Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN073018\
Data File : VN050186.D
Acq On : 30 Jul 2018 14:44
Operator : MD\SY
Sample : J4184-01DL 20X
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MW-3BDL

Quant Time: Jul 31 15:06:35 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 26 18:10:10 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	647599	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1069290	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	875849	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	355456	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	449630	49.76	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.52%			
35) Dibromofluoromethane	7.59	113	406669	46.58	ug/l	0.00
Spiked Amount 50.000			Recovery = 93.16%			
50) Toluene-d8	10.09	98	1446652	45.07	ug/l	0.00
Spiked Amount 50.000			Recovery = 90.14%			
62) 4-Bromofluorobenzene	12.40	95	419500	39.69	ug/l	0.00
Spiked Amount 50.000			Recovery = 79.38%			
Target Compounds						Qvalue
40) Benzene	8.04	78	726215	19.81	ug/l	99
52) Toluene	10.16	92	67893	3.14	ug/l	98
67) Ethyl Benzene	11.51	91	968256	27.24	ug/l	100
68) m/p-Xylenes	11.63	106	102523	7.63	ug/l	99
69) o-Xylene	11.95	106	105010	8.19	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	90074	4.12	ug/l	98
95) Naphthalene	15.14	128	514071	33.29	ug/l	100

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

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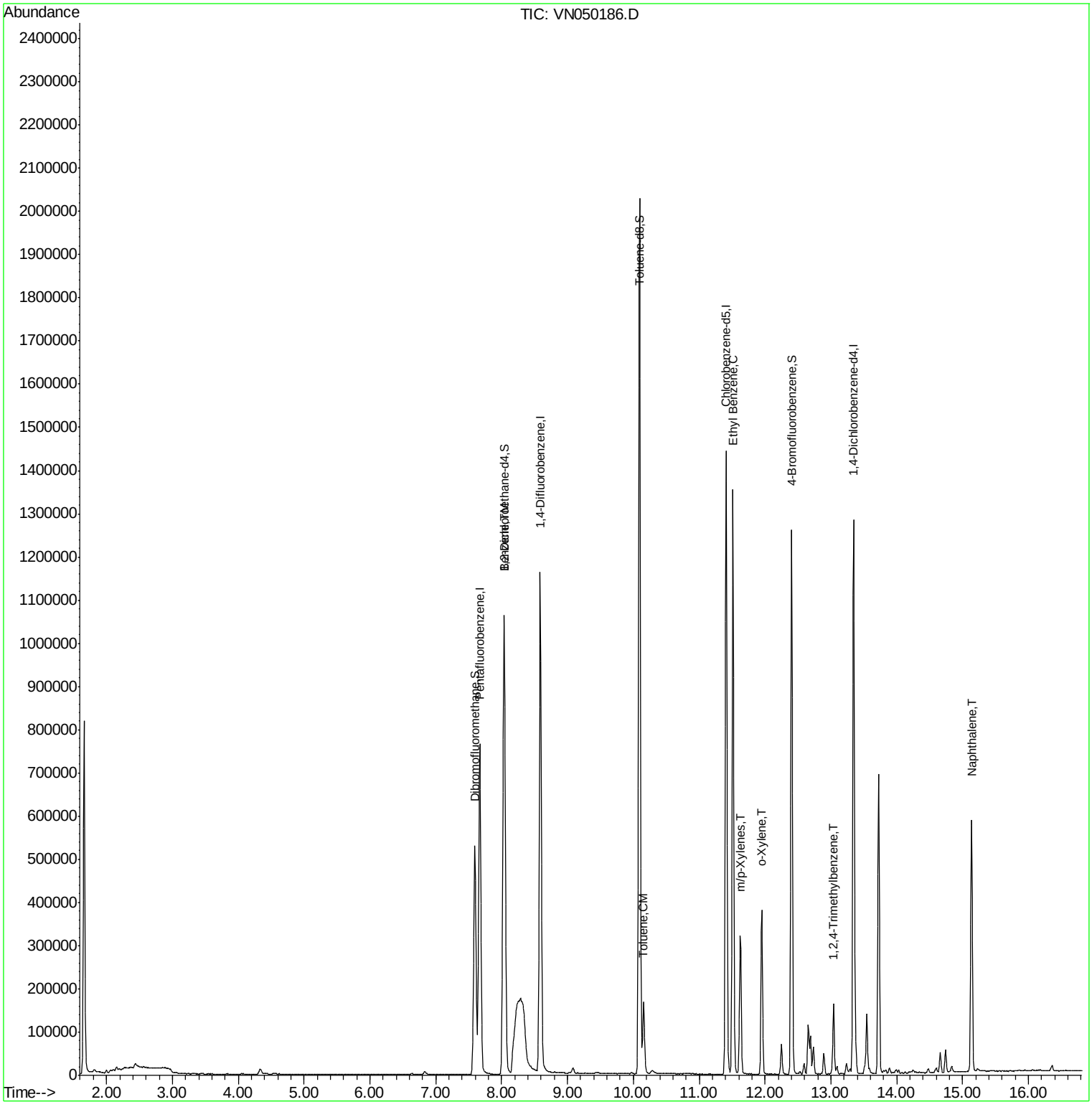
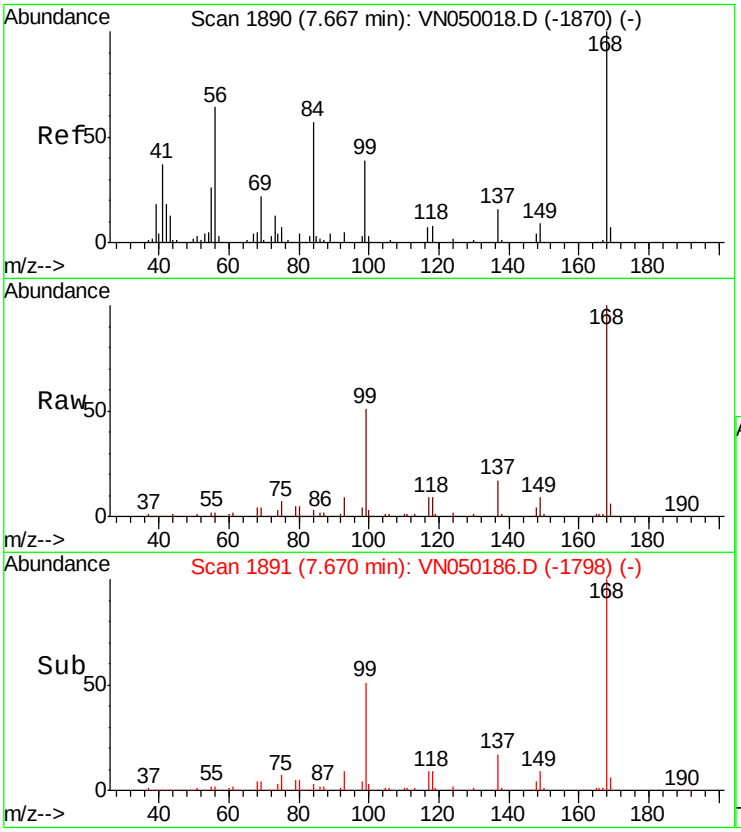


