Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN080418\
Data File : VN050372.D
Acq On : 4 Aug 2018 17:26
Operator : MD\SY
Sample : J4356-05
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MW-07

Quant Time: Aug 06 13:56:51 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	667100	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1048578	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	942966	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	411687	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	462769	49.72	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.44%			
35) Dibromofluoromethane	7.59	113	408767	47.75	ug/l	0.00
Spiked Amount 50.000			Recovery = 95.50%			
50) Toluene-d8	10.09	98	1471537	46.75	ug/l	0.00
Spiked Amount 50.000			Recovery = 93.50%			
62) 4-Bromofluorobenzene	12.40	95	457598	44.15	ug/l	0.00
Spiked Amount 50.000			Recovery = 88.30%			
Target Compounds						Qvalue
16) Acetone	3.82	43	33472	11.12	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	602014	29.38	ug/l	100
40) Benzene	8.04	78	25563	0.71	ug/l	100
65) Chlorobenzene	11.44	112	234879	9.86	ug/l	99

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

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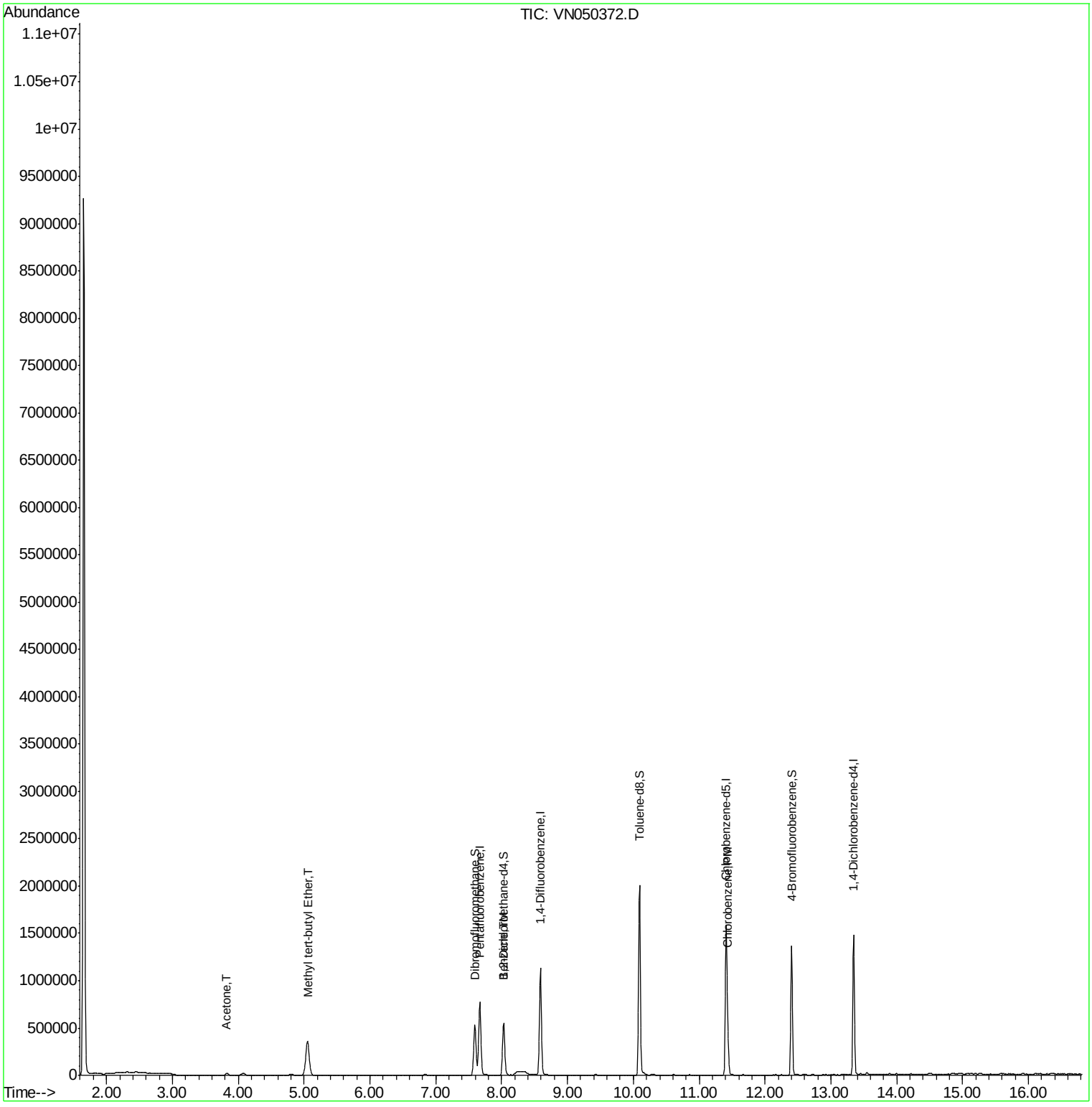
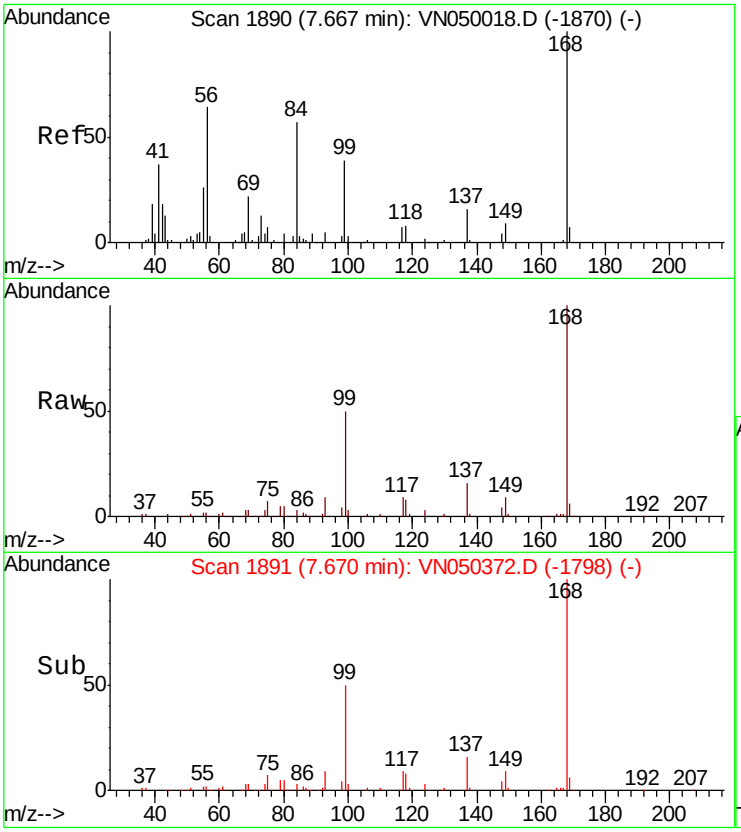


