Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN072618\
Data File : VN050104.D
Acq On : 27 Jul 2018 1:10
Operator : MD\SY
Sample : J4184-11
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MW-7BSA

Quant Time: Jul 27 09:43:40 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	693459	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1115128	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	943999	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	418243	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	479794	49.59	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.18%			
35) Dibromofluoromethane	7.59	113	421487	46.29	ug/l	0.00
Spiked Amount 50.000			Recovery = 92.58%			
50) Toluene-d8	10.09	98	1528420	45.66	ug/l	0.00
Spiked Amount 50.000			Recovery = 91.32%			
62) 4-Bromofluorobenzene	12.40	95	479166	43.47	ug/l	0.00
Spiked Amount 50.000			Recovery = 86.94%			
Target Compounds						Qvalue
40) Benzene	8.05	78	1357214	35.50	ug/l	100
52) Toluene	10.16	92	168523	7.47	ug/l	99
67) Ethyl Benzene	11.51	91	764037	19.95	ug/l	99
68) m/p-Xylenes	11.63	106	167551	11.56	ug/l	99
69) o-Xylene	11.95	106	143387	10.38	ug/l	99
73) Isopropylbenzene	12.25	105	172589	5.32	ug/l	99
78) n-propylbenzene	12.59	91	35971	0.99	ug/l	98
80) 1,3,5-Trimethylbenzene	12.73	105	27487	1.08	ug/l	93
84) 1,2,4-Trimethylbenzene	13.04	105	136966	5.33	ug/l	100
86) p-Isopropyltoluene	13.29	119	9062	0.36	ug/l	95
95) Naphthalene	15.14	128	981232	51.25	ug/l	100

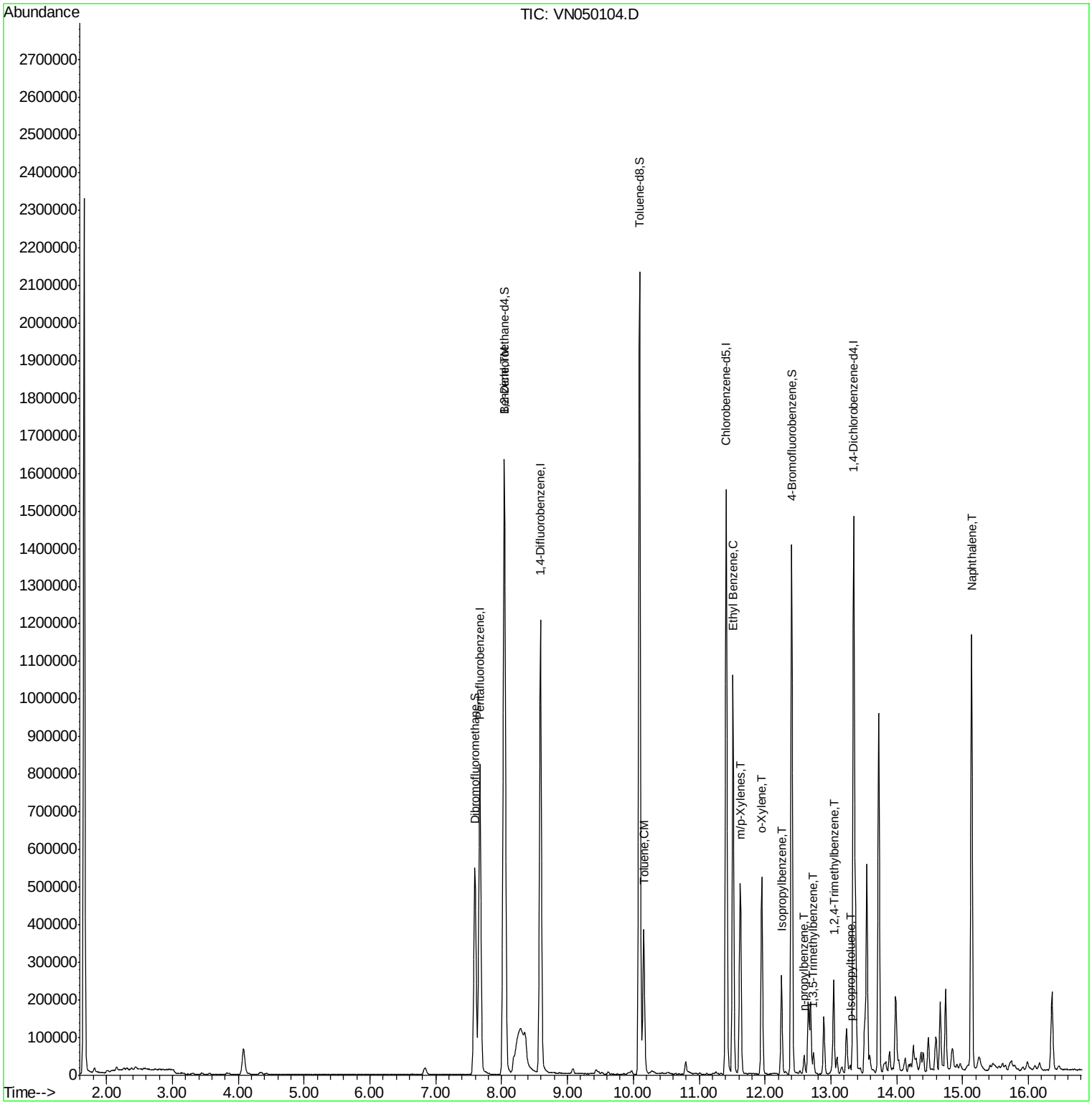
(#) = qualifier out of range (m) = manual integration (+) = signals summed

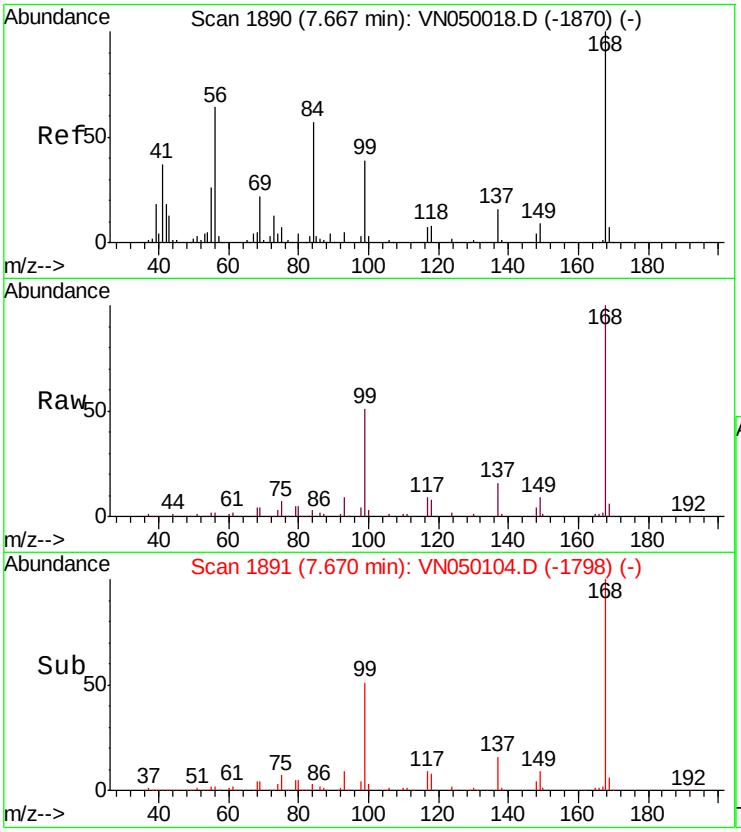
Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN072618\
Data File : VN050104.D
Acq On : 27 Jul 2018 1:10
Operator : MD\SY
Sample : J4184-11
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-7BSA

Quant Time: Jul 27 09:43:40 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



