Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN012820\
Data File : VN059894.D
Acq On : 28 Jan 2020 13:56
Operator : JC/MD
Sample : L1267-03 100X
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : 40329

Quant Time: Jan 28 22:38:09 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011320W.M
Quant Title : SW846 8260
QLast Update : Sat Jan 18 03:09:32 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	227635	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	341155	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	302786	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	131218	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	118283	46.79	ug/l	0.00
Spiked Amount 50.000			Recovery =	93.58%		
35) Dibromofluoromethane	7.56	113	101359	49.82	ug/l	0.00
Spiked Amount 50.000			Recovery =	99.64%		
50) Toluene-d8	10.08	98	401626	50.95	ug/l	0.00
Spiked Amount 50.000			Recovery =	101.90%		
62) 4-Bromofluorobenzene	12.40	95	134627	47.38	ug/l	0.00
Spiked Amount 50.000			Recovery =	94.76%		
Target Compounds						Qvalue
67) Ethyl Benzene	11.50	91	3861	0.357	ug/l	98
68) m/p-Xylenes	11.61	106	5700	1.397	ug/l	91
69) o-Xylene	11.94	106	3937	0.985	ug/l	97
80) 1,3,5-Trimethylbenzene	12.73	105	6572	0.812	ug/l	96
84) 1,2,4-Trimethylbenzene	13.04	105	26987	3.370	ug/l	97
89) n-Butylbenzene	13.61	91	2552	0.352	ug/l #	83
95) Naphthalene	15.13	128	63535	8.883	ug/l	95

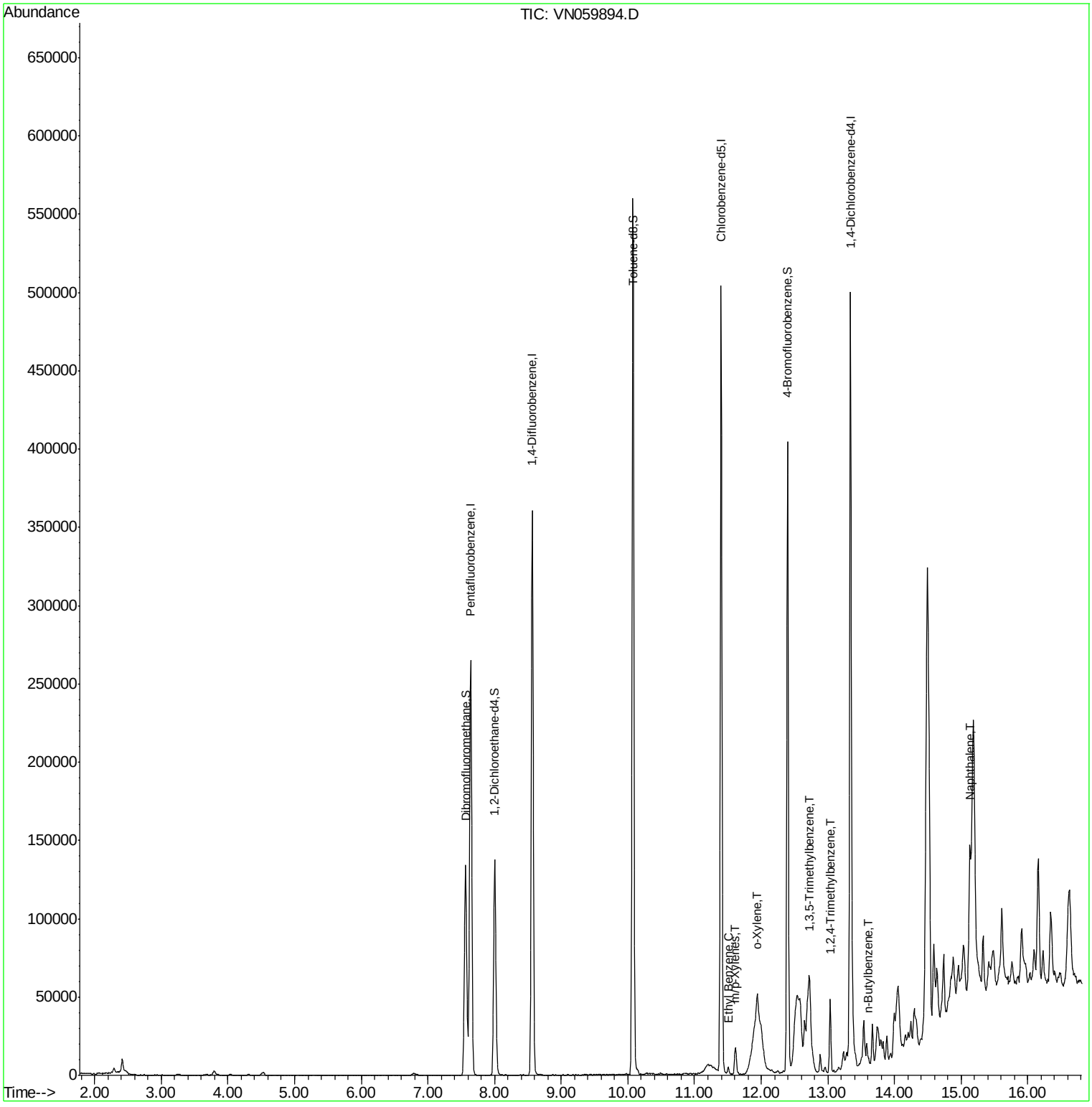
(#) = qualifier out of range (m) = manual integration (+) = signals summed

