Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN070618\
Data File : VN049750.D
Acq On : 6 Jul 2018 20:05
Operator : MD\SY
Sample : J3869-01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : TW-3

Quant Time: Jul 09 09:16:13 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062918W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 30 00:55:30 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1521263	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2520030	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	2108924	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	781230	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	1055353	52.53	ug/l	0.00
Spiked Amount 50.000			Recovery = 105.06%			
35) Dibromofluoromethane	7.59	113	904541	48.01	ug/l	0.00
Spiked Amount 50.000			Recovery = 96.02%			
50) Toluene-d8	10.09	98	3387521	45.94	ug/l	0.00
Spiked Amount 50.000			Recovery = 91.88%			
62) 4-Bromofluorobenzene	12.40	95	988629	39.27	ug/l	0.00
Spiked Amount 50.000			Recovery = 78.54%			
Target Compounds						Qvalue
19) Methyl tert-butyl Ether	5.05	73	16630	0.361	ug/l	97
30) Chloroform	7.37	83	1176563	32.994	ug/l	99
47) Bromodichloromethane	9.40	83	75557	2.623	ug/l	97

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

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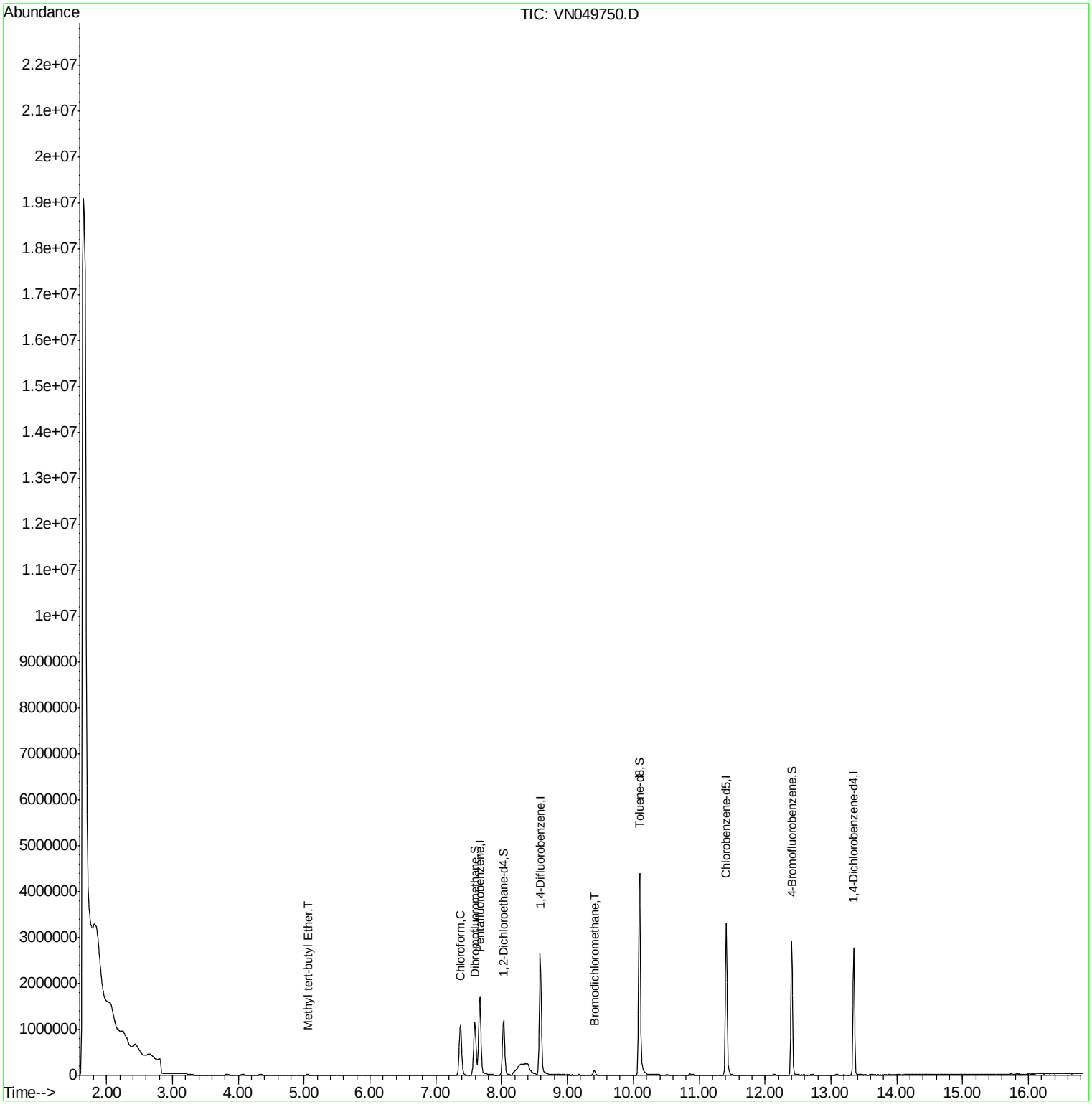
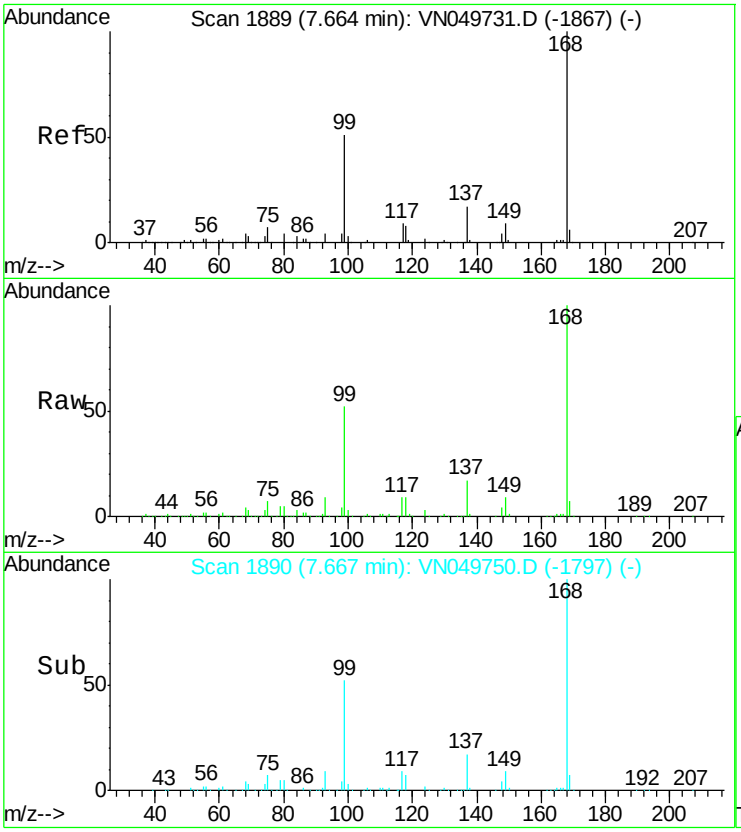