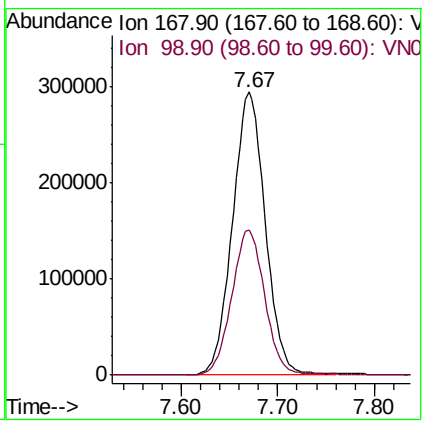


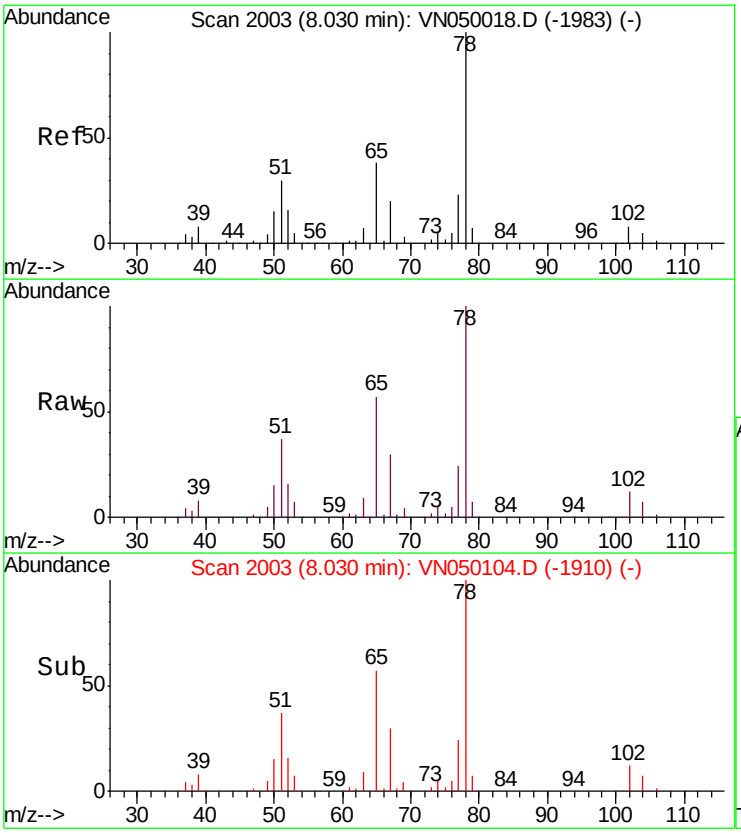
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.67 min Scan# 1891
Delta R.T. 0.00 min
Lab File: VN050104.D
Acq: 27 Jul 2018 1:10

Instrument :
MSVOA_N
ClientSampleId :
MW-7BSA

Tgt Ion:168 Resp: 693459

Ion	Ratio	Lower	Upper
168	100		
99	51.3	40.0	60.0

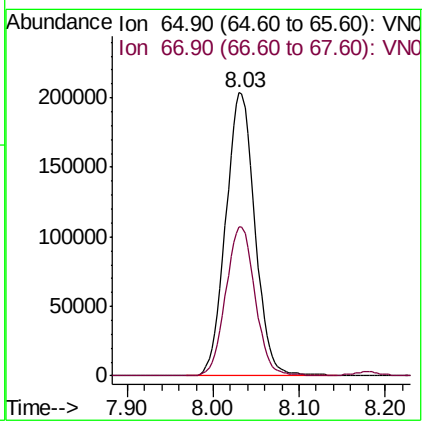


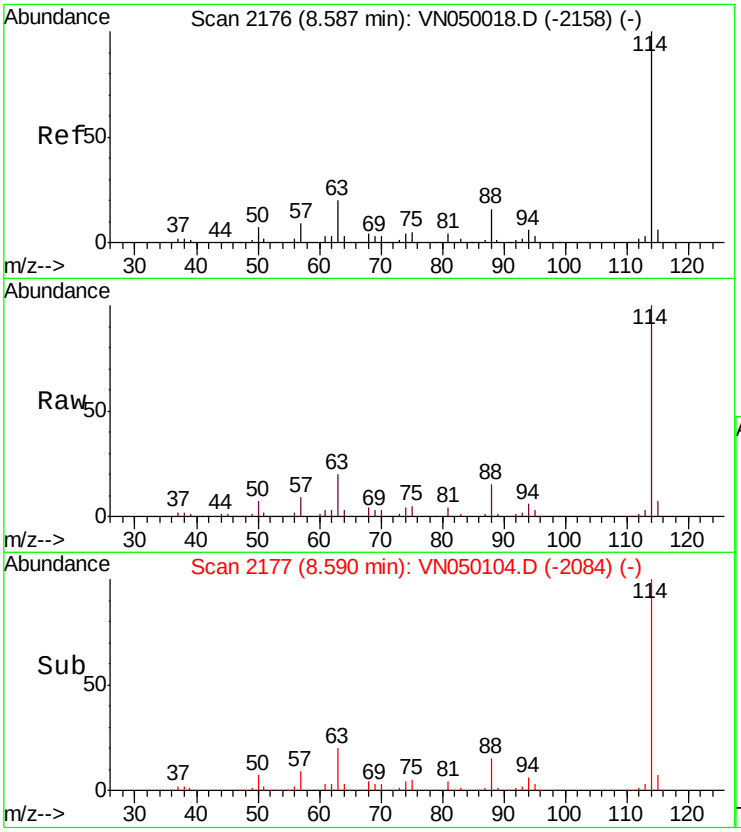


#33
1,2-Dichloroethane-d4
Concen: 49.59 ug/l
RT: 8.03 min Scan# 2003
Delta R.T. 0.00 min
Lab File: VN050104.D
Acq: 27 Jul 2018 1:10

Tgt Ion: 65 Resp: 479794

Ion	Ratio	Lower	Upper
65	100		
67	53.0	0.0	108.4



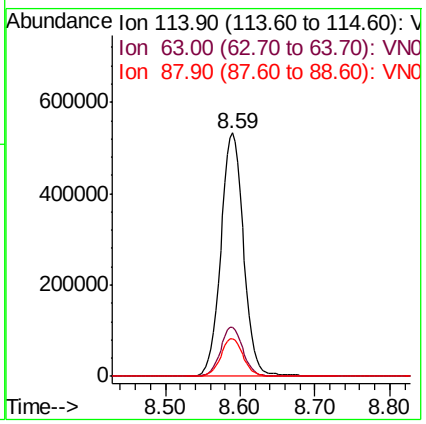


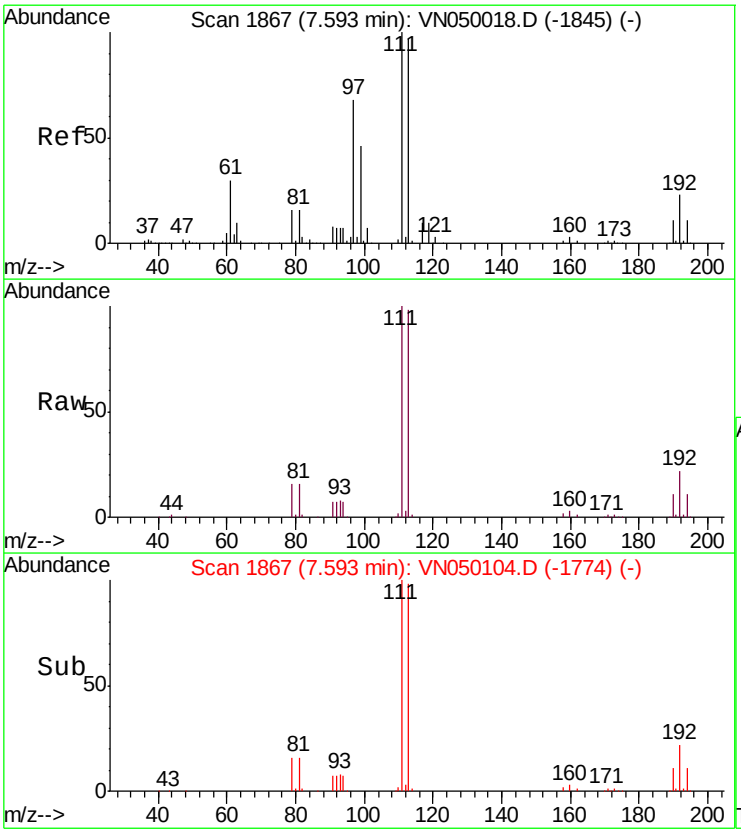
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.59 min Scan# 2177
Delta R.T. 0.00 min
Lab File: VN050104.D
Acq: 27 Jul 2018 1:10

