Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN101518\
Data File : VN051873.D
Acq On : 15 Oct 2018 14:46
Operator : MD\SY
Sample : J5512-01DL 5X
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 28

Instrument : MSVOA_N
ClientSampleId : 001M-WILLETS-PT-BLVD-SEPDL

Quant Time: Oct 16 16:04:28 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N101218W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Oct 12 10:23:44 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.20	128	129993	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.59	114	736095	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	591568	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.03	65	244496	30.91	ug/l	0.00
Spiked Amount 30.000	Range 50 - 169		Recovery = 103.03%			
60) 4-Bromofluorobenzene	12.40	95	207932	24.38	ug/l	0.00
Spiked Amount 30.000	Range 56 - 143		Recovery = 81.27%			
63) Toluene-d8	10.09	98	829811	32.30	ug/l	0.00
Spiked Amount 30.000	Range 66 - 137		Recovery = 107.67%			
Target Compounds						Qvalue
15) Acetone	3.82	58	50201	122.26	ug/l	91
25) Chloroform	7.37	83	62020	4.73	ug/l	86
58) 4-Methyl-2-Pentanone	9.99	43	5482	1.38	ug/l	96
62) Toluene	10.16	91	705969	24.02	ug/l	98

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

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001M-WILLETS-PT-BLVD-SEPDL

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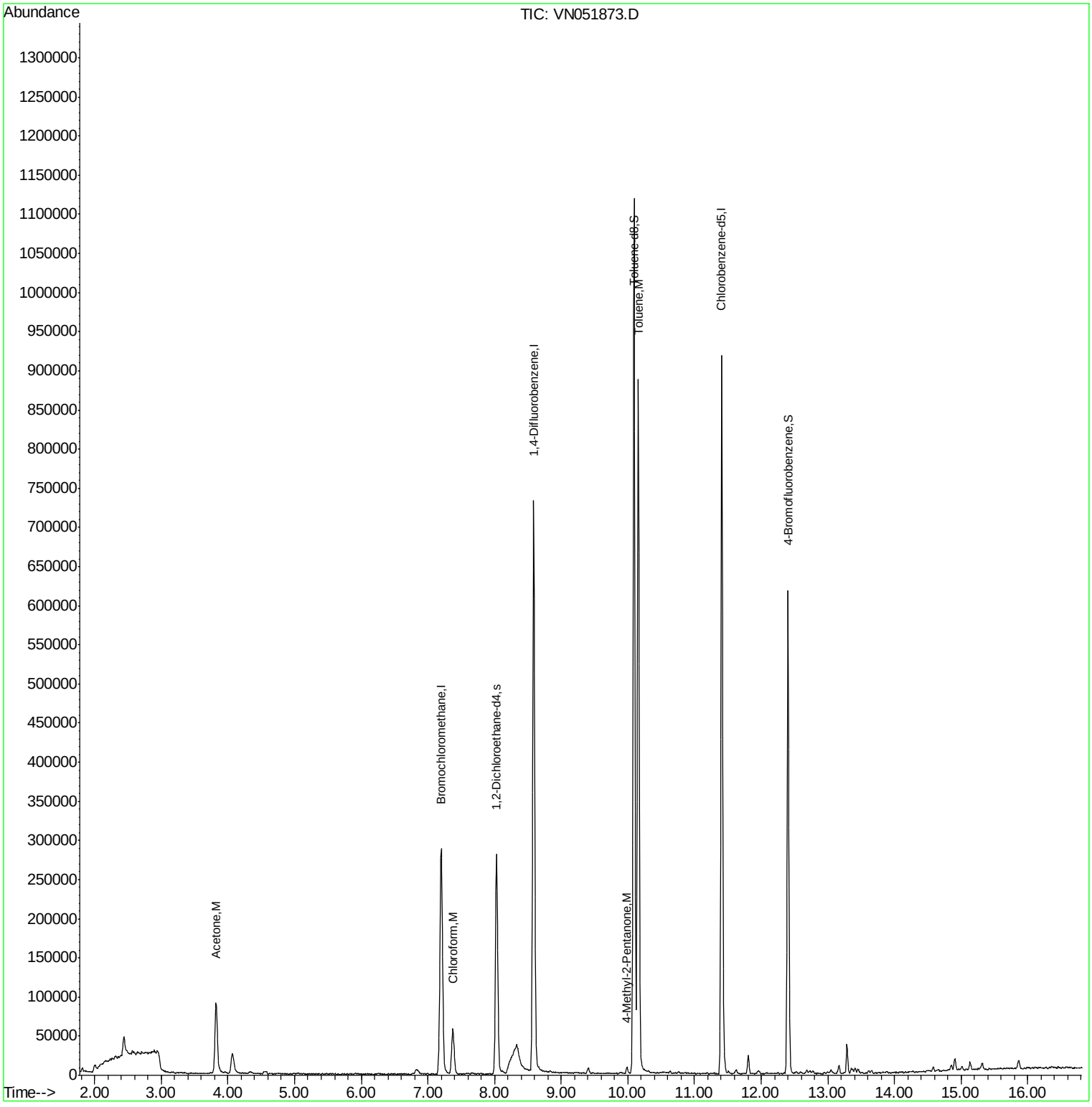
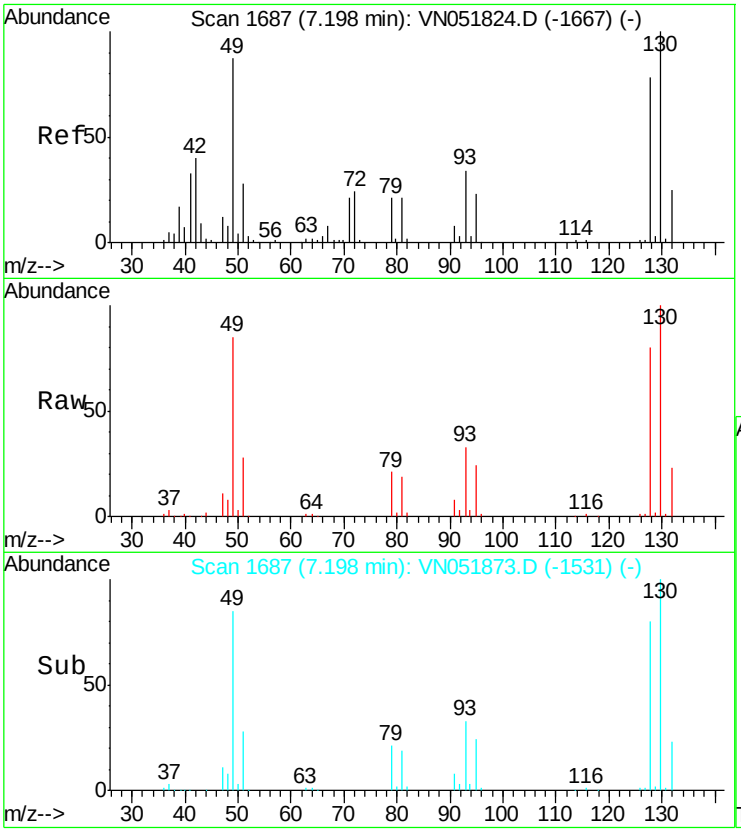