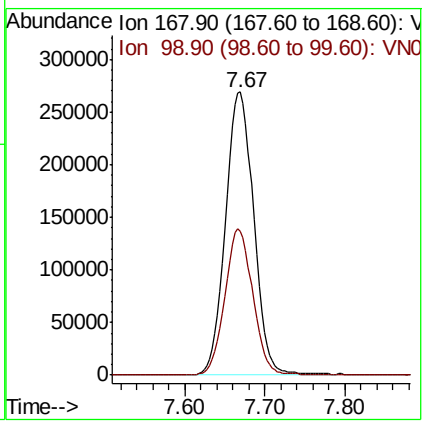


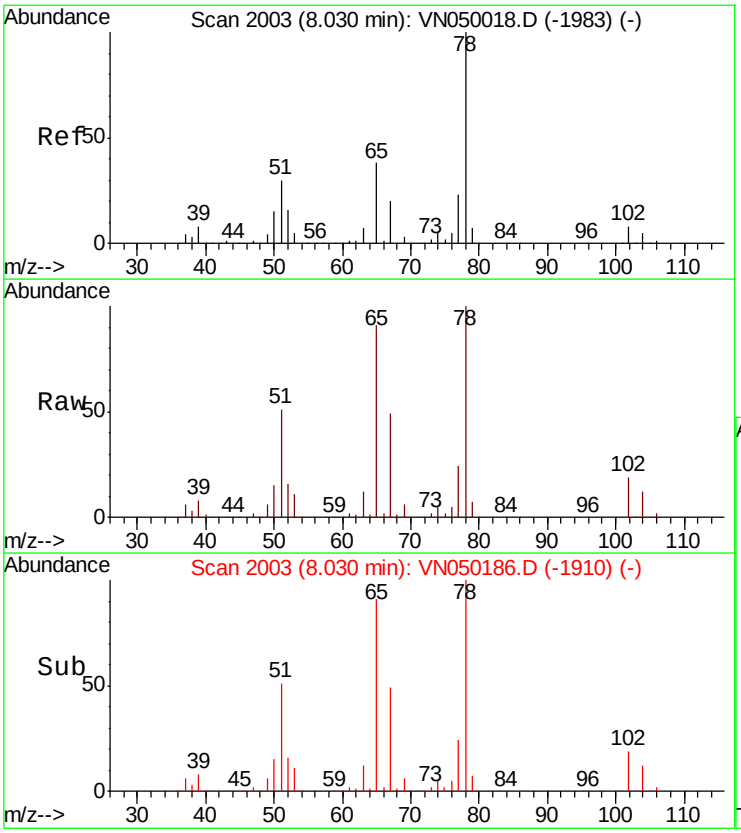
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.67 min Scan# 1891
Delta R.T. 0.00 min
Lab File: VN050186.D
Acq: 30 Jul 2018 14:44

Instrument :
MSVOA_N
ClientSampleId :
MW-3BDL

Tgt Ion:168 Resp: 647599

Ion	Ratio	Lower	Upper
168	100		
99	50.9	40.0	60.0

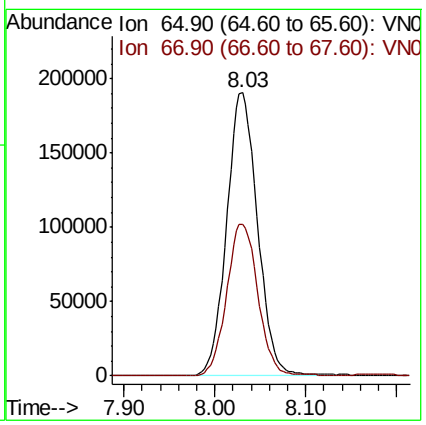


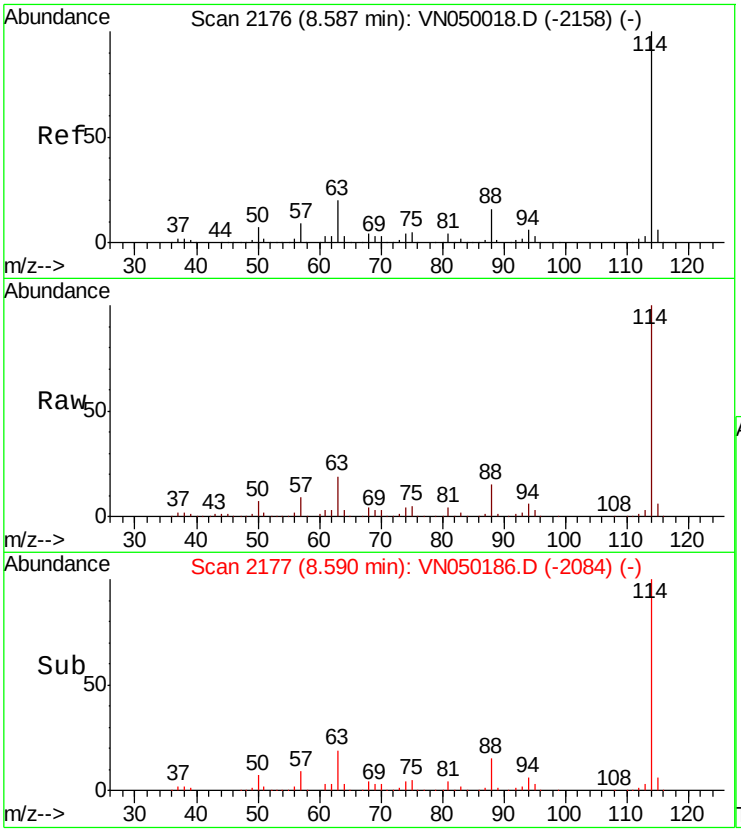


#33
1,2-Dichloroethane-d4
Concen: 49.76 ug/l
RT: 8.03 min Scan# 2003
Delta R.T. 0.00 min
Lab File: VN050186.D
Acq: 30 Jul 2018 14:44

