Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN040820\
Data File : VN060902.D
Acq On : 8 Apr 2020 15:40
Operator : JC/MD
Sample : L2185-02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : 30941

Quant Time: Apr 09 09:04:17 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031820W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 18 08:49:09 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	204117	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	339104	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	316666	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	147068	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	131894	47.07	ug/l	0.00
Spiked Amount 50.000			Recovery = 94.14%			
35) Dibromofluoromethane	7.57	113	99525	48.54	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.08%			
50) Toluene-d8	10.08	98	417837	49.89	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.78%			
62) 4-Bromofluorobenzene	12.40	95	158110	51.51	ug/l	0.00
Spiked Amount 50.000			Recovery = 103.02%			
Target Compounds						Qvalue
16) Acetone	3.79	43	20261	20.413	ug/l	94
20) Methylene Chloride	4.53	84	3533	1.447	ug/l	96
40) Benzene	8.02	78	36886	3.721	ug/l	100
43) Isopropyl Acetate	8.14	43	60310	10.307	ug/l #	91
52) Toluene	10.14	92	29416	4.914	ug/l	99
67) Ethyl Benzene	11.50	91	9366	0.802	ug/l	99
68) m/p-Xylenes	11.61	106	12811	2.953	ug/l	98
69) o-Xylene	11.94	106	7509	1.813	ug/l	99
95) Naphthalene	15.13	128	61413	7.413	ug/l	99

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

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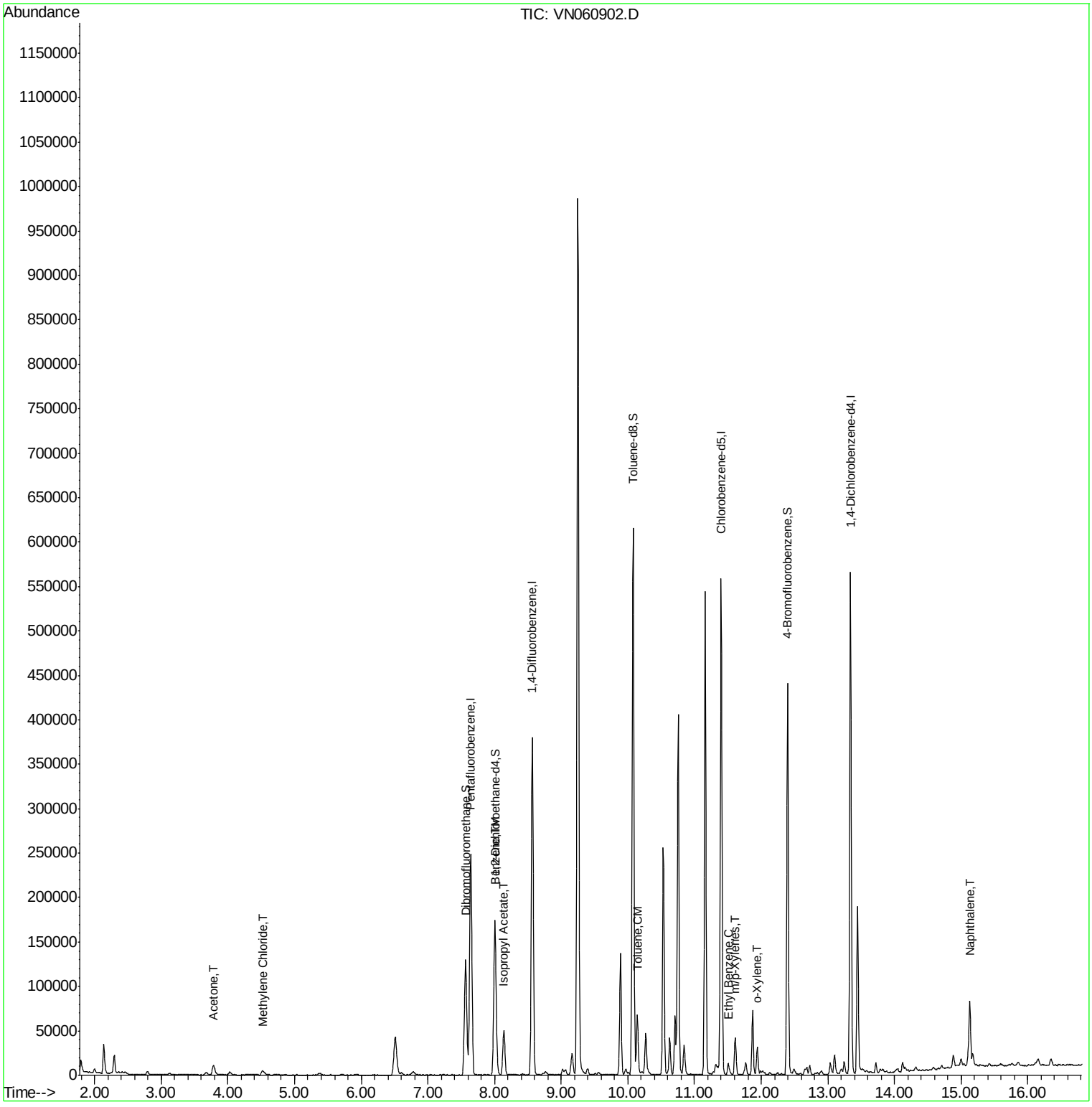
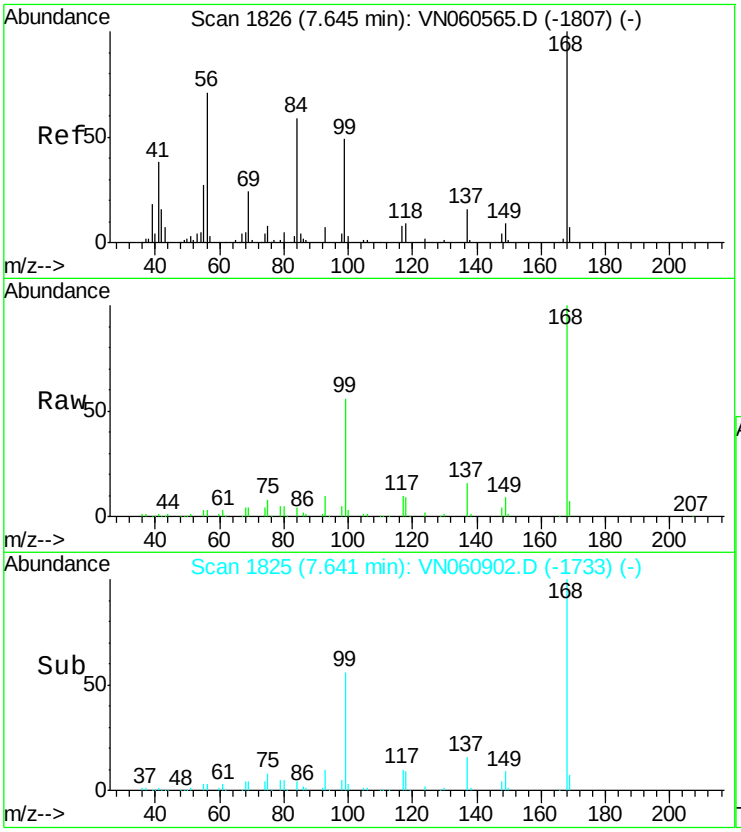


