Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN121018\
Data File : VN052783.D
Acq On : 11 Dec 2018 5:51
Operator : MD\SY
Sample : J6316-04
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 47 Sample Multiplier: 28

Instrument : MSVOA_N
ClientSampleId : BORING-SAMPLE-SIGNAL-TOWER-

Quant Time: Dec 11 06:42:41 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112718W.M
Quant Title : SW846 8260
QLast Update : Mon Dec 03 03:24:02 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1203445	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1870130	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1668680	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	696079	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	629802	48.06	ug/l	0.00
Spiked Amount 50.000			Recovery = 96.12%			
35) Dibromofluoromethane	7.59	113	543739	47.16	ug/l	0.00
Spiked Amount 50.000			Recovery = 94.32%			
50) Toluene-d8	10.09	98	2300455	51.26	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.52%			
62) 4-Bromofluorobenzene	12.40	95	743532	49.30	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.60%			
Target Compounds						Qvalue
16) Acetone	3.82	43	36845	10.661	ug/l	99
20) Methylene Chloride	4.55	84	31908	2.359	ug/l	93
25) 2-Butanone	6.84	43	9652	1.970	ug/l	98
43) Isopropyl Acetate	8.17	43	68916	3.778	ug/l #	77

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

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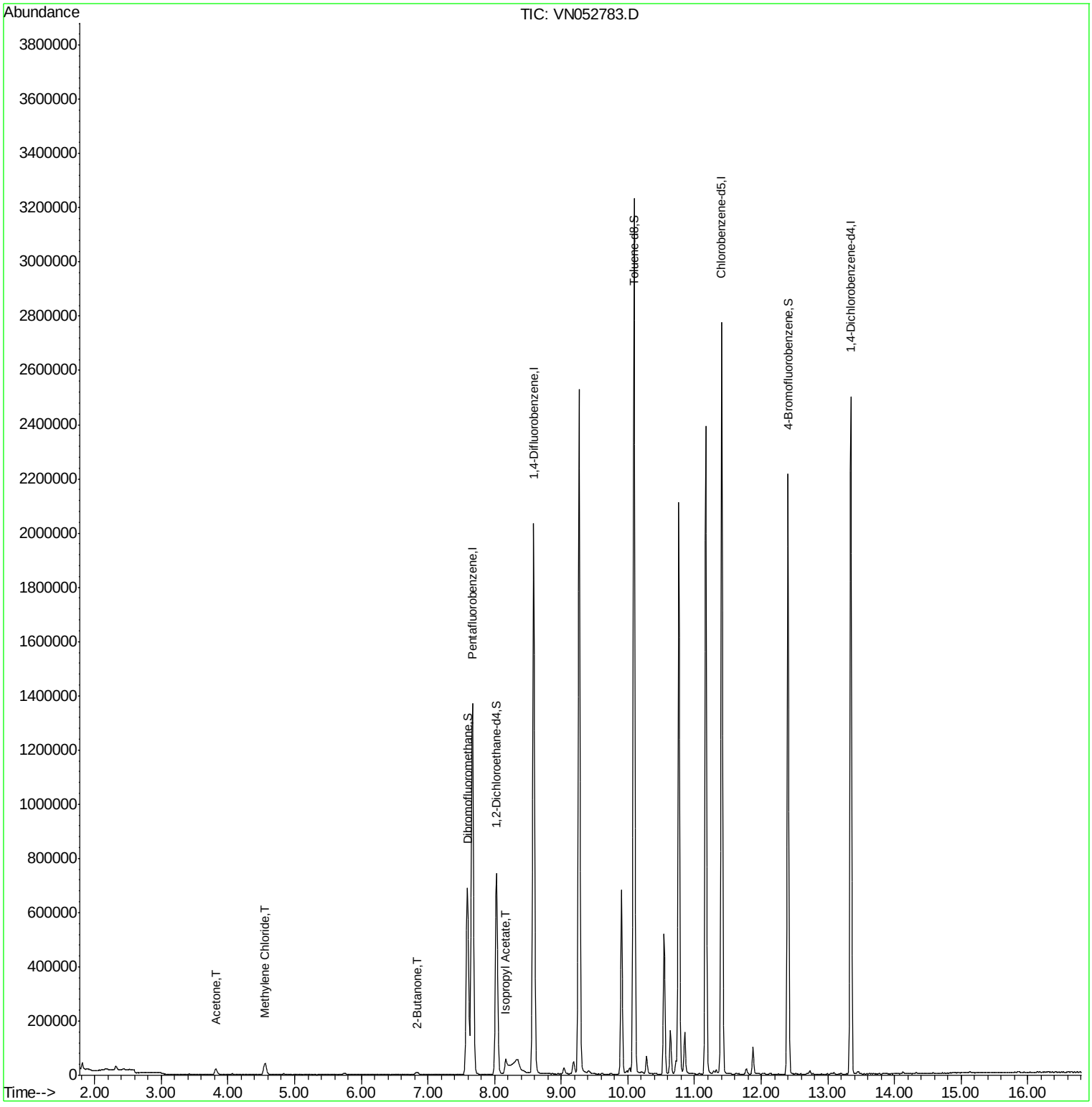
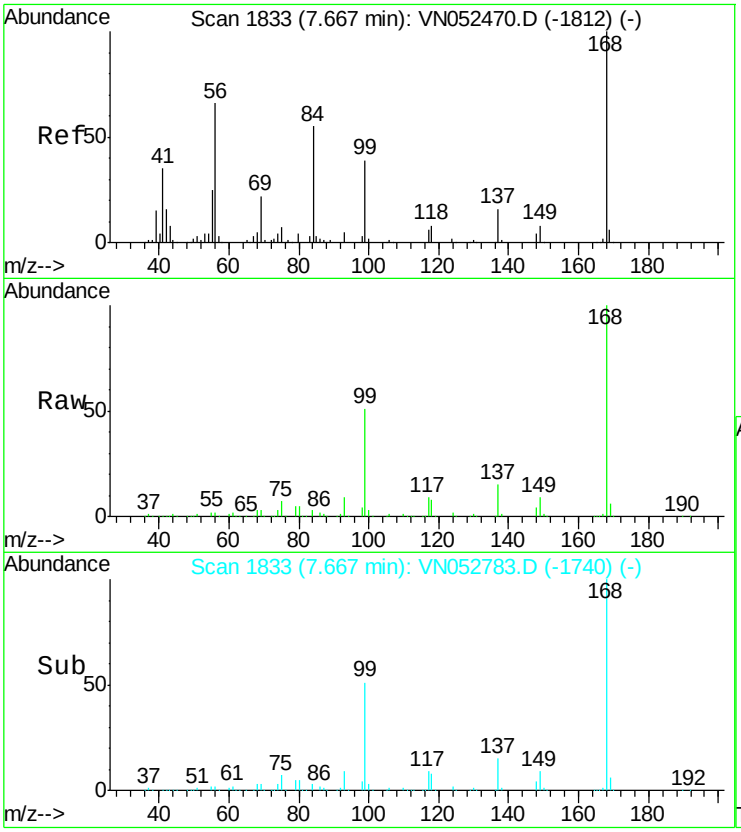
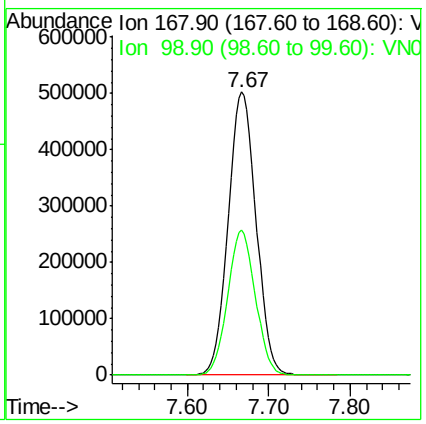