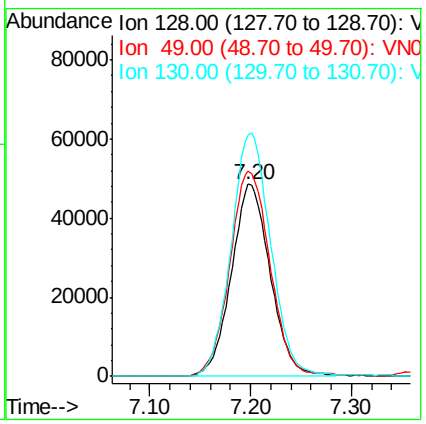


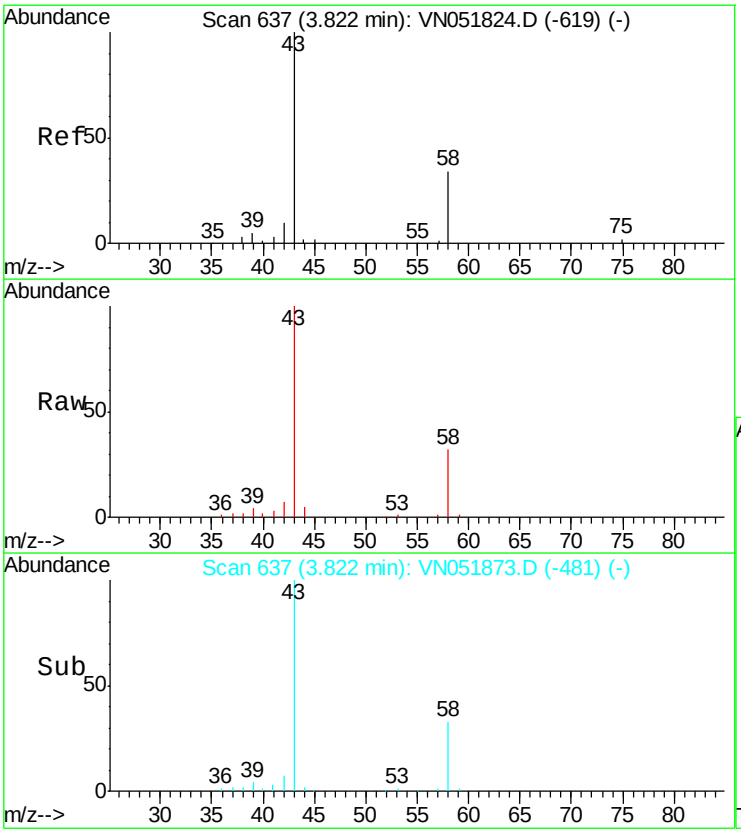
#1
Bromochloromethane
Concen: 30.00 ug/l
RT: 7.20 min Scan# 1687
Delta R.T. 0.00 min
Lab File: VN051873.D
Acq: 15 Oct 2018 14:46

Instrument :
MSVOA_N
ClientSampleId :
001M-WILLETS-PT-BLVD-SEPDL

Tgt Ion:128 Resp: 129993

Ion	Ratio	Lower	Upper
128	100		
49	110.6	0.0	403.3
130	128.3	0.0	326.0

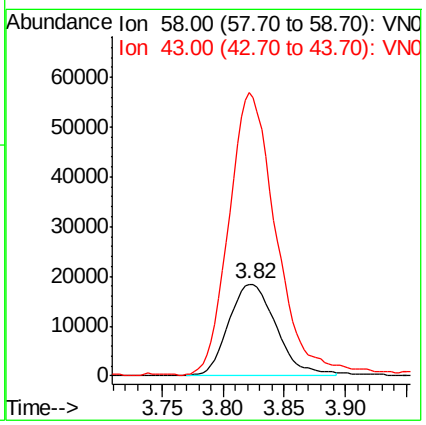


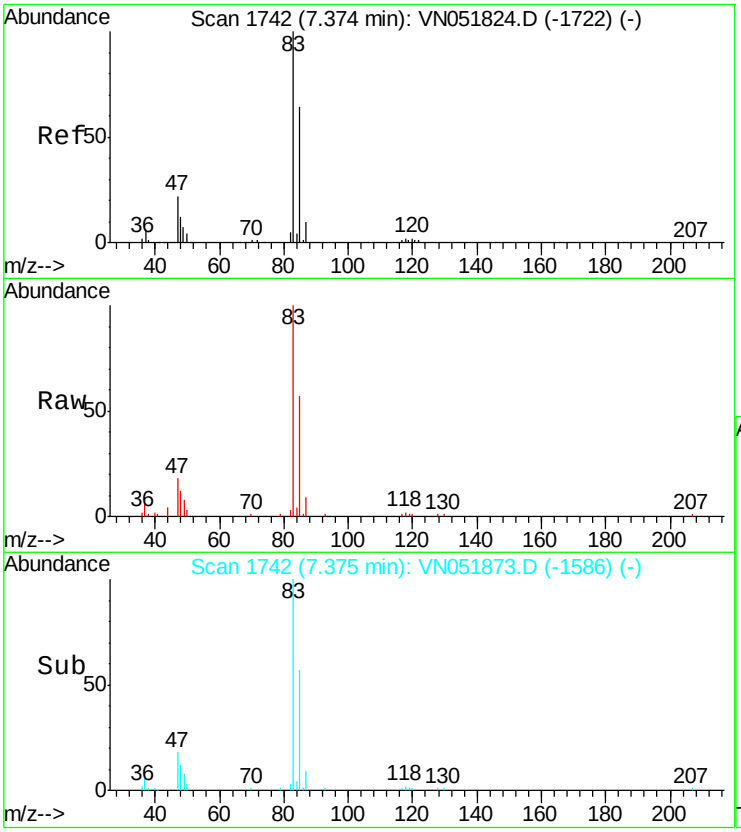


#15
Acetone
Concen: 122.26 ug/l
RT: 3.82 min Scan# 637
Delta R.T. 0.00 min
Lab File: VN051873.D
Acq: 15 Oct 2018 14:46