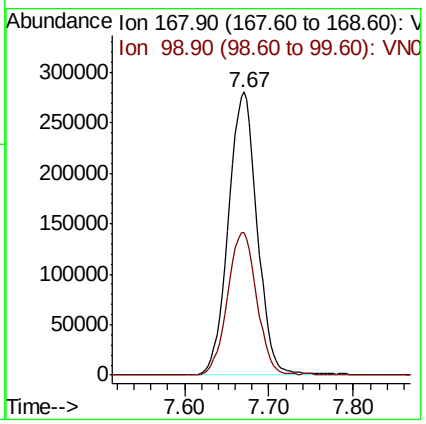


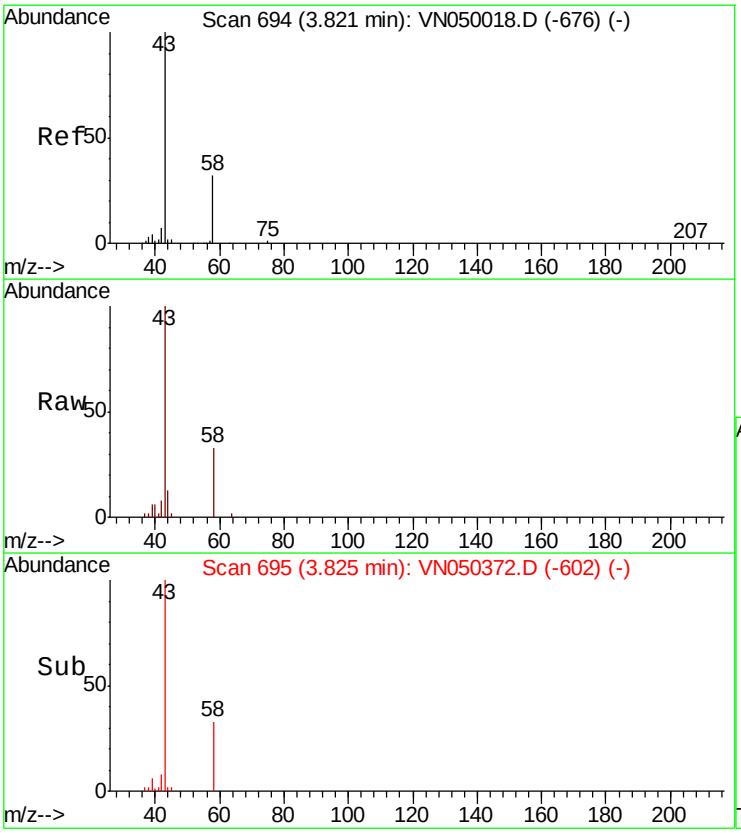
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.67 min Scan# 1891
Delta R.T. 0.00 min
Lab File: VN050372.D
Acq: 4 Aug 2018 17:26

