Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN022119\
Data File : VN053886.D
Acq On : 21 Feb 2019 12:29
Operator : JC/SP
Sample : K1540-01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : M2-T2-OZ(PRE)

Quant Time: Feb 22 01:12:36 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022019W.M
Quant Title : SW846 8260
QLast Update : Thu Feb 21 03:36:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	637779	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1083099	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1108311	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	393598	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	339899	52.15	ug/l	0.00
Spiked Amount 50.000			Recovery = 104.30%			
35) Dibromofluoromethane	7.59	113	345285	48.58	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.16%			
50) Toluene-d8	10.09	98	1307311	50.92	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.84%			
62) 4-Bromofluorobenzene	12.40	95	476582	56.23	ug/l	0.00
Spiked Amount 50.000			Recovery = 112.46%			
Target Compounds						Qvalue
16) Acetone	3.82	43	11985	6.686	ug/l	95
19) Methyl tert-butyl Ether	5.05	73	14039	0.935	ug/l	100
25) 2-Butanone	6.84	43	99542	43.034	ug/l	99
29) Tetrahydrofuran	7.21	42	172496	115.310	ug/l	99
44) Trichloroethene	8.84	130	3722	0.453	ug/l	77

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

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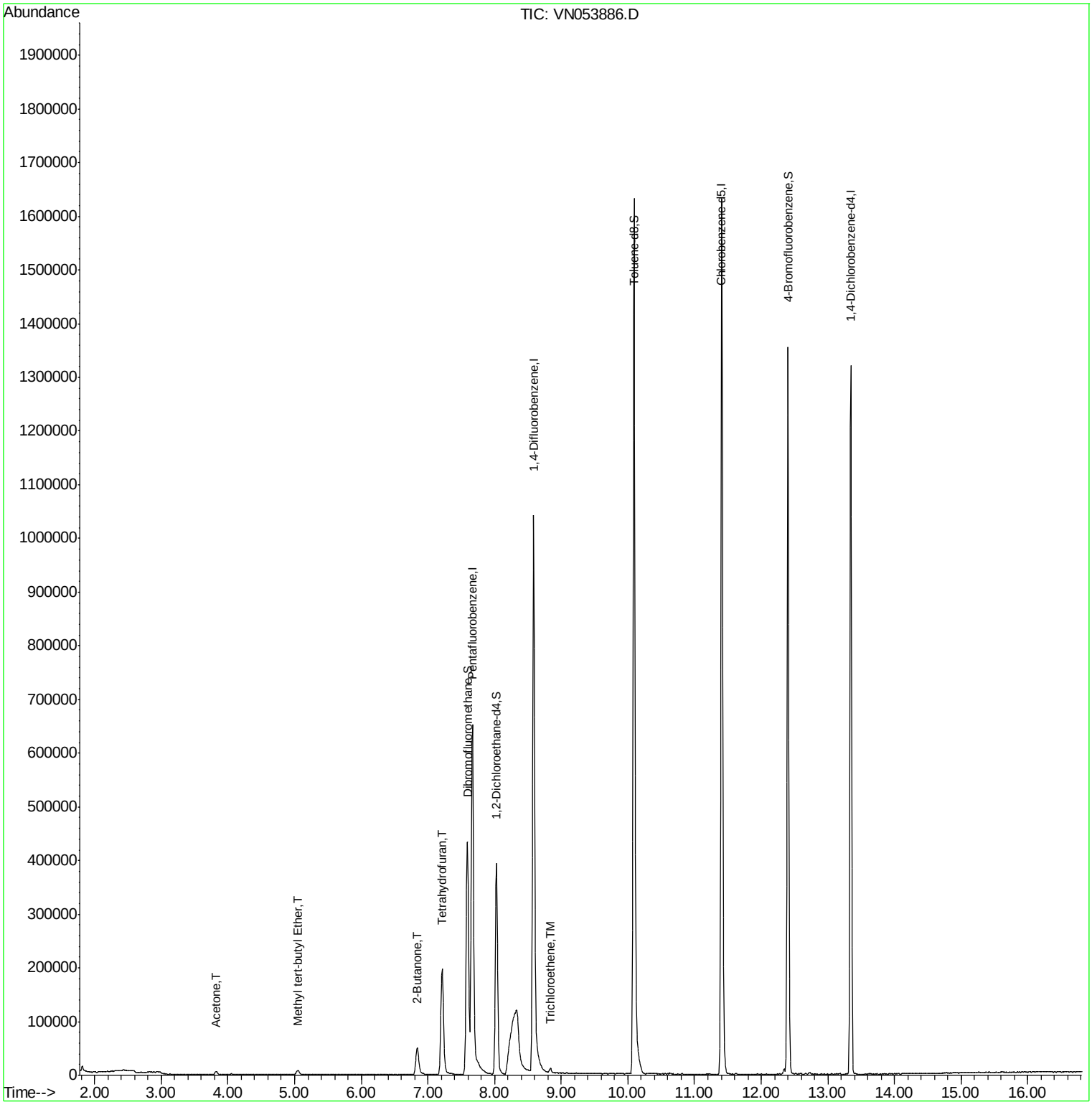
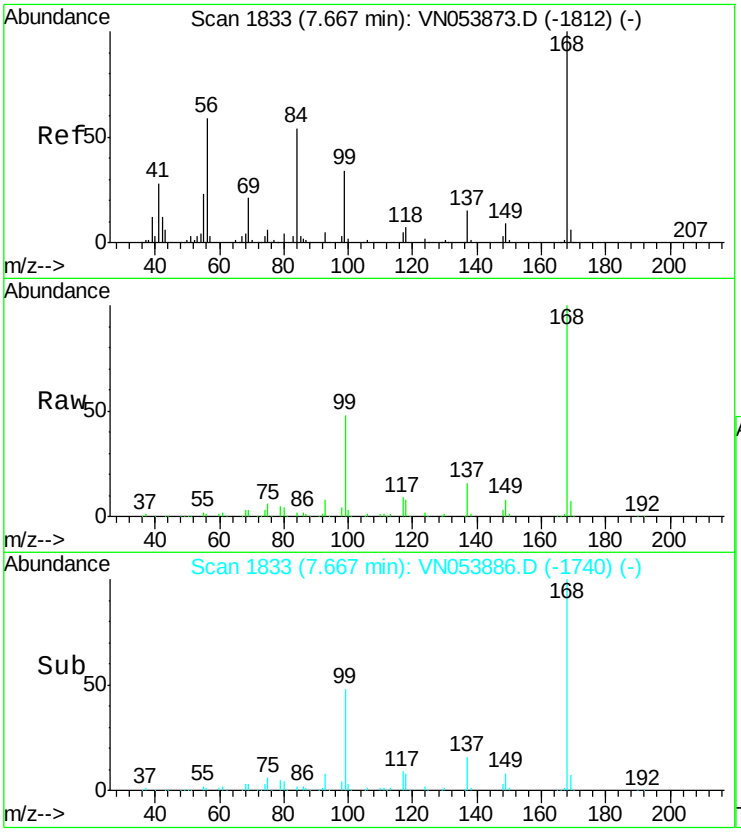