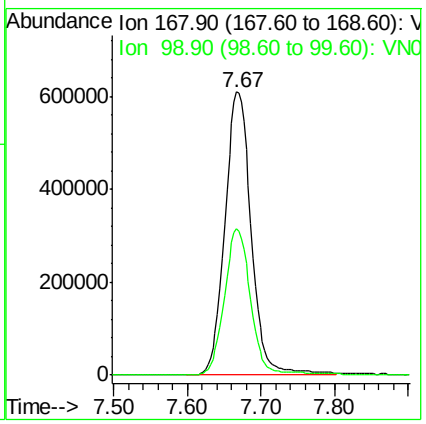


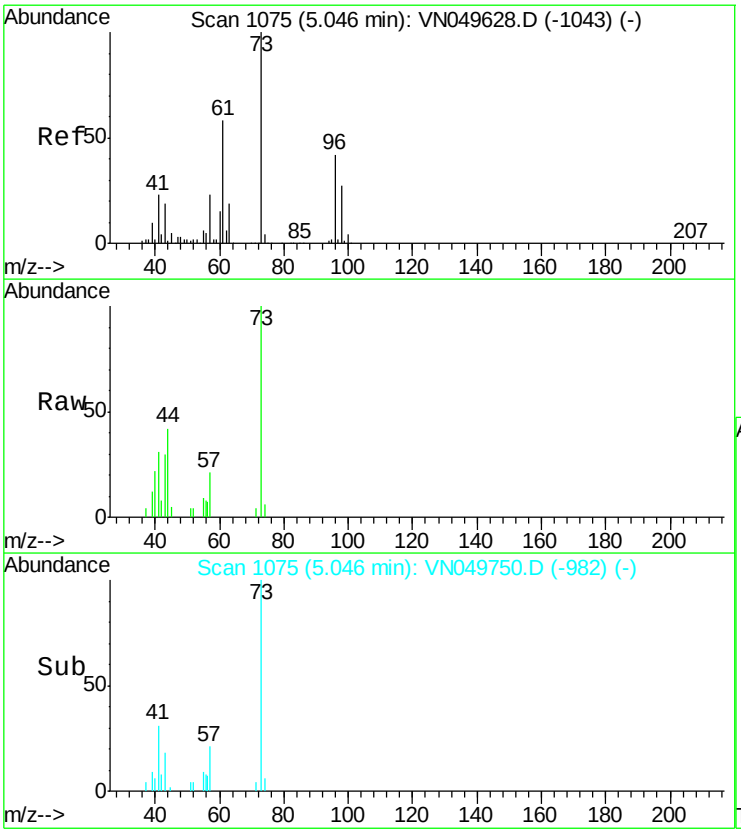
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.67 min Scan# 1890
Delta R.T. -0.00 min
Lab File: VN049750.D
Acq: 6 Jul 2018 20:05