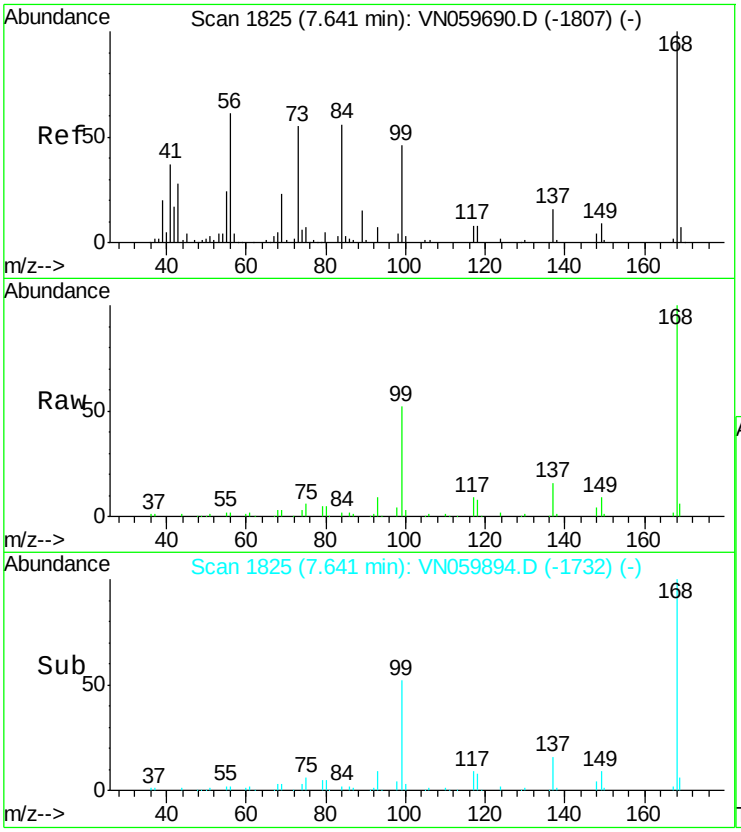
Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN012820\
Data File : VN059894.D
Acq On : 28 Jan 2020 13:56
Operator : JC/MD
Sample : L1267-03 100X
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
40329

Quant Time: Jan 28 22:38:09 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011320W.M
Quant Title : SW846 8260
QLast Update : Sat Jan 18 03:09:32 2020
Response via : Initial Calibration



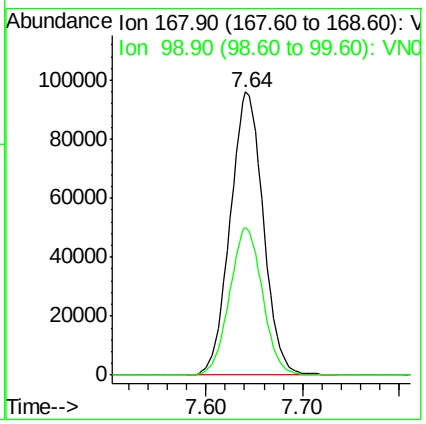


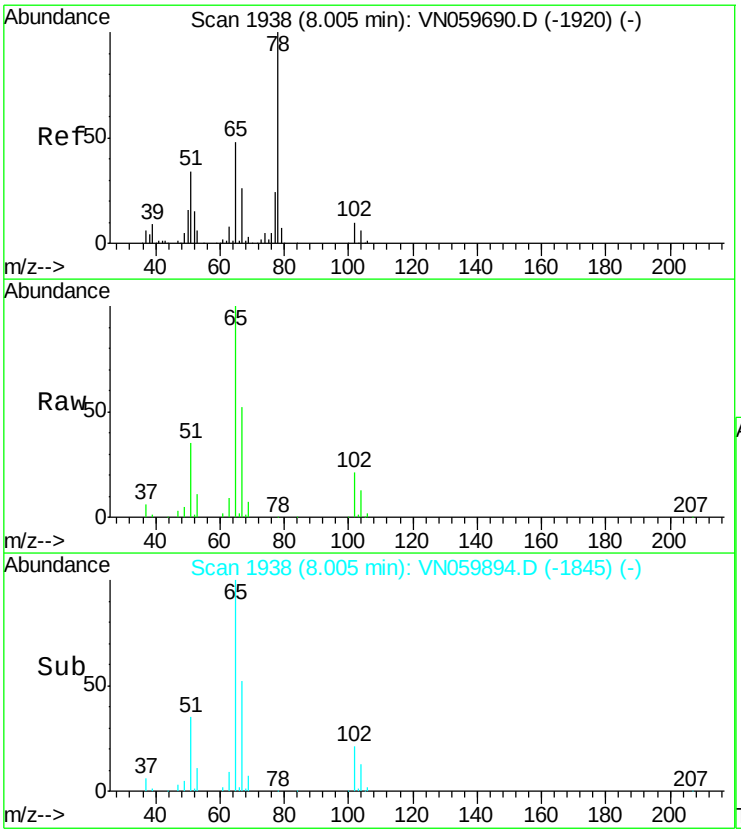
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.64 min Scan# 1825
Delta R.T. 0.00 min
Lab File: VN059894.D
Acq: 28 Jan 2020 13:56

