Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN080218\
Data File : VN050292.D
Acq On : 3 Aug 2018 3:48
Operator : MD\SY
Sample : J4304-01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : EW-A07

Quant Time: Aug 03 04:57:07 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	600085	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1020117	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	852806	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	351517	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	438215	52.34	ug/l	0.00
Spiked Amount 50.000			Recovery = 104.68%			
35) Dibromofluoromethane	7.59	113	392130	47.08	ug/l	0.00
Spiked Amount 50.000			Recovery = 94.16%			
50) Toluene-d8	10.09	98	1371837	44.80	ug/l	0.00
Spiked Amount 50.000			Recovery = 89.60%			
62) 4-Bromofluorobenzene	12.40	95	407695	40.44	ug/l	0.00
Spiked Amount 50.000			Recovery = 80.88%			
Target Compounds						Qvalue
16) Acetone	3.83	43	13985	2.797	ug/l	91
18) Methyl Acetate	4.33	43	17365	0.656	ug/l #	80
19) Methyl tert-butyl Ether	5.06	73	7758	0.421	ug/l	95
73) Isopropylbenzene	12.25	105	49208	1.805	ug/l	97
78) n-propylbenzene	12.59	91	29295	0.961	ug/l	99
83) tert-Butylbenzene	12.99	119	17302	0.925	ug/l	84
85) sec-Butylbenzene	13.17	105	43399	1.736	ug/l	87
89) n-Butylbenzene	13.62	91	6417	0.370	ug/l #	82

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

Quantitation Report (QT/LSC Reviewed)

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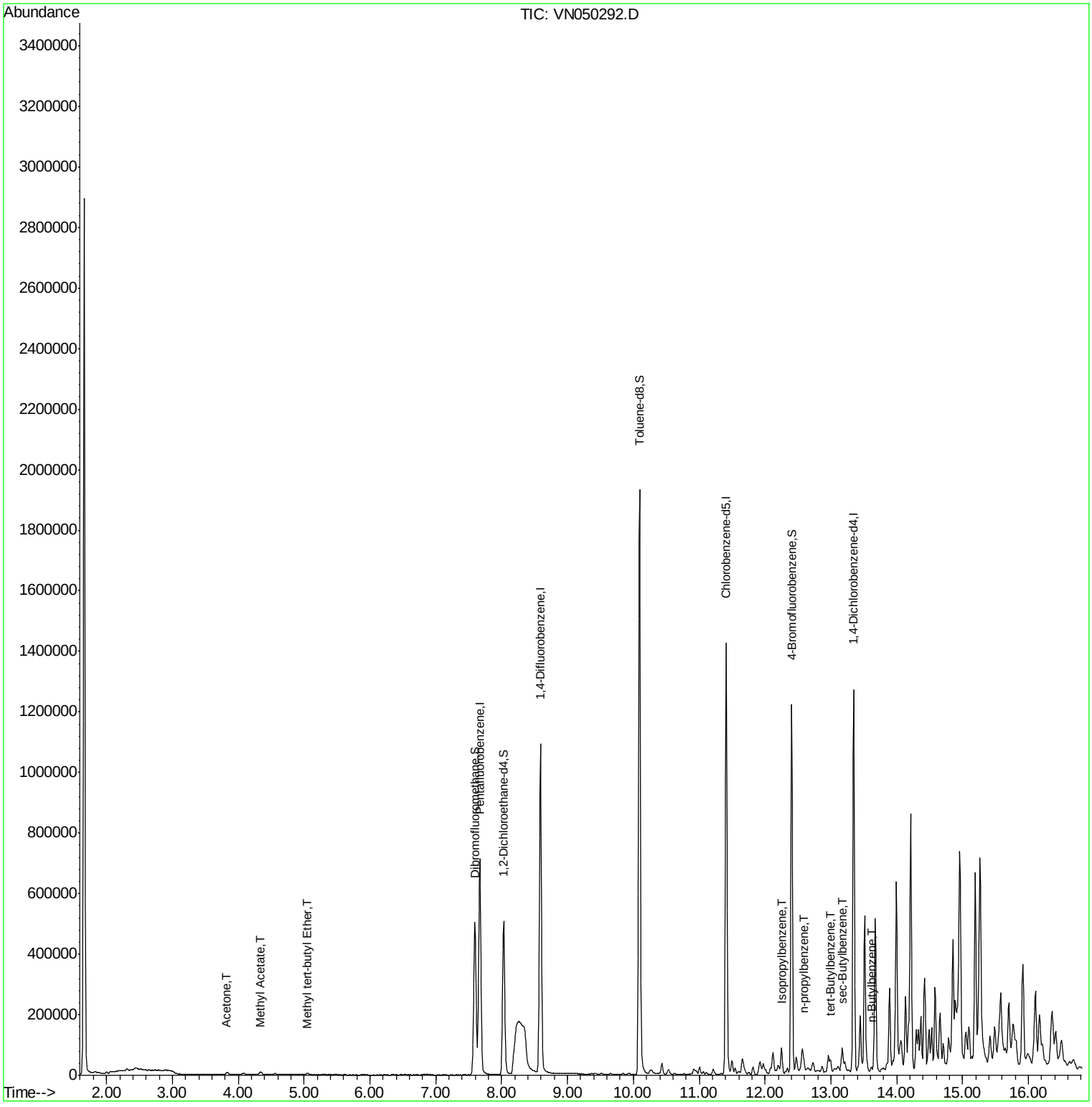
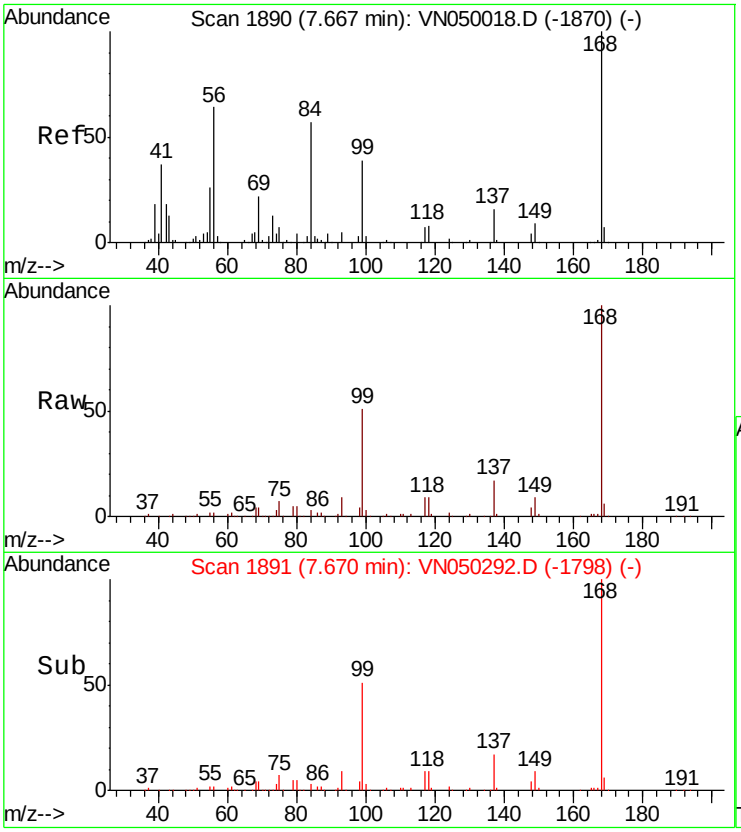