Instrument :
MSVOA_N
ClientSampleId :
TW-3

Tgt Ion:168 Resp: 1521263

Ion	Ratio	Lower	Upper
168	100		
99	51.7	40.6	61.0

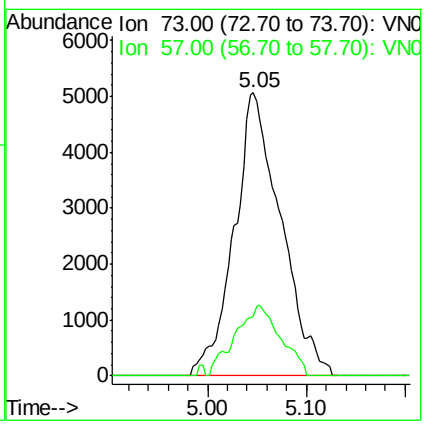


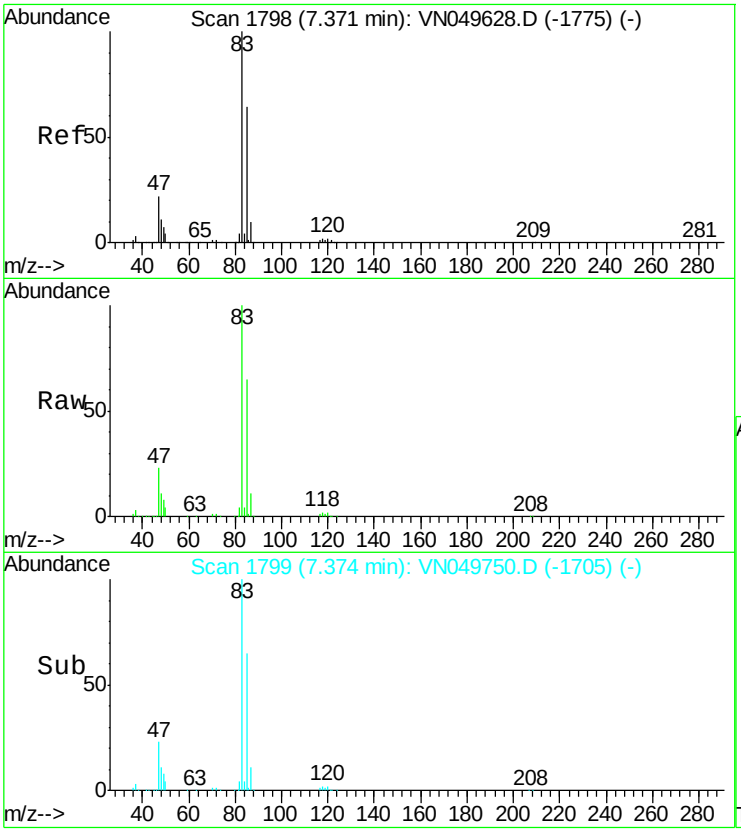


#19
Methyl tert-butyl Ether
Concen: 0.361 ug/l
RT: 5.05 min Scan# 1075
Delta R.T. -0.00 min
Lab File: VN049750.D
Acq: 6 Jul 2018 20:05

