Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN092019\
Data File : VN058245.D
Acq On : 20 Sep 2019 13:25
Operator : JC/SP
Sample : K4974-01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : TB03-20190916

Quant Time: Sep 23 04:18:28 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091819W.M
Quant Title : SW846 8260
QLast Update : Thu Sep 19 09:27:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	505584	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	818871	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	694293	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	270879	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	366433	52.04	ug/l	0.00
Spiked Amount 50.000			Recovery = 104.08%			
35) Dibromofluoromethane	7.57	113	252132	50.65	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.30%			
50) Toluene-d8	10.08	98	1031959	53.21	ug/l	0.00
Spiked Amount 50.000			Recovery = 106.42%			
62) 4-Bromofluorobenzene	12.40	95	323101	44.85	ug/l	0.00
Spiked Amount 50.000			Recovery = 89.70%			
Target Compounds						Qvalue
16) Acetone	3.80	43	26393	11.042	ug/l	94
18) Methyl Acetate	4.30	43	29112	4.629	ug/l	97
20) Methylene Chloride	4.52	84	6092	1.239	ug/l	94
95) Naphthalene	15.14	128	5213	0.403	ug/l	99

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

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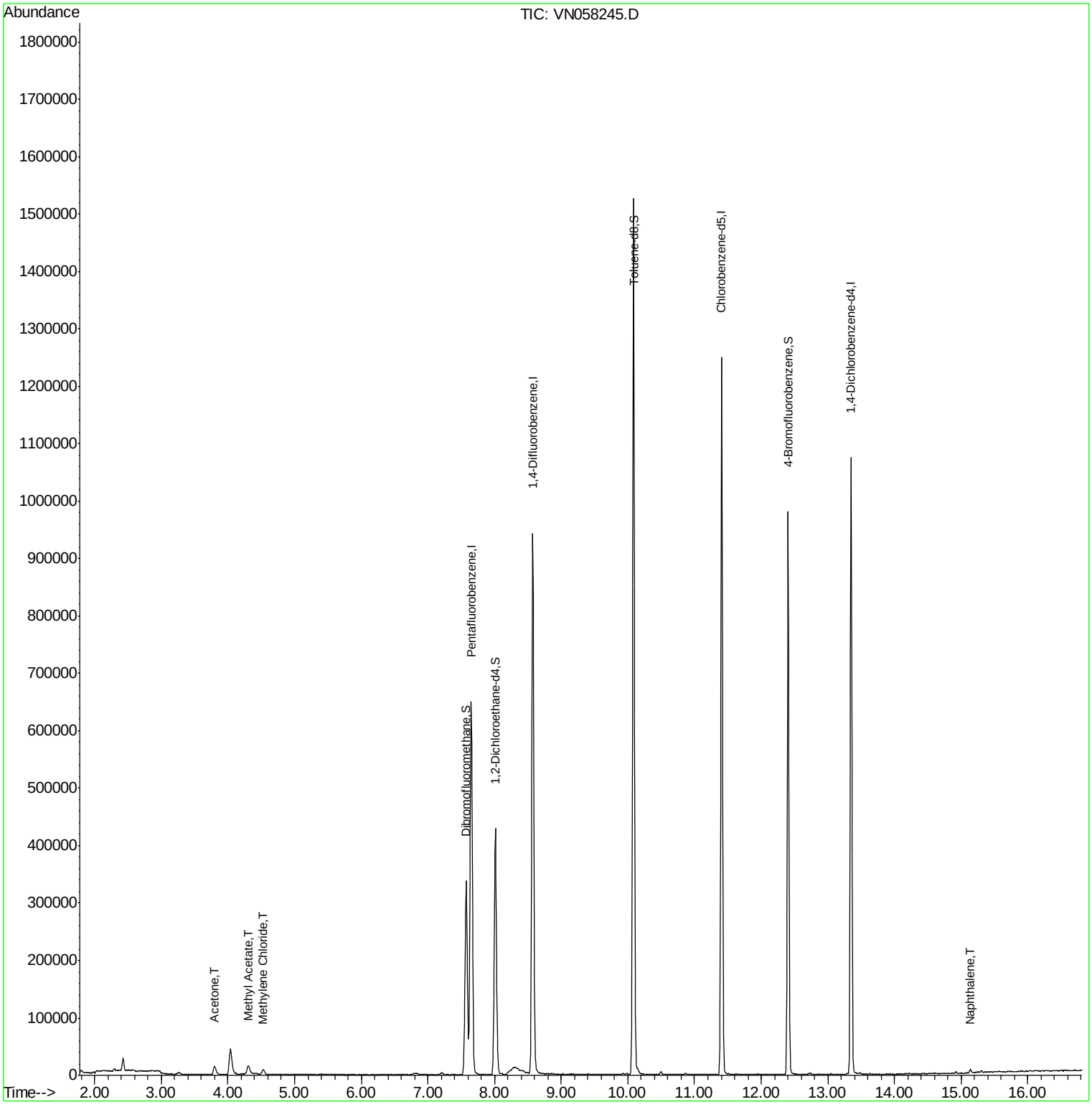
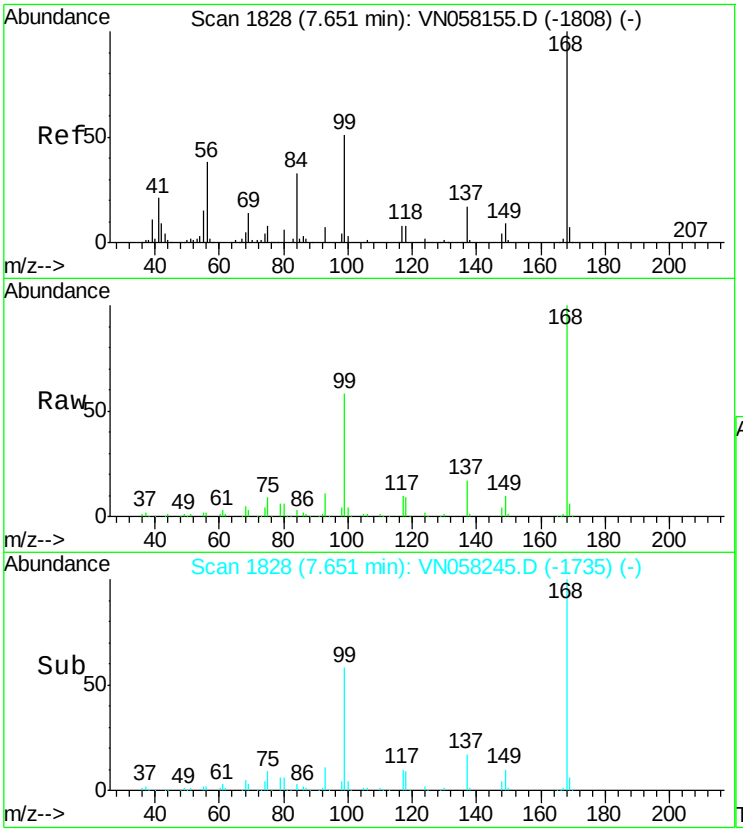


