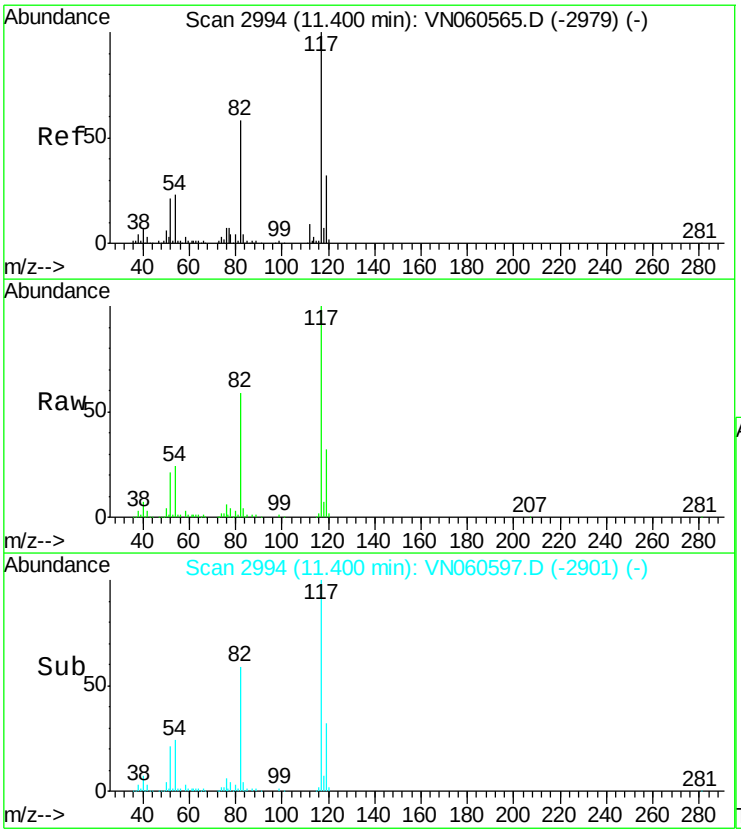
#62
4-Bromofluorobenzene
Concen: 49.727 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. 0.00 min
Lab File: VN060597.D
Acq: 18 Mar 2020 17:11