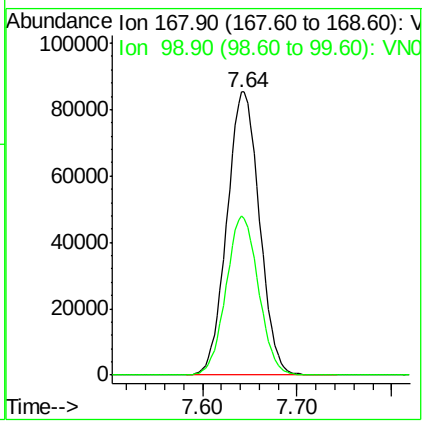


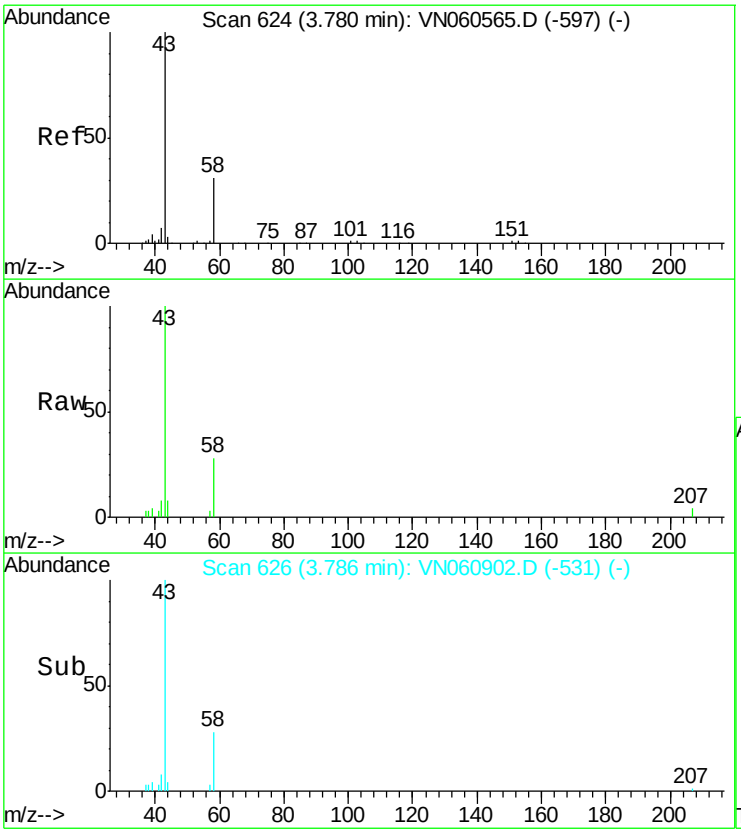
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.64 min Scan# 1825
Delta R.T. -0.00 min
Lab File: VN060902.D
Acq: 8 Apr 2020 15:40

Instrument :
MSVOA_N
ClientSampleId :
30941

Tgt Ion:168 Resp: 204117

Ion	Ratio	Lower	Upper
168	100		
99	56.4	44.0	66.0

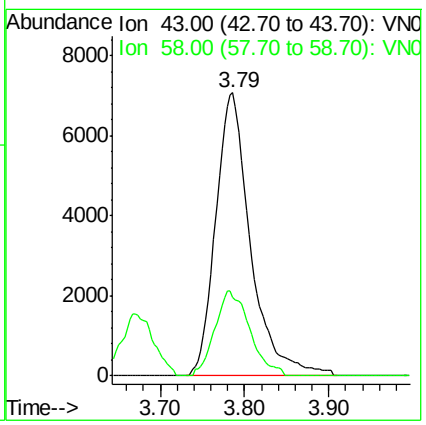


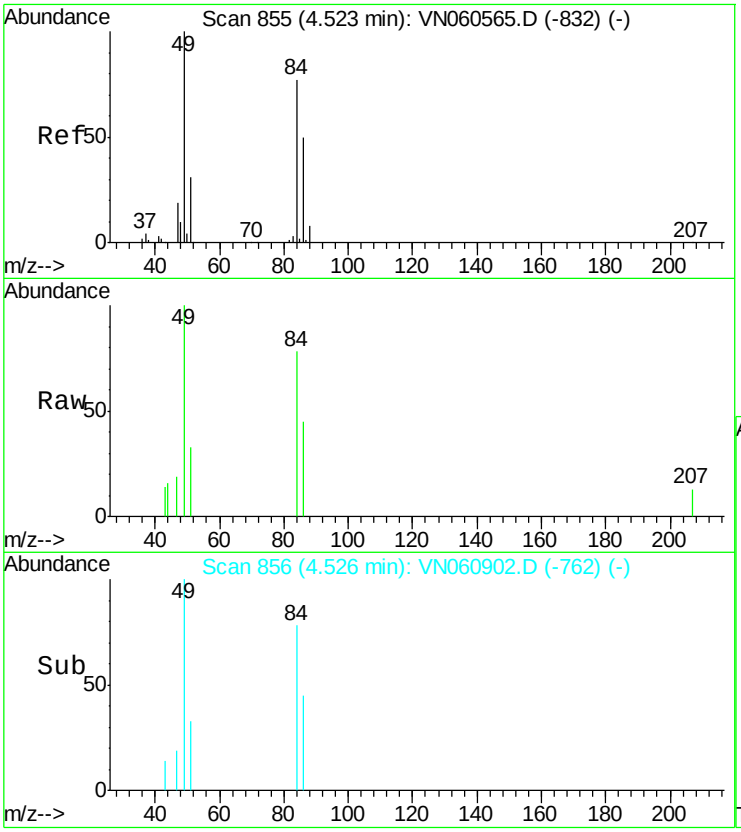


#16
Acetone
Concen: 20.413 ug/l
RT: 3.79 min Scan# 626
Delta R.T. 0.01 min
Lab File: VN060902.D
Acq: 8 Apr 2020 15:40

