Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN100518\
Data File : VN051691.D
Acq On : 5 Oct 2018 16:59
Operator : MD\SY
Sample : J5231-01 5X
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 20 Sample Multiplier: 28

Instrument : MSVOA_N
ClientSampleId : EFF-WW

Quant Time: Oct 05 23:15:06 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N100518W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Oct 05 11:11:26 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.20	128	97471	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.59	114	546954	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	451138	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.03	65	198042	29.27	ug/l	0.00
Spiked Amount 30.000	Range 50 - 169		Recovery = 97.57%			
60) 4-Bromofluorobenzene	12.40	95	180786	26.26	ug/l	0.00
Spiked Amount 30.000	Range 56 - 143		Recovery = 87.53%			
63) Toluene-d8	10.09	98	632036	31.55	ug/l	0.00
Spiked Amount 30.000	Range 66 - 137		Recovery = 105.17%			
Target Compounds						Qvalue
15) Acetone	3.82	58	2130895	6082.268	ug/l	81
20) Diisopropyl ether	5.96	45	25615	1.719	ug/l #	77
25) Chloroform	7.38	83	33056	3.143	ug/l	90
58) 4-Methyl-2-Pentanone	9.99	43	16499	4.454	ug/l #	94
59) 2-Hexanone	10.75	43	65315	26.052	ug/l #	94

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

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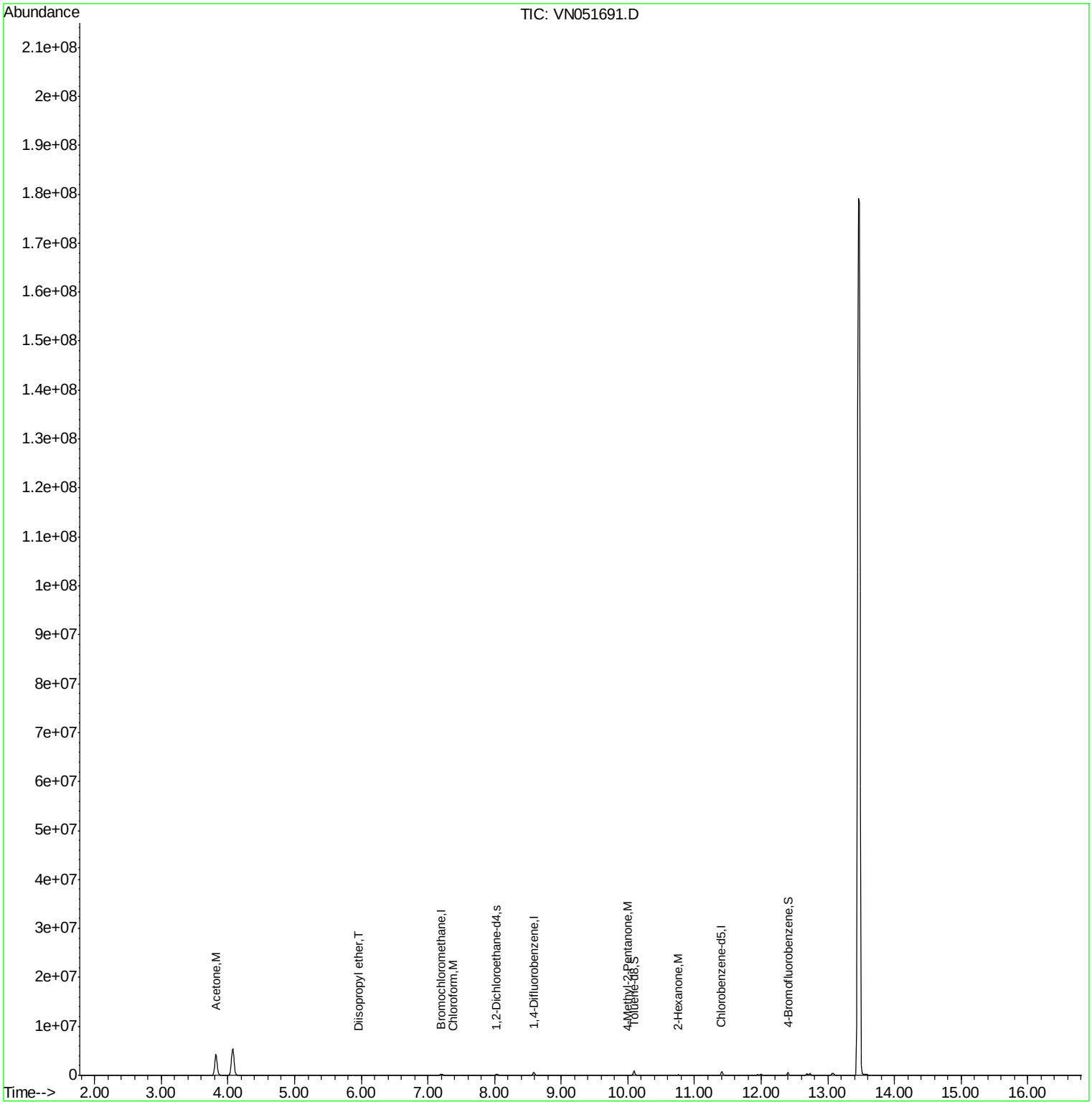
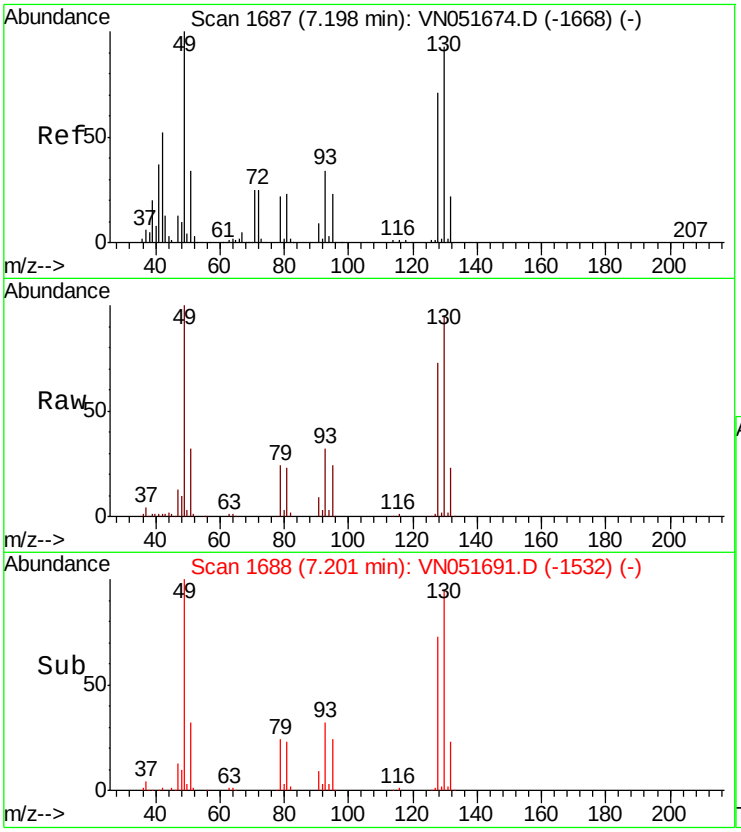