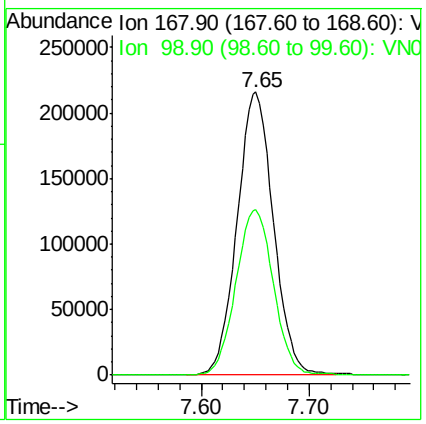


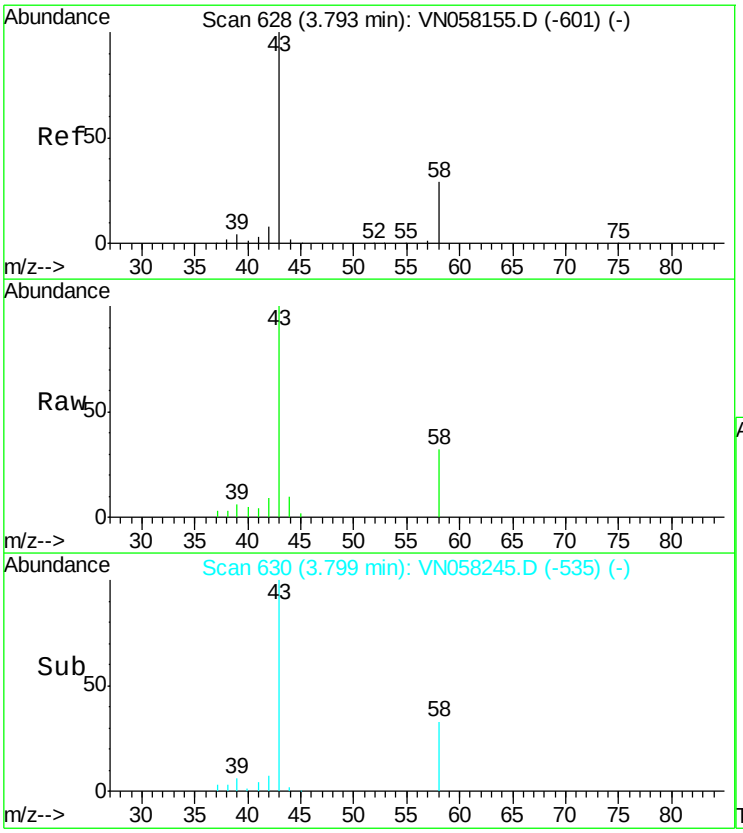
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.65 min Scan# 1828
Delta R.T. -0.00 min
Lab File: VN058245.D
Acq: 20 Sep 2019 13:25