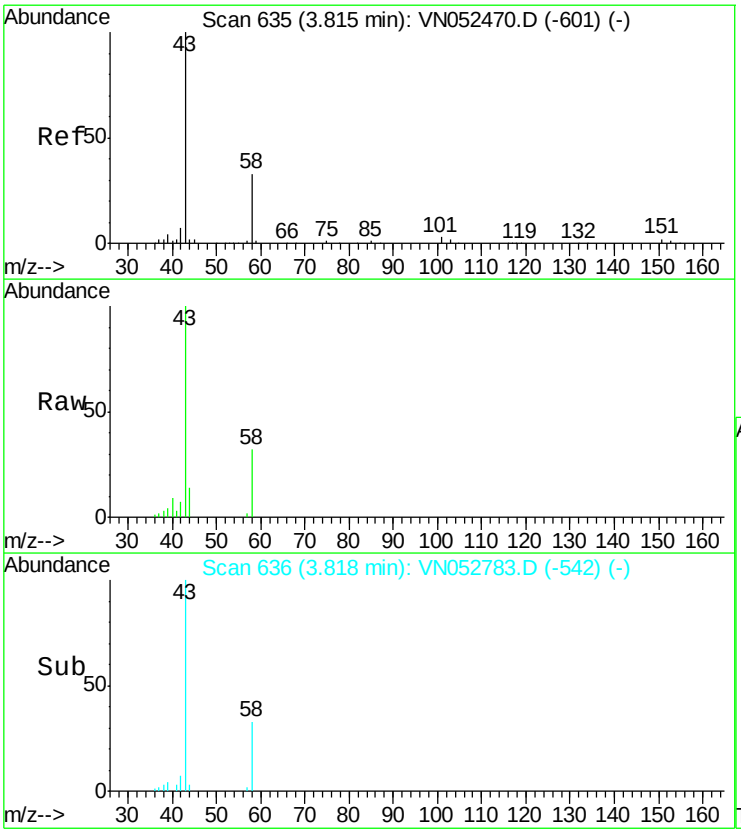
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.00 min
Lab File: VN052783.D
Acq: 11 Dec 2018 5:51

