Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN103119\
Data File : VN059031.D
Acq On : 31 Oct 2019 12:04
Operator : JC/SP
Sample : K5143-09
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : NB-08-103019

Quant Time: Nov 01 01:06:18 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101819W.M
Quant Title : SW846 8260
QLast Update : Sat Oct 19 00:16:20 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	409838	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	638687	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	583672	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	215309	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	275848	45.89	ug/l	0.00
Spiked Amount 50.000			Recovery = 91.78%			
35) Dibromofluoromethane	7.57	113	205510	48.94	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.88%			
50) Toluene-d8	10.08	98	812735	49.86	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.72%			
62) 4-Bromofluorobenzene	12.41	95	265766	44.40	ug/l	0.00
Spiked Amount 50.000			Recovery = 88.80%			
Target Compounds						Qvalue
18) Methyl Acetate	4.31	43	9154	1.356	ug/l #	74
20) Methylene Chloride	4.53	84	522072	102.937	ug/l	97
43) Isopropyl Acetate	8.15	43	101750	8.905	ug/l #	93
95) Naphthalene	15.13	128	8688	2.898	ug/l #	95

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

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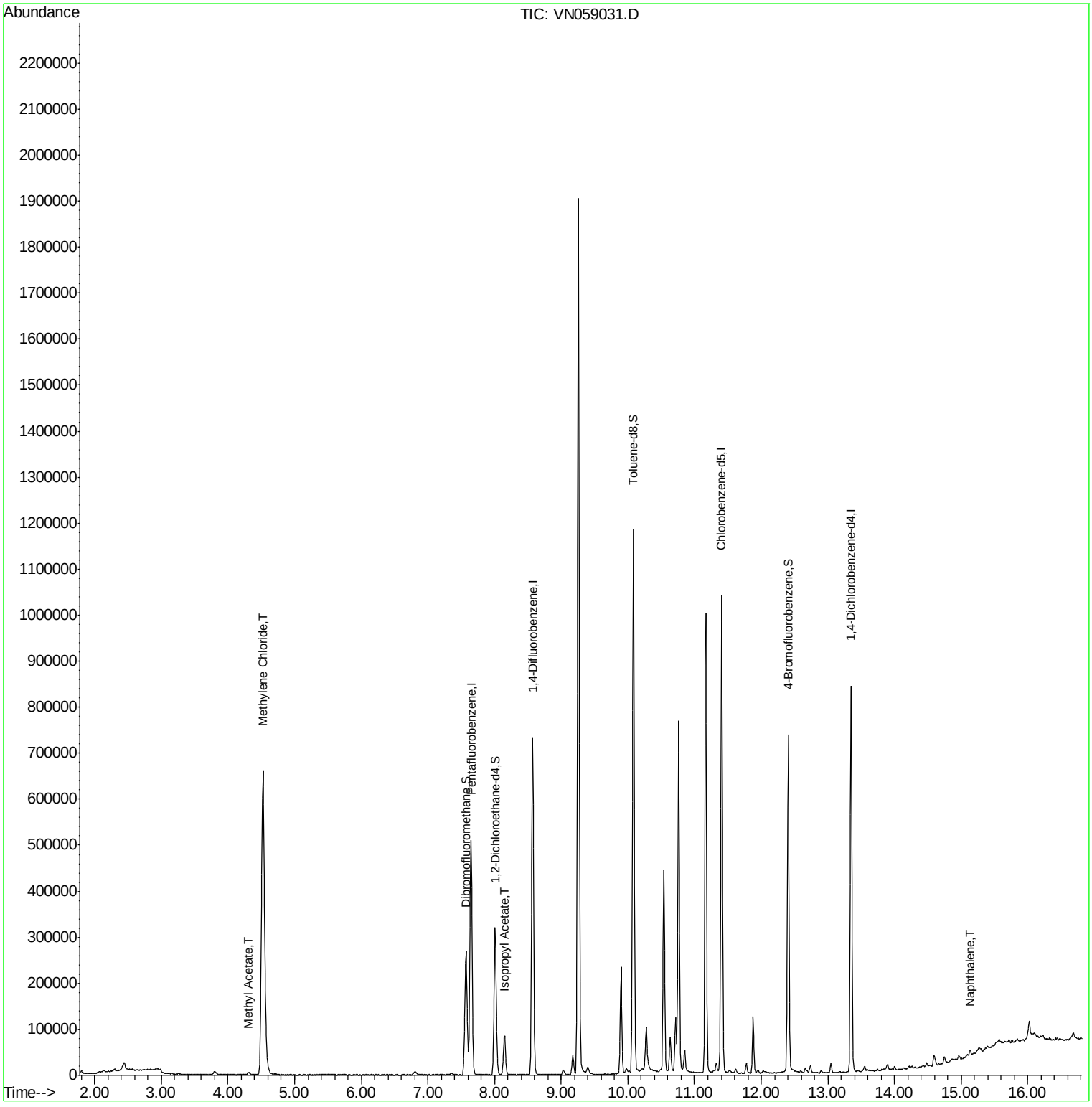
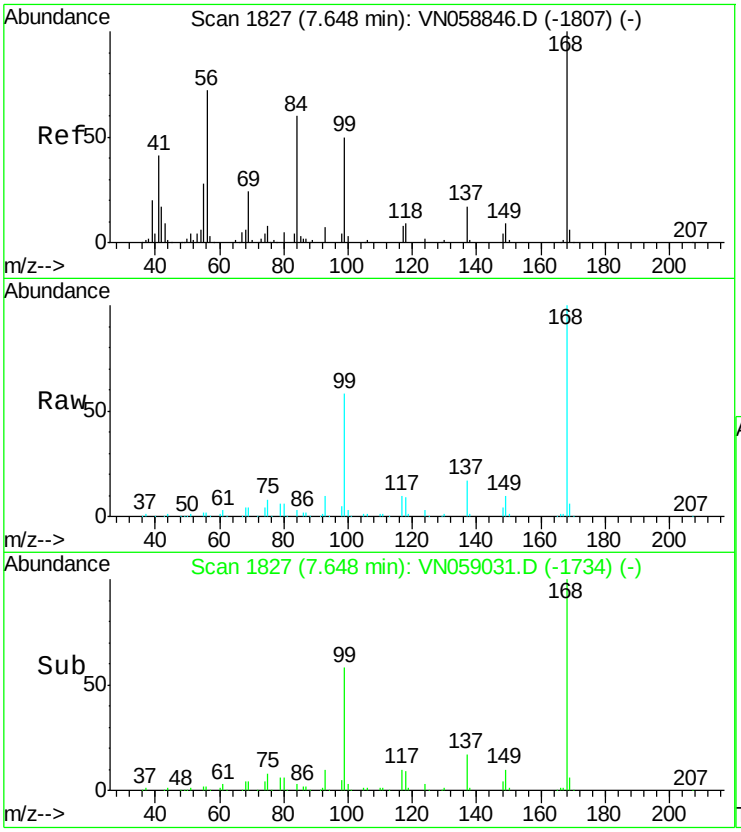


