Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW010419\
Data File : VW008044.D
Acq On : 04 Jan 2019 13:43
Operator : SY/AP
Sample : K1040-02
Misc : 7.54G/5ML/MSVOA W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : RBR-200028

Quant Time: Jan 05 01:09:58 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010219S.M
Quant Title : SW846 8260
QLast Update : Thu Jan 03 05:03:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	60500	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	101933	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	85031	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	38922	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	39342	58.79	ug/l	0.00
Spiked Amount 50.000			Recovery = 117.58%			
35) Dibromofluoromethane	7.88	113	32973	51.31	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.62%			
50) Toluene-d8	10.32	98	122238	50.71	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.42%			
62) 4-Bromofluorobenzene	12.62	95	42316	45.77	ug/l	0.00
Spiked Amount 50.000			Recovery = 91.54%			
Target Compounds						Qvalue
16) Acetone	4.14	43	5512	53.213	ug/l	98
20) Methylene Chloride	4.90	84	5230	6.100	ug/l #	95
39) Methylcyclohexane	9.33	83	3719	2.967	ug/l	97
52) Toluene	10.39	92	11555	6.598	ug/l	99
67) Ethyl Benzene	11.73	91	4055	1.257	ug/l	98
68) m/p-Xylenes	11.84	106	9248	7.416	ug/l	92
69) o-Xylene	12.16	106	5720	4.929	ug/l	97
78) n-propylbenzene	12.81	91	4247	1.184	ug/l	97
80) 1,3,5-Trimethylbenzene	12.94	105	15621	5.864	ug/l	92
84) 1,2,4-Trimethylbenzene	13.26	105	43020	15.943	ug/l	100
95) Naphthalene	15.37	128	135862	96.296	ug/l	99