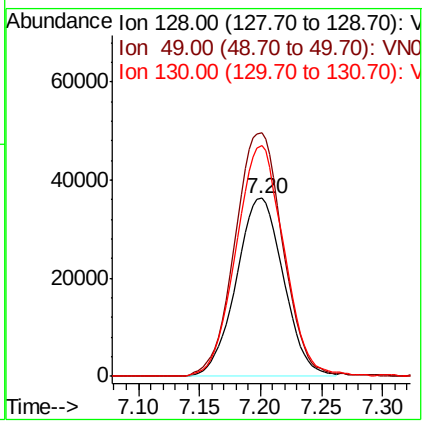


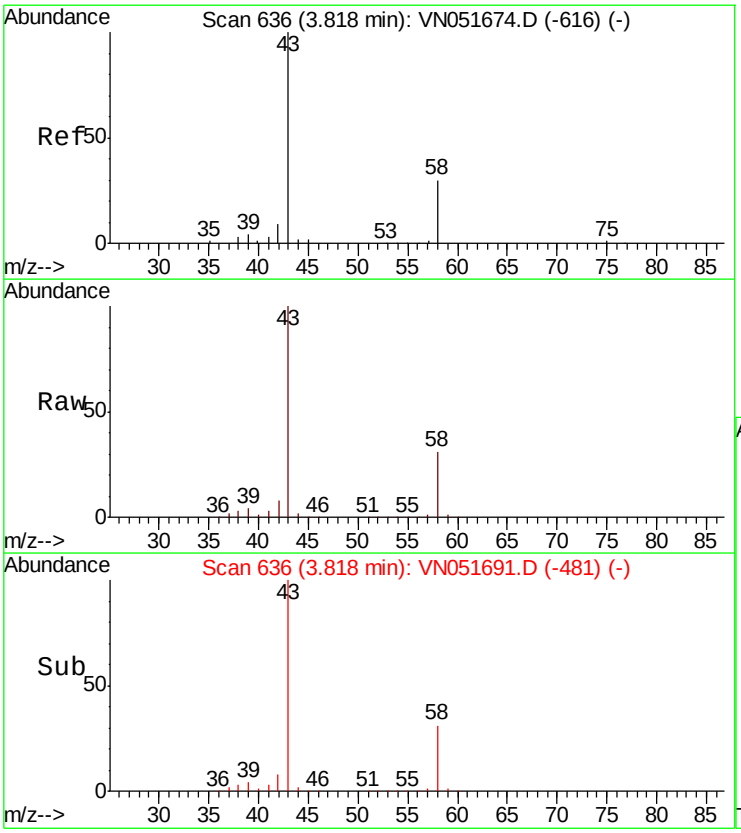
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.20 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VN051691.D
Acq: 5 Oct 2018 16:59