Instrument :
MSVOA_N
ClientSampleId :
MW-7BSA

Tgt Ion:114 Resp: 1115128

Ion	Ratio	Lower	Upper
114	100		
63	20.0	0.0	40.0
88	15.5	0.0	31.2

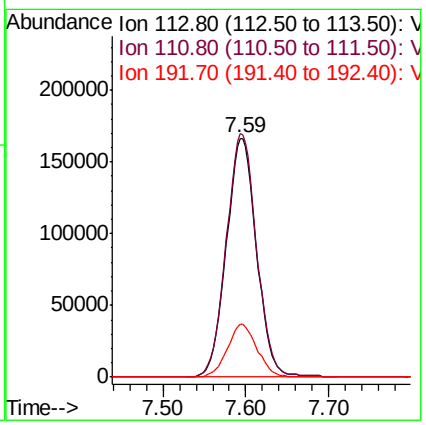


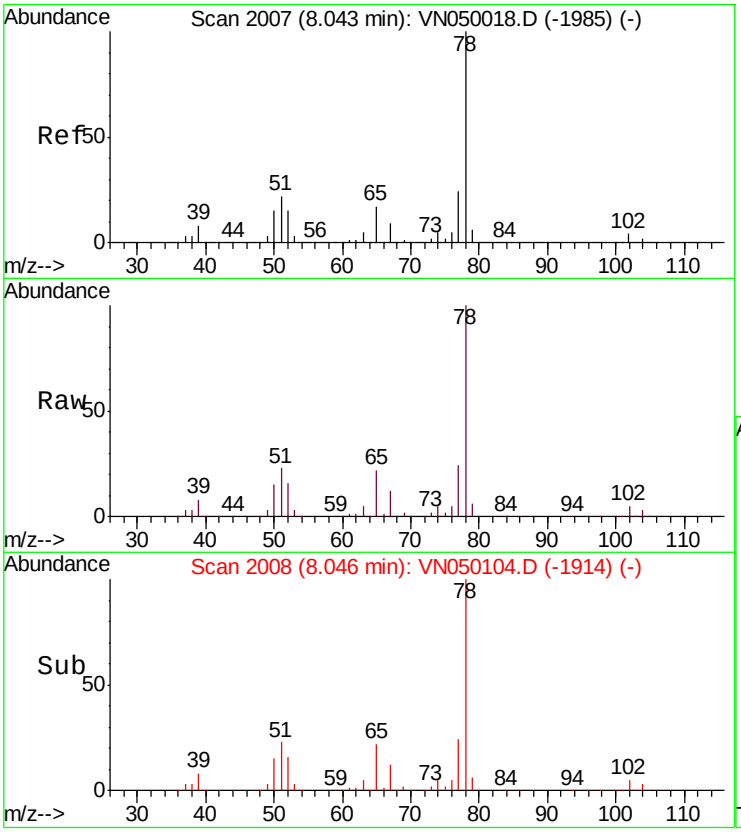


#35
Dibromofluoromethane
Concen: 46.29 ug/l
RT: 7.59 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VN050104.D
Acq: 27 Jul 2018 1:10

Tgt Ion:113 Resp: 421487

Ion	Ratio	Lower	Upper
113	100		
111	102.6	80.7	121.1
192	21.7	17.8	26.6



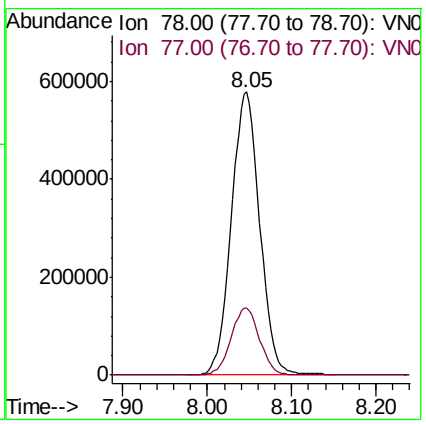


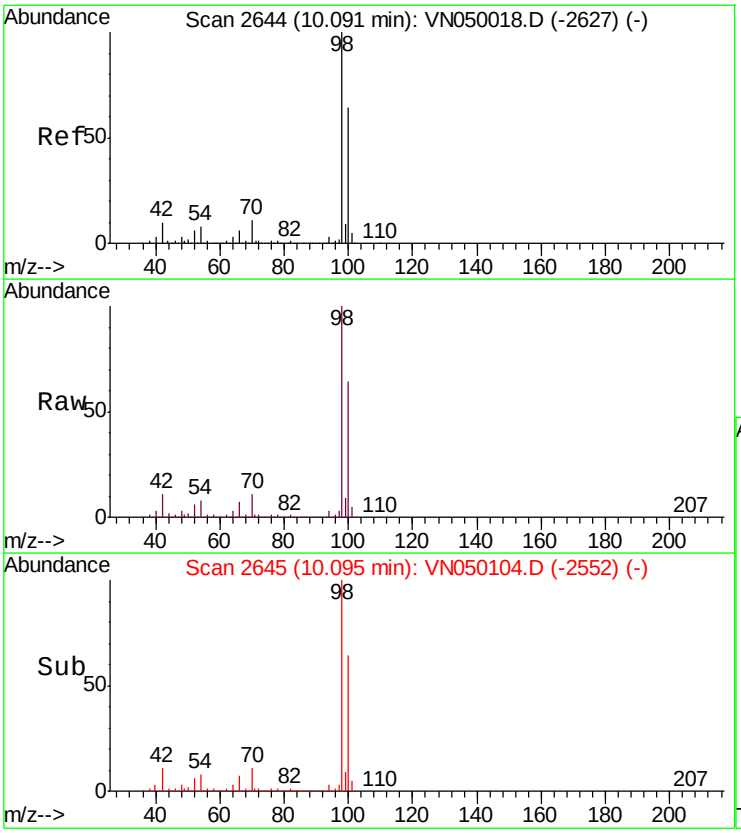
#40
Benzene
Concen: 35.50 ug/l
RT: 8.05 min Scan# 2008
Delta R.T. 0.00 min
Lab File: VN050104.D
Acq: 27 Jul 2018 1:10