Tgt Ion: 73 Resp: 16630

Ion	Ratio	Lower	Upper
73	100		
57	21.1	18.1	27.1



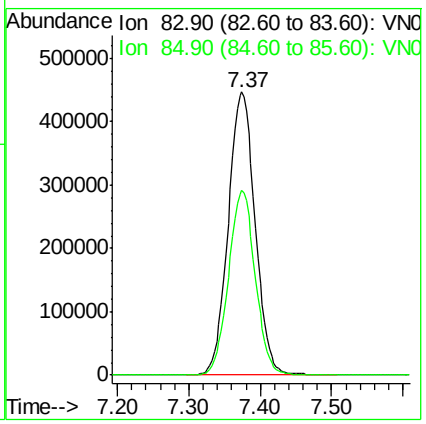


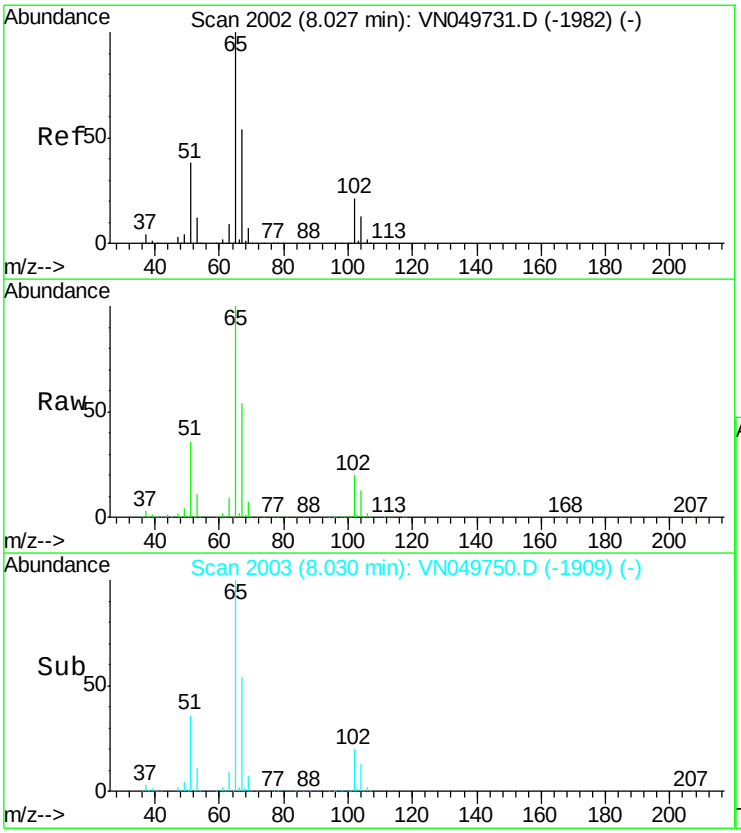
#30
Chloroform
Concen: 32.994 ug/l
RT: 7.37 min Scan# 1799
Delta R.T. 0.00 min
Lab File: VN049750.D
Acq: 6 Jul 2018 20:05

Instrument :
MSVOA_N
ClientSampleId :
TW-3

Tgt Ion: 83 Resp: 1176563

Ion	Ratio	Lower	Upper
83	100		
85	65.3	51.4	77.2

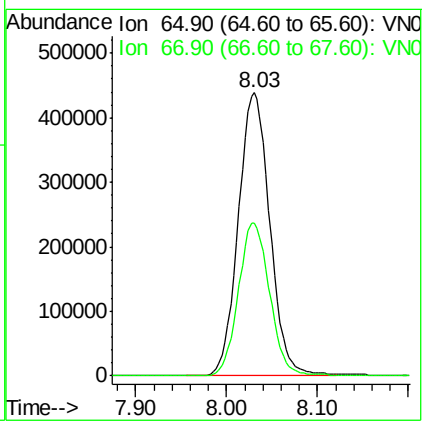


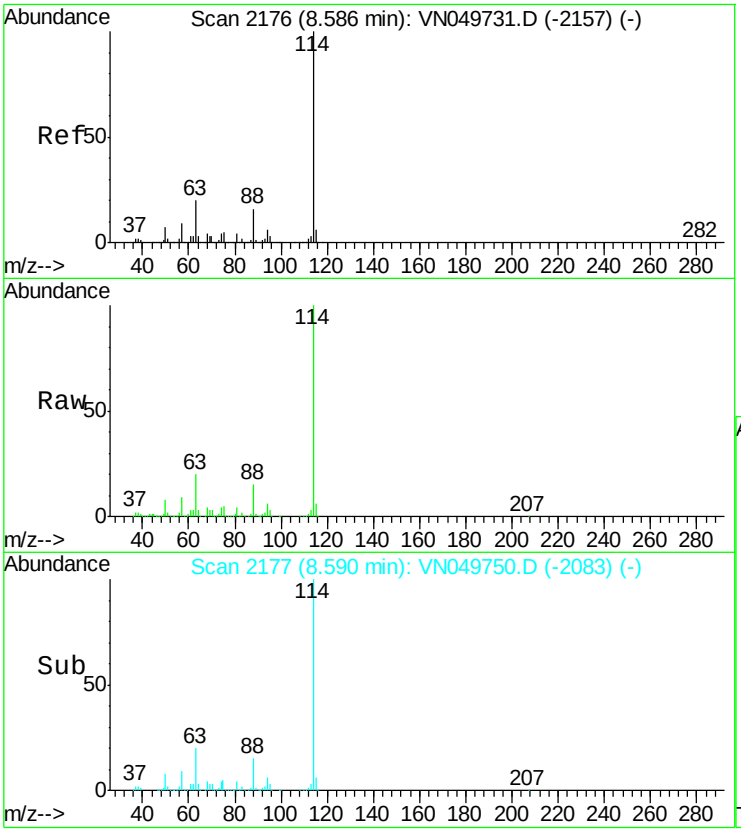


#33
1,2-Dichloroethane-d4
Concen: 52.532 ug/l
RT: 8.03 min Scan# 2003
Delta R.T. 0.00 min
Lab File: VN049750.D
Acq: 6 Jul 2018 20:05

