Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN100518\
Data File : VN051685.D
Acq On : 5 Oct 2018 14:27
Operator : MD\SY
Sample : J5239-02 5X
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 14 Sample Multiplier: 28

Instrument : MSVOA_N
ClientSampleId : 002M-35TH-AVE(AUG)

Quant Time: Oct 05 15:30:21 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	94464	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.59	114	535093	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	429712	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.03	65	196908	30.03	ug/l	0.00
Spiked Amount 30.000	Range 50 - 169		Recovery = 100.10%			
60) 4-Bromofluorobenzene	12.40	95	150288	22.92	ug/l	0.00
Spiked Amount 30.000	Range 56 - 143		Recovery = 76.40%			
63) Toluene-d8	10.09	98	619197	32.45	ug/l	0.00
Spiked Amount 30.000	Range 66 - 137		Recovery = 108.17%			
Target Compounds						Qvalue
15) Acetone	3.82	58	37791	111.301	ug/l	78
25) Chloroform	7.37	83	29508	2.895	ug/l	91
41) Bromodichloromethane	9.41	83	3164	0.389	ug/l #	85
62) Toluene	10.16	91	220539	10.132	ug/l	99
82) p-Isopropyltoluene	13.29	119	8491	0.364	ug/l	97

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

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MSVOA_N
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002M-35TH-AVE(AUG)

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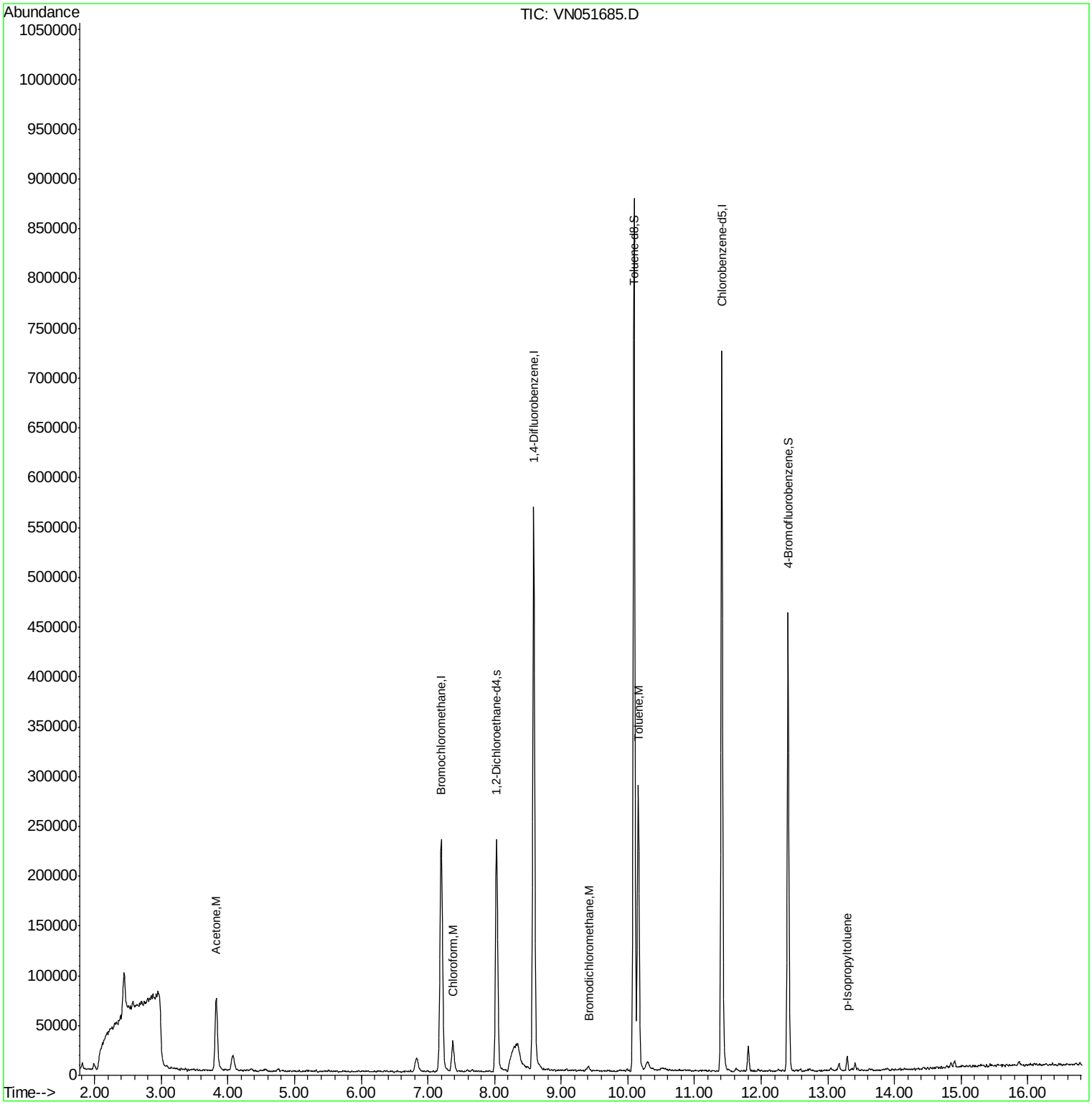
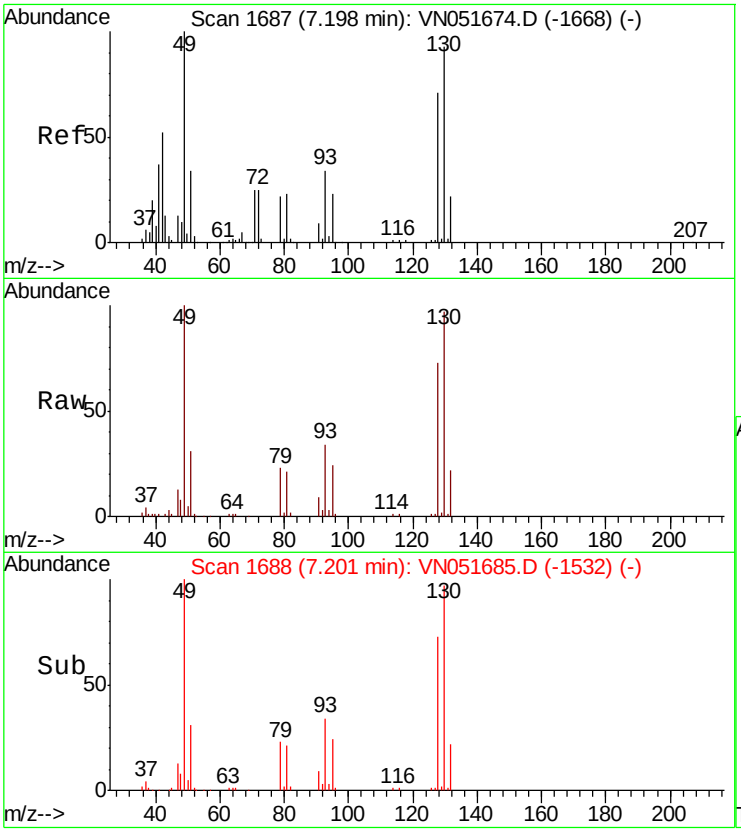
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Oct 05 11:11:26 2018
Response via : Initial Calibration



