Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN011019\
Data File : VN053338.D
Acq On : 10 Jan 2019 13:41
Operator : MD\SY
Sample : K1103-01 5X
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 28

Instrument : MSVOA_N
ClientSampleId : EFF-WW

Quant Time: Jan 11 06:17:20 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N122818W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Dec 28 10:33:50 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.20	128	154353	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.59	114	875416	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	776753	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.03	65	294832	30.07	ug/l	0.00
Spiked Amount 30.000	Range 50 - 169		Recovery = 100.23%			
60) 4-Bromofluorobenzene	12.40	95	341743	28.75	ug/l	0.00
Spiked Amount 30.000	Range 56 - 143		Recovery = 95.83%			
63) Toluene-d8	10.09	98	1034172	29.55	ug/l	0.00
Spiked Amount 30.000	Range 66 - 137		Recovery = 98.50%			
Target Compounds						Qvalue
14) Acrylonitrile	4.99	53	19501	6.218	ug/l #	88
15) Acetone	3.82	58	75929	113.924	ug/l	91
25) Chloroform	7.37	83	986268	58.160	ug/l	100
41) Bromodichloromethane	9.40	83	10444	0.826	ug/l	96
59) 2-Hexanone	10.75	43	5218	1.021	ug/l	99
91) Naphthalene	15.14	128	11407	0.611	ug/l	98

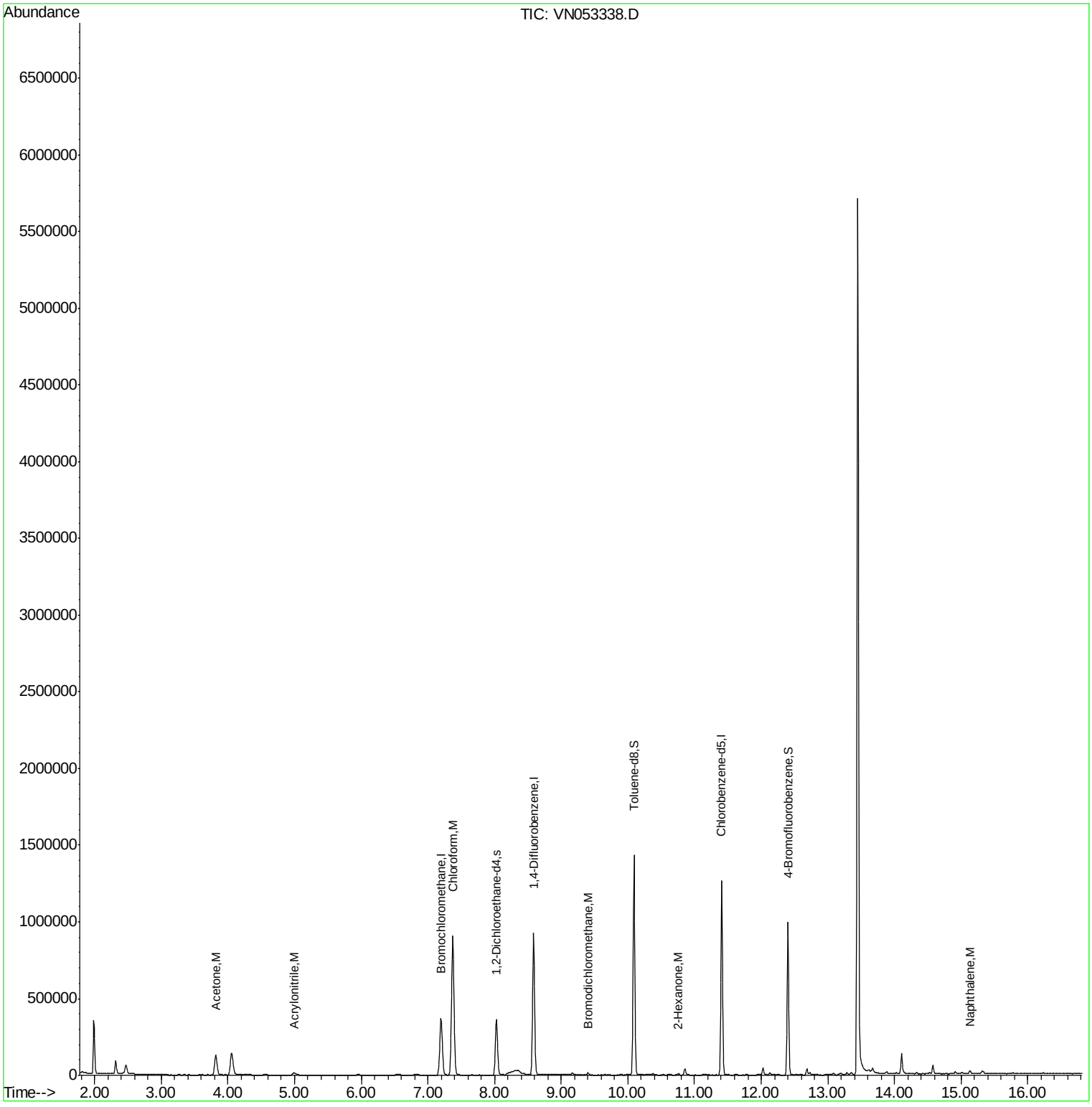
(#) = qualifier out of range (m) = manual integration (+) = signals summed