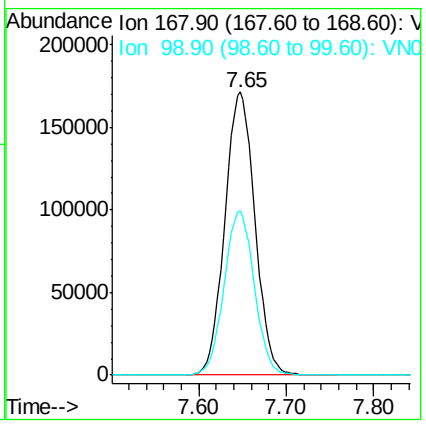


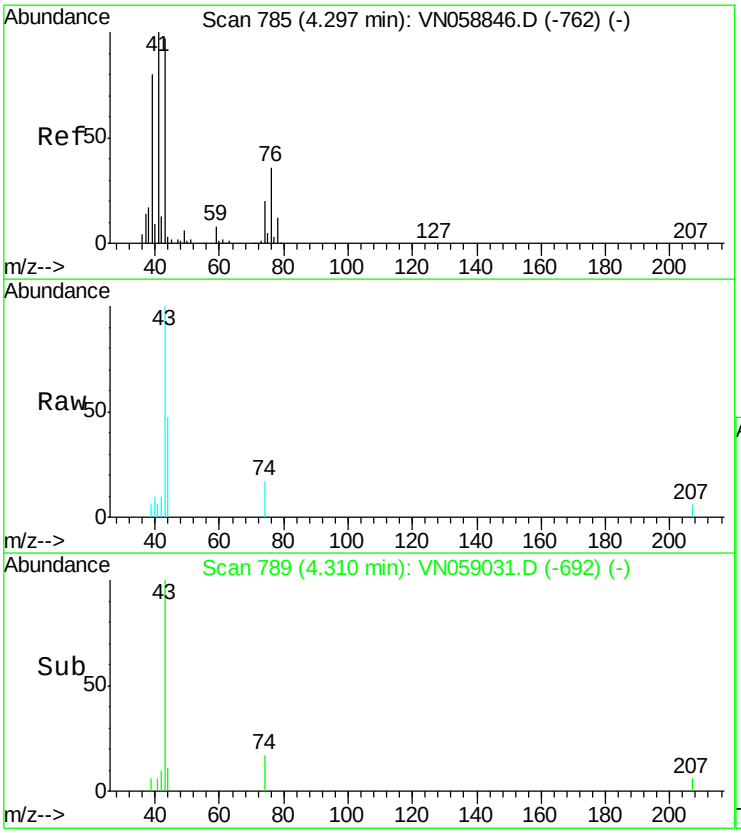
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.65 min Scan# 1827
Delta R.T. -0.00 min
Lab File: VN059031.D
Acq: 31 Oct 2019 12:04

