Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN121418\
Data File : VN052911.D
Acq On : 15 Dec 2018 1:19
Operator : MD\SY
Sample : J6390-08
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 36 Sample Multiplier: 28

Instrument : MSVOA_N
ClientSampleId : 30081

Quant Time: Dec 15 04:21:34 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121218W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 13 01:08:35 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1347783	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2071240	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1814823	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	756513	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	679902	47.44	ug/l	0.00
Spiked Amount 50.000			Recovery = 94.88%			
35) Dibromofluoromethane	7.59	113	540688	46.77	ug/l	0.00
Spiked Amount 50.000			Recovery = 93.54%			
50) Toluene-d8	10.09	98	2506207	50.00	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.00%			
62) 4-Bromofluorobenzene	12.40	95	818840	48.21	ug/l	0.00
Spiked Amount 50.000			Recovery = 96.42%			
Target Compounds						Qvalue
8) Diethyl Ether	3.41	74	58428	7.755	ug/l	100
11) Tert butyl alcohol	4.77	59	10428	13.023	ug/l #	81
16) Acetone	3.82	43	37228	11.567	ug/l	98
20) Methylene Chloride	4.56	84	53941	3.724	ug/l	99
52) Toluene	10.16	92	73300	2.114	ug/l	97
68) m/p-Xylenes	11.62	106	29447	1.213	ug/l	96
84) 1,2,4-Trimethylbenzene	13.04	105	54635	1.184	ug/l	99

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

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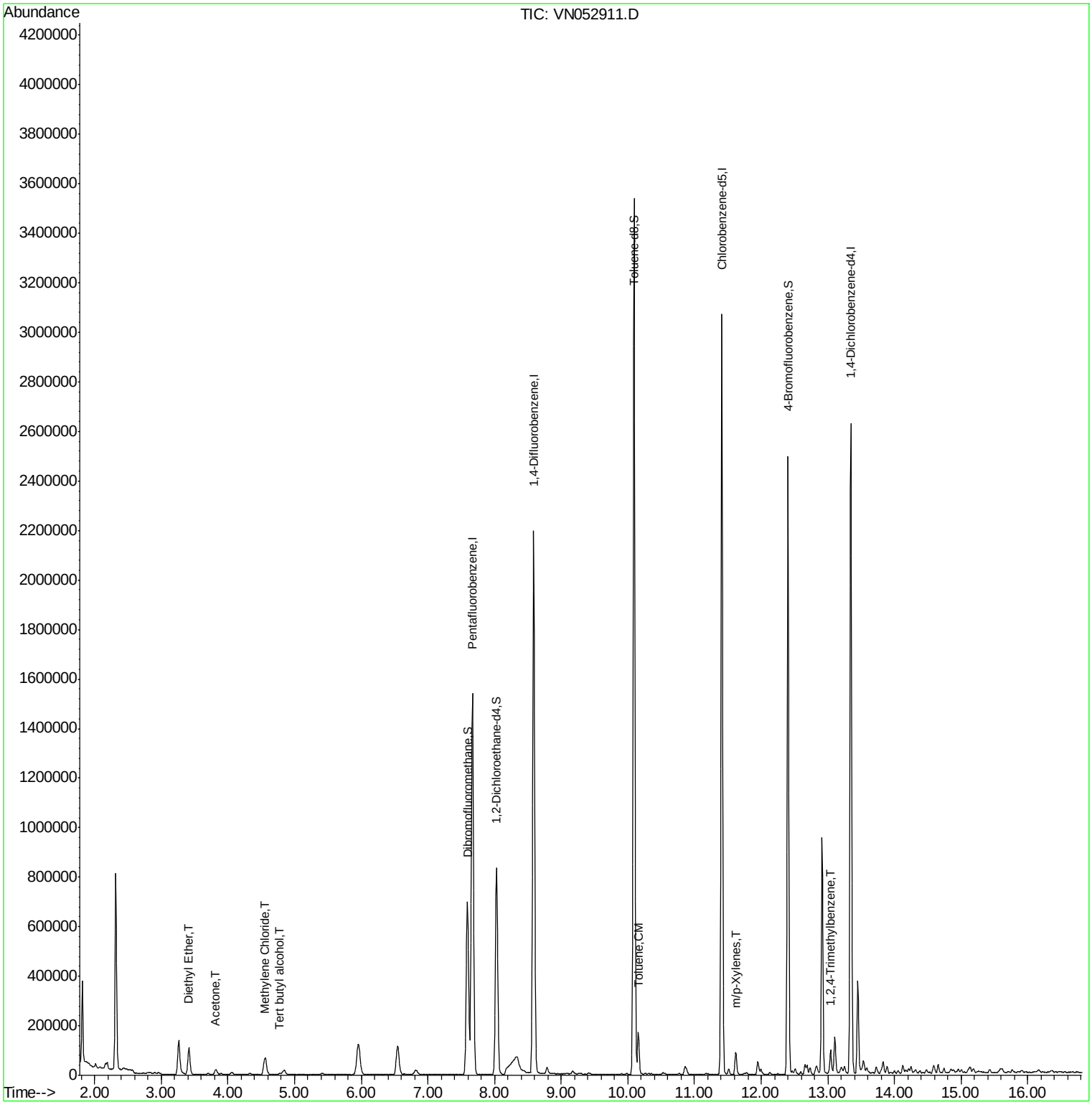
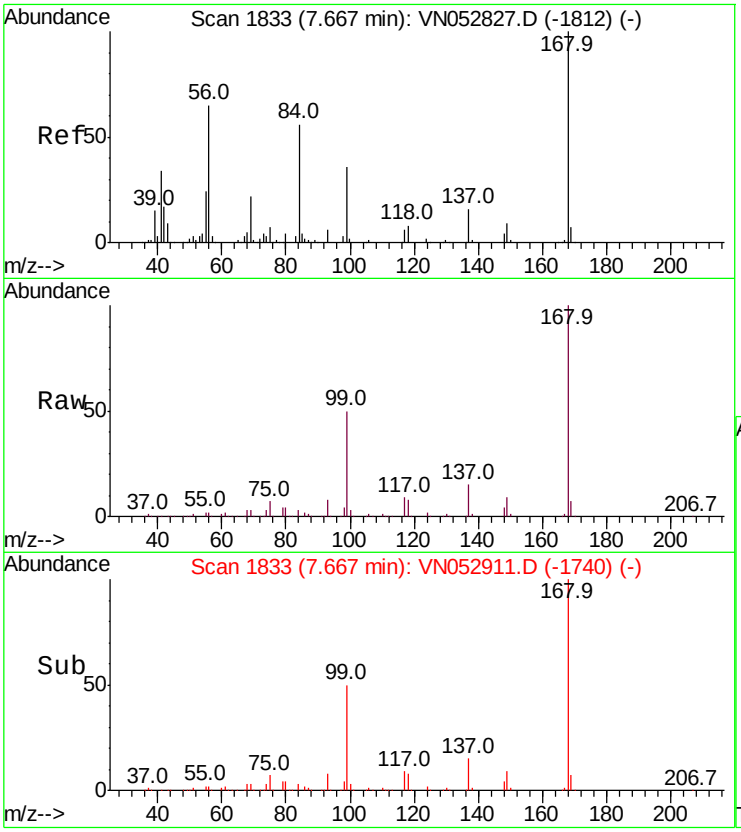
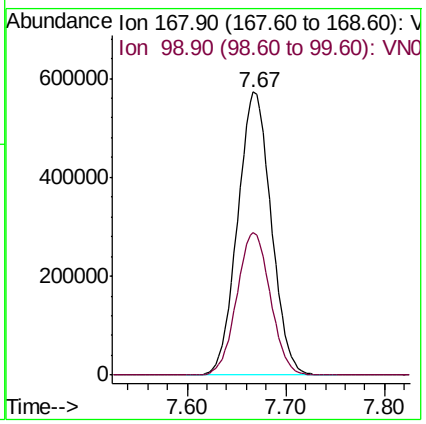