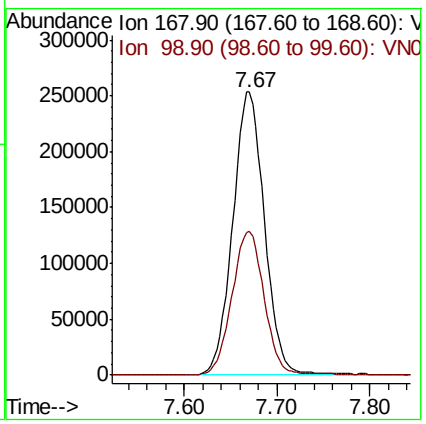


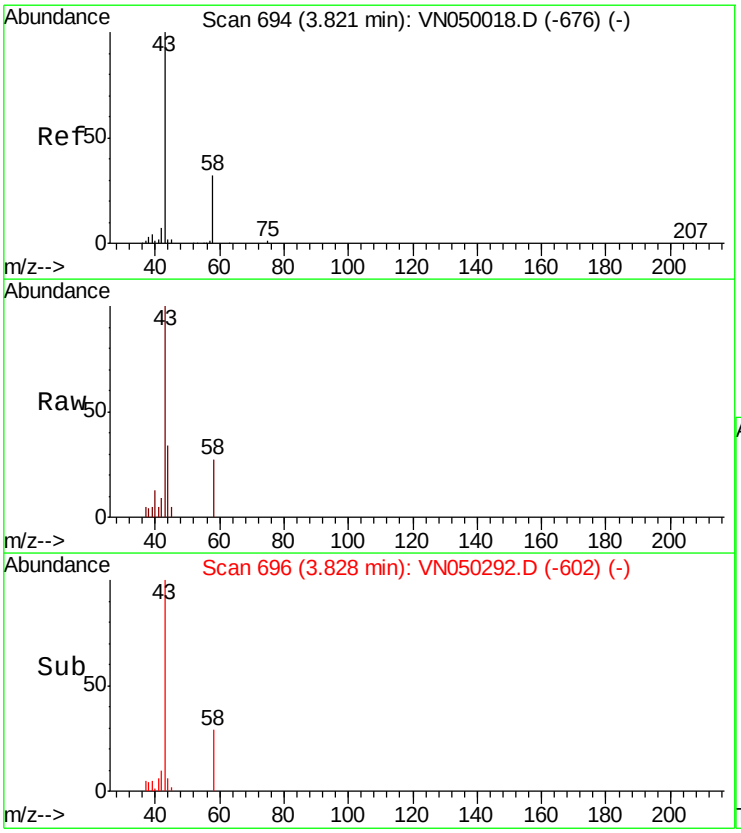
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.67 min Scan# 1891
Delta R.T. -0.00 min
Lab File: VN050292.D
Acq: 3 Aug 2018 3:48

Tgt Ion:168 Resp: 600085

Ion	Ratio	Lower	Upper
168	100		
99	50.7	40.0	60.0

Instrument :
MSVOA_N
ClientSampleId :
EW-A07

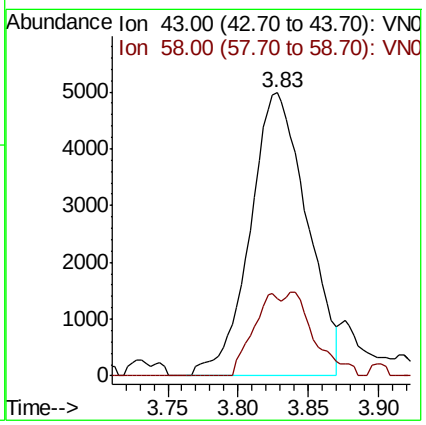


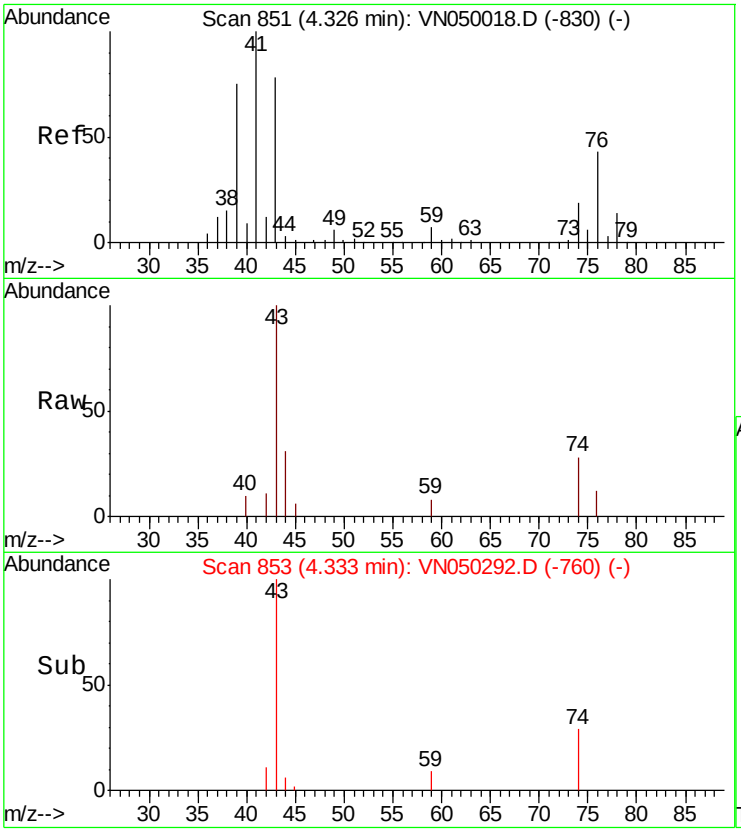


#16
Acetone
Concen: 2.797 ug/l
RT: 3.83 min Scan# 696
Delta R.T. 0.00 min
Lab File: VN050292.D
Acq: 3 Aug 2018 3:48