Tgt Ion:168 Resp: 1203445

Ion	Ratio	Lower	Upper
168	100		
99	51.2	41.7	62.5



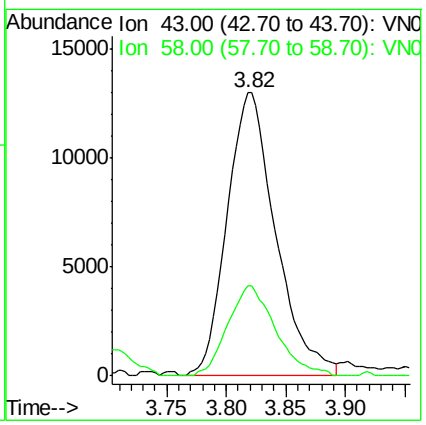
Instrument :
MSVOA_N
ClientSampleId :
BORING-SAMPLE-SIGNAL-TOWER-

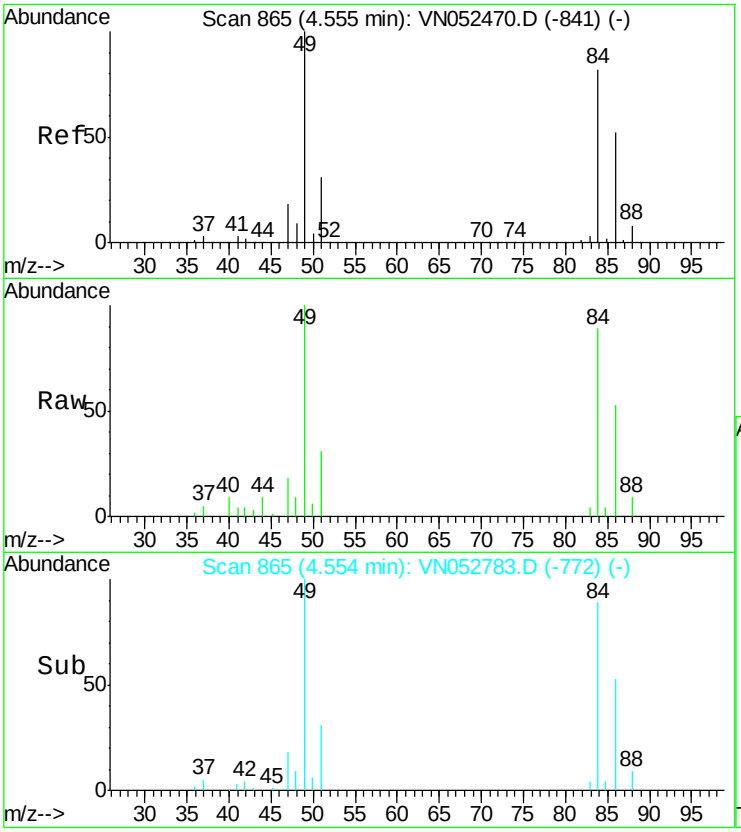


#16
Acetone
Concen: 10.661 ug/l
RT: 3.82 min Scan# 636
Delta R.T. 0.00 min
Lab File: VN052783.D
Acq: 11 Dec 2018 5:51

Tgt Ion: 43 Resp: 36845

Ion	Ratio	Lower	Upper
43	100		
58	31.9	26.0	39.0



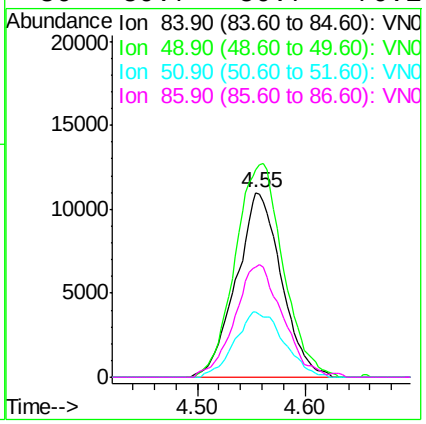


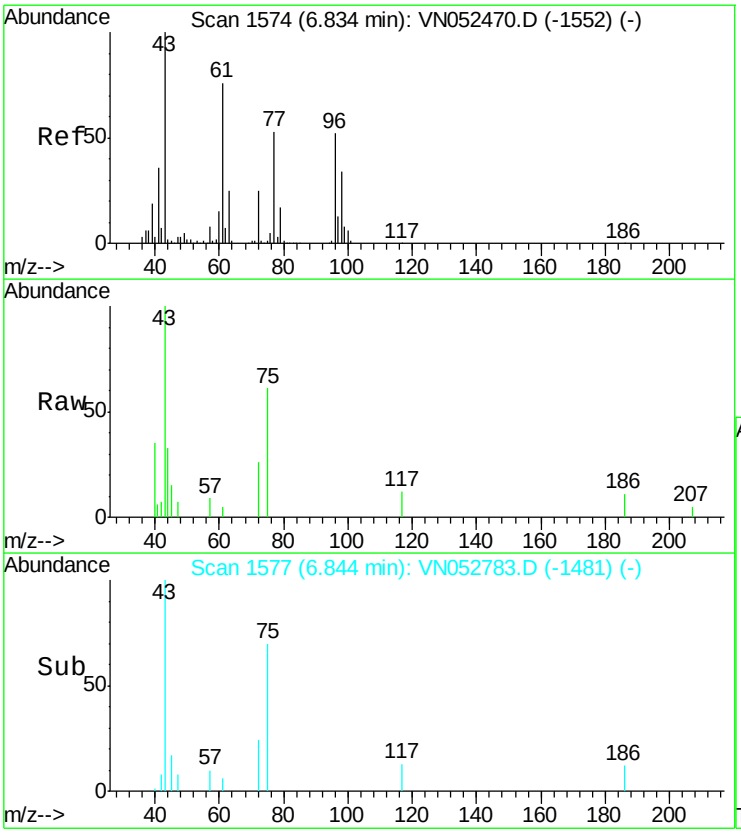
#20
Methylene Chloride
Concen: 2.359 ug/l
RT: 4.55 min Scan# 865
Delta R.T. -0.00 min
Lab File: VN052783.D
Acq: 11 Dec 2018 5:51