Instrument :
MSVOA_N
ClientSampleId :
EFF-WW

Tgt Ion:128 Resp: 97471

Ion	Ratio	Lower	Upper
128	100		
49	139.1	0.0	403.3
130	131.7	0.0	326.0

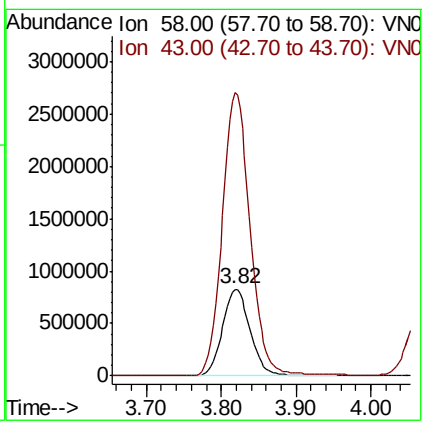


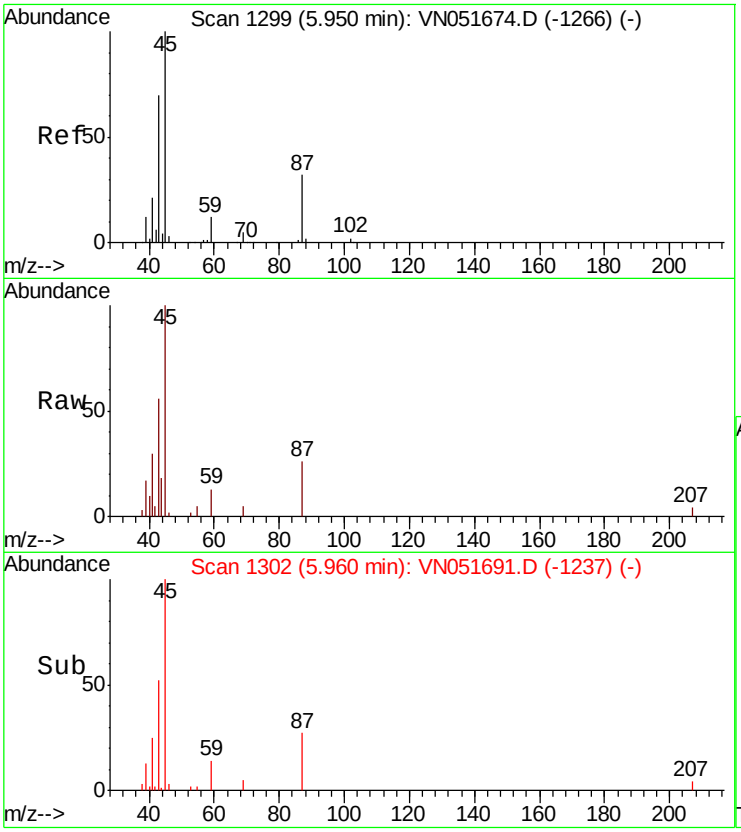


#15
Acetone
Concen: 6082.268 ug/l
RT: 3.82 min Scan# 636
Delta R.T. -0.00 min
Lab File: VN051691.D
Acq: 5 Oct 2018 16:59