Tgt Ion: 65 Resp: 449630

Ion	Ratio	Lower	Upper
65	100		
67	54.1	0.0	108.4



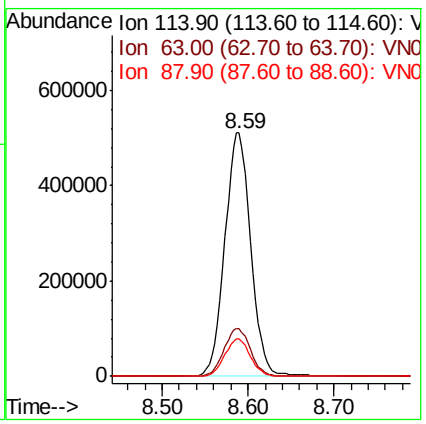


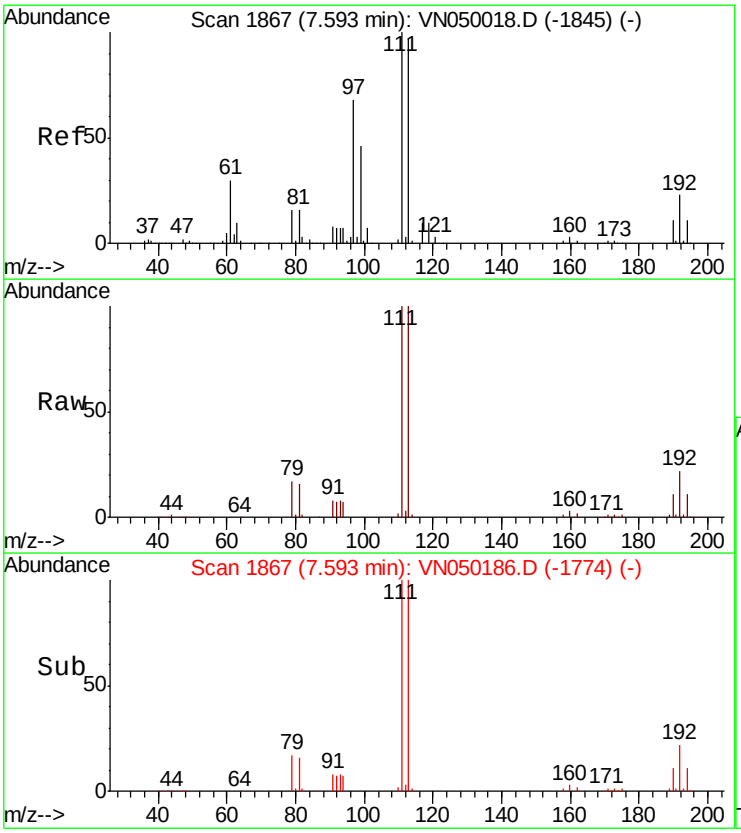
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.59 min Scan# 2177
Delta R.T. 0.00 min
Lab File: VN050186.D
Acq: 30 Jul 2018 14:44

Instrument :
MSVOA_N
ClientSampleId :
MW-3BDL

Tgt Ion:114 Resp: 1069290

Ion	Ratio	Lower	Upper
114	100		
63	19.4	0.0	40.0
88	15.3	0.0	31.2

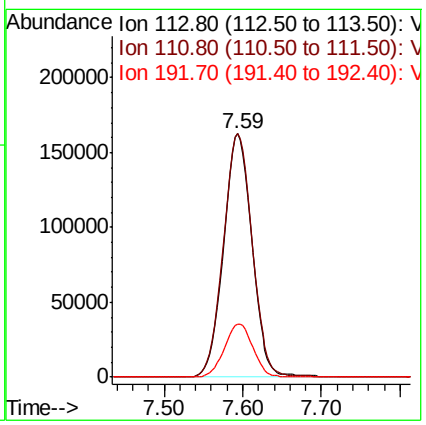


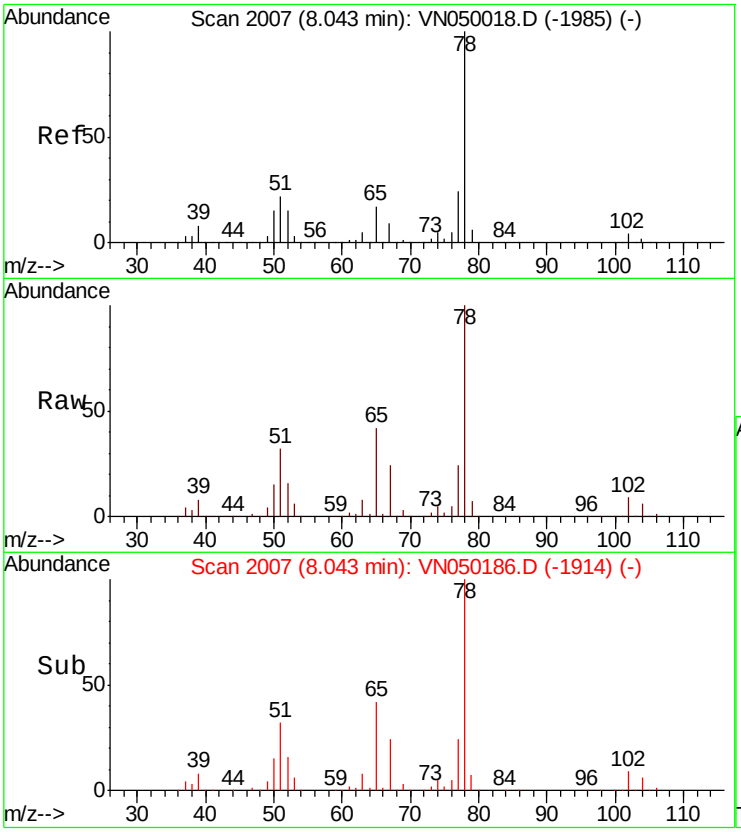


#35
Dibromofluoromethane
Concen: 46.58 ug/l
RT: 7.59 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VN050186.D
Acq: 30 Jul 2018 14:44