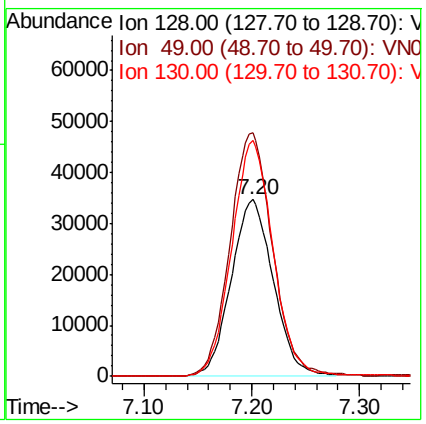


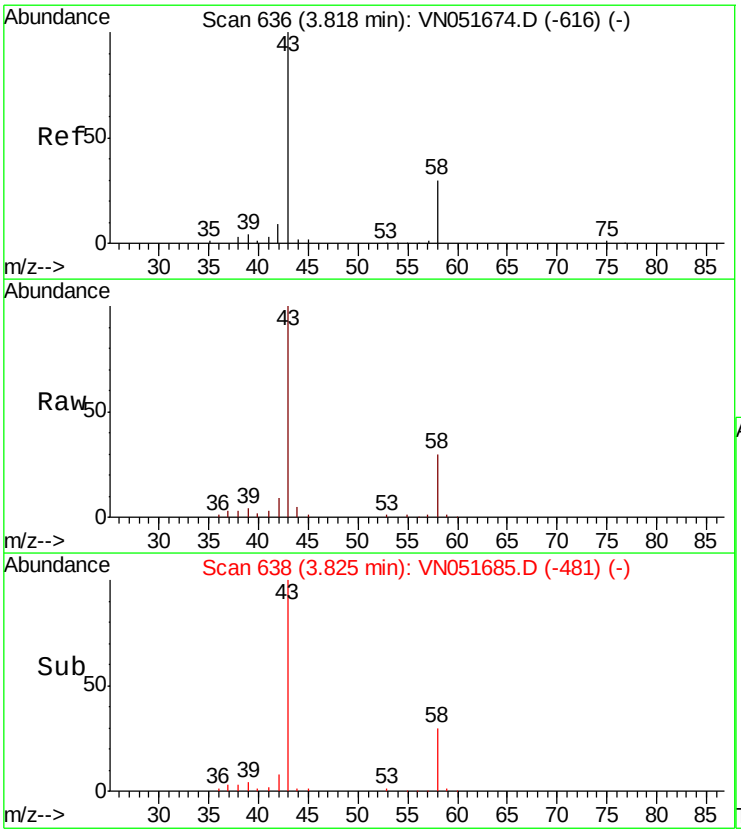
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.20 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VN051685.D
Acq: 5 Oct 2018 14:27