Instrument :
MSVOA_N
ClientSampleId :
MH-F

Tgt Ion: 95 Resp: 145442

Ion	Ratio	Lower	Upper
95	100		
174	78.4	0.0	157.6
176	75.1	0.0	150.6

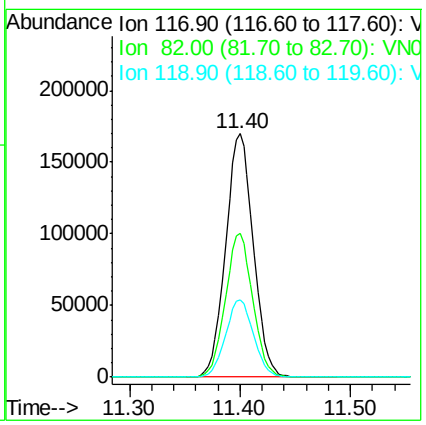


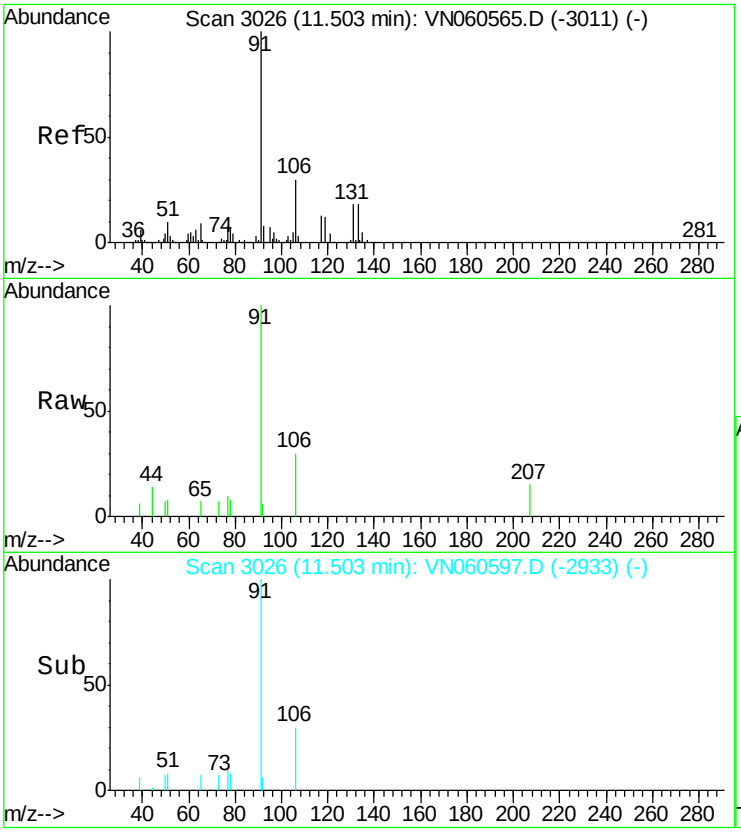


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN060597.D
Acq: 18 Mar 2020 17:11

Tgt Ion:117 Resp: 294548

Ion	Ratio	Lower	Upper
117	100		
82	58.9	46.7	70.1
119	31.9	25.5	38.3



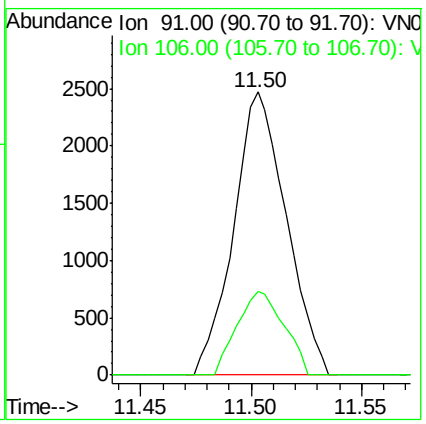


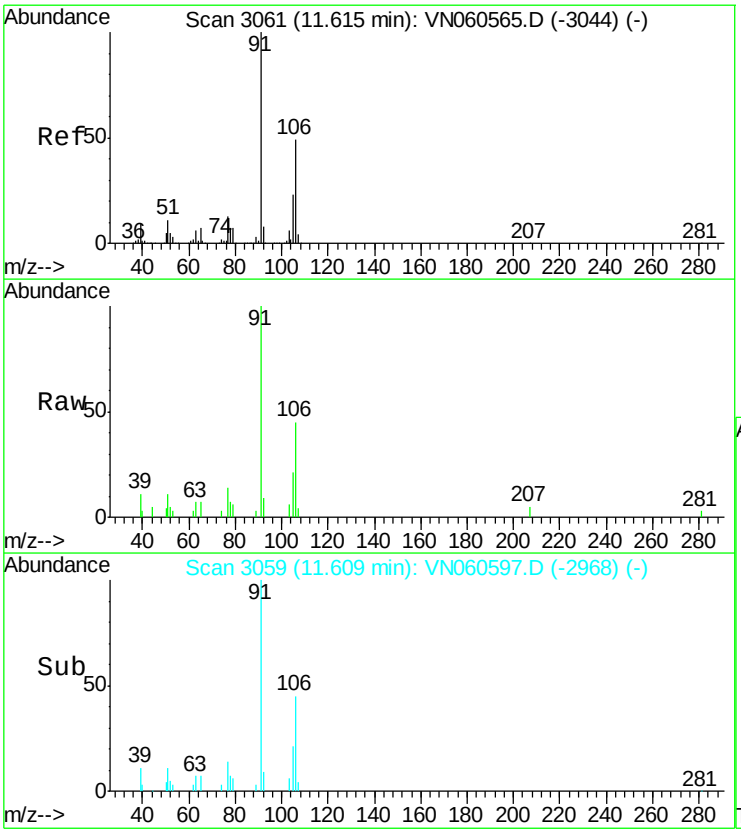
#67
Ethyl Benzene
Concen: 0.375 ug/l
RT: 11.50 min Scan# 3026
Delta R.T. 0.00 min
Lab File: VN060597.D
Acq: 18 Mar 2020 17:11