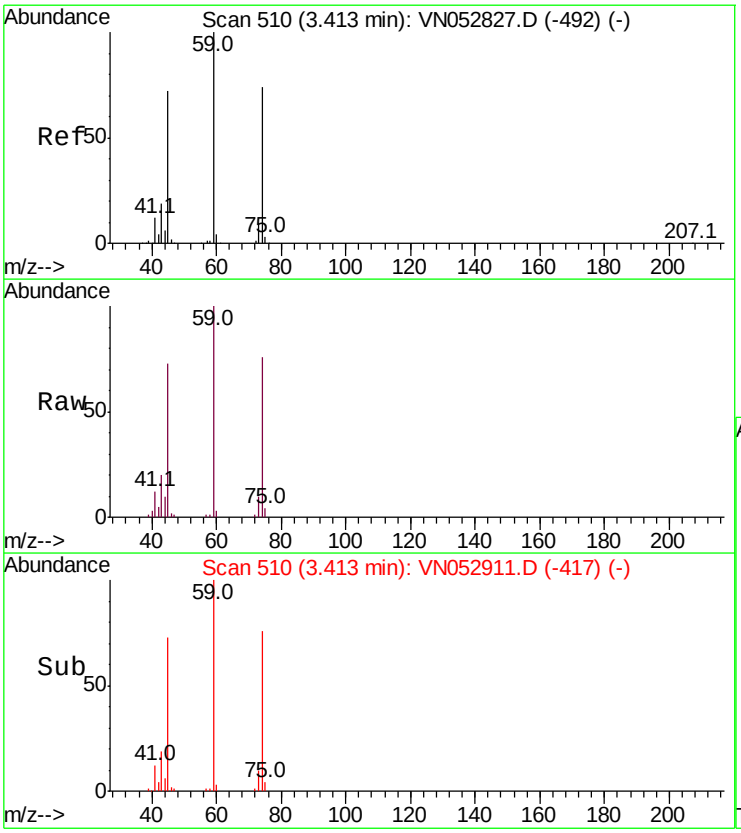
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. 0.00 min
Lab File: VN052911.D
Acq: 15 Dec 2018 1:19

Tgt Ion:168 Resp: 1347783

Ion	Ratio	Lower	Upper
168	100		
99	50.5	40.2	60.2



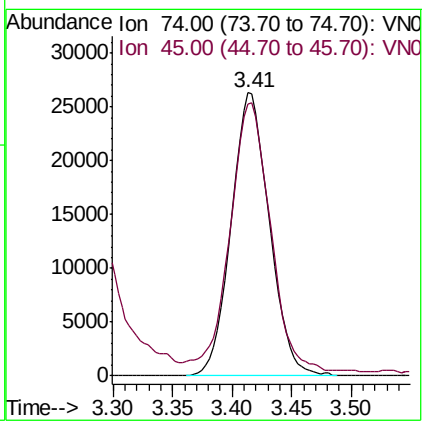
Instrument :
MSVOA_N
ClientSampleId :
30081

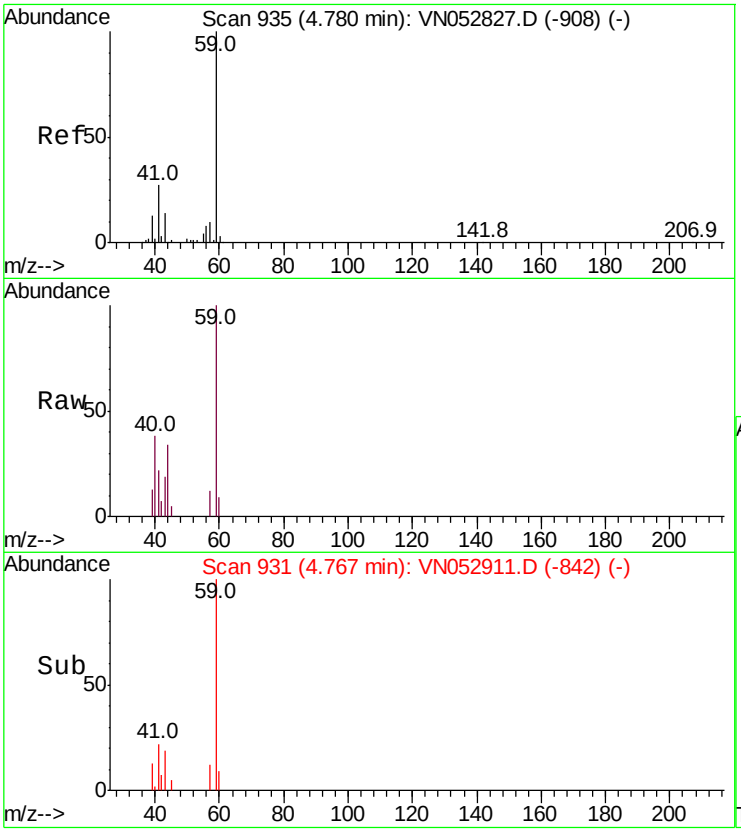


#8
Diethyl Ether
Concen: 7.755 ug/l
RT: 3.41 min Scan# 510
Delta R.T. 0.00 min
Lab File: VN052911.D
Acq: 15 Dec 2018 1:19

