Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN112219\
Data File : VN059374.D
Acq On : 22 Nov 2019 18:42
Operator : JC/SP
Sample : K5957-10DL 50X
Misc : 5.69g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MW-4-(16-18)DL

Quant Time: Nov 27 06:33:45 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112019W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 21 08:44:45 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	357355	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	548332	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	475831	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	194110	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	203349	47.43	ug/l	0.00
Spiked Amount 50.000			Recovery = 94.86%			
35) Dibromofluoromethane	7.57	113	162145	49.29	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.58%			
50) Toluene-d8	10.08	98	661970	50.62	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.24%			
62) 4-Bromofluorobenzene	12.40	95	224154	49.02	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.04%			
Target Compounds						Qvalue
67) Ethyl Benzene	11.51	91	32916	1.802	ug/l	94
68) m/p-Xylenes	11.62	106	21458	3.161	ug/l	95
73) Isopropylbenzene	12.25	105	45015	2.831	ug/l	100
78) n-propylbenzene	12.59	91	136909	7.601	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	246083	18.410	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	707233	54.012	ug/l	99
85) sec-Butylbenzene	13.17	105	79717	5.254	ug/l #	73
86) p-Isopropyltoluene	13.29	119	72357	5.359	ug/l	99

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

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MSVOA_N
ClientSampleId :
MW-4-(16-18)DL

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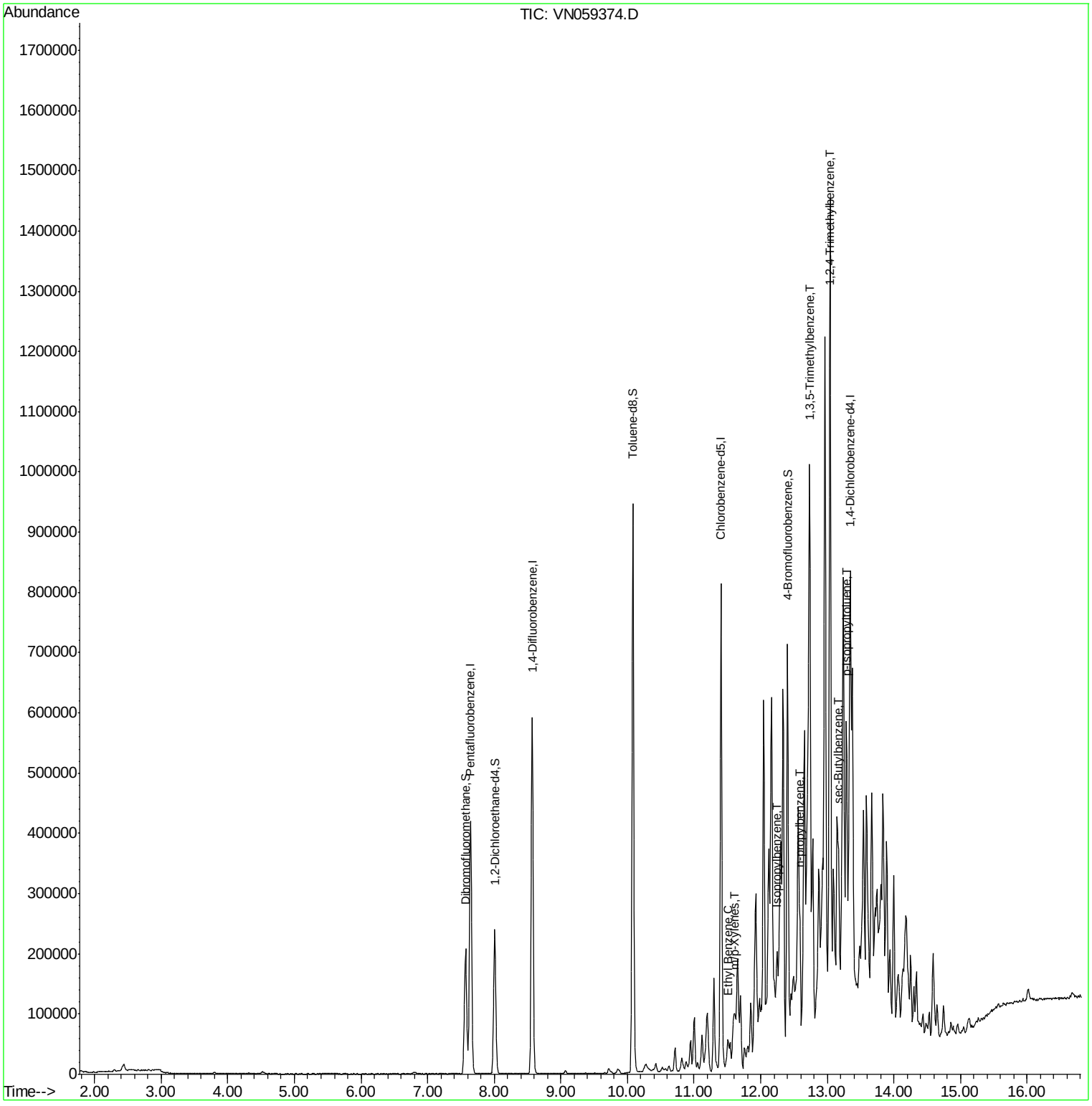
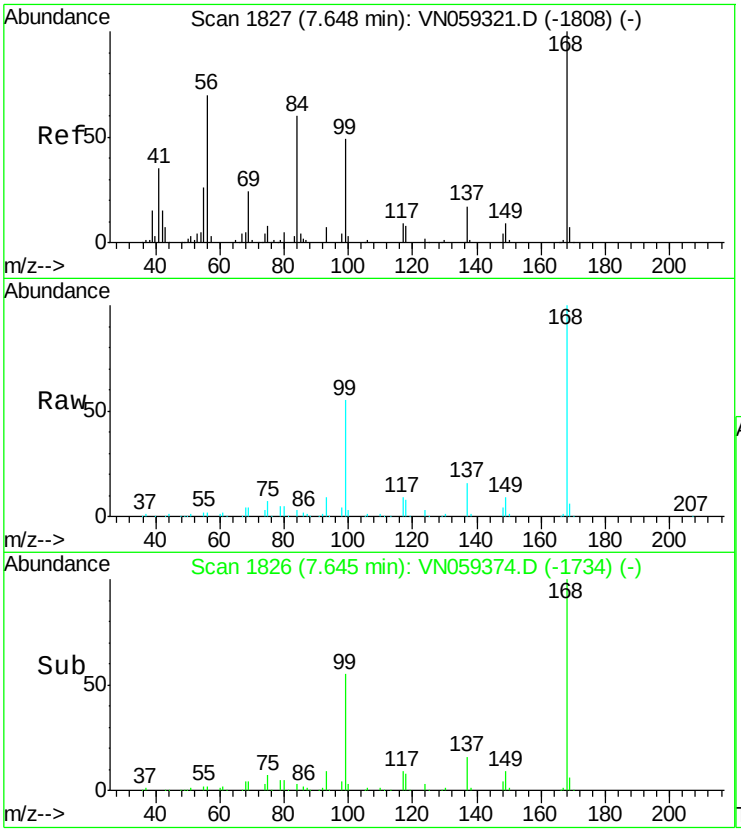