Instrument : MSVOA_N
ClientSampleId : MH-F

Tgt Ion: 91 Resp: 4076

Ion	Ratio	Lower	Upper
91	100		
106	29.7	24.2	36.2

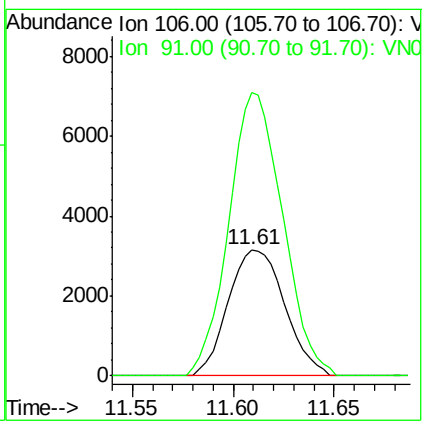


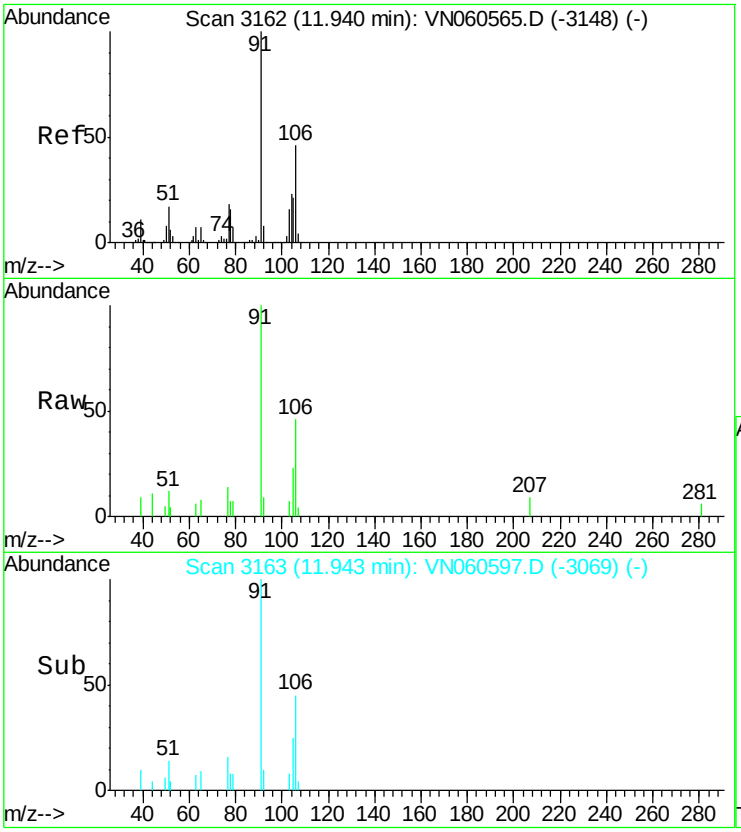


#68
m/p-Xylenes
Concen: 1.533 ug/l
RT: 11.61 min Scan# 3059
Delta R.T. -0.01 min
Lab File: VN060597.D
Acq: 18 Mar 2020 17:11