Tgt Ion:113 Resp: 406669

Ion	Ratio	Lower	Upper
113	100		
111	101.9	80.7	121.1
192	21.9	17.8	26.6



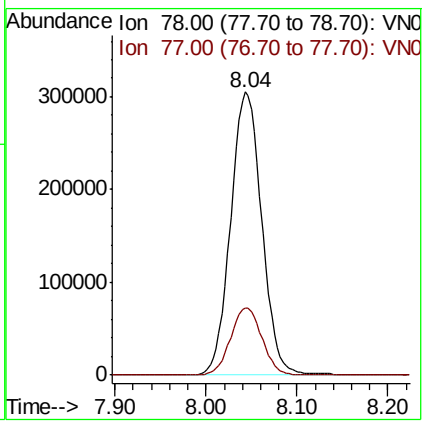


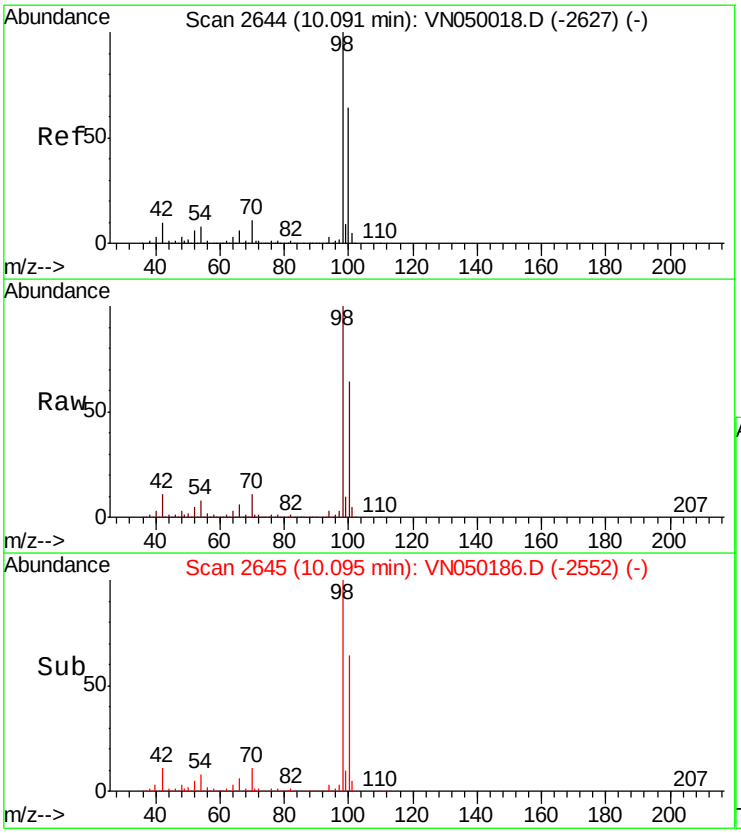
#40
Benzene
Concen: 19.81 ug/l
RT: 8.04 min Scan# 2007
Delta R.T. 0.00 min
Lab File: VN050186.D
Acq: 30 Jul 2018 14:44

Instrument :
MSVOA_N
ClientSampleId :
MW-3BDL

Tgt Ion: 78 Resp: 726215

Ion	Ratio	Lower	Upper
78	100		
77	23.9	18.7	28.1

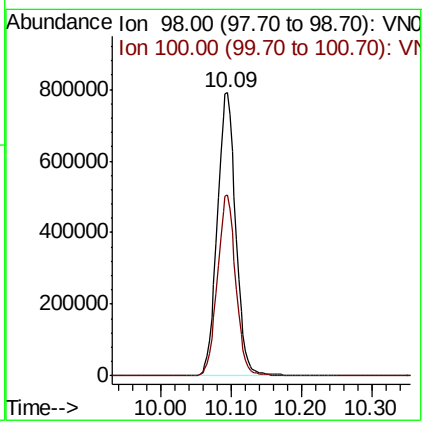


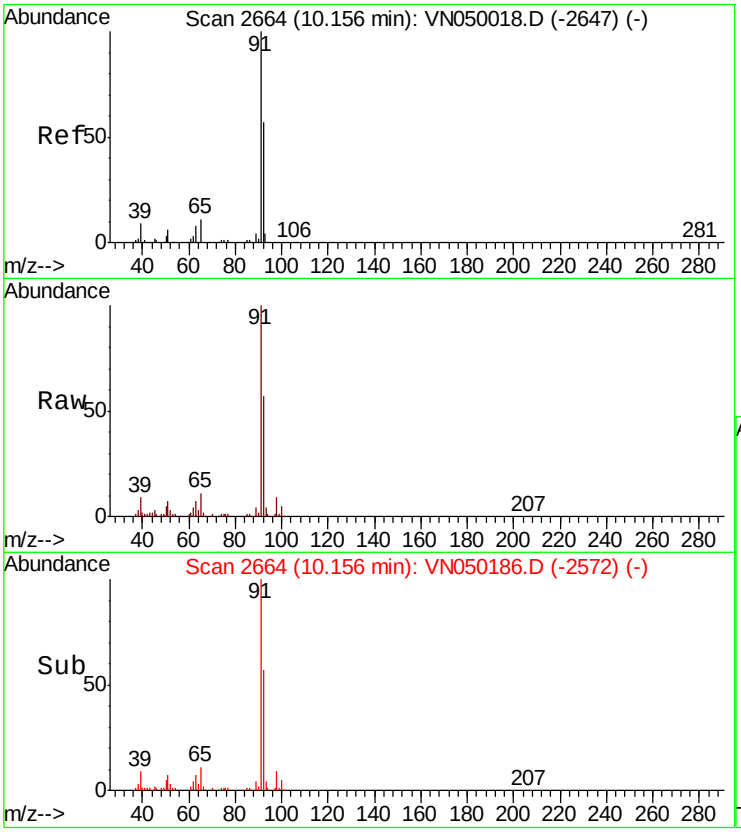


#50
Toluene-d8
Concen: 45.07 ug/l
RT: 10.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VN050186.D
Acq: 30 Jul 2018 14:44