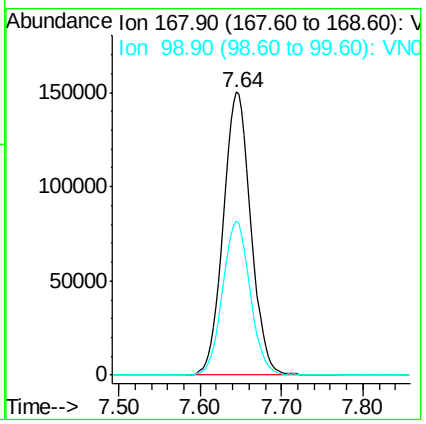


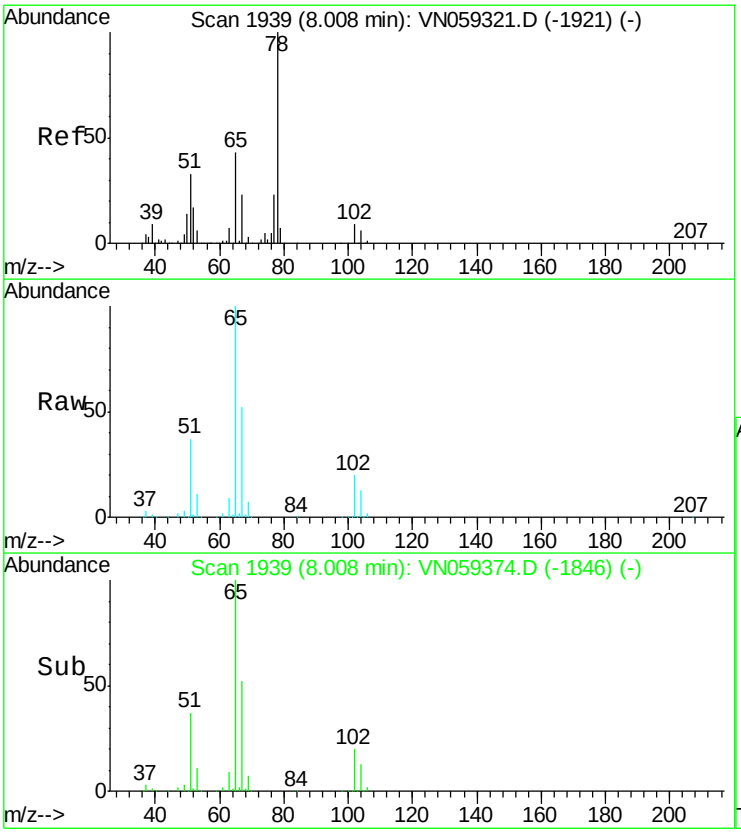
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.64 min Scan# 1826
Delta R.T. -0.00 min
Lab File: VN059374.D
Acq: 22 Nov 2019 18:42

Instrument :
MSVOA_N
ClientSampleId :
MW-4-(16-18)DL

Tgt Ion:168 Resp: 357355

Ion	Ratio	Lower	Upper
168	100		
99	54.5	44.6	66.8

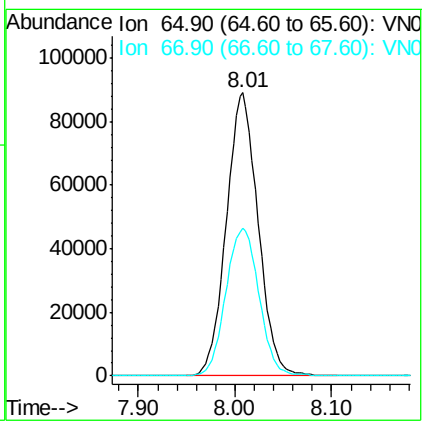


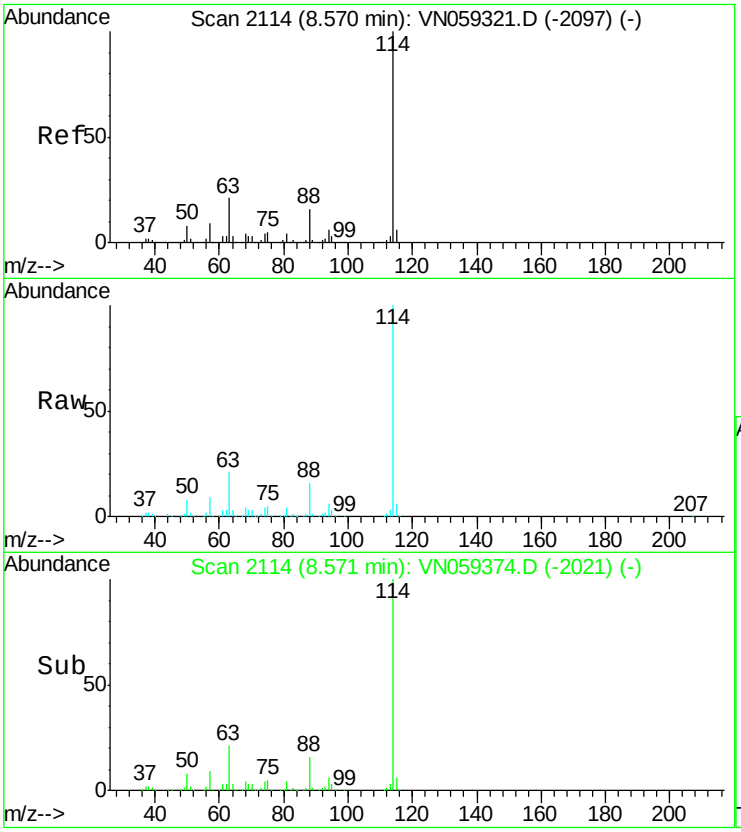


#33
1,2-Dichloroethane-d4
Concen: 47.426 ug/l
RT: 8.01 min Scan# 1939
Delta R.T. 0.00 min
Lab File: VN059374.D
Acq: 22 Nov 2019 18:42