Tgt Ion:106 Resp: 6184

Ion	Ratio	Lower	Upper
106	100		
91	213.8	165.0	247.4



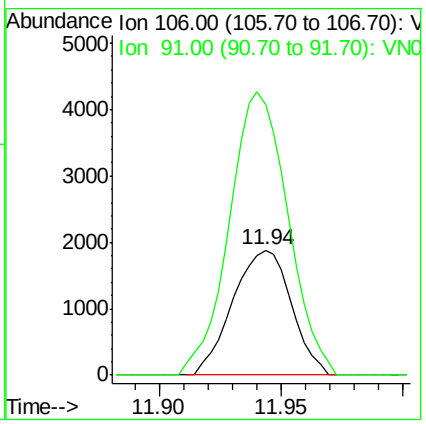


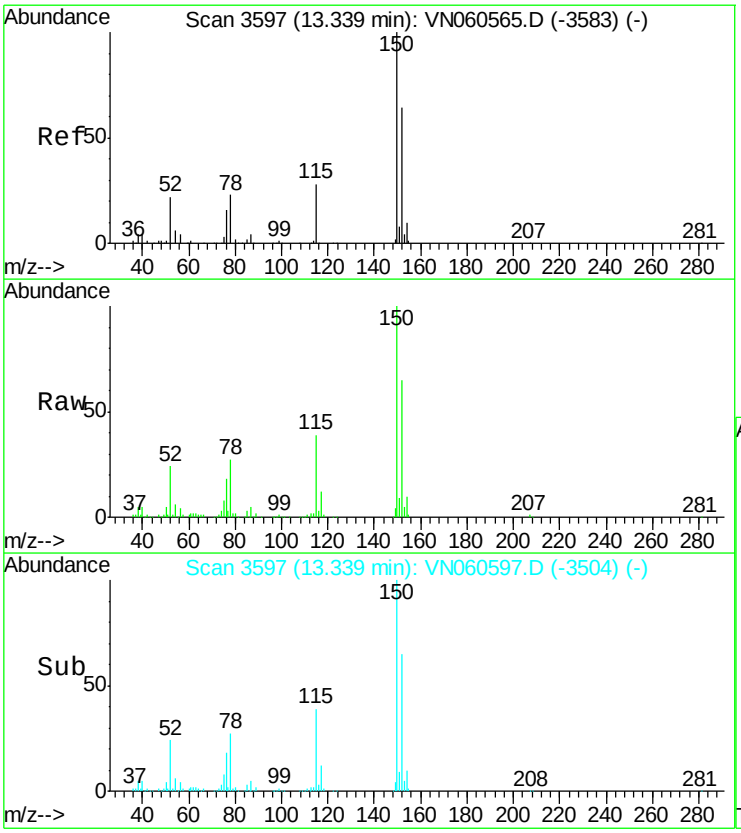
#69
o-Xylene
Concen: 0.813 ug/l
RT: 11.94 min Scan# 3163
Delta R.T. 0.00 min
Lab File: VN060597.D
Acq: 18 Mar 2020 17:11