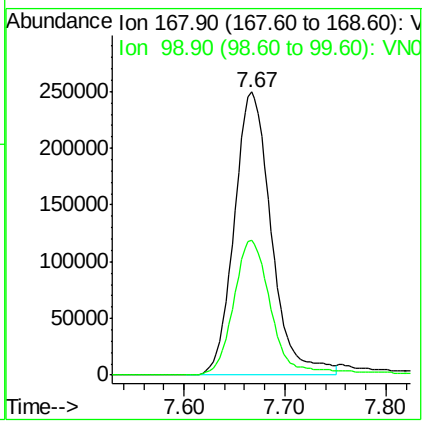


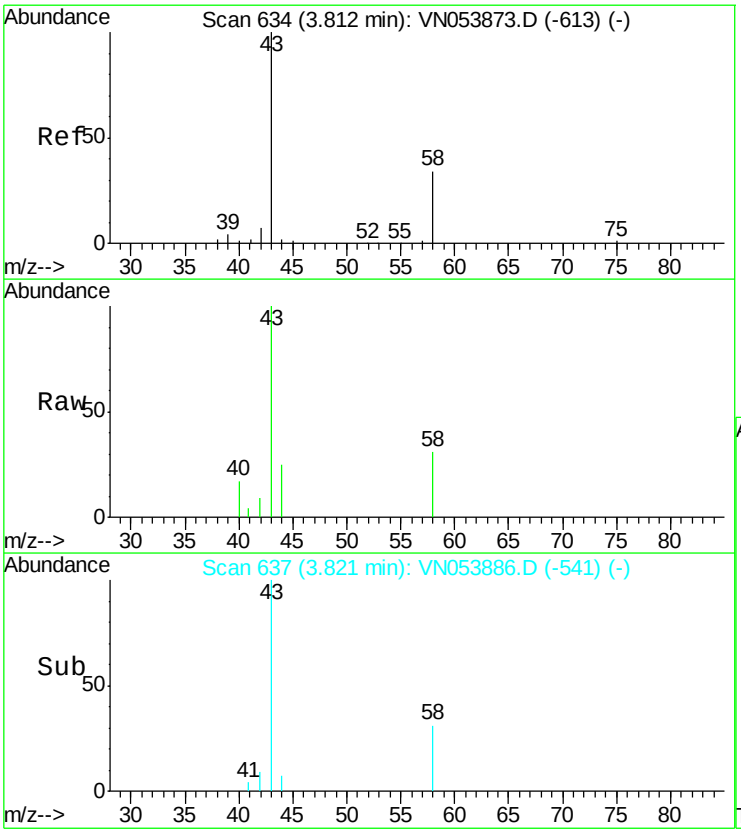
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.00 min
Lab File: VN053886.D
Acq: 21 Feb 2019 12:29

Instrument :
MSVOA_N
ClientSampleId :
M2-T2-OZ(PRE)