Tgt Ion: 43 Resp: 13985

Ion	Ratio	Lower	Upper
43	100		
58	27.4	25.8	38.8



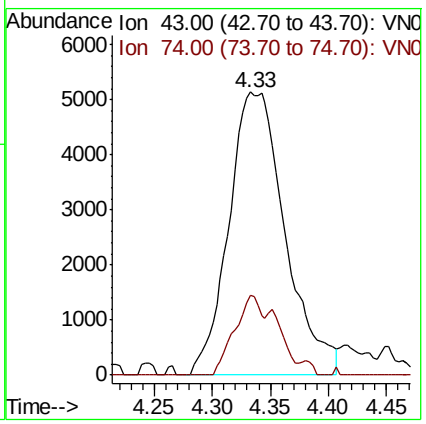


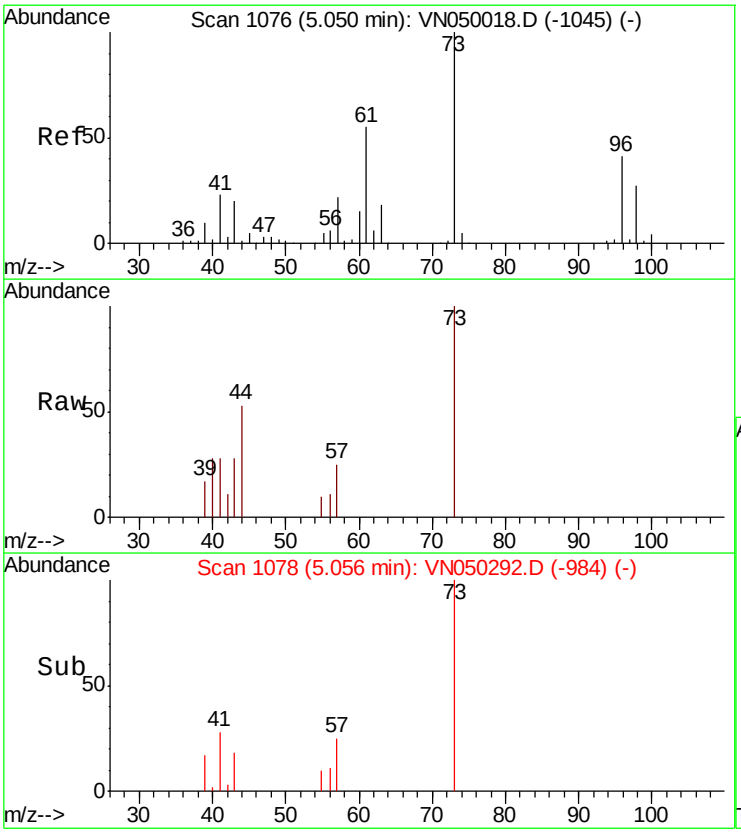
#18
Methyl Acetate
Concen: 0.656 ug/l
RT: 4.33 min Scan# 853
Delta R.T. 0.00 min
Lab File: VN050292.D
Acq: 3 Aug 2018 3:48

Instrument :
MSVOA_N
ClientSampleId :
EW-A07

Tgt Ion: 43 Resp: 17365

Ion	Ratio	Lower	Upper
43	100		
74	14.0	19.2	28.8#

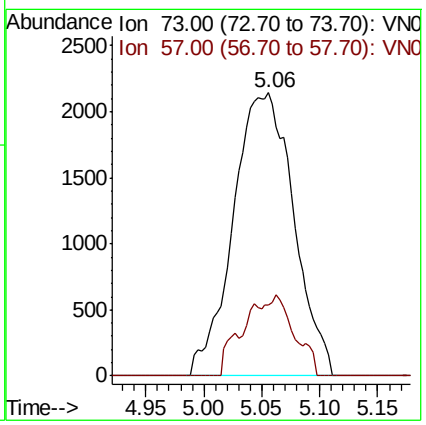


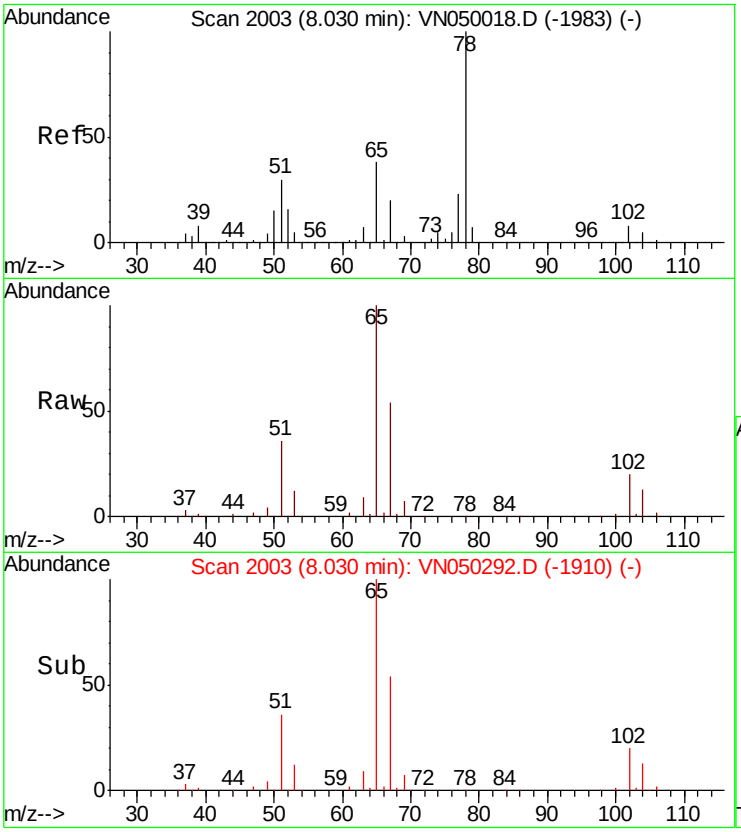


#19
Methyl tert-butyl Ether
Concen: 0.421 ug/l
RT: 5.06 min Scan# 1078
Delta R.T. 0.00 min
Lab File: VN050292.D
Acq: 3 Aug 2018 3:48