Tgt Ion: 43 Resp: 20261

Ion	Ratio	Lower	Upper
43	100		
58	27.9	25.1	37.7



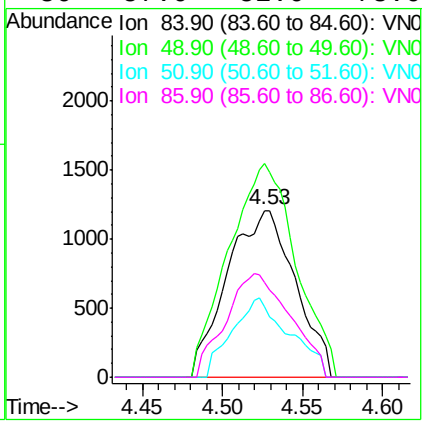


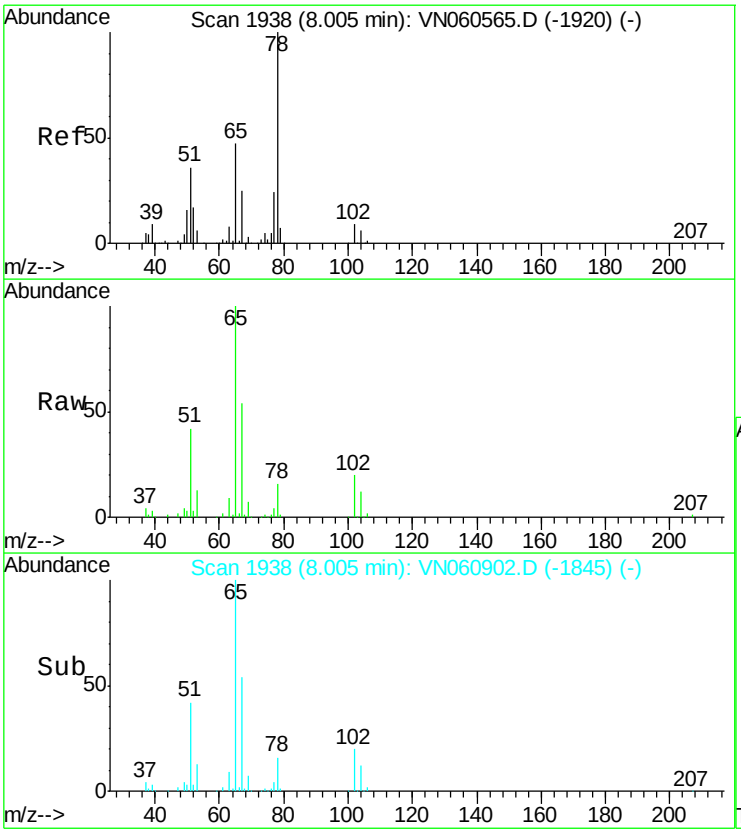
#20
Methylene Chloride
Concen: 1.447 ug/l
RT: 4.53 min Scan# 856
Delta R.T. 0.00 min
Lab File: VN060902.D
Acq: 8 Apr 2020 15:40

Instrument : MSVOA_N
ClientSampleId : 30941

Tgt Ion: 84 Resp: 3533

Ion	Ratio	Lower	Upper
84	100		
49	128.0	103.3	154.9
51	42.1	31.6	47.4
86	57.0	52.0	78.0

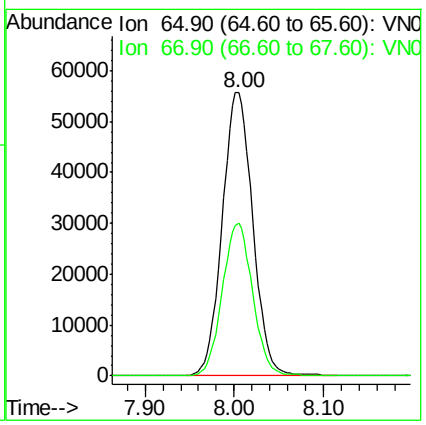


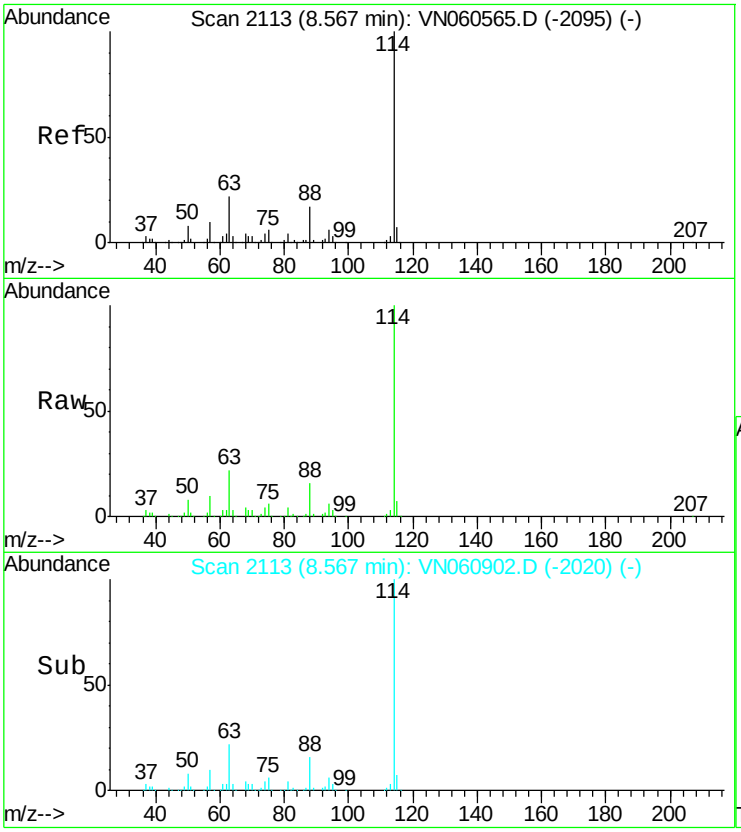


#33
1,2-Dichloroethane-d4
Concen: 47.070 ug/l
RT: 8.00 min Scan# 1938
Delta R.T. -0.00 min
Lab File: VN060902.D
Acq: 8 Apr 2020 15:40