Instrument :
MSVOA_N
ClientSampleId :
TB03-20190916

Tgt Ion:168 Resp: 505584

Ion	Ratio	Lower	Upper
168	100		
99	58.3	47.4	71.2

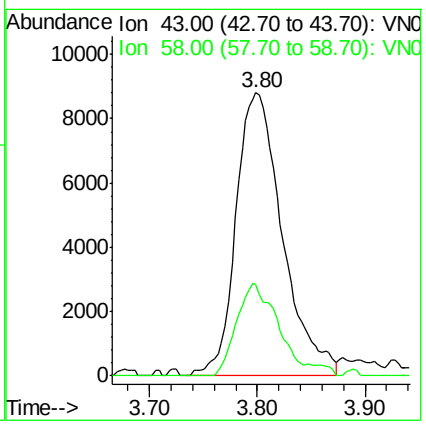


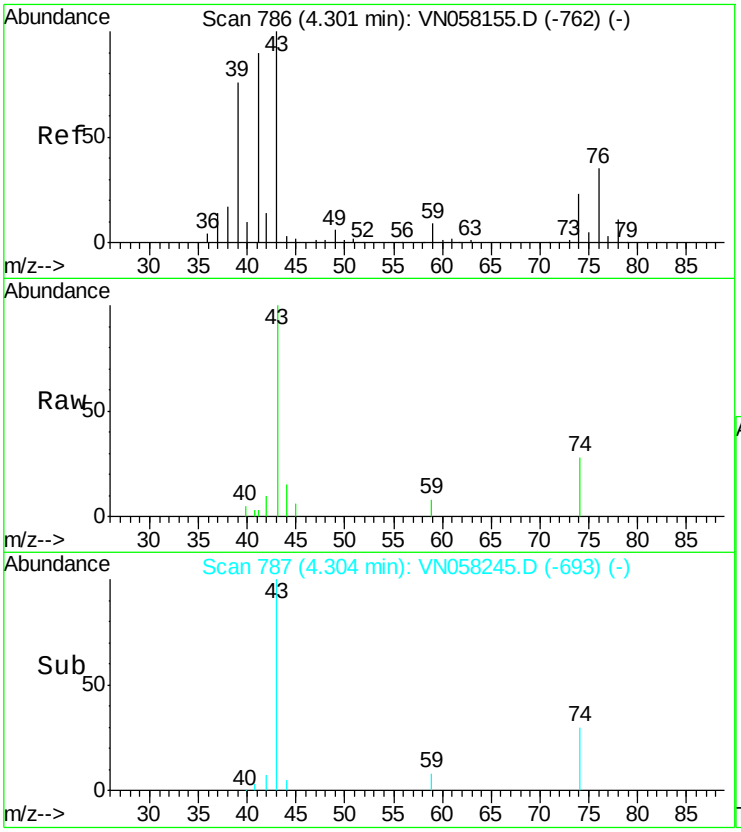


#16
Acetone
Concen: 11.042 ug/l
RT: 3.80 min Scan# 630
Delta R.T. 0.01 min
Lab File: VN058245.D
Acq: 20 Sep 2019 13:25

Tgt Ion: 43 Resp: 26393

Ion	Ratio	Lower	Upper
43	100		
58	32.3	23.4	35.2



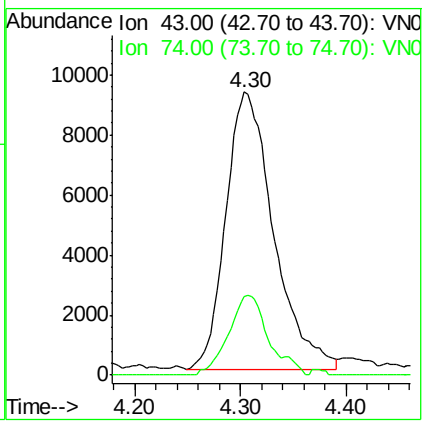


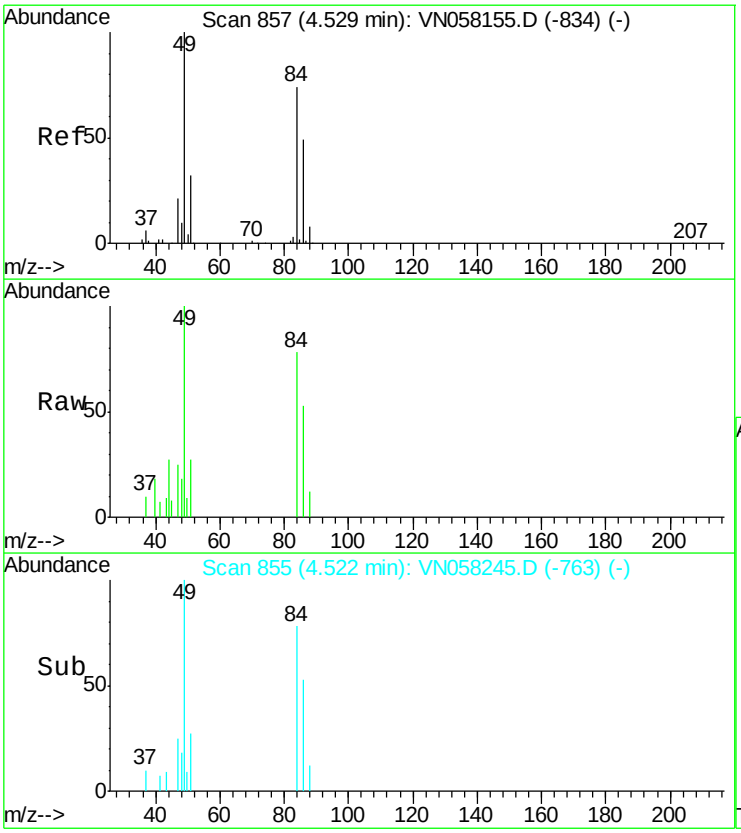
#18
Methyl Acetate
Concen: 4.629 ug/l
RT: 4.30 min Scan# 787
Delta R.T. 0.00 min
Lab File: VN058245.D
Acq: 20 Sep 2019 13:25