Tgt Ion: 74 Resp: 58428

Ion	Ratio	Lower	Upper
74	100		
45	98.9	49.4	148.0



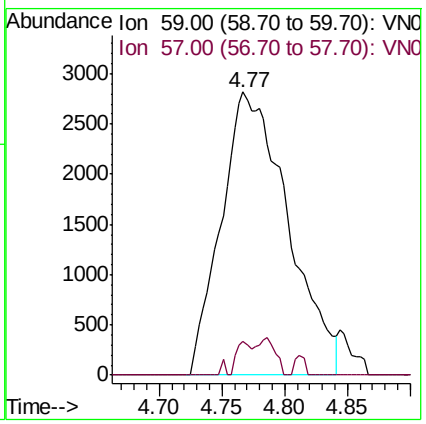


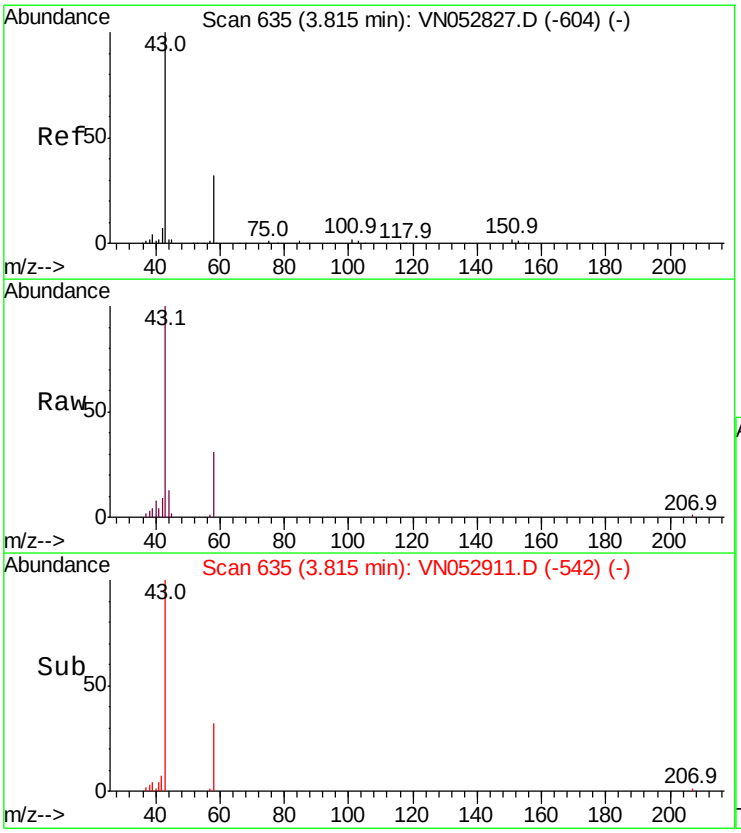
#11
Tert butyl alcohol
Concen: 13.023 ug/l
RT: 4.77 min Scan# 931
Delta R.T. -0.01 min
Lab File: VN052911.D
Acq: 15 Dec 2018 1:19

Instrument : MSVOA_N
ClientSampleId : 30081

Tgt Ion: 59 Resp: 10428

Ion	Ratio	Lower	Upper
59	100		
57	2.6	7.7	11.5#

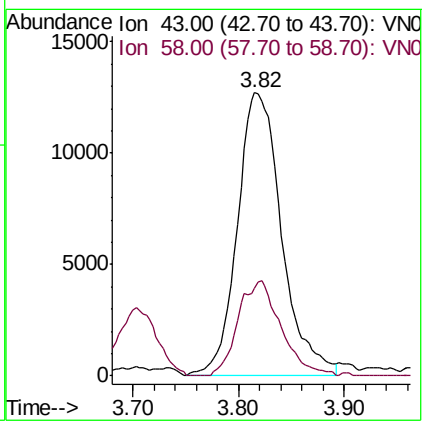


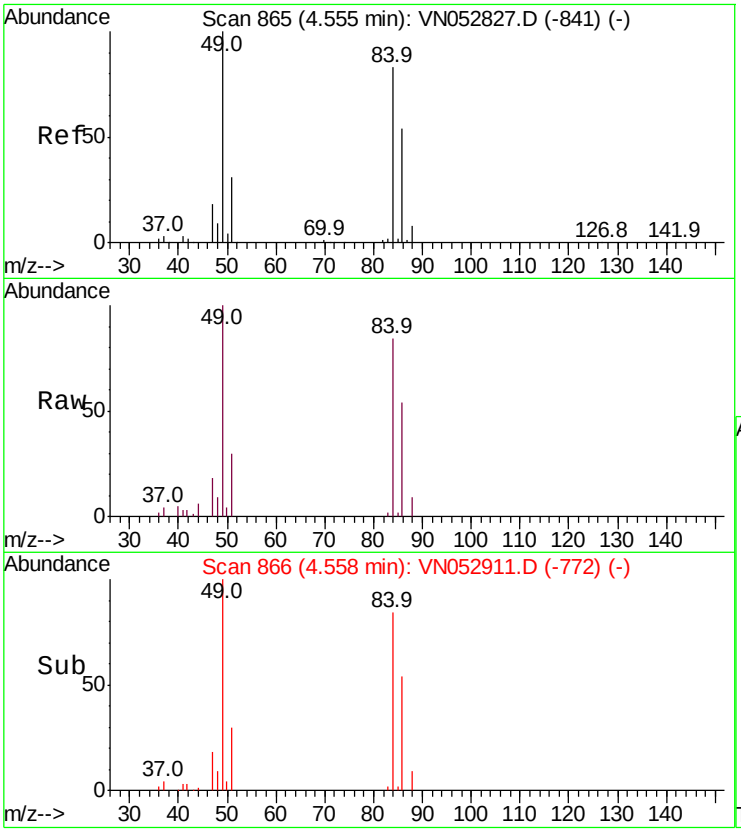


#16
Acetone
Concen: 11.567 ug/l
RT: 3.82 min Scan# 635
Delta R.T. 0.00 min
Lab File: VN052911.D
Acq: 15 Dec 2018 1:19