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

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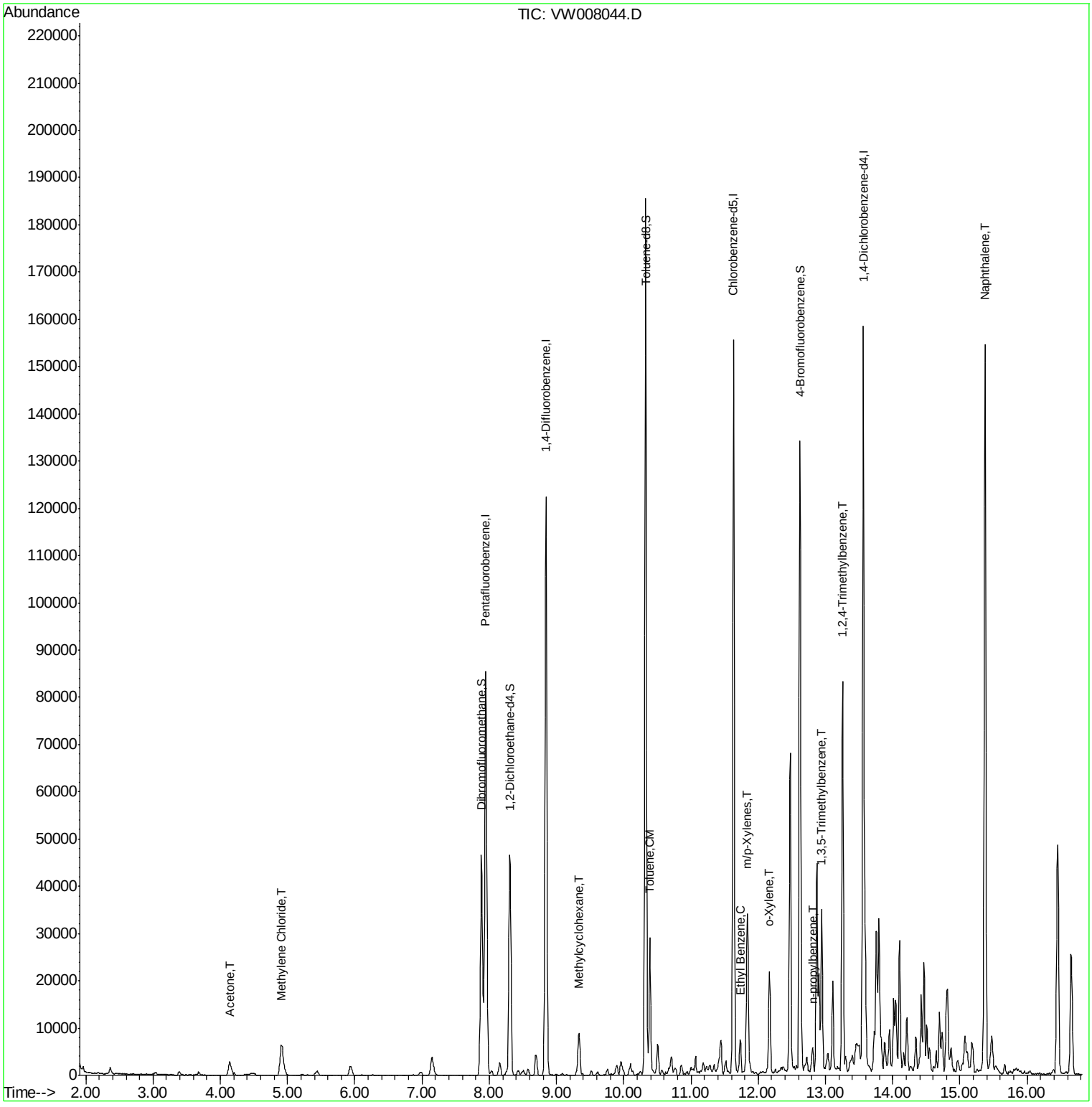
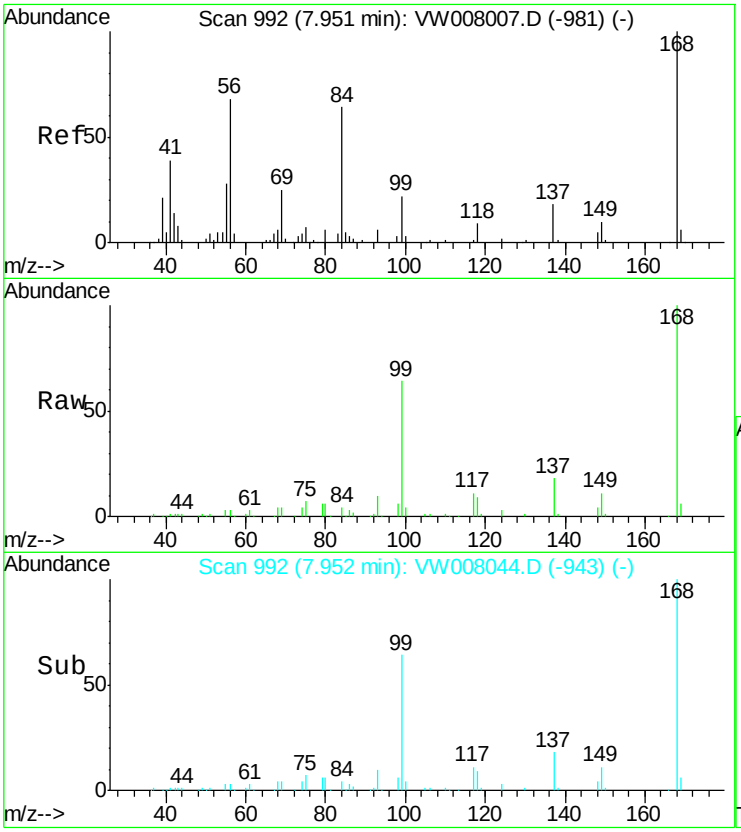