Instrument : MSVOA_N
ClientSampleId : TB03-20190916

Tgt Ion: 43 Resp: 29112

Ion	Ratio	Lower	Upper
43	100		
74	23.9	18.0	27.0

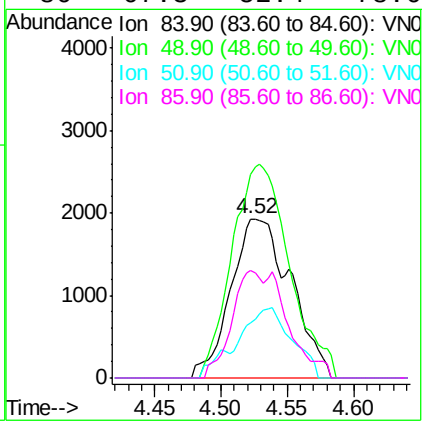


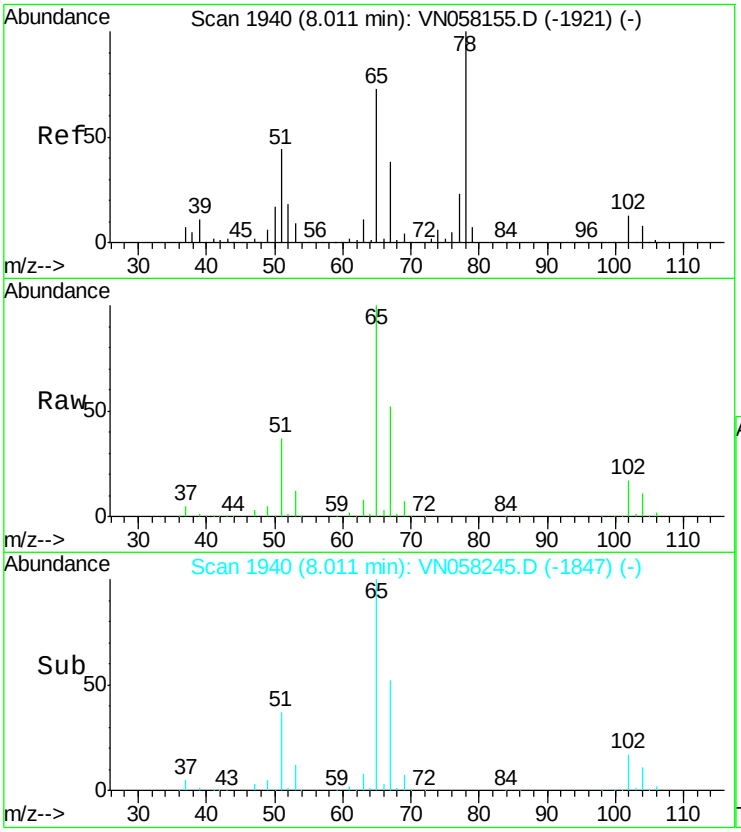


#20
Methylene Chloride
Concen: 1.239 ug/l
RT: 4.52 min Scan# 855
Delta R.T. -0.01 min
Lab File: VN058245.D
Acq: 20 Sep 2019 13:25

Tgt Ion: 84 Resp: 6092

Ion	Ratio	Lower	Upper
84	100		
49	128.0	107.5	161.3
51	34.8	33.9	50.9
86	67.3	52.4	78.6