Tgt Ion: 58 Resp: 2130895

Ion	Ratio	Lower	Upper
58	100		
43	325.9	232.2	348.2



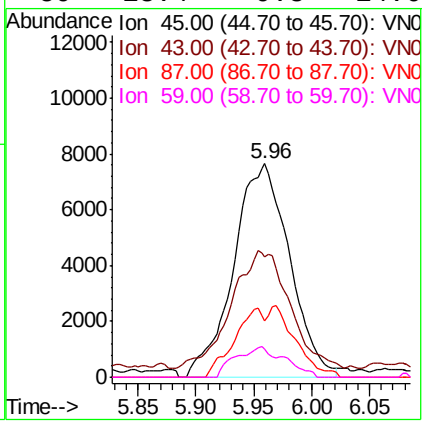


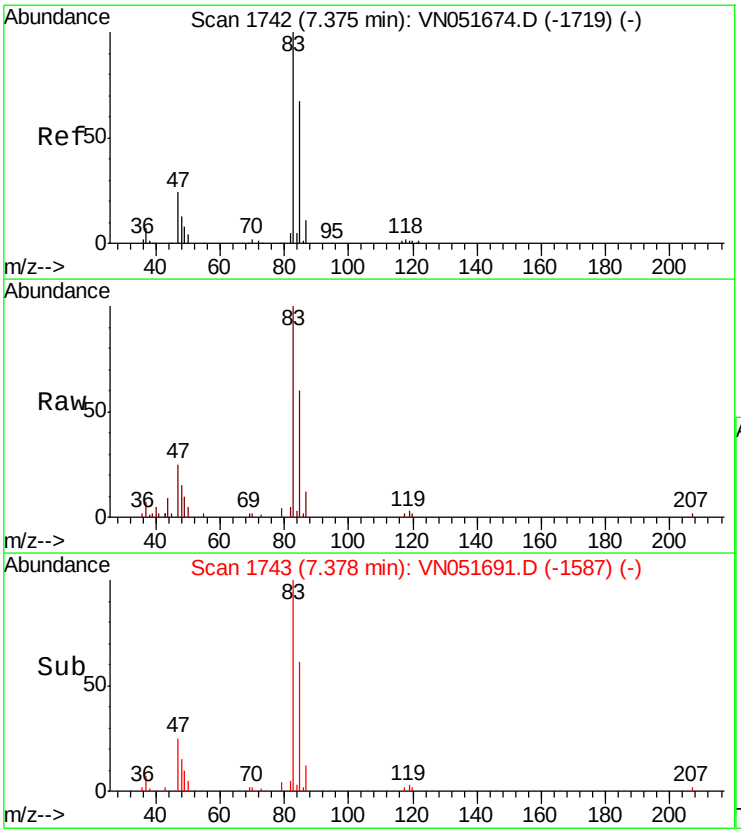
#20
Diisopropyl ether
Concen: 1.719 ug/l
RT: 5.96 min Scan# 1302
Delta R.T. 0.01 min
Lab File: VN051691.D
Acq: 5 Oct 2018 16:59

Instrument :
MSVOA_N
ClientSampleId :
EFF-WW

Tgt Ion: 45 Resp: 25615

Ion	Ratio	Lower	Upper
45	100		
43	49.6	62.1	93.1#
87	26.3	19.9	29.9
59	13.4	9.8	14.6

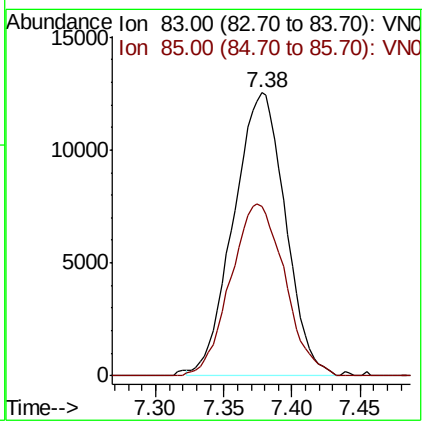


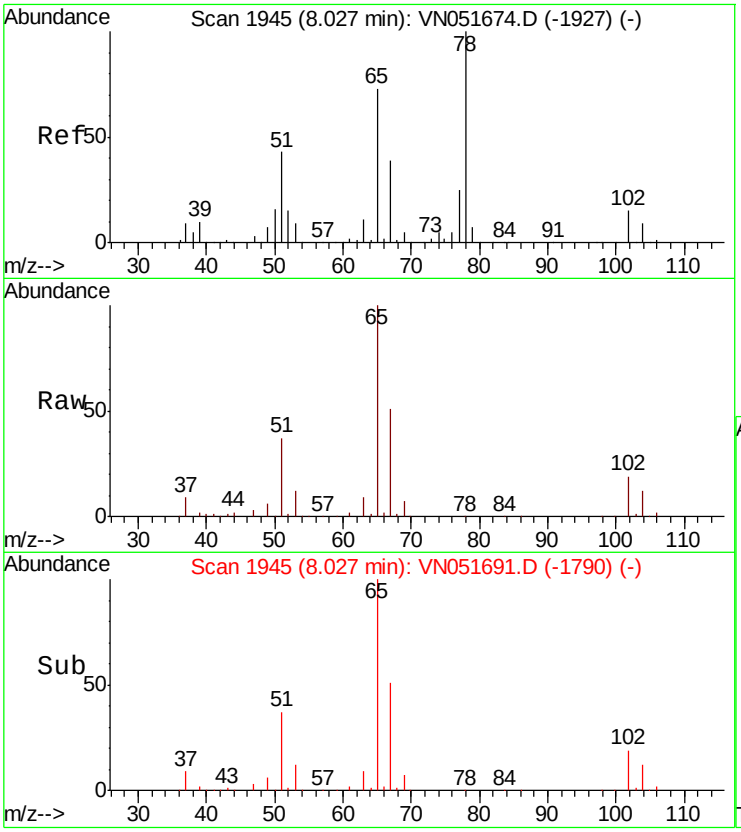


#25
Chloroform
Concen: 3.143 ug/l
RT: 7.38 min Scan# 1743
Delta R.T. 0.00 min
Lab File: VN051691.D
Acq: 5 Oct 2018 16:59