Instrument :
MSVOA_N
ClientSampleId :
MW-07

Tgt Ion:168 Resp: 667100

Ion	Ratio	Lower	Upper
168	100		
99	50.5	40.0	60.0

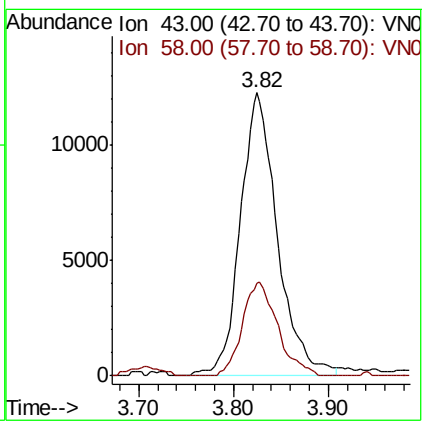


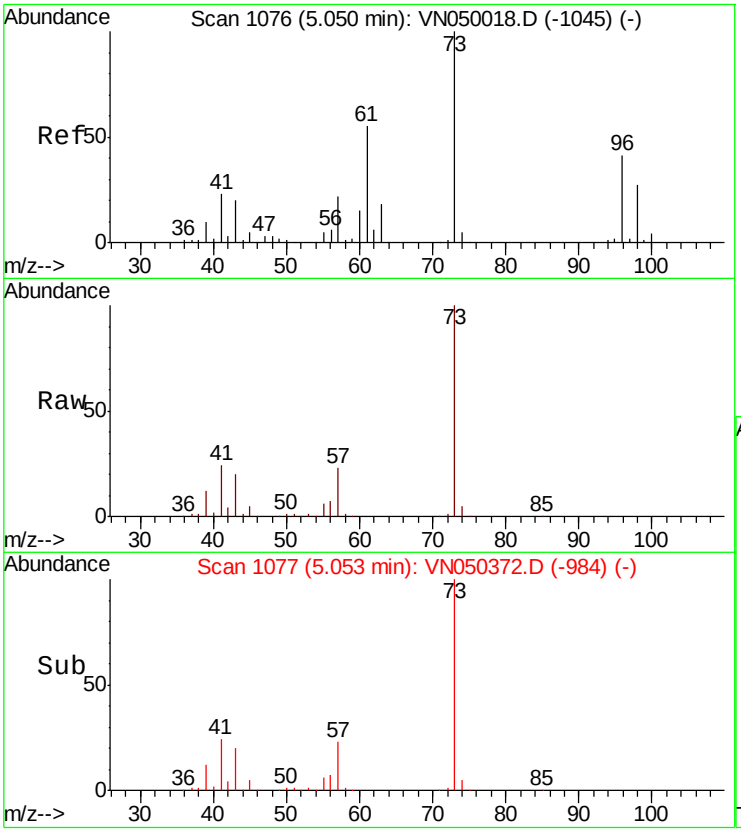


#16
Acetone
Concen: 11.12 ug/l
RT: 3.82 min Scan# 695
Delta R.T. 0.00 min
Lab File: VN050372.D
Acq: 4 Aug 2018 17:26

Tgt Ion: 43 Resp: 33472

Ion	Ratio	Lower	Upper
43	100		
58	32.8	25.8	38.8



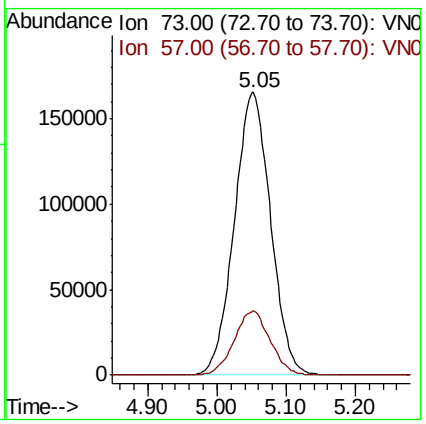


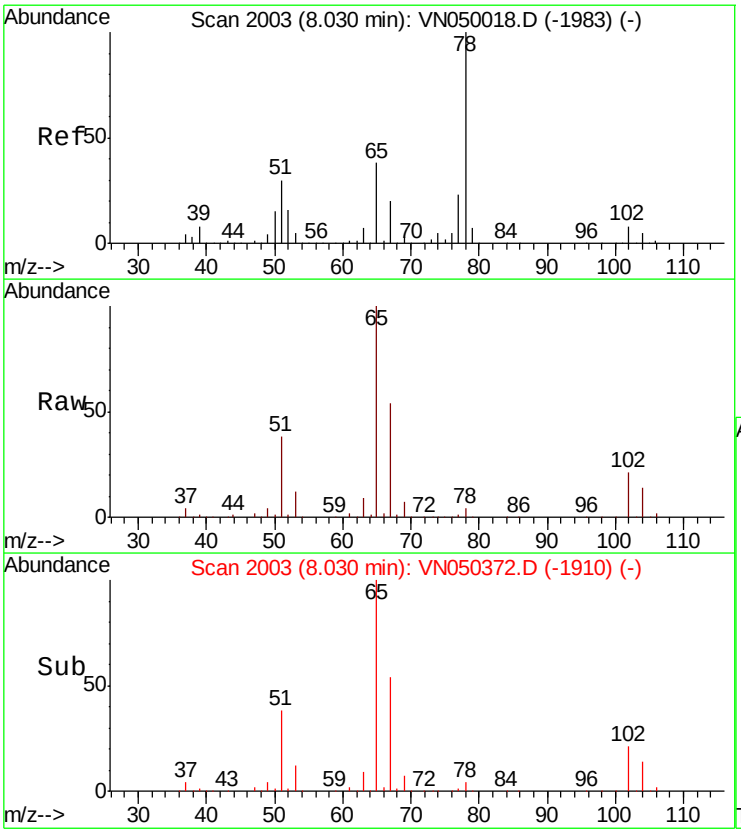
#19
Methyl tert-butyl Ether
Concen: 29.38 ug/l
RT: 5.05 min Scan# 1077
Delta R.T. 0.00 min
Lab File: VN050372.D
Acq: 4 Aug 2018 17:26