Instrument :
MSVOA_N
ClientSampleId :
002M-35TH-AVE(AUG)

Tgt Ion:128 Resp: 94464

Ion	Ratio	Lower	Upper
128	100		
49	138.1	0.0	403.3
130	130.7	0.0	326.0

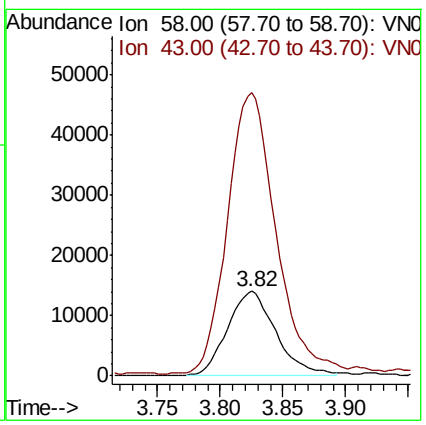


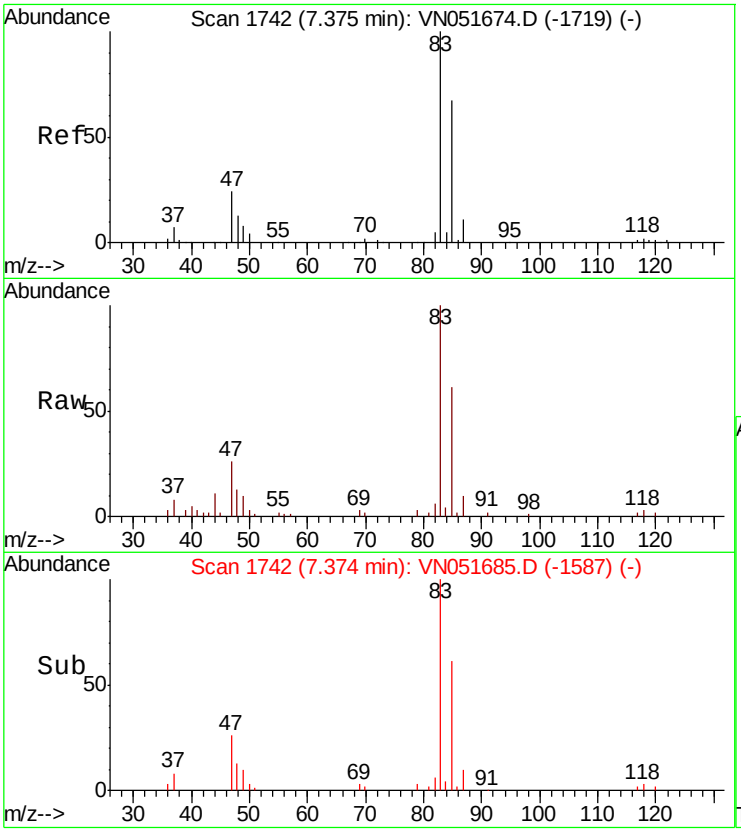


#15
Acetone
Concen: 111.301 ug/l
RT: 3.82 min Scan# 638
Delta R.T. 0.01 min
Lab File: VN051685.D
Acq: 5 Oct 2018 14:27