Tgt Ion: 83 Resp: 33056

Ion	Ratio	Lower	Upper
83	100		
85	59.9	54.6	82.0



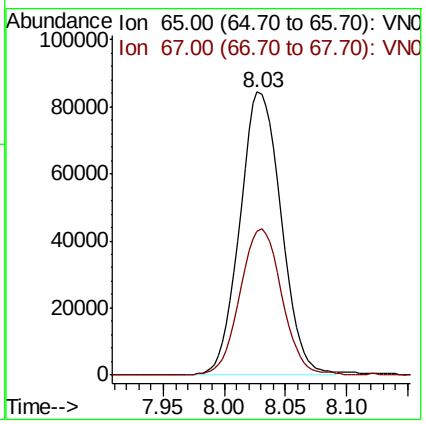


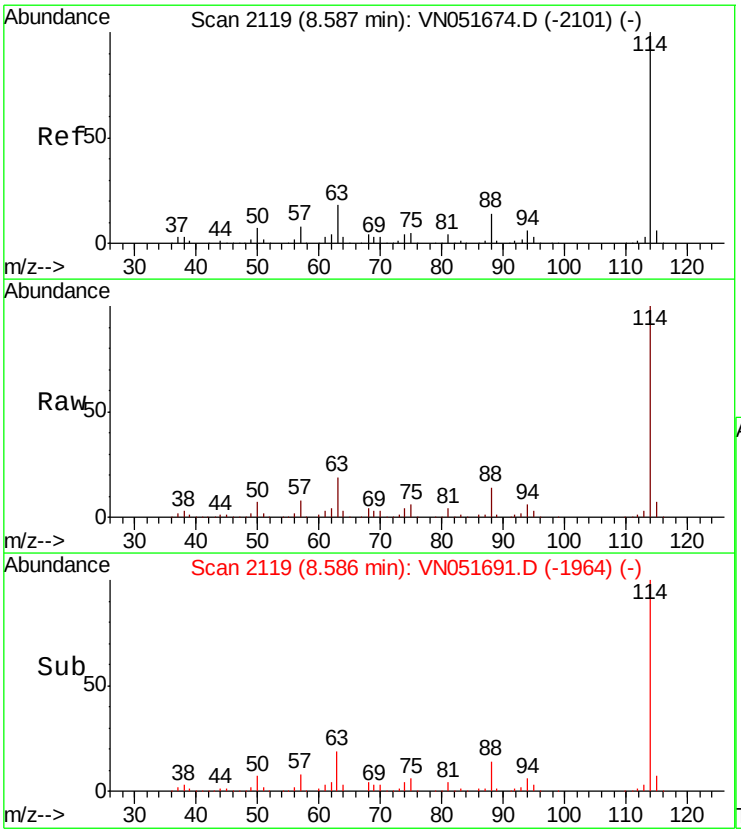
#27
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 8.03 min Scan# 1945
Delta R.T. -0.00 min
Lab File: VN051691.D
Acq: 5 Oct 2018 16:59