Instrument :
MSVOA_N
ClientSampleId :
MW-07

Tgt Ion: 73 Resp: 602014

Ion	Ratio	Lower	Upper
73	100		
57	22.7	18.0	27.0

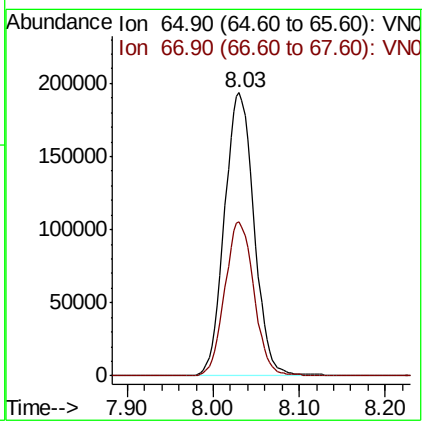


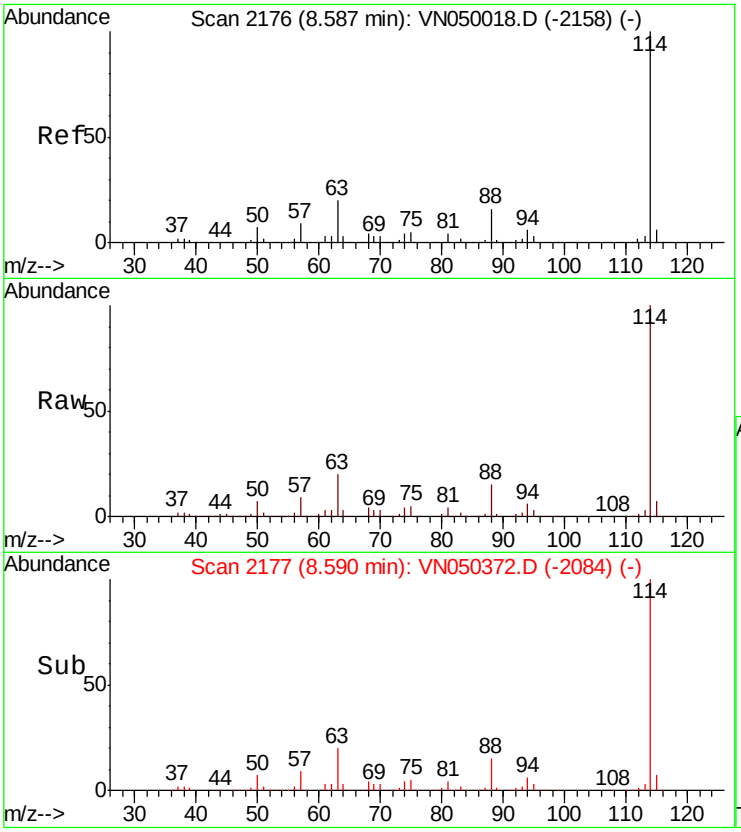


#33
1,2-Dichloroethane-d4
Concen: 49.72 ug/l
RT: 8.03 min Scan# 2003
Delta R.T. 0.00 min
Lab File: VN050372.D
Acq: 4 Aug 2018 17:26