Tgt Ion: 58 Resp: 50201

Ion	Ratio	Lower	Upper
58	100		
43	307.2	232.2	348.2



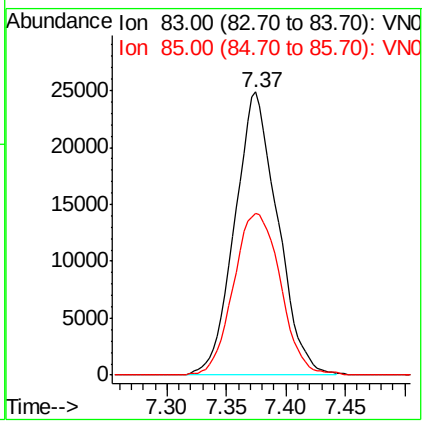


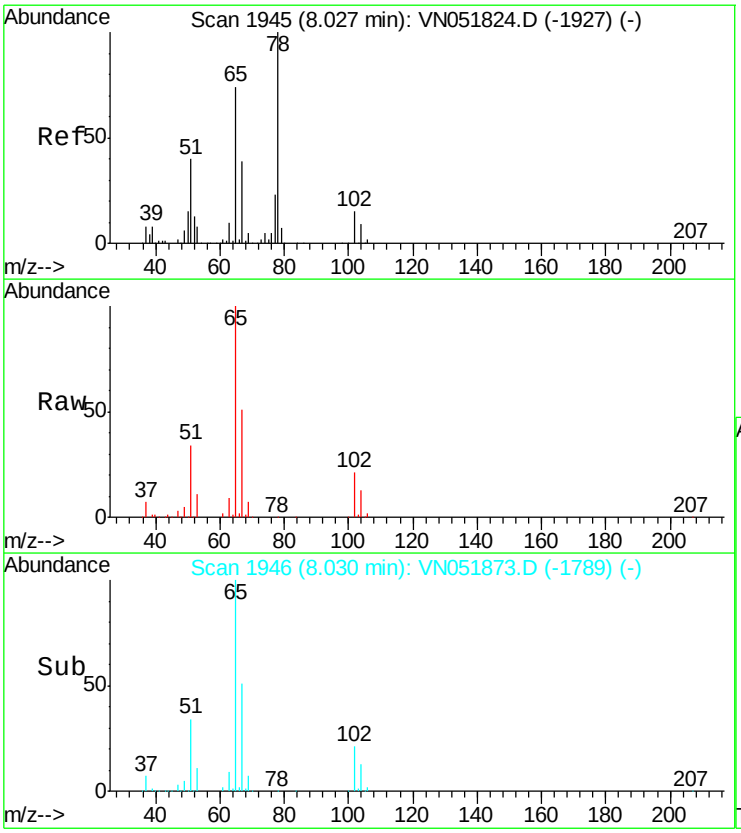
#25
Chloroform
Concen: 4.73 ug/l
RT: 7.37 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VN051873.D
Acq: 15 Oct 2018 14:46