Tgt Ion: 73 Resp: 7758

Ion	Ratio	Lower	Upper
73	100		
57	25.1	18.0	27.0



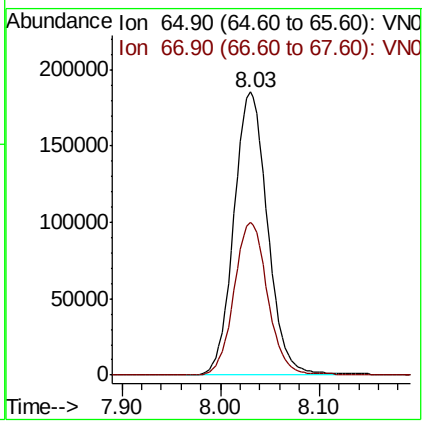


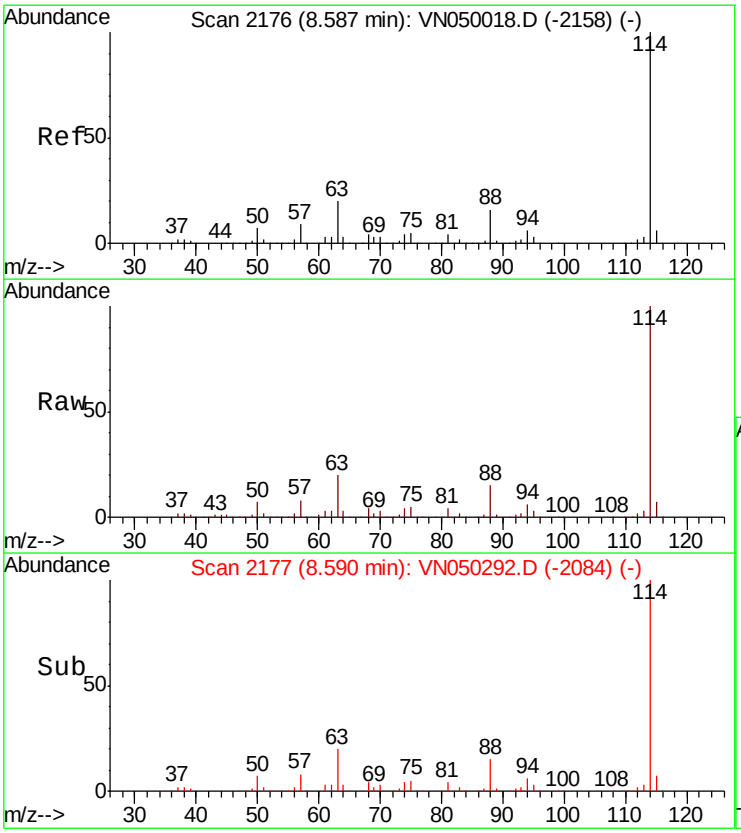
#33
1,2-Dichloroethane-d4
Concen: 52.339 ug/l
RT: 8.03 min Scan# 2003
Delta R.T. -0.00 min
Lab File: VN050292.D
Acq: 3 Aug 2018 3:48

Instrument :
MSVOA_N
ClientSampleId :
EW-A07

Tgt Ion: 65 Resp: 438215

Ion	Ratio	Lower	Upper
65	100		
67	53.8	0.0	108.4

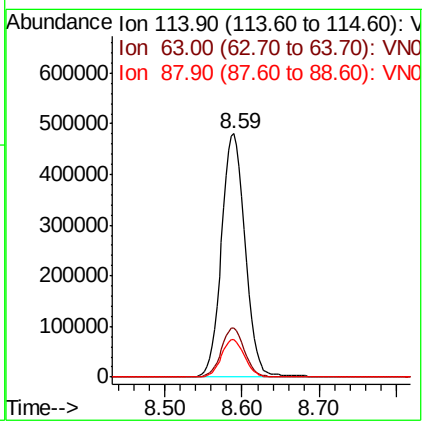


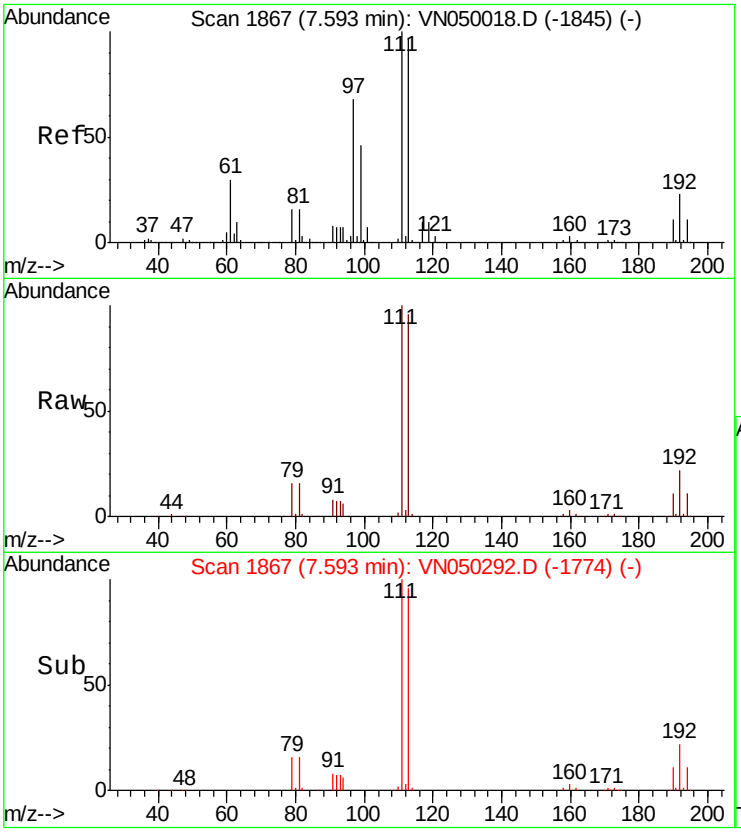


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2177
Delta R.T. -0.00 min
Lab File: VN050292.D
Acq: 3 Aug 2018 3:48