Tgt Ion: 65 Resp: 1055353

Ion	Ratio	Lower	Upper
65	100		
67	53.7	0.0	107.2



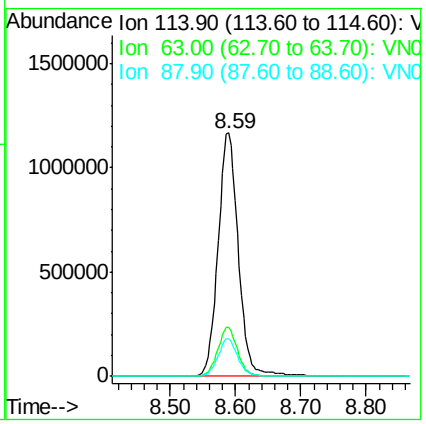


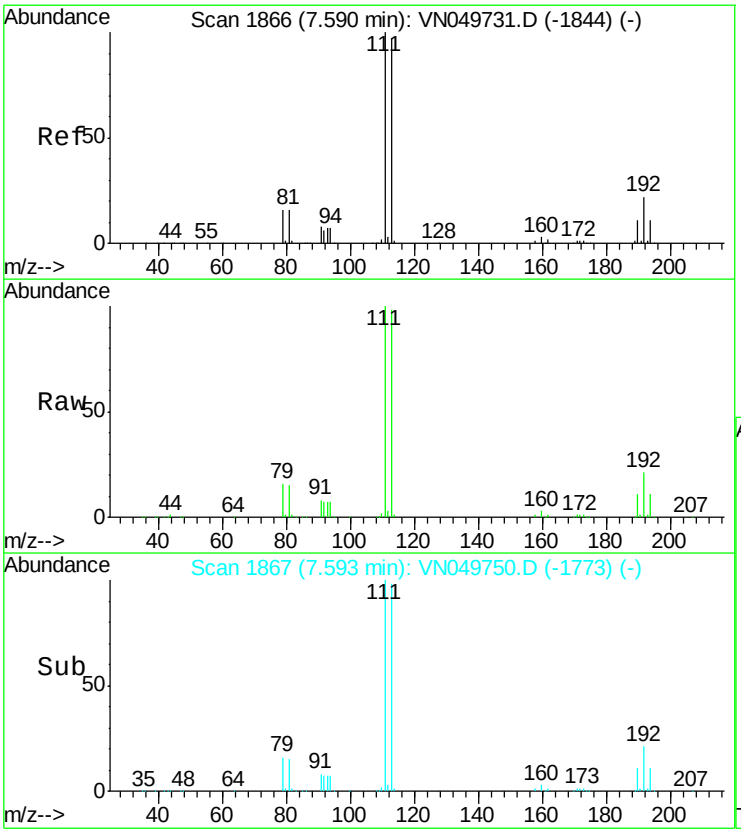
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2177
Delta R.T. 0.00 min
Lab File: VN049750.D
Acq: 6 Jul 2018 20:05