Tgt Ion: 43 Resp: 37228

Ion	Ratio	Lower	Upper
43	100		
58	30.8	25.4	38.0



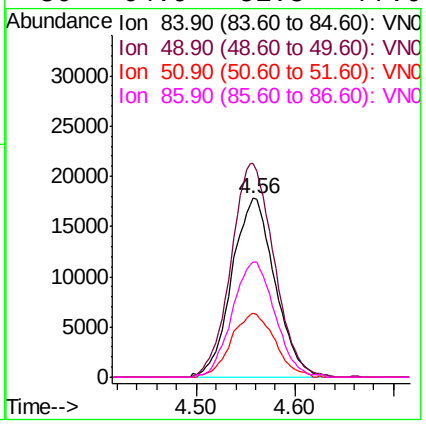


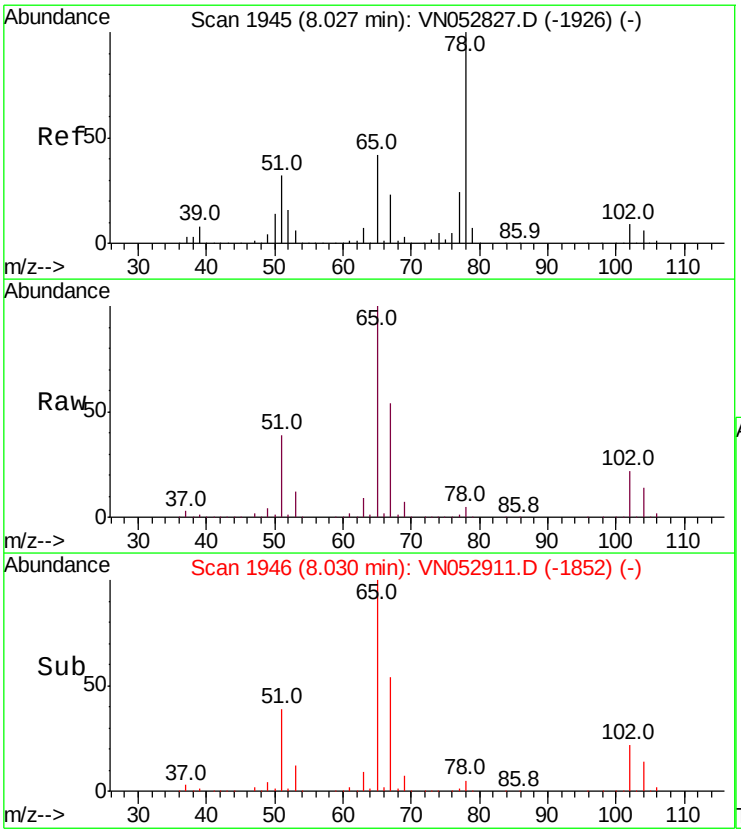
#20
Methylene Chloride
Concen: 3.724 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.00 min
Lab File: VN052911.D
Acq: 15 Dec 2018 1:19

Instrument : MSVOA_N
ClientSampleId : 30081

Tgt Ion: 84 Resp: 53941

Ion	Ratio	Lower	Upper
84	100		
49	119.3	96.8	145.2
51	35.8	29.9	44.9
86	64.9	51.8	77.6

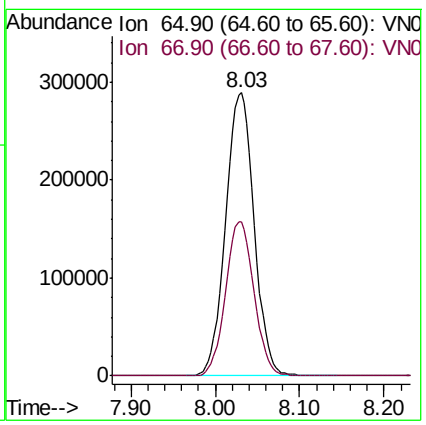


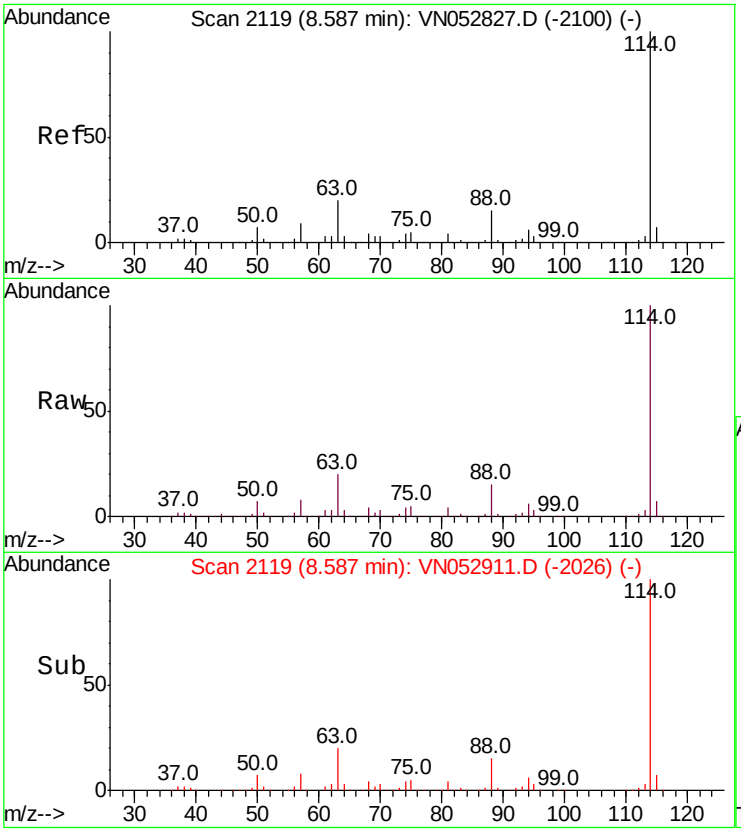


#33
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN052911.D
Acq: 15 Dec 2018 1:19