Tgt Ion: 58 Resp: 37791

Ion	Ratio	Lower	Upper
58	100		
43	331.8	232.2	348.2



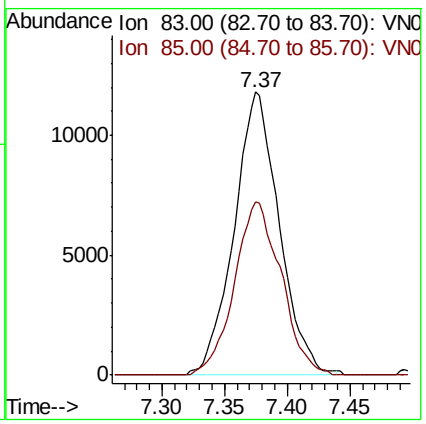


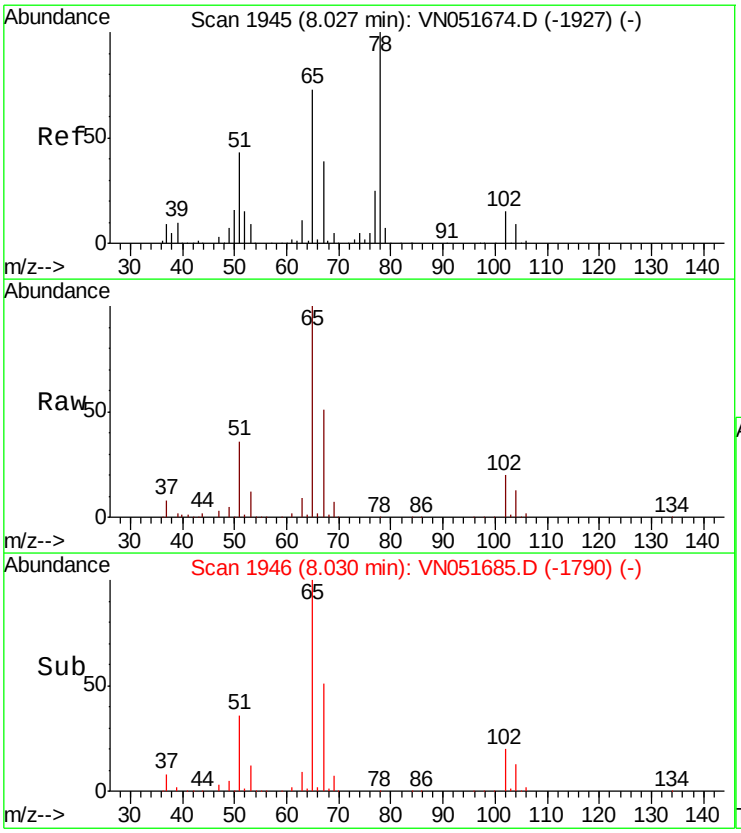
#25
Chloroform
Concen: 2.895 ug/l
RT: 7.37 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VN051685.D
Acq: 5 Oct 2018 14:27

Instrument :
MSVOA_N
ClientSampleId :
002M-35TH-AVE(AUG)

Tgt Ion: 83 Resp: 29508

Ion	Ratio	Lower	Upper
83	100		
85	61.4	54.6	82.0

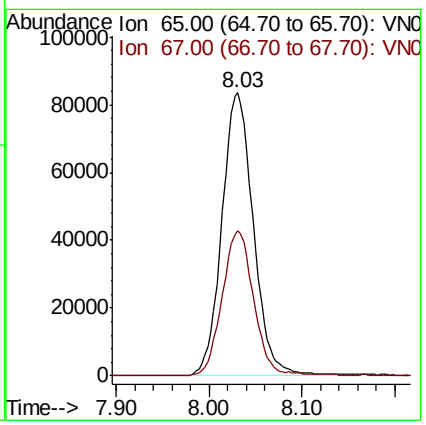


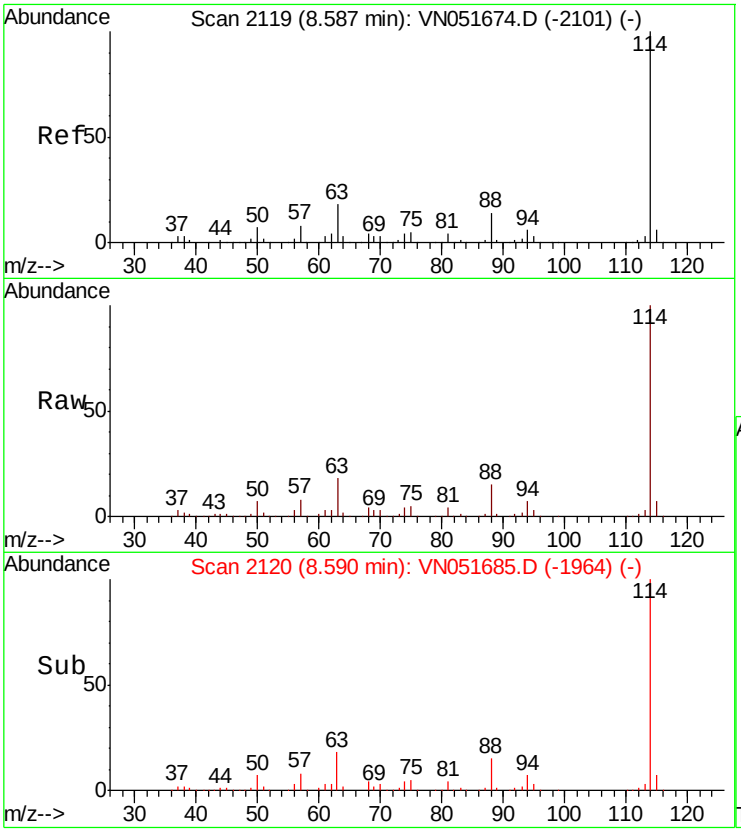


#27
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN051685.D
Acq: 5 Oct 2018 14:27