Tgt Ion:168 Resp: 637779

Ion	Ratio	Lower	Upper
168	100		
99	47.7	36.9	55.3

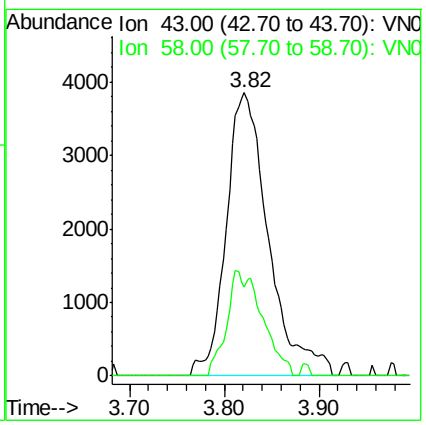


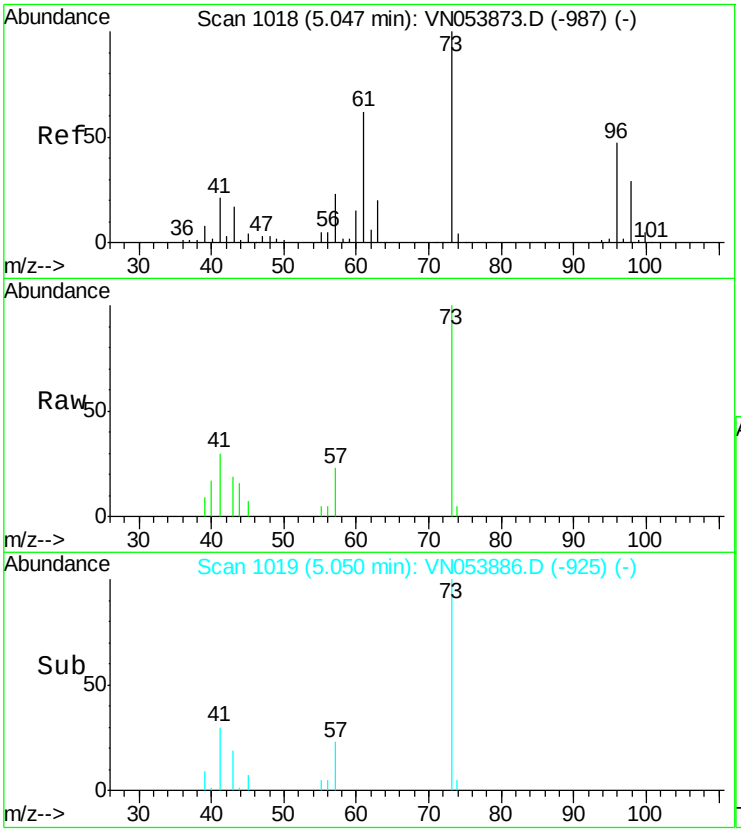


#16
Acetone
Concen: 6.686 ug/l
RT: 3.82 min Scan# 637
Delta R.T. 0.01 min
Lab File: VN053886.D
Acq: 21 Feb 2019 12:29

Tgt Ion: 43 Resp: 11985

Ion	Ratio	Lower	Upper
43	100		
58	31.4	27.6	41.4



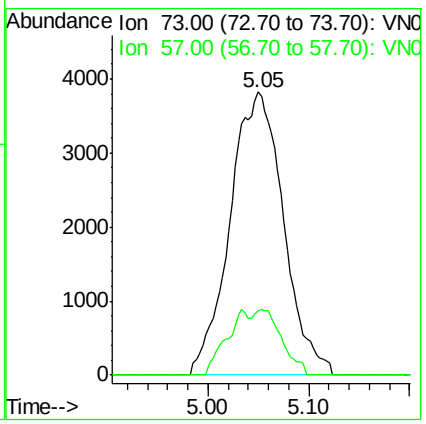


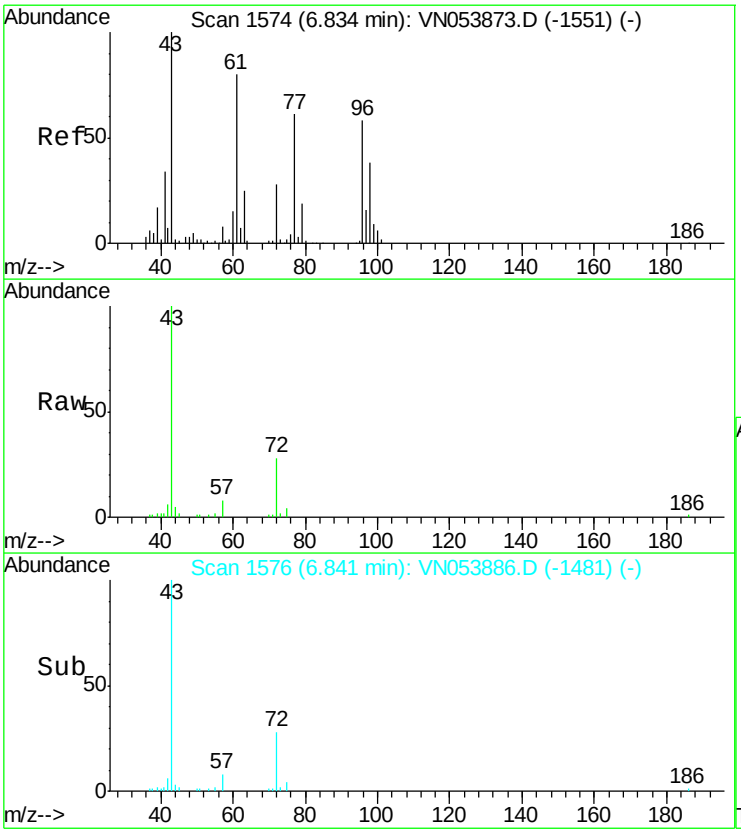
#19
Methyl tert-butyl Ether
Concen: 0.935 ug/l
RT: 5.05 min Scan# 1019
Delta R.T. 0.00 min
Lab File: VN053886.D
Acq: 21 Feb 2019 12:29

Instrument :
MSVOA_N
ClientSampleId :
M2-T2-OZ(PRE)