Instrument :
MSVOA_N
ClientSampleId :
TW-3

Tgt Ion:114 Resp: 2520030

Ion	Ratio	Lower	Upper
114	100		
63	20.1	0.0	39.8
88	15.4	0.0	30.6

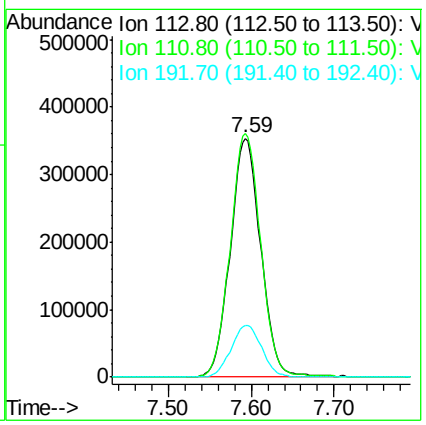


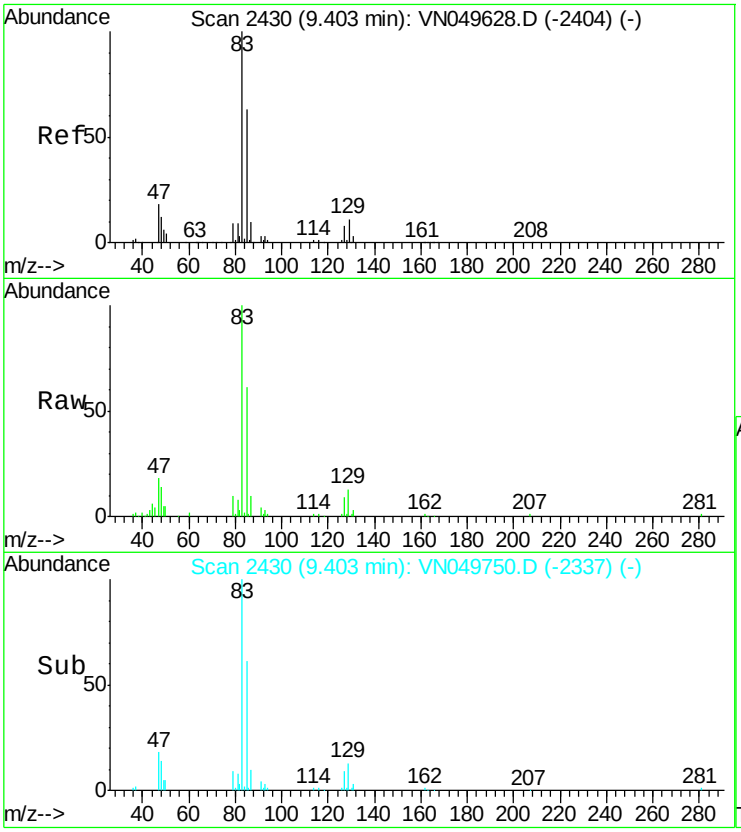


#35
Dibromofluoromethane
Concen: 48.012 ug/l
RT: 7.59 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VN049750.D
Acq: 6 Jul 2018 20:05

Tgt Ion:113 Resp: 904541

Ion	Ratio	Lower	Upper
113	100		
111	101.8	81.8	122.8
192	22.0	17.8	26.6



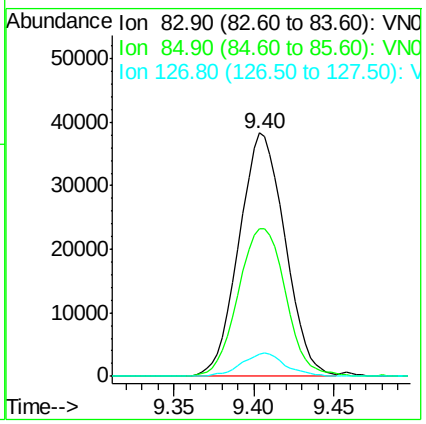


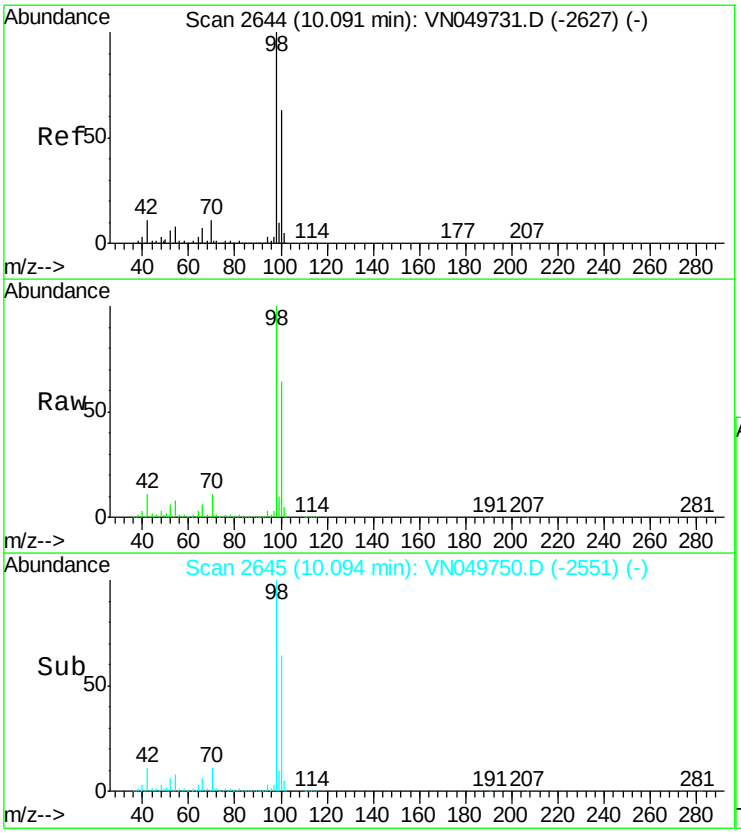
#47
Bromodichloromethane
Concen: 2.623 ug/l
RT: 9.40 min Scan# 2430
Delta R.T. -0.00 min
Lab File: VN049750.D
Acq: 6 Jul 2018 20:05

