Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080118\
Data File : VN050239.D
Acq On : 1 Aug 2018 11:00
Operator : MD\SY
Sample : J4256-01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MW-03

Quant Time: Aug 04 00:04:36 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 26 18:10:10 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	662567	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1067098	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	913911	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	397807	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	461529	49.93	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.86%			
35) Dibromofluoromethane	7.59	113	409221	46.97	ug/l	0.00
Spiked Amount 50.000			Recovery = 93.94%			
50) Toluene-d8	10.09	98	1480091	46.21	ug/l	0.00
Spiked Amount 50.000			Recovery = 92.42%			
62) 4-Bromofluorobenzene	12.40	95	442352	41.94	ug/l	0.00
Spiked Amount 50.000			Recovery = 83.88%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.81	59	21002	30.877	ug/l #	87
16) Acetone	3.83	43	15606	2.875	ug/l	95
17) Carbon Disulfide	4.05	76	7448	0.318	ug/l	98
19) Methyl tert-butyl Ether	5.05	73	68374	3.360	ug/l	93
39) Methylcyclohexane	9.08	83	46180	3.734	ug/l	96
67) Ethyl Benzene	11.51	91	37560	1.013	ug/l	99
68) m/p-Xylenes	11.62	106	48832	3.481	ug/l	99
69) o-Xylene	11.95	106	31612	2.364	ug/l	98
73) Isopropylbenzene	12.25	105	31286	1.014	ug/l	96
78) n-propylbenzene	12.59	91	41088	1.191	ug/l	97
80) 1,3,5-Trimethylbenzene	12.73	105	112988	4.656	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	275314	11.255	ug/l	100
85) sec-Butylbenzene	13.17	105	33364	1.179	ug/l	88
95) Naphthalene	15.14	128	90673	8.965	ug/l	97

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

Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080118\
Data File : VN050239.D
Acq On : 1 Aug 2018 11:00
Operator : MD\SY
Sample : J4256-01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-03

Quant Time: Aug 04 00:04:36 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
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QLast Update : Thu Jul 26 18:10:10 2018
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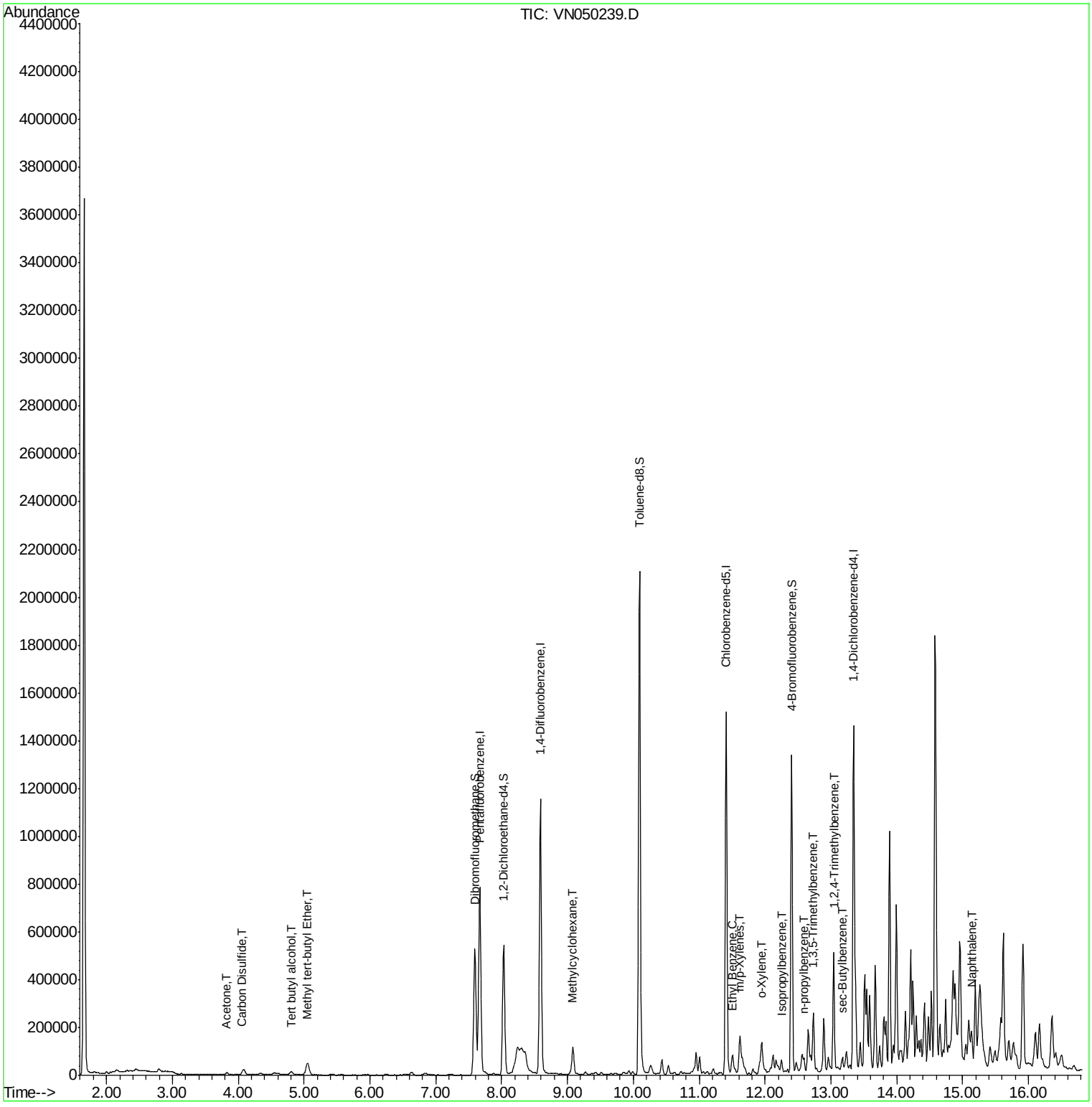
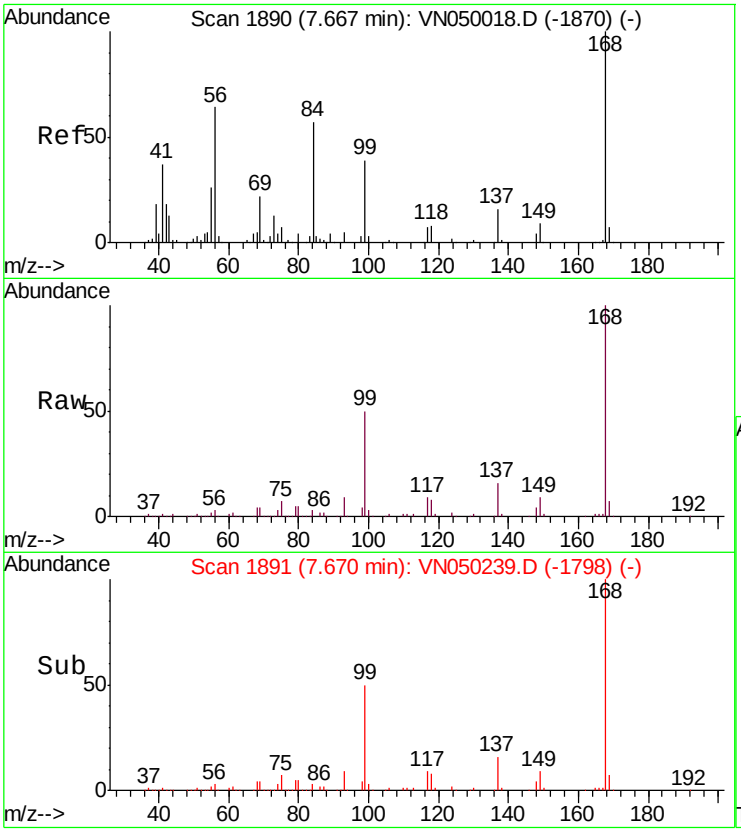