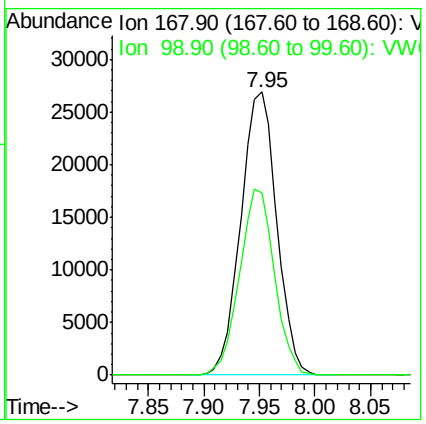


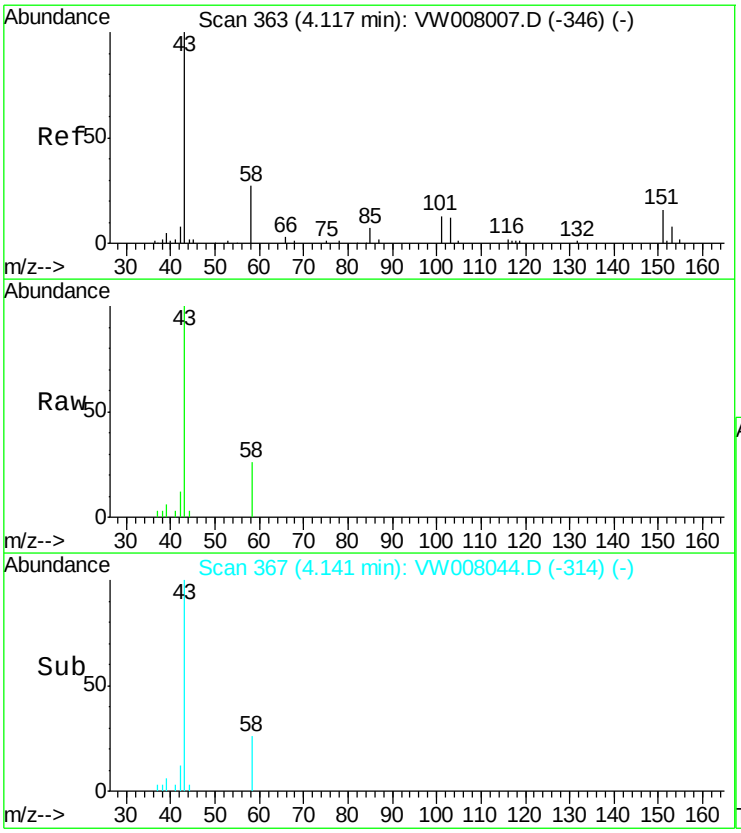
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.95 min Scan# 992
Delta R.T. 0.00 min
Lab File: VW008044.D
Acq: 04 Jan 2019 13:43

Instrument : MSVOA_W
ClientSampleId : RBR-200028

Tgt Ion:168 Resp: 60500

Ion	Ratio	Lower	Upper
168	100		
99	64.4	51.6	77.4

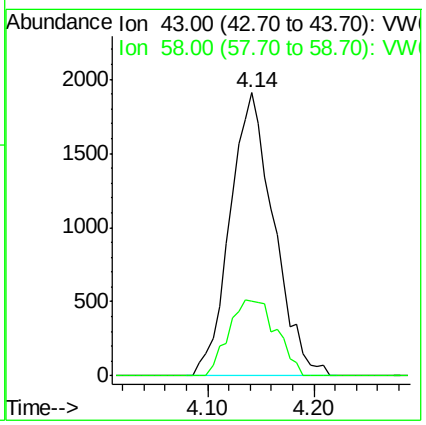


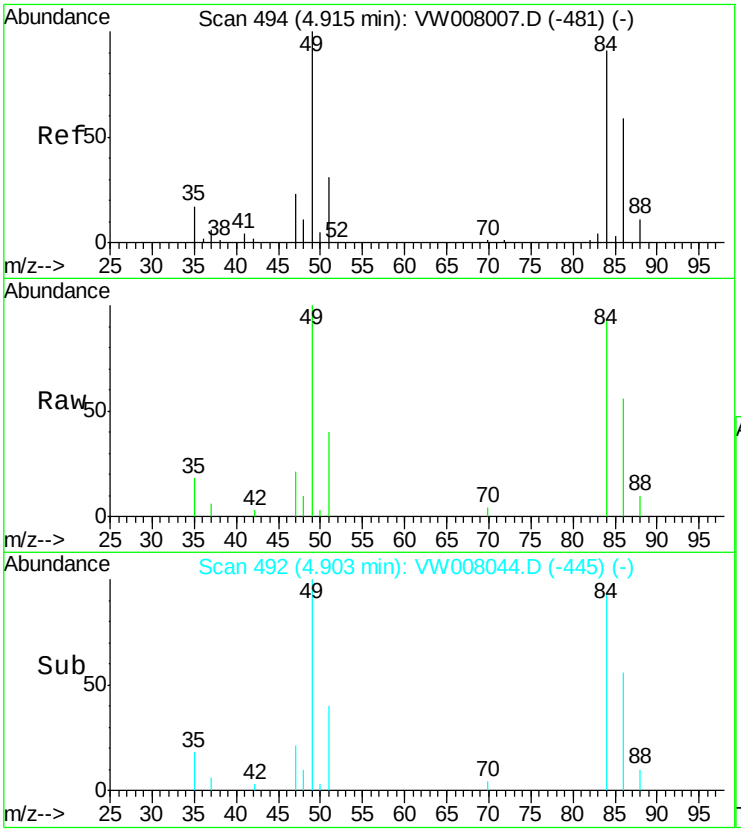


#16
Acetone
Concen: 53.213 ug/l
RT: 4.14 min Scan# 367
Delta R.T. 0.02 min
Lab File: VW008044.D
Acq: 04 Jan 2019 13:43