Tgt Ion:114 Resp: 1020117

Ion	Ratio	Lower	Upper
114	100		
63	20.0	0.0	40.0
88	15.4	0.0	31.2



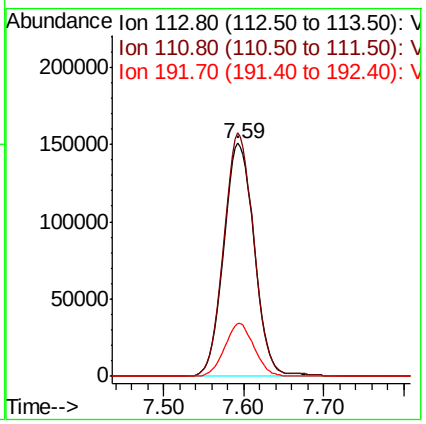


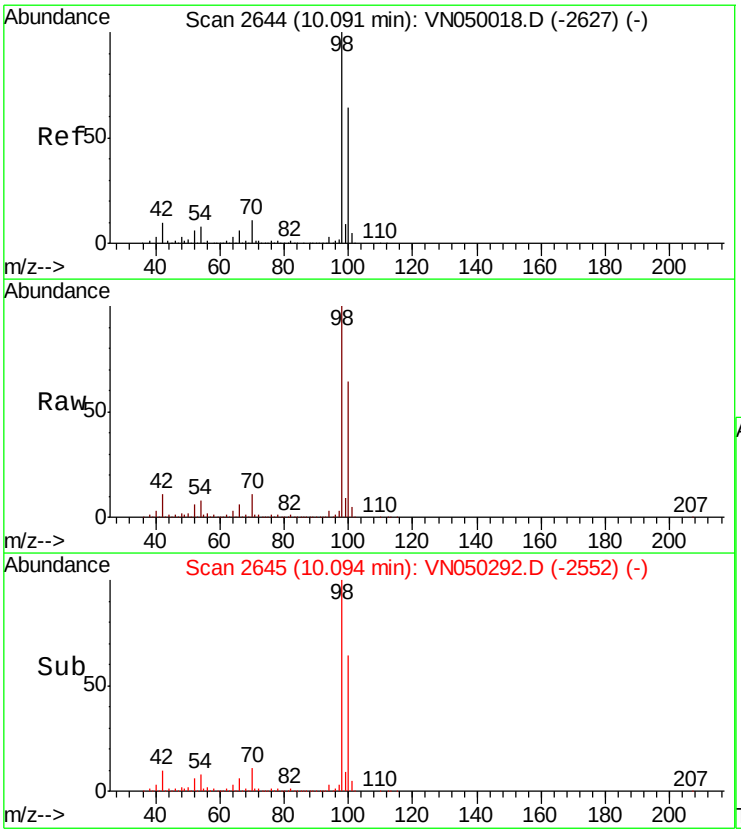
#35
Dibromofluoromethane
Concen: 47.080 ug/l
RT: 7.59 min Scan# 1867
Delta R.T. -0.00 min
Lab File: VN050292.D
Acq: 3 Aug 2018 3:48

Instrument :
MSVOA_N
ClientSampleId :
EW-A07

Tgt Ion:113 Resp: 392130

Ion	Ratio	Lower	Upper
113	100		
111	102.7	80.7	121.1
192	22.0	17.8	26.6

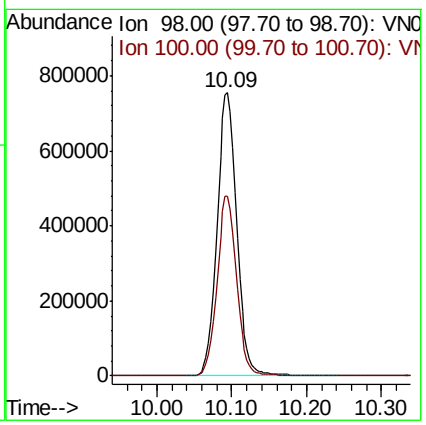


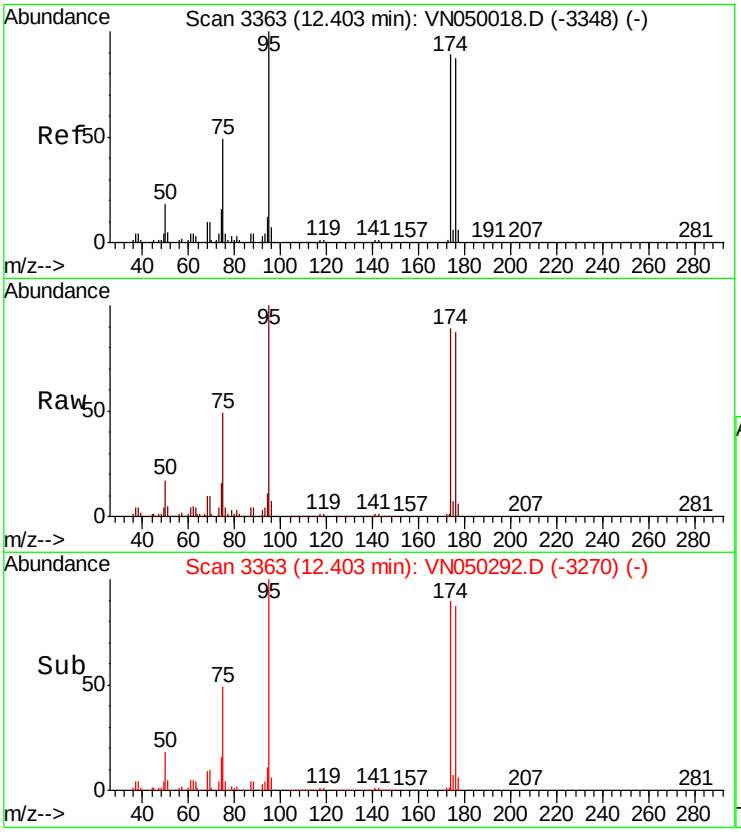


#50
Toluene-d8
Concen: 44.801 ug/l
RT: 10.09 min Scan# 2645
Delta R.T. -0.00 min
Lab File: VN050292.D
Acq: 3 Aug 2018 3:48

Tgt Ion: 98 Resp: 1371837

Ion	Ratio	Lower	Upper
98	100		
100	63.2	50.7	76.1



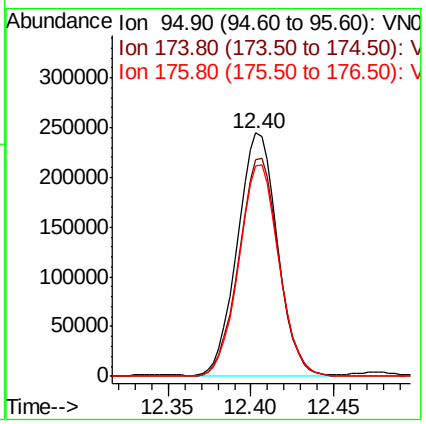


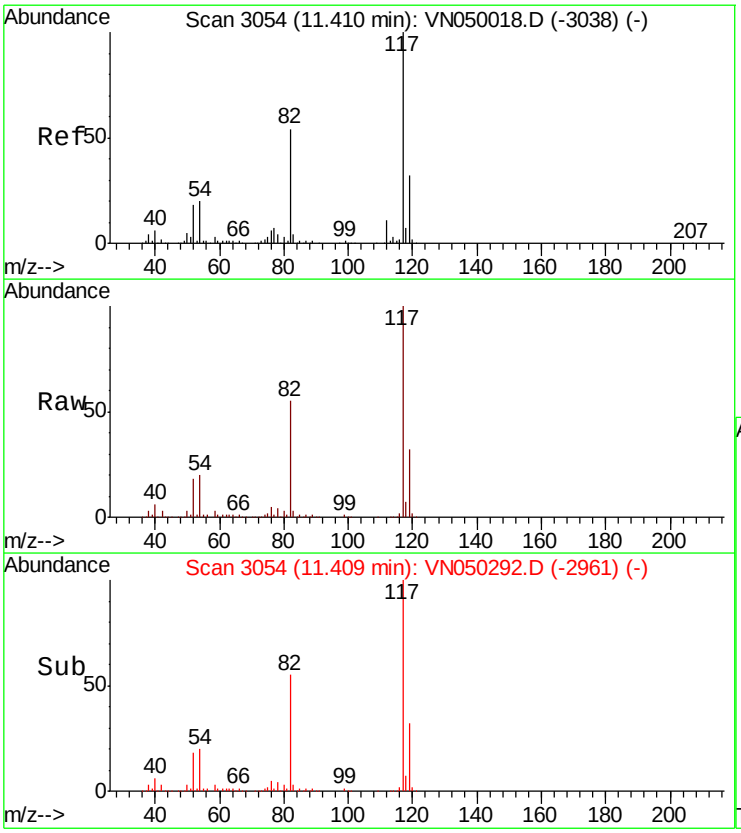
#62
4-Bromofluorobenzene
Concen: 40.435 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. -0.00 min
Lab File: VN050292.D
Acq: 3 Aug 2018 3:48