Instrument : MSVOA_N
ClientSampleId : BORING-SAMPLE-SIGNAL-TOWER-

Tgt Ion: 84 Resp: 31908

Ion	Ratio	Lower	Upper
84	100		
49	112.1	98.0	147.0
51	35.1	30.1	45.1
86	59.7	50.7	76.1

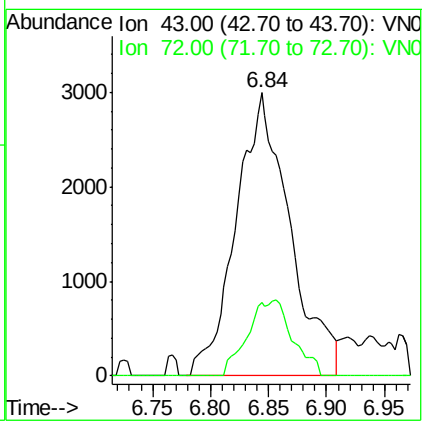


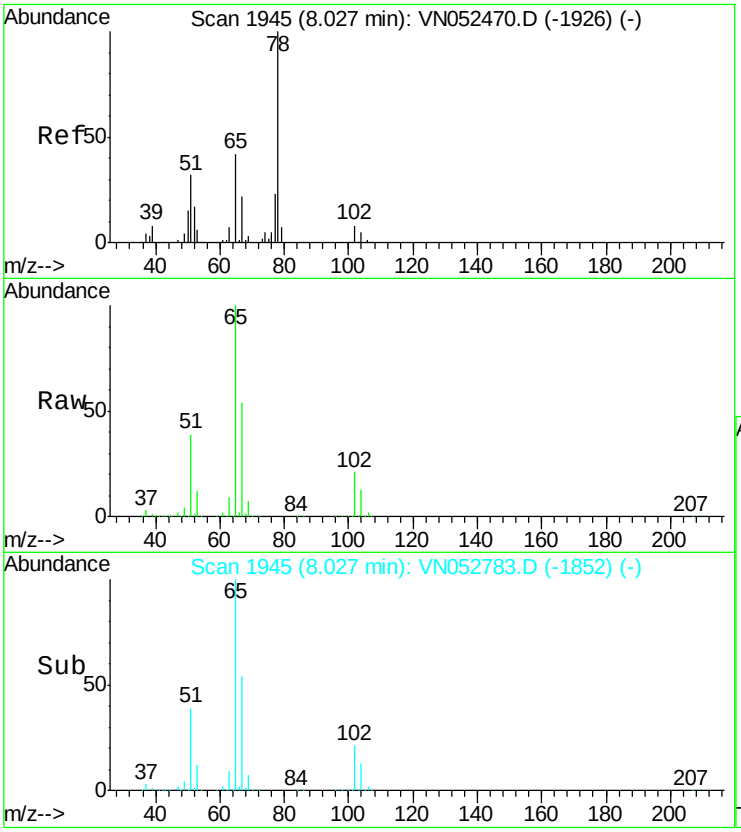


#25
2-Butanone
Concen: 1.970 ug/l
RT: 6.84 min Scan# 1577
Delta R.T. 0.01 min
Lab File: VN052783.D
Acq: 11 Dec 2018 5:51