Instrument : MSVOA_N
ClientSampleId : NB-08-103019

Tgt Ion:168 Resp: 409838

Ion	Ratio	Lower	Upper
168	100		
99	58.1	48.1	72.1

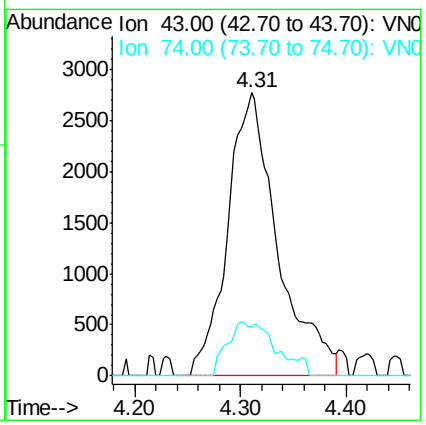


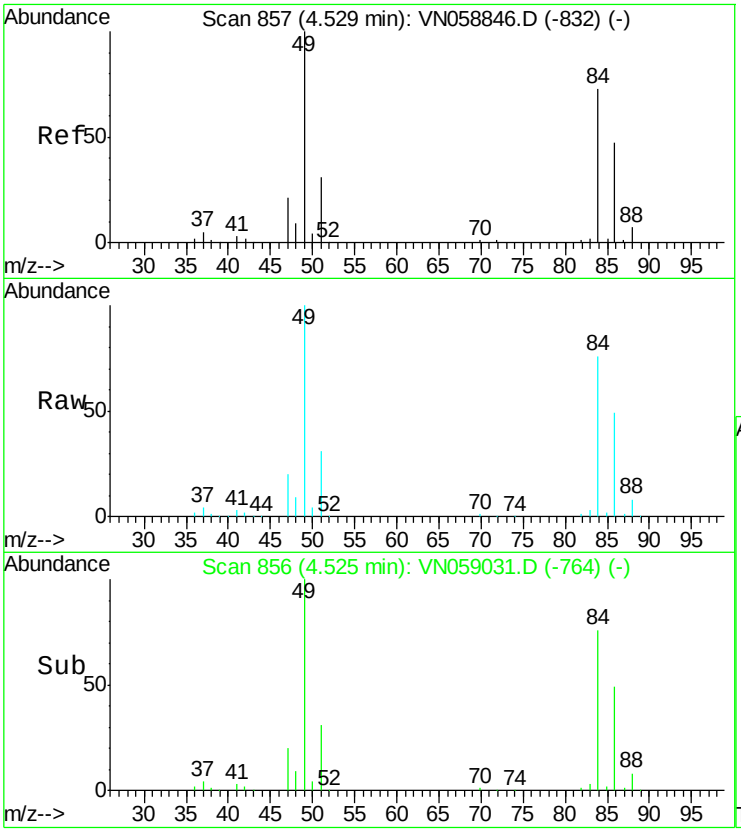


#18
Methyl Acetate
Concen: 1.356 ug/l
RT: 4.31 min Scan# 789
Delta R.T. 0.01 min
Lab File: VN059031.D
Acq: 31 Oct 2019 12:04

Tgt Ion: 43 Resp: 9154

Ion	Ratio	Lower	Upper
43	100		
74	9.1	17.1	25.7#



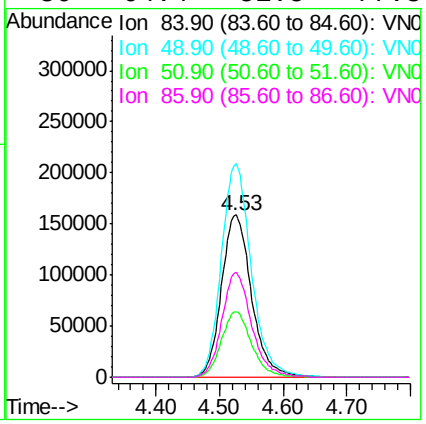


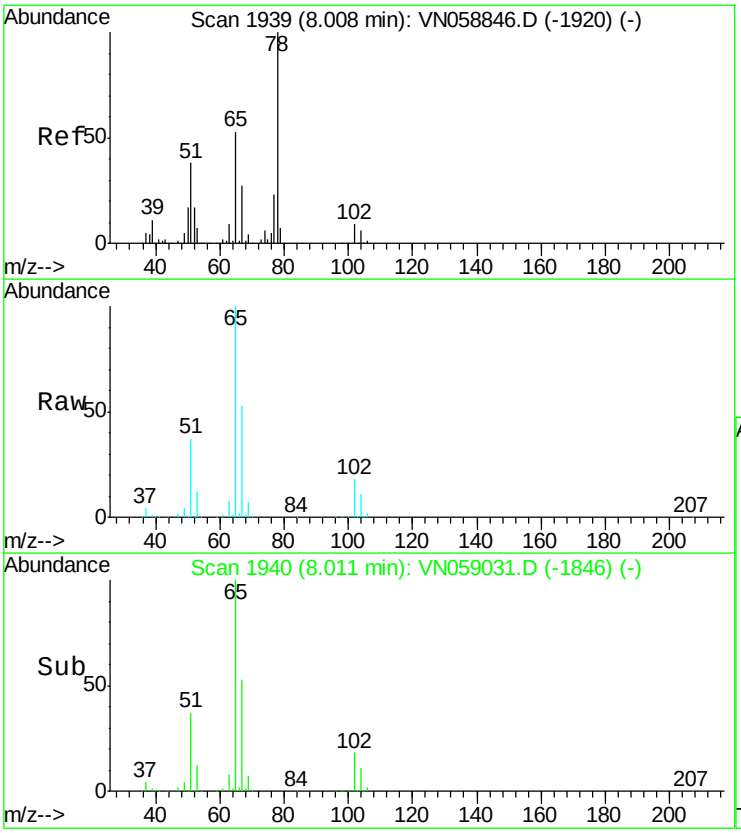
#20
Methylene Chloride
Concen: 102.937 ug/l
RT: 4.53 min Scan# 856
Delta R.T. -0.00 min
Lab File: VN059031.D
Acq: 31 Oct 2019 12:04