Tgt Ion: 65 Resp: 203349

Ion	Ratio	Lower	Upper
65	100		
67	54.2	0.0	109.4



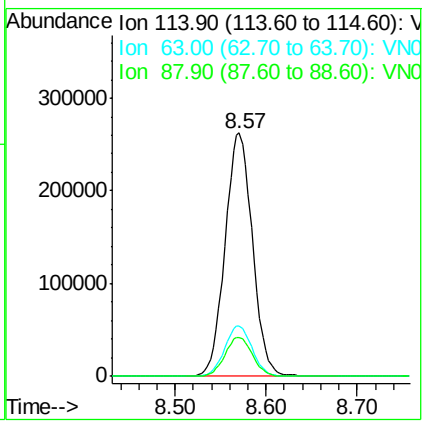


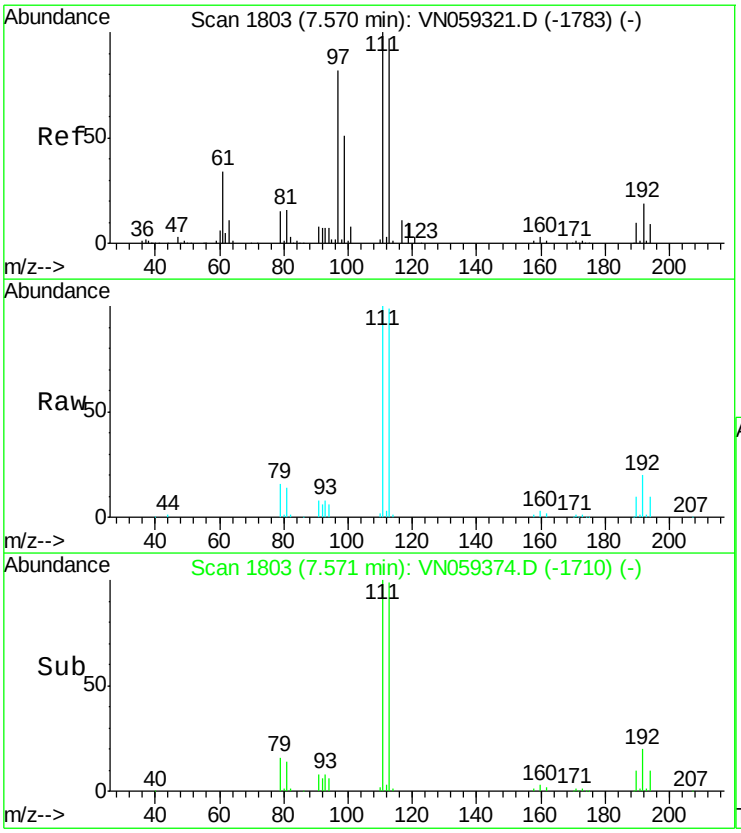
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.57 min Scan# 2114
Delta R.T. 0.00 min
Lab File: VN059374.D
Acq: 22 Nov 2019 18:42

Instrument :
MSVOA_N
ClientSampleId :
MW-4-(16-18)DL

Tgt Ion:114 Resp: 548332

Ion	Ratio	Lower	Upper
114	100		
63	20.7	0.0	42.2
88	15.9	0.0	32.2

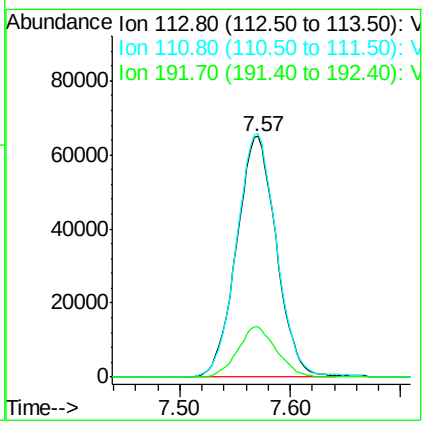


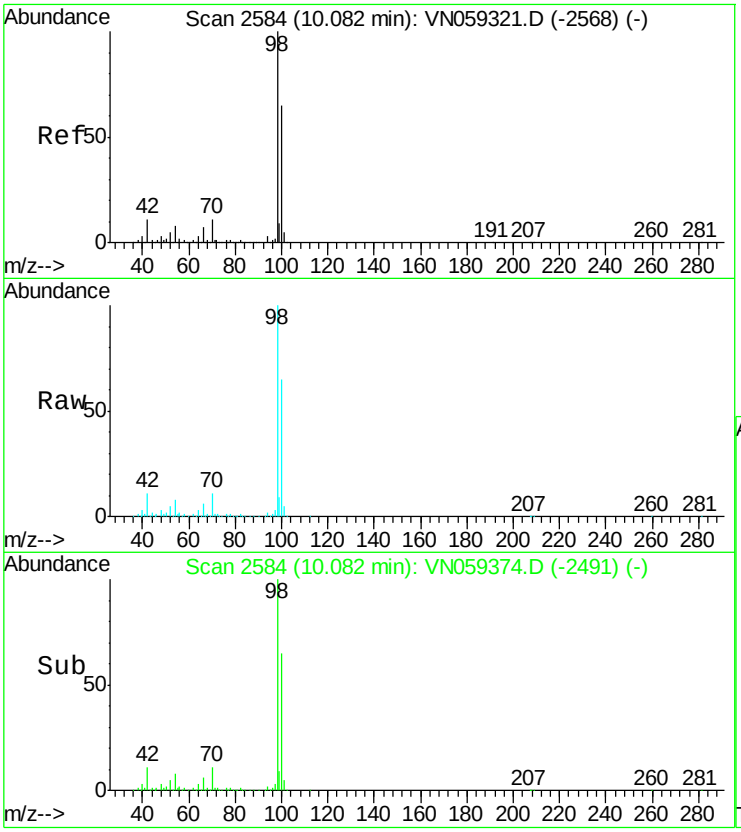


#35
Dibromofluoromethane
Concen: 49.289 ug/l
RT: 7.57 min Scan# 1803
Delta R.T. 0.00 min
Lab File: VN059374.D
Acq: 22 Nov 2019 18:42