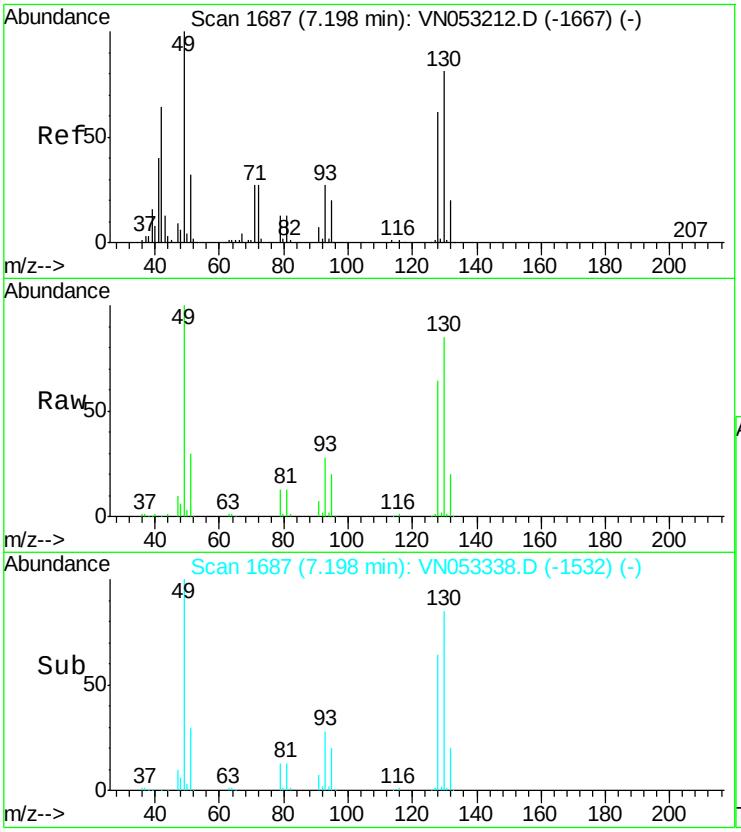
Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN011019\
Data File : VN053338.D
Acq On : 10 Jan 2019 13:41
Operator : MD\SY
Sample : K1103-01 5X
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 28

Instrument :
MSVOA_N
ClientSampleId :
EFF-WW

Quant Time: Jan 11 06:17:20 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N122818W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Dec 28 10:33:50 2018
Response via : Initial Calibration



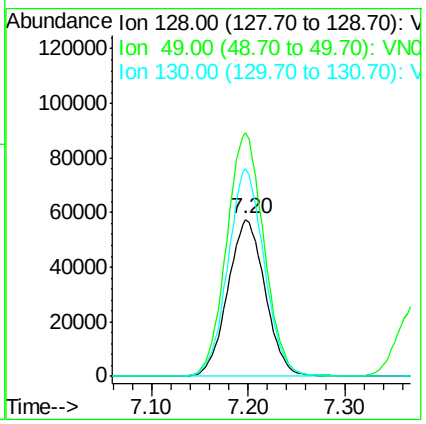


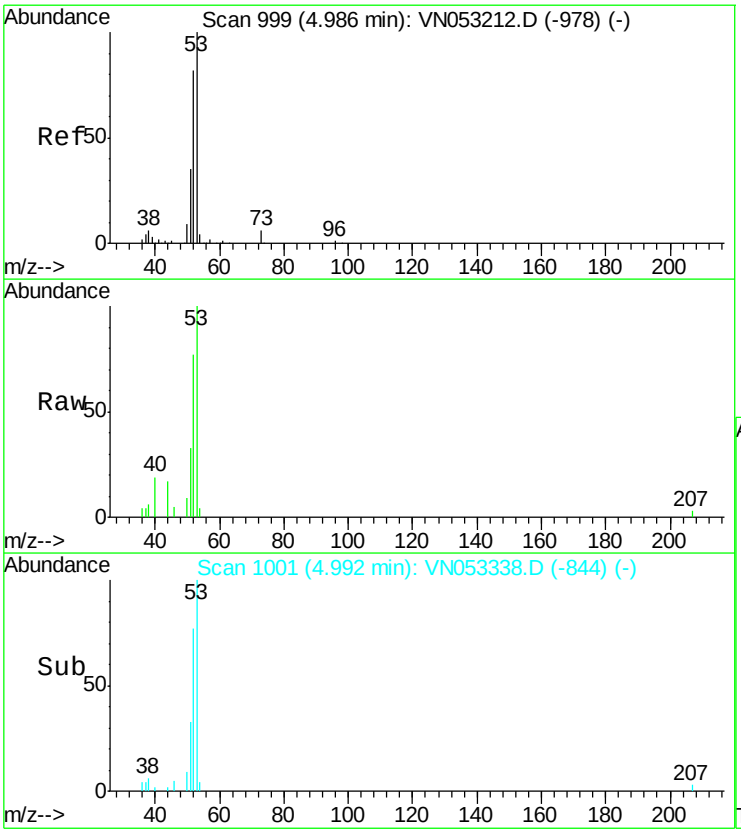
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.20 min Scan# 1687
Delta R.T. -0.00 min
Lab File: VN053338.D
Acq: 10 Jan 2019 13:41