Instrument :
MSVOA_N
ClientSampleId :
40329

Tgt Ion:168 Resp: 227635

Ion	Ratio	Lower	Upper
168	100		
99	52.3	48.2	72.4

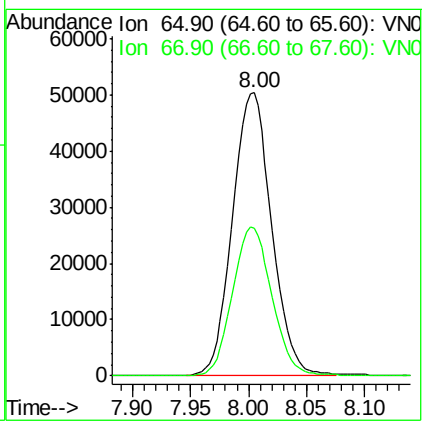


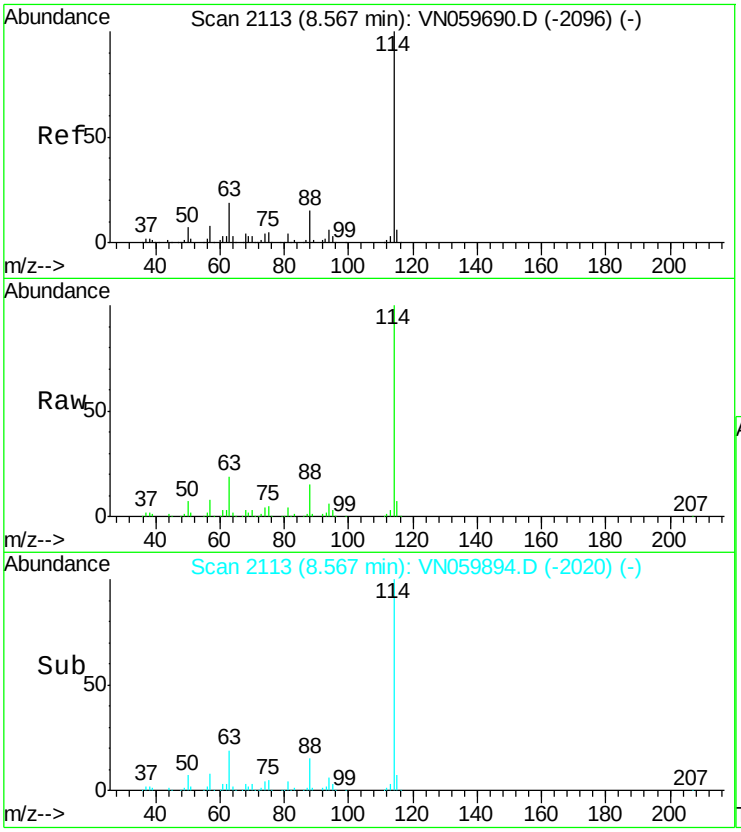


#33
1,2-Dichloroethane-d4
Concen: 46.790 ug/l
RT: 8.00 min Scan# 1938
Delta R.T. 0.00 min
Lab File: VN059894.D
Acq: 28 Jan 2020 13:56

Tgt Ion: 65 Resp: 118283

Ion	Ratio	Lower	Upper
65	100		
67	52.9	0.0	103.0



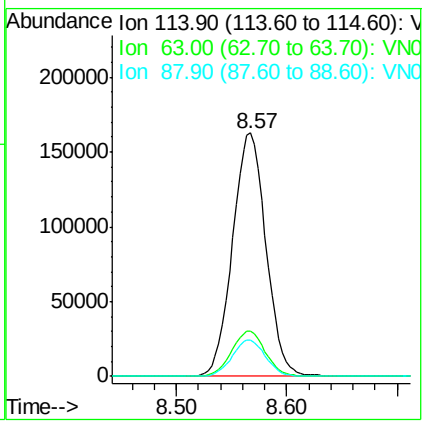


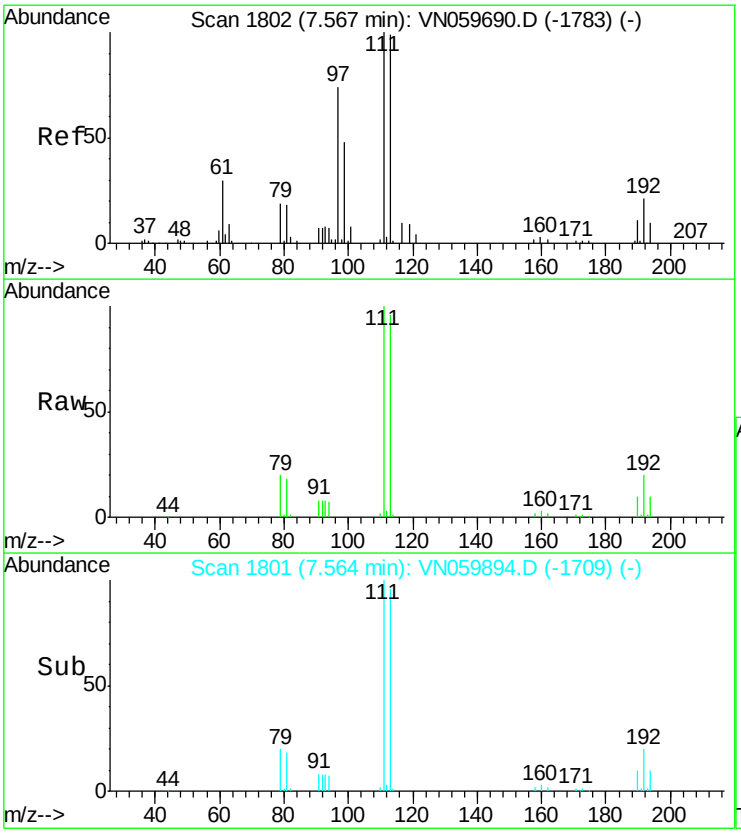
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.57 min Scan# 2113
Delta R.T. 0.00 min
Lab File: VN059894.D
Acq: 28 Jan 2020 13:56

Instrument : MSVOA_N
ClientSampleId : 40329

Tgt Ion:114 Resp: 341155

Ion	Ratio	Lower	Upper
114	100		
63	18.6	0.0	43.6
88	14.9	0.0	31.4

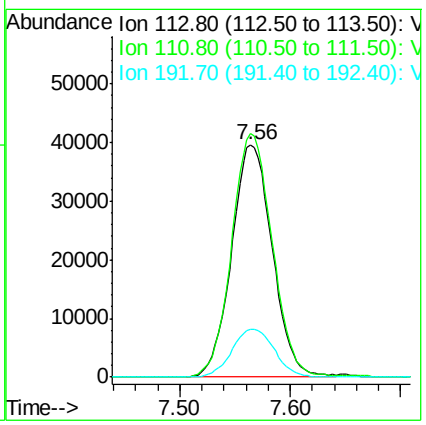


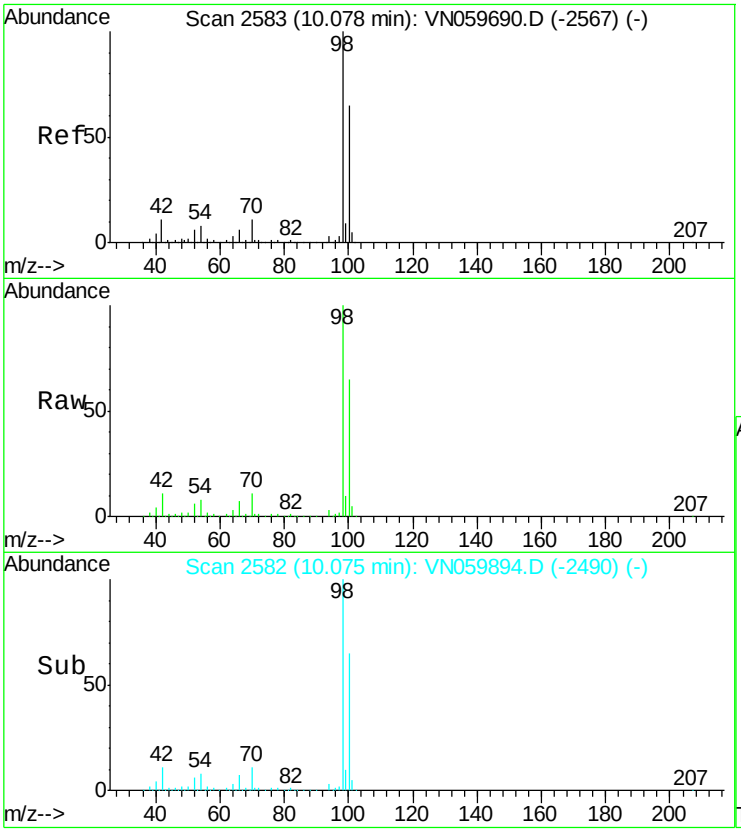


#35
Dibromofluoromethane
Concen: 49.821 ug/l
RT: 7.56 min Scan# 1801
Delta R.T. -0.00 min
Lab File: VN059894.D
Acq: 28 Jan 2020 13:56