Tgt Ion:113 Resp: 162145

Ion	Ratio	Lower	Upper
113	100		
111	102.2	82.7	124.1
192	20.3	16.3	24.5



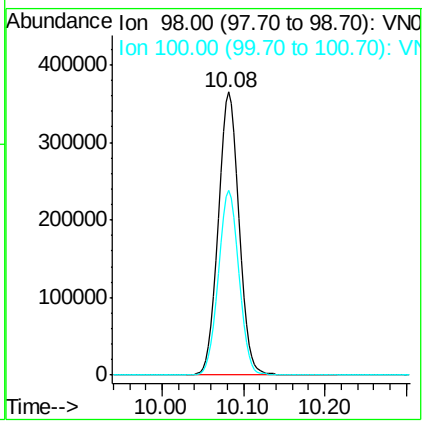


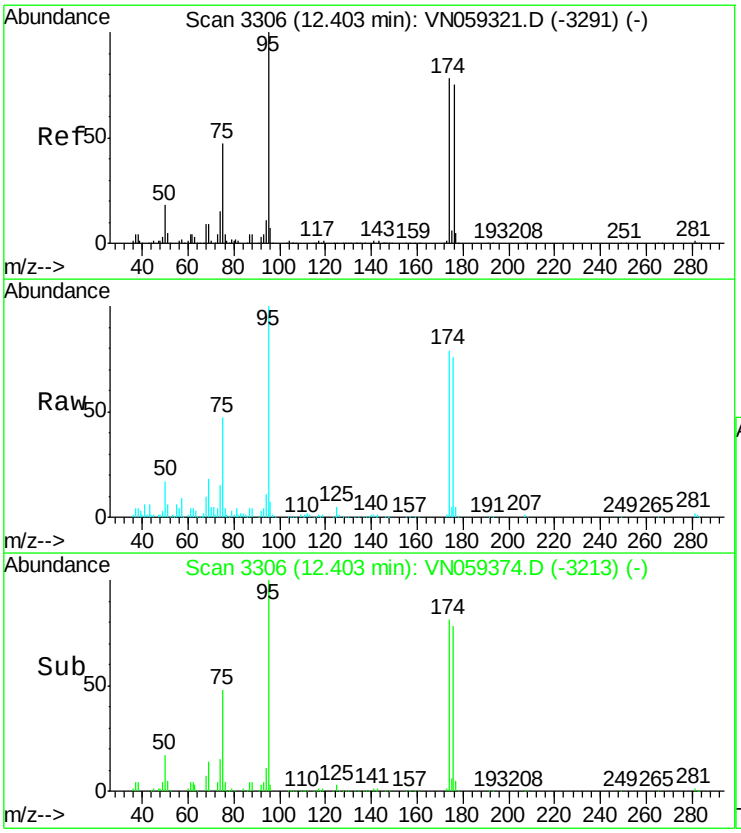
#50
Toluene-d8
Concen: 50.617 ug/l
RT: 10.08 min Scan# 2584
Delta R.T. 0.00 min
Lab File: VN059374.D
Acq: 22 Nov 2019 18:42

Instrument :
MSVOA_N
ClientSampleId :
MW-4-(16-18)DL

Tgt Ion: 98 Resp: 661970

Ion	Ratio	Lower	Upper
98	100		
100	64.8	51.7	77.5

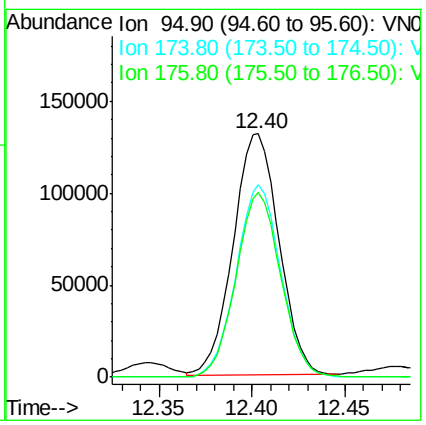


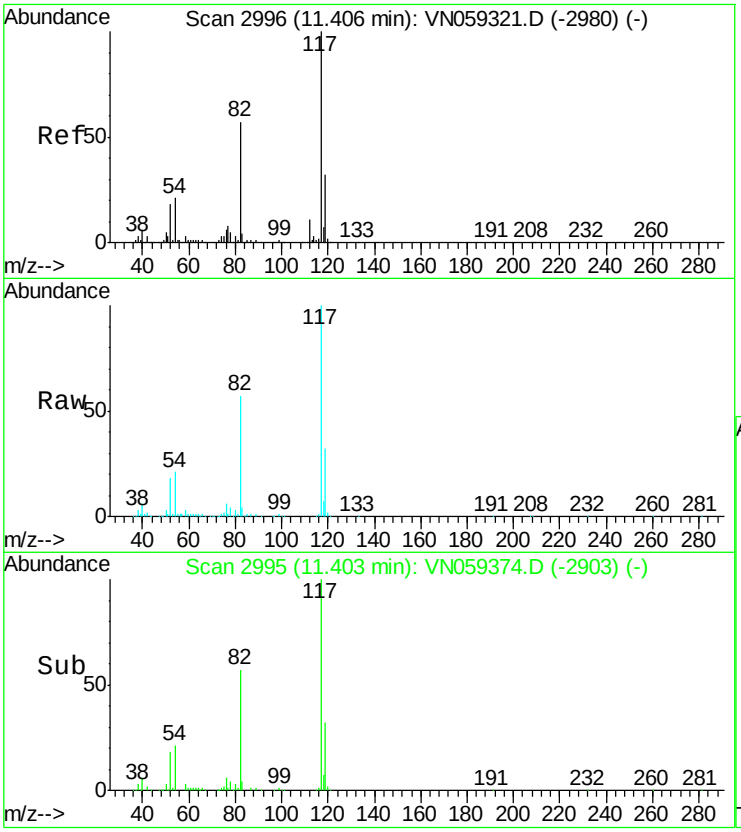


#62
4-Bromofluorobenzene
Concen: 49.019 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN059374.D
Acq: 22 Nov 2019 18:42