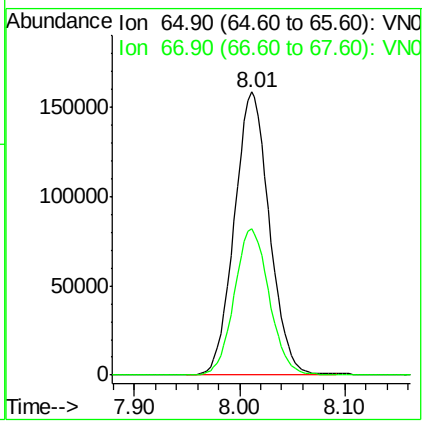


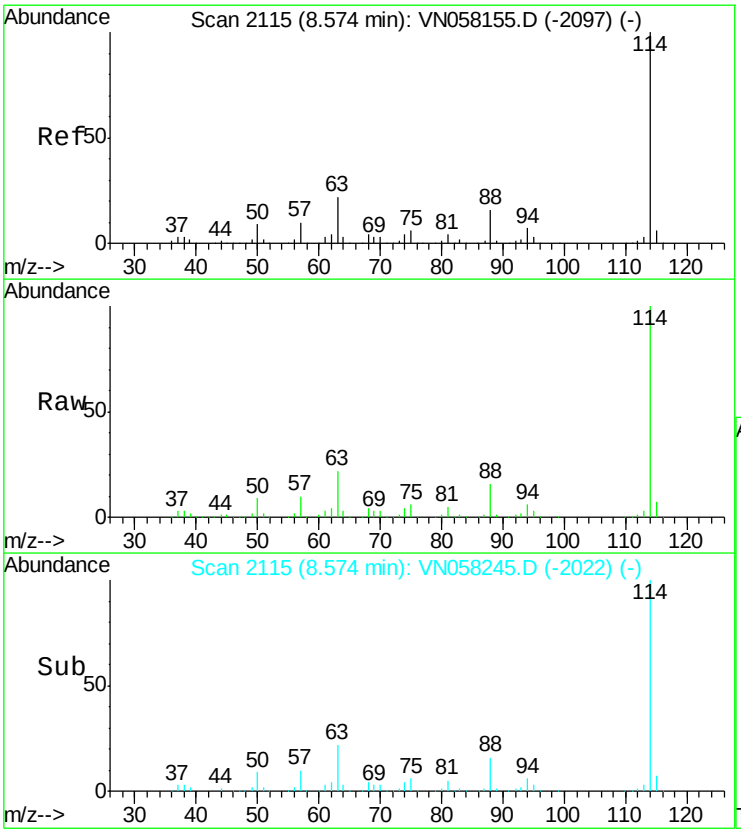
#33
1,2-Dichloroethane-d4
Concen: 52.037 ug/l
RT: 8.01 min Scan# 1940
Delta R.T. -0.00 min
Lab File: VN058245.D
Acq: 20 Sep 2019 13:25

Instrument : MSVOA_N
ClientSampleId : TB03-20190916

Tgt Ion: 65 Resp: 366433

Ion	Ratio	Lower	Upper
65	100		
67	51.5	0.0	103.4

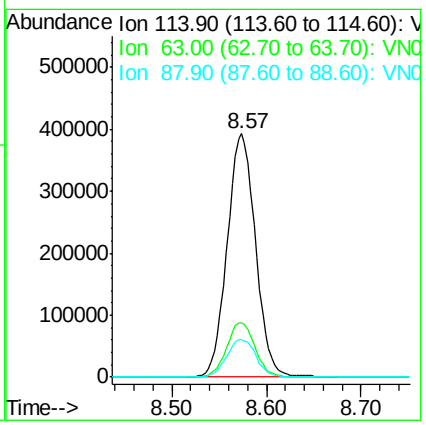


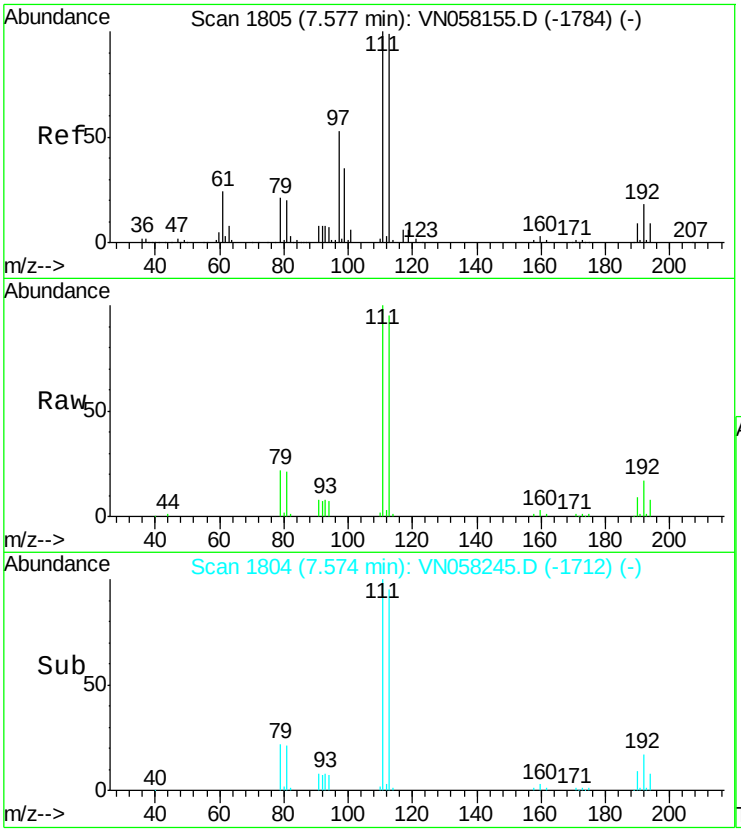


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.57 min Scan# 2115
Delta R.T. -0.00 min
Lab File: VN058245.D
Acq: 20 Sep 2019 13:25