Tgt Ion: 73 Resp: 14039

Ion	Ratio	Lower	Upper
73	100		
57	22.7	18.0	27.0

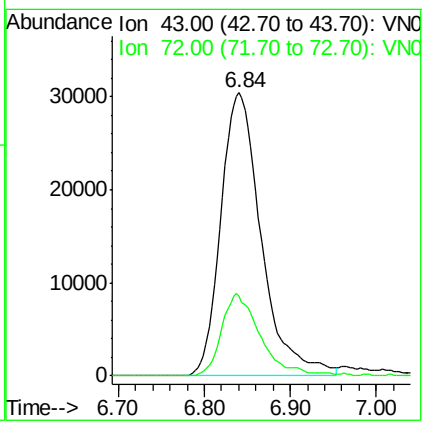


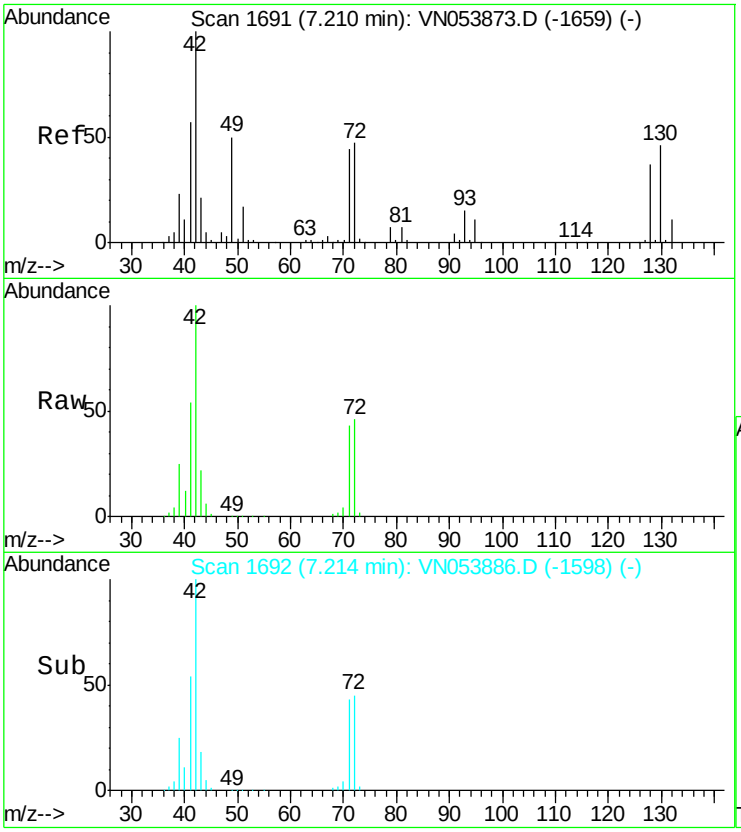


#25
2-Butanone
Concen: 43.034 ug/l
RT: 6.84 min Scan# 1576
Delta R.T. 0.01 min
Lab File: VN053886.D
Acq: 21 Feb 2019 12:29

Tgt Ion: 43 Resp: 99542

Ion	Ratio	Lower	Upper
43	100		
72	28.0	22.1	33.1



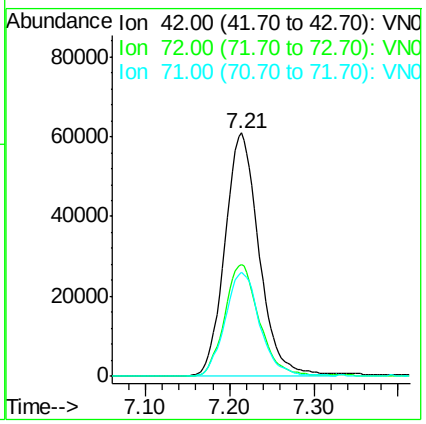


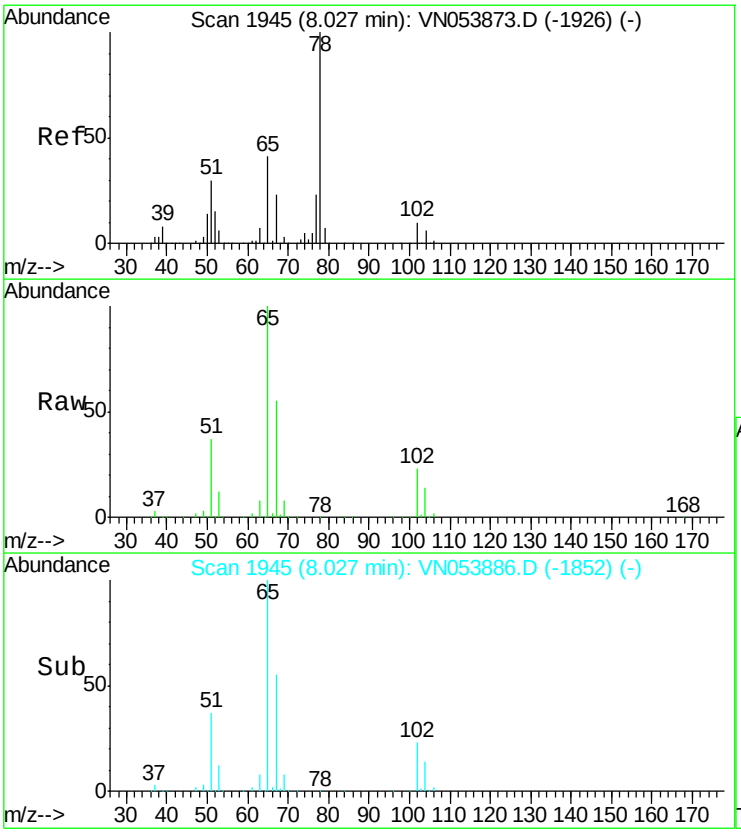
#29
Tetrahydrofuran
Concen: 115.310 ug/l
RT: 7.21 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VN053886.D
Acq: 21 Feb 2019 12:29