Tgt Ion: 65 Resp: 462769

Ion	Ratio	Lower	Upper
65	100		
67	53.8	0.0	108.4



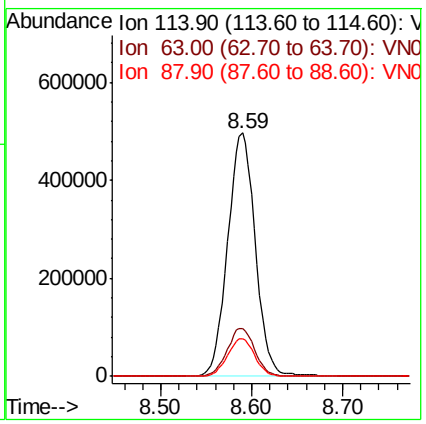


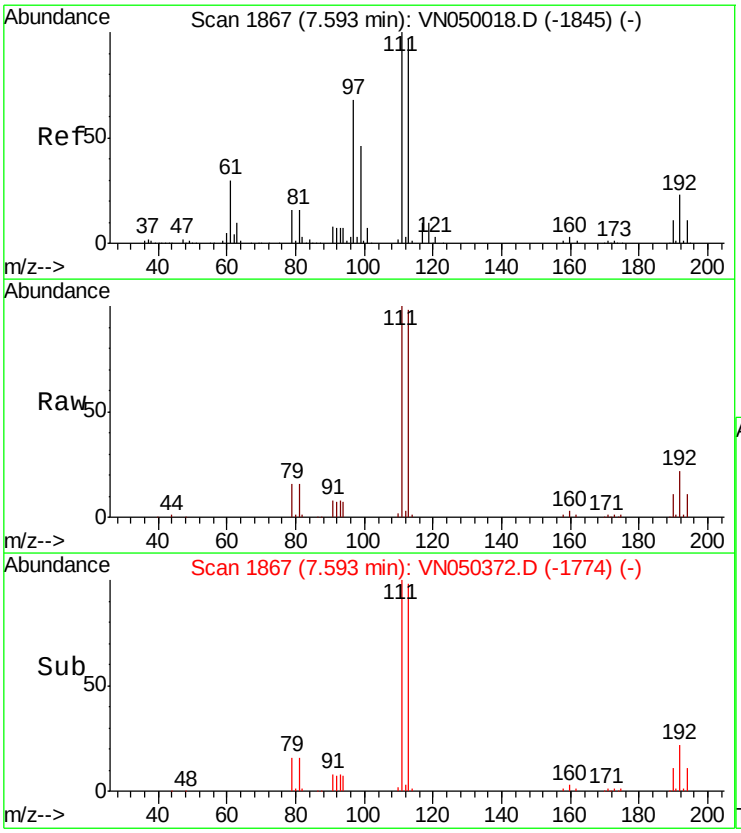
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.59 min Scan# 2177
Delta R.T. 0.00 min
Lab File: VN050372.D
Acq: 4 Aug 2018 17:26

Instrument :
MSVOA_N
ClientSampleId :
MW-07

Tgt Ion:114 Resp: 1048578

Ion	Ratio	Lower	Upper
114	100		
63	19.6	0.0	40.0
88	15.5	0.0	31.2

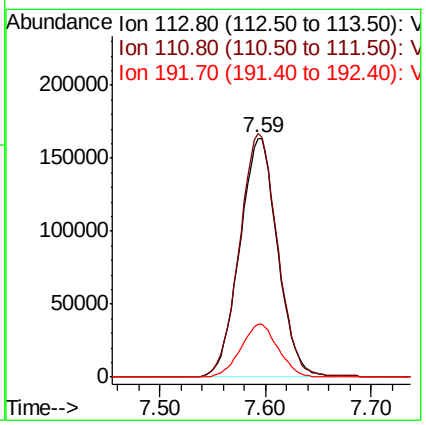


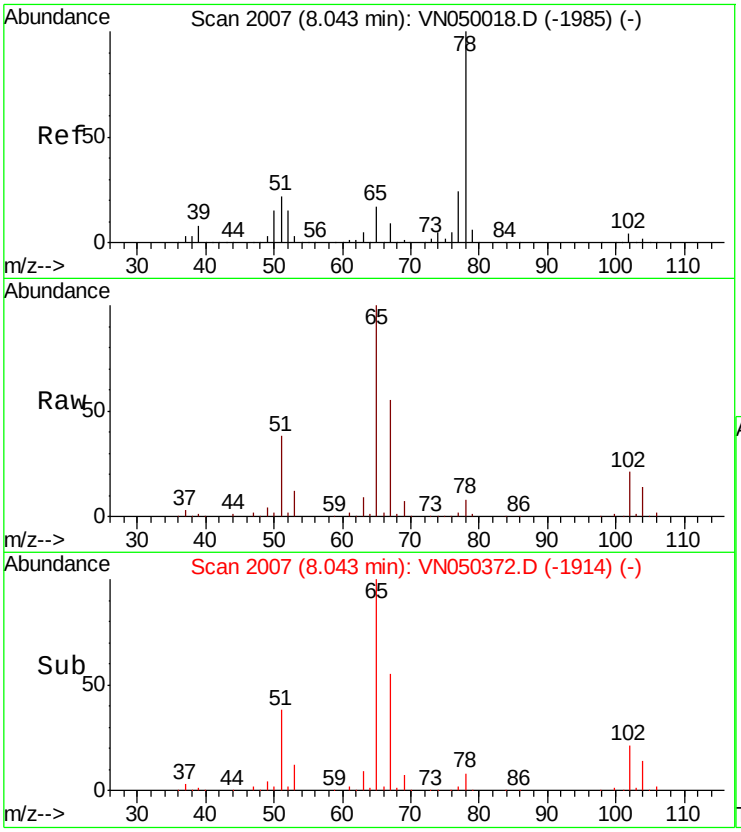


#35
Dibromofluoromethane
Concen: 47.75 ug/l
RT: 7.59 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VN050372.D
Acq: 4 Aug 2018 17:26