Tgt Ion: 65 Resp: 196908

Ion	Ratio	Lower	Upper
65	100		
67	50.6	41.8	62.8



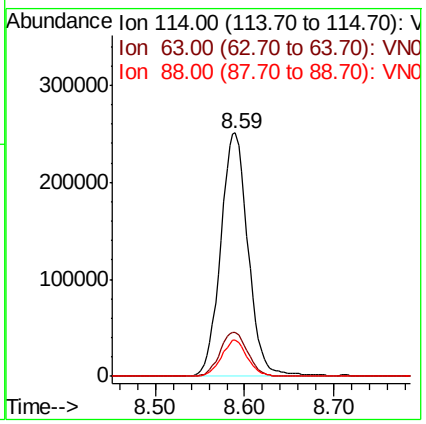


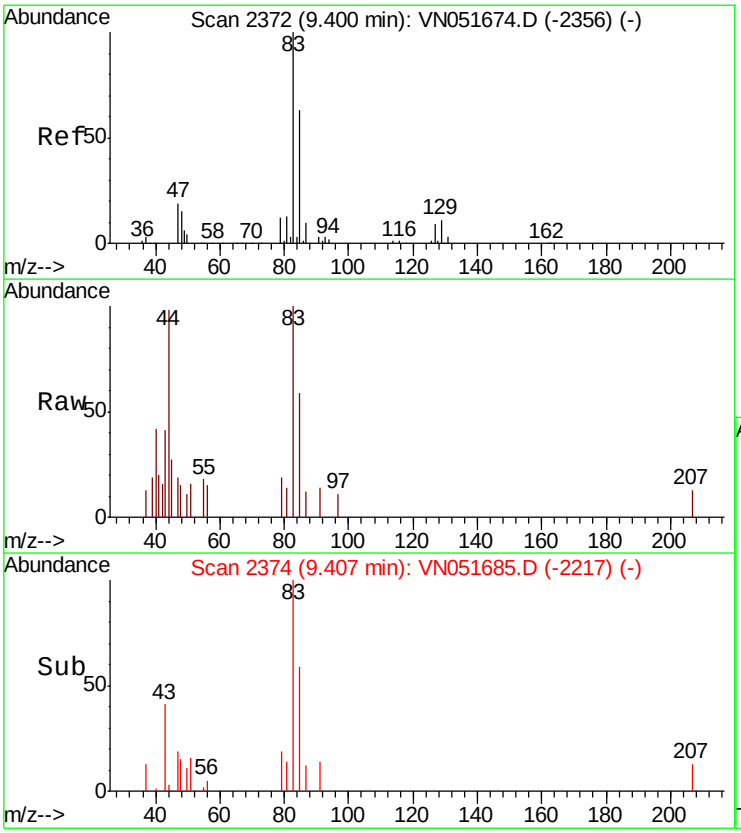
#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.59 min Scan# 2120
Delta R.T. 0.00 min
Lab File: VN051685.D
Acq: 5 Oct 2018 14:27

Instrument :
MSVOA_N
ClientSampleId :
002M-35TH-AVE(AUG)