Tgt Ion: 65 Resp: 131894

Ion	Ratio	Lower	Upper
65	100		
67	53.5	0.0	107.6



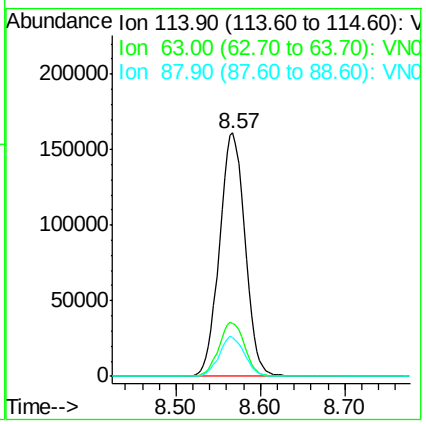


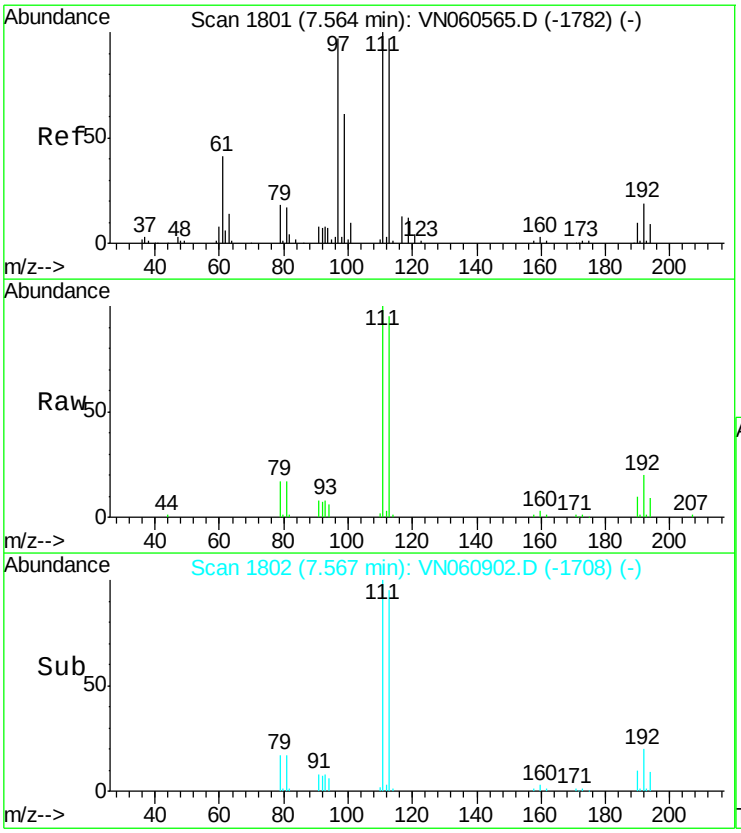
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.57 min Scan# 2113
Delta R.T. -0.00 min
Lab File: VN060902.D
Acq: 8 Apr 2020 15:40

Instrument :
MSVOA_N
ClientSampleId :
30941

Tgt Ion:114 Resp: 339104

Ion	Ratio	Lower	Upper
114	100		
63	22.0	0.0	43.8
88	16.2	0.0	33.0

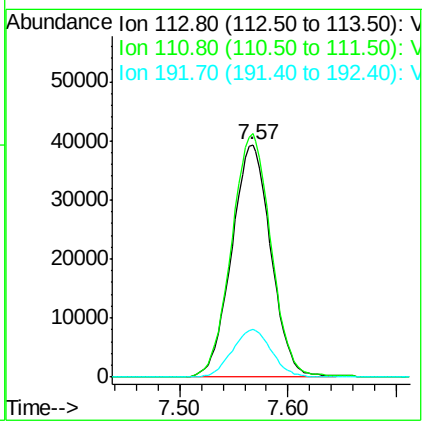


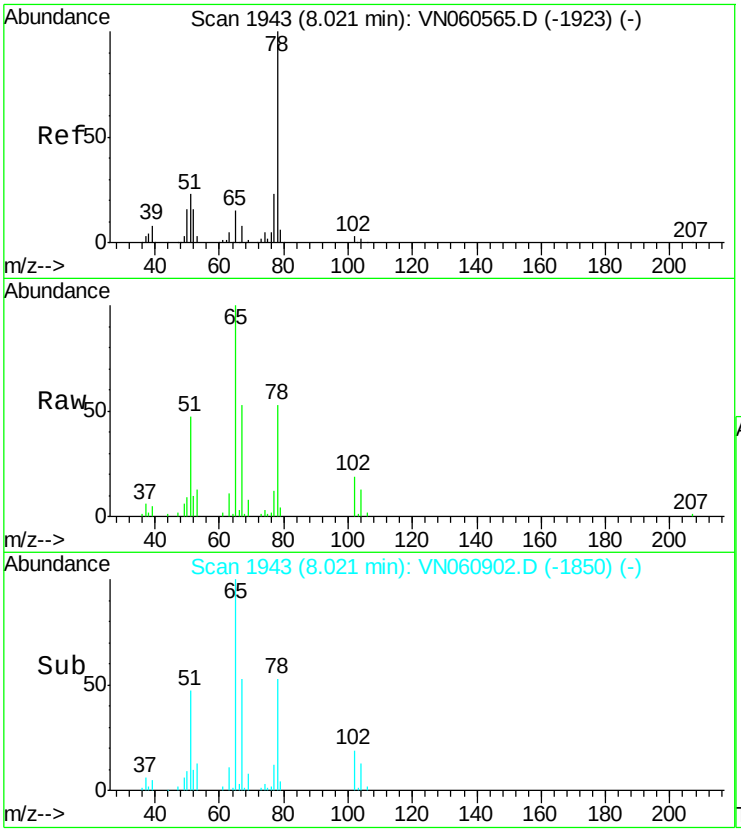


#35
Dibromofluoromethane
Concen: 48.538 ug/l
RT: 7.57 min Scan# 1802
Delta R.T. 0.00 min
Lab File: VN060902.D
Acq: 8 Apr 2020 15:40

Tgt Ion:113 Resp: 99525

Ion	Ratio	Lower	Upper
113	100		
111	105.7	82.9	124.3
192	20.4	15.8	23.8



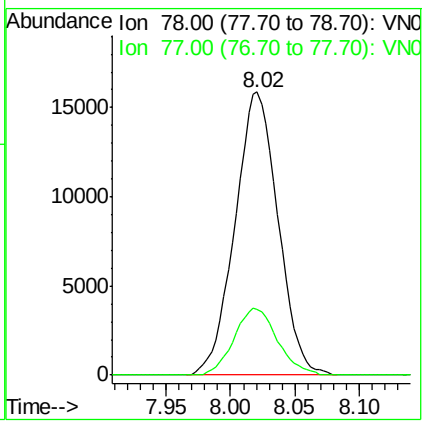


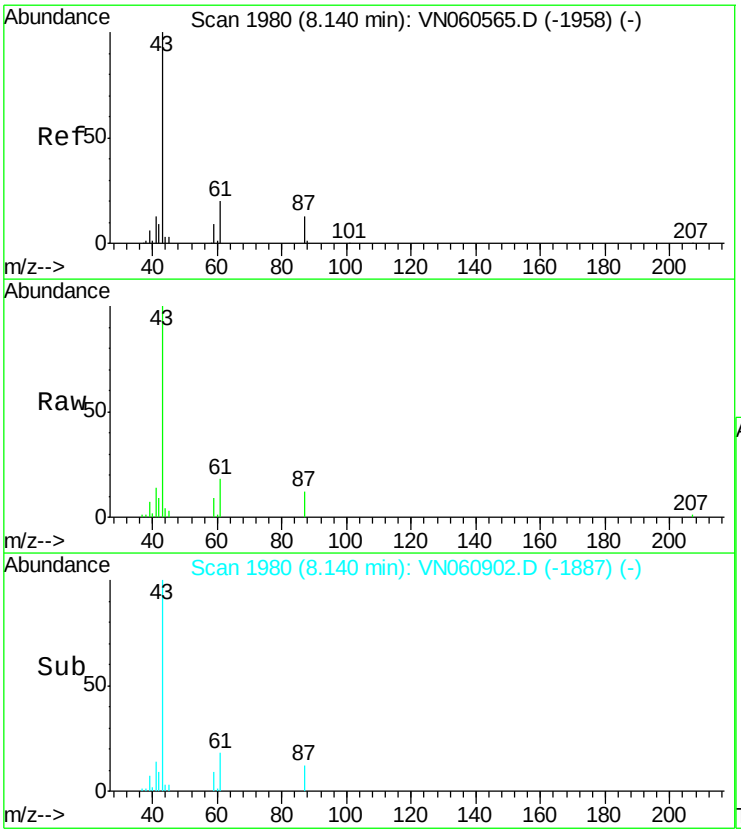
#40
Benzene
Concen: 3.721 ug/l
RT: 8.02 min Scan# 1943
Delta R.T. -0.00 min
Lab File: VN060902.D
Acq: 8 Apr 2020 15:40