Instrument :
MSVOA_N
ClientSampleId :
EFF-WW

Tgt Ion:128 Resp: 154353

Ion	Ratio	Lower	Upper
128	100		
49	154.5	0.0	431.8
130	128.9	0.0	317.0

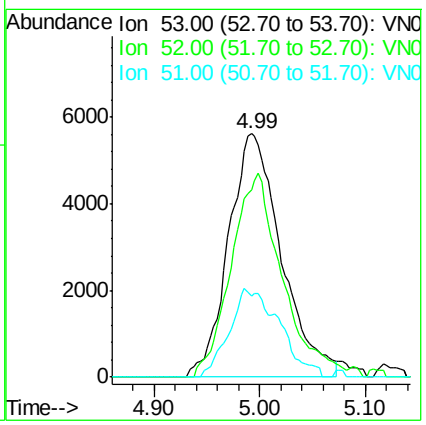


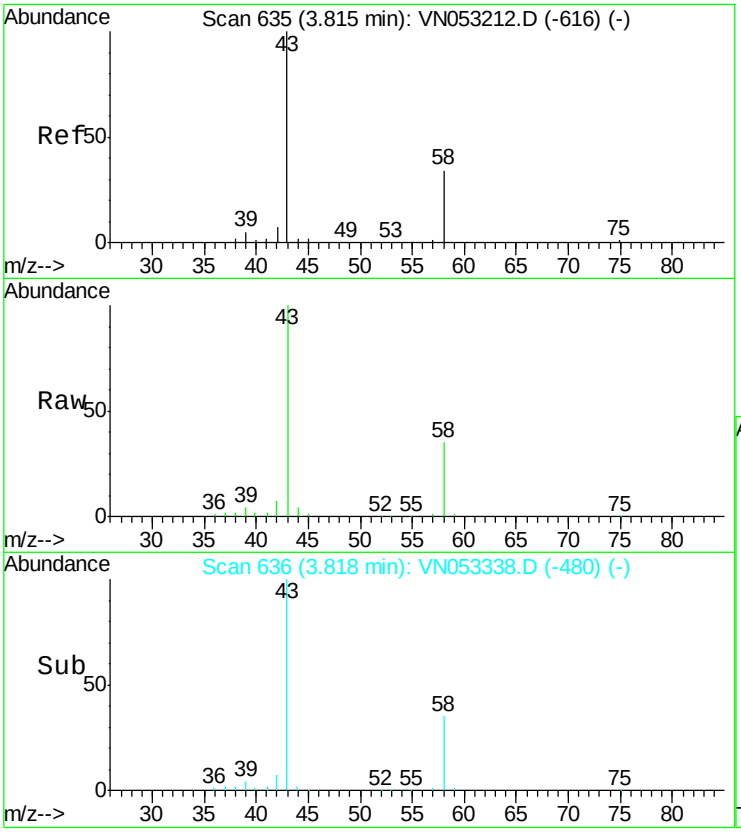


#14
Acrylonitrile
Concen: 6.218 ug/l
RT: 4.99 min Scan# 1001
Delta R.T. 0.01 min
Lab File: VN053338.D
Acq: 10 Jan 2019 13:41