Instrument :
MSVOA_N
ClientSampleId :
M2-T2-OZ(PRE)

Tgt Ion: 42 Resp: 172496

Ion	Ratio	Lower	Upper
42	100		
72	46.7	36.9	55.3
71	43.0	34.6	52.0

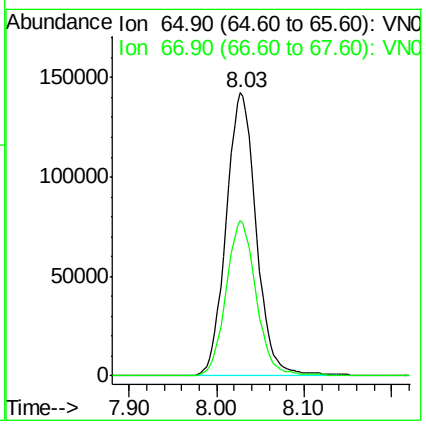


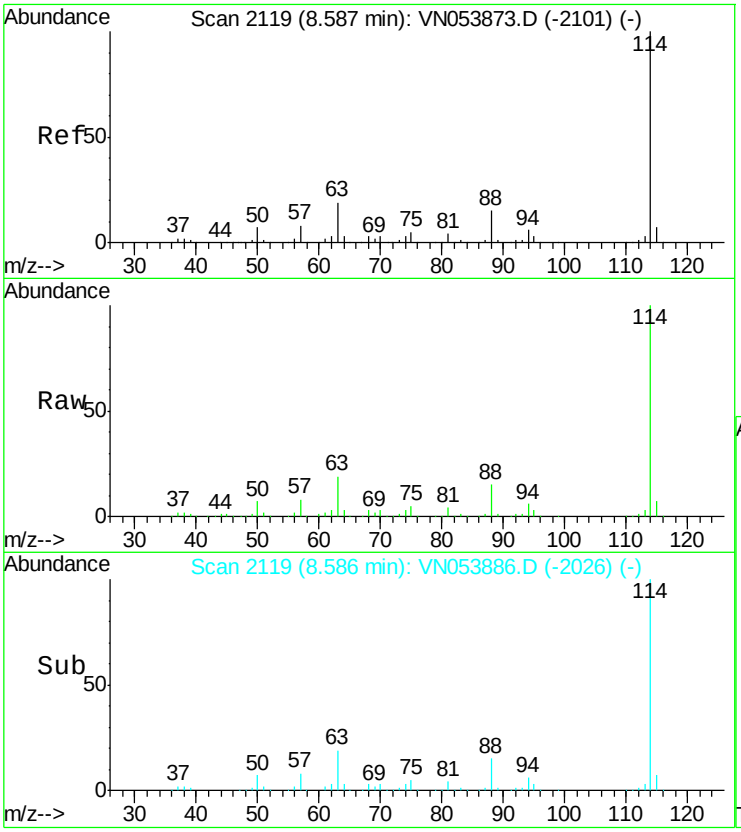


#33
1,2-Dichloroethane-d4
Concen: 52.148 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. -0.00 min
Lab File: VN053886.D
Acq: 21 Feb 2019 12:29

Tgt Ion: 65 Resp: 339899

Ion	Ratio	Lower	Upper
65	100		
67	54.4	0.0	111.8



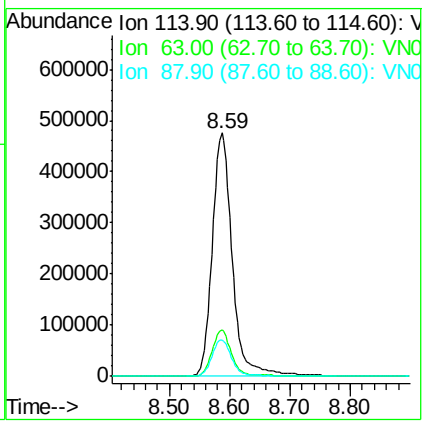


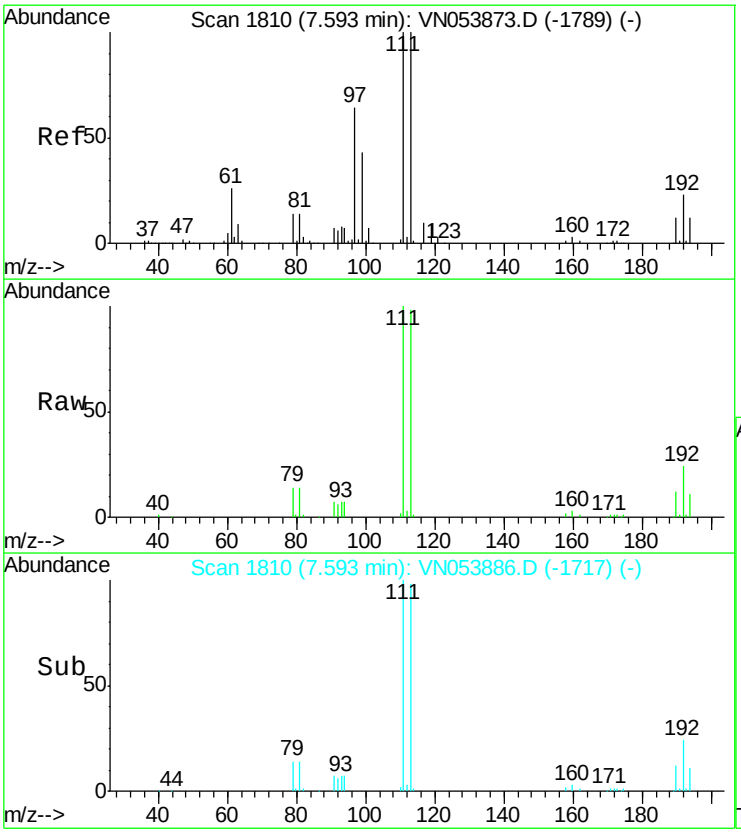
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. -0.00 min
Lab File: VN053886.D
Acq: 21 Feb 2019 12:29