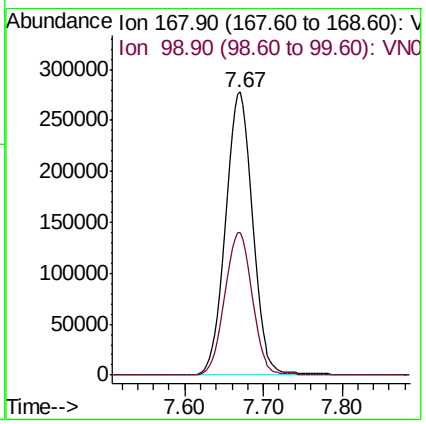


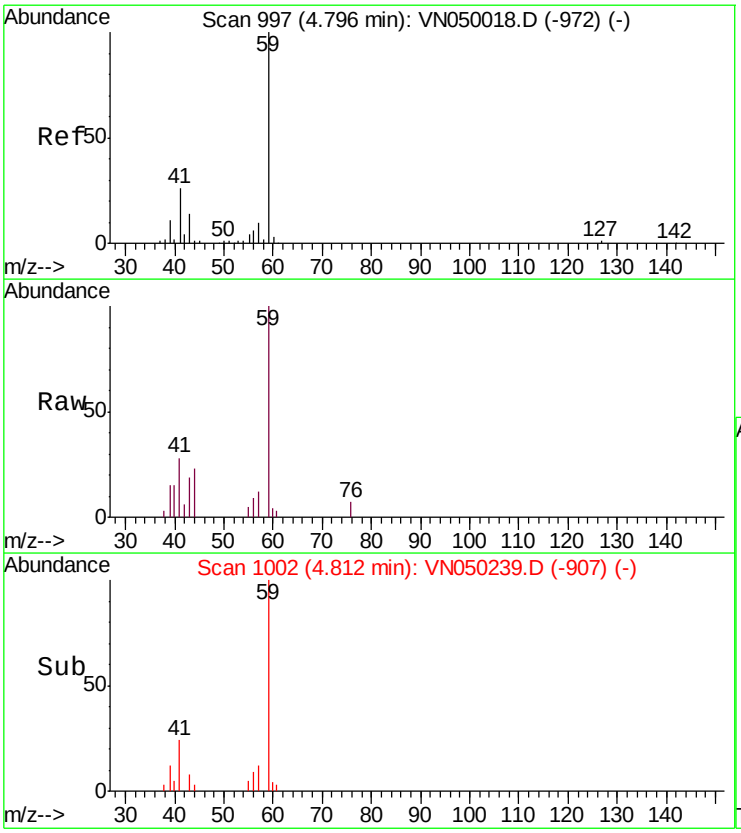
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.67 min Scan# 1891
Delta R.T. 0.00 min
Lab File: VN050239.D
Acq: 1 Aug 2018 11:00

Instrument :
MSVOA_N
ClientSampleId :
MW-03

Tgt Ion:168 Resp: 662567

Ion	Ratio	Lower	Upper
168	100		
99	50.3	40.0	60.0

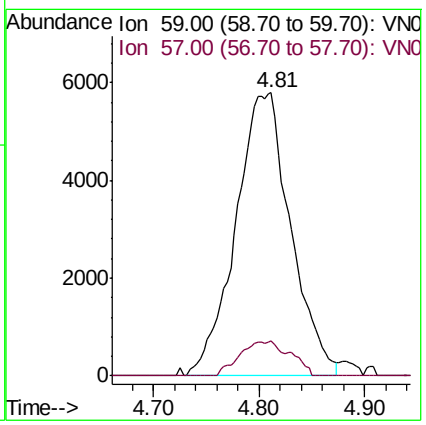


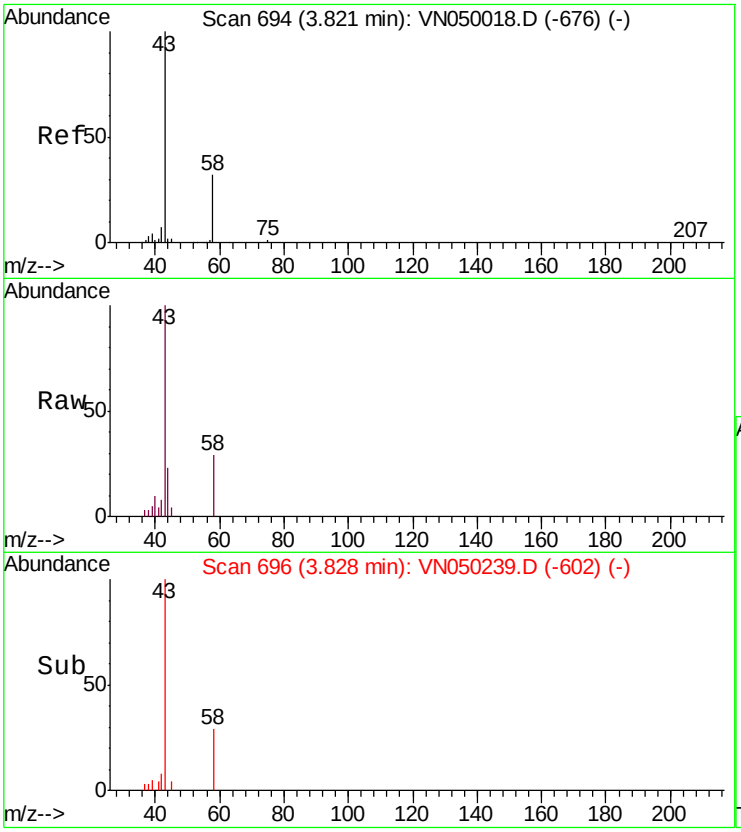


#11
Tert butyl alcohol
Concen: 30.877 ug/l
RT: 4.81 min Scan# 1002
Delta R.T. 0.01 min
Lab File: VN050239.D
Acq: 1 Aug 2018 11:00

Tgt Ion: 59 Resp: 21002

Ion	Ratio	Lower	Upper
59	100		
57	5.8	8.5	12.7#



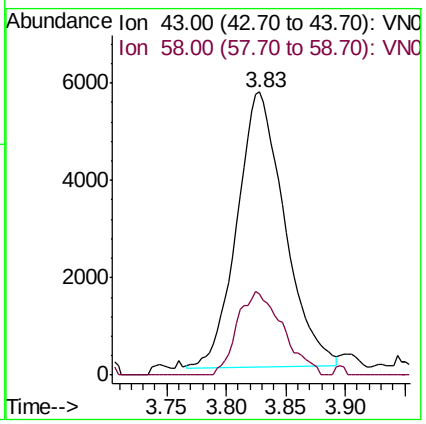


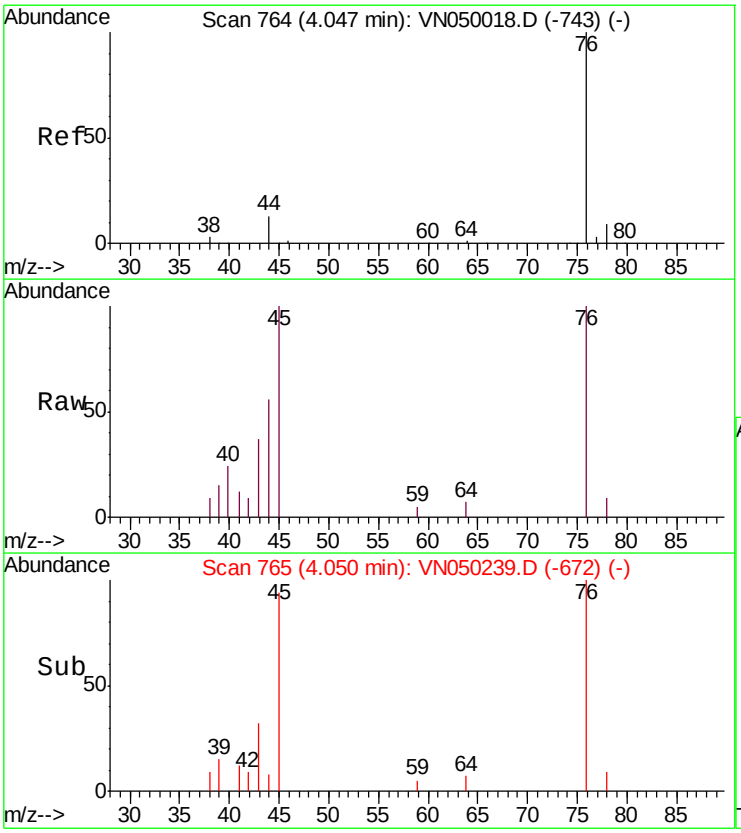
#16
Acetone
Concen: 2.875 ug/l
RT: 3.83 min Scan# 696
Delta R.T. 0.00 min
Lab File: VN050239.D
Acq: 1 Aug 2018 11:00