Instrument :
MSVOA_N
ClientSampleId :
EFF-WW

Tgt Ion: 65 Resp: 198042

Ion	Ratio	Lower	Upper
65	100		
67	52.0	41.8	62.8

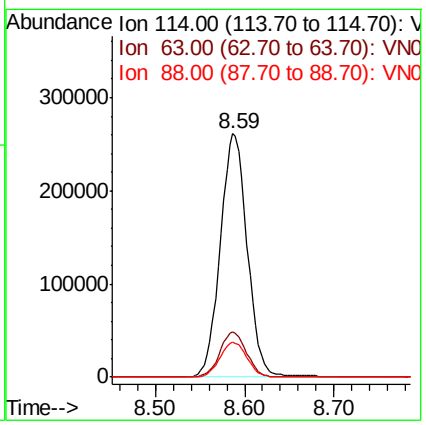


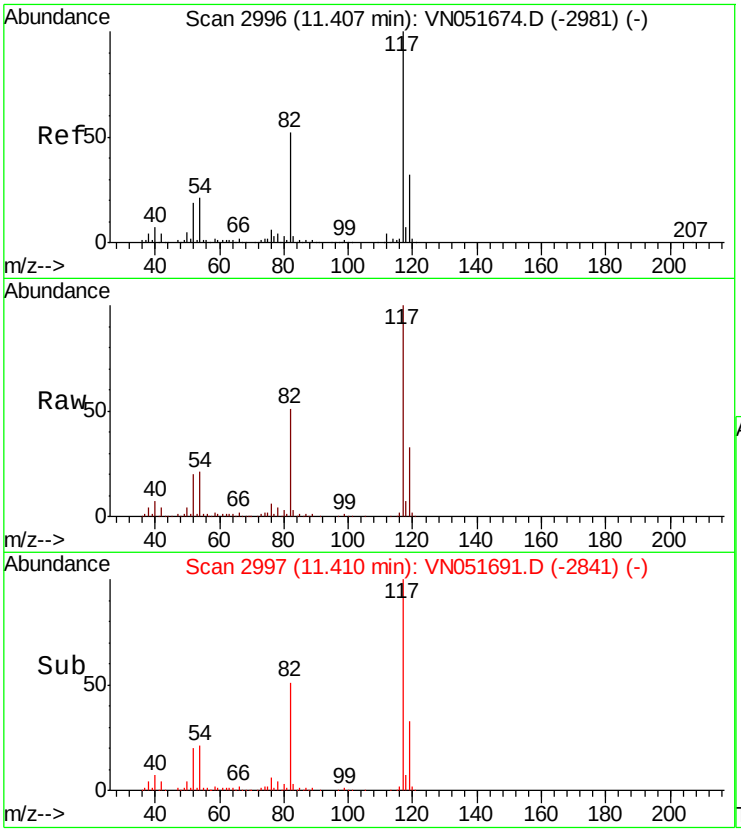


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. -0.00 min
Lab File: VN051691.D
Acq: 5 Oct 2018 16:59

Tgt Ion:114 Resp: 546954

Ion	Ratio	Lower	Upper
114	100		
63	18.6	16.2	24.2
88	14.3	12.2	18.4



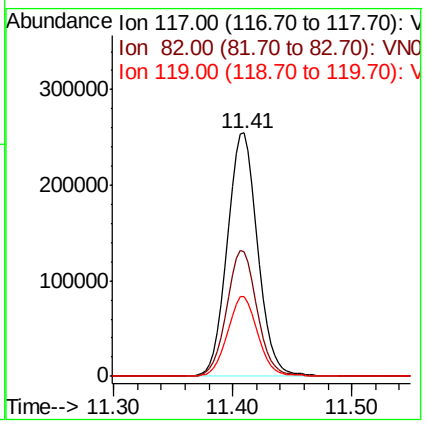


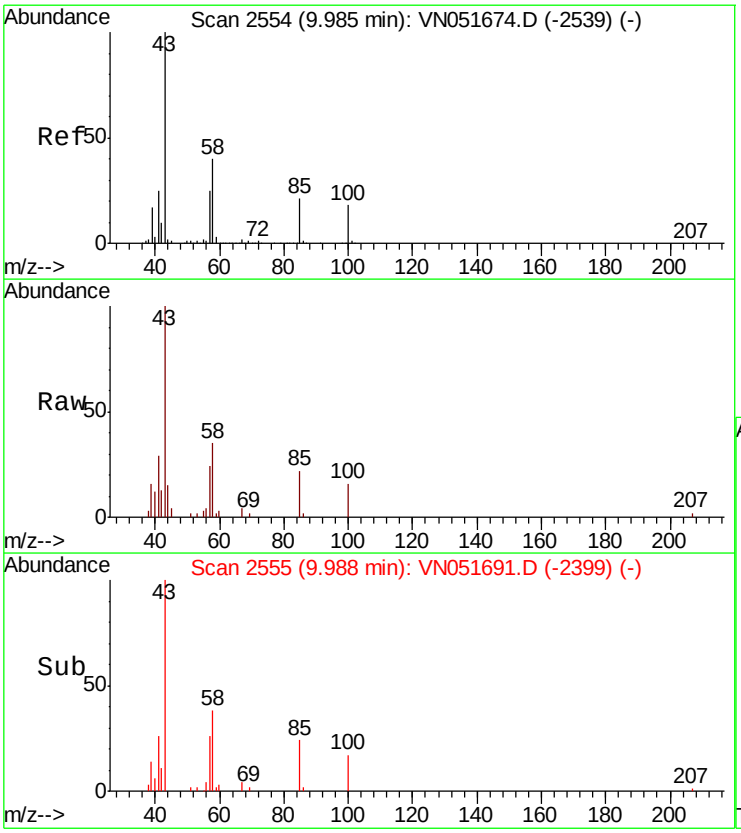
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN051691.D
Acq: 5 Oct 2018 16:59