Tgt Ion: 43 Resp: 9652

Ion	Ratio	Lower	Upper
43	100		
72	25.9	20.1	30.1



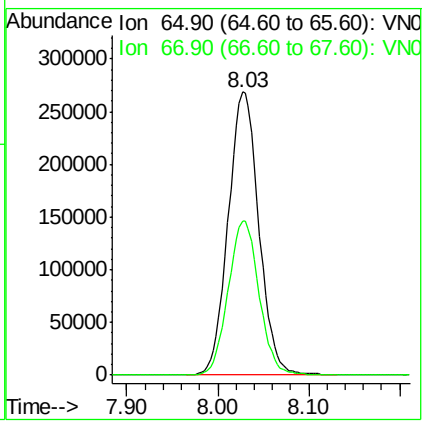


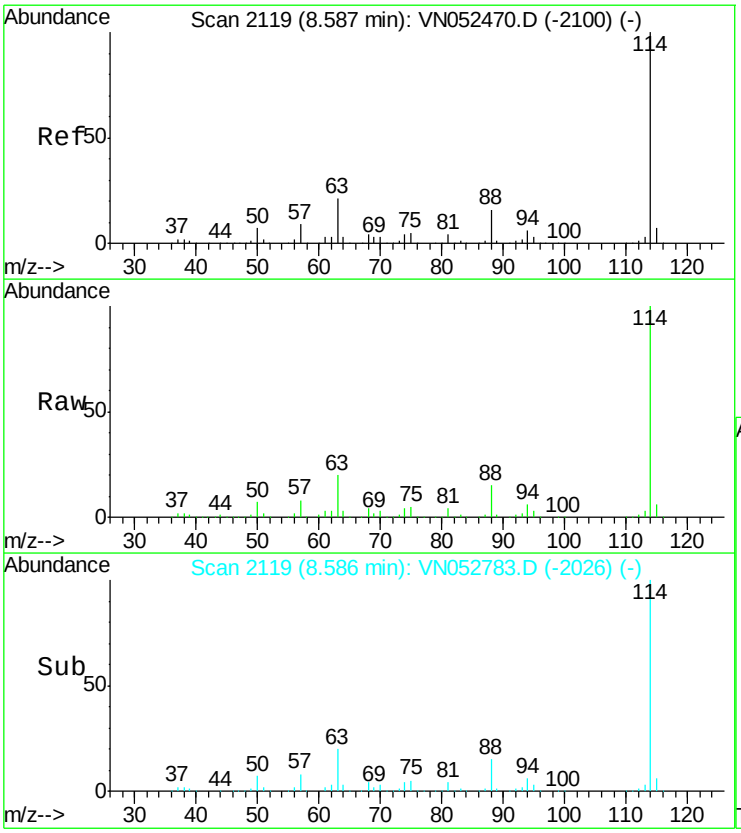
#33
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 8.03 min Scan# 1945
Delta R.T. -0.00 min
Lab File: VN052783.D
Acq: 11 Dec 2018 5:51

Instrument :
MSVOA_N
ClientSampleId :
BORING-SAMPLE-SIGNAL-TOWER-

Tgt Ion: 65 Resp: 629802

Ion	Ratio	Lower	Upper
65	100		
67	54.9	0.0	109.8

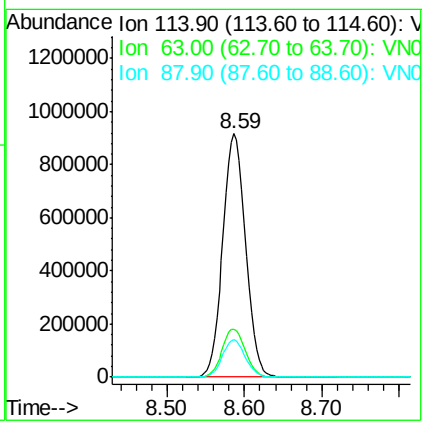


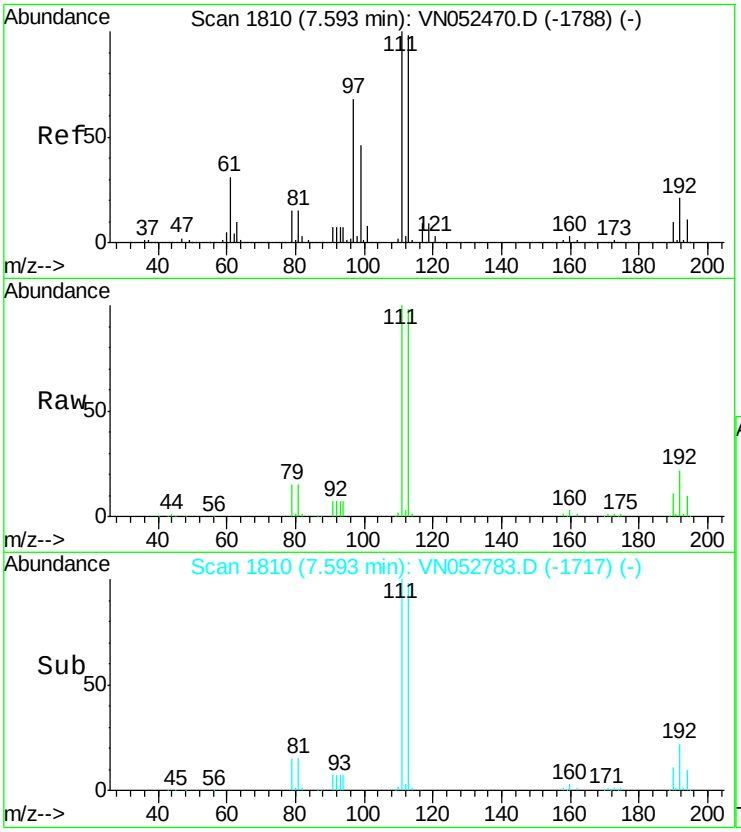


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. -0.00 min
Lab File: VN052783.D
Acq: 11 Dec 2018 5:51