Instrument :
MSVOA_N
ClientSampleId :
MW-7BSA

Tgt Ion: 78 Resp: 1357214

Ion	Ratio	Lower	Upper
78	100		
77	23.6	18.7	28.1

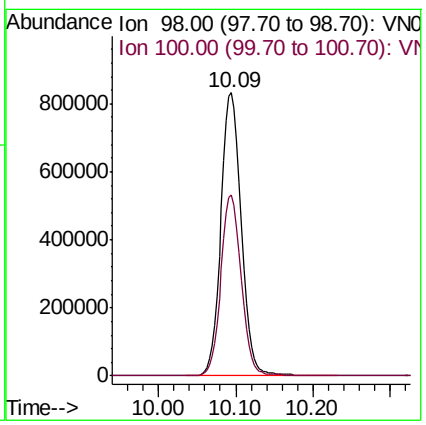


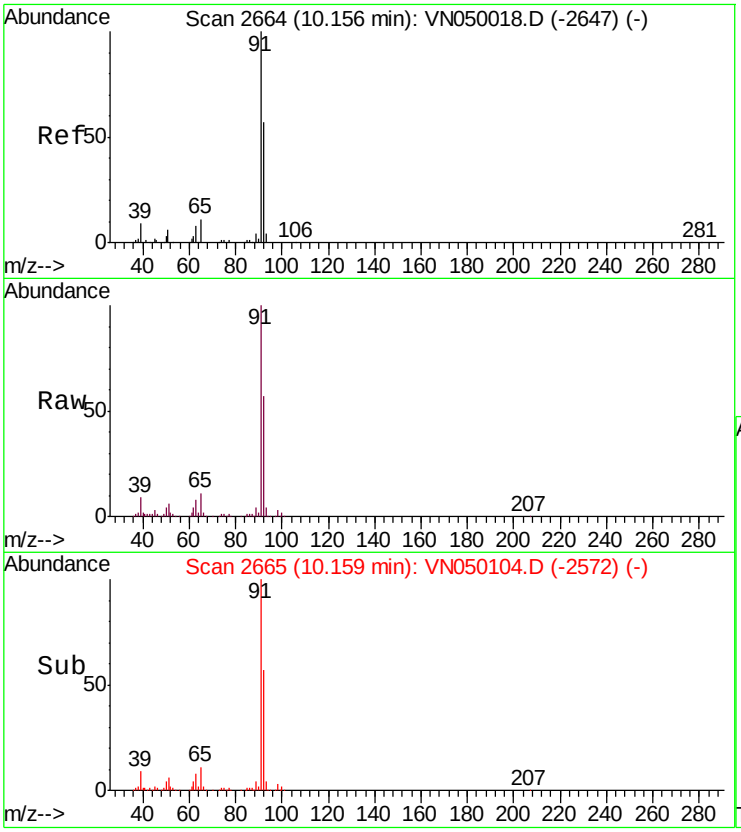


#50
Toluene-d8
Concen: 45.66 ug/l
RT: 10.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VN050104.D
Acq: 27 Jul 2018 1:10

Tgt Ion: 98 Resp: 1528420

Ion	Ratio	Lower	Upper
98	100		
100	63.9	50.7	76.1



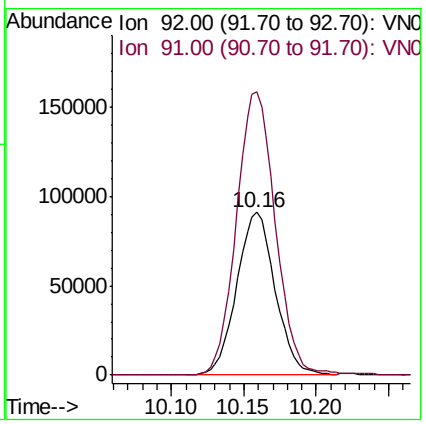


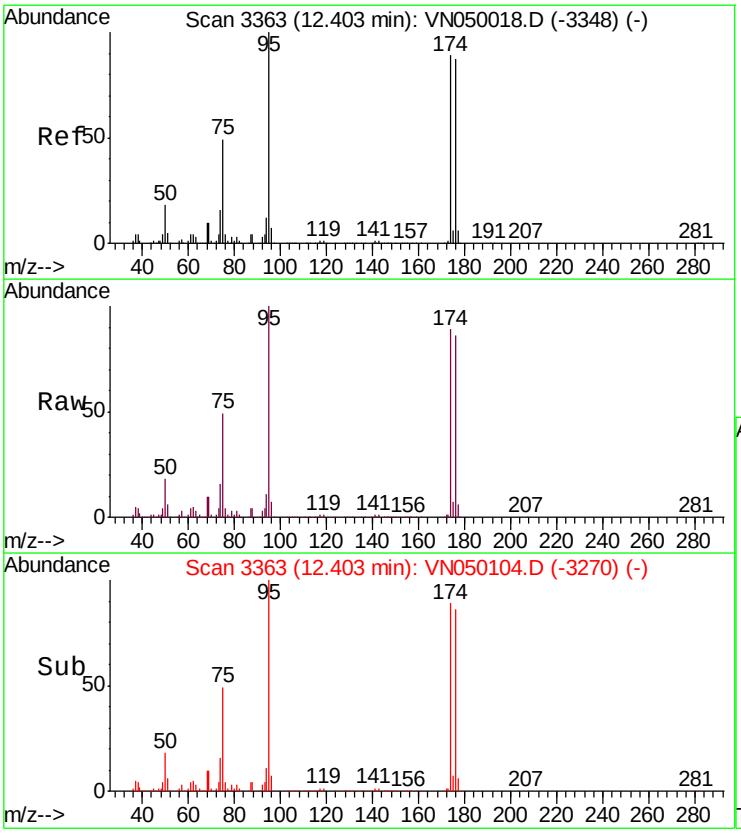
#52
Toluene
Concen: 7.47 ug/l
RT: 10.16 min Scan# 2665
Delta R.T. 0.00 min
Lab File: VN050104.D
Acq: 27 Jul 2018 1:10

Instrument :
MSVOA_N
ClientSampleId :
MW-7BSA

Tgt Ion: 92 Resp: 168523

Ion	Ratio	Lower	Upper
92	100		
91	177.1	140.3	210.5

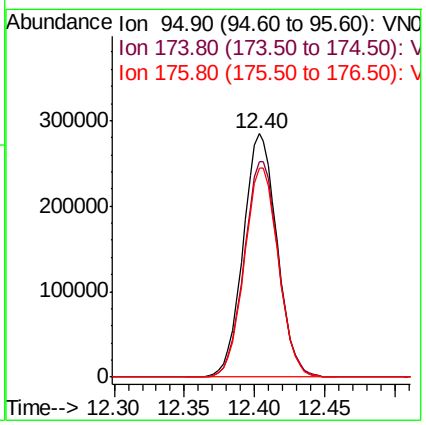


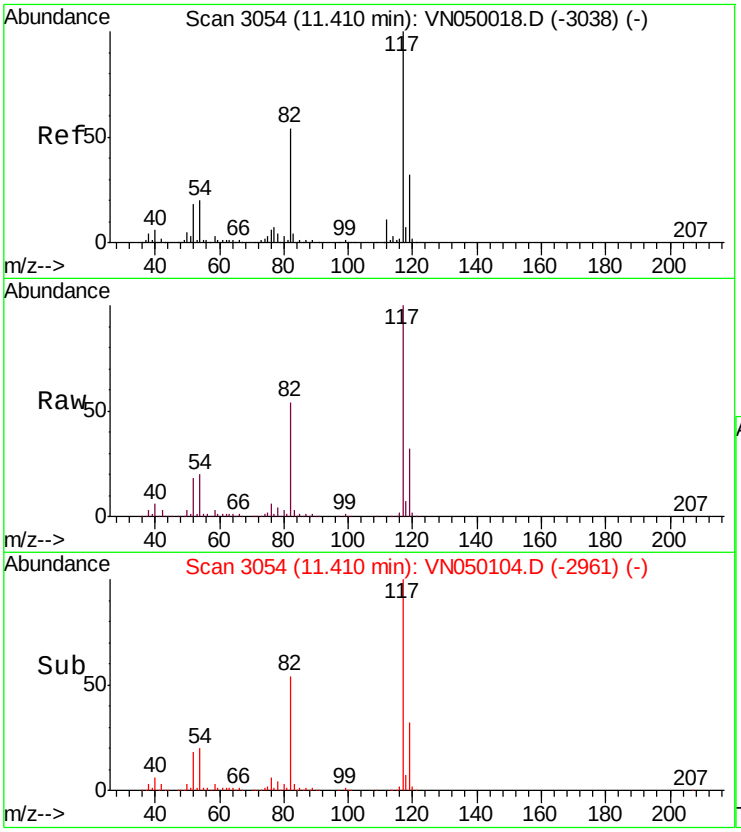


#62
4-Bromofluorobenzene
Concen: 43.47 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN050104.D
Acq: 27 Jul 2018 1:10