Instrument :
MSVOA_N
ClientSampleId :
EW-A07

Tgt Ion: 95 Resp: 407695

Ion	Ratio	Lower	Upper
95	100		
174	90.6	0.0	178.2
176	87.6	0.0	173.4

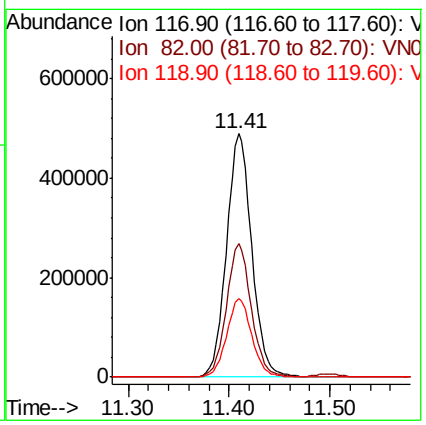


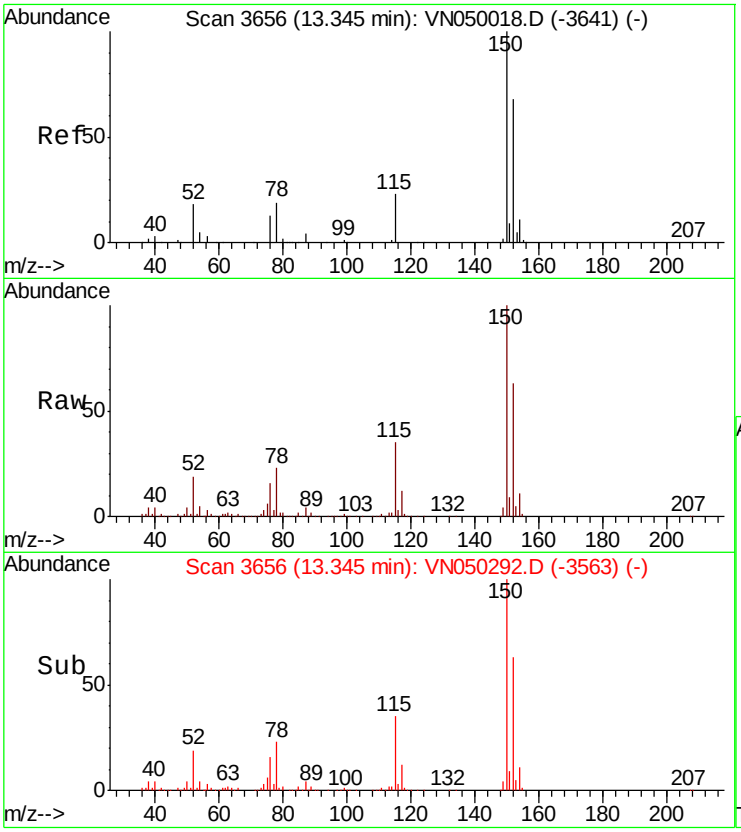


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN050292.D
Acq: 3 Aug 2018 3:48

Tgt Ion:117 Resp: 852806

Ion	Ratio	Lower	Upper
117	100		
82	54.6	43.7	65.5
119	32.4	26.1	39.1



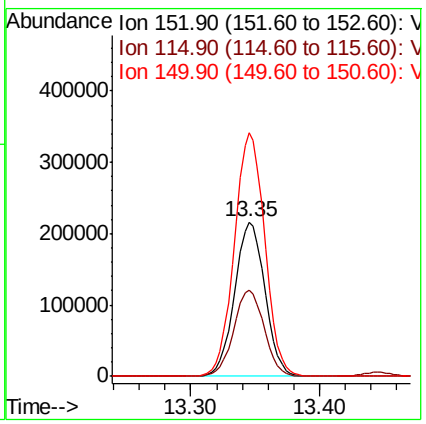


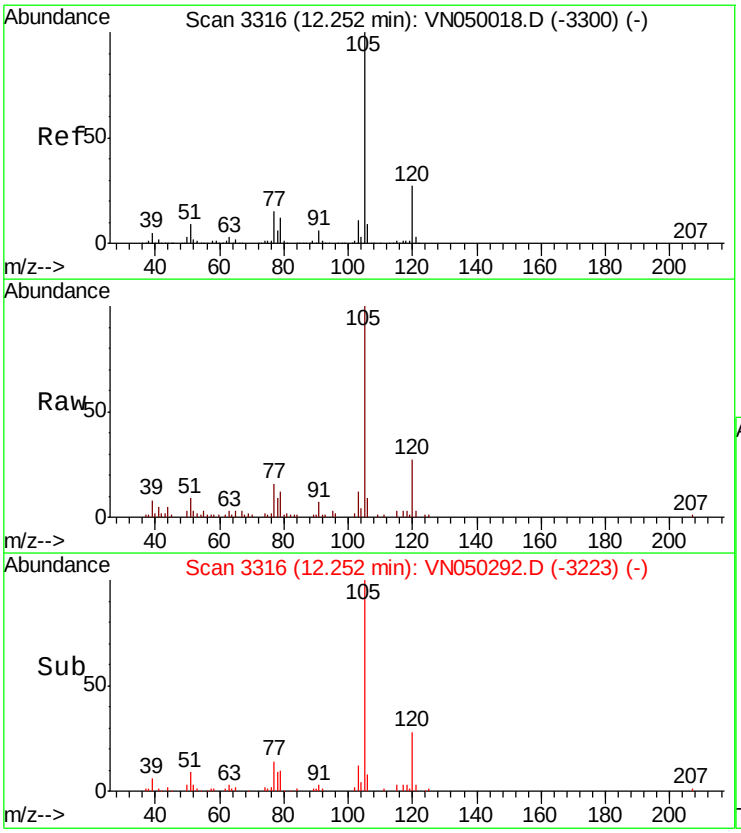
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. -0.00 min
Lab File: VN050292.D
Acq: 3 Aug 2018 3:48