Tgt Ion: 53 Resp: 19501

Ion	Ratio	Lower	Upper
53	100		
52	77.3	39.9	119.7
51	15.5	17.6	52.9#



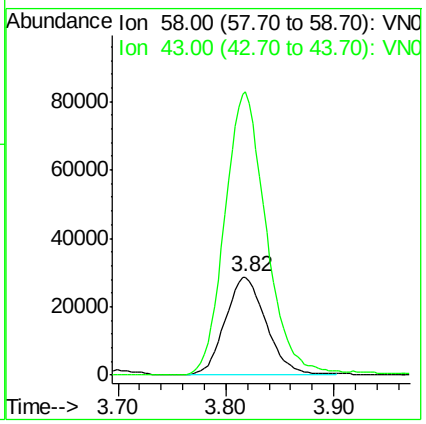


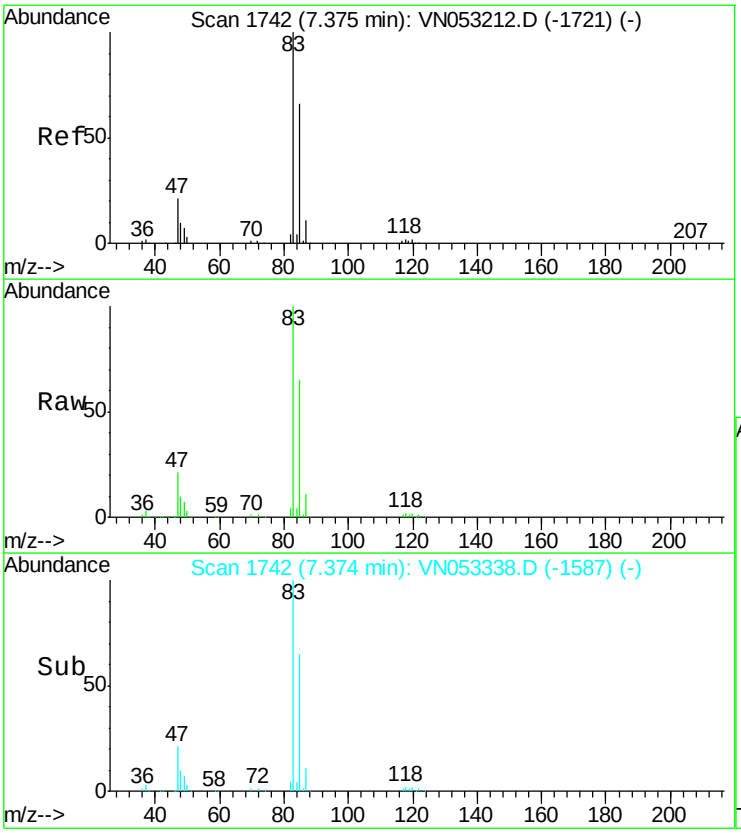
#15
Acetone
Concen: 113.924 ug/l
RT: 3.82 min Scan# 636
Delta R.T. 0.00 min
Lab File: VN053338.D
Acq: 10 Jan 2019 13:41

Instrument :
MSVOA_N
ClientSampleId :
EFF-WW

Tgt Ion: 58 Resp: 75929

Ion	Ratio	Lower	Upper
58	100		
43	287.1	243.6	365.4

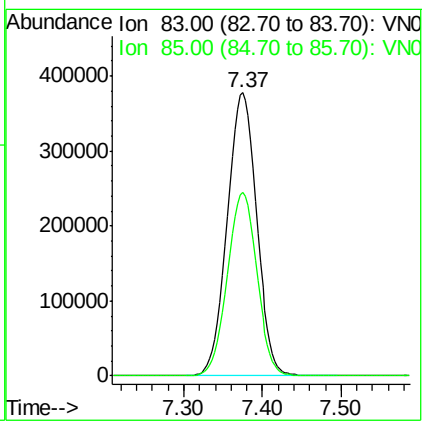


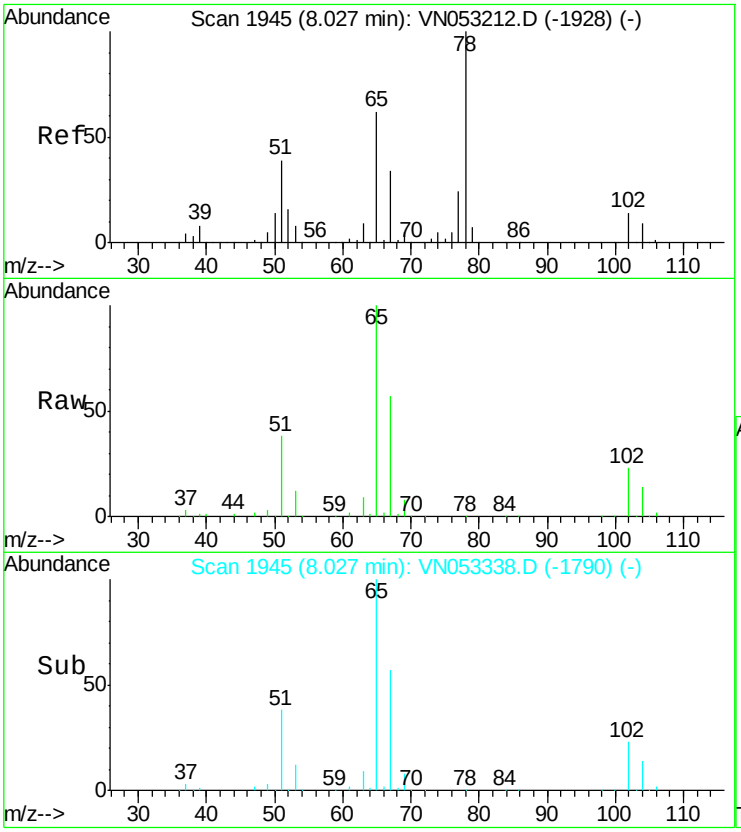


#25
Chloroform
Concen: 58.160 ug/l
RT: 7.37 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VN053338.D
Acq: 10 Jan 2019 13:41