Tgt Ion:114 Resp: 535093

Ion	Ratio	Lower	Upper
114	100		
63	18.3	16.2	24.2
88	14.0	12.2	18.4

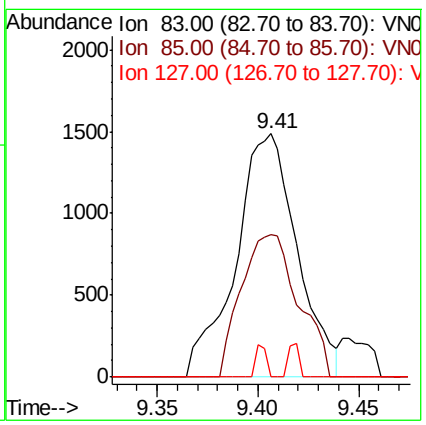


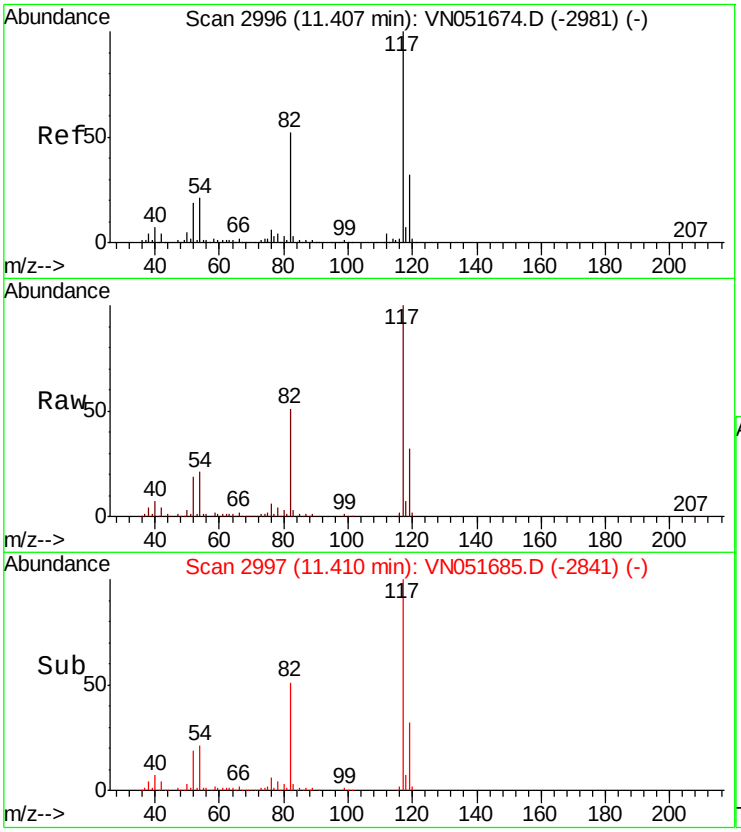


#41
Bromodichloromethane
Concen: 0.389 ug/l
RT: 9.41 min Scan# 2374
Delta R.T. 0.01 min
Lab File: VN051685.D
Acq: 5 Oct 2018 14:27

Tgt Ion: 83 Resp: 3164

Ion	Ratio	Lower	Upper
83	100		
85	58.6	55.7	83.5
127	0.0	8.2	12.4#



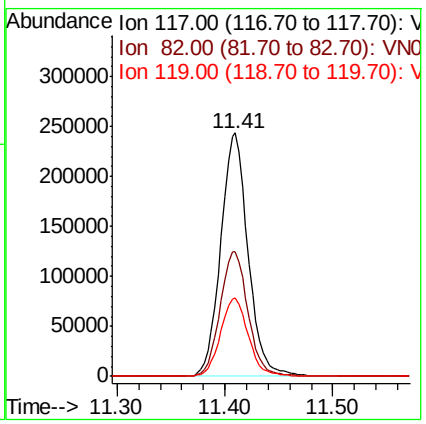


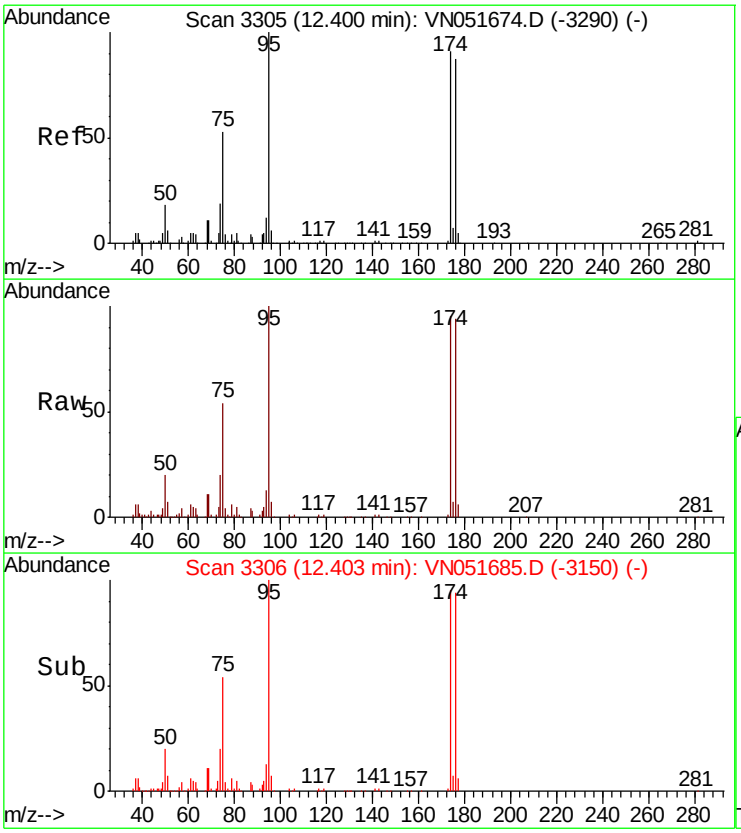
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN051685.D
Acq: 5 Oct 2018 14:27

Instrument :
MSVOA_N
ClientSampleId :
002M-35TH-AVE(AUG)