Tgt Ion:114 Resp: 818871

Ion	Ratio	Lower	Upper
114	100		
63	22.4	0.0	44.2
88	15.6	0.0	31.6



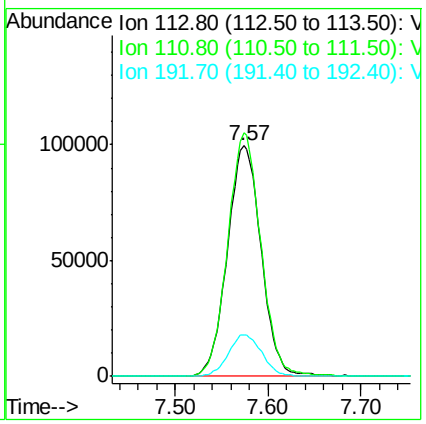


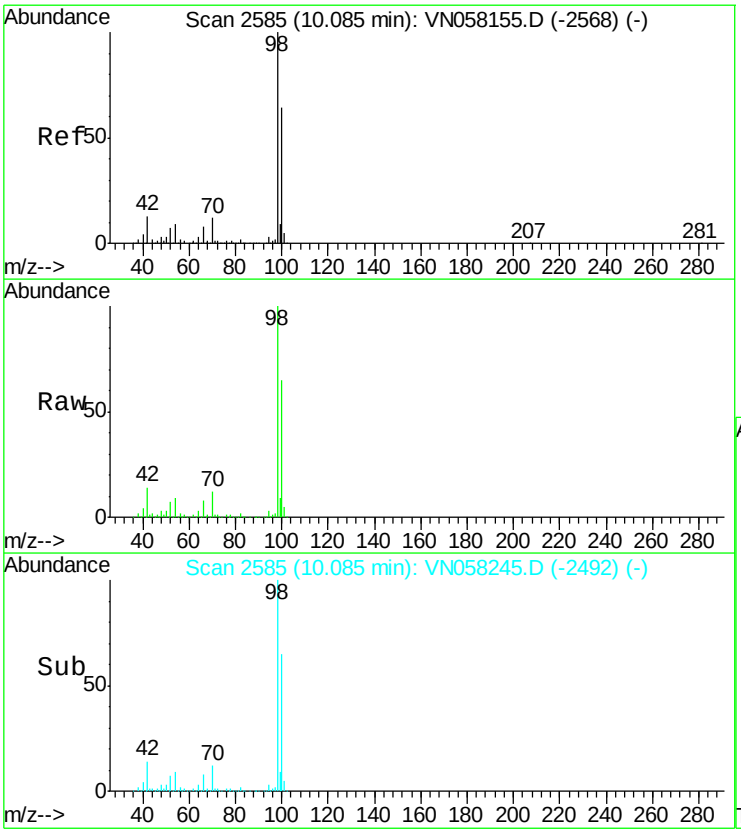
#35
Dibromofluoromethane
Concen: 50.649 ug/l
RT: 7.57 min Scan# 1804
Delta R.T. -0.00 min
Lab File: VN058245.D
Acq: 20 Sep 2019 13:25

Instrument :
MSVOA_N
ClientSampleId :
TB03-20190916

Tgt Ion:113 Resp: 252132

Ion	Ratio	Lower	Upper
113	100		
111	103.6	81.8	122.6
192	17.9	14.5	21.7

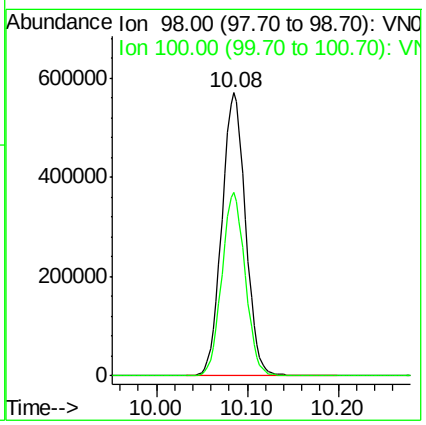


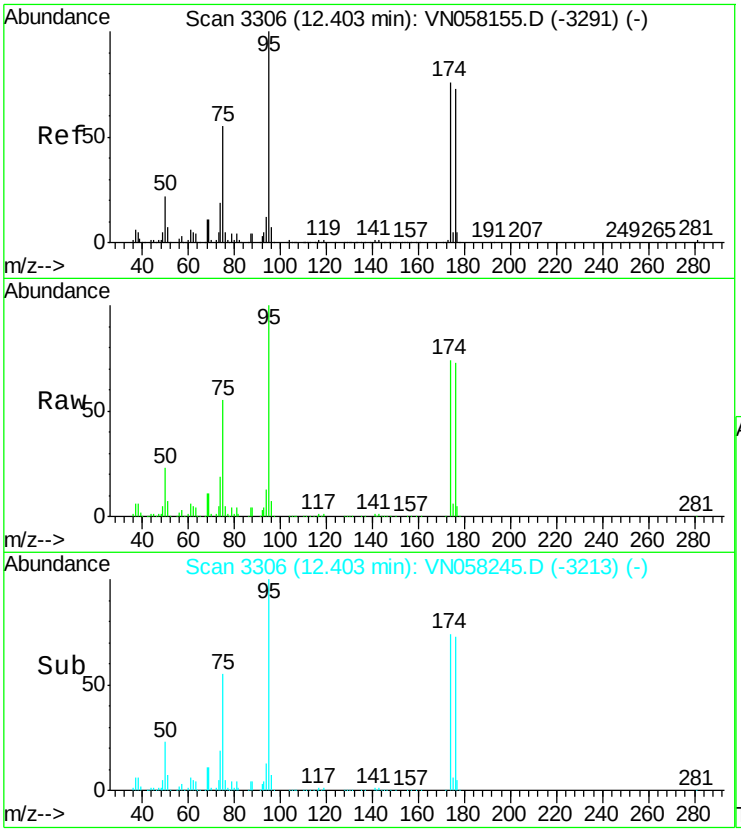


#50
Toluene-d8
Concen: 53.206 ug/l
RT: 10.08 min Scan# 2585
Delta R.T. -0.00 min
Lab File: VN058245.D
Acq: 20 Sep 2019 13:25