Tgt Ion: 83 Resp: 986268

Ion	Ratio	Lower	Upper
83	100		
85	64.7	51.7	77.5



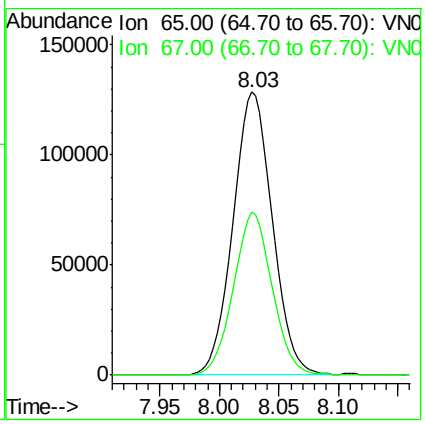


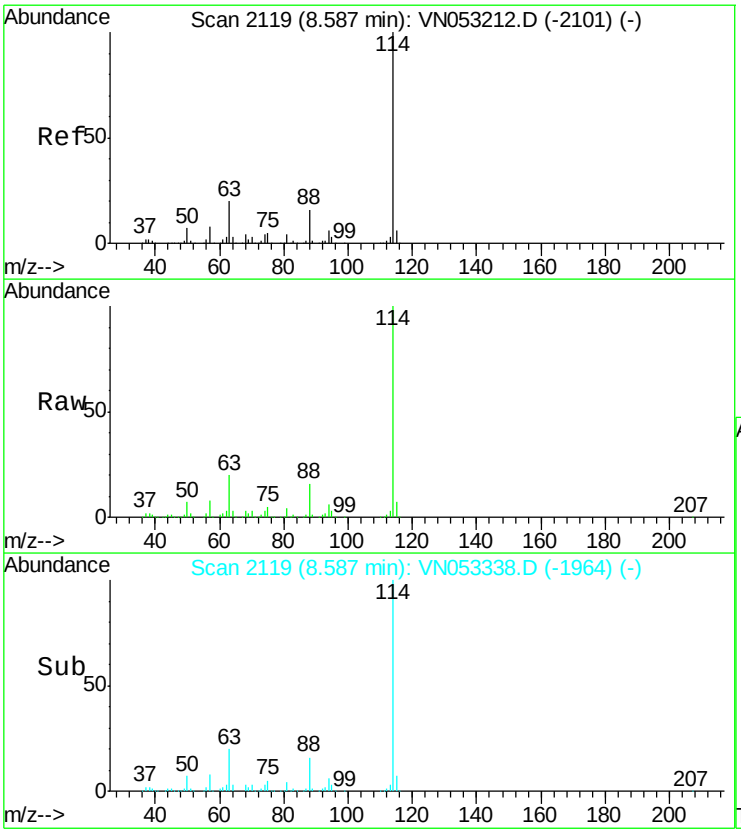
#27
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 8.03 min Scan# 1945
Delta R.T. -0.00 min
Lab File: VN053338.D
Acq: 10 Jan 2019 13:41

Instrument : MSVOA_N
ClientSampleId : EFF-WW

Tgt Ion: 65 Resp: 294832

Ion	Ratio	Lower	Upper
65	100		
67	56.5	44.6	66.8

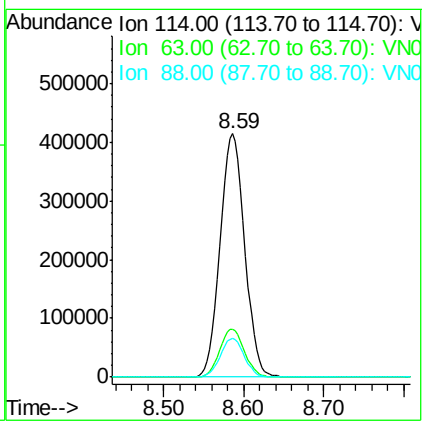


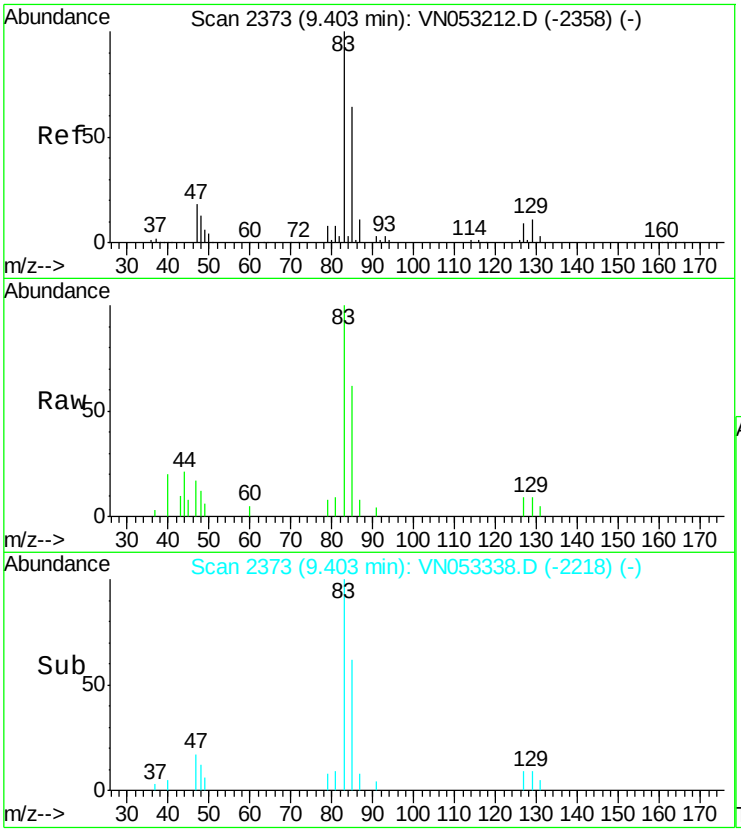


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. -0.00 min
Lab File: VN053338.D
Acq: 10 Jan 2019 13:41