Tgt Ion: 95 Resp: 224154

Ion	Ratio	Lower	Upper
95	100		
174	77.8	0.0	157.4
176	75.0	0.0	151.2



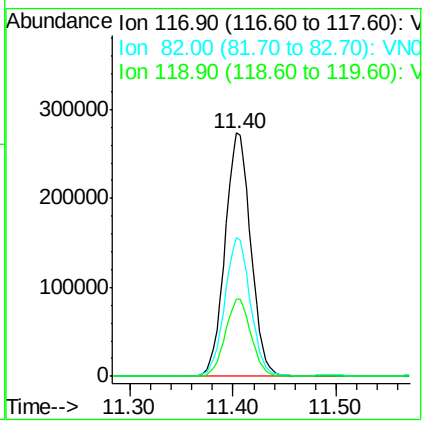


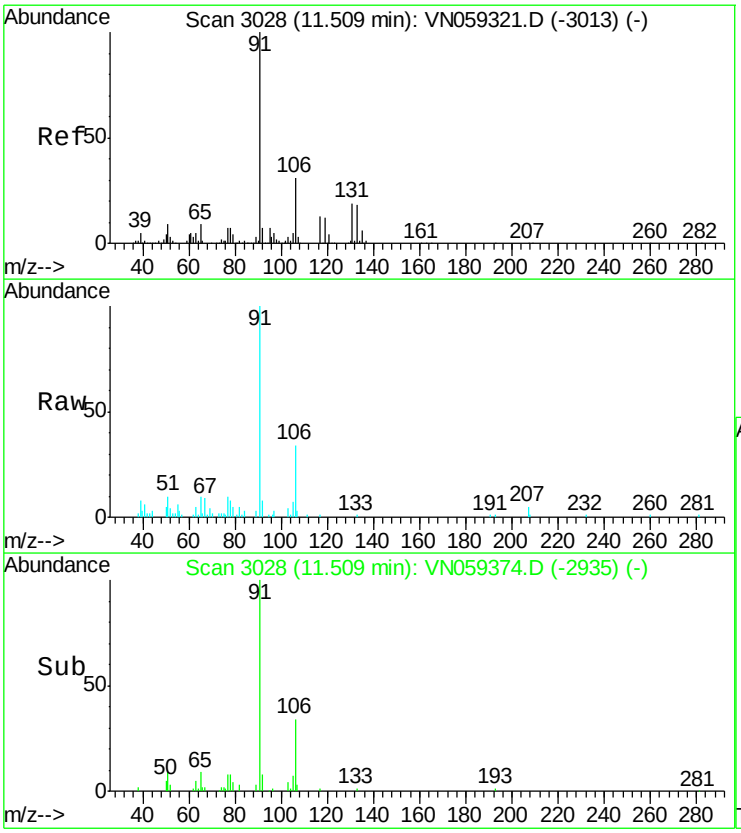
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. -0.00 min
Lab File: VN059374.D
Acq: 22 Nov 2019 18:42

Instrument :
MSVOA_N
ClientSampleId :
MW-4-(16-18)DL

Tgt Ion:117 Resp: 475831

Ion	Ratio	Lower	Upper
117	100		
82	56.6	45.7	68.5
119	31.6	25.8	38.6

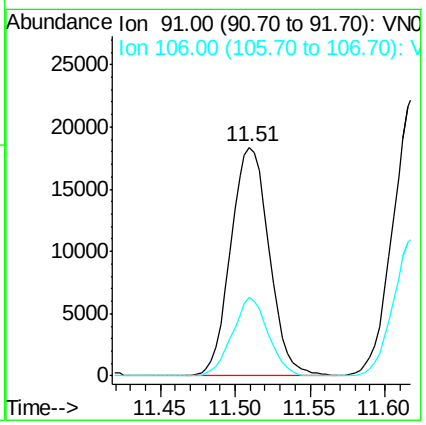


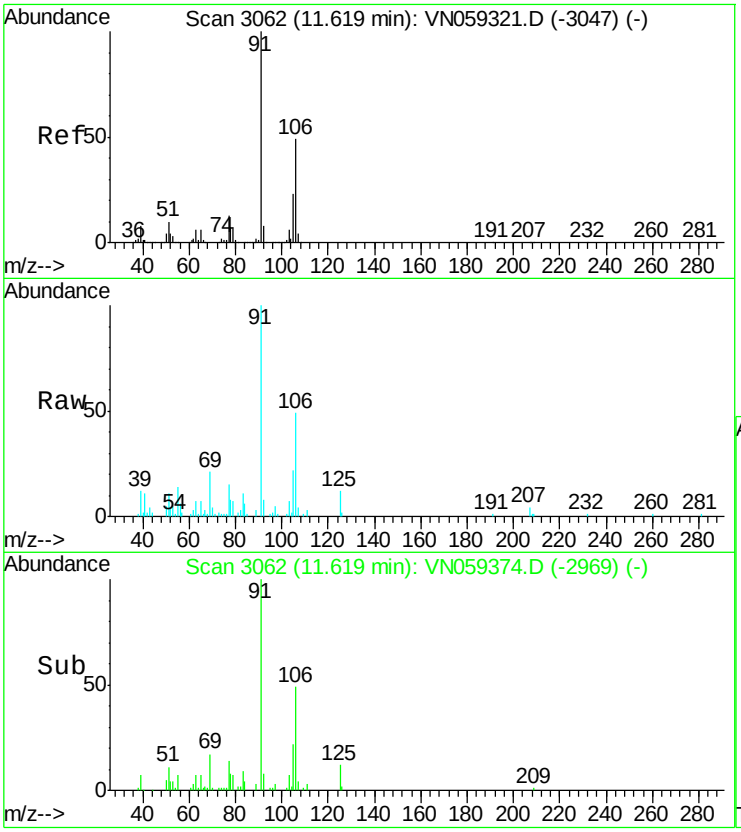


#67
Ethyl Benzene
Concen: 1.802 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN059374.D
Acq: 22 Nov 2019 18:42

Tgt Ion: 91 Resp: 32916

Ion	Ratio	Lower	Upper
91	100		
106	34.2	24.6	37.0



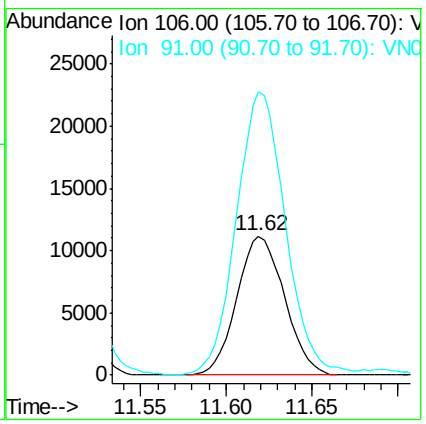


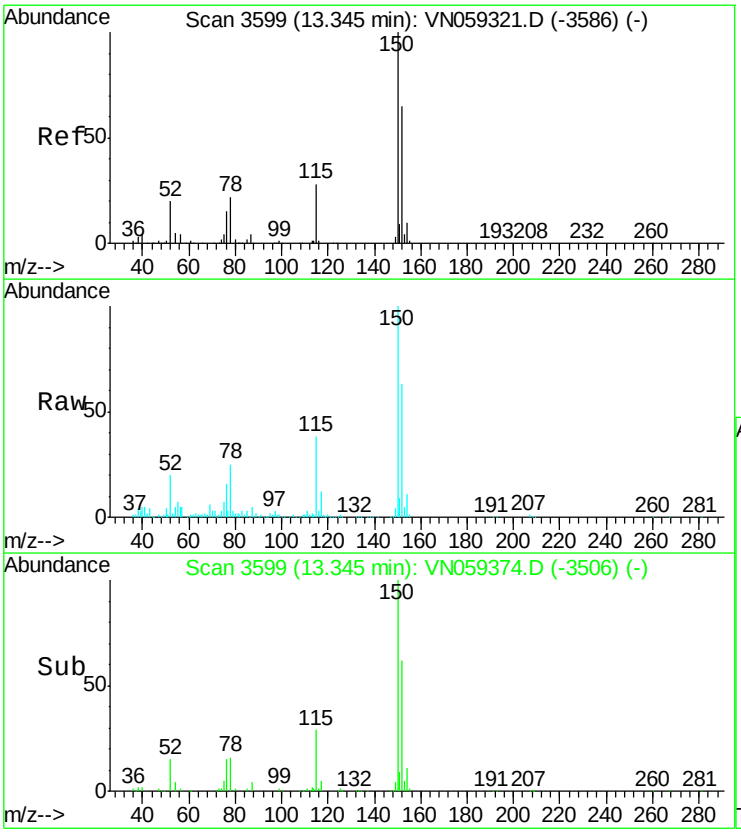
#68
m/p-Xylenes
Concen: 3.161 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN059374.D
Acq: 22 Nov 2019 18:42