Instrument : MSVOA_N
ClientSampleId : NB-08-103019

Tgt Ion: 84 Resp: 522072

Ion	Ratio	Lower	Upper
84	100		
49	131.5	109.6	164.4
51	40.3	33.8	50.6
86	64.4	51.5	77.3

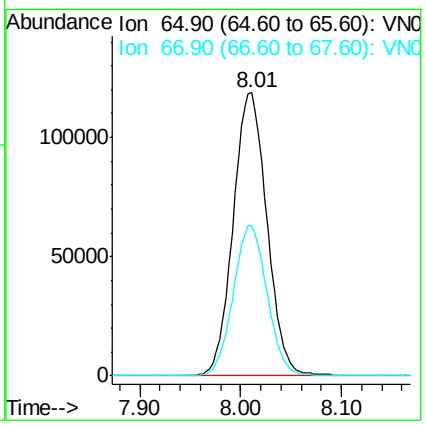


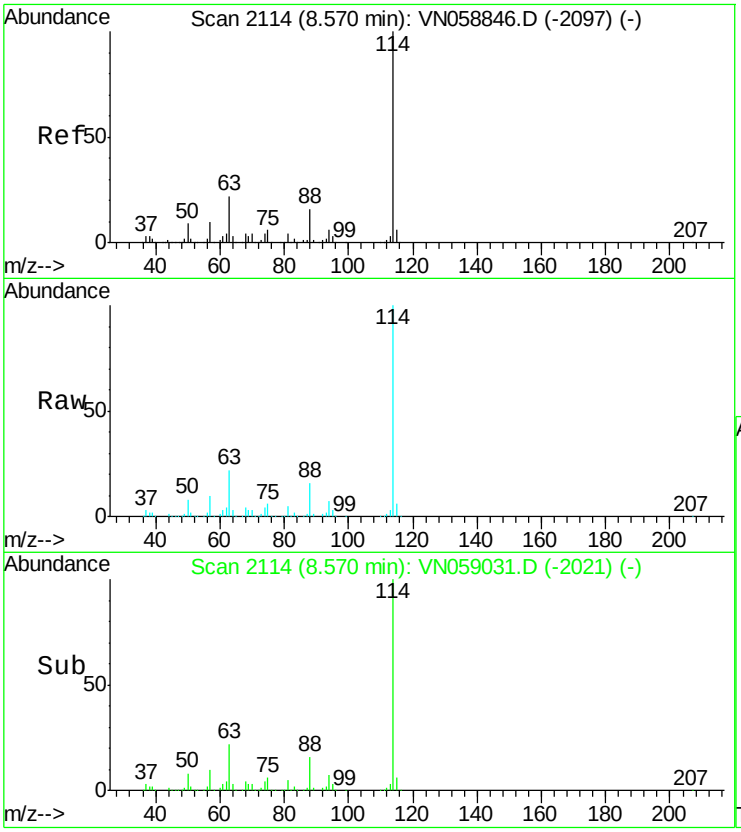


#33
1,2-Dichloroethane-d4
Concen: 45.891 ug/l
RT: 8.01 min Scan# 1940
Delta R.T. 0.00 min
Lab File: VN059031.D
Acq: 31 Oct 2019 12:04