Tgt Ion:114 Resp: 875416

Ion	Ratio	Lower	Upper
114	100		
63	19.7	16.9	25.3
88	15.5	12.8	19.2



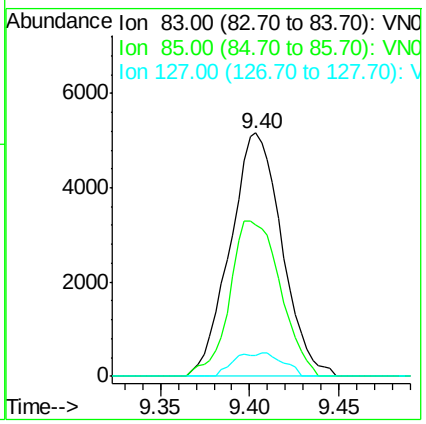


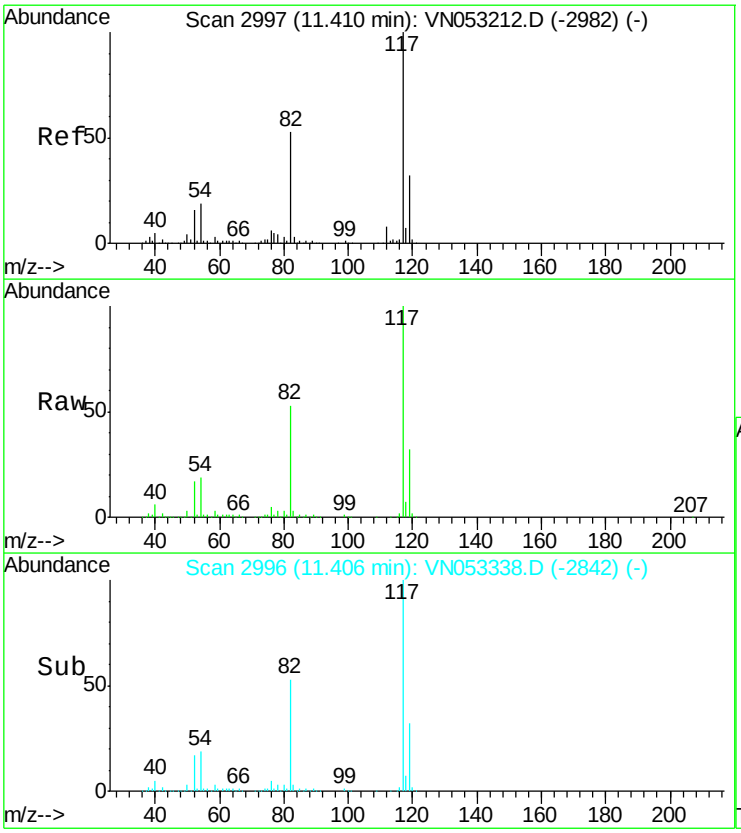
#41
Bromodichloromethane
Concen: 0.826 ug/l
RT: 9.40 min Scan# 2373
Delta R.T. -0.00 min
Lab File: VN053338.D
Acq: 10 Jan 2019 13:41

Instrument :
MSVOA_N
ClientSampleId :
EFF-WW

Tgt Ion: 83 Resp: 10444

Ion	Ratio	Lower	Upper
83	100		
85	62.1	52.4	78.6
127	8.7	6.6	9.8

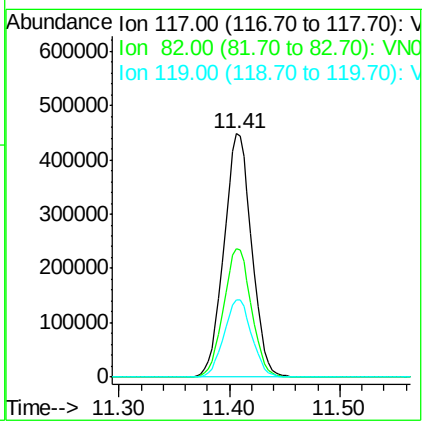


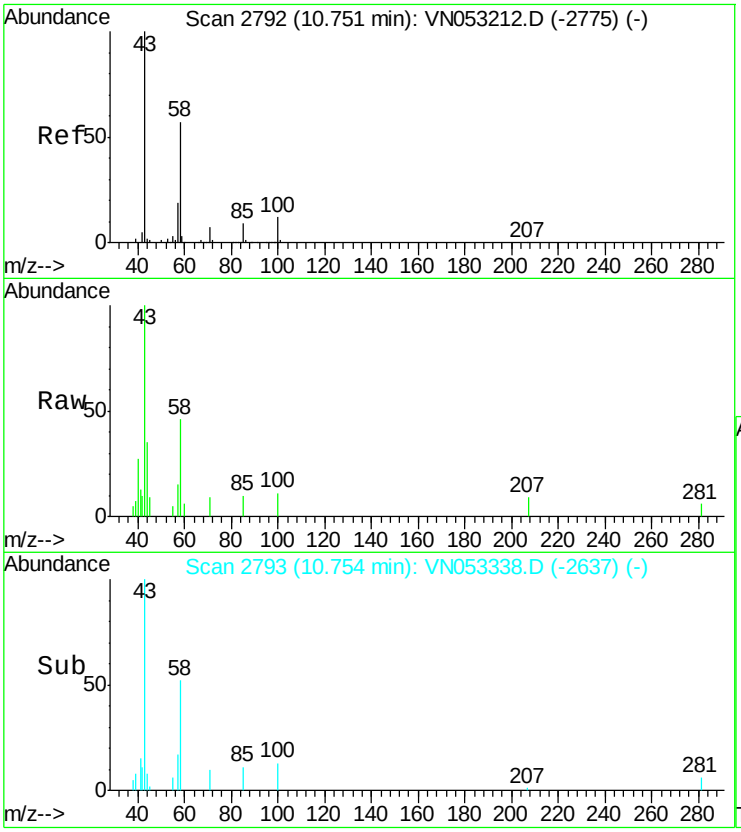


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN053338.D
Acq: 10 Jan 2019 13:41