Tgt Ion:113 Resp: 101359

Ion	Ratio	Lower	Upper
113	100		
111	104.8	83.5	125.3
192	21.4	15.4	23.2



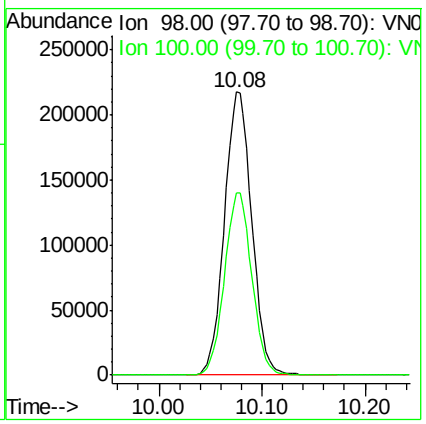


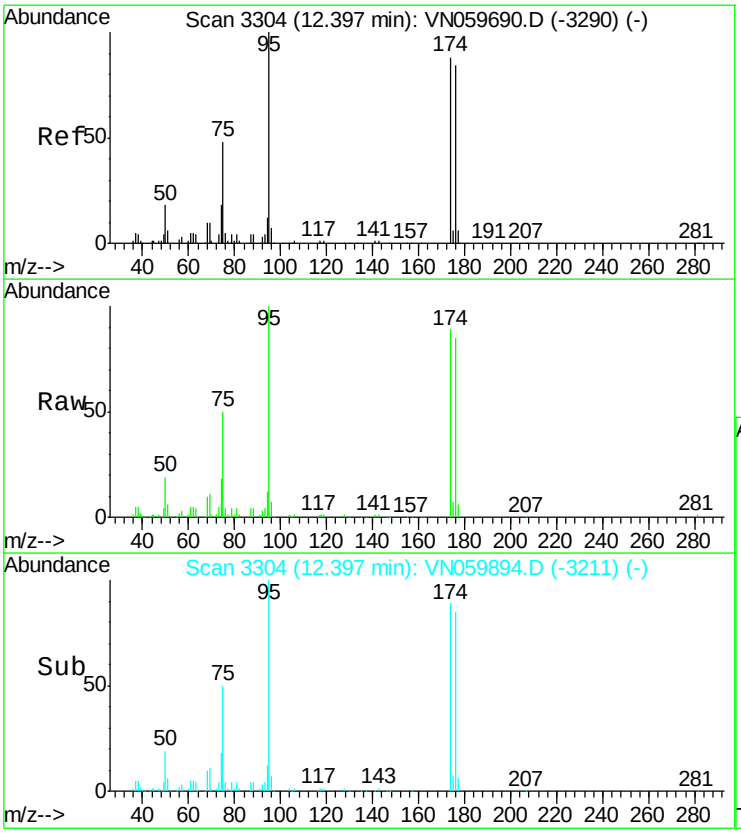
#50
Toluene-d8
Concen: 50.951 ug/l
RT: 10.08 min Scan# 2582
Delta R.T. -0.00 min
Lab File: VN059894.D
Acq: 28 Jan 2020 13:56

Instrument : MSVOA_N
ClientSampleId : 40329

Tgt Ion: 98 Resp: 401626

Ion	Ratio	Lower	Upper
98	100		
100	64.4	51.2	76.8

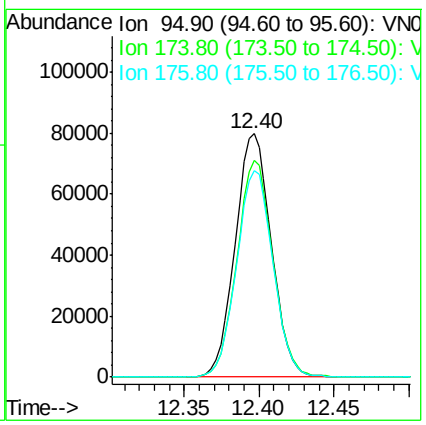


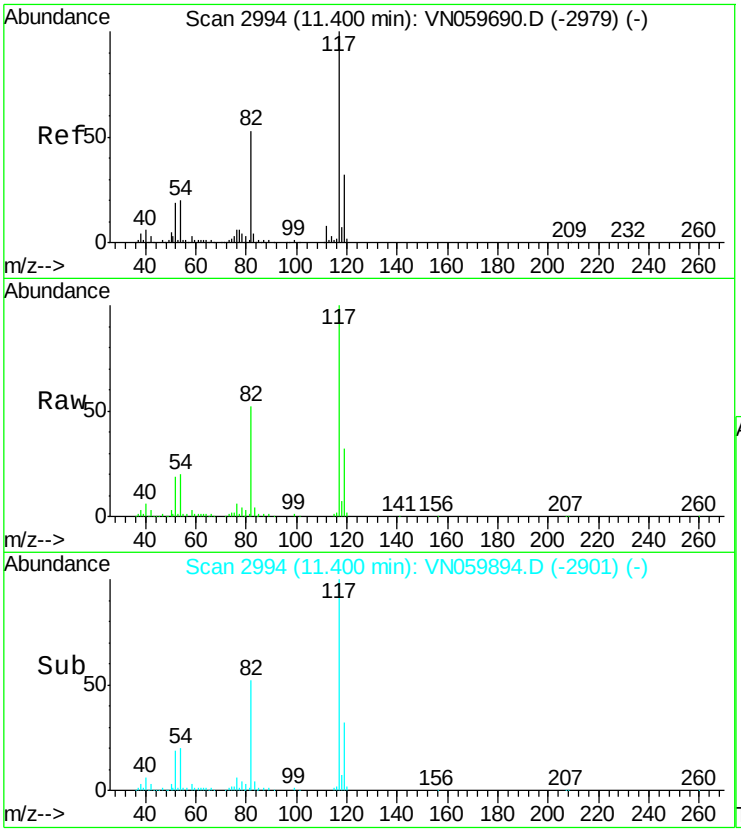


#62
4-Bromofluorobenzene
Concen: 47.377 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. 0.00 min
Lab File: VN059894.D
Acq: 28 Jan 2020 13:56