Tgt Ion: 65 Resp: 275848

Ion	Ratio	Lower	Upper
65	100		
67	53.3	0.0	103.2



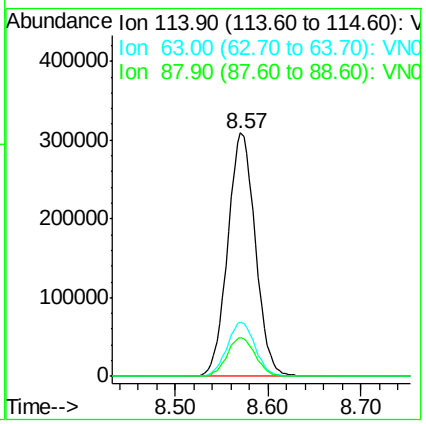


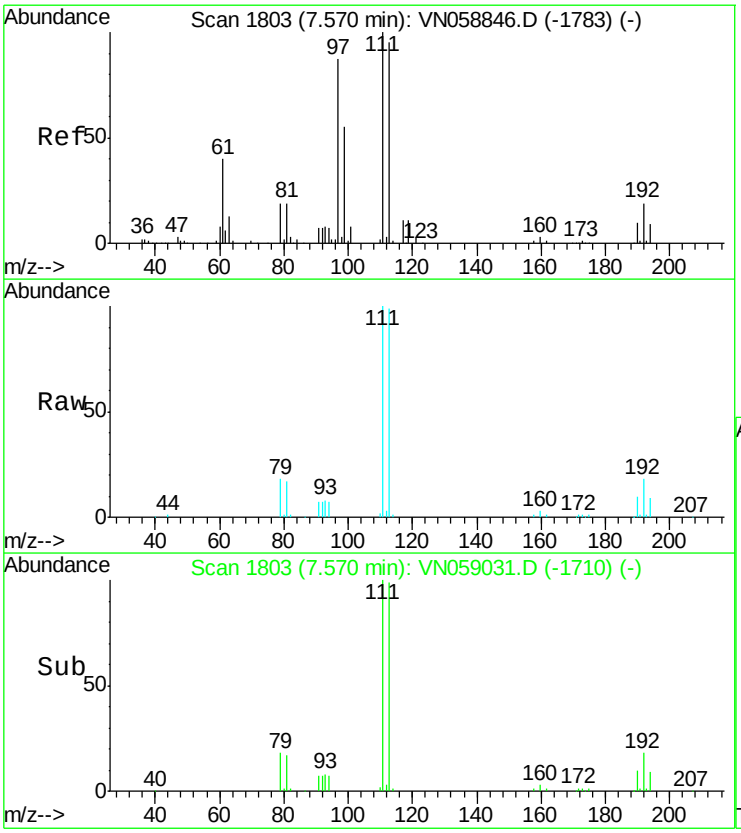
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.57 min Scan# 2114
Delta R.T. -0.00 min
Lab File: VN059031.D
Acq: 31 Oct 2019 12:04

Instrument :
MSVOA_N
ClientSampleId :
NB-08-103019

Tgt Ion:114 Resp: 638687

Ion	Ratio	Lower	Upper
114	100		
63	22.2	0.0	44.4
88	15.9	0.0	31.4

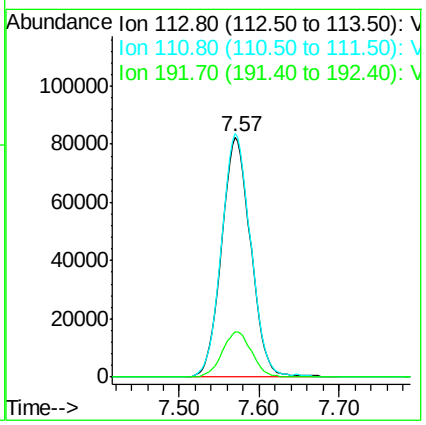


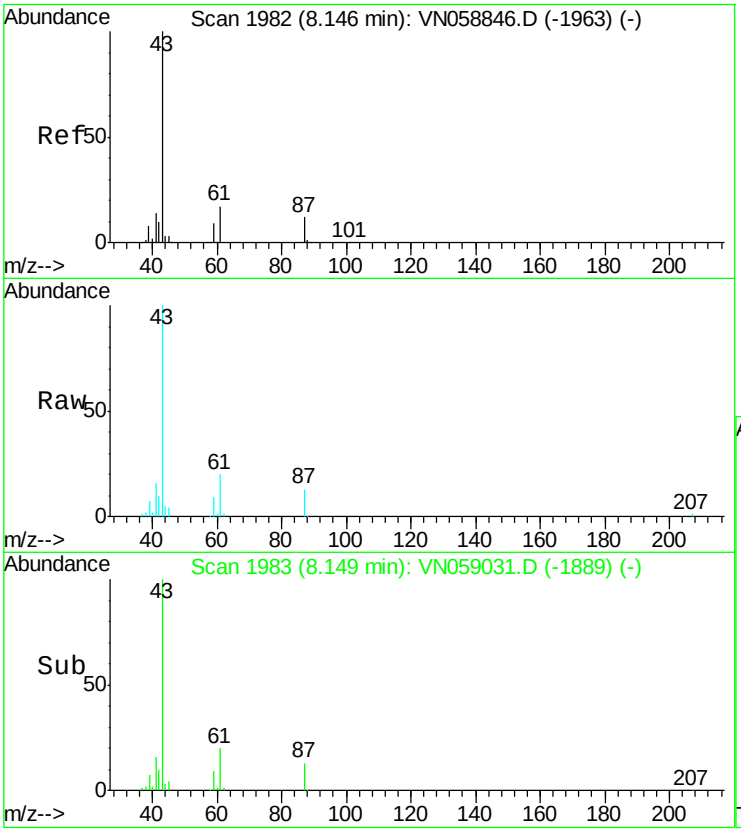


#35
Dibromofluoromethane
Concen: 48.940 ug/l
RT: 7.57 min Scan# 1803
Delta R.T. -0.00 min
Lab File: VN059031.D
Acq: 31 Oct 2019 12:04