Instrument :
MSVOA_N
ClientSampleId :
MW-03

Tgt Ion: 43 Resp: 15606

Ion	Ratio	Lower	Upper
43	100		
58	29.6	25.8	38.8

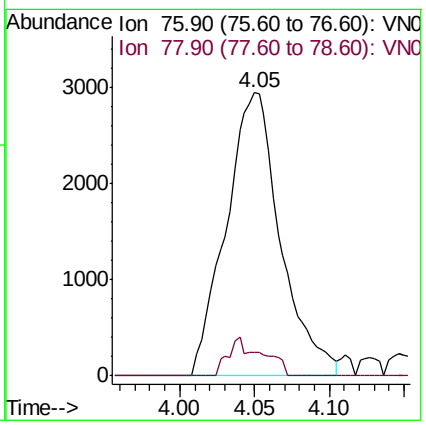


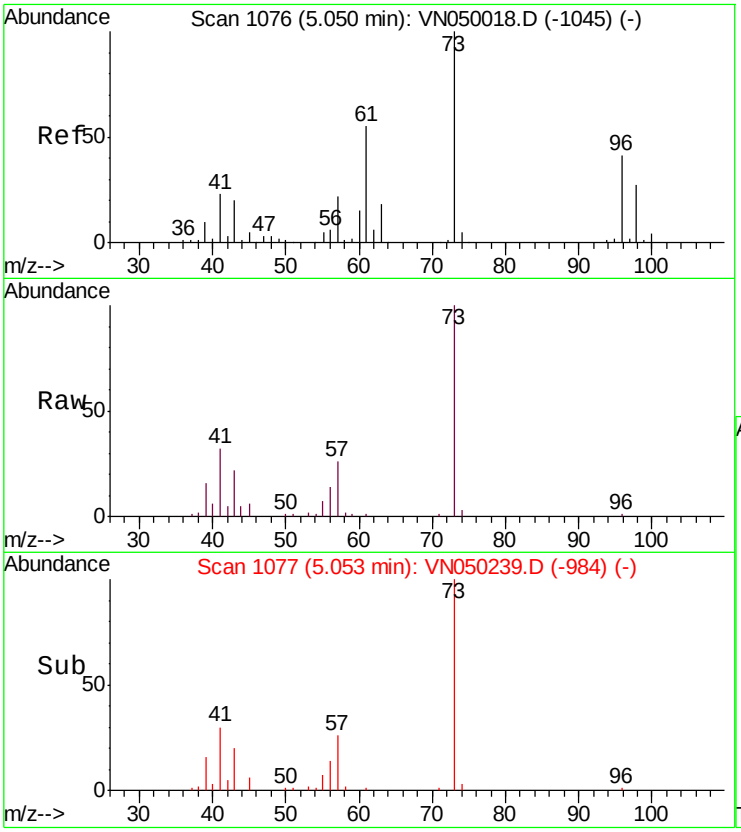


#17
Carbon Disulfide
Concen: 0.318 ug/l
RT: 4.05 min Scan# 765
Delta R.T. 0.00 min
Lab File: VN050239.D
Acq: 1 Aug 2018 11:00

Tgt Ion: 76 Resp: 7448

Ion	Ratio	Lower	Upper
76	100		
78	8.6	7.3	10.9



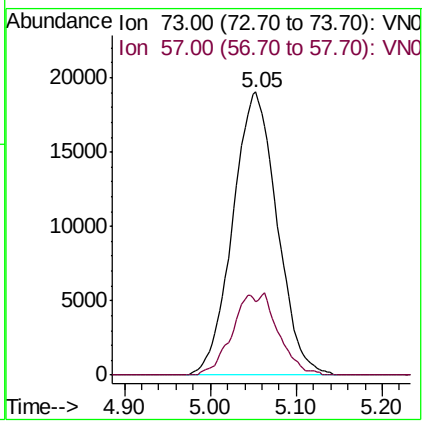


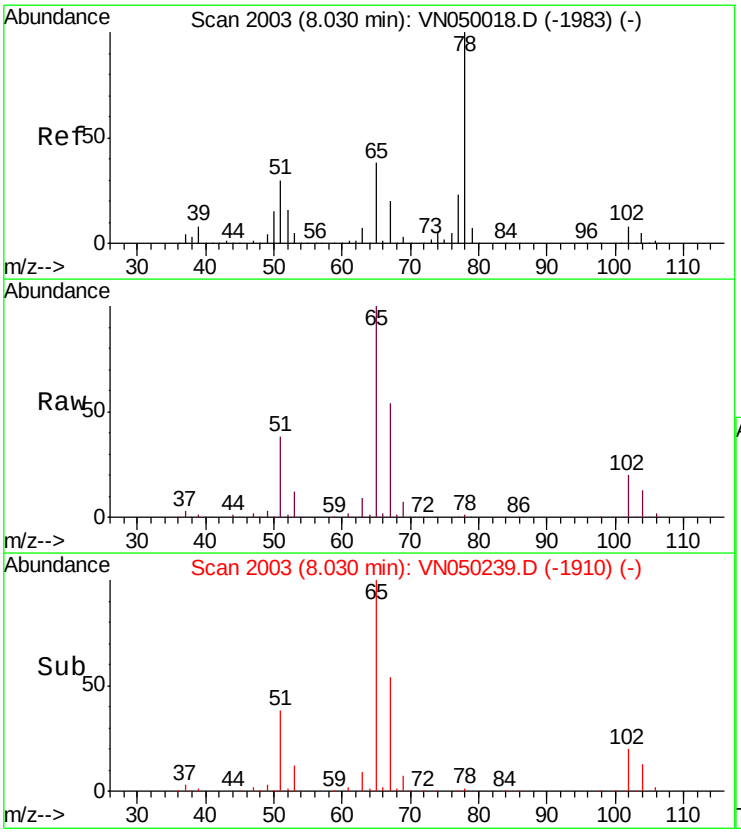
#19
Methyl tert-butyl Ether
Concen: 3.360 ug/l
RT: 5.05 min Scan# 1077
Delta R.T. 0.00 min
Lab File: VN050239.D
Acq: 1 Aug 2018 11:00

Instrument :
MSVOA_N
ClientSampleId :
MW-03

Tgt Ion: 73 Resp: 68374

Ion	Ratio	Lower	Upper
73	100		
57	26.1	18.0	27.0

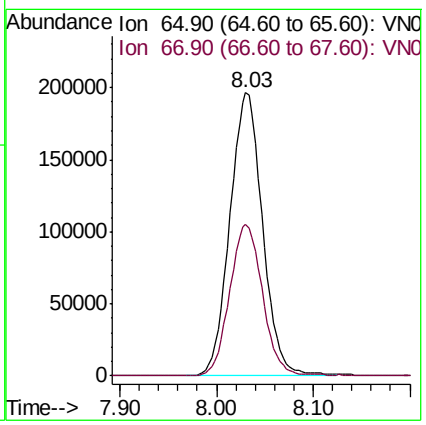


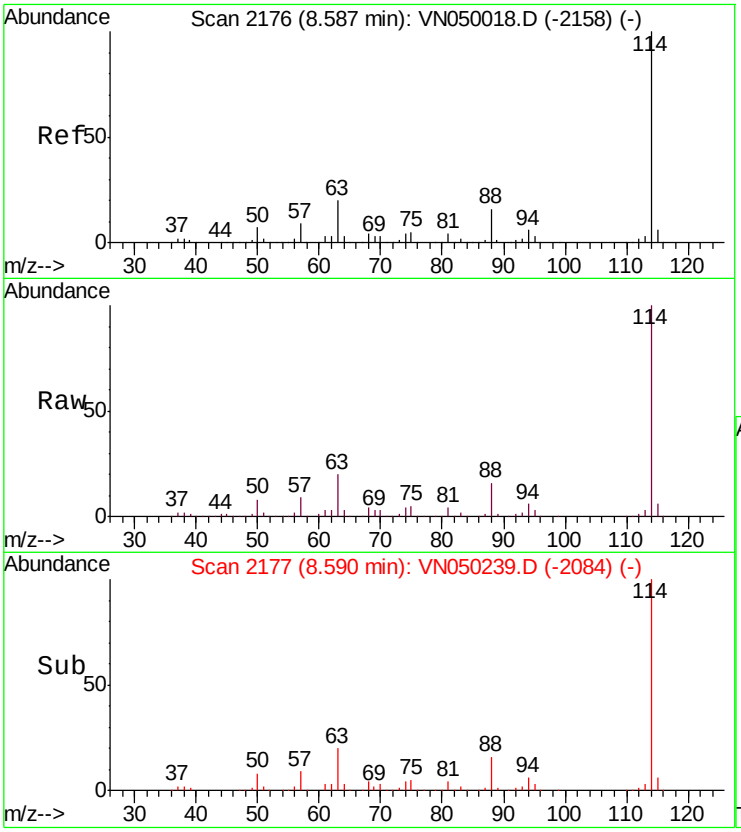


#33
1,2-Dichloroethane-d4
Concen: 49.926 ug/l
RT: 8.03 min Scan# 2003
Delta R.T. 0.00 min
Lab File: VN050239.D
Acq: 1 Aug 2018 11:00