Tgt Ion: 95 Resp: 134627

Ion	Ratio	Lower	Upper
95	100		
174	88.4	0.0	151.4
176	85.2	0.0	146.0



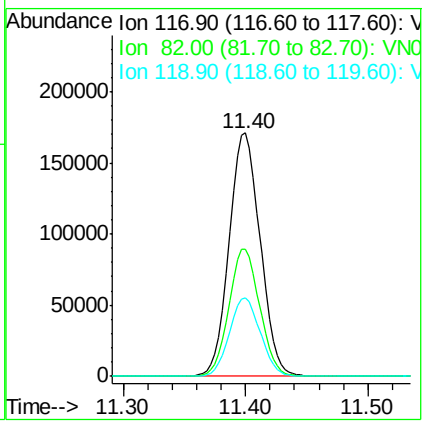


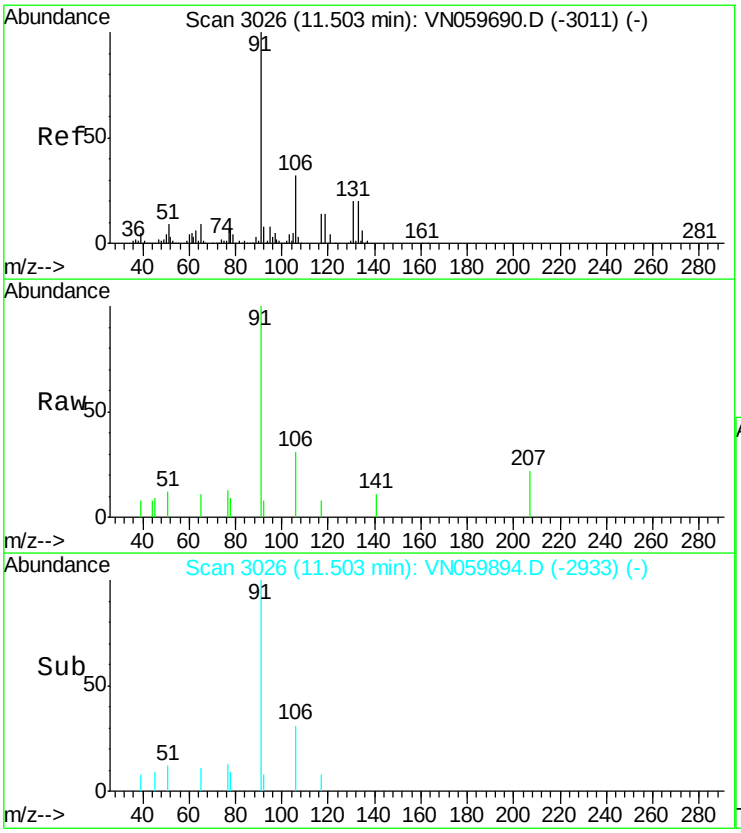
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN059894.D
Acq: 28 Jan 2020 13:56

Instrument : MSVOA_N
ClientSampleId : 40329

Tgt Ion:117 Resp: 302786

Ion	Ratio	Lower	Upper
117	100		
82	52.4	45.9	68.9
119	32.3	25.5	38.3

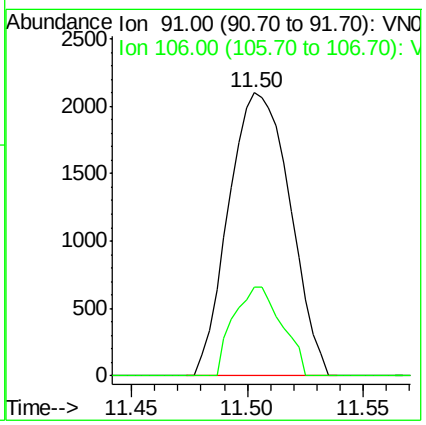


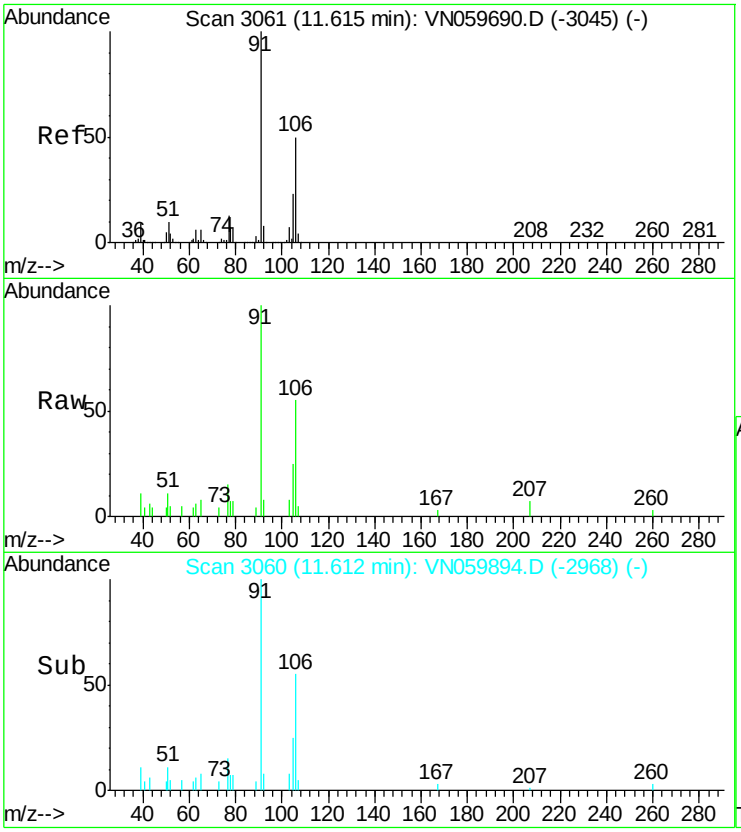


#67
Ethyl Benzene
Concen: 0.357 ug/l
RT: 11.50 min Scan# 3026
Delta R.T. 0.00 min
Lab File: VN059894.D
Acq: 28 Jan 2020 13:56