Instrument :
MSVOA_N
ClientSampleId :
MW-4-(16-18)DL

Tgt Ion:106 Resp: 21458

Ion	Ratio	Lower	Upper
106	100		
91	211.4	163.2	244.8

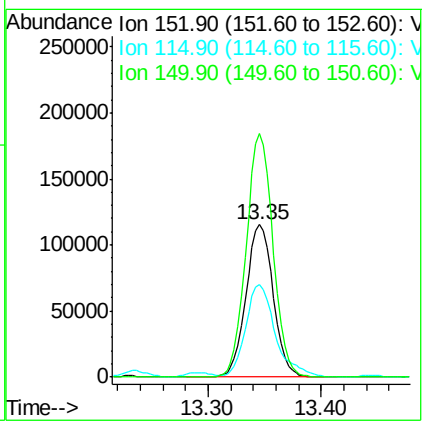


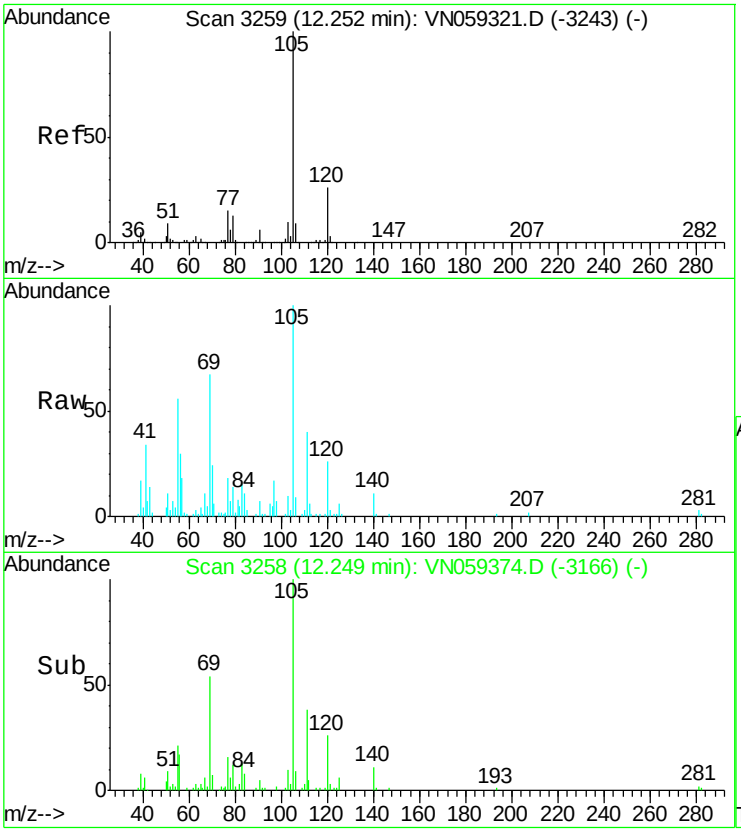


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN059374.D
Acq: 22 Nov 2019 18:42

Tgt Ion:152 Resp: 194110

Ion	Ratio	Lower	Upper
152	100		
115	65.6	29.3	88.0
150	156.5	0.0	346.0



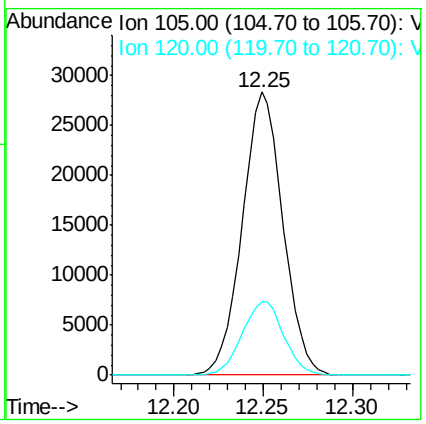


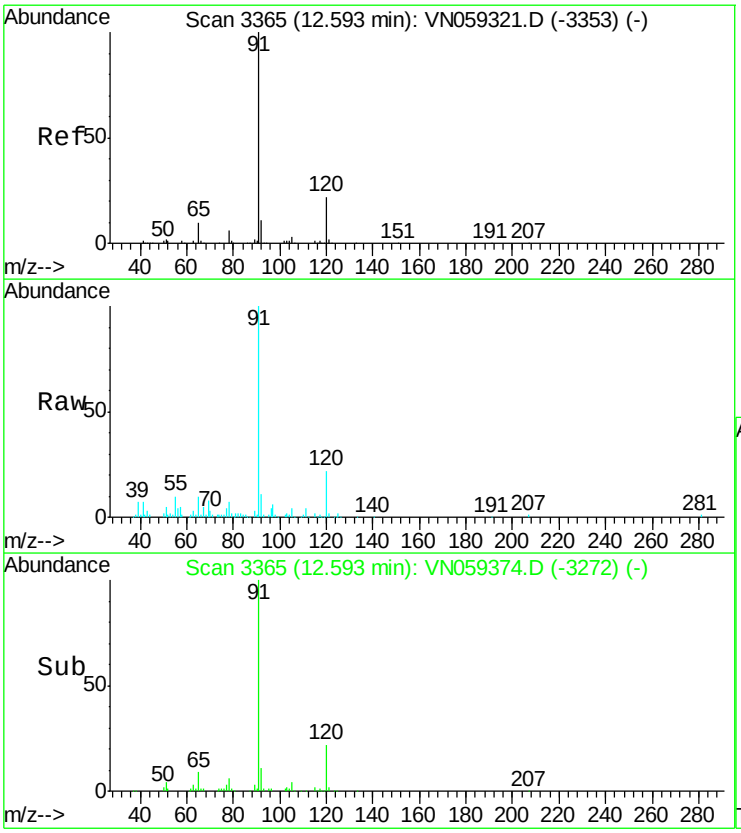
#73
Isopropylbenzene
Concen: 2.831 ug/l
RT: 12.25 min Scan# 3258
Delta R.T. -0.00 min
Lab File: VN059374.D
Acq: 22 Nov 2019 18:42