Tgt Ion: 95 Resp: 479166

Ion	Ratio	Lower	Upper
95	100		
174	89.6	0.0	178.2
176	86.5	0.0	173.4



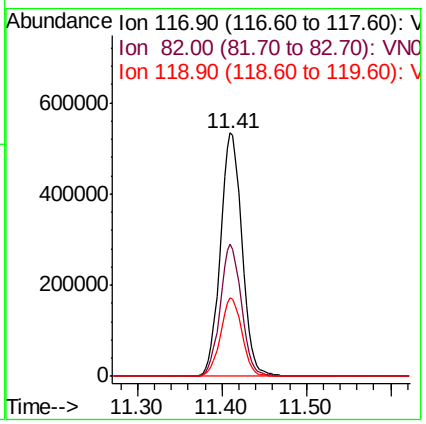


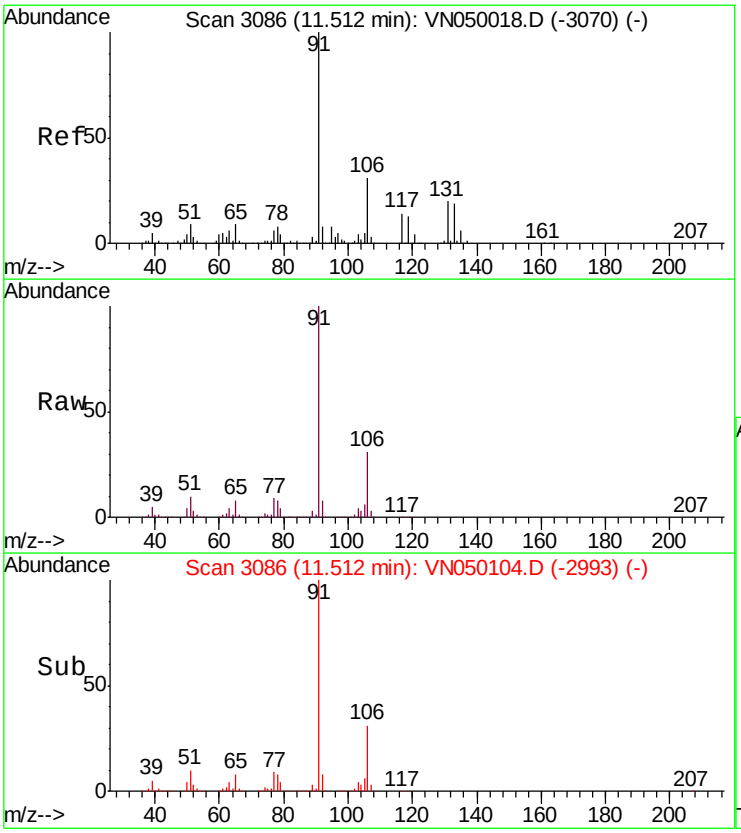
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050104.D
Acq: 27 Jul 2018 1:10

Instrument : MSVOA_N
ClientSampleId : MW-7BSA

Tgt Ion:117 Resp: 943999

Ion	Ratio	Lower	Upper
117	100		
82	54.2	43.7	65.5
119	32.1	26.1	39.1

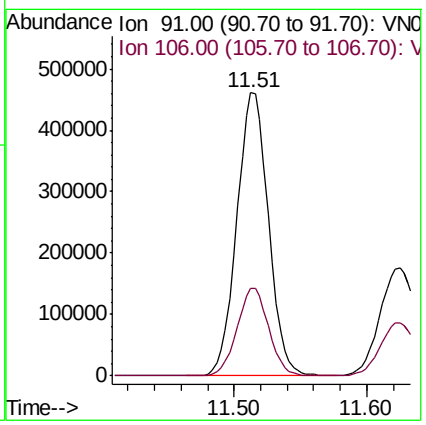


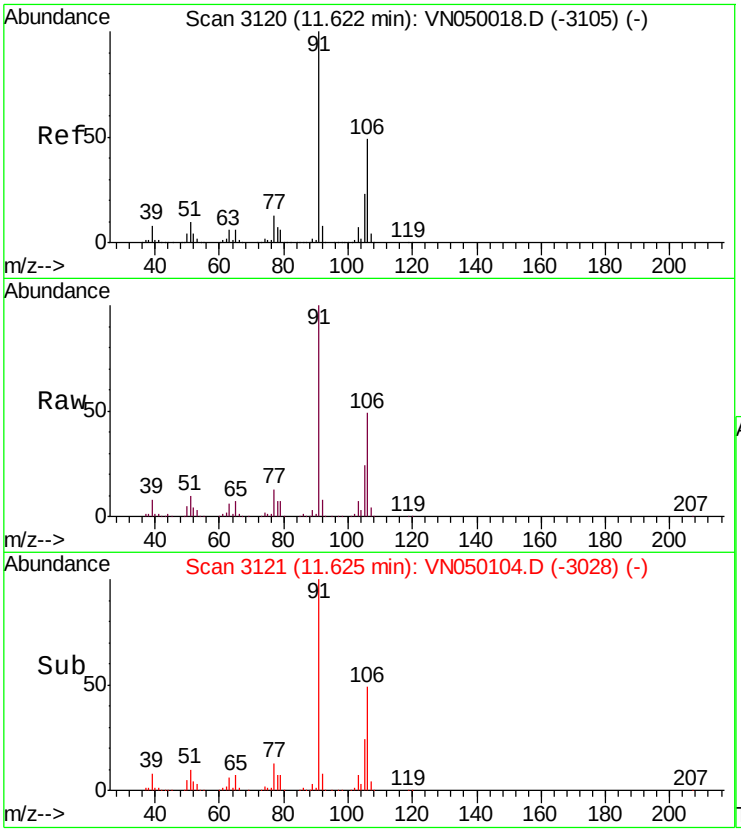


#67
Ethyl Benzene
Concen: 19.95 ug/l
RT: 11.51 min Scan# 3086
Delta R.T. 0.00 min
Lab File: VN050104.D
Acq: 27 Jul 2018 1:10