Tgt Ion:113 Resp: 408767

Ion	Ratio	Lower	Upper
113	100		
111	102.1	80.7	121.1
192	21.9	17.8	26.6



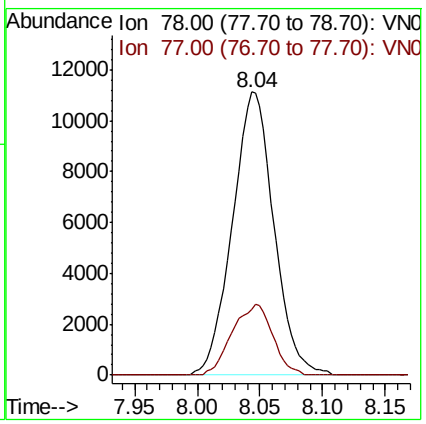


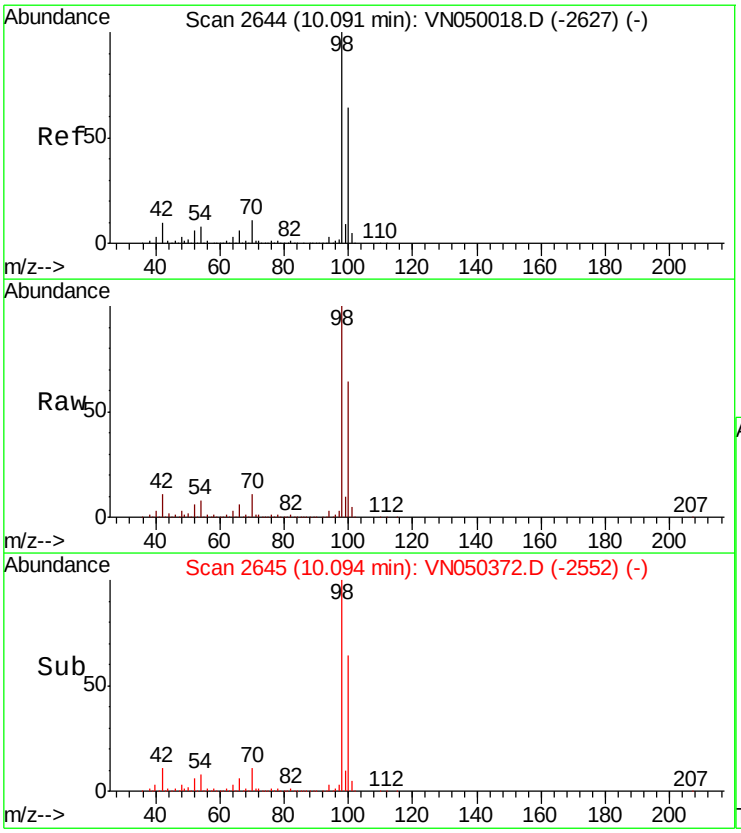
#40
Benzene
Concen: 0.71 ug/l
RT: 8.04 min Scan# 2007
Delta R.T. 0.00 min
Lab File: VN050372.D
Acq: 4 Aug 2018 17:26

Instrument :
MSVOA_N
ClientSampleId :
MW-07

Tgt Ion: 78 Resp: 25563

Ion	Ratio	Lower	Upper
78	100		
77	23.4	18.7	28.1

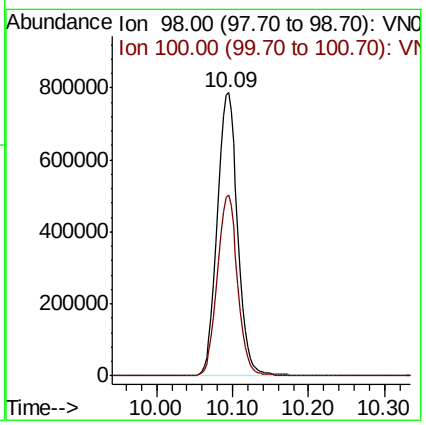


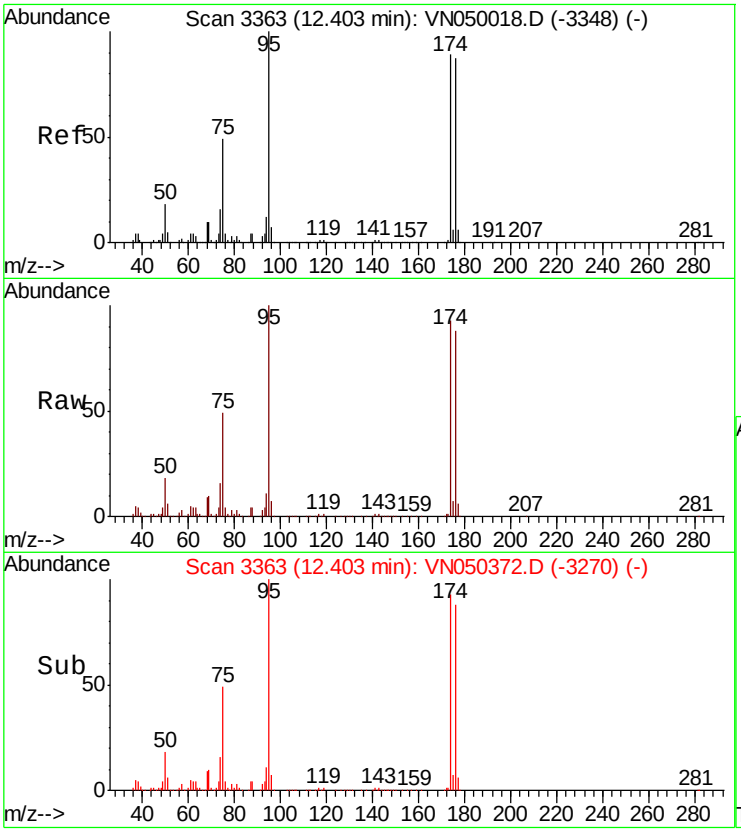


#50
Toluene-d8
Concen: 46.75 ug/l
RT: 10.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VN050372.D
Acq: 4 Aug 2018 17:26