Tgt Ion: 98 Resp: 1031959

Ion	Ratio	Lower	Upper
98	100		
100	63.8	51.1	76.7



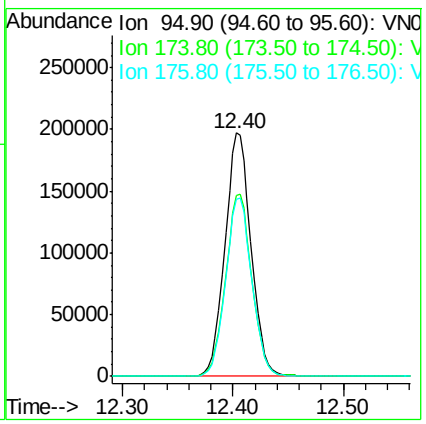


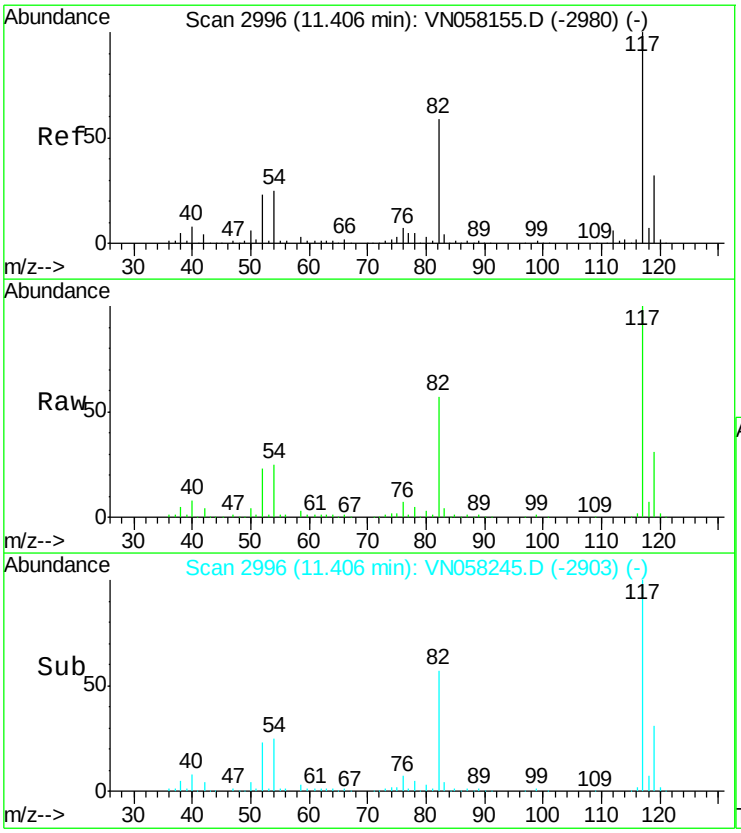
#62
4-Bromofluorobenzene
Concen: 44.846 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. -0.00 min
Lab File: VN058245.D
Acq: 20 Sep 2019 13:25