Tgt Ion: 98 Resp: 1446652

Ion	Ratio	Lower	Upper
98	100		
100	63.2	50.7	76.1



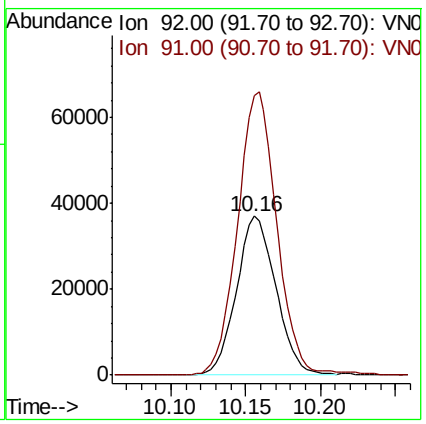


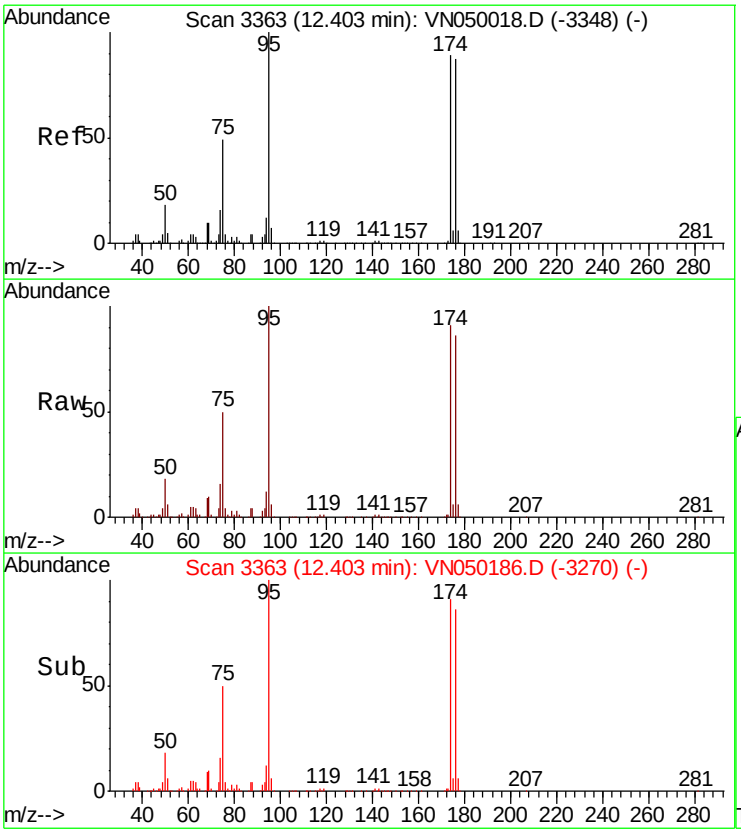
#52
Toluene
Concen: 3.14 ug/l
RT: 10.16 min Scan# 2664
Delta R.T. -0.00 min
Lab File: VN050186.D
Acq: 30 Jul 2018 14:44

Instrument :
MSVOA_N
ClientSampleId :
MW-3BDL

Tgt Ion: 92 Resp: 67893

Ion	Ratio	Lower	Upper
92	100		
91	178.4	140.3	210.5

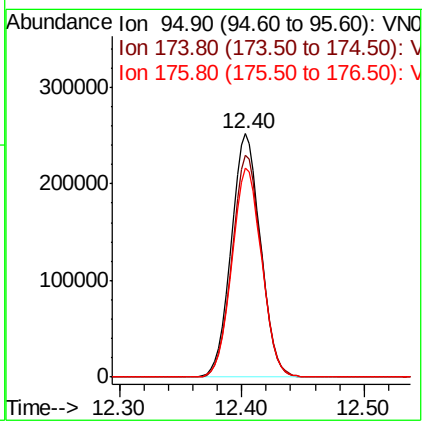


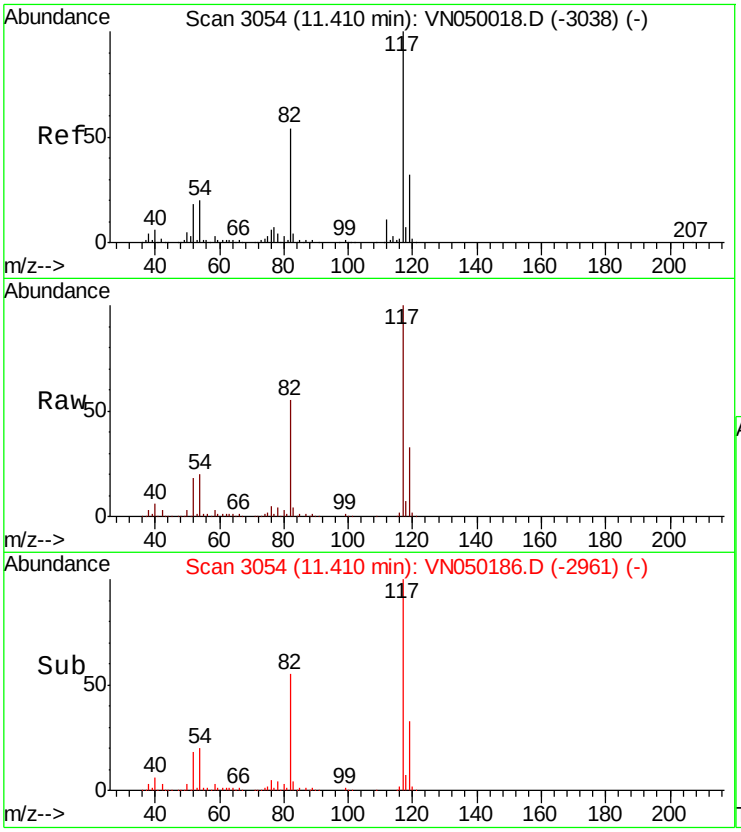


#62
4-Bromofluorobenzene
Concen: 39.69 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN050186.D
Acq: 30 Jul 2018 14:44