Tgt Ion: 98 Resp: 1471537

Ion	Ratio	Lower	Upper
98	100		
100	63.5	50.7	76.1



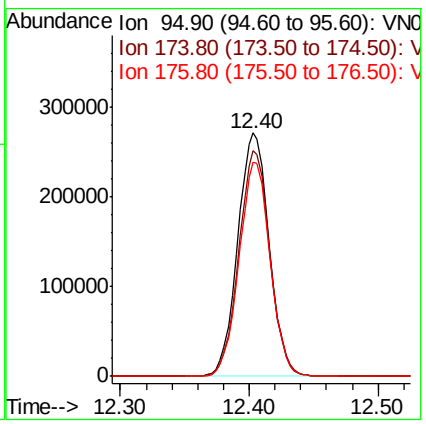


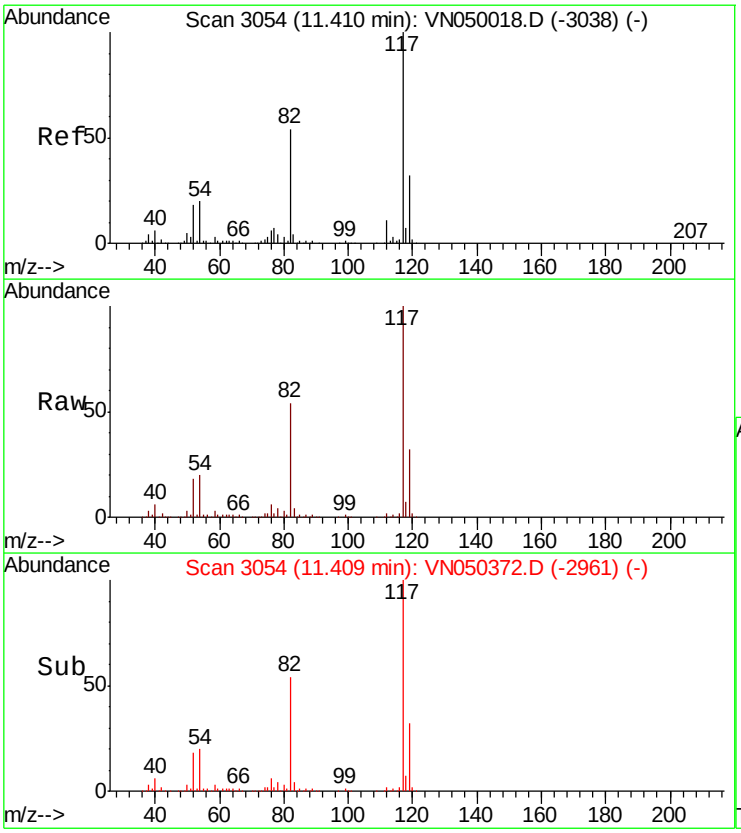
#62
4-Bromofluorobenzene
Concen: 44.15 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN050372.D
Acq: 4 Aug 2018 17:26