Tgt Ion:117 Resp: 429712

Ion	Ratio	Lower	Upper
117	100		
82	52.3	44.1	66.1
119	32.7	25.8	38.8

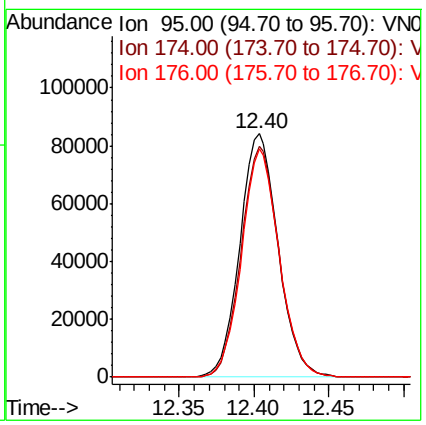


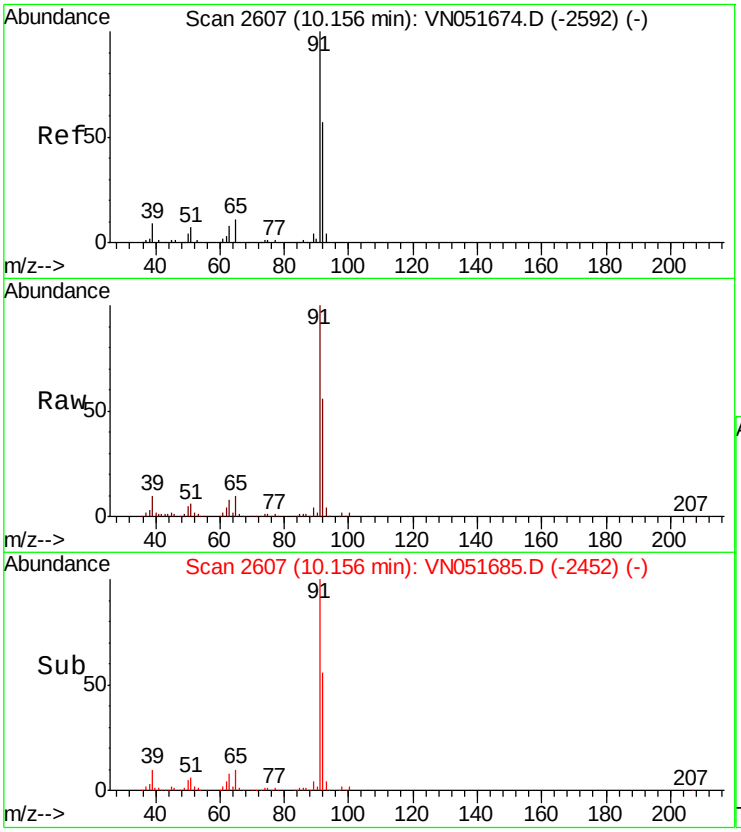


#60
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN051685.D
Acq: 5 Oct 2018 14:27

Tgt Ion: 95 Resp: 150288

Ion	Ratio	Lower	Upper
95	100		
174	93.5	73.5	110.3
176	91.6	70.2	105.2



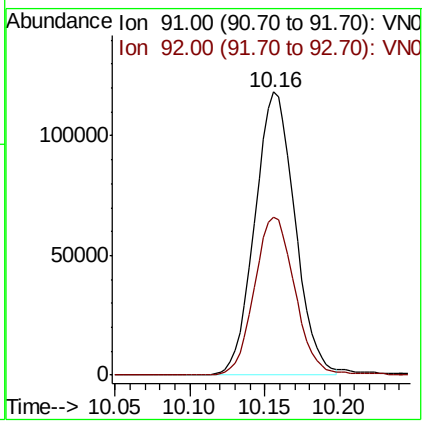


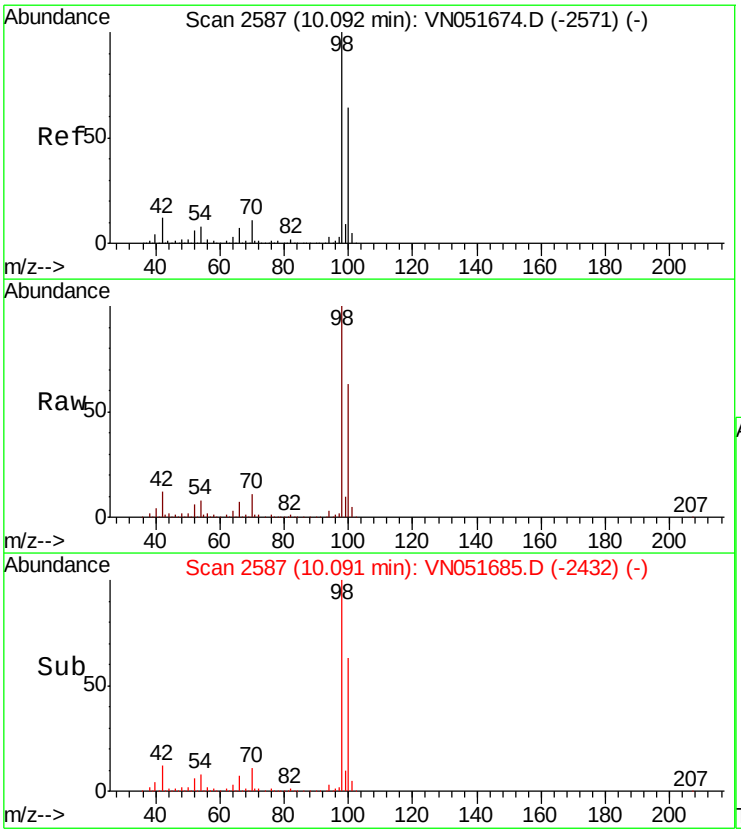
#62
Toluene
Concen: 10.132 ug/l
RT: 10.16 min Scan# 2607
Delta R.T. -0.00 min
Lab File: VN051685.D
Acq: 5 Oct 2018 14:27