Instrument :
MSVOA_N
ClientSampleId :
TB03-20190916

Tgt Ion: 95 Resp: 323101

Ion	Ratio	Lower	Upper
95	100		
174	75.3	0.0	152.2
176	73.5	0.0	148.0

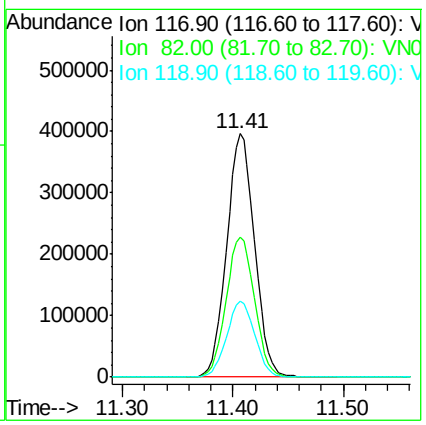


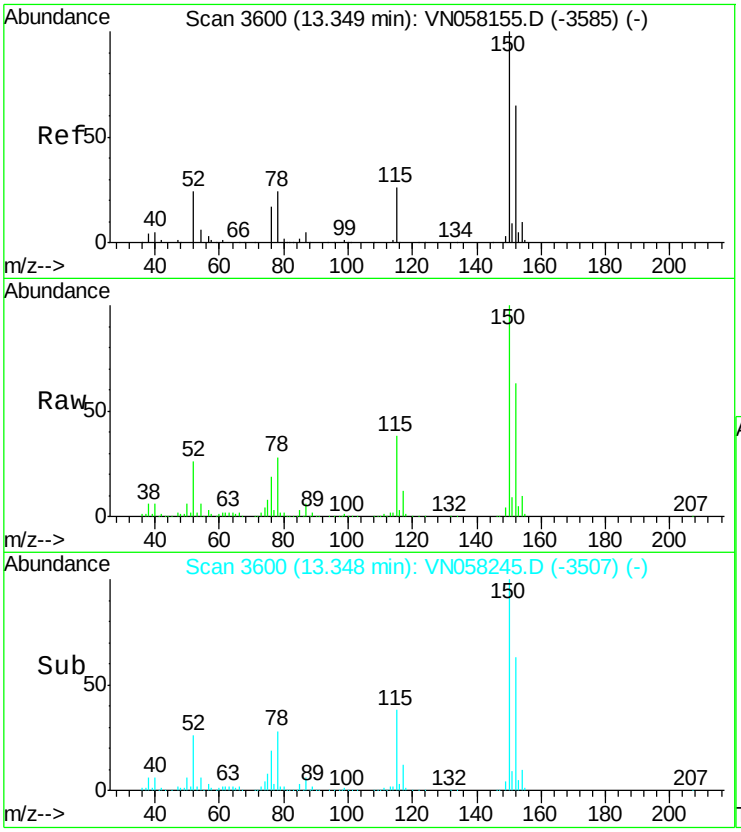


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN058245.D
Acq: 20 Sep 2019 13:25

Tgt Ion:117 Resp: 694293

Ion	Ratio	Lower	Upper
117	100		
82	57.3	46.9	70.3
119	31.1	25.3	37.9



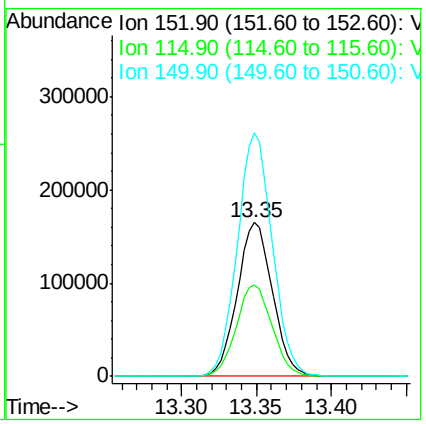


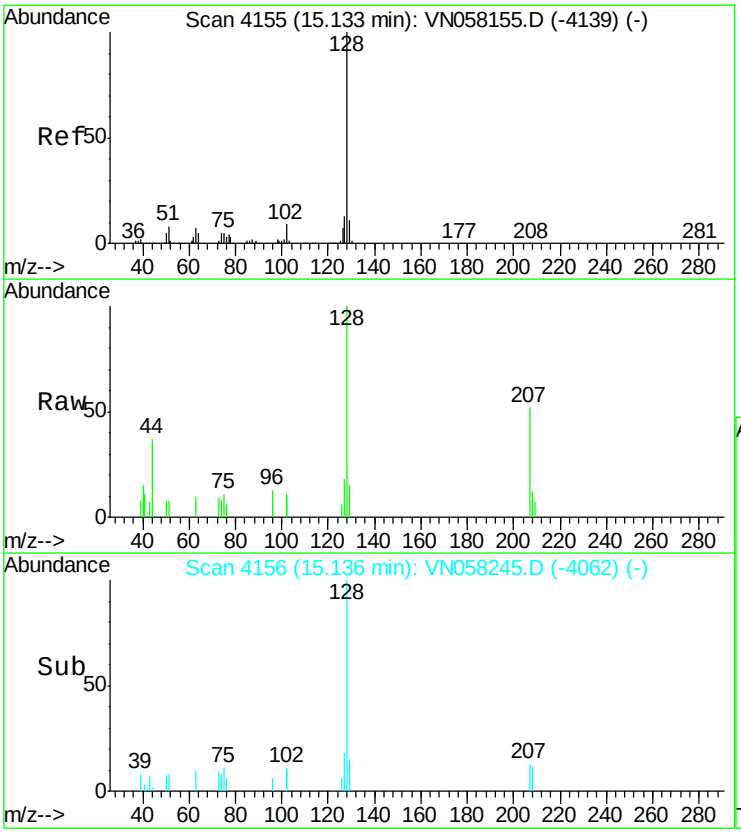
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3600
Delta R.T. -0.00 min
Lab File: VN058245.D
Acq: 20 Sep 2019 13:25

Instrument : MSVOA_N
ClientSampleId : TB03-20190916

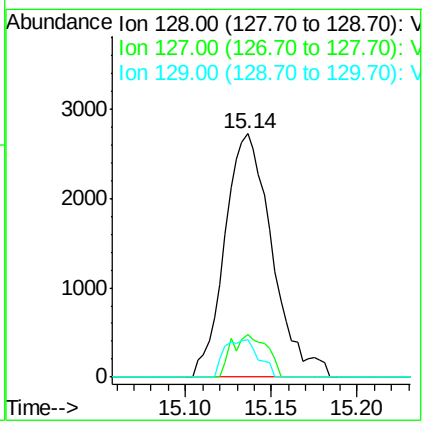
Tgt Ion:152 Resp: 270879

Ion	Ratio	Lower	Upper
152	100		
115	60.2	30.1	90.3
150	157.2	0.0	346.4





#95
Naphthalene
Concen: 0.403 ug/l
RT: 15.14 min Scan# 4156
Delta R.T. 0.00 min
Lab File: VN058245.D
Acq: 20 Sep 2019 13:25

Tgt Ion:128 Resp: 5213

Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.2	15.2
129	11.0	8.6	12.8