Tgt Ion:113 Resp: 205510

Ion	Ratio	Lower	Upper
113	100		
111	101.2	82.0	123.0
192	19.0	15.0	22.6



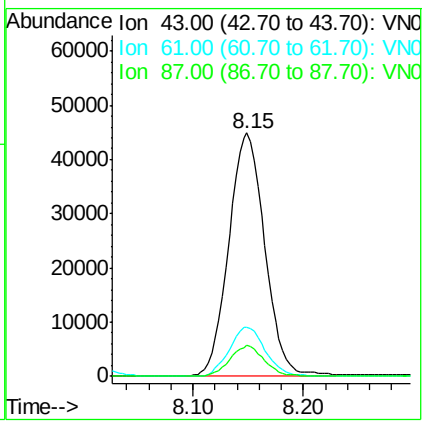


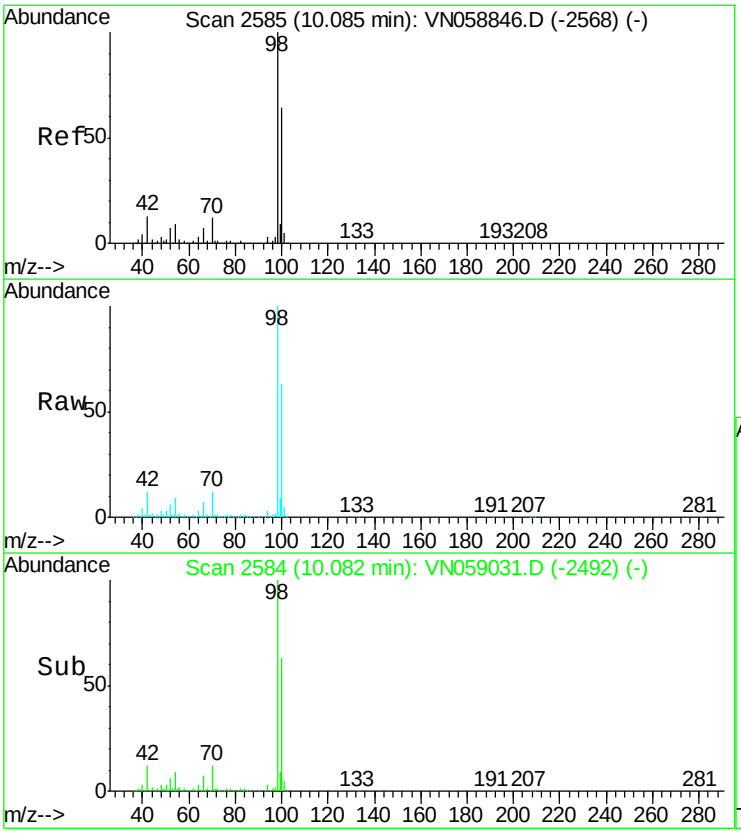
#43
Isopropyl Acetate
Concen: 8.905 ug/l
RT: 8.15 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VN059031.D
Acq: 31 Oct 2019 12:04