Instrument : MSVOA_N
ClientSampleId : EFF-WW

Tgt Ion:117 Resp: 451138

Ion	Ratio	Lower	Upper
117	100		
82	51.7	44.1	66.1
119	32.8	25.8	38.8

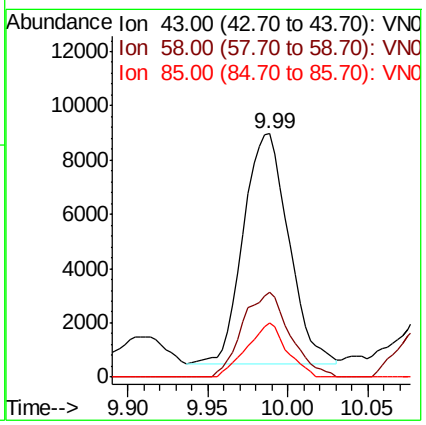


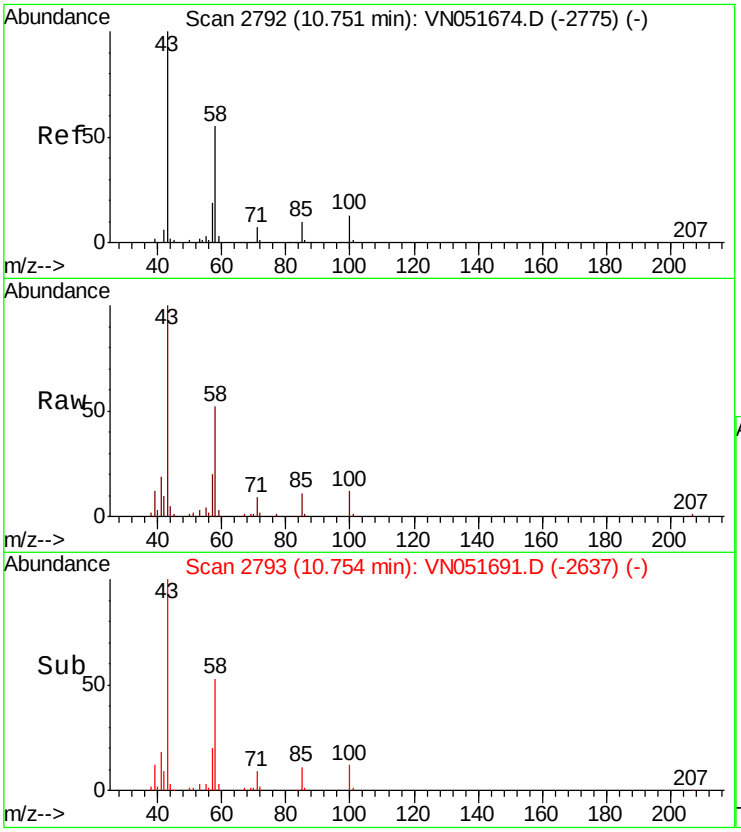


#58
4-Methyl-2-Pentanone
Concen: 4.454 ug/l
RT: 9.99 min Scan# 2555
Delta R.T. 0.00 min
Lab File: VN051691.D
Acq: 5 Oct 2018 16:59