Instrument :
MSVOA_N
ClientSampleId :
001M-WILLETS-PT-BLVD-SEPDL

Tgt Ion: 83 Resp: 62020

Ion	Ratio	Lower	Upper
83	100		
85	57.1	54.6	82.0

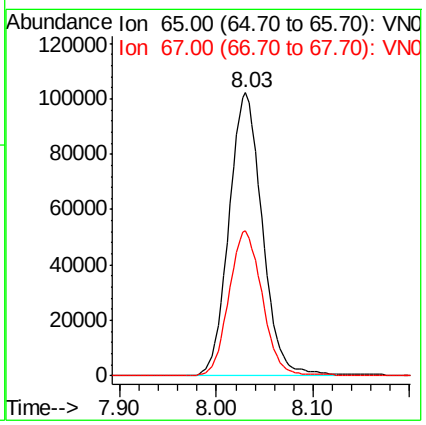


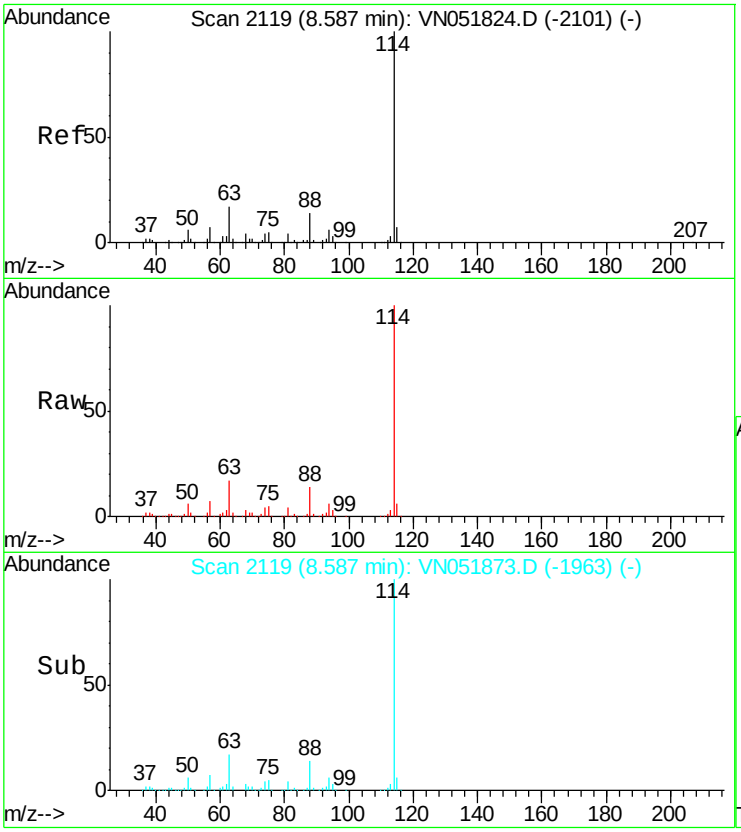


#27
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN051873.D
Acq: 15 Oct 2018 14:46

Tgt Ion: 65 Resp: 244496

Ion	Ratio	Lower	Upper
65	100		
67	51.1	41.8	62.8



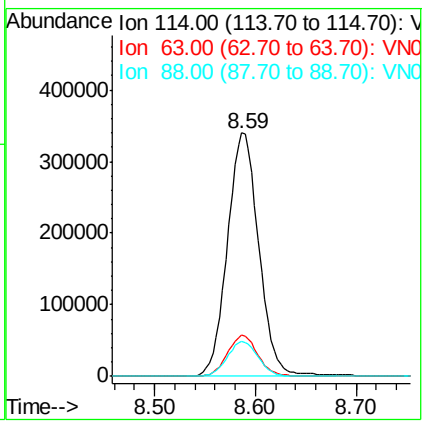


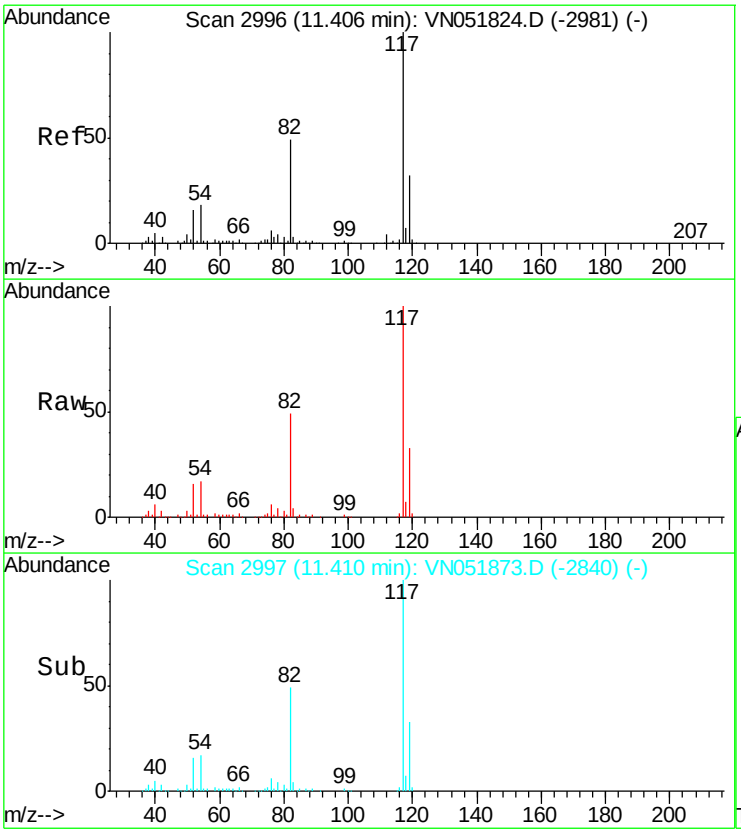
#28
1,4-Difluorobenzene
Concen: 30.00 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN051873.D
Acq: 15 Oct 2018 14:46