Instrument : MSVOA_N
ClientSampleId : NB-08-103019

Tgt Ion: 43 Resp: 101750

Ion	Ratio	Lower	Upper
43	100		
61	20.1	20.2	30.2#
87	12.0	9.5	14.3

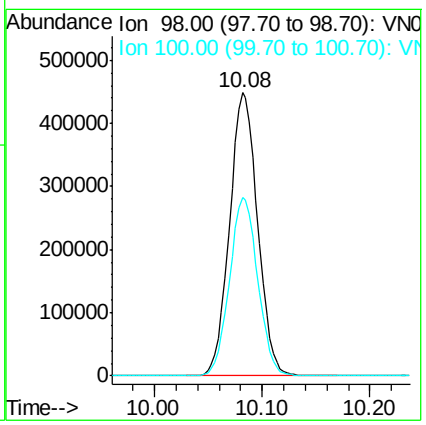


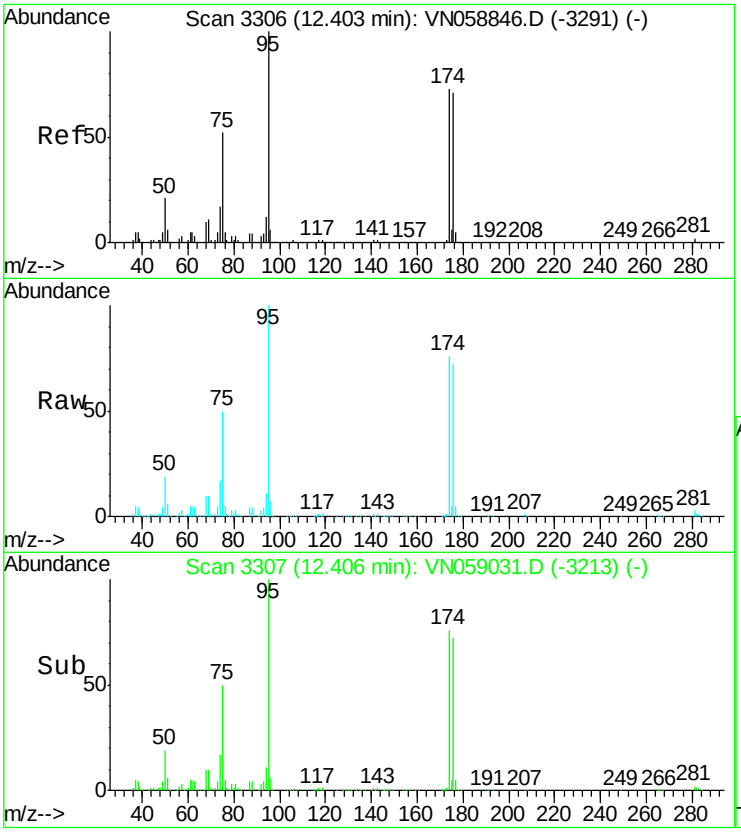


#50
Toluene-d8
Concen: 49.859 ug/l
RT: 10.08 min Scan# 2584
Delta R.T. -0.00 min
Lab File: VN059031.D
Acq: 31 Oct 2019 12:04

Tgt Ion: 98 Resp: 812735

Ion	Ratio	Lower	Upper
98	100		
100	63.5	51.4	77.2



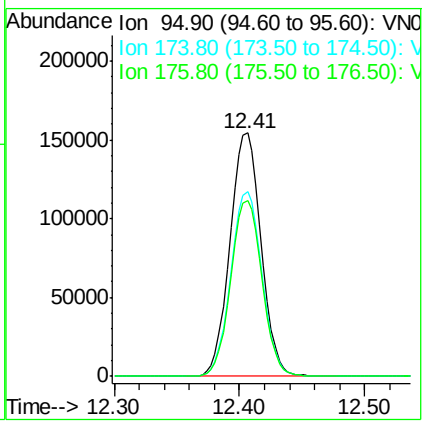


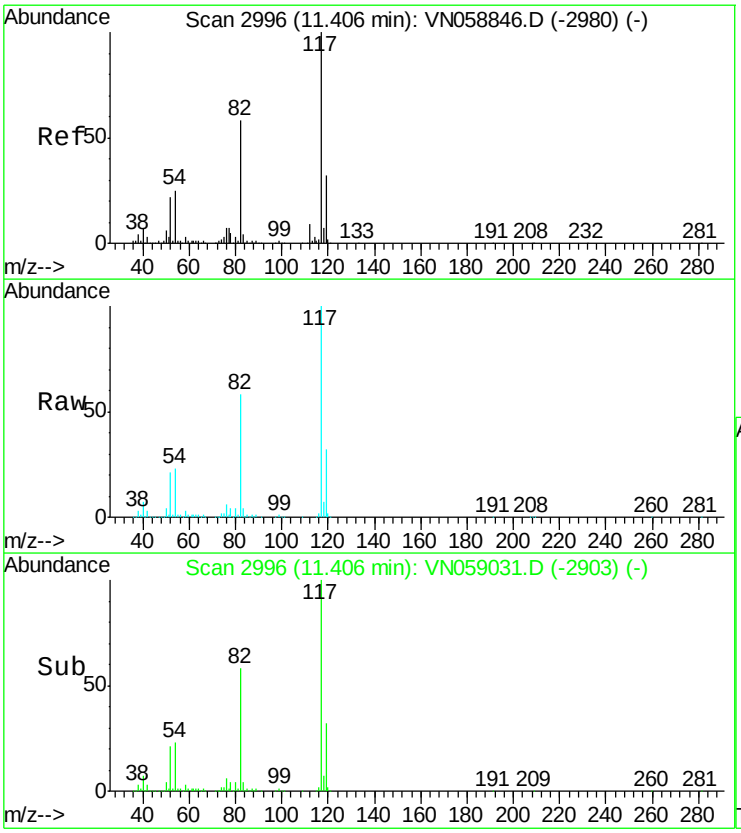
#62
4-Bromofluorobenzene
Concen: 44.398 ug/l
RT: 12.41 min Scan# 3307
Delta R.T. 0.00 min
Lab File: VN059031.D
Acq: 31 Oct 2019 12:04