Instrument : MSVOA_N
ClientSampleId : MW-4-(16-18)DL

Tgt Ion:105 Resp: 45015

Ion	Ratio	Lower	Upper
105	100		
120	26.4	13.1	39.3

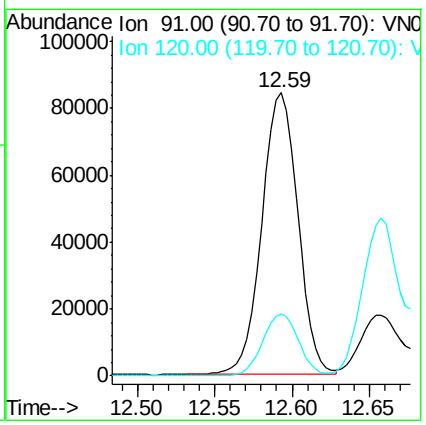


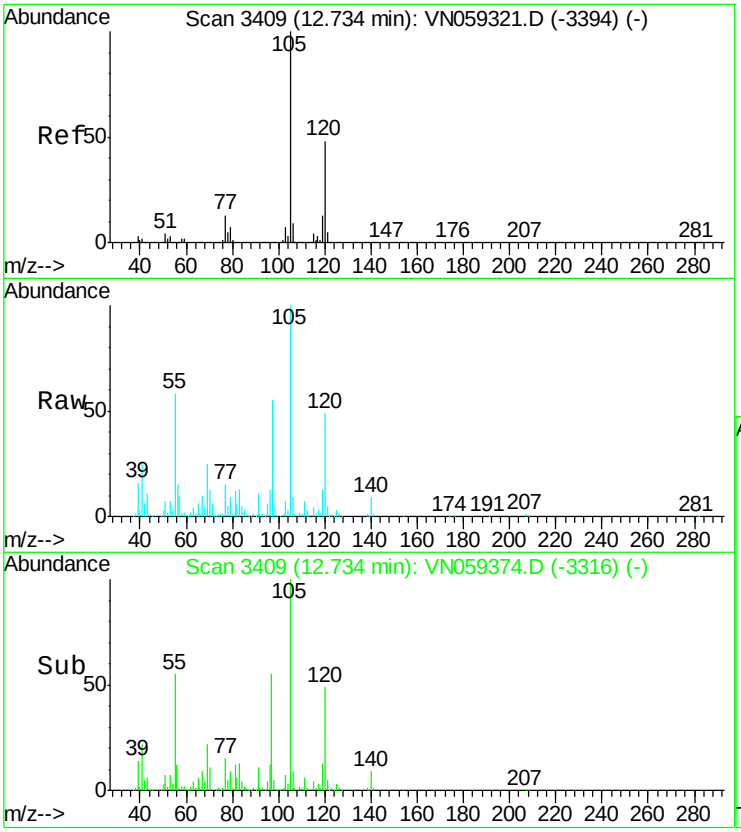


#78
n-propylbenzene
Concen: 7.601 ug/l
RT: 12.59 min Scan# 3365
Delta R.T. 0.00 min
Lab File: VN059374.D
Acq: 22 Nov 2019 18:42

Tgt Ion: 91 Resp: 136909

Ion	Ratio	Lower	Upper
91	100		
120	21.9	11.3	33.9



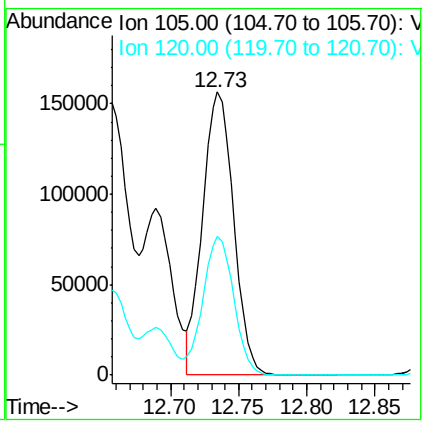


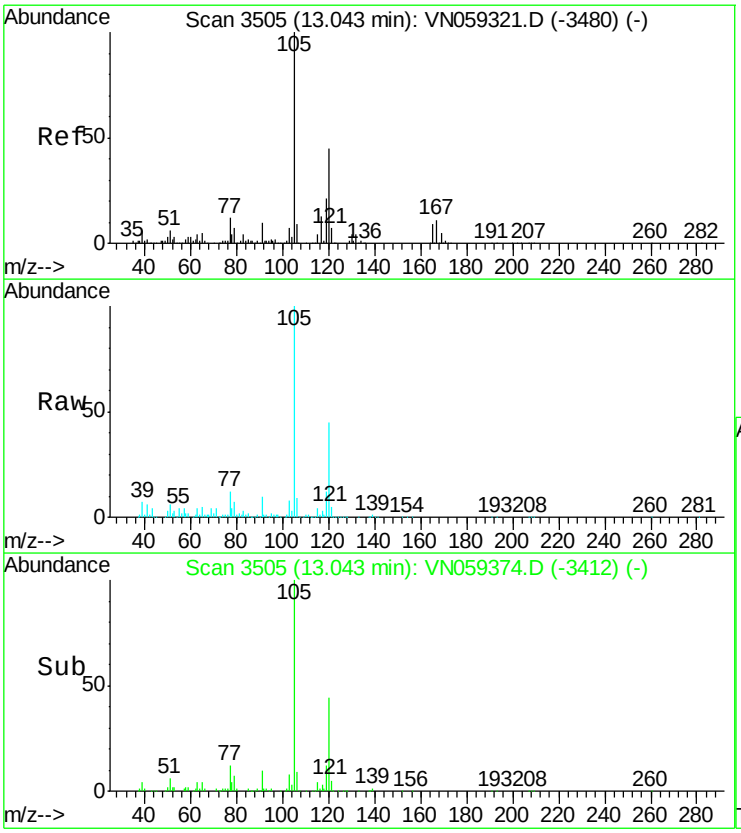
#80
1,3,5-Trimethylbenzene
Concen: 18.410 ug/l
RT: 12.73 min Scan# 3409
Delta R.T. 0.00 min
Lab File: VN059374.D
Acq: 22 Nov 2019 18:42