Tgt Ion: 95 Resp: 419500

Ion	Ratio	Lower	Upper
95	100		
174	91.6	0.0	178.2
176	87.0	0.0	173.4



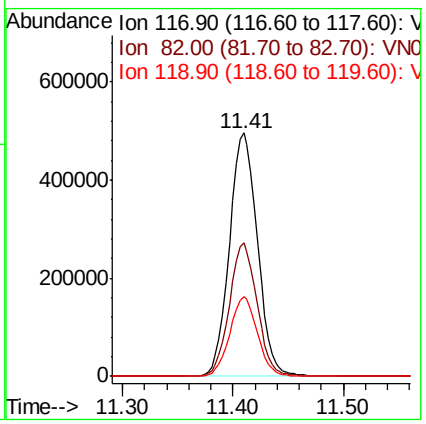


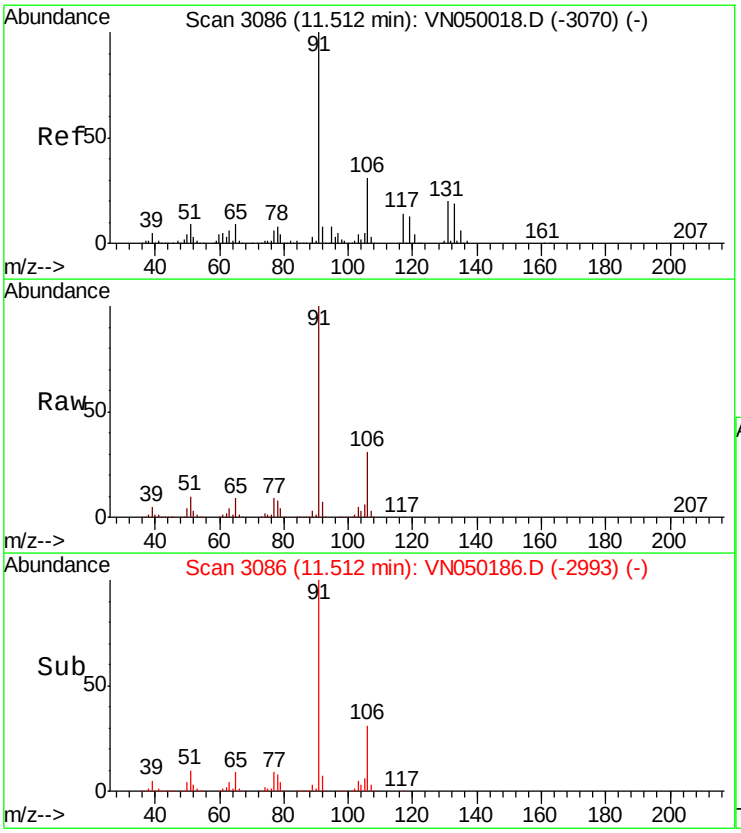
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050186.D
Acq: 30 Jul 2018 14:44

Instrument : MSVOA_N
ClientSampleId : MW-3BDL

Tgt Ion:117 Resp: 875849

Ion	Ratio	Lower	Upper
117	100		
82	54.6	43.7	65.5
119	32.7	26.1	39.1

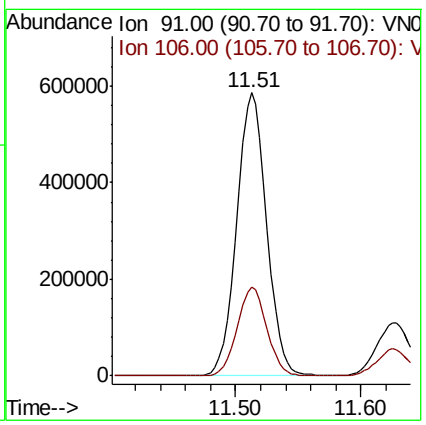


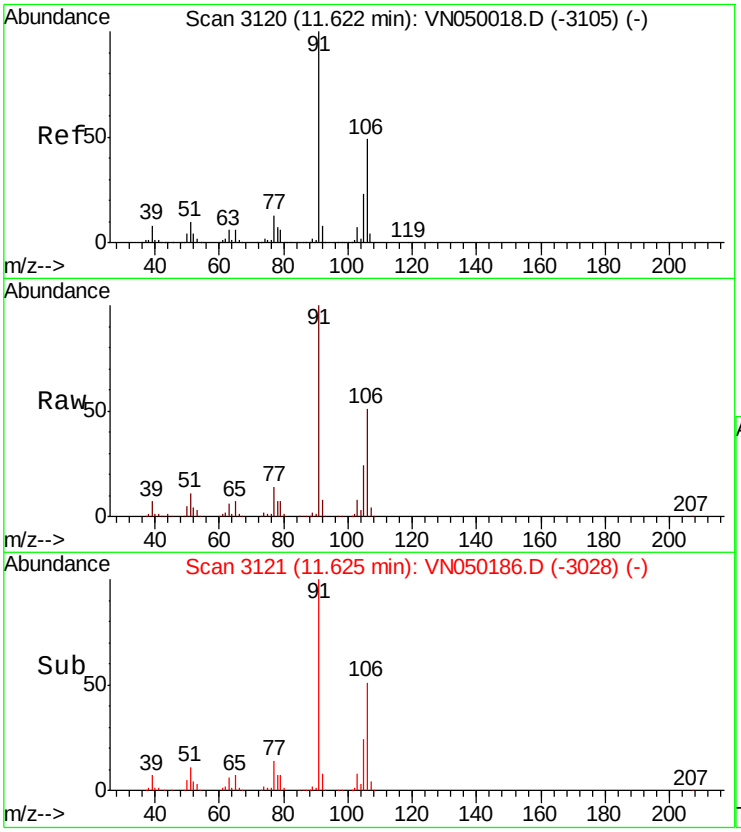


#67
Ethyl Benzene
Concen: 27.24 ug/l
RT: 11.51 min Scan# 3086
Delta R.T. 0.00 min
Lab File: VN050186.D
Acq: 30 Jul 2018 14:44