Instrument : MSVOA_N
ClientSampleId : M2-T2-OZ(PRE)

Tgt Ion:114 Resp: 1083099

Ion	Ratio	Lower	Upper
114	100		
63	19.1	0.0	37.4
88	15.0	0.0	30.4

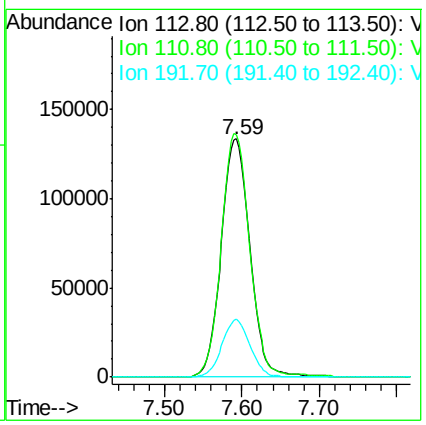


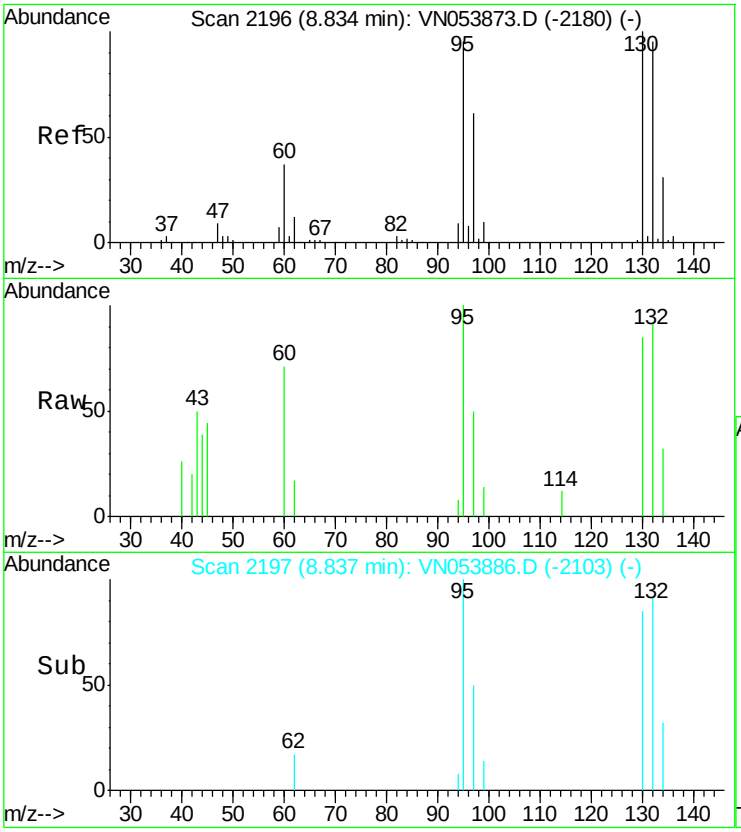


#35
Dibromofluoromethane
Concen: 48.576 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. -0.00 min
Lab File: VN053886.D
Acq: 21 Feb 2019 12:29