Instrument : MSVOA_N
ClientSampleId : TW-3

Tgt Ion: 83 Resp: 75557

Ion	Ratio	Lower	Upper
83	100		
85	60.8	50.5	75.7
127	8.9	6.8	10.2

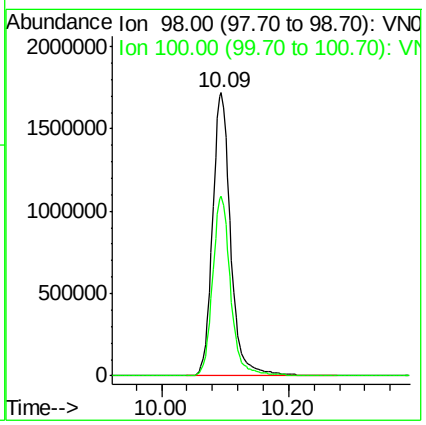


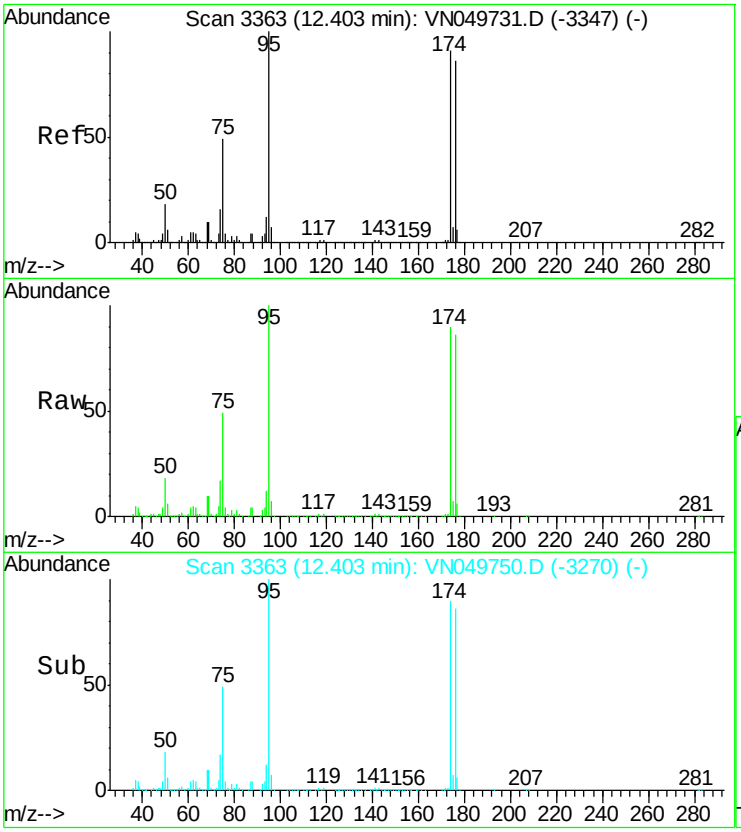


#50
Toluene-d8
Concen: 45.937 ug/l
RT: 10.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VN049750.D
Acq: 6 Jul 2018 20:05

Tgt Ion: 98 Resp: 3387521

Ion	Ratio	Lower	Upper
98	100		
100	63.3	51.7	77.5



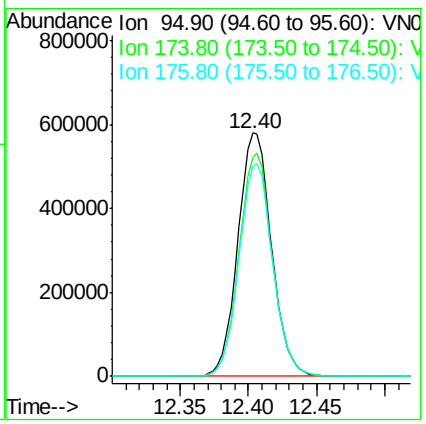


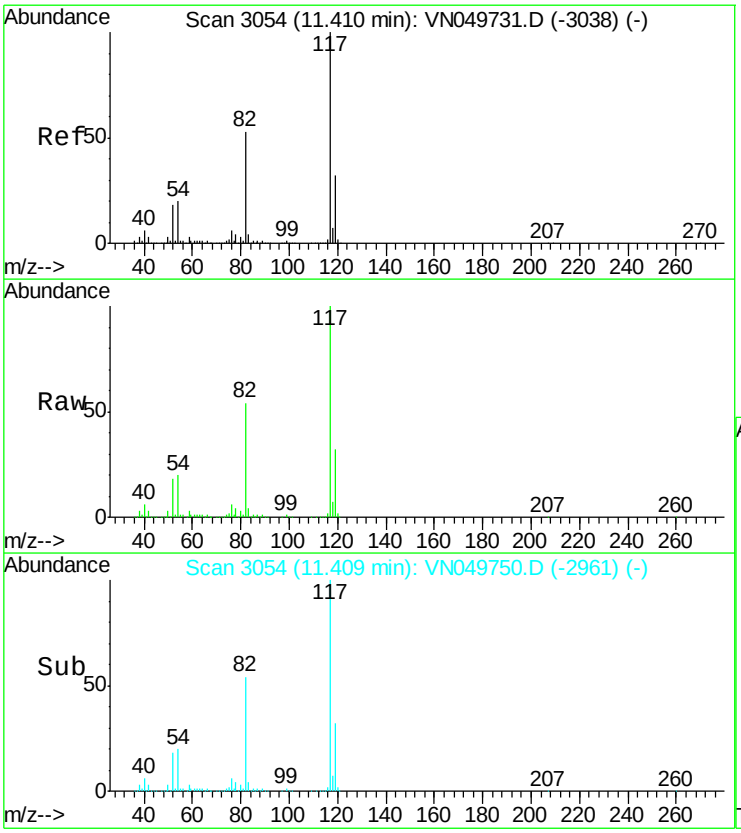
#62
4-Bromofluorobenzene
Concen: 39.267 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. -0.00 min
Lab File: VN049750.D
Acq: 6 Jul 2018 20:05