Instrument : MSVOA_N
ClientSampleId : 30941

Tgt Ion: 78 Resp: 36886

Ion	Ratio	Lower	Upper
78	100		
77	23.4	18.6	28.0

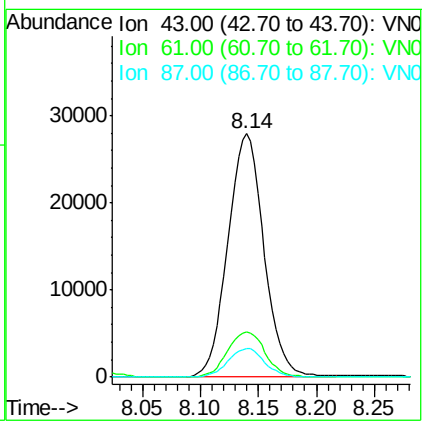


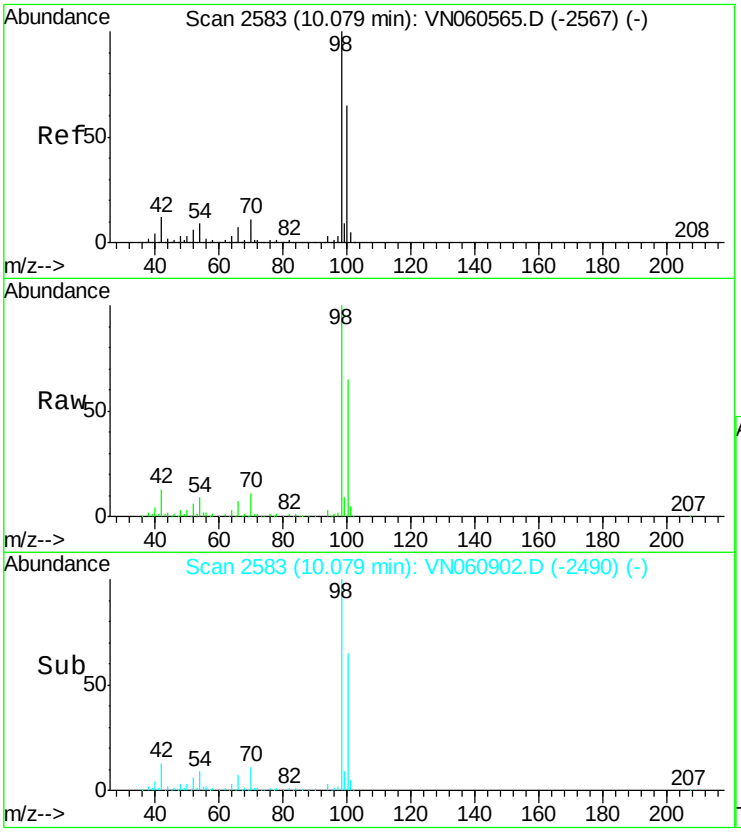


#43
Isopropyl Acetate
Concen: 10.307 ug/l
RT: 8.14 min Scan# 1980
Delta R.T. -0.00 min
Lab File: VN060902.D
Acq: 8 Apr 2020 15:40

Tgt Ion: 43 Resp: 60310

Ion	Ratio	Lower	Upper
43	100		
61	19.3	20.7	31.1#
87	11.8	9.8	14.8



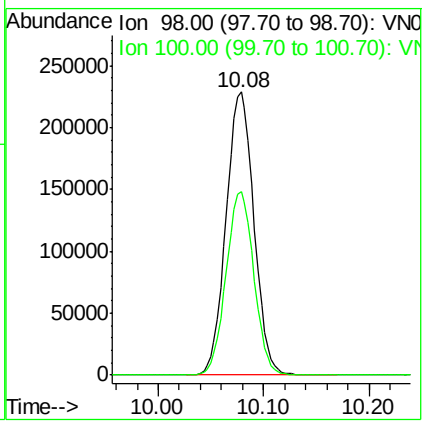


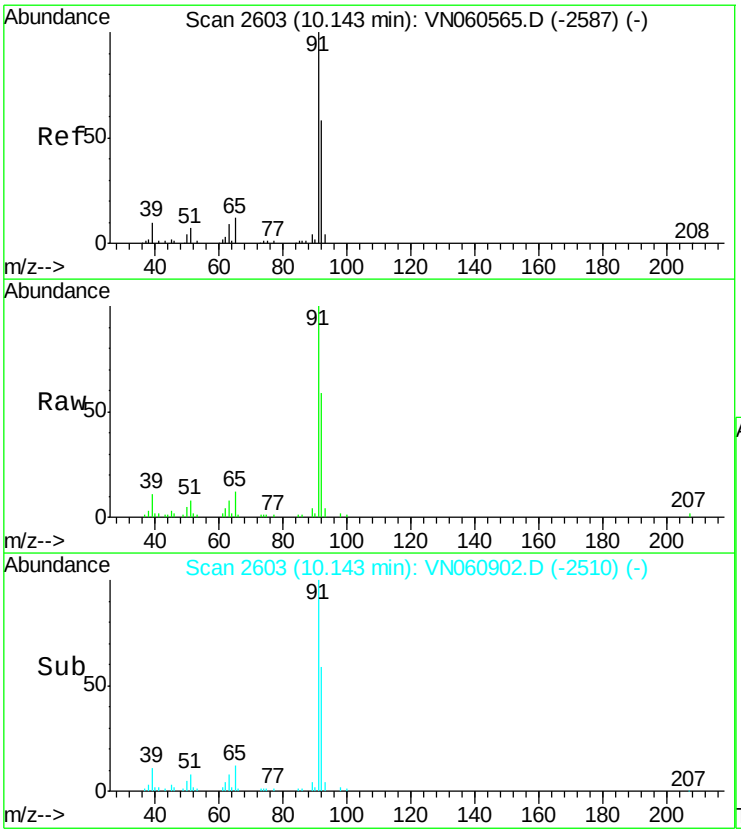
#50
Toluene-d8
Concen: 49.889 ug/l
RT: 10.08 min Scan# 2583
Delta R.T. -0.00 min
Lab File: VN060902.D
Acq: 8 Apr 2020 15:40