Tgt Ion:113 Resp: 345285

Ion	Ratio	Lower	Upper
113	100		
111	100.1	81.1	121.7
192	23.6	18.8	28.2



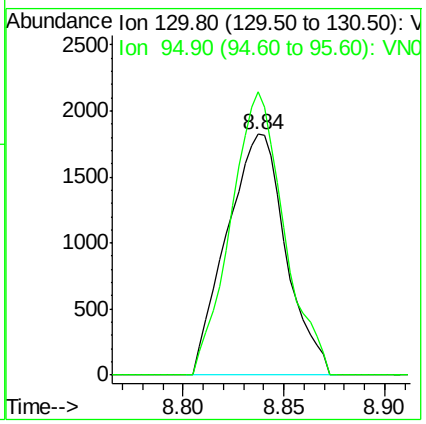


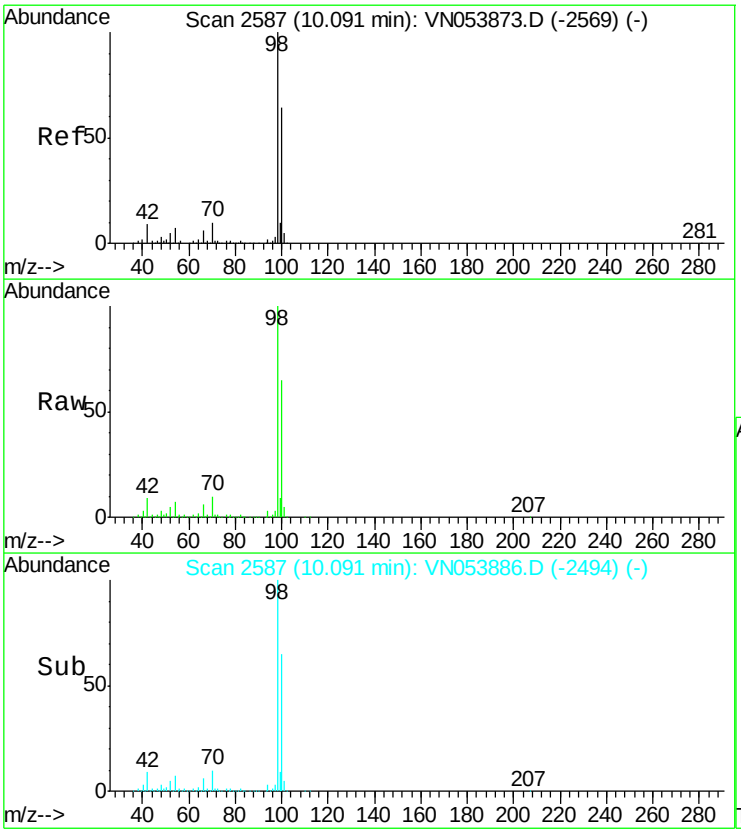
#44
Trichloroethene
Concen: 0.453 ug/l
RT: 8.84 min Scan# 2197
Delta R.T. 0.00 min
Lab File: VN053886.D
Acq: 21 Feb 2019 12:29

Instrument :
MSVOA_N
ClientSampleId :
M2-T2-OZ(PRE)

Tgt Ion:130 Resp: 3722

Ion	Ratio	Lower	Upper
130	100		
95	117.6	0.0	190.0

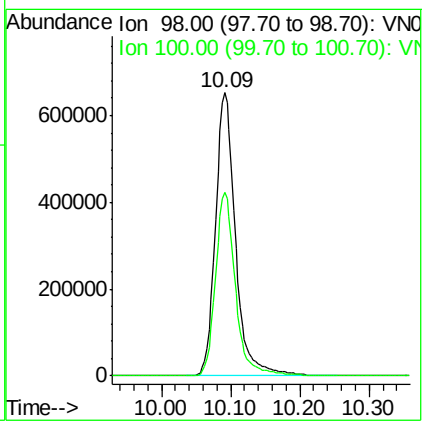


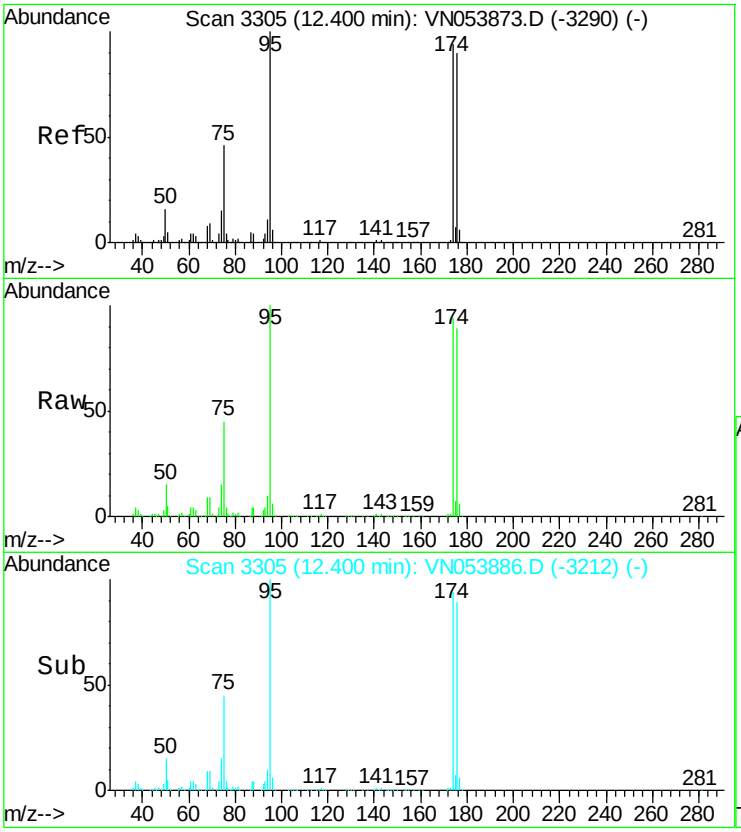


#50
Toluene-d8
Concen: 50.922 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN053886.D
Acq: 21 Feb 2019 12:29