Instrument :
MSVOA_N
ClientSampleId :
MH-F

Tgt Ion:106 Resp: 3133

Ion	Ratio	Lower	Upper
106	100		
91	226.9	109.5	328.4

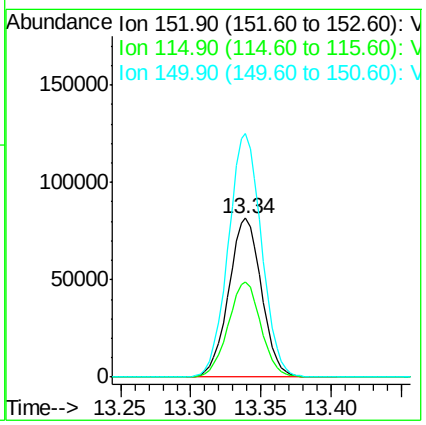


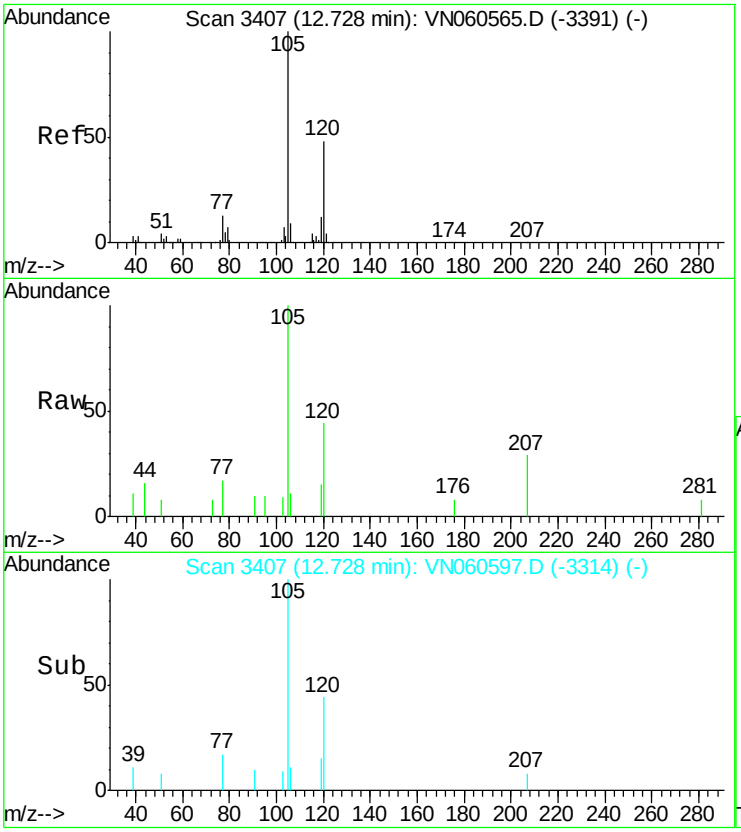


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. 0.00 min
Lab File: VN060597.D
Acq: 18 Mar 2020 17:11

Tgt Ion:152 Resp: 132956

Ion	Ratio	Lower	Upper
152	100		
115	59.9	30.2	90.6
150	155.3	0.0	350.2



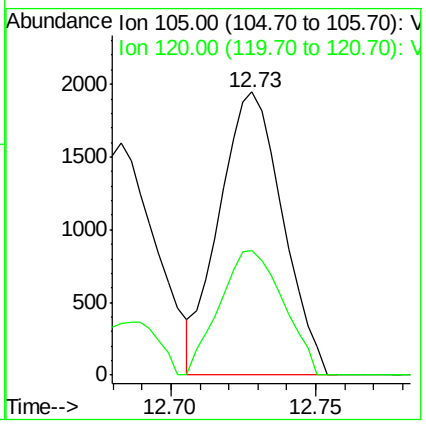


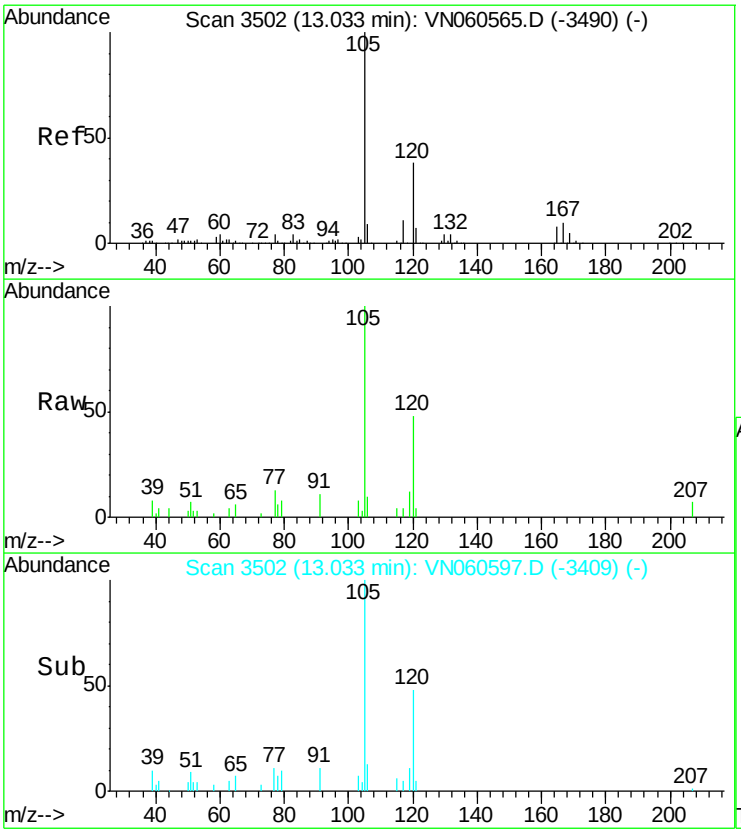
#80
1,3,5-Trimethylbenzene
Concen: 0.349 ug/l
RT: 12.73 min Scan# 3407
Delta R.T. 0.00 min
Lab File: VN060597.D
Acq: 18 Mar 2020 17:11