Instrument : MSVOA_N
ClientSampleId : 30941

Tgt Ion: 98 Resp: 417837

Ion	Ratio	Lower	Upper
98	100		
100	64.6	51.8	77.8

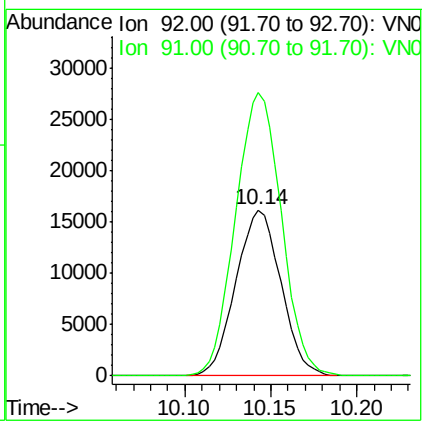


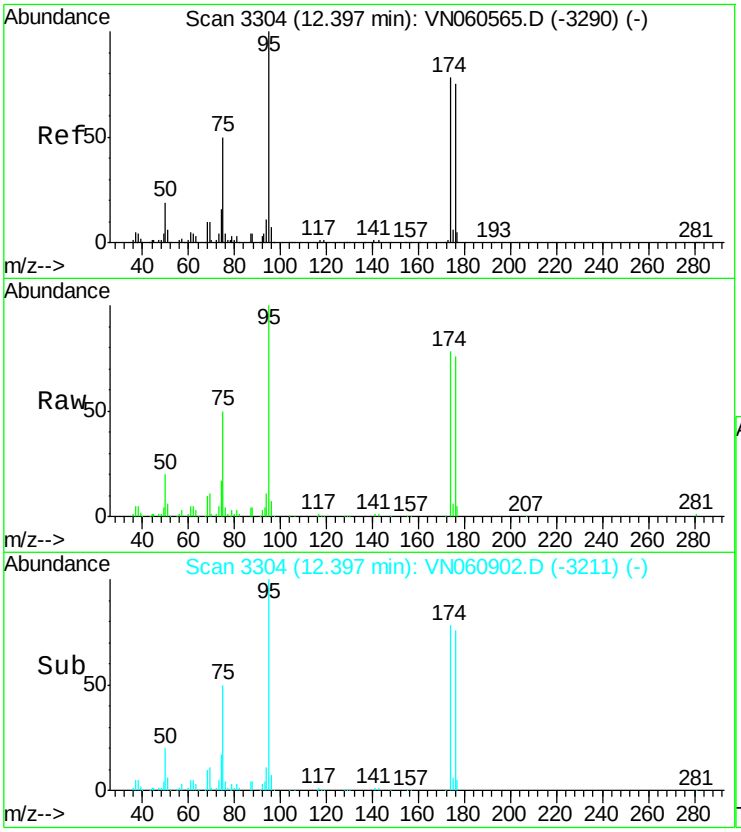


#52
Toluene
Concen: 4.914 ug/l
RT: 10.14 min Scan# 2603
Delta R.T. -0.00 min
Lab File: VN060902.D
Acq: 8 Apr 2020 15:40

Tgt Ion: 92 Resp: 29416

Ion	Ratio	Lower	Upper
92	100		
91	173.8	137.6	206.4



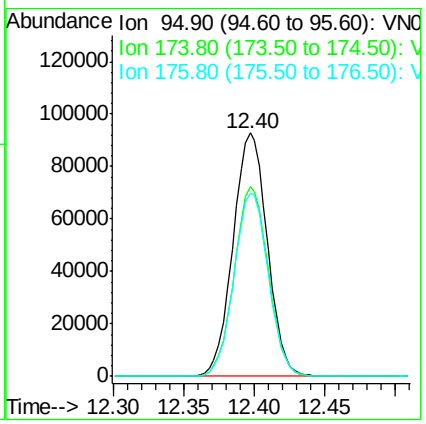


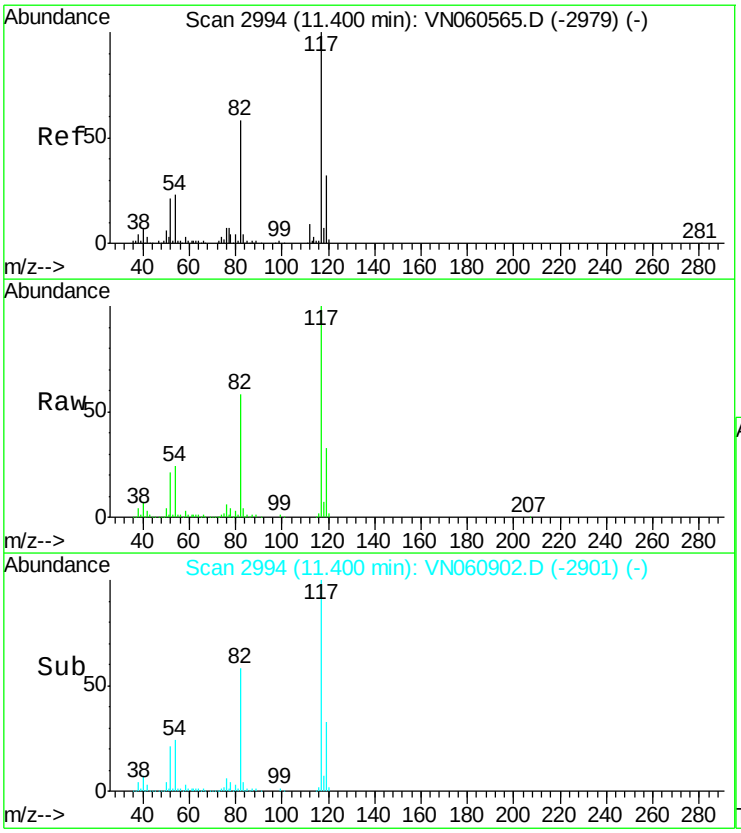
#62
4-Bromofluorobenzene
Concen: 51.511 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. -0.00 min
Lab File: VN060902.D
Acq: 8 Apr 2020 15:40