Tgt Ion: 43 Resp: 5512

Ion	Ratio	Lower	Upper
43	100		
58	26.3	21.7	32.5



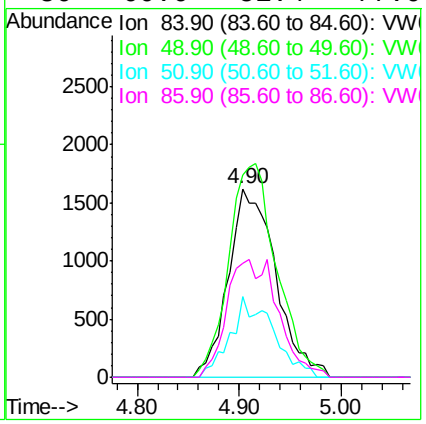


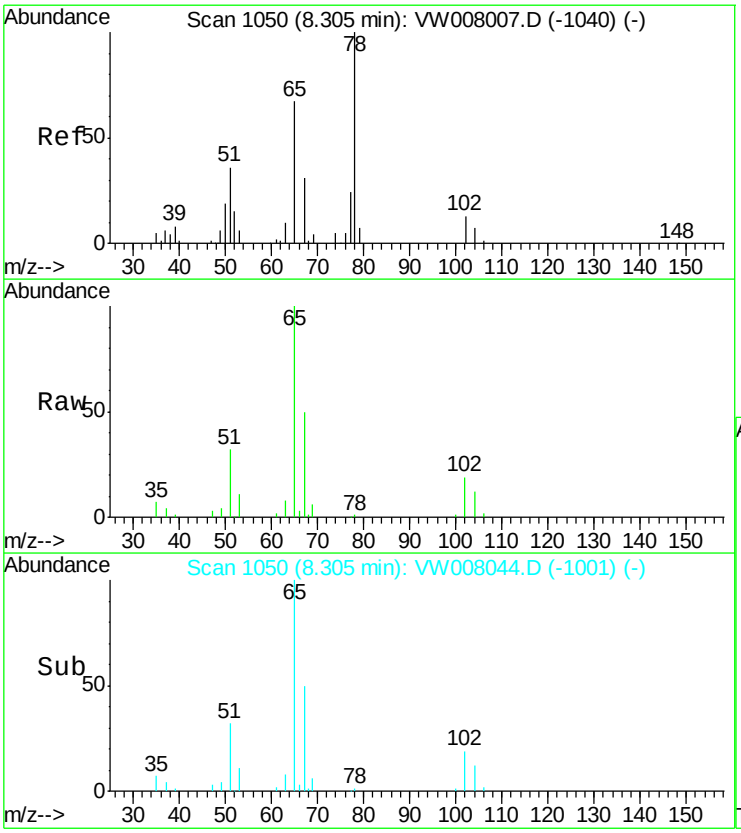
#20
Methylene Chloride
Concen: 6.100 ug/l
RT: 4.90 min Scan# 492
Delta R.T. -0.01 min
Lab File: VW008044.D
Acq: 04 Jan 2019 13:43

Instrument : MSVOA_W
ClientSampleId : RBR-200028

Tgt Ion: 84 Resp: 5230

Ion	Ratio	Lower	Upper
84	100		
49	107.4	87.7	131.5
51	42.9	27.3	40.9#
86	60.6	51.4	77.0

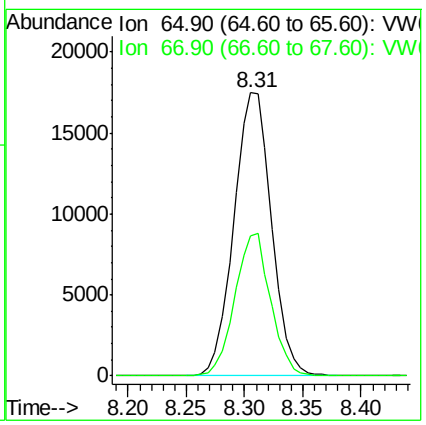