Tgt Ion: 91 Resp: 3861

Ion	Ratio	Lower	Upper
91	100		
106	31.2	24.1	36.1



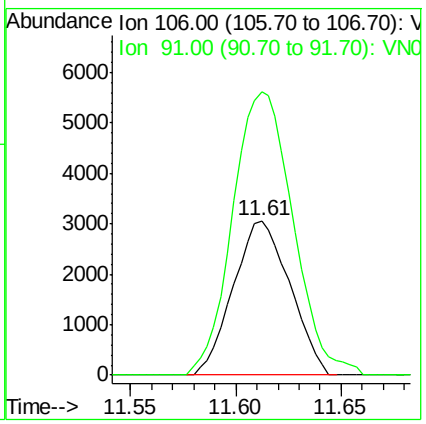


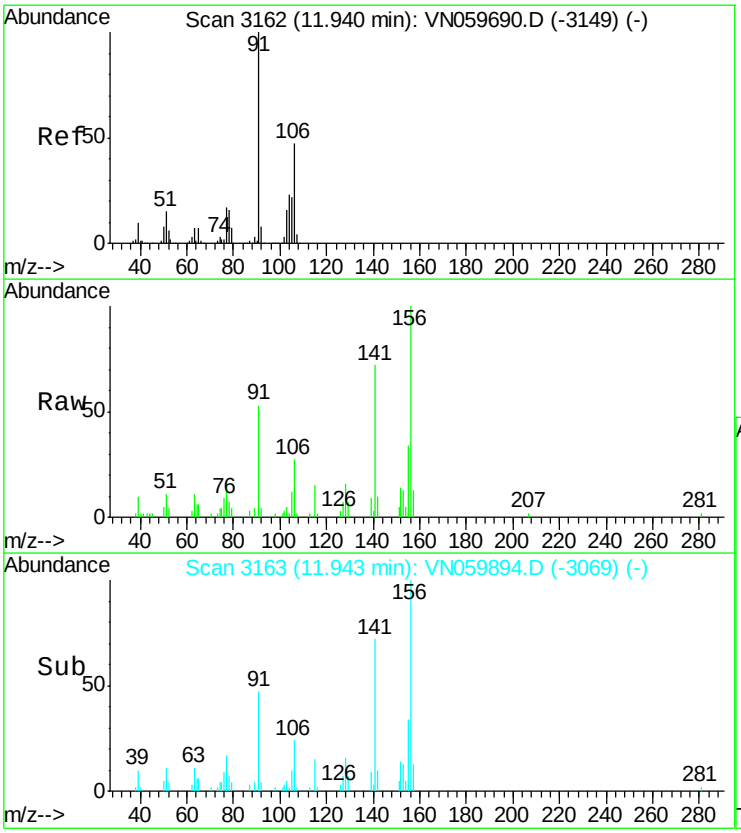
#68
m/p-Xylenes
Concen: 1.397 ug/l
RT: 11.61 min Scan# 3060
Delta R.T. -0.00 min
Lab File: VN059894.D
Acq: 28 Jan 2020 13:56

Instrument : MSVOA_N
ClientSampleId : 40329

Tgt Ion:106 Resp: 5700

Ion	Ratio	Lower	Upper
106	100		
91	196.2	167.9	251.9

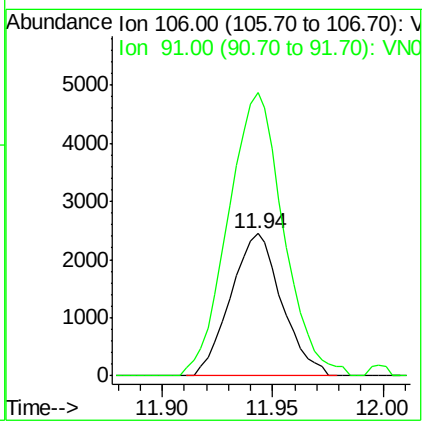


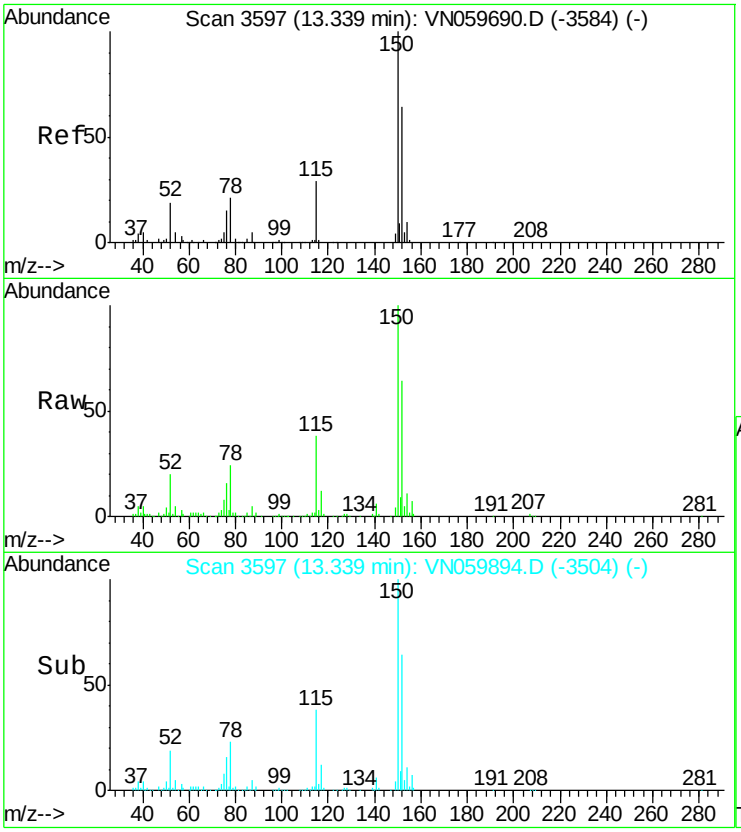


#69
o-Xylene
Concen: 0.985 ug/l
RT: 11.94 min Scan# 3163
Delta R.T. 0.00 min
Lab File: VN059894.D
Acq: 28 Jan 2020 13:56