Instrument :
MSVOA_N
ClientSampleId :
30941

Tgt Ion: 95 Resp: 158110

Ion	Ratio	Lower	Upper
95	100		
174	77.2	0.0	157.6
176	75.5	0.0	150.6

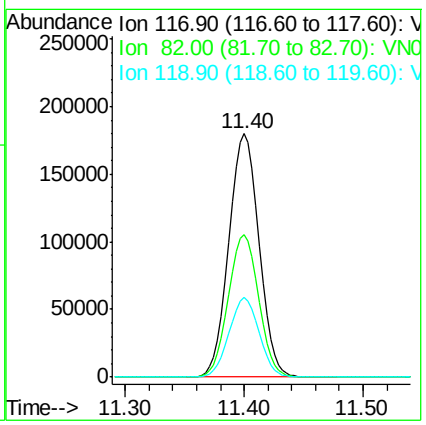


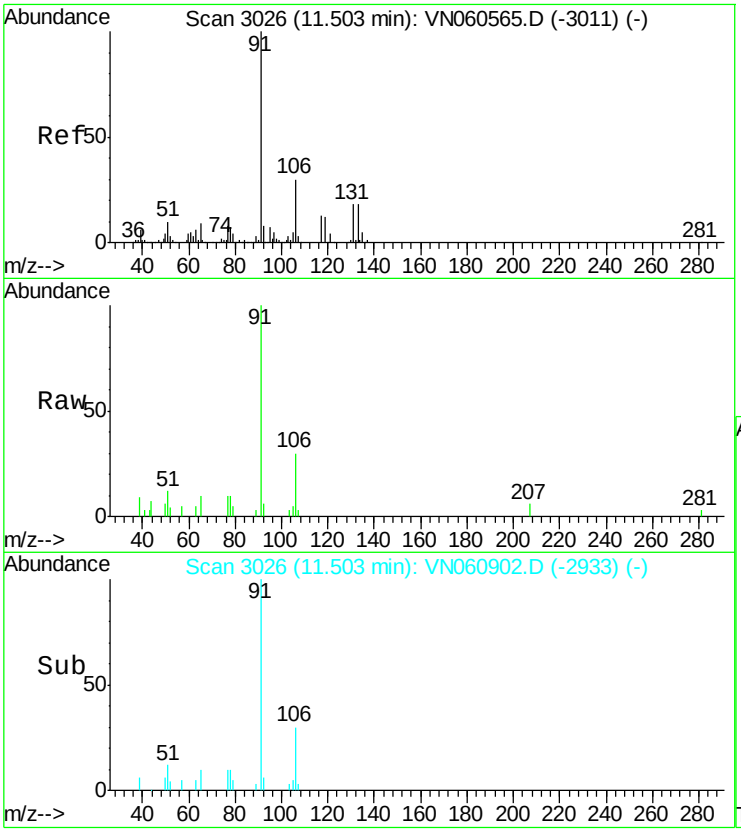


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. -0.00 min
Lab File: VN060902.D
Acq: 8 Apr 2020 15:40

Tgt Ion:117 Resp: 316666

Ion	Ratio	Lower	Upper
117	100		
82	58.5	46.7	70.1
119	32.5	25.5	38.3



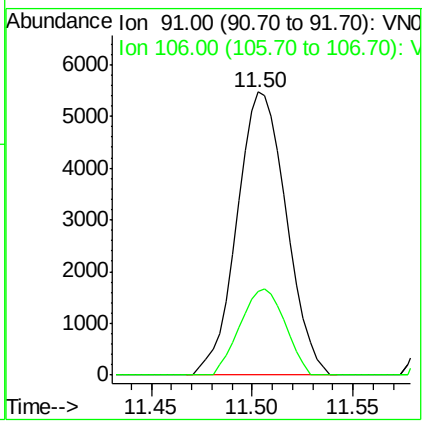


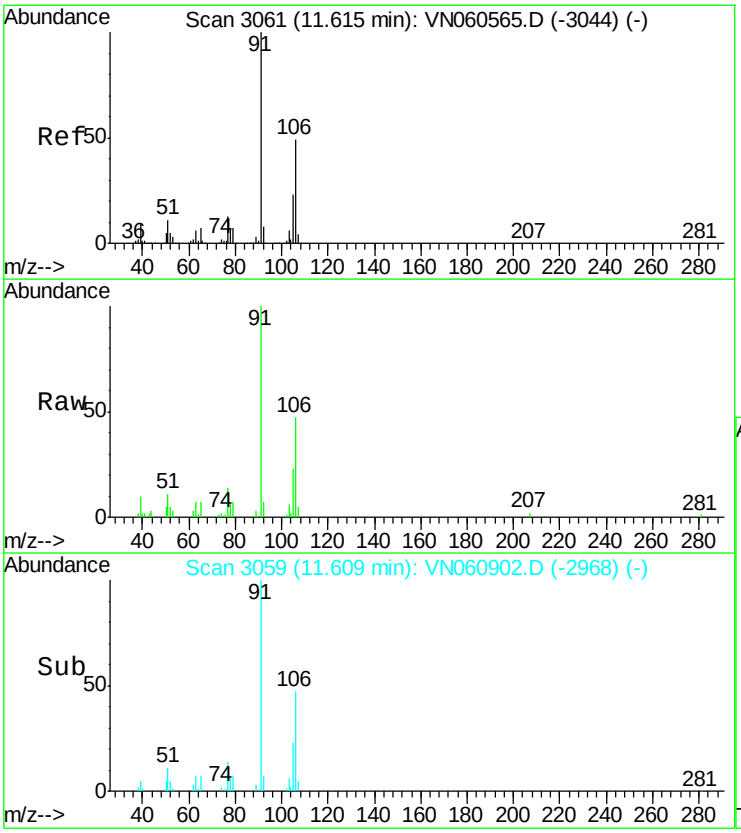
#67
Ethyl Benzene
Concen: 0.802 ug/l
RT: 11.50 min Scan# 3026
Delta R.T. -0.00 min
Lab File: VN060902.D
Acq: 8 Apr 2020 15:40

Instrument : MSVOA_N
ClientSampleId : 30941

Tgt Ion: 91 Resp: 9366

Ion	Ratio	Lower	Upper
91	100		
106	29.8	24.2	36.2

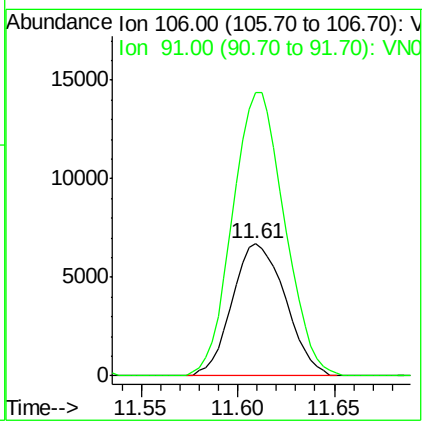


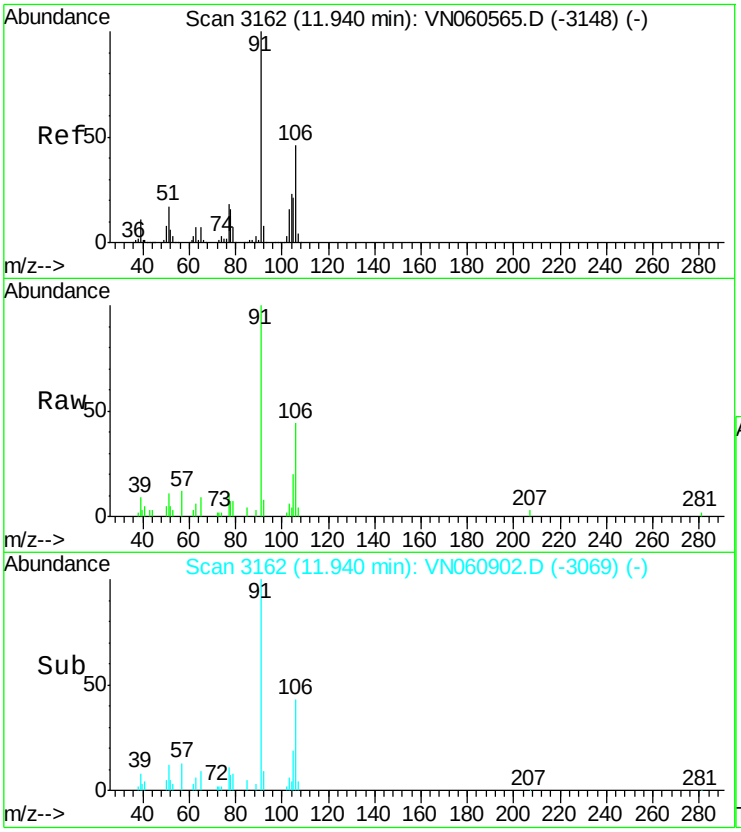


#68
m/p-Xylenes
Concen: 2.953 ug/l
RT: 11.61 min Scan# 3059
Delta R.T. -0.01 min
Lab File: VN060902.D
Acq: 8 Apr 2020 15:40