Tgt Ion: 91 Resp: 764037

Ion	Ratio	Lower	Upper
91	100		
106	30.7	25.0	37.4



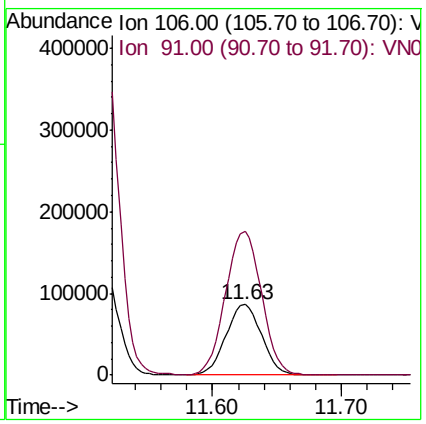


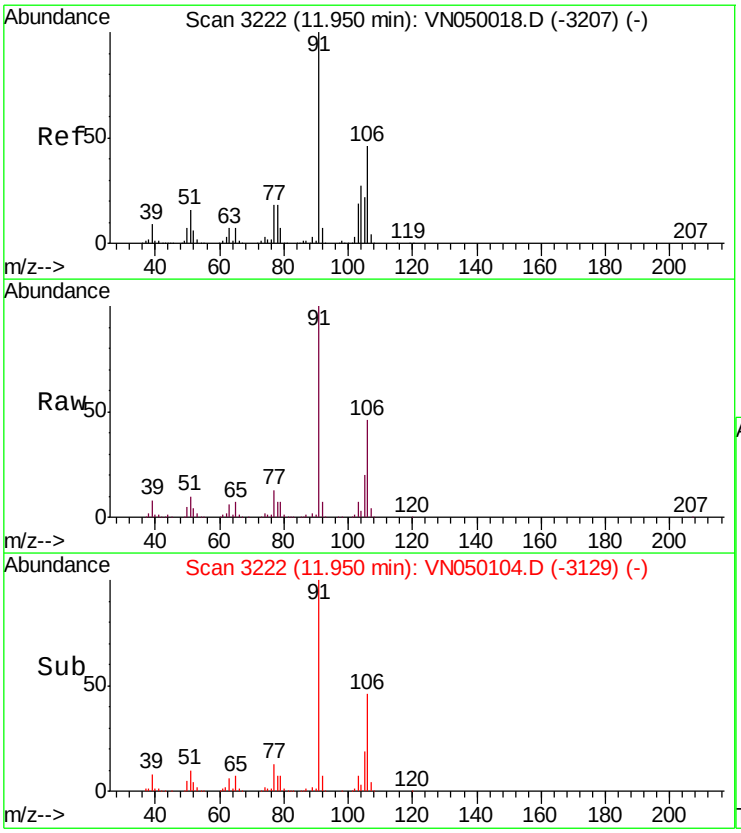
#68
m/p-Xylenes
Concen: 11.56 ug/l
RT: 11.63 min Scan# 3121
Delta R.T. 0.00 min
Lab File: VN050104.D
Acq: 27 Jul 2018 1:10

Instrument :
MSVOA_N
ClientSampleId :
MW-7BSA

Tgt Ion:106 Resp: 167551

Ion	Ratio	Lower	Upper
106	100		
91	204.3	162.2	243.2

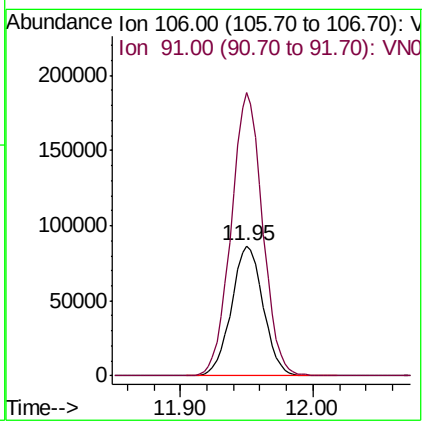


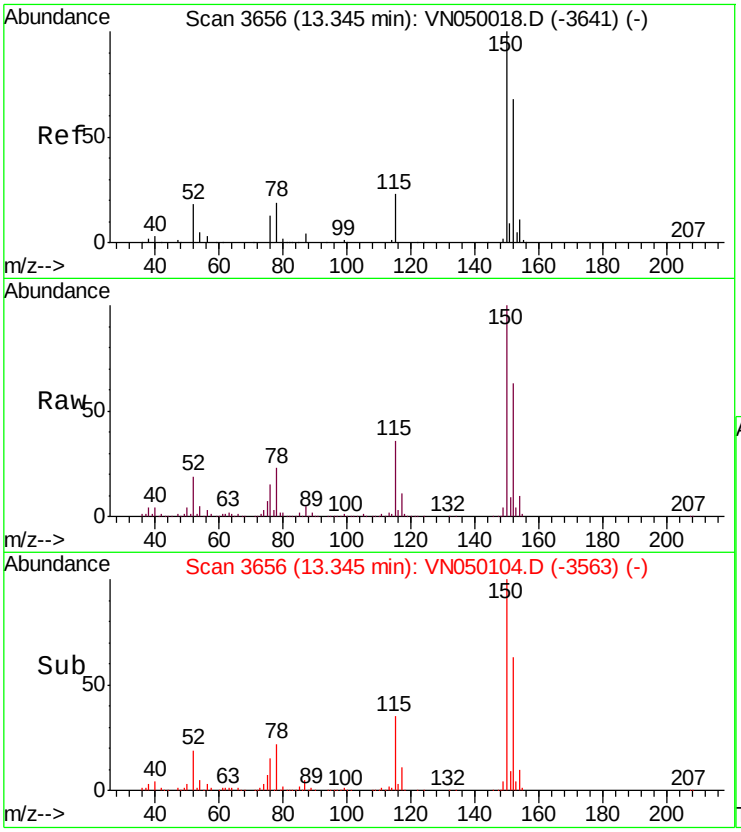


#69
o-Xylene
Concen: 10.38 ug/l
RT: 11.95 min Scan# 3222
Delta R.T. 0.00 min
Lab File: VN050104.D
Acq: 27 Jul 2018 1:10

Tgt Ion:106 Resp: 143387

Ion	Ratio	Lower	Upper
106	100		
91	216.3	107.7	323.1



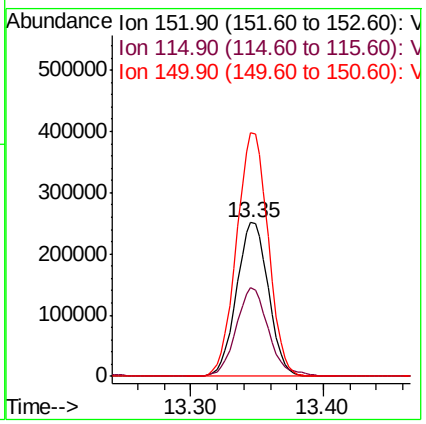


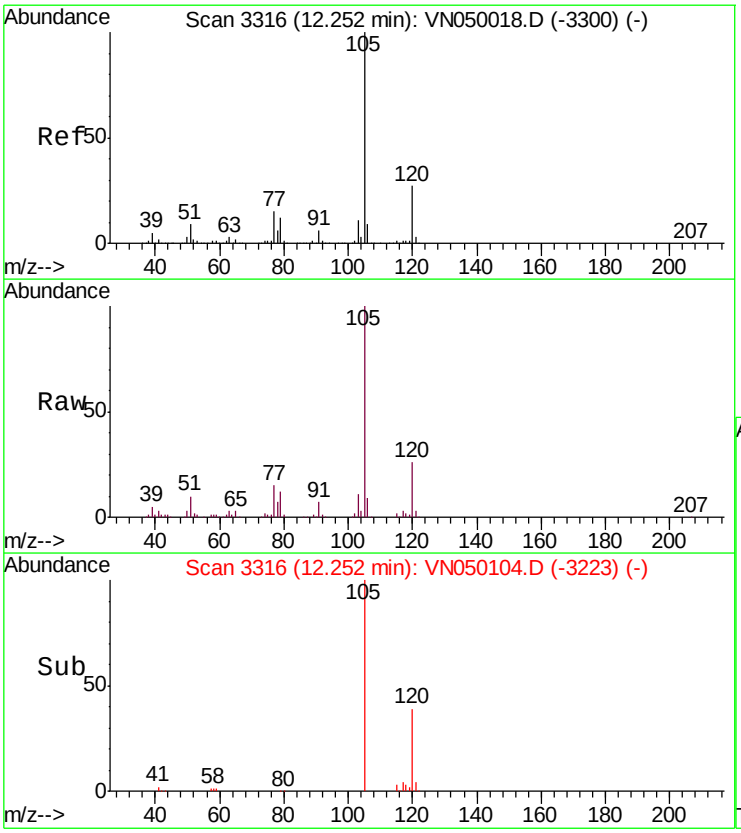
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. 0.00 min
Lab File: VN050104.D
Acq: 27 Jul 2018 1:10