Instrument :
MSVOA_N
ClientSampleId :
001M-WILLETS-PT-BLVD-SEPDL

Tgt Ion:114 Resp: 736095

Ion	Ratio	Lower	Upper
114	100		
63	16.5	16.2	24.2
88	14.2	12.2	18.4

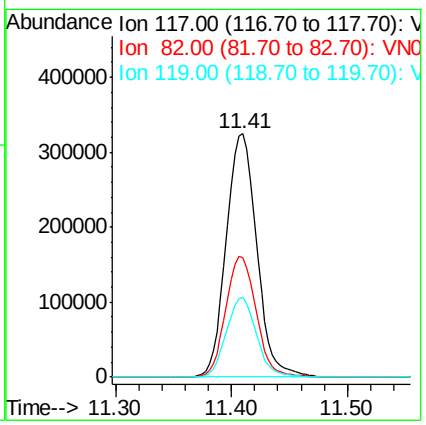


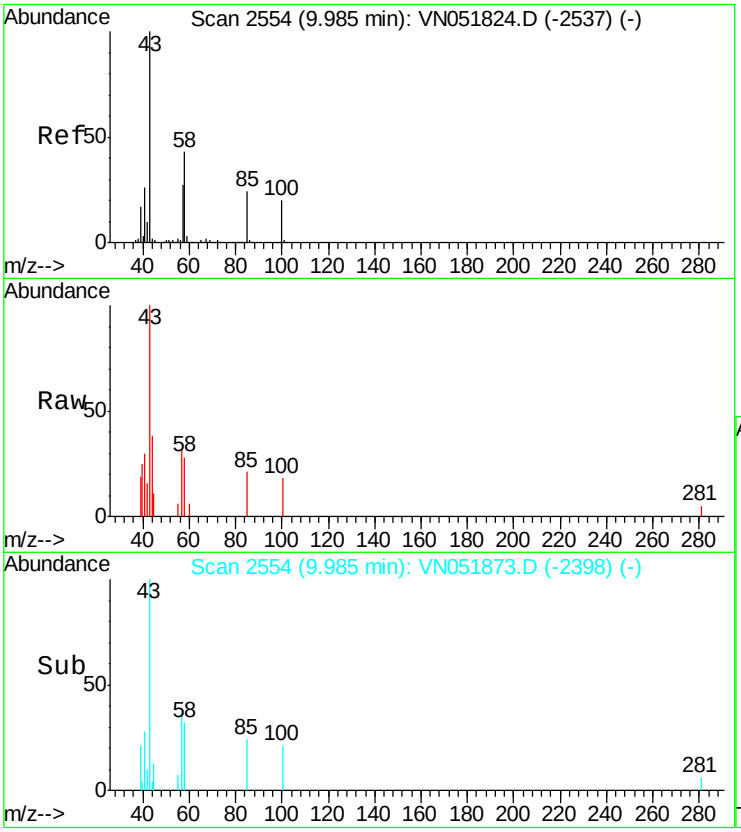


#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN051873.D
Acq: 15 Oct 2018 14:46