Tgt Ion: 65 Resp: 461529

Ion	Ratio	Lower	Upper
65	100		
67	53.8	0.0	108.4



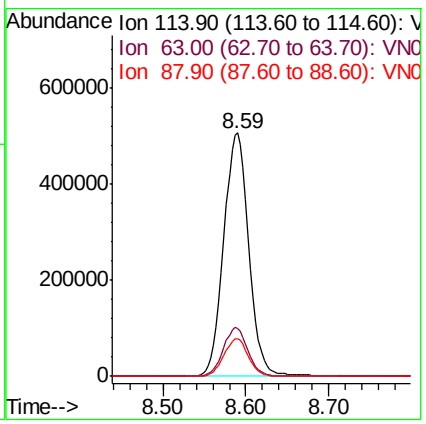


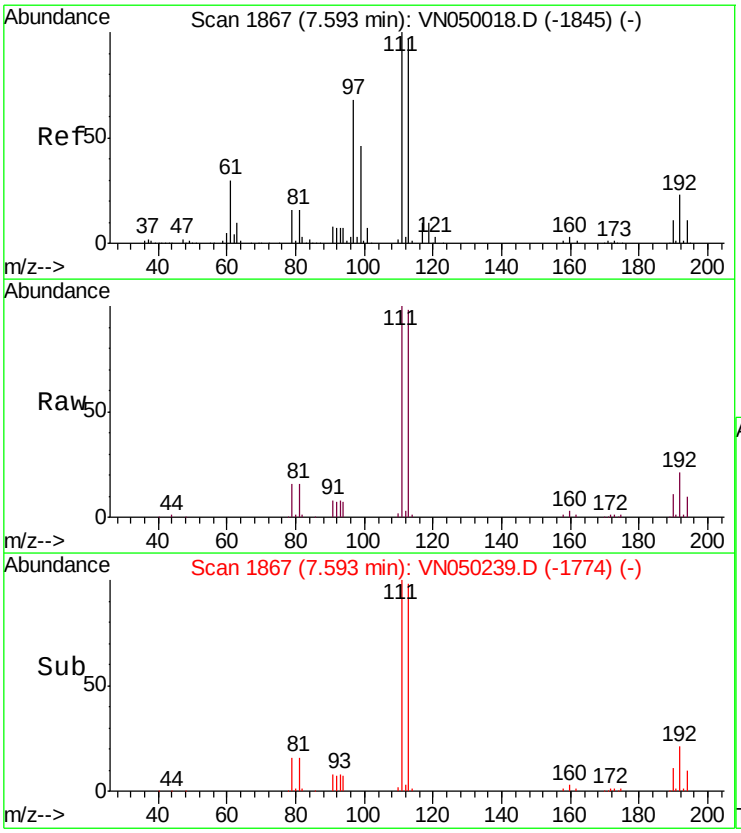
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2177
Delta R.T. 0.00 min
Lab File: VN050239.D
Acq: 1 Aug 2018 11:00

Instrument :
MSVOA_N
ClientSampleId :
MW-03

Tgt Ion:114 Resp: 1067098

Ion	Ratio	Lower	Upper
114	100		
63	19.9	0.0	40.0
88	15.5	0.0	31.2

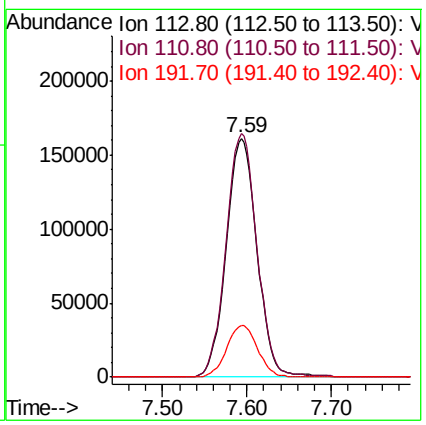


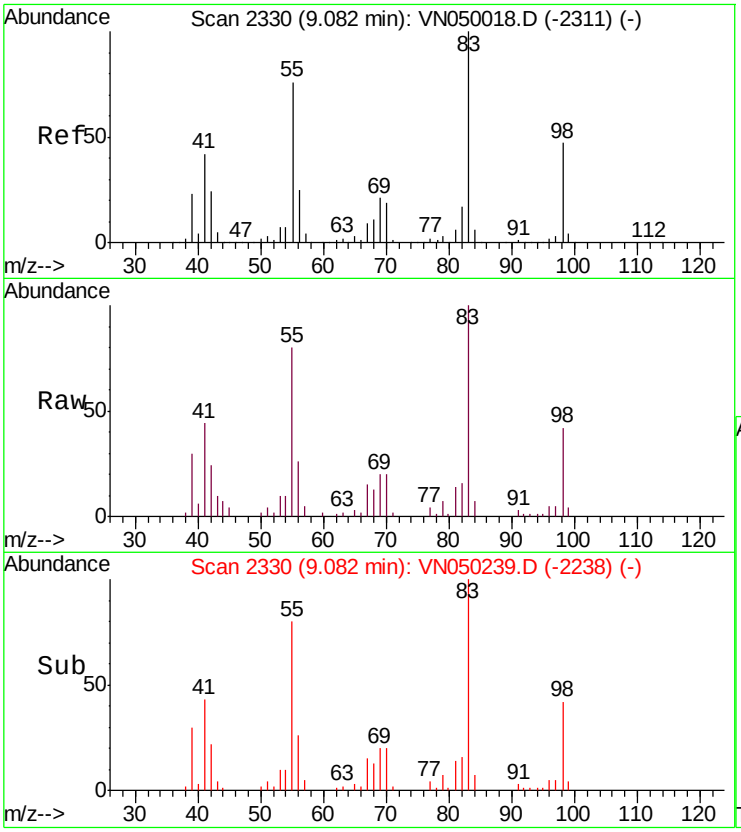


#35
Dibromofluoromethane
Concen: 46.969 ug/l
RT: 7.59 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VN050239.D
Acq: 1 Aug 2018 11:00

Tgt Ion:113 Resp: 409221

Ion	Ratio	Lower	Upper
113	100		
111	102.9	80.7	121.1
192	21.9	17.8	26.6



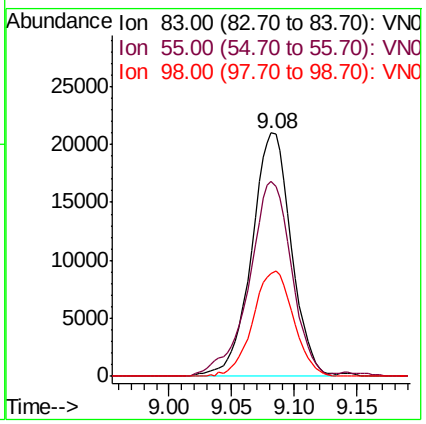


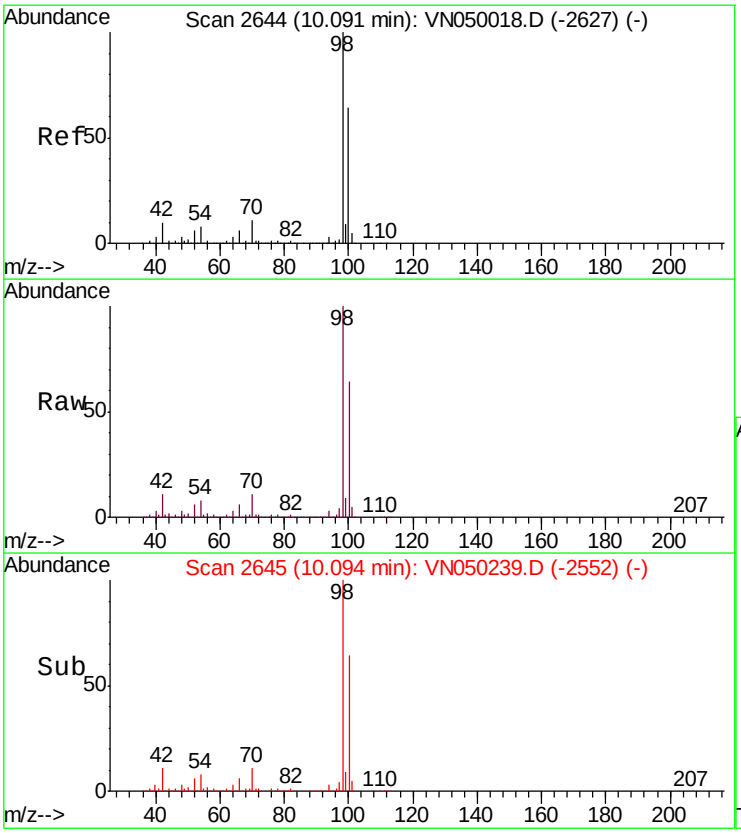
#39
Methylcyclohexane
Concen: 3.734 ug/l
RT: 9.08 min Scan# 2330
Delta R.T. -0.00 min
Lab File: VN050239.D
Acq: 1 Aug 2018 11:00