Instrument :
MSVOA_N
ClientSampleId :
MW-07

Tgt Ion: 95 Resp: 457598

Ion	Ratio	Lower	Upper
95	100		
174	91.5	0.0	178.2
176	87.0	0.0	173.4

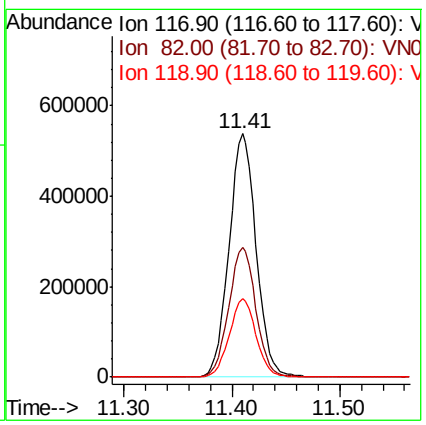


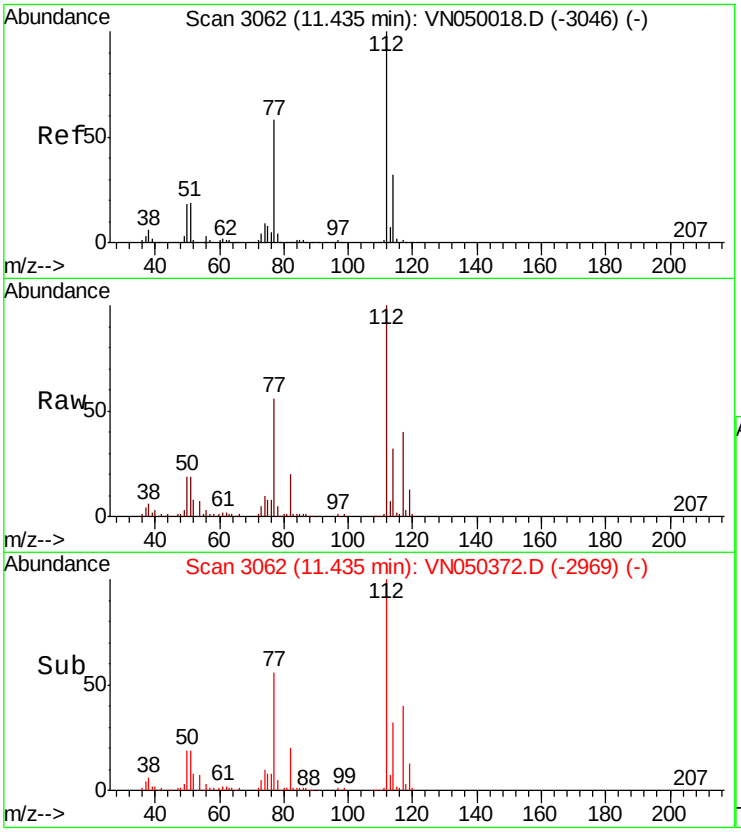


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050372.D
Acq: 4 Aug 2018 17:26

Tgt Ion:117 Resp: 942966

Ion	Ratio	Lower	Upper
117	100		
82	53.5	43.7	65.5
119	32.0	26.1	39.1



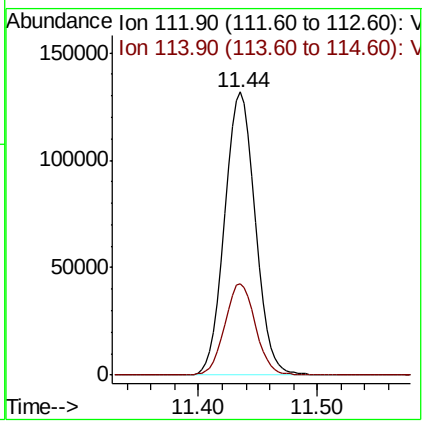


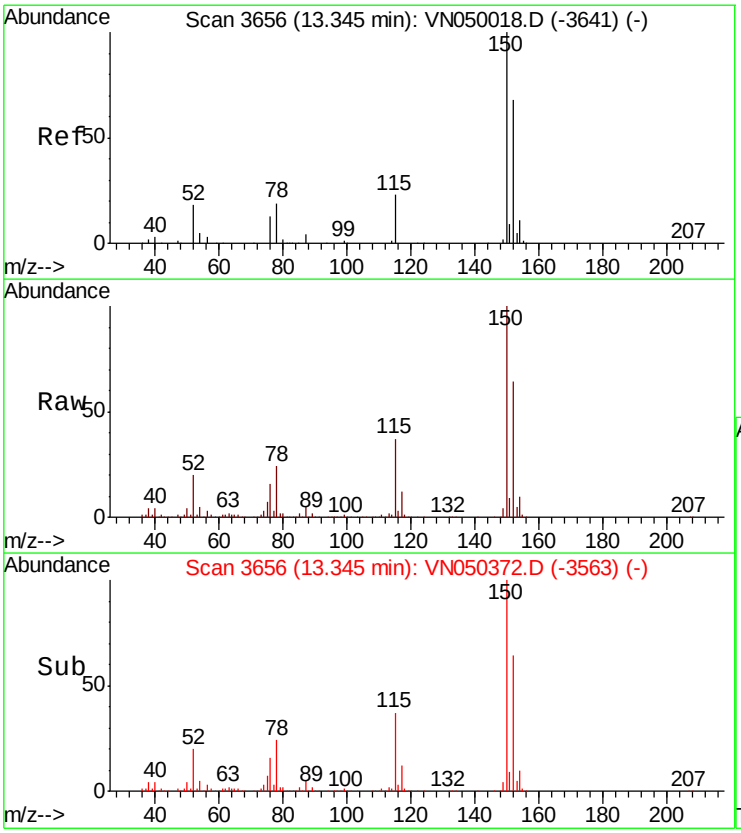
#65
Chlorobenzene
Concen: 9.86 ug/l
RT: 11.44 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN050372.D
Acq: 4 Aug 2018 17:26

Instrument :
MSVOA_N
ClientSampleId :
MW-07

Tgt Ion:112 Resp: 234879

Ion	Ratio	Lower	Upper
112	100		
114	32.4	25.6	38.4





#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. 0.00 min
Lab File: VN050372.D
Acq: 4 Aug 2018 17:26

Tgt Ion:152 Resp: 411687

Ion	Ratio	Lower	Upper
152	100		
115	56.8	27.8	83.3
150	157.7	0.0	348.6