Tgt Ion: 43 Resp: 16499

Ion	Ratio	Lower	Upper
43	100		
58	38.4	29.3	43.9
85	20.7	12.6	18.8#



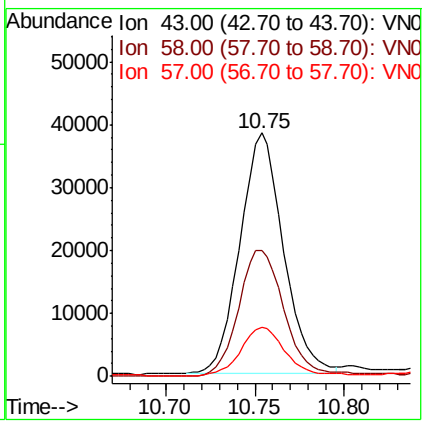


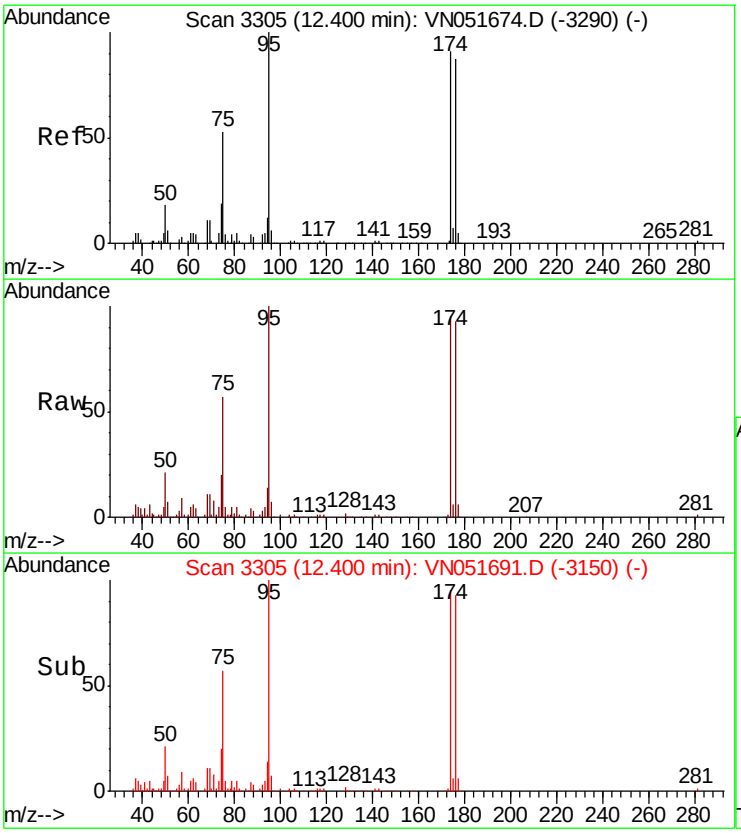
#59
2-Hexanone
Concen: 26.052 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VN051691.D
Acq: 5 Oct 2018 16:59

Instrument : MSVOA_N
ClientSampleId : EFF-WW

Tgt Ion: 43 Resp: 65315

Ion	Ratio	Lower	Upper
43	100		
58	54.5	41.3	61.9
57	21.3	13.4	20.0#

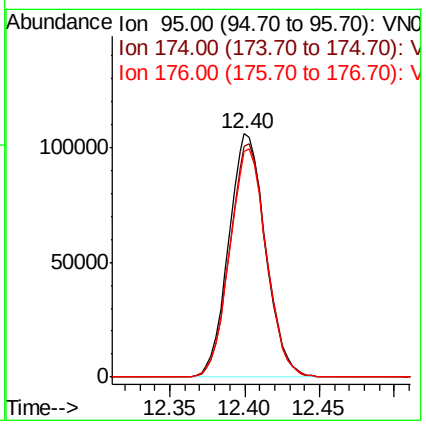


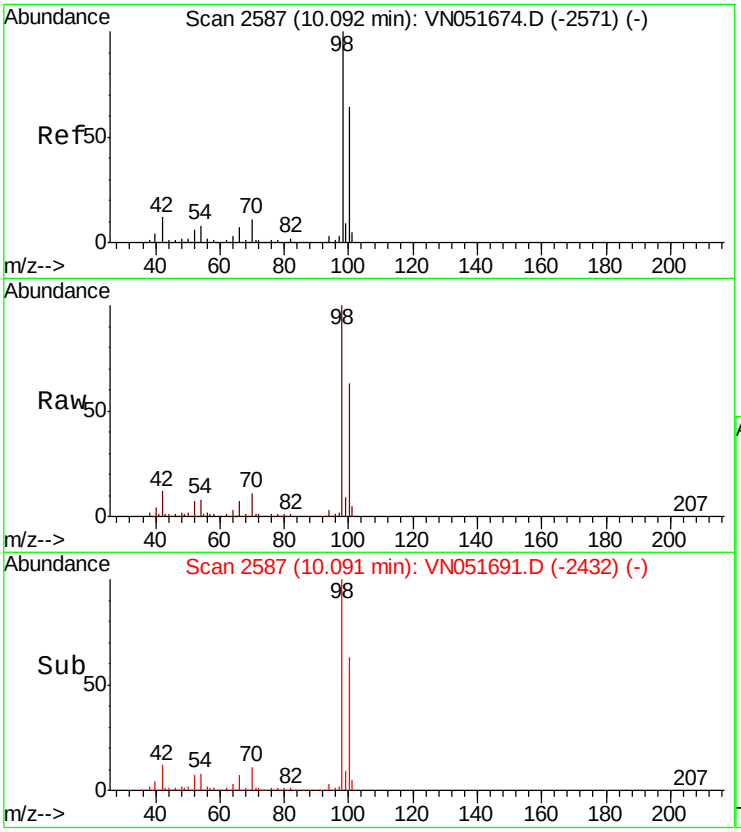


#60
4-Bromofluorobenzene
Concen: 26.052 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN051691.D
Acq: 5 Oct 2018 16:59

Tgt Ion: 95 Resp: 180786

Ion	Ratio	Lower	Upper
95	100		
174	95.4	73.5	110.3
176	93.5	70.2	105.2





#63
Toluene-d8
Concen: N.D. ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN051691.D
Acq: 5 Oct 2018 16:59

Instrument :
MSVOA_N
ClientSampleId :
EFF-WW

Tgt Ion: 98 Resp: 632036

Ion	Ratio	Lower	Upper
98	100		
100	63.9	50.8	76.2