Tgt Ion: 98 Resp: 1307311

Ion	Ratio	Lower	Upper
98	100		
100	64.7	51.9	77.9



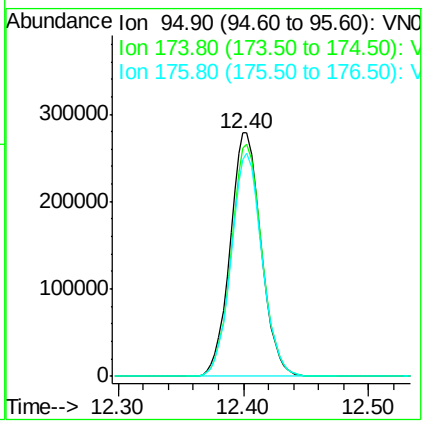


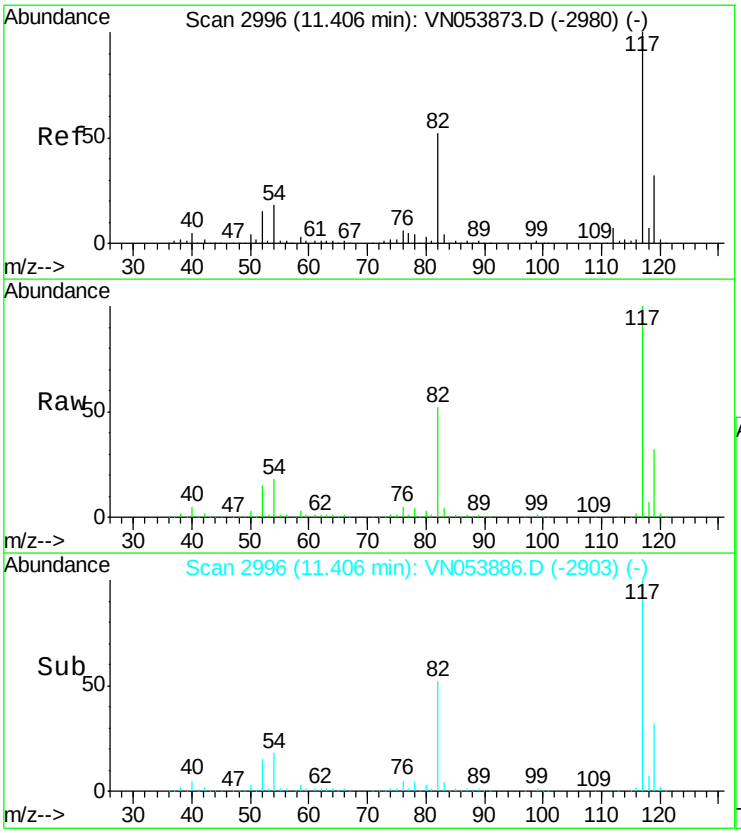
#62
4-Bromofluorobenzene
Concen: 56.229 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN053886.D
Acq: 21 Feb 2019 12:29

Instrument :
MSVOA_N
ClientSampleId :
M2-T2-OZ(PRE)

Tgt Ion: 95 Resp: 476582

Ion	Ratio	Lower	Upper
95	100		
174	94.6	0.0	188.8
176	90.8	0.0	182.6

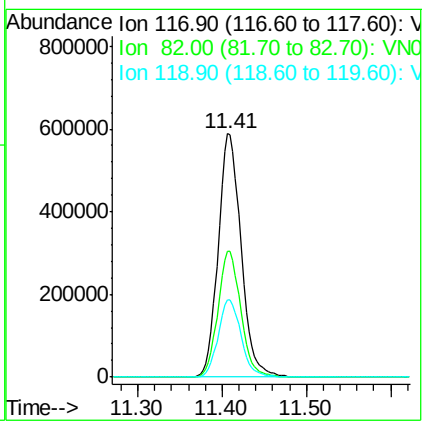


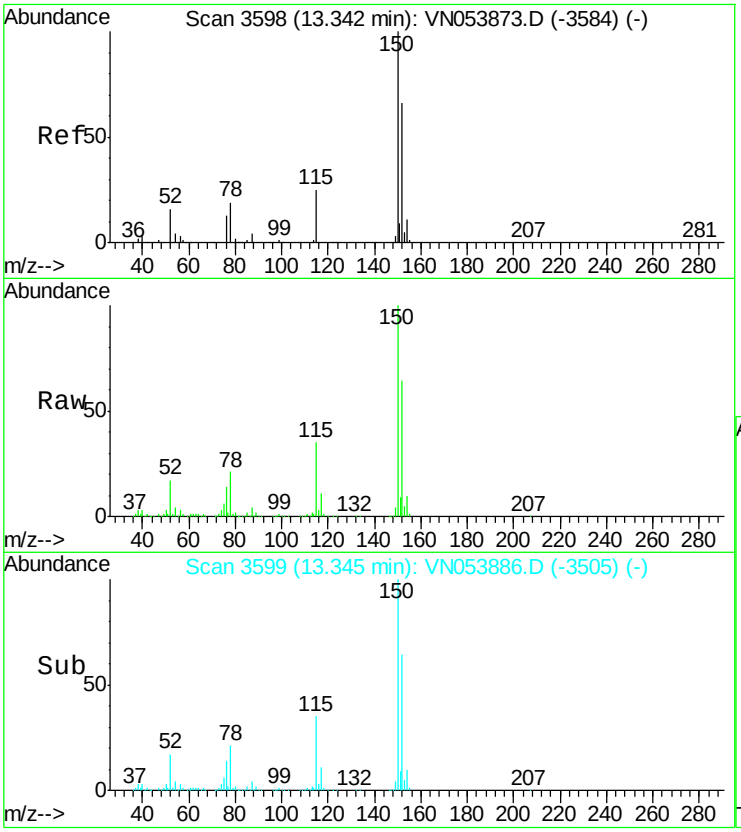


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN053886.D
Acq: 21 Feb 2019 12:29

Tgt Ion:117 Resp: 1108311

Ion	Ratio	Lower	Upper
117	100		
82	51.8	41.4	62.2
119	31.6	25.3	37.9





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN053886.D
Acq: 21 Feb 2019 12:29

Instrument :
MSVOA_N
ClientSampleId :
M2-T2-OZ(PRE)

Tgt Ion:152 Resp: 393598

Ion	Ratio	Lower	Upper
152	100		
115	54.8	27.2	81.6
150	156.4	0.0	348.2