Instrument :
MSVOA_N
ClientSampleId :
MW-7BSA

Tgt Ion:152 Resp: 418243

Ion	Ratio	Lower	Upper
152	100		
115	58.2	27.8	83.3
150	157.7	0.0	348.6

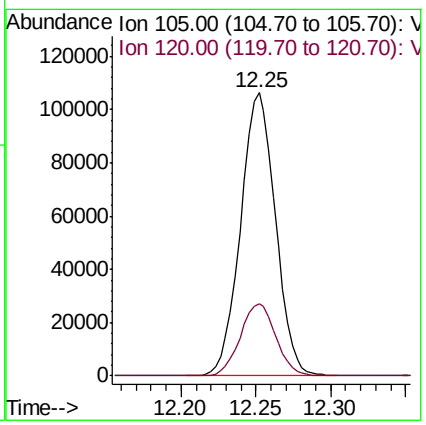


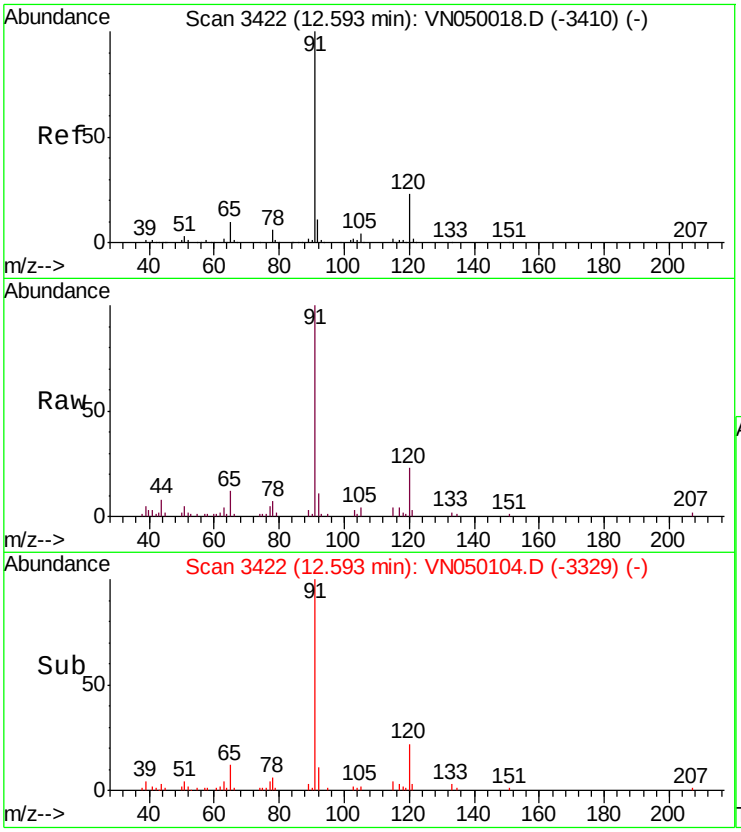


#73
Isopropylbenzene
Concen: 5.32 ug/l
RT: 12.25 min Scan# 3316
Delta R.T. 0.00 min
Lab File: VN050104.D
Acq: 27 Jul 2018 1:10

Tgt Ion:105 Resp: 172589

Ion	Ratio	Lower	Upper
105	100		
120	26.0	13.3	39.8



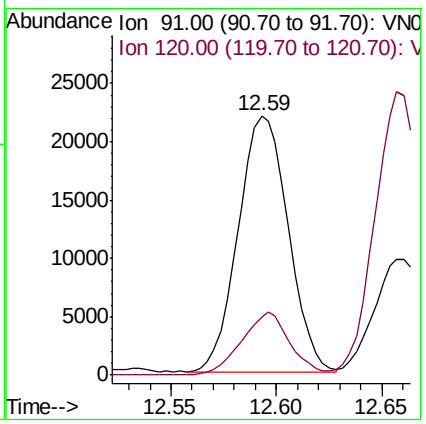


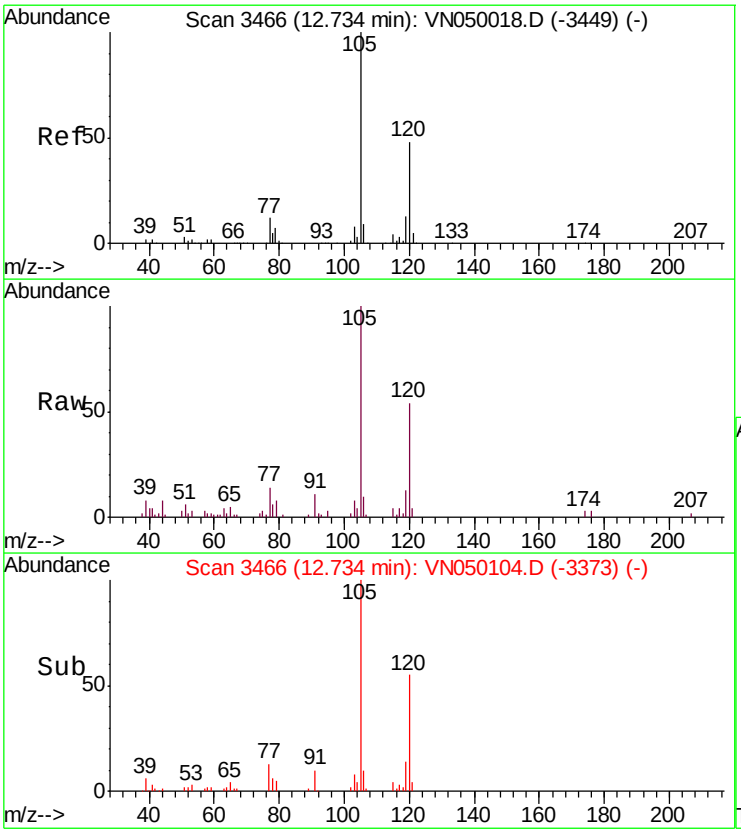
#78
n-propylbenzene
Concen: 0.99 ug/l
RT: 12.59 min Scan# 3422
Delta R.T. 0.00 min
Lab File: VN050104.D
Acq: 27 Jul 2018 1:10