Tgt Ion: 65 Resp: 679902

Ion	Ratio	Lower	Upper
65	100		
67	54.3	0.0	110.4



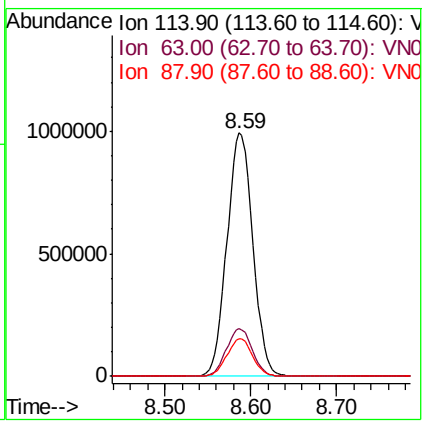


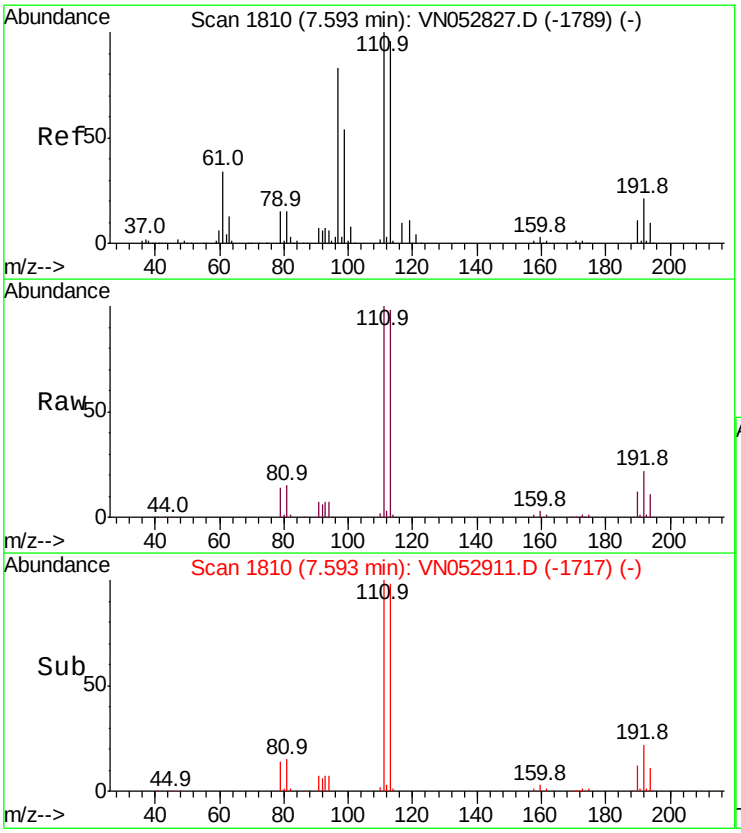
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN052911.D
Acq: 15 Dec 2018 1:19

Instrument : MSVOA_N
ClientSampleId : 30081

Tgt Ion:114 Resp: 2071240

Ion	Ratio	Lower	Upper
114	100		
63	19.7	0.0	39.8
88	15.3	0.0	31.0

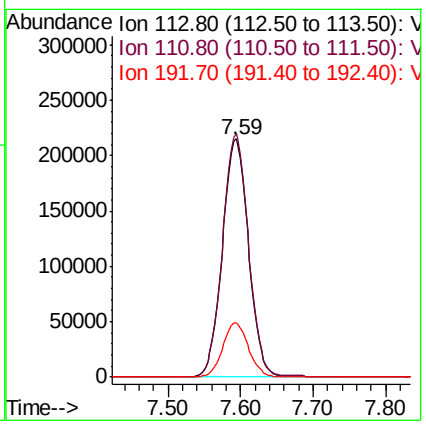


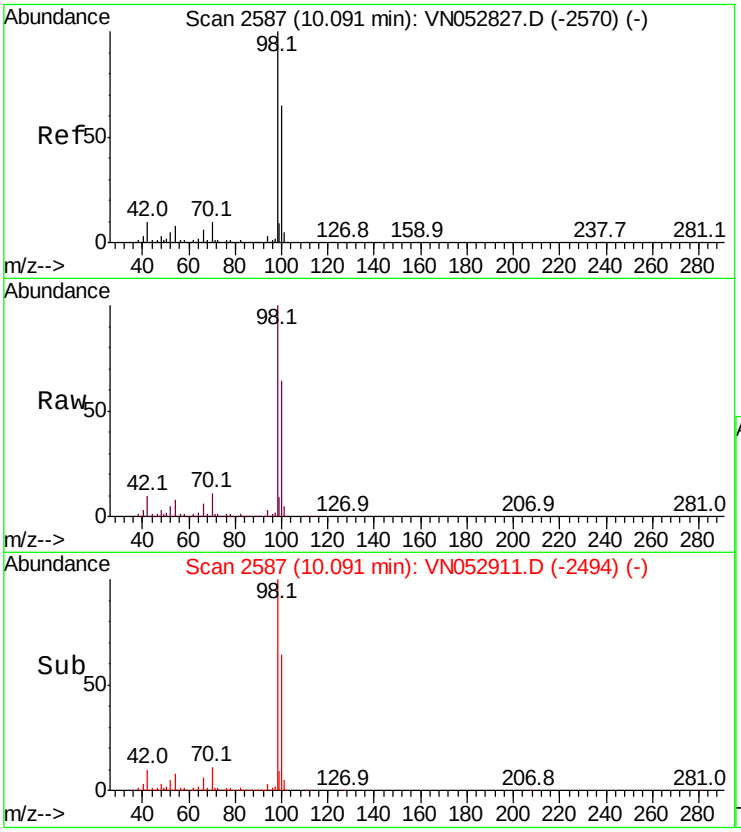


#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN052911.D
Acq: 15 Dec 2018 1:19