Tgt Ion:117 Resp: 776753

Ion	Ratio	Lower	Upper
117	100		
82	53.1	44.2	66.2
119	31.9	25.4	38.2



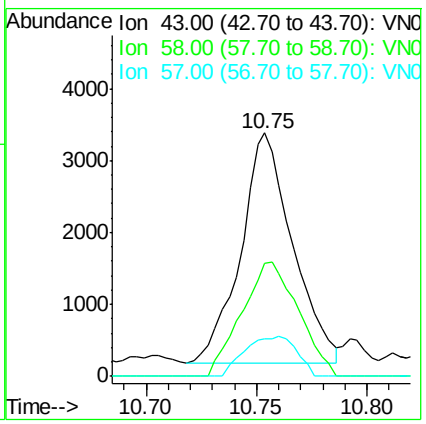


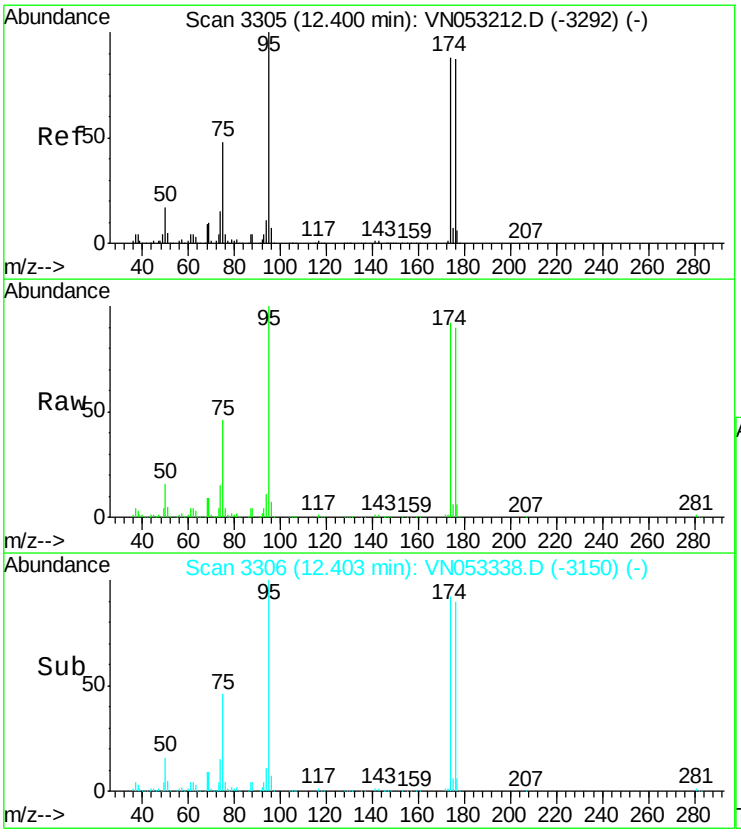
#59
2-Hexanone
Concen: 1.021 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VN053338.D
Acq: 10 Jan 2019 13:41