Tgt Ion:106 Resp: 3937

Ion	Ratio	Lower	Upper
106	100		
91	215.5	110.3	330.9



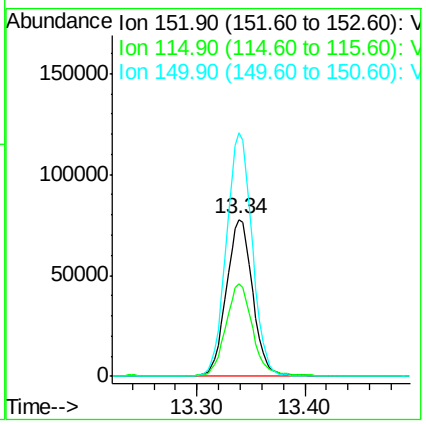


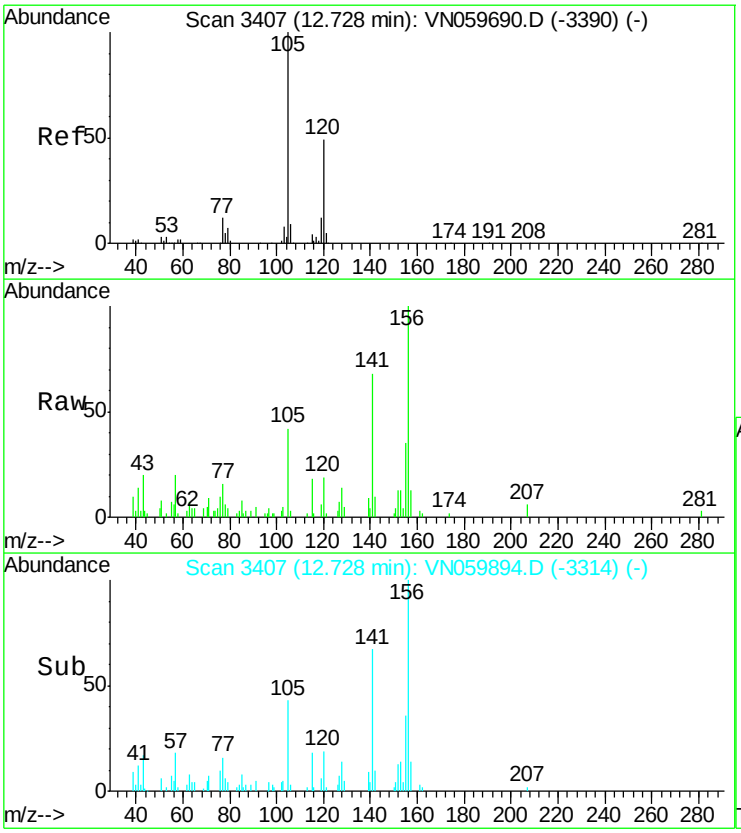
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. 0.00 min
Lab File: VN059894.D
Acq: 28 Jan 2020 13:56

Instrument : MSVOA_N
ClientSampleId : 40329

Tgt Ion:152 Resp: 131218

Ion	Ratio	Lower	Upper
152	100		
115	60.5	30.3	90.9
150	153.5	0.0	345.2

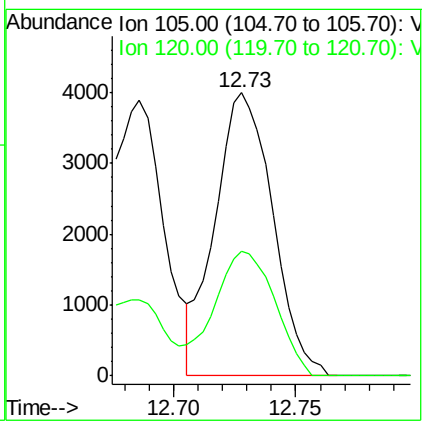


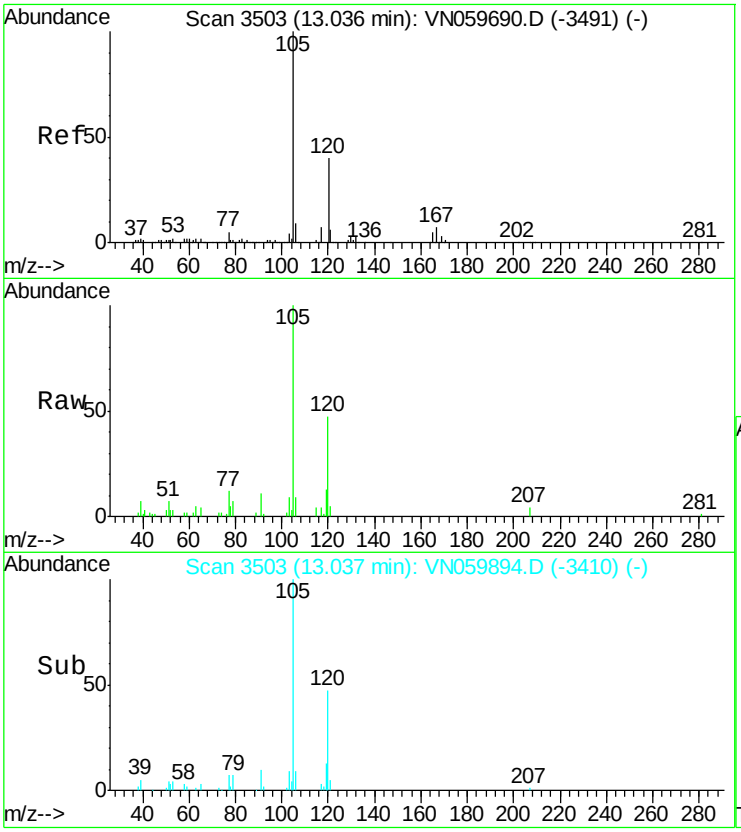


#80
1,3,5-Trimethylbenzene
Concen: 0.812 ug/l
RT: 12.73 min Scan# 3407
Delta R.T. 0.00 min
Lab File: VN059894.D
Acq: 28 Jan 2020 13:56