Instrument :
MSVOA_N
ClientSampleId :
EW-A07

Tgt Ion:152 Resp: 351517

Ion	Ratio	Lower	Upper
152	100		
115	56.3	27.8	83.3
150	158.8	0.0	348.6

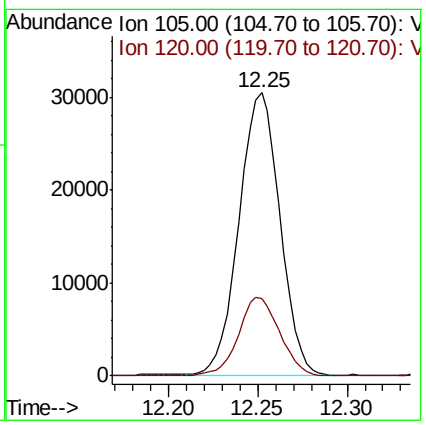


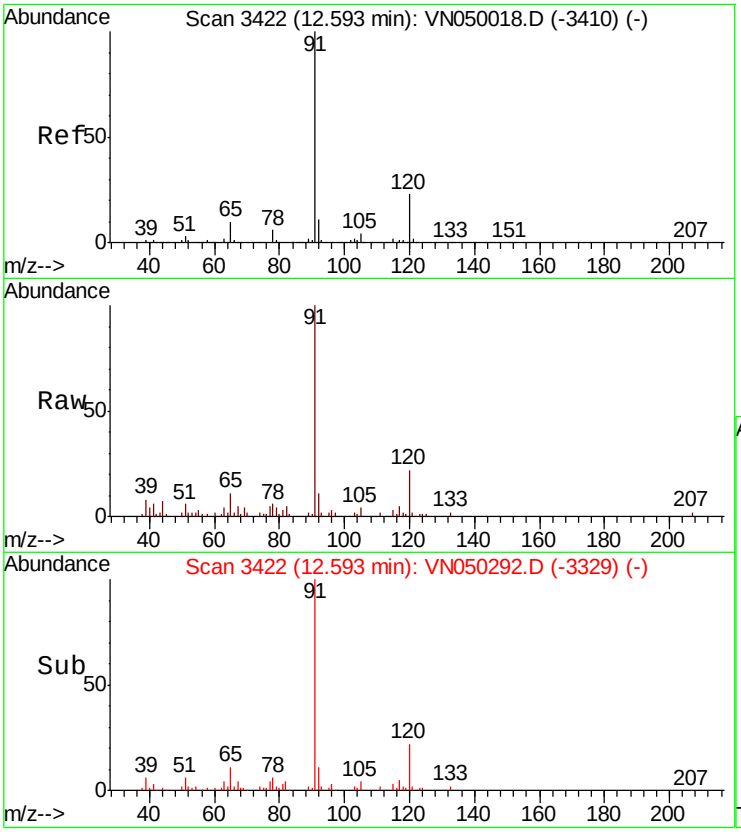


#73
Isopropylbenzene
Concen: 1.805 ug/l
RT: 12.25 min Scan# 3316
Delta R.T. -0.00 min
Lab File: VN050292.D
Acq: 3 Aug 2018 3:48

Tgt Ion:105 Resp: 49208

Ion	Ratio	Lower	Upper
105	100		
120	27.8	13.3	39.8



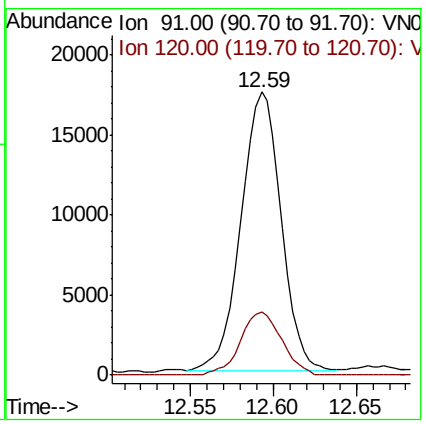


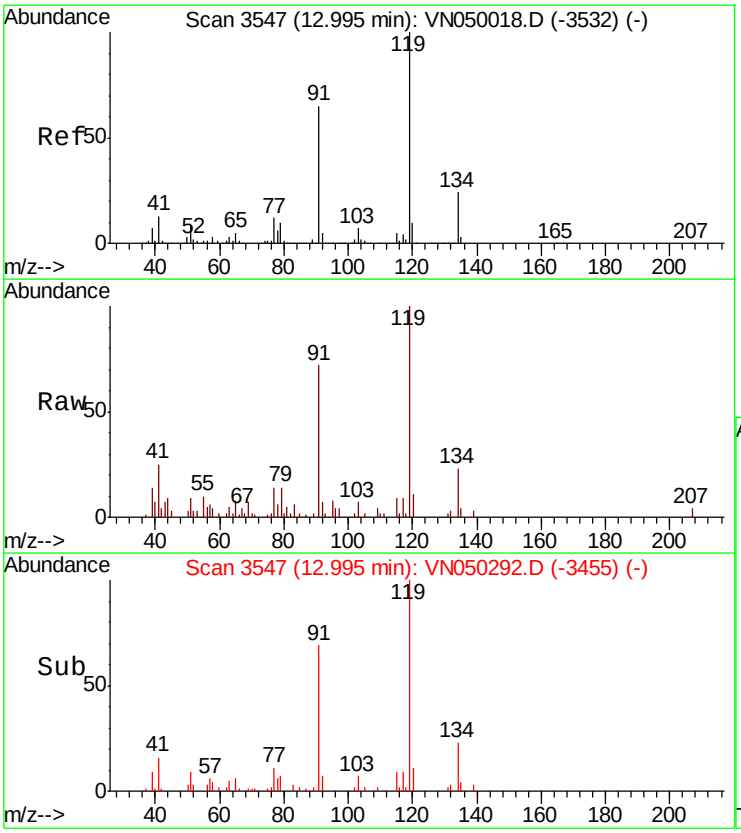
#78
n-propylbenzene
Concen: 0.961 ug/l
RT: 12.59 min Scan# 3422
Delta R.T. -0.00 min
Lab File: VN050292.D
Acq: 3 Aug 2018 3:48