Tgt Ion: 91 Resp: 968256

Ion	Ratio	Lower	Upper
91	100		
106	31.4	25.0	37.4



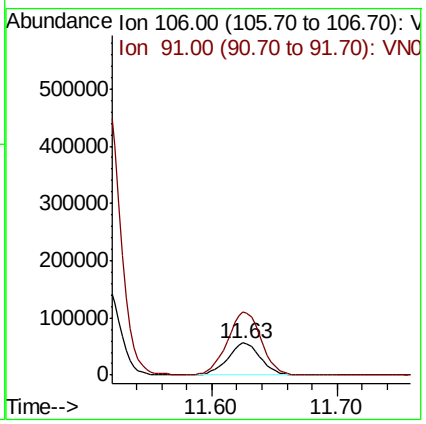


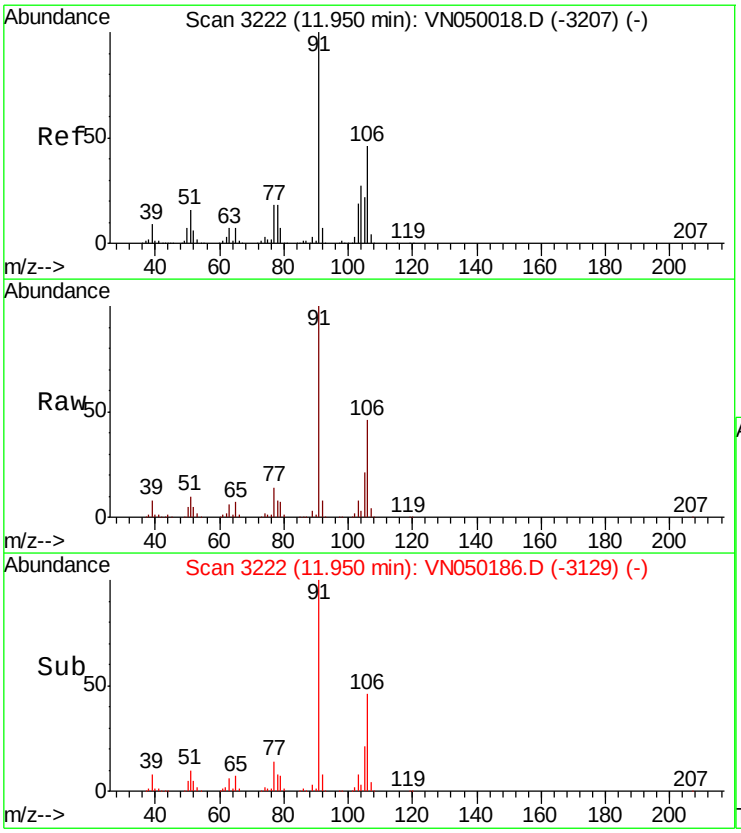
#68
m/p-Xylenes
Concen: 7.63 ug/l
RT: 11.63 min Scan# 3121
Delta R.T. 0.00 min
Lab File: VN050186.D
Acq: 30 Jul 2018 14:44

Instrument :
MSVOA_N
ClientSampleId :
MW-3BDL

Tgt Ion:106 Resp: 102523

Ion	Ratio	Lower	Upper
106	100		
91	201.3	162.2	243.2

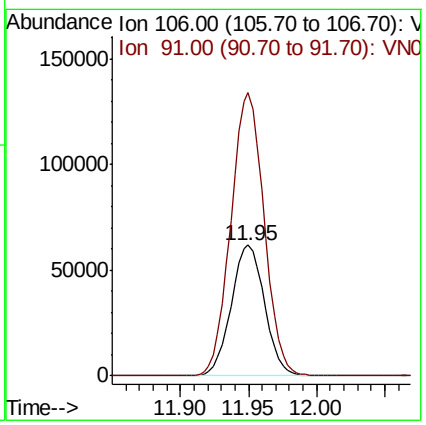


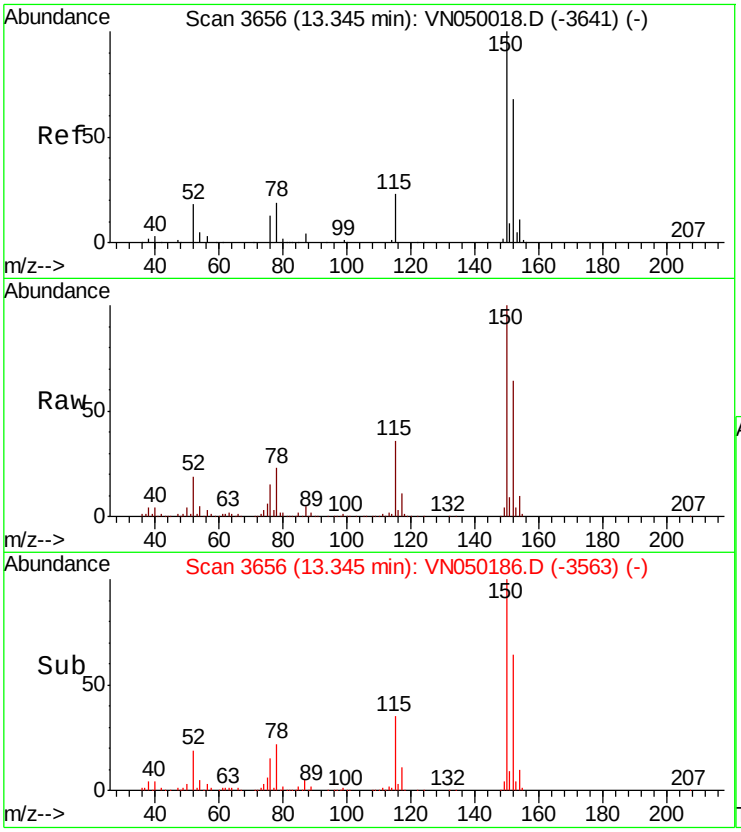


#69
o-Xylene
Concen: 8.19 ug/l
RT: 11.95 min Scan# 3222
Delta R.T. 0.00 min
Lab File: VN050186.D
Acq: 30 Jul 2018 14:44