Instrument :
MSVOA_N
ClientSampleId :
MW-03

Tgt Ion: 83 Resp: 46180

Ion	Ratio	Lower	Upper
83	100		
55	80.0	61.8	92.8
98	42.4	36.5	54.7

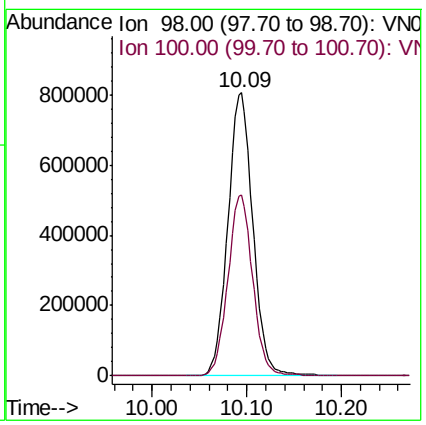


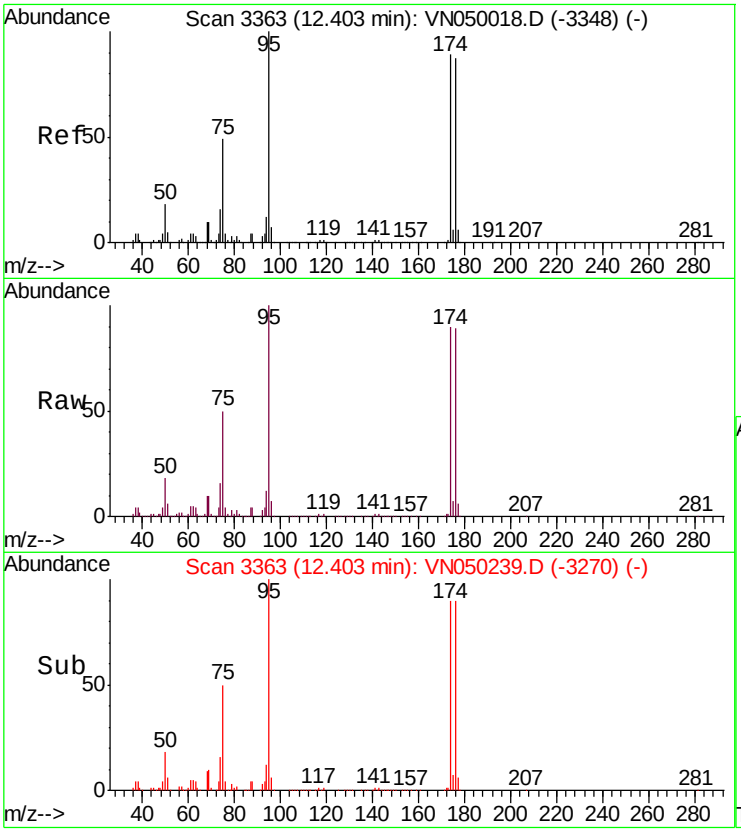


#50
Toluene-d8
Concen: 46.208 ug/l
RT: 10.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VN050239.D
Acq: 1 Aug 2018 11:00

Tgt Ion: 98 Resp: 1480091

Ion	Ratio	Lower	Upper
98	100		
100	63.5	50.7	76.1



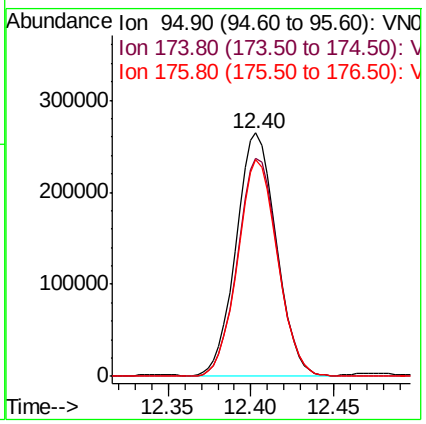


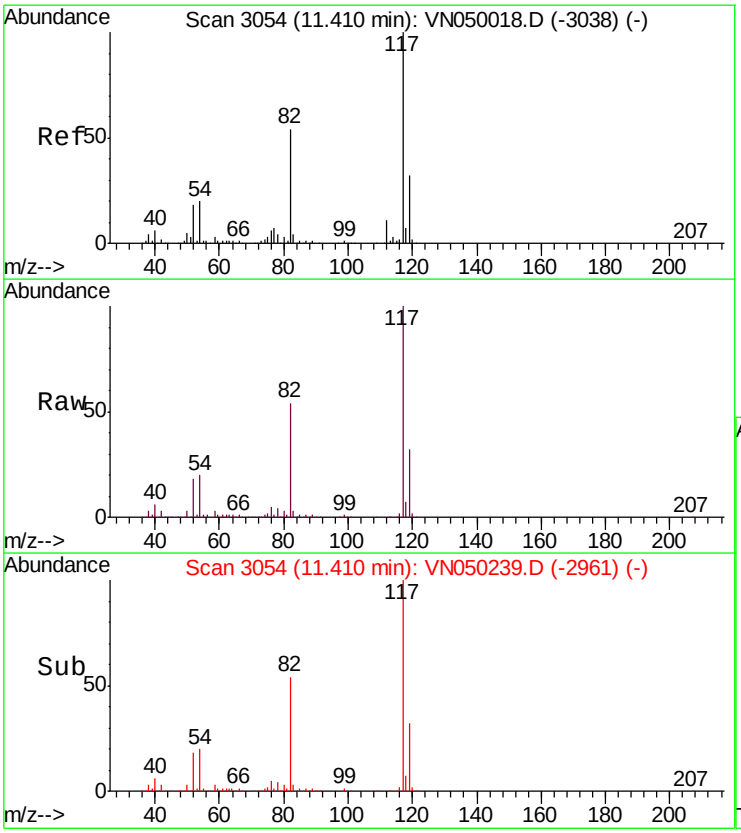
#62
4-Bromofluorobenzene
Concen: 41.941 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN050239.D
Acq: 1 Aug 2018 11:00

Instrument :
MSVOA_N
ClientSampleId :
MW-03

Tgt Ion: 95 Resp: 442352

Ion	Ratio	Lower	Upper
95	100		
174	90.8	0.0	178.2
176	89.0	0.0	173.4

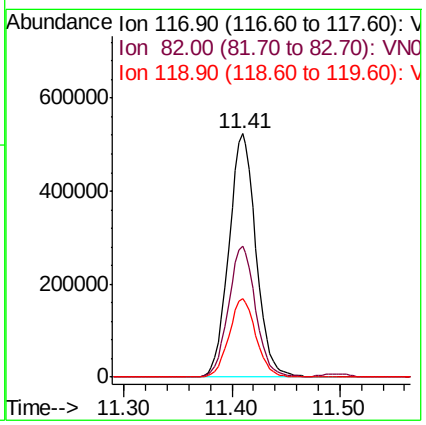


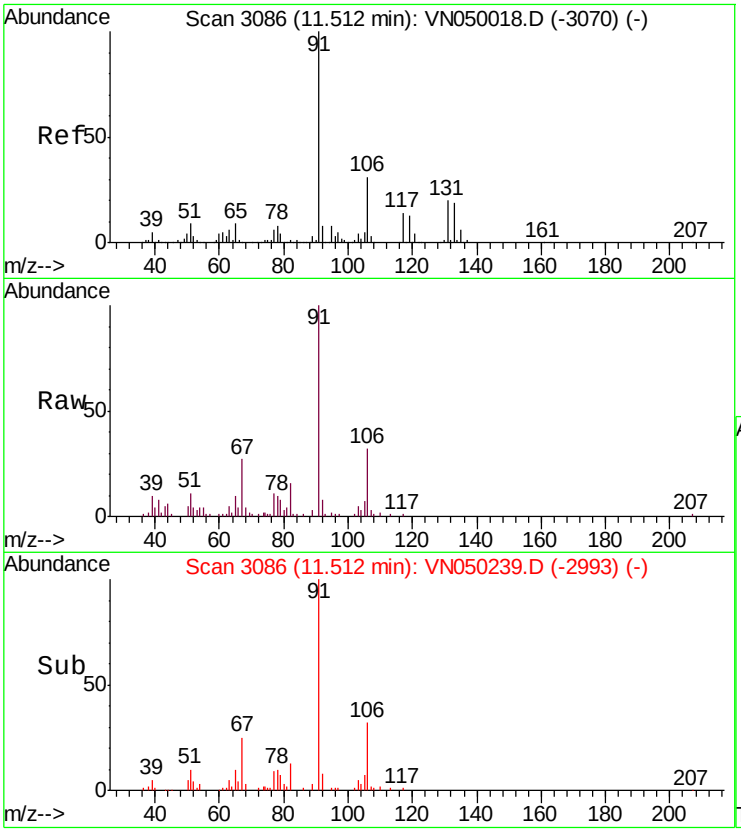


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050239.D
Acq: 1 Aug 2018 11:00