Instrument :
MSVOA_N
ClientSampleId :
EW-A07

Tgt Ion: 91 Resp: 29295

Ion	Ratio	Lower	Upper
91	100		
120	23.4	11.6	34.7

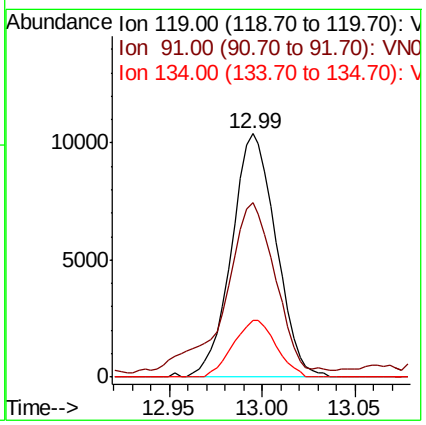


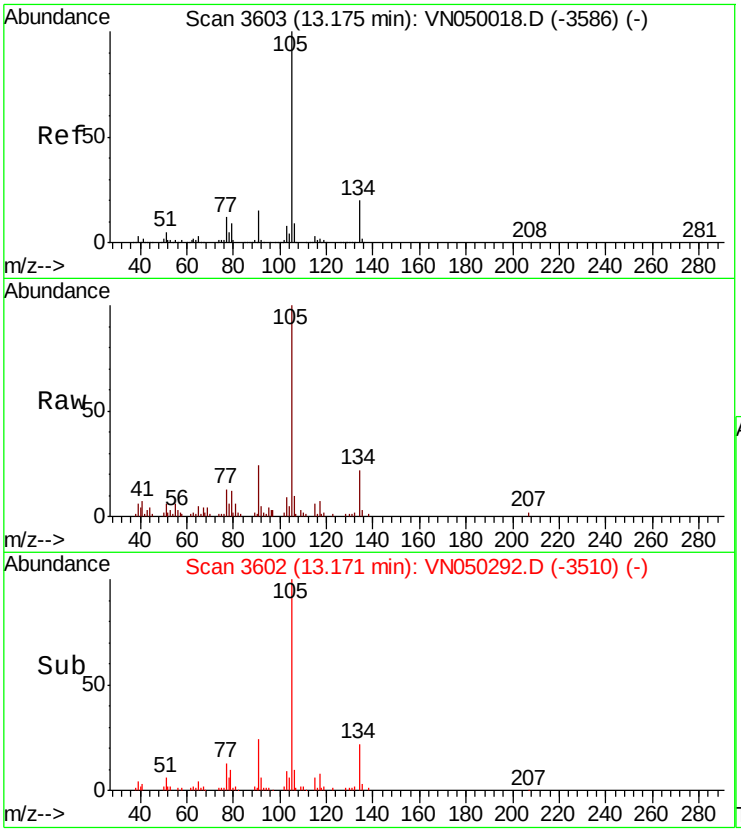


#83
tert-Butylbenzene
Concen: 0.925 ug/l
RT: 12.99 min Scan# 3547
Delta R.T. -0.00 min
Lab File: VN050292.D
Acq: 3 Aug 2018 3:48

Tgt Ion:119 Resp: 17302

Ion	Ratio	Lower	Upper
119	100		
91	79.0	32.1	96.3
134	22.6	13.2	39.5



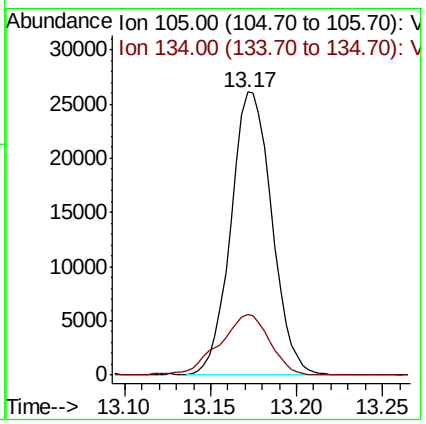


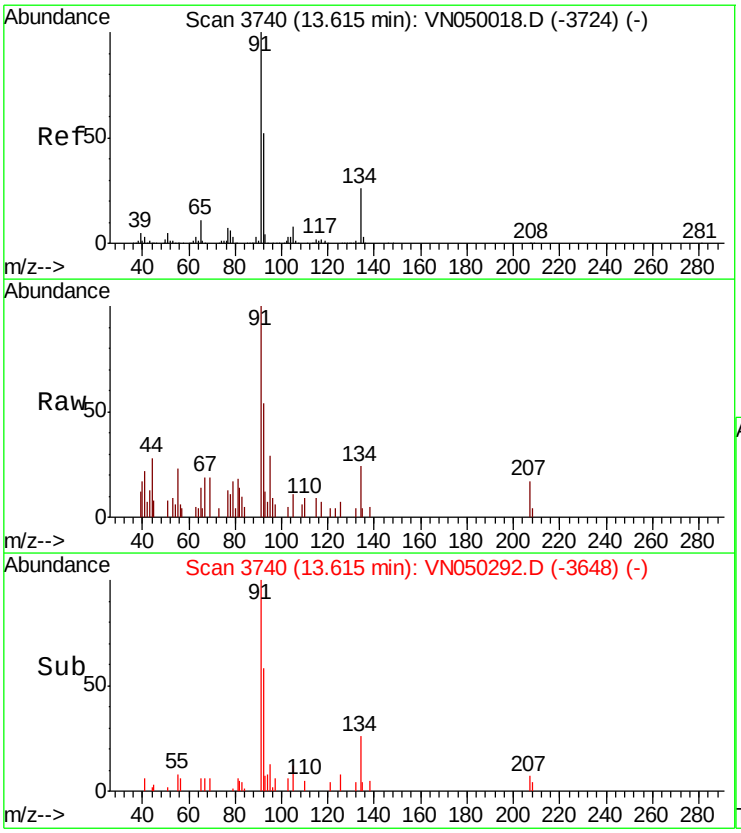
#85
sec-Butylbenzene
Concen: 1.736 ug/l
RT: 13.17 min Scan# 3602
Delta R.T. -0.00 min
Lab File: VN050292.D
Acq: 3 Aug 2018 3:48

Instrument :
MSVOA_N
ClientSampleId :
EW-A07

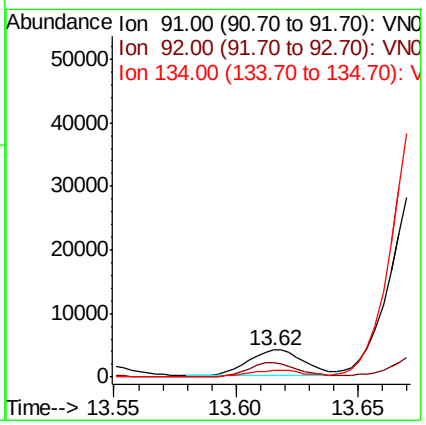
Tgt Ion:105 Resp: 43399

Ion	Ratio	Lower	Upper
105	100		
134	26.1	10.1	30.1





#89
n-Butylbenzene
Concen: 0.370 ug/l
RT: 13.62 min Scan# 3740
Delta R.T. -0.00 min
Lab File: VN050292.D
Acq: 3 Aug 2018 3:48

Tgt Ion: 91 Resp: 6417

Ion	Ratio	Lower	Upper
91	100		
92	50.3	25.8	77.4
134	0.0	12.8	38.4#