Tgt Ion:113 Resp: 540688

Ion	Ratio	Lower	Upper
113	100		
111	101.8	83.0	124.4
192	22.5	17.5	26.3



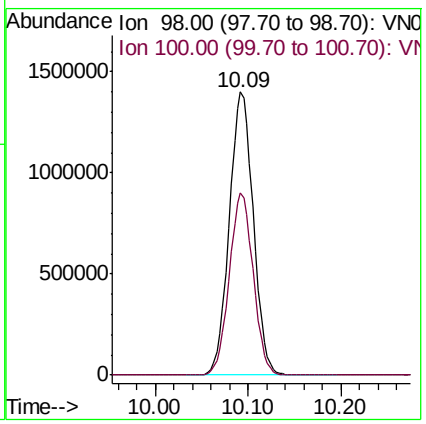


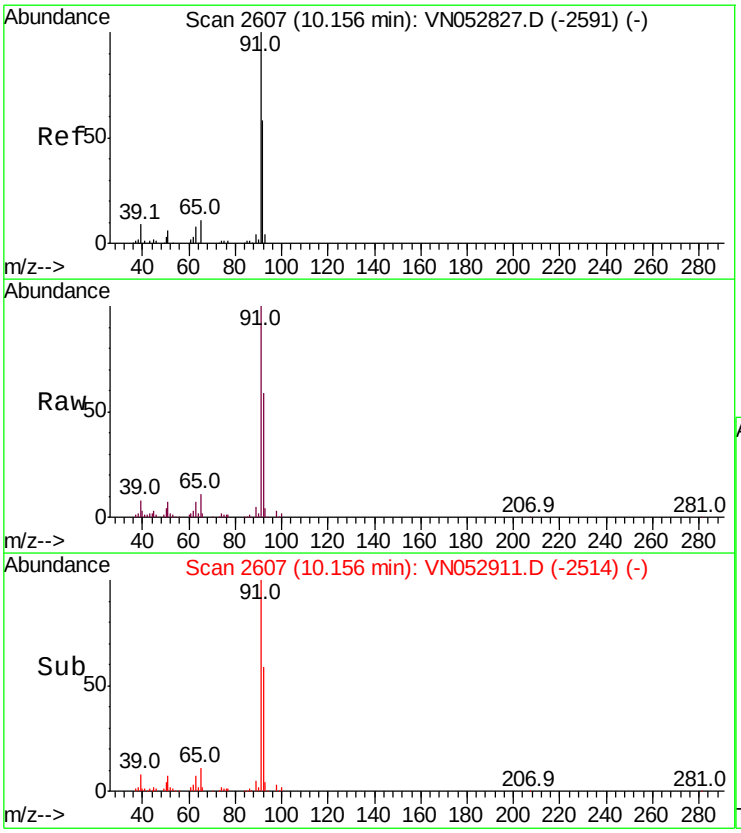
#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN052911.D
Acq: 15 Dec 2018 1:19

Instrument :
MSVOA_N
ClientSampleId :
30081

Tgt Ion: 98 Resp: 2506207

Ion	Ratio	Lower	Upper
98	100		
100	64.1	51.6	77.4

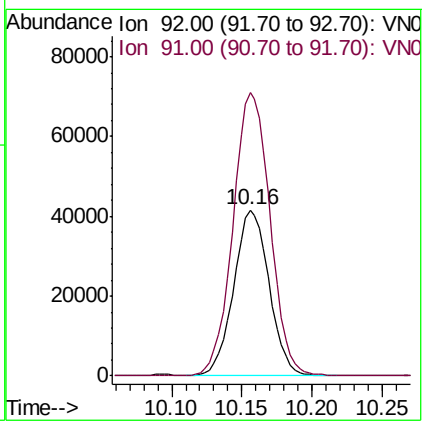


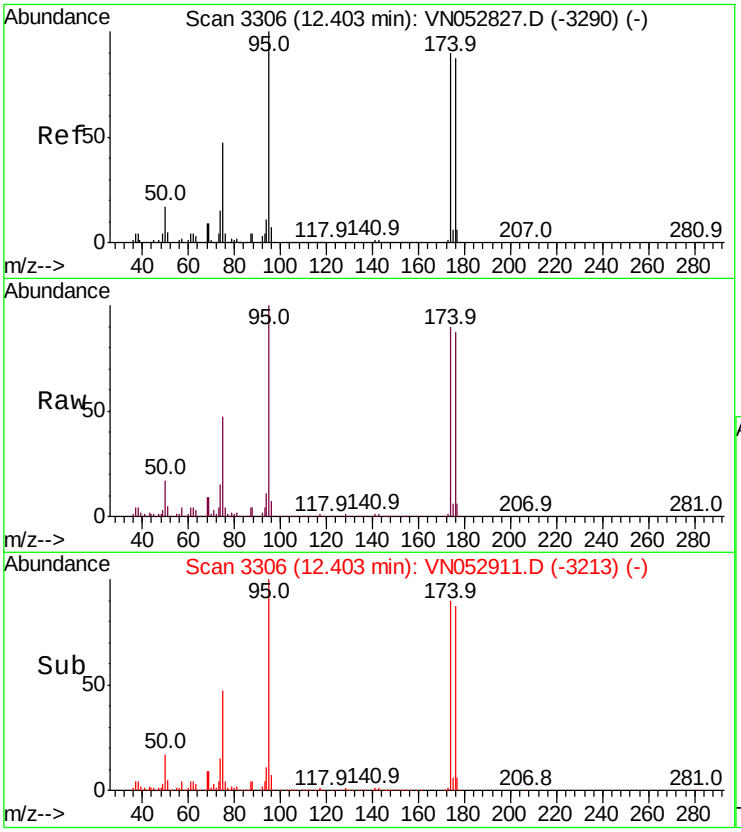


#52
Toluene
Concen: 2.114 ug/l
RT: 10.16 min Scan# 2607
Delta R.T. 0.00 min
Lab File: VN052911.D
Acq: 15 Dec 2018 1:19