Tgt Ion:117 Resp: 591568

Ion	Ratio	Lower	Upper
117	100		
82	49.5	44.1	66.1
119	32.4	25.8	38.8



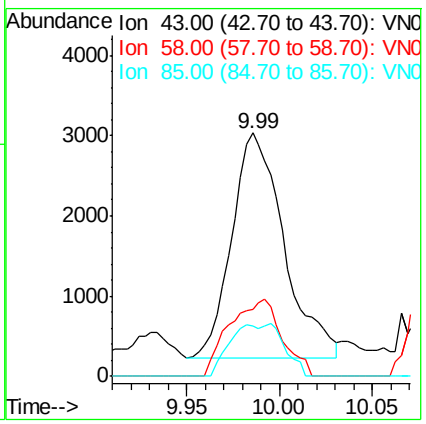


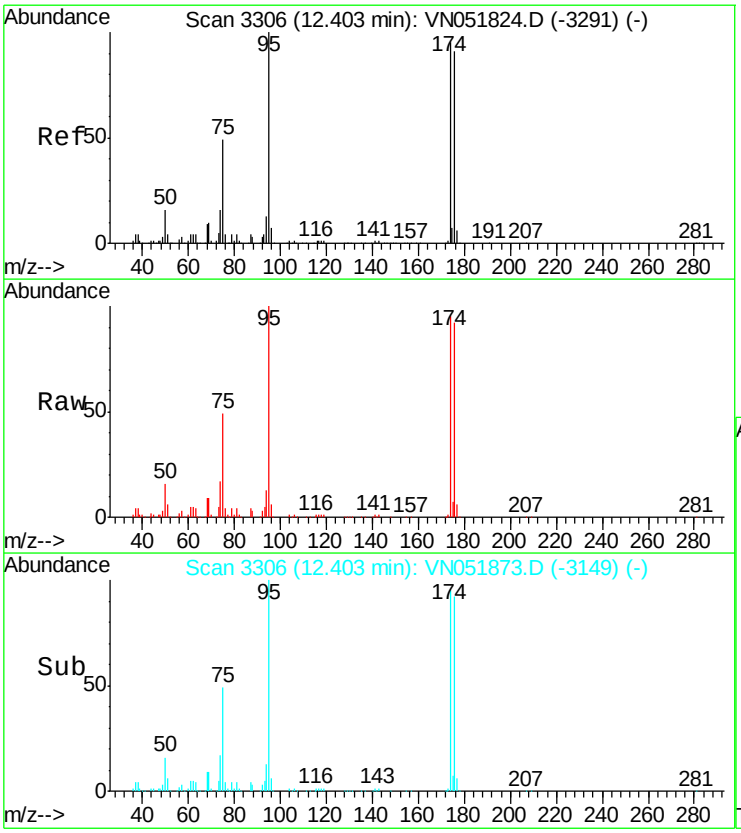
#58
4-Methyl-2-Pentanone
Concen: 1.38 ug/l
RT: 9.99 min Scan# 2554
Delta R.T. 0.00 min
Lab File: VN051873.D
Acq: 15 Oct 2018 14:46