Instrument : MSVOA_N
ClientSampleId : MW-7BSA

Tgt Ion: 91 Resp: 35971

Ion	Ratio	Lower	Upper
91	100		
120	24.0	11.6	34.7

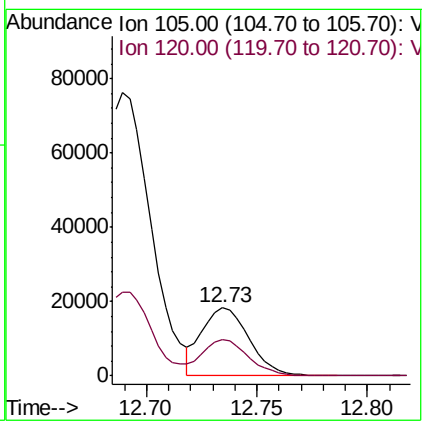


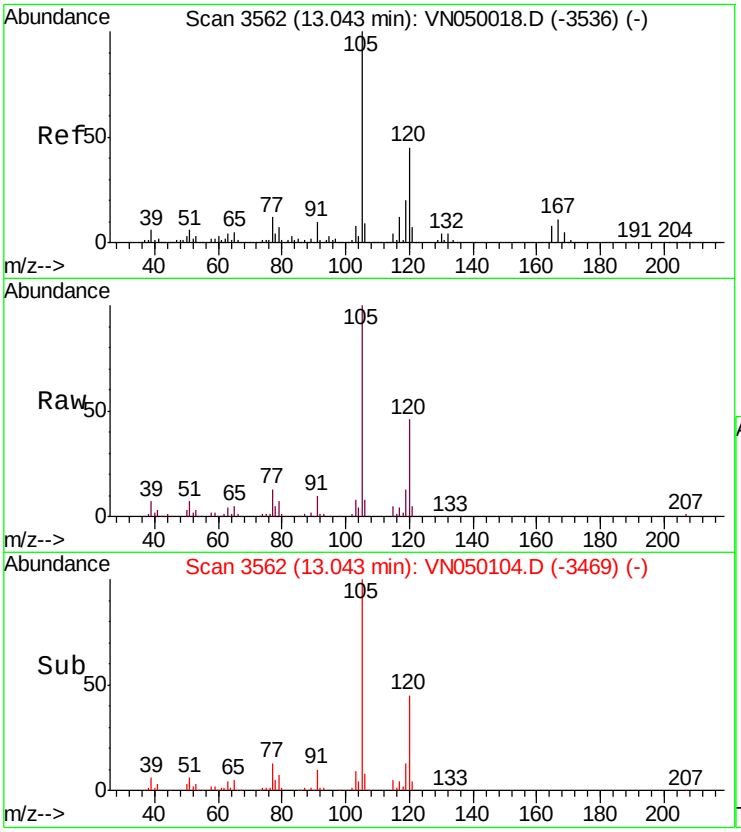


#80
1,3,5-Trimethylbenzene
Concen: 1.08 ug/l
RT: 12.73 min Scan# 3466
Delta R.T. 0.00 min
Lab File: VN050104.D
Acq: 27 Jul 2018 1:10

Tgt Ion:105 Resp: 27487

Ion	Ratio	Lower	Upper
105	100		
120	53.5	24.4	73.2



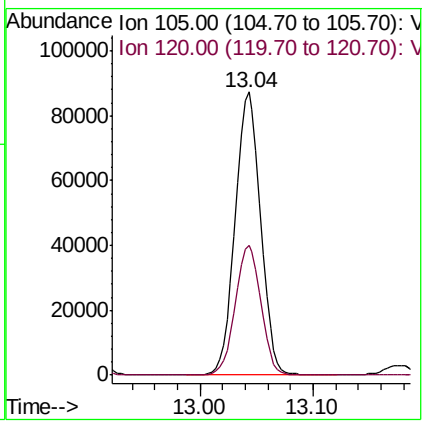


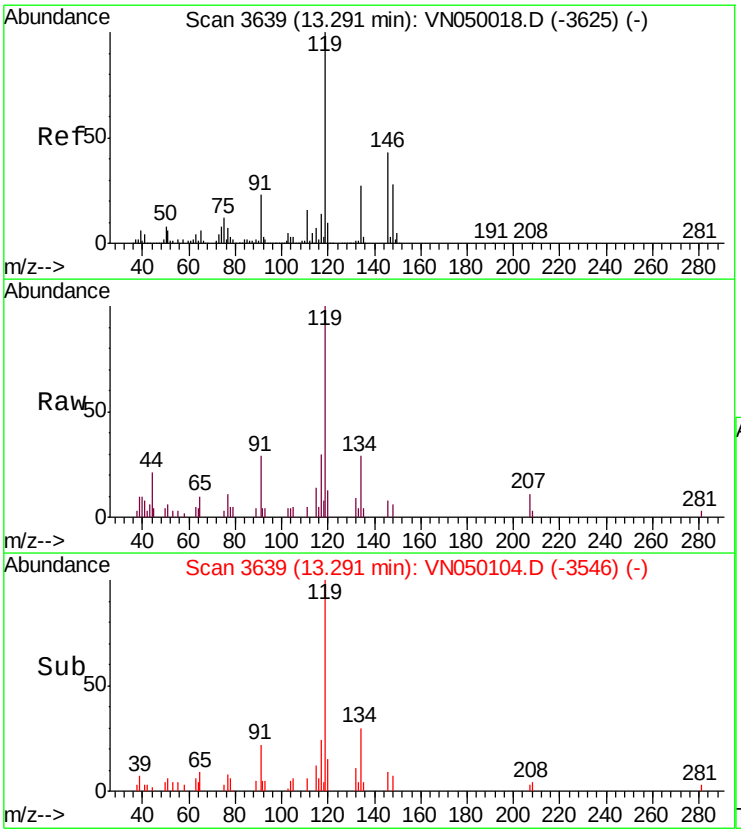
#84
1,2,4-Trimethylbenzene
Concen: 5.33 ug/l
RT: 13.04 min Scan# 3562
Delta R.T. 0.00 min
Lab File: VN050104.D
Acq: 27 Jul 2018 1:10

Instrument :
MSVOA_N
ClientSampleId :
MW-7BSA

Tgt Ion:105 Resp: 136966

Ion	Ratio	Lower	Upper
105	100		
120	46.1	22.9	68.7

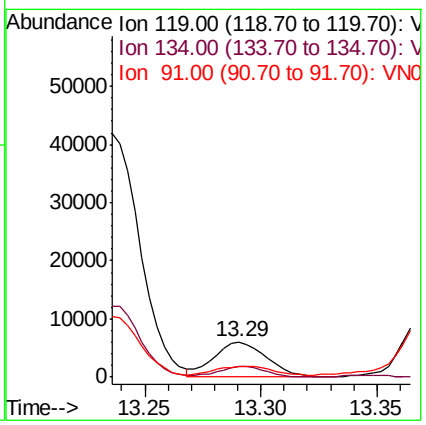


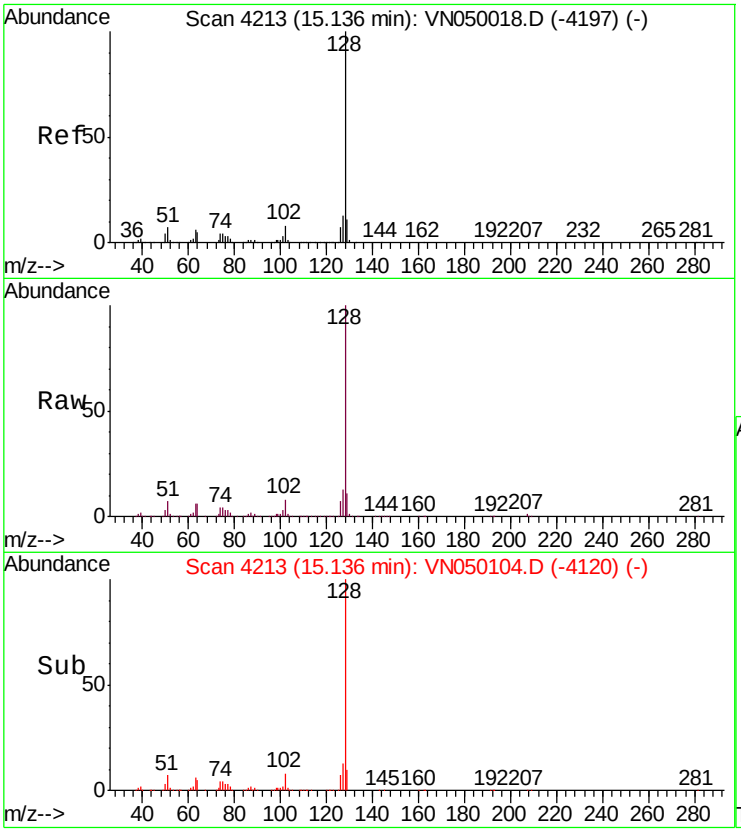


#86
p-Isopropyltoluene
Concen: 0.36 ug/l
RT: 13.29 min Scan# 3639
Delta R.T. 0.00 min
Lab File: VN050104.D
Acq: 27 Jul 2018 1:10

Tgt Ion:119 Resp: 9062

Ion	Ratio	Lower	Upper
119	100		
134	28.1	13.3	39.8
91	26.3	11.4	34.2





#95
Naphthalene
Concen: 51.25 ug/l
RT: 15.14 min Scan# 4213
Delta R.T. 0.00 min
Lab File: VN050104.D
Acq: 27 Jul 2018 1:10

Instrument :
MSVOA_N
ClientSampleId :
MW-7BSA

Tgt Ion:128 Resp: 981232

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