Tgt Ion:117 Resp: 913911

Ion	Ratio	Lower	Upper
117	100		
82	53.6	43.7	65.5
119	32.2	26.1	39.1



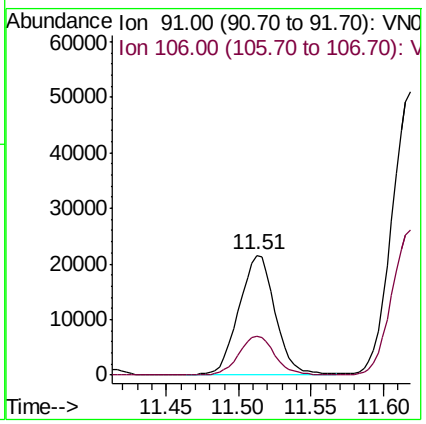


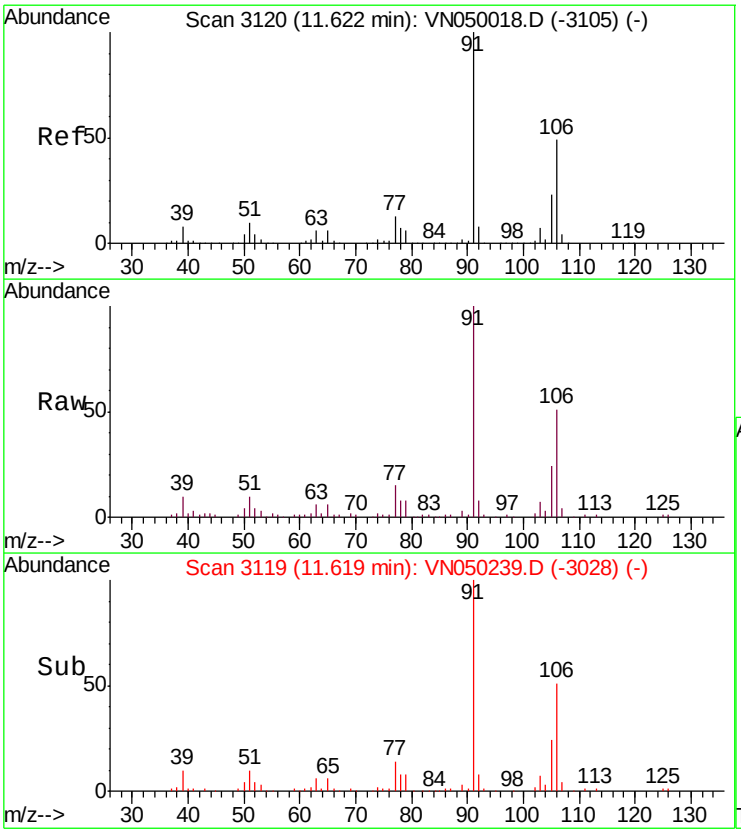
#67
Ethyl Benzene
Concen: 1.013 ug/l
RT: 11.51 min Scan# 3086
Delta R.T. 0.00 min
Lab File: VN050239.D
Acq: 1 Aug 2018 11:00

Instrument :
MSVOA_N
ClientSampleId :
MW-03

Tgt Ion: 91 Resp: 37560

Ion	Ratio	Lower	Upper
91	100		
106	31.9	25.0	37.4

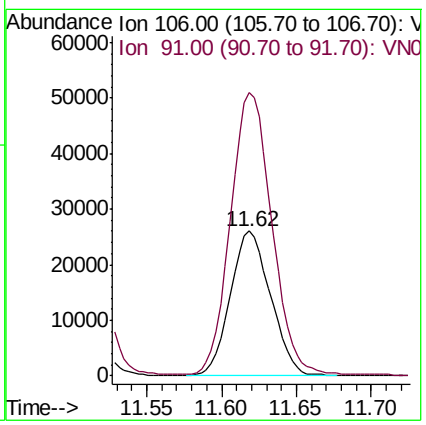


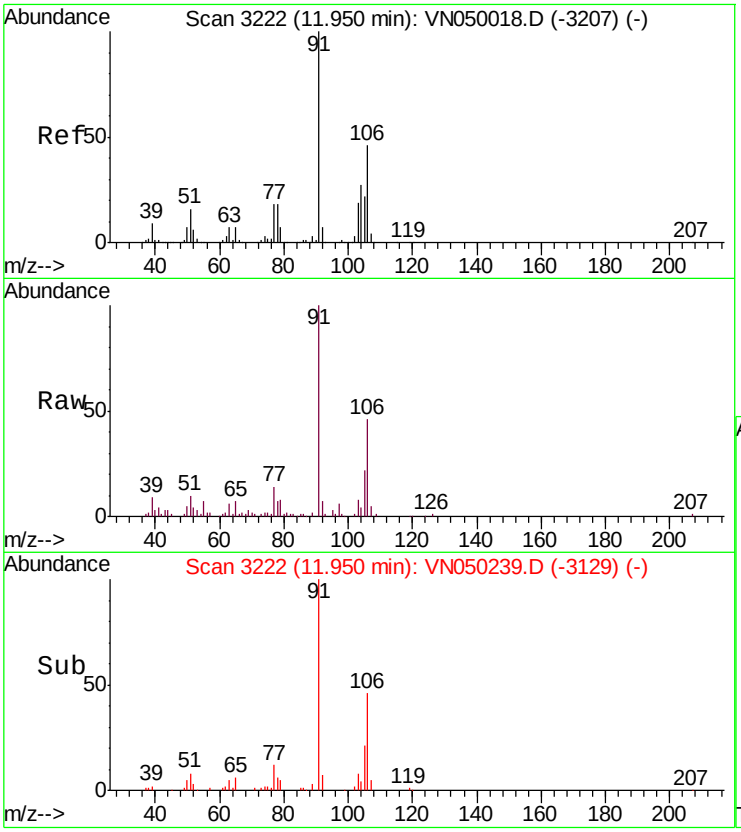


#68
m/p-Xylenes
Concen: 3.481 ug/l
RT: 11.62 min Scan# 3119
Delta R.T. -0.01 min
Lab File: VN050239.D
Acq: 1 Aug 2018 11:00

Tgt Ion:106 Resp: 48832

Ion	Ratio	Lower	Upper
106	100		
91	203.7	162.2	243.2



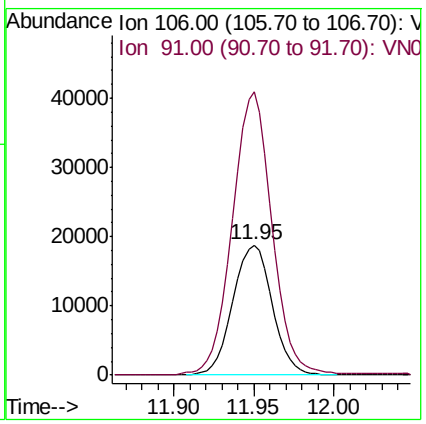


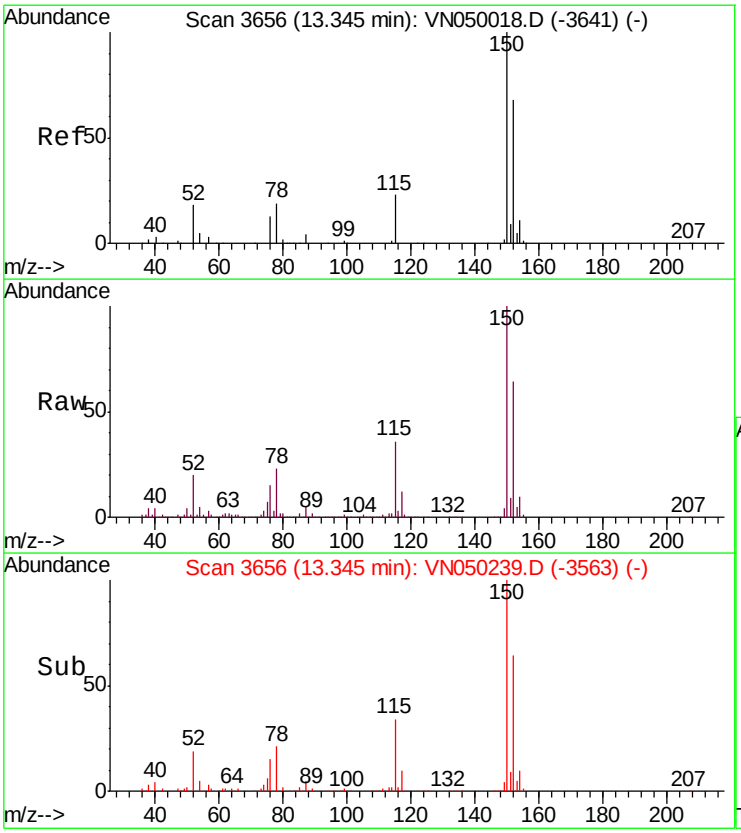
#69
o-Xylene
Concen: 2.364 ug/l
RT: 11.95 min Scan# 3222
Delta R.T. 0.00 min
Lab File: VN050239.D
Acq: 1 Aug 2018 11:00