Tgt Ion:114 Resp: 1870130

Ion	Ratio	Lower	Upper
114	100		
63	19.7	0.0	41.8
88	15.2	0.0	31.6



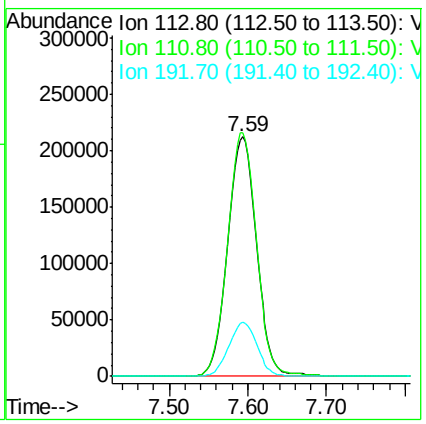


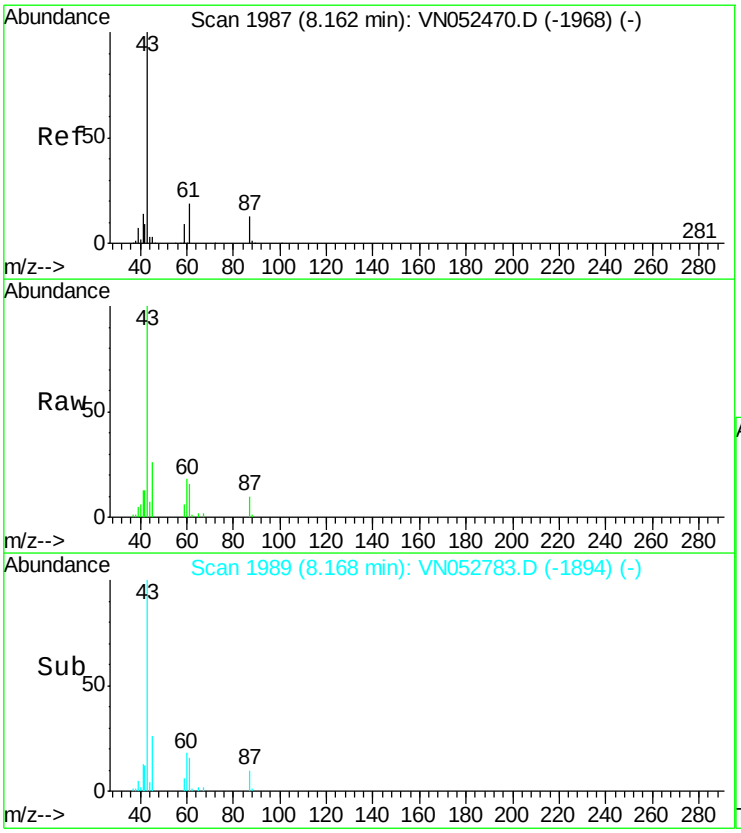
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. -0.00 min
Lab File: VN052783.D
Acq: 11 Dec 2018 5:51