Instrument :
MSVOA_N
ClientSampleId :
001M-WILLETS-PT-BLVD-SEPDL

Tgt Ion: 43 Resp: 5482

Ion	Ratio	Lower	Upper
43	100		
58	34.7	29.3	43.9
85	13.7	12.6	18.8

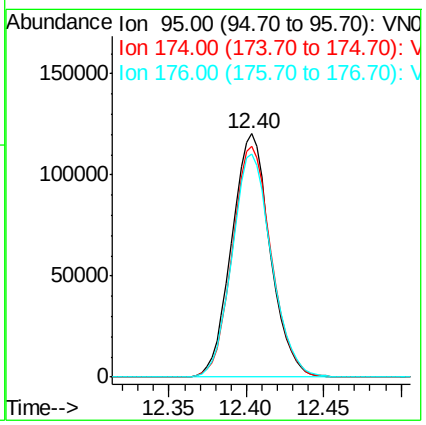


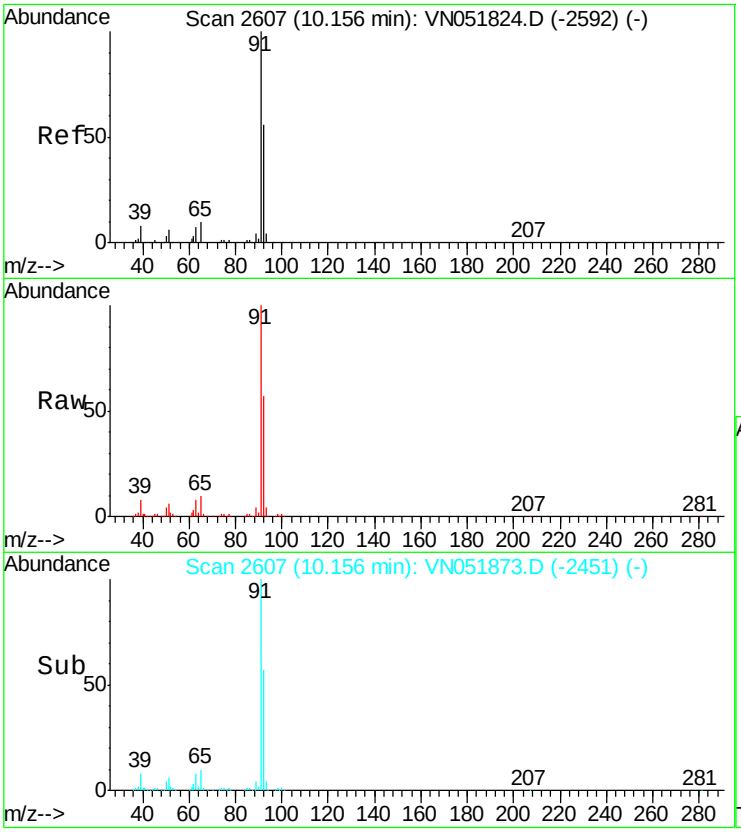


#60
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN051873.D
Acq: 15 Oct 2018 14:46

Tgt Ion: 95 Resp: 207932

Ion	Ratio	Lower	Upper
95	100		
174	95.9	73.5	110.3
176	94.0	70.2	105.2



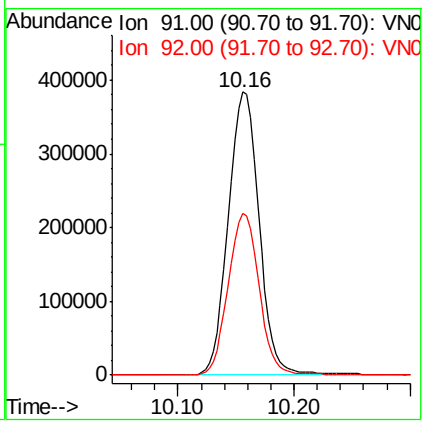


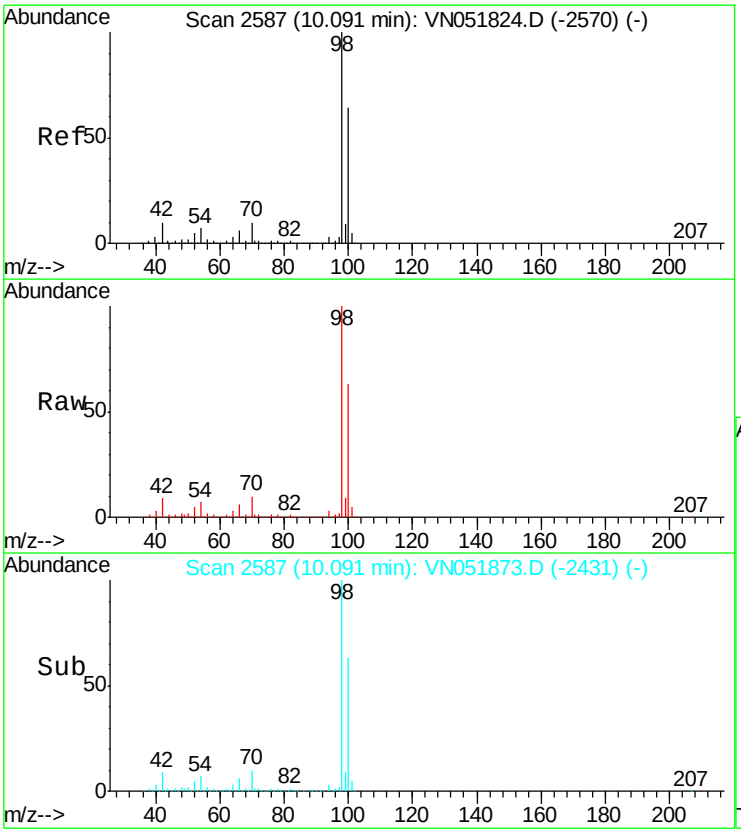
#62
Toluene
Concen: 24.02 ug/l
RT: 10.16 min Scan# 2607
Delta R.T. 0.00 min
Lab File: VN051873.D
Acq: 15 Oct 2018 14:46

Instrument :
MSVOA_N
ClientSampleId :
001M-WILLETS-PT-BLVD-SEPDL

Tgt Ion: 91 Resp: 705969

Ion	Ratio	Lower	Upper
91	100		
92	57.2	44.6	66.8





#63
Toluene-d8
Concen: 24.02 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN051873.D
Acq: 15 Oct 2018 14:46

Tgt Ion: 98 Resp: 829811

Ion	Ratio	Lower	Upper
98	100		
100	62.9	50.8	76.2