Tgt Ion:105 Resp: 6572

Ion	Ratio	Lower	Upper
105	100		
120	45.9	24.1	72.4



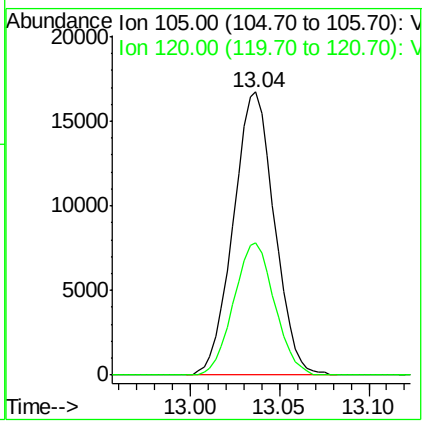


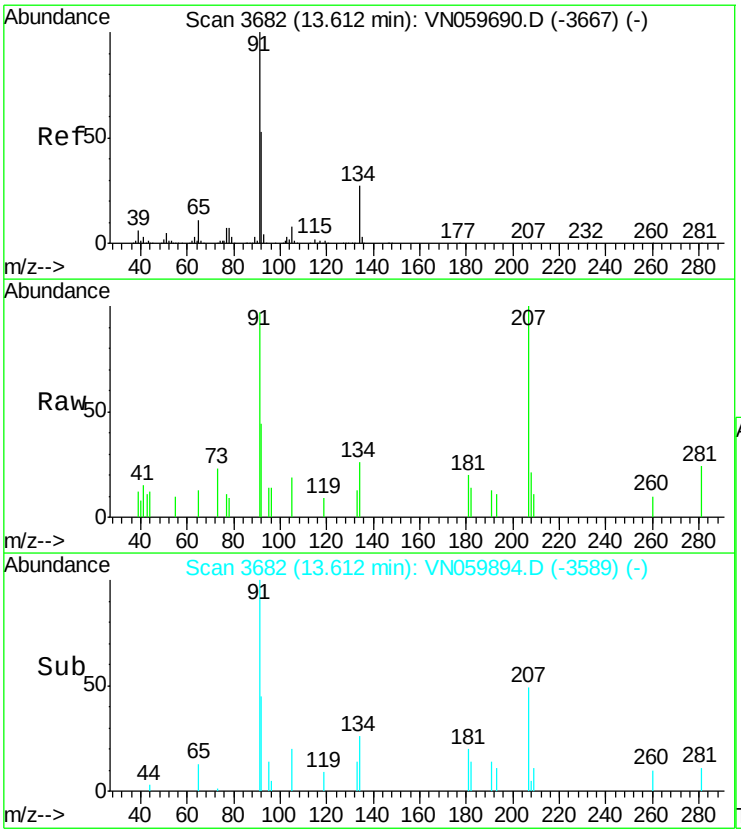
#84
1,2,4-Trimethylbenzene
Concen: 3.370 ug/l
RT: 13.04 min Scan# 3503
Delta R.T. 0.00 min
Lab File: VN059894.D
Acq: 28 Jan 2020 13:56

Instrument : MSVOA_N
ClientSampleId : 40329

Tgt Ion:105 Resp: 26987

Ion	Ratio	Lower	Upper
105	100		
120	46.3	22.3	66.9

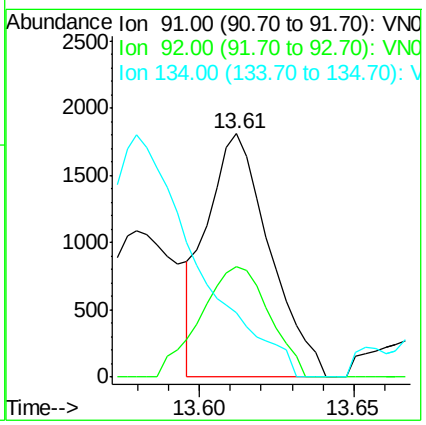


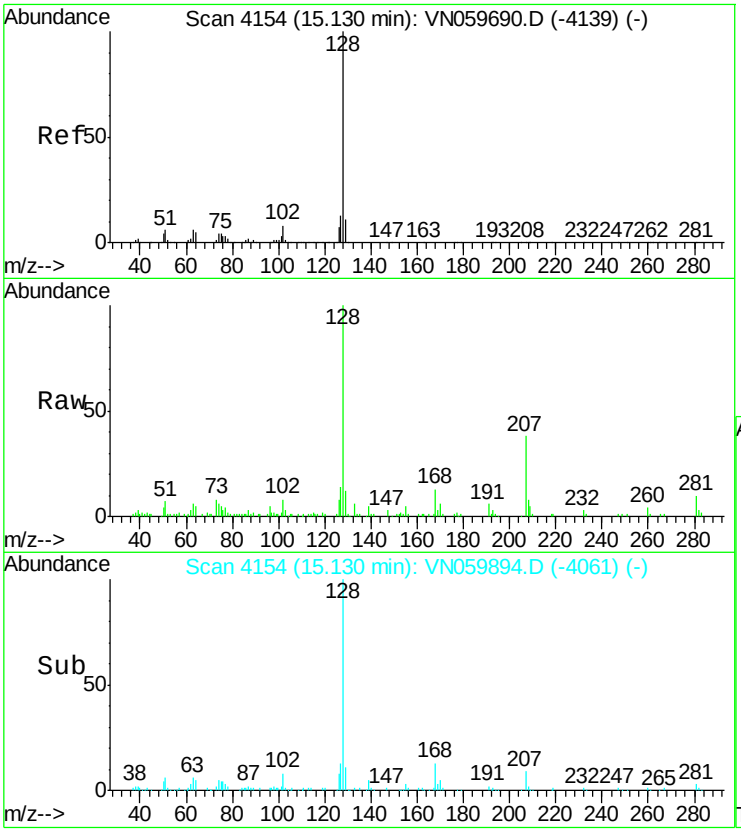


#89
n-Butylbenzene
Concen: 0.352 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. 0.00 min
Lab File: VN059894.D
Acq: 28 Jan 2020 13:56

Tgt Ion: 91 Resp: 2552

Ion	Ratio	Lower	Upper
91	100		
92	50.2	25.9	77.7
134	0.0	12.3	36.8#





#95
Naphthalene
Concen: 8.883 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. 0.00 min
Lab File: VN059894.D
Acq: 28 Jan 2020 13:56

Instrument :
MSVOA_N
ClientSampleId :
40329

Tgt Ion:128 Resp: 63535

Ion	Ratio	Lower	Upper
128	100		
127	15.4	10.4	15.6
129	12.4	8.6	12.8