Instrument :
MSVOA_N
ClientSampleId :
TW-3

Tgt Ion: 95 Resp: 988629

Ion	Ratio	Lower	Upper
95	100		
174	90.8	0.0	179.6
176	87.7	0.0	174.0

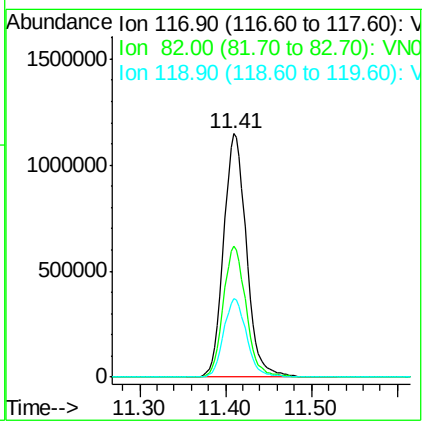


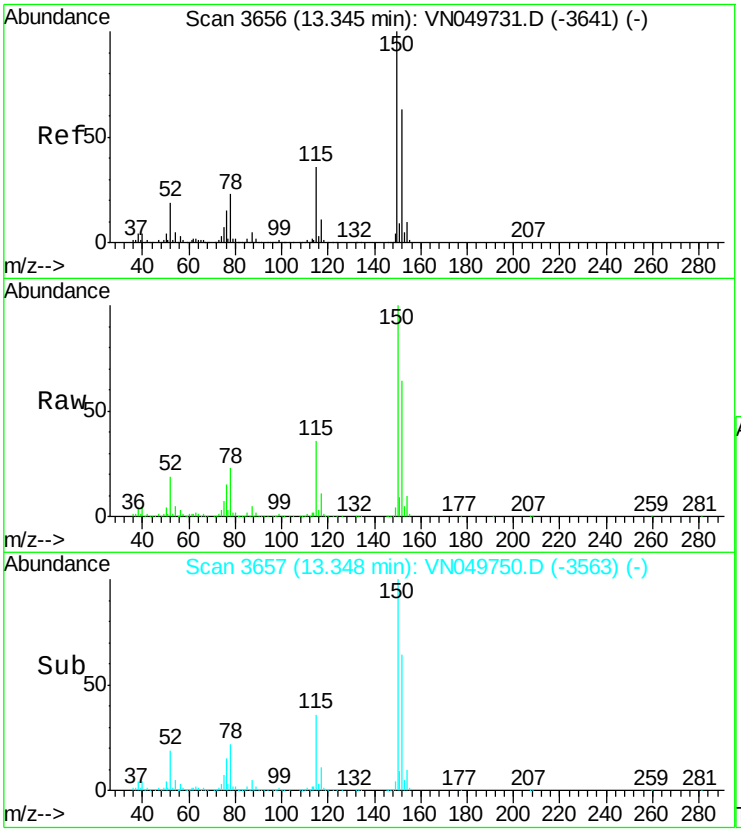


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN049750.D
Acq: 6 Jul 2018 20:05

Tgt Ion:117 Resp: 2108924

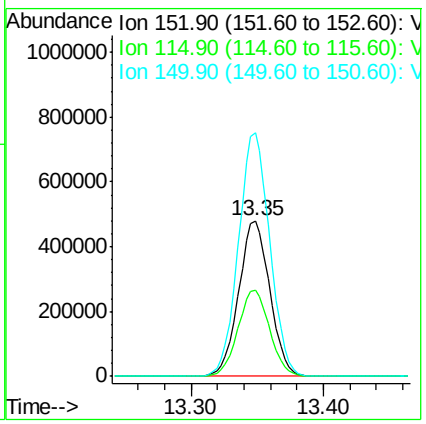
Ion	Ratio	Lower	Upper
117	100		
82	53.8	41.9	62.9
119	32.0	25.4	38.2





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3657
Delta R.T. 0.00 min
Lab File: VN049750.D
Acq: 6 Jul 2018 20:05

Instrument :
MSVOA_N
ClientSampleId :
TW-3

Tgt Ion:152 Resp: 781230

Ion	Ratio	Lower	Upper
152	100		
115	56.1	28.1	84.2
150	157.5	0.0	347.6