Tgt Ion: 92 Resp: 73300

Ion	Ratio	Lower	Upper
92	100		
91	178.3	139.8	209.6



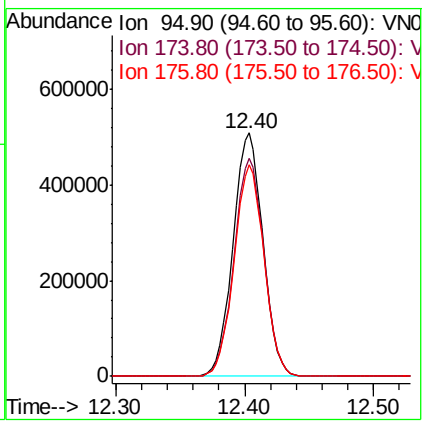


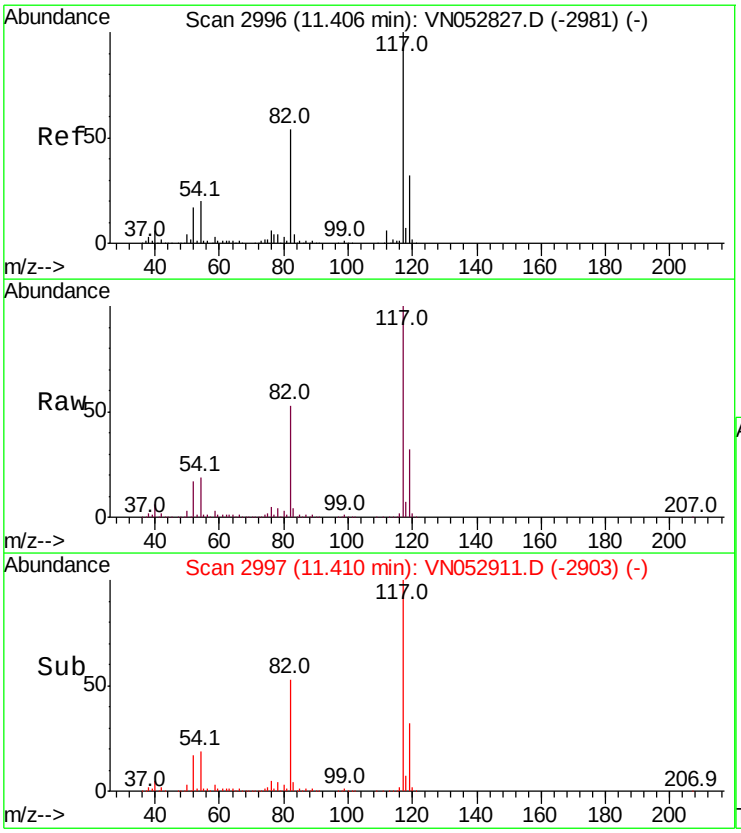
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN052911.D
Acq: 15 Dec 2018 1:19

Instrument :
MSVOA_N
ClientSampleId :
30081

Tgt Ion: 95 Resp: 818840

Ion	Ratio	Lower	Upper
95	100		
174	89.8	0.0	178.8
176	87.0	0.0	173.8

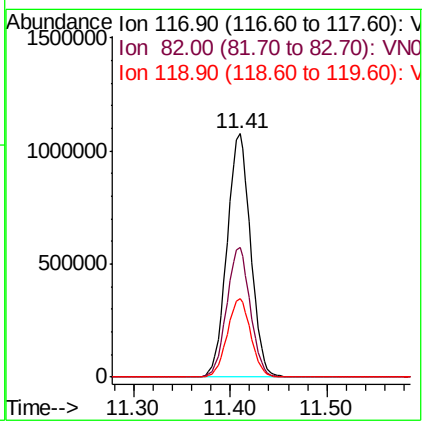


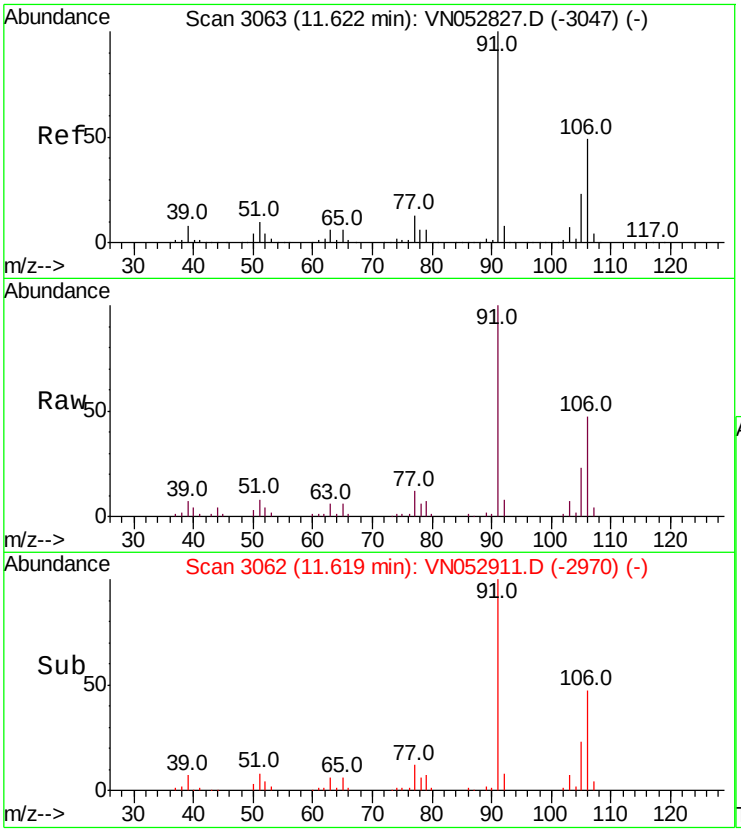


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN052911.D
Acq: 15 Dec 2018 1:19