Instrument :
MSVOA_N
ClientSampleId :
BORING-SAMPLE-SIGNAL-TOWER-

Tgt Ion:113 Resp: 543739

Ion	Ratio	Lower	Upper
113	100		
111	101.7	82.0	123.0
192	22.2	17.0	25.6

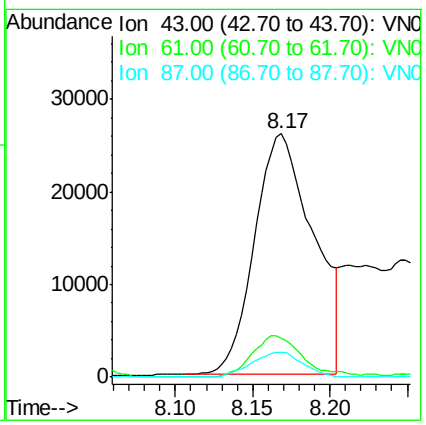


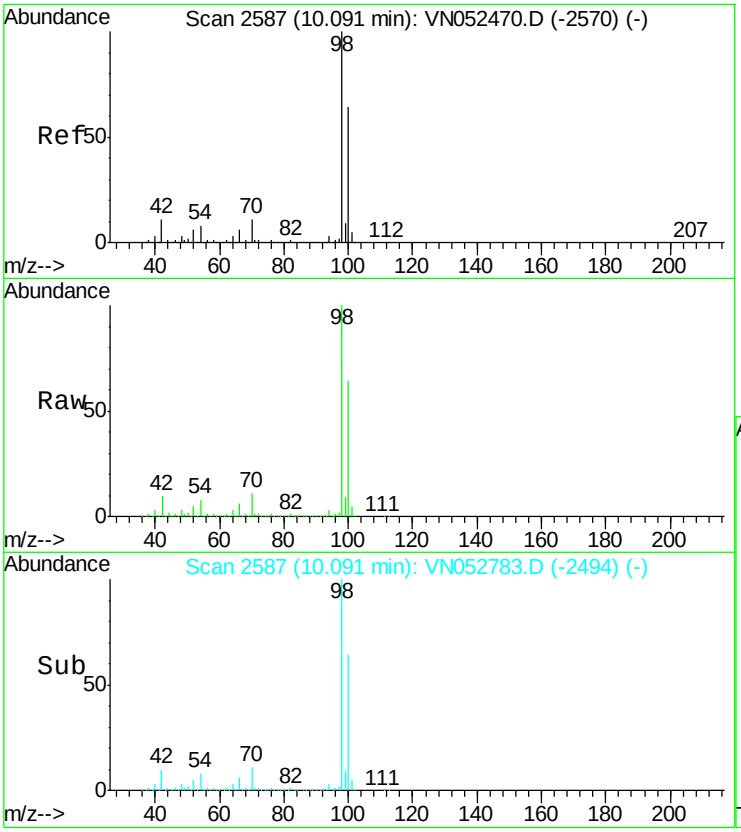


#43
Isopropyl Acetate
Concen: 3.778 ug/l
RT: 8.17 min Scan# 1989
Delta R.T. 0.01 min
Lab File: VN052783.D
Acq: 11 Dec 2018 5:51

Tgt Ion: 43 Resp: 68916

Ion	Ratio	Lower	Upper
43	100		
61	14.8	24.1	36.1#
87	8.8	10.6	15.8#



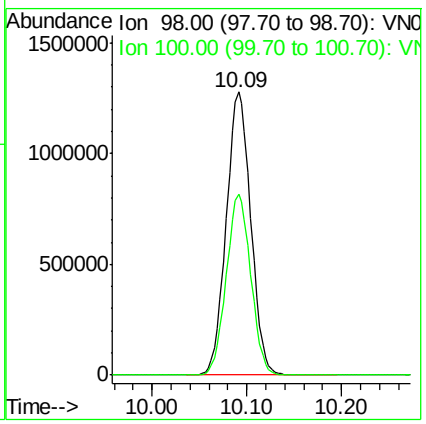


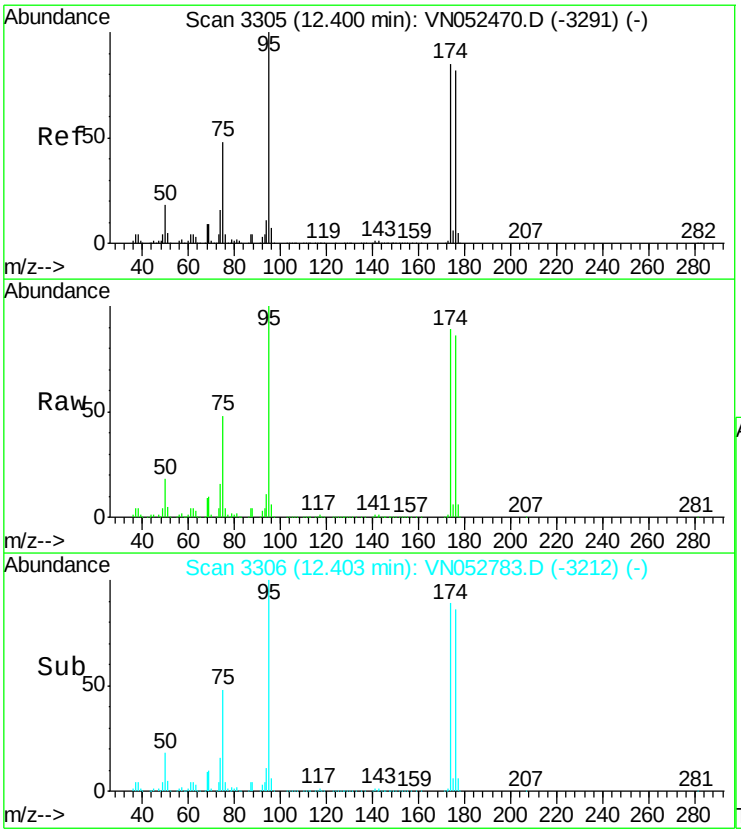
#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN052783.D
Acq: 11 Dec 2018 5:51