Instrument :
MSVOA_N
ClientSampleId :
NB-08-103019

Tgt Ion: 95 Resp: 265766

Ion	Ratio	Lower	Upper
95	100		
174	76.2	0.0	147.6
176	72.7	0.0	143.2

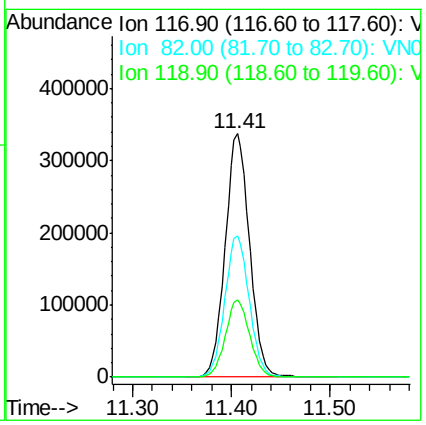


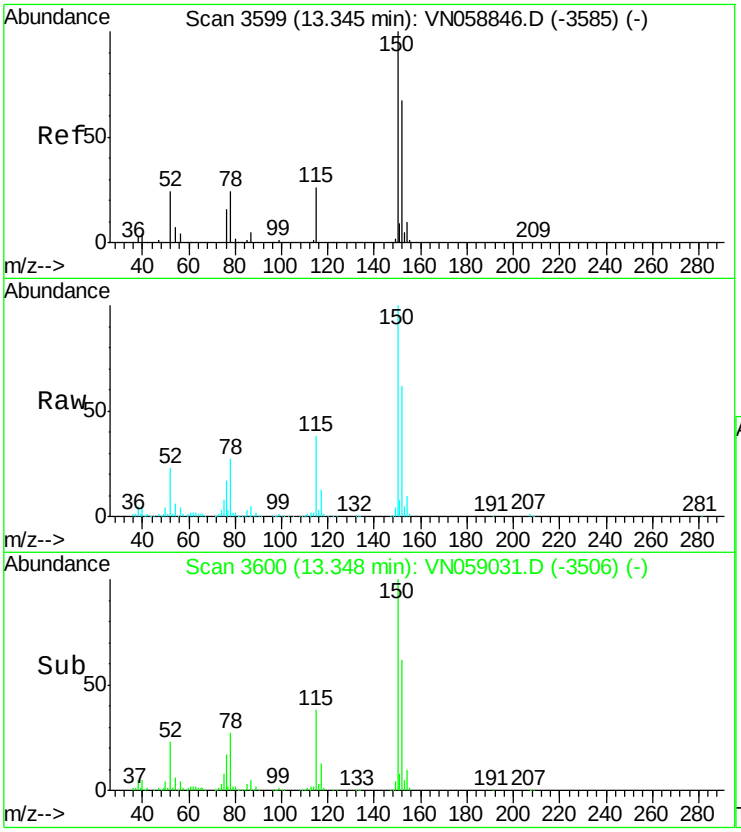


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN059031.D
Acq: 31 Oct 2019 12:04

Tgt Ion:117 Resp: 583672

Ion	Ratio	Lower	Upper
117	100		
82	58.1	46.6	69.8
119	31.7	25.6	38.4



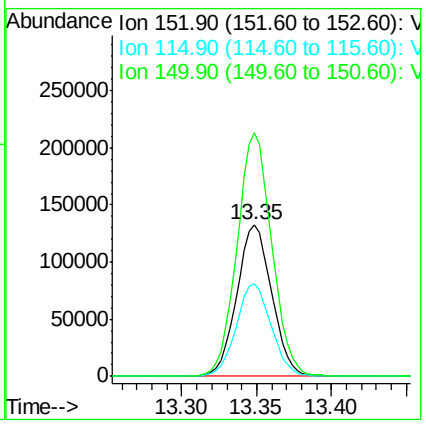


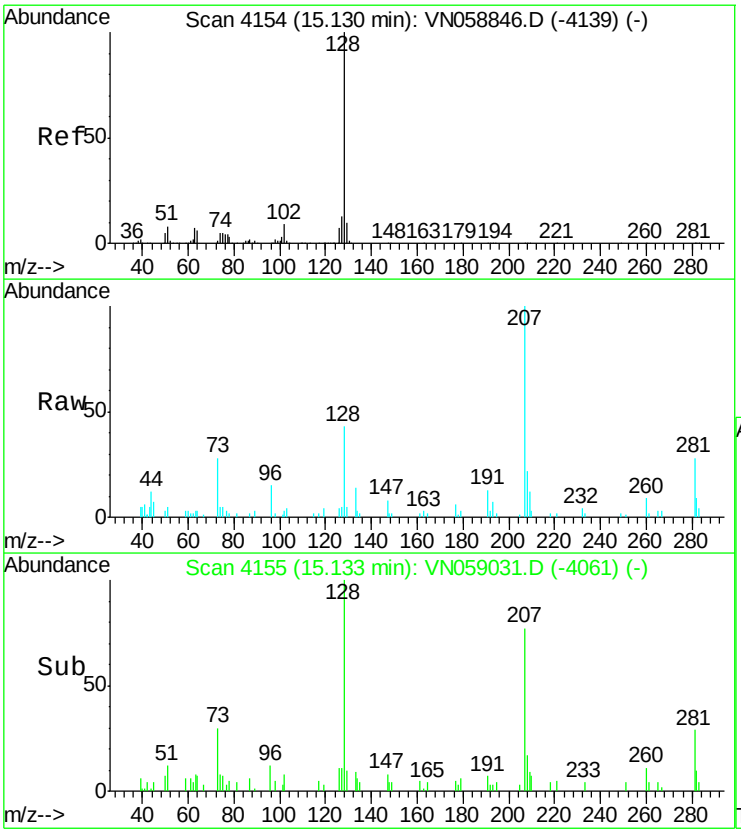
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3600
Delta R.T. 0.00 min
Lab File: VN059031.D
Acq: 31 Oct 2019 12:04

Instrument :
MSVOA_N
ClientSampleId :
NB-08-103019

Tgt Ion:152 Resp: 215309

Ion	Ratio	Lower	Upper
152	100		
115	61.4	30.5	91.5
150	160.2	0.0	344.4





#95
Naphthalene
Concen: 2.898 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN059031.D
Acq: 31 Oct 2019 12:04

Tgt Ion:128 Resp: 8688

Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.2	15.2
129	14.6	8.4	12.6#