Instrument :
MSVOA_N
ClientSampleId :
MH-F

Tgt Ion:105 Resp: 2952

Ion	Ratio	Lower	Upper
105	100		
120	44.3	23.9	71.7

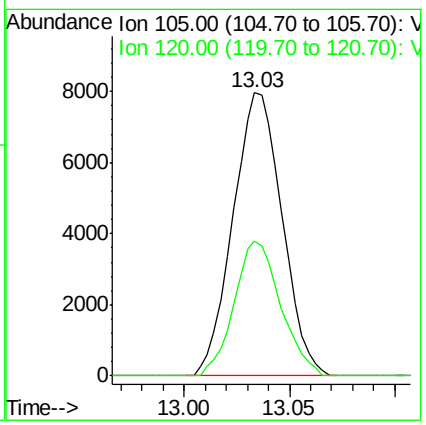


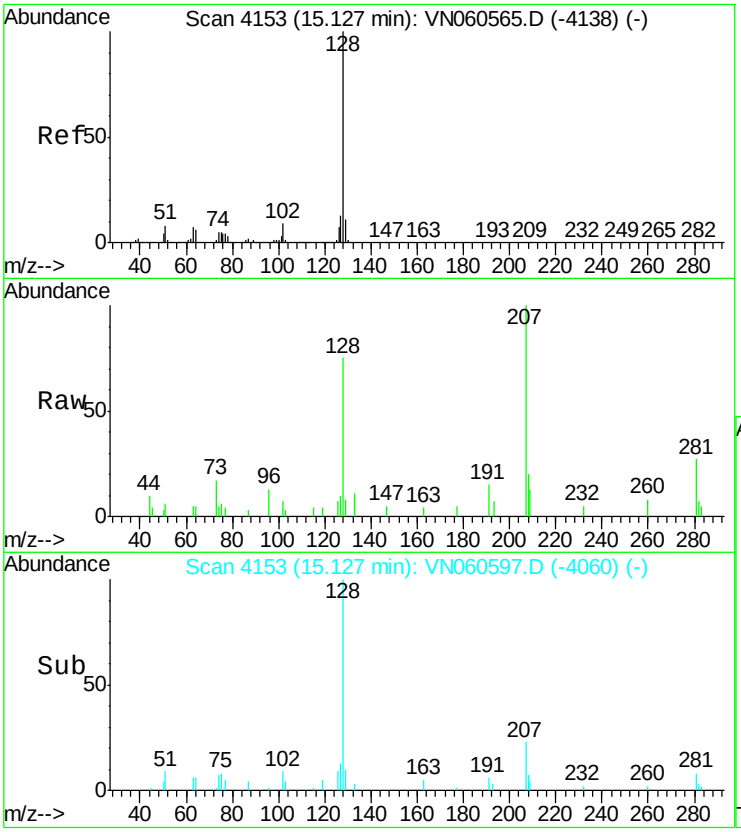


#84
1,2,4-Trimethylbenzene
Concen: 1.535 ug/l
RT: 13.03 min Scan# 3502
Delta R.T. 0.00 min
Lab File: VN060597.D
Acq: 18 Mar 2020 17:11

Tgt Ion:105 Resp: 12861

Ion	Ratio	Lower	Upper
105	100		
120	44.8	22.1	66.5





#95
Naphthalene
Concen: 0.867 ug/l
RT: 15.13 min Scan# 4153
Delta R.T. 0.00 min
Lab File: VN060597.D
Acq: 18 Mar 2020 17:11

Instrument :
MSVOA_N
ClientSampleId :
MH-F

Tgt Ion:128 Resp: 6491

Ion	Ratio	Lower	Upper
128	100		
127	12.3	10.2	15.2
129	9.3	8.8	13.2