Instrument :
MSVOA_N
ClientSampleId :
MW-03

Tgt Ion:106 Resp: 31612

Ion	Ratio	Lower	Upper
106	100		
91	219.2	107.7	323.1

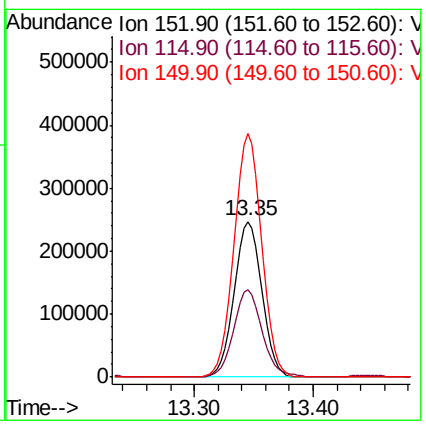


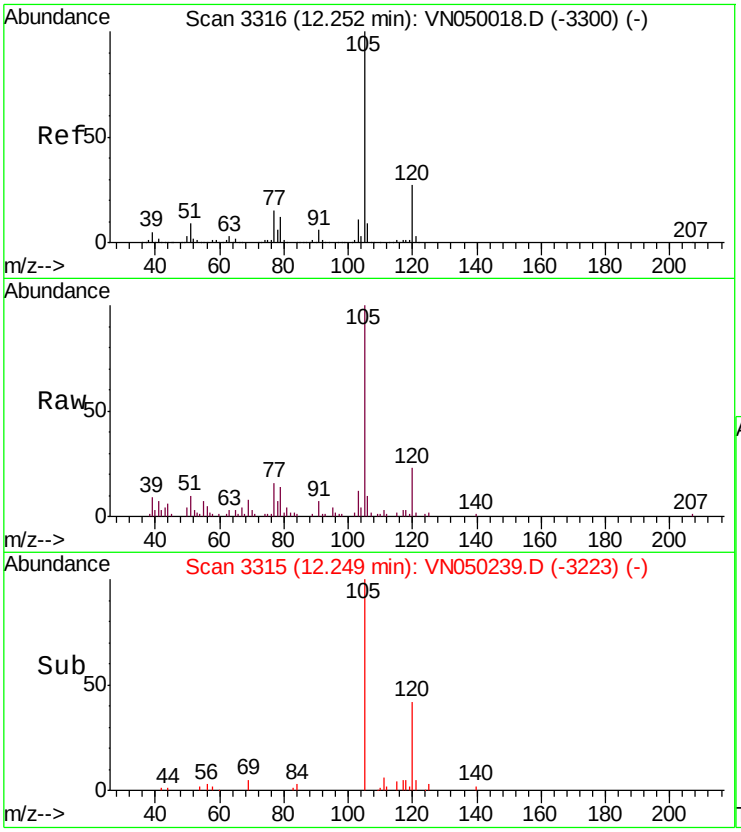


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. 0.00 min
Lab File: VN050239.D
Acq: 1 Aug 2018 11:00

Tgt Ion:152 Resp: 397807

Ion	Ratio	Lower	Upper
152	100		
115	57.9	27.8	83.3
150	156.0	0.0	348.6



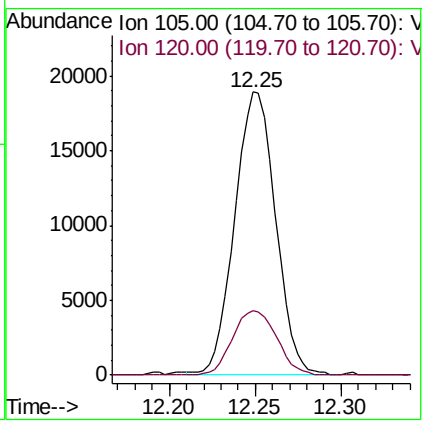


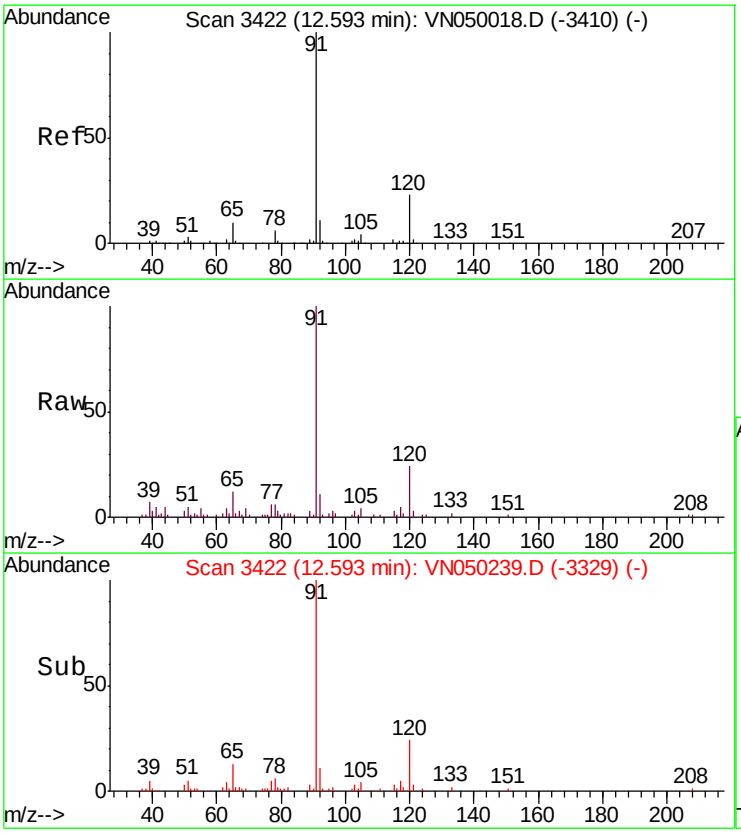
#73
Isopropylbenzene
Concen: 1.014 ug/l
RT: 12.25 min Scan# 3315
Delta R.T. -0.00 min
Lab File: VN050239.D
Acq: 1 Aug 2018 11:00

Instrument :
MSVOA_N
ClientSampleId :
MW-03

Tgt Ion:105 Resp: 31286

Ion	Ratio	Lower	Upper
105	100		
120	24.4	13.3	39.8

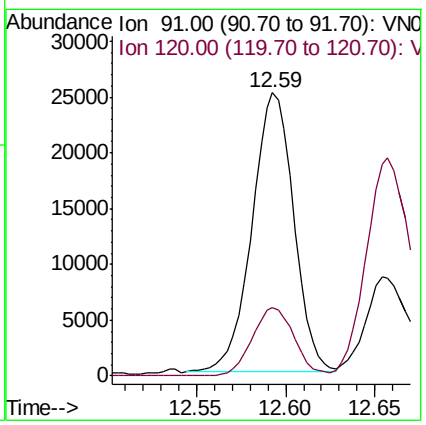


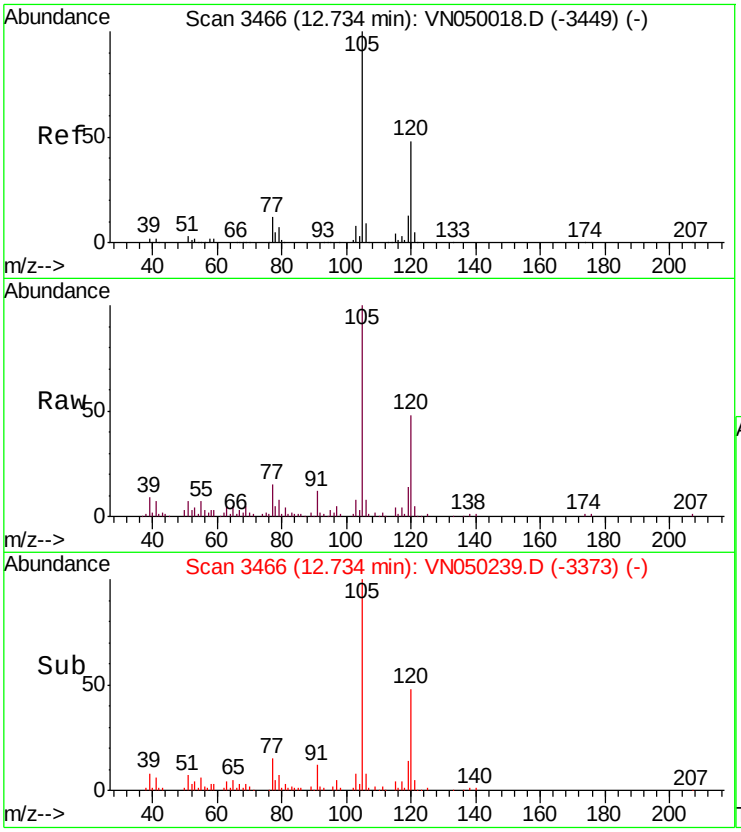


#78
n-propylbenzene
Concen: 1.191 ug/l
RT: 12.59 min Scan# 3422
Delta R.T. 0.00 min
Lab File: VN050239.D
Acq: 1 Aug 2018 11:00