Tgt Ion:117 Resp: 1814823

Ion	Ratio	Lower	Upper
117	100		
82	53.3	42.8	64.2
119	32.3	25.5	38.3



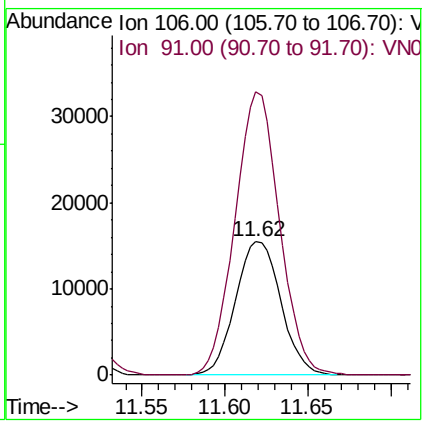


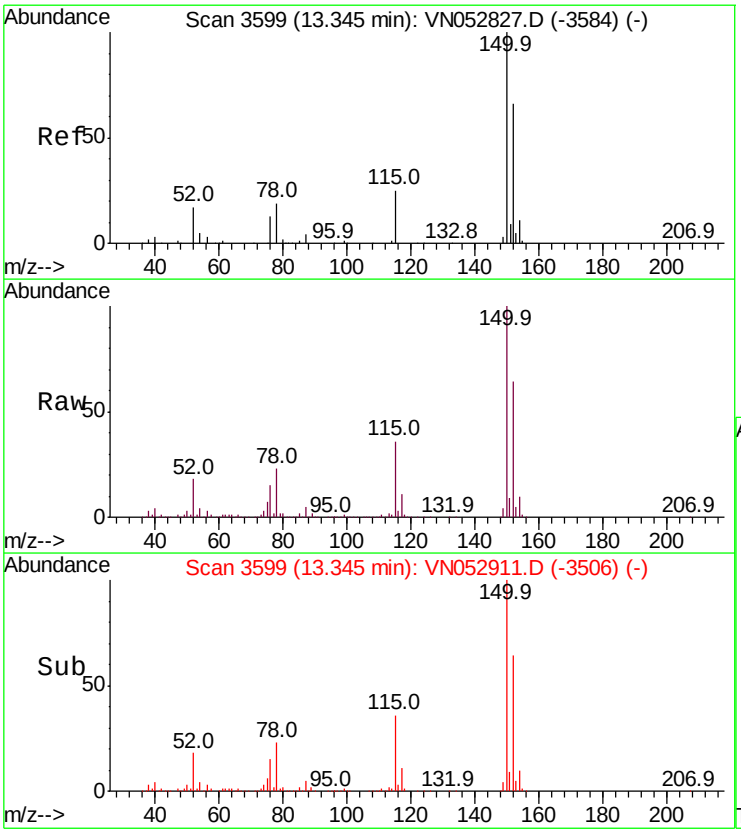
#68
m/p-Xylenes
Concen: 1.213 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN052911.D
Acq: 15 Dec 2018 1:19

Instrument : MSVOA_N
ClientSampleId : 30081

Tgt Ion:106 Resp: 29447

Ion	Ratio	Lower	Upper
106	100		
91	208.4	162.2	243.4

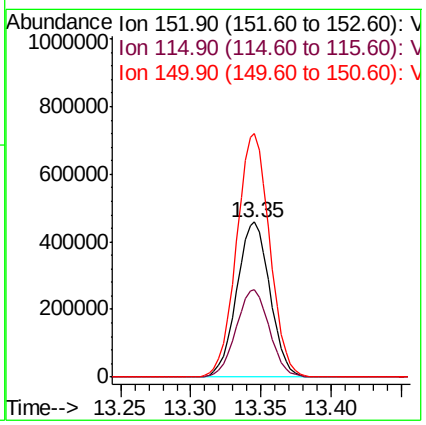


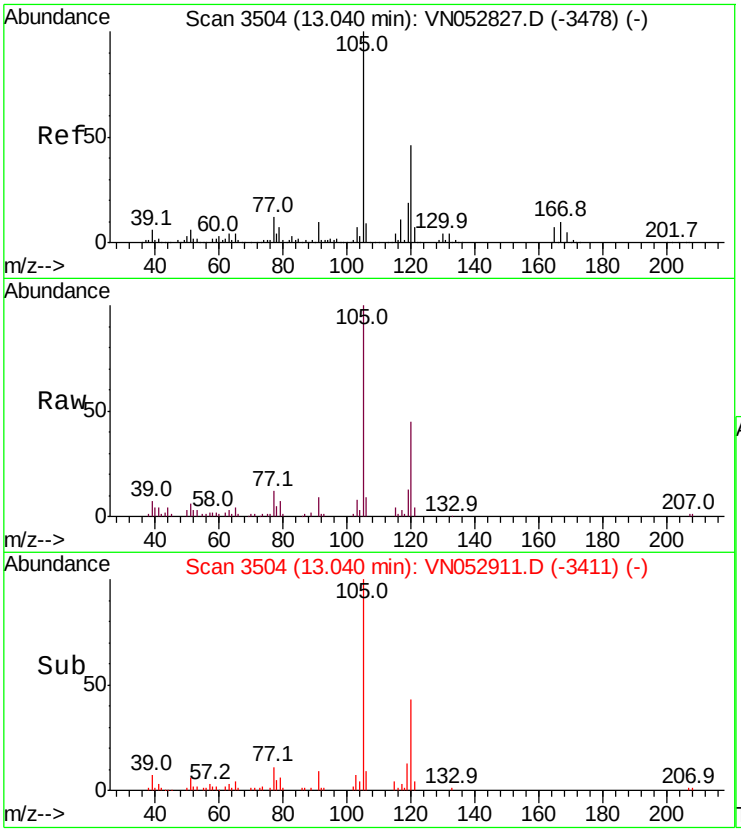


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN052911.D
Acq: 15 Dec 2018 1:19

Tgt Ion:152 Resp: 756513

Ion	Ratio	Lower	Upper
152	100		
115	56.3	28.3	85.0
150	156.6	0.0	347.8





#84
1,2,4-Trimethylbenzene
Concen: 1.184 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. 0.00 min
Lab File: VN052911.D
Acq: 15 Dec 2018 1:19

Instrument :
MSVOA_N
ClientSampleId :
30081

Tgt Ion:105 Resp: 54635

Ion	Ratio	Lower	Upper
105	100		
120	45.4	22.9	68.8