Tgt Ion:106 Resp: 12811

Ion	Ratio	Lower	Upper
106	100		
91	209.7	165.0	247.4



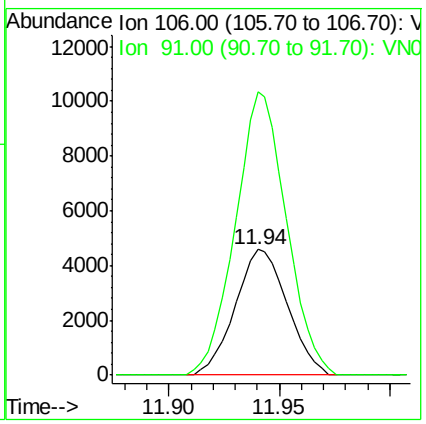


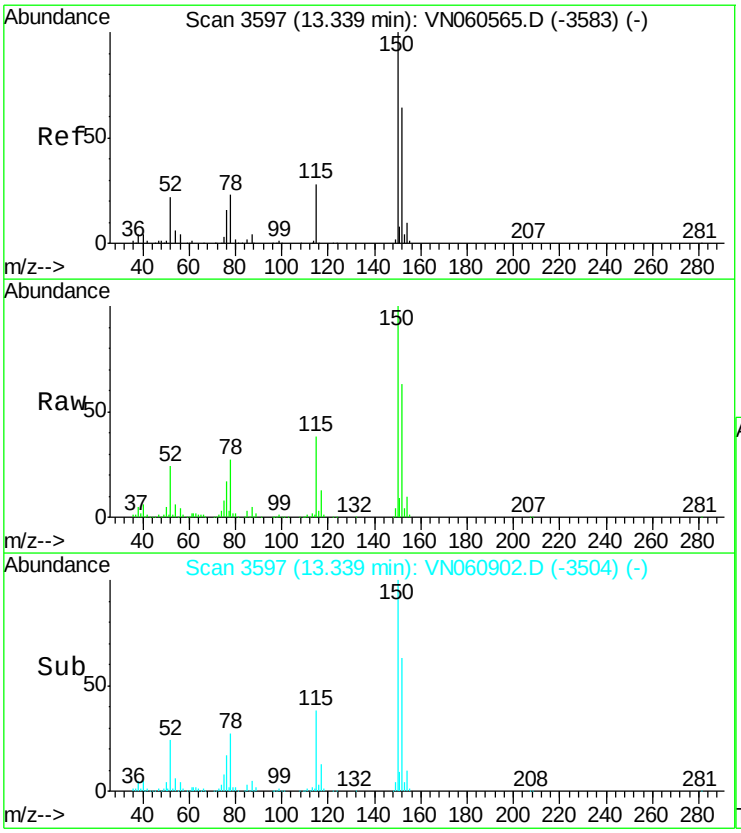
#69
o-Xylene
Concen: 1.813 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. -0.00 min
Lab File: VN060902.D
Acq: 8 Apr 2020 15:40

Instrument : MSVOA_N
ClientSampleId : 30941

Tgt Ion:106 Resp: 7509

Ion	Ratio	Lower	Upper
106	100		
91	220.0	109.5	328.4

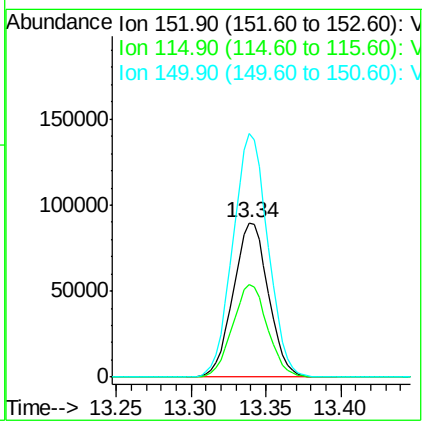


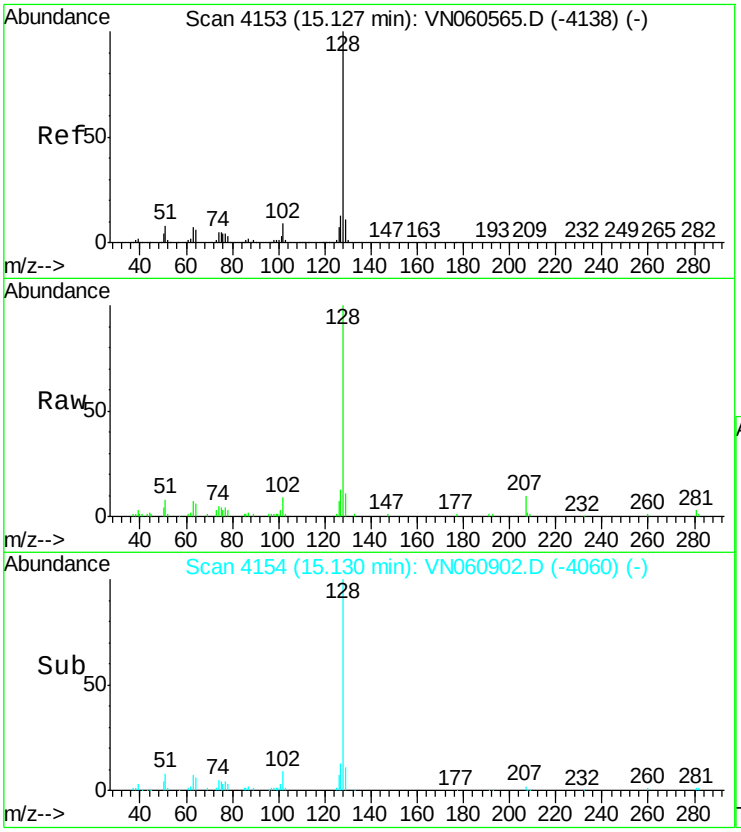


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. -0.00 min
Lab File: VN060902.D
Acq: 8 Apr 2020 15:40

Tgt Ion:152 Resp: 147068

Ion	Ratio	Lower	Upper
152	100		
115	59.7	30.2	90.6
150	157.4	0.0	350.2





#95
Naphthalene
Concen: 7.413 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. 0.00 min
Lab File: VN060902.D
Acq: 8 Apr 2020 15:40

Instrument :
MSVOA_N
ClientSampleId :
30941

Tgt Ion:128 Resp: 61413

Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.2	15.2
129	11.7	8.8	13.2