Tgt Ion: 91 Resp: 41088

Ion	Ratio	Lower	Upper
91	100		
120	24.5	11.6	34.7



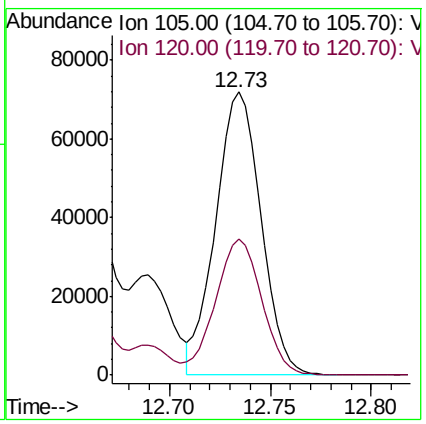


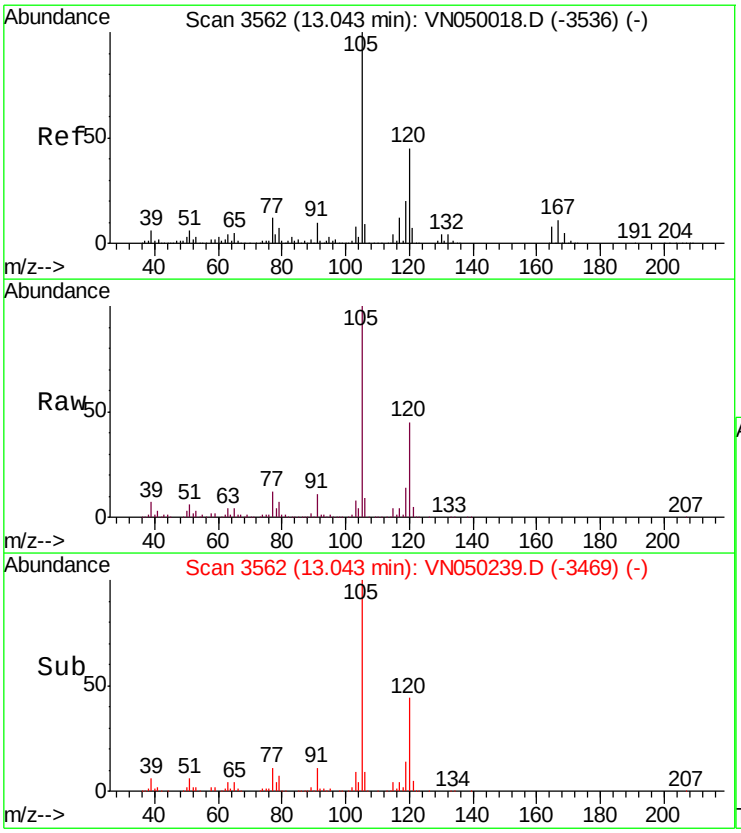
#80
1,3,5-Trimethylbenzene
Concen: 4.656 ug/l
RT: 12.73 min Scan# 3466
Delta R.T. 0.00 min
Lab File: VN050239.D
Acq: 1 Aug 2018 11:00

Instrument :
MSVOA_N
ClientSampleId :
MW-03

Tgt Ion:105 Resp: 112988

Ion	Ratio	Lower	Upper
105	100		
120	49.3	24.4	73.2

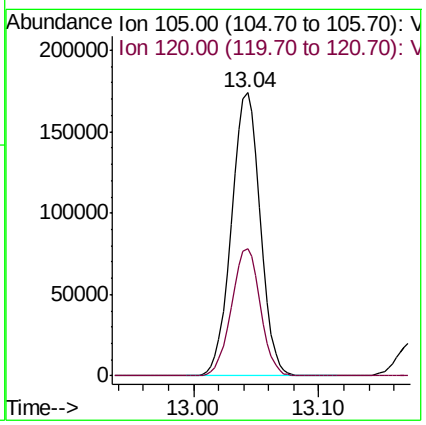


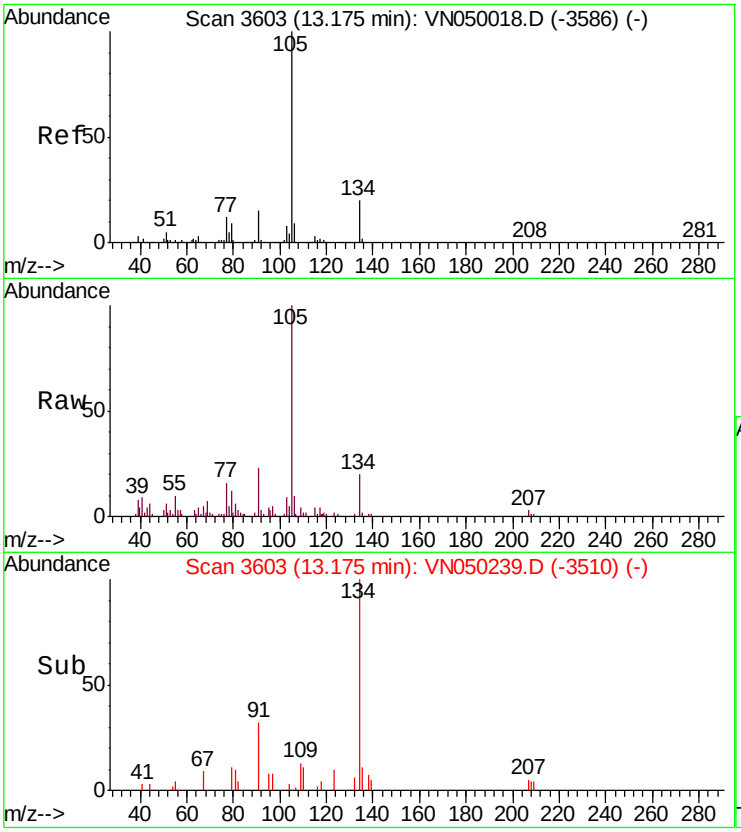


#84
1,2,4-Trimethylbenzene
Concen: 11.255 ug/l
RT: 13.04 min Scan# 3562
Delta R.T. 0.00 min
Lab File: VN050239.D
Acq: 1 Aug 2018 11:00

Tgt Ion:105 Resp: 275314

Ion	Ratio	Lower	Upper
105	100		
120	45.7	22.9	68.7



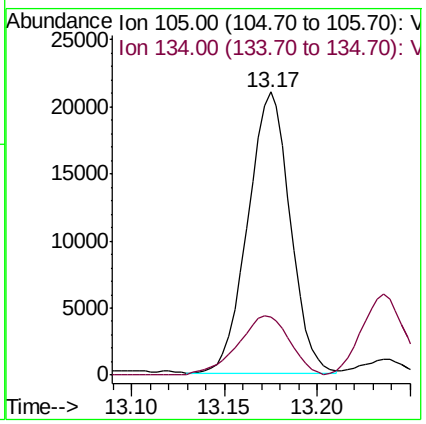


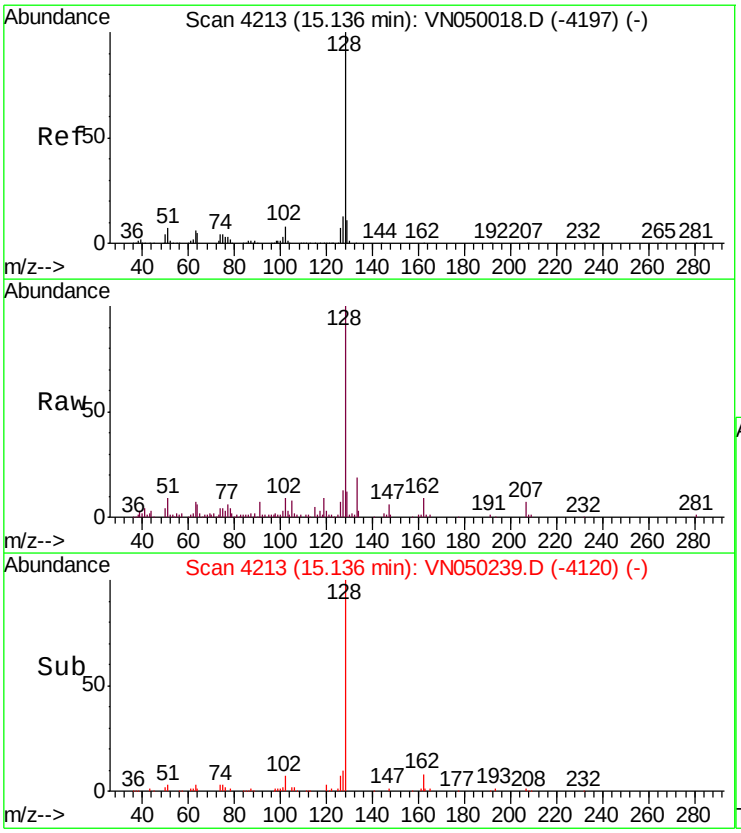
#85
sec-Butylbenzene
Concen: 1.179 ug/l
RT: 13.17 min Scan# 3603
Delta R.T. 0.00 min
Lab File: VN050239.D
Acq: 1 Aug 2018 11:00

Instrument :
MSVOA_N
ClientSampleId :
MW-03

Tgt Ion:105 Resp: 33364

Ion	Ratio	Lower	Upper
105	100		
134	25.8	10.1	30.1





#95
Naphthalene
Concen: 8.965 ug/l
RT: 15.14 min Scan# 4213
Delta R.T. 0.00 min
Lab File: VN050239.D
Acq: 1 Aug 2018 11:00

Tgt Ion:128 Resp: 90673

Ion	Ratio	Lower	Upper
128	100		
127	14.0	10.4	15.6
129	9.3	8.8	13.2