Instrument :
MSVOA_N
ClientSampleId :
002M-35TH-AVE(AUG)

Tgt Ion: 91 Resp: 220539

Ion	Ratio	Lower	Upper
91	100		
92	56.2	44.6	66.8

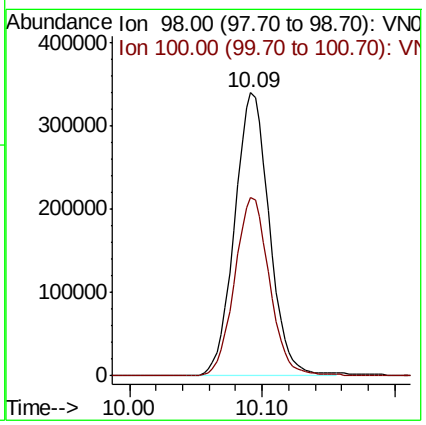


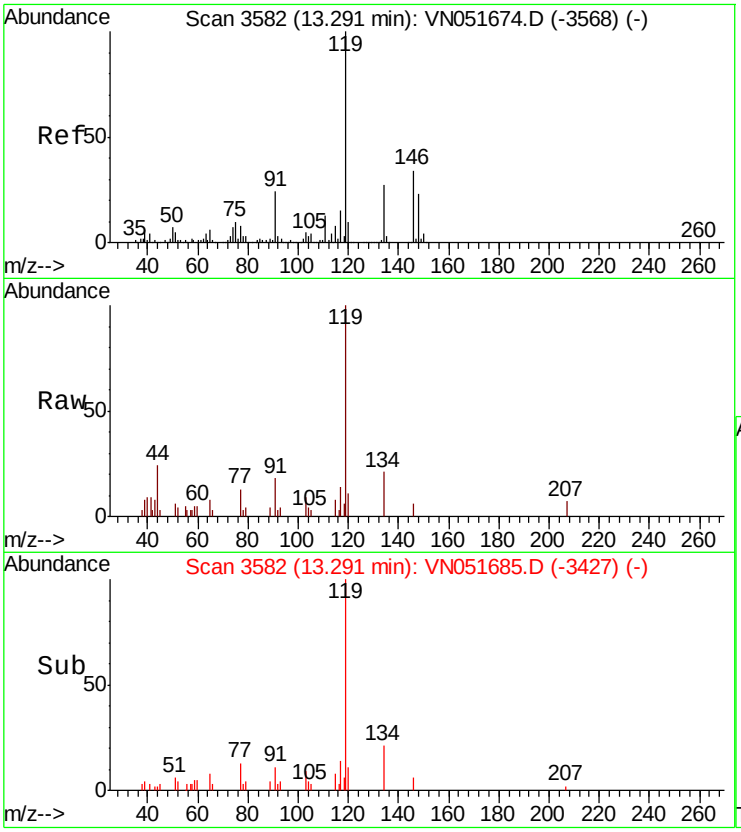


#63
Toluene-d8
Concen: 10.132 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN051685.D
Acq: 5 Oct 2018 14:27

Tgt Ion: 98 Resp: 619197

Ion	Ratio	Lower	Upper
98	100		
100	63.4	50.8	76.2





#82
p-Isopropyltoluene
Concen: 0.364 ug/l
RT: 13.29 min Scan# 3582
Delta R.T. -0.00 min
Lab File: VN051685.D
Acq: 5 Oct 2018 14:27

Instrument :
MSVOA_N
ClientSampleId :
002M-35TH-AVE(AUG)

Tgt Ion:119 Resp: 8491

Ion	Ratio	Lower	Upper
119	100		
134	27.3	0.0	53.6
91	23.3	0.0	52.0