Tgt Ion:106 Resp: 105010

Ion	Ratio	Lower	Upper
106	100		
91	215.9	107.7	323.1



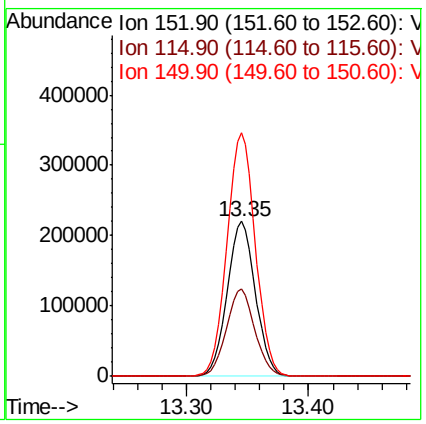


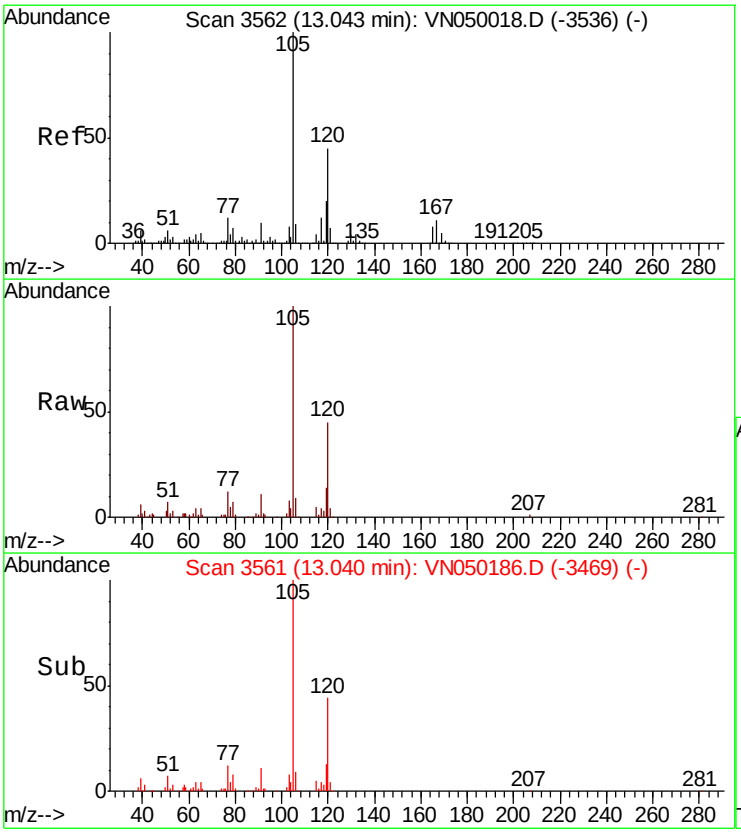
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. 0.00 min
Lab File: VN050186.D
Acq: 30 Jul 2018 14:44

Instrument : MSVOA_N
ClientSampleId : MW-3BDL

Tgt Ion:152 Resp: 355456

Ion	Ratio	Lower	Upper
152	100		
115	56.6	27.8	83.3
150	157.6	0.0	348.6

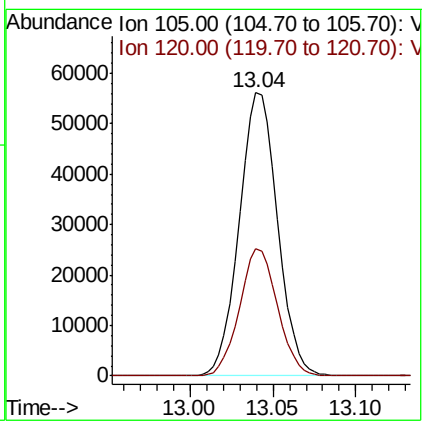


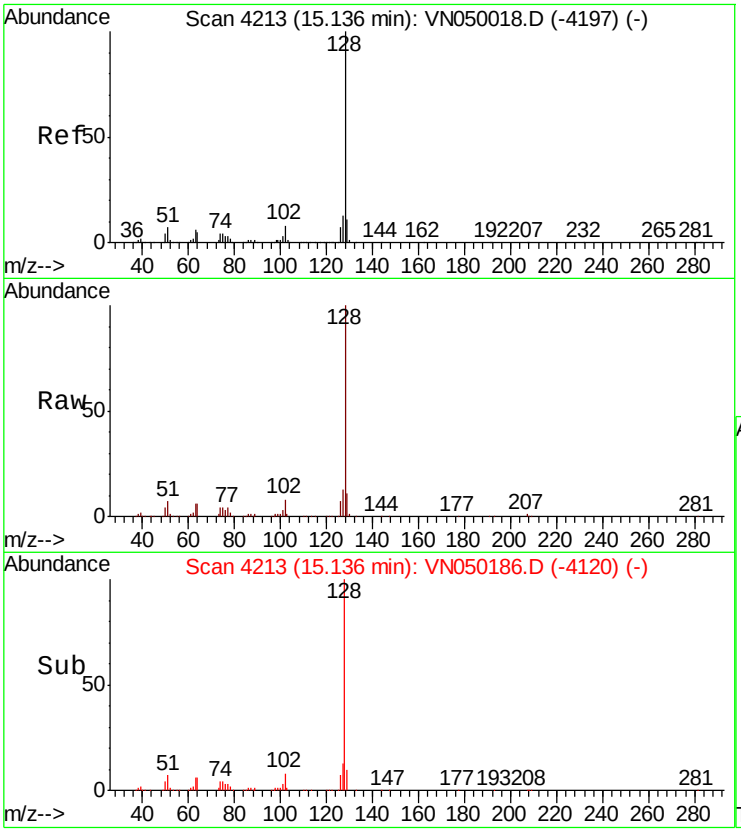


#84
1,2,4-Trimethylbenzene
Concen: 4.12 ug/l
RT: 13.04 min Scan# 3561
Delta R.T. -0.00 min
Lab File: VN050186.D
Acq: 30 Jul 2018 14:44

Tgt Ion:105 Resp: 90074

Ion	Ratio	Lower	Upper
105	100		
120	44.5	22.9	68.7





#95
Naphthalene
Concen: 33.29 ug/l
RT: 15.14 min Scan# 4213
Delta R.T. 0.00 min
Lab File: VN050186.D
Acq: 30 Jul 2018 14:44

Instrument :
MSVOA_N
ClientSampleId :
MW-3BDL

Tgt Ion:128 Resp: 514071

Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.4	15.6
129	10.9	8.8	13.2