Instrument :
MSVOA_N
ClientSampleId :
EFF-WW

Tgt Ion: 43 Resp: 5218

Ion	Ratio	Lower	Upper
43	100		
58	54.0	43.2	64.8
57	17.2	14.9	22.3

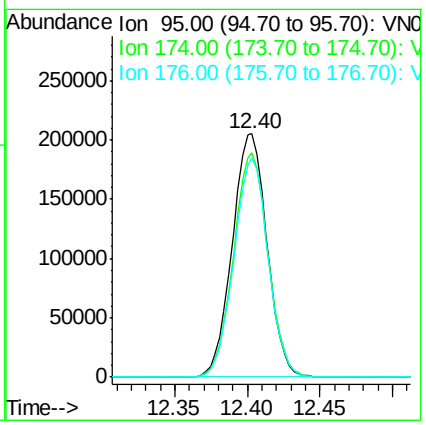


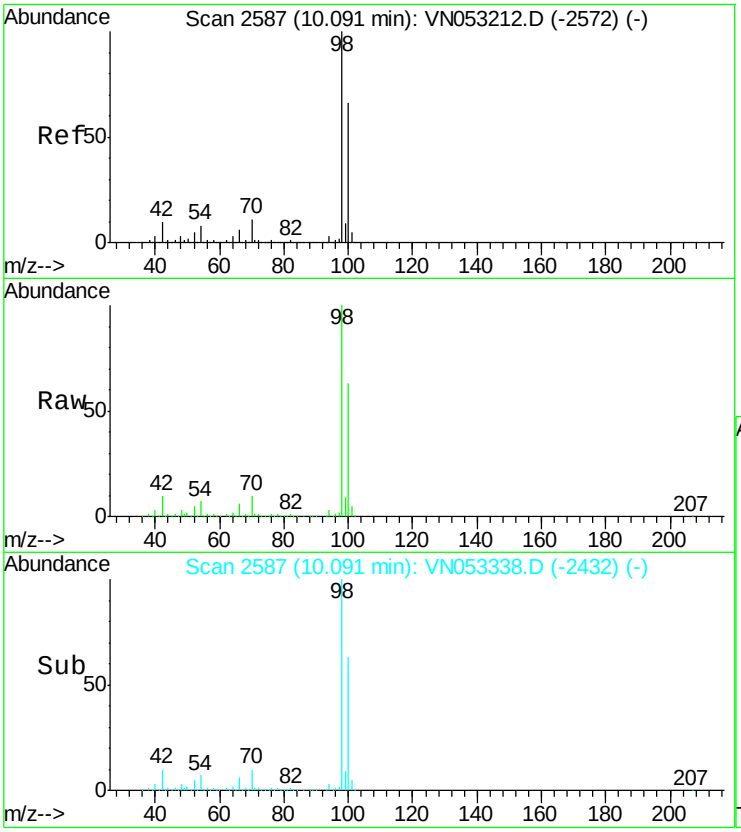


#60
4-Bromofluorobenzene
Concen: 1.021 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN053338.D
Acq: 10 Jan 2019 13:41

Tgt Ion: 95 Resp: 341743

Ion	Ratio	Lower	Upper
95	100		
174	91.4	67.9	101.9
176	88.4	66.4	99.6



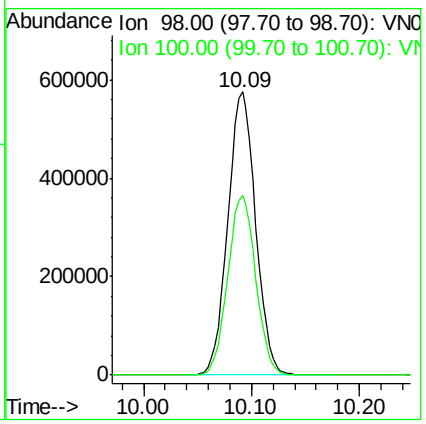


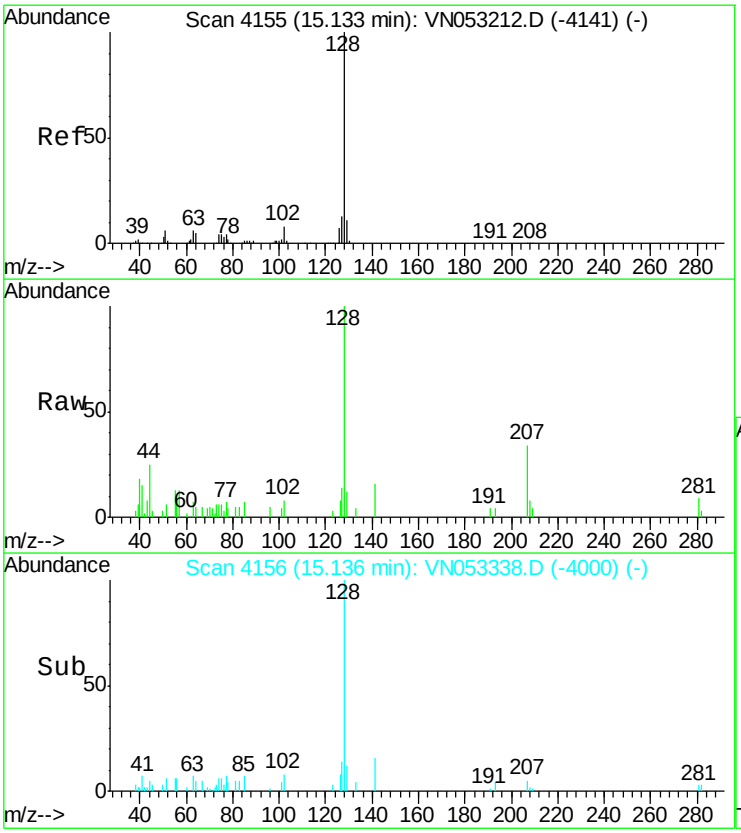
#63
Toluene-d8
Concen: Below ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN053338.D
Acq: 10 Jan 2019 13:41

Instrument :
MSVOA_N
ClientSampleId :
EFF-WW

Tgt Ion: 98 Resp: 1034172

Ion	Ratio	Lower	Upper
98	100		
100	64.0	51.1	76.7





#91
Naphthalene
Concen: 0.611 ug/l
RT: 15.14 min Scan# 4156
Delta R.T. 0.00 min
Lab File: VN053338.D
Acq: 10 Jan 2019 13:41

Tgt Ion:128 Resp: 11407

Ion	Ratio	Lower	Upper
128	100		
127	13.8	9.9	14.9
129	10.6	8.5	12.7