Instrument :
MSVOA_N
ClientSampleId :
MW-4-(16-18)DL

Tgt Ion:105 Resp: 246083

Ion	Ratio	Lower	Upper
105	100		
120	49.3	24.1	72.4

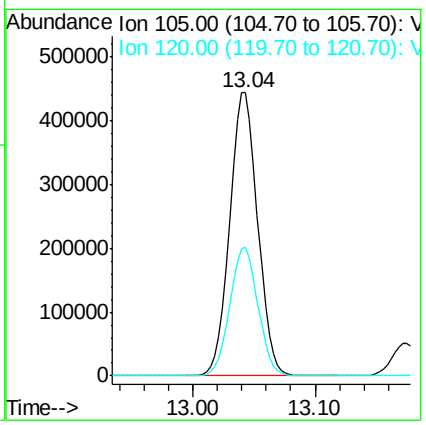


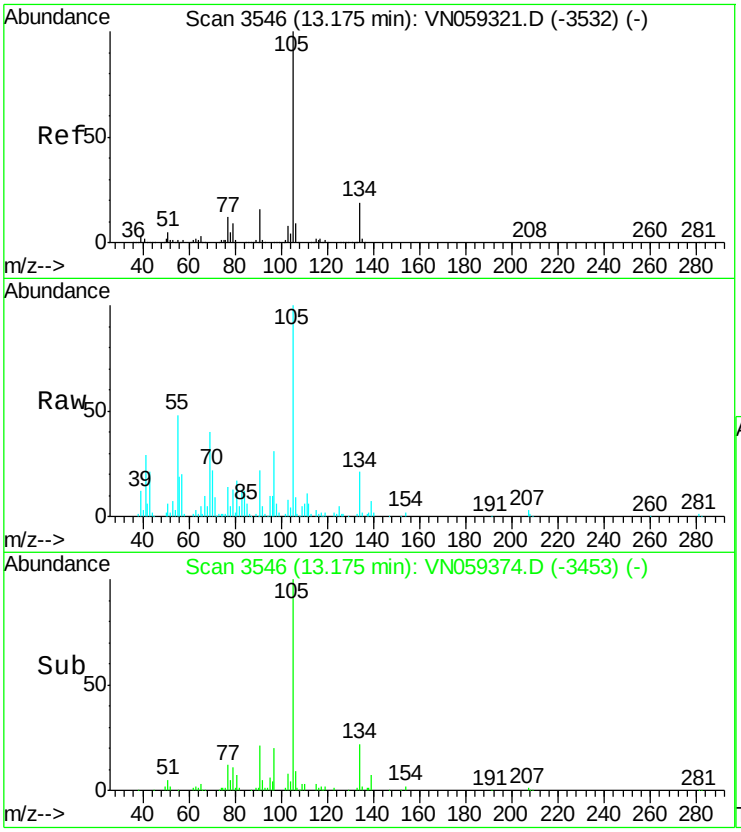


#84
1,2,4-Trimethylbenzene
Concen: 54.012 ug/l
RT: 13.04 min Scan# 3505
Delta R.T. 0.00 min
Lab File: VN059374.D
Acq: 22 Nov 2019 18:42

Tgt Ion:105 Resp: 707233

Ion	Ratio	Lower	Upper
105	100		
120	45.8	22.6	67.8



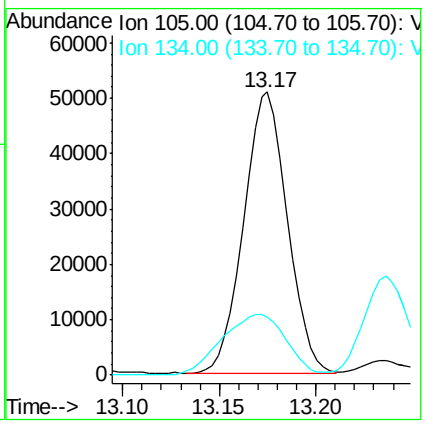


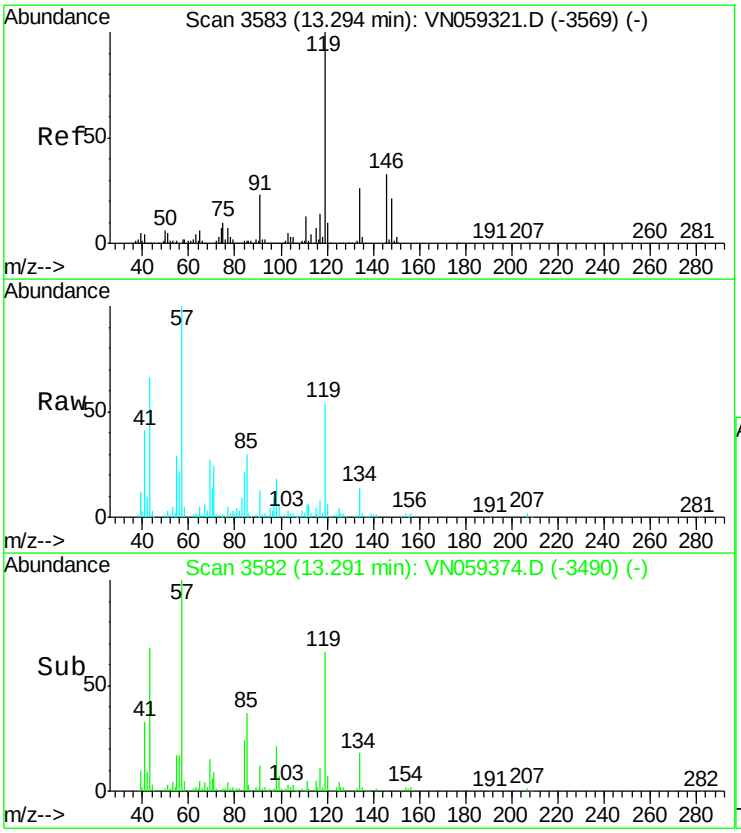
#85
sec-Butylbenzene
Concen: 5.254 ug/l
RT: 13.17 min Scan# 3546
Delta R.T. 0.00 min
Lab File: VN059374.D
Acq: 22 Nov 2019 18:42

Instrument :
MSVOA_N
ClientSampleId :
MW-4-(16-18)DL

Tgt Ion:105 Resp: 79717

Ion	Ratio	Lower	Upper
105	100		
134	31.7	9.8	29.3#





#86
p-Isopropyltoluene
Concen: 5.359 ug/l
RT: 13.29 min Scan# 3582
Delta R.T. -0.00 min
Lab File: VN059374.D
Acq: 22 Nov 2019 18:42

Tgt Ion:119 Resp: 72357

Ion	Ratio	Lower	Upper
119	100		
134	26.4	13.0	38.9
91	23.5	11.6	34.7