Instrument :
MSVOA_N
ClientSampleId :
BORING-SAMPLE-SIGNAL-TOWER-

Tgt Ion: 98 Resp: 2300455

Ion	Ratio	Lower	Upper
98	100		
100	63.8	51.3	76.9

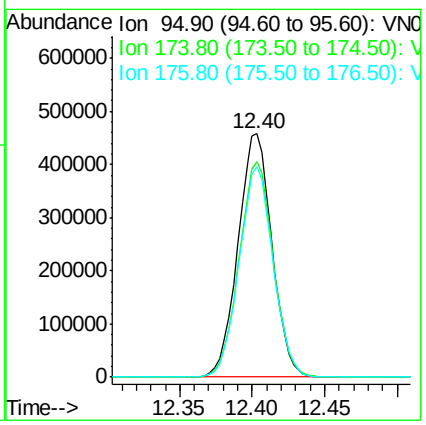


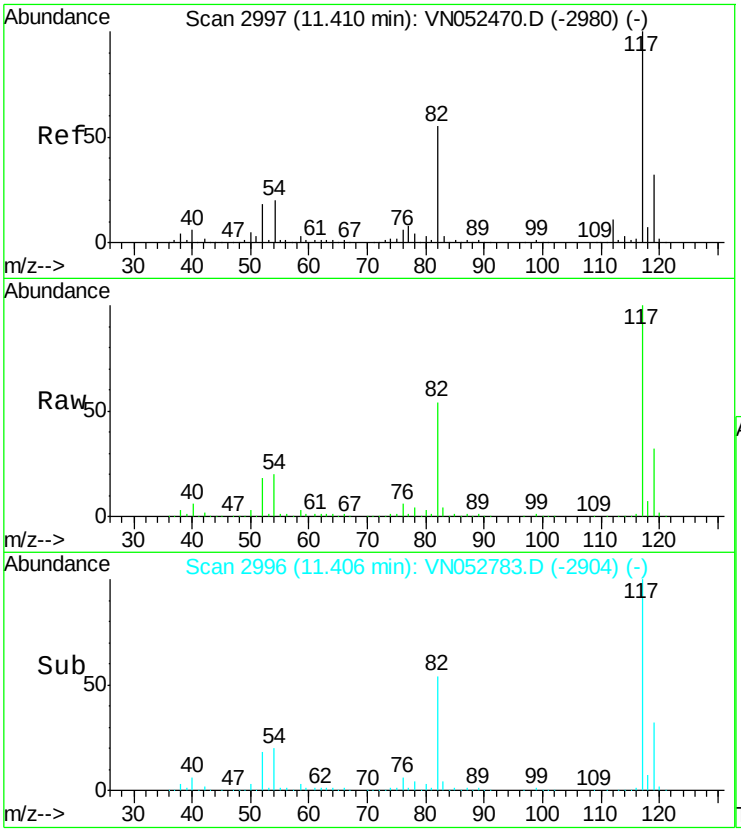


#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN052783.D
Acq: 11 Dec 2018 5:51

Tgt Ion: 95 Resp: 743532

Ion	Ratio	Lower	Upper
95	100		
174	89.4	0.0	173.0
176	86.5	0.0	166.2



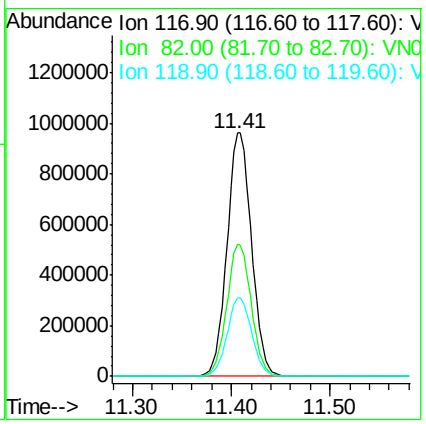


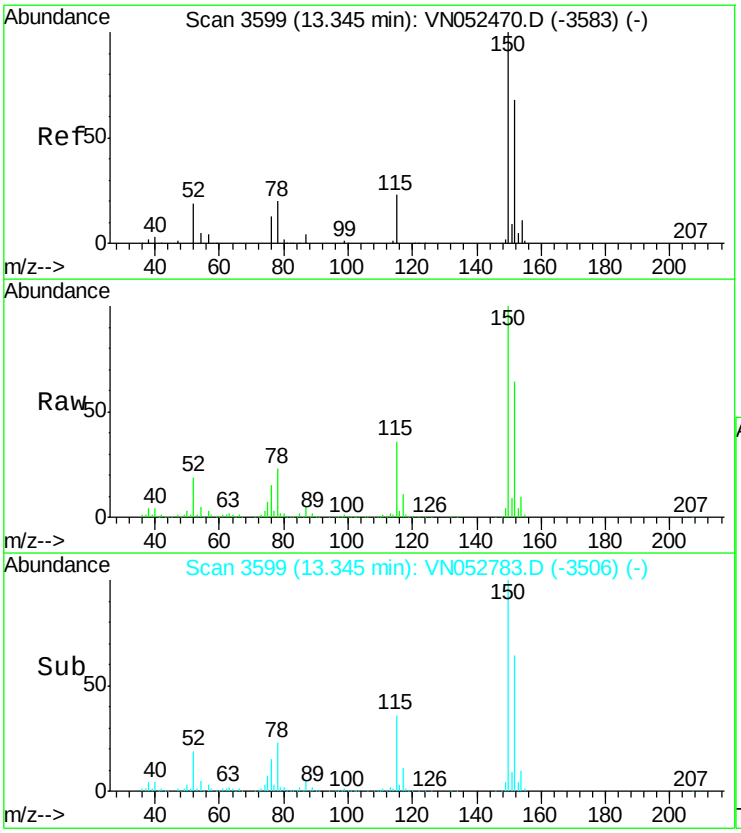
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN052783.D
Acq: 11 Dec 2018 5:51

Instrument :
MSVOA_N
ClientSampleId :
BORING-SAMPLE-SIGNAL-TOWER-

Tgt Ion:117 Resp: 1668680

Ion	Ratio	Lower	Upper
117	100		
82	54.4	43.6	65.4
119	32.2	25.4	38.2





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. -0.00 min
Lab File: VN052783.D
Acq: 11 Dec 2018 5:51

Tgt Ion:152 Resp: 696079

Ion	Ratio	Lower	Upper
152	100		
115	56.7	28.4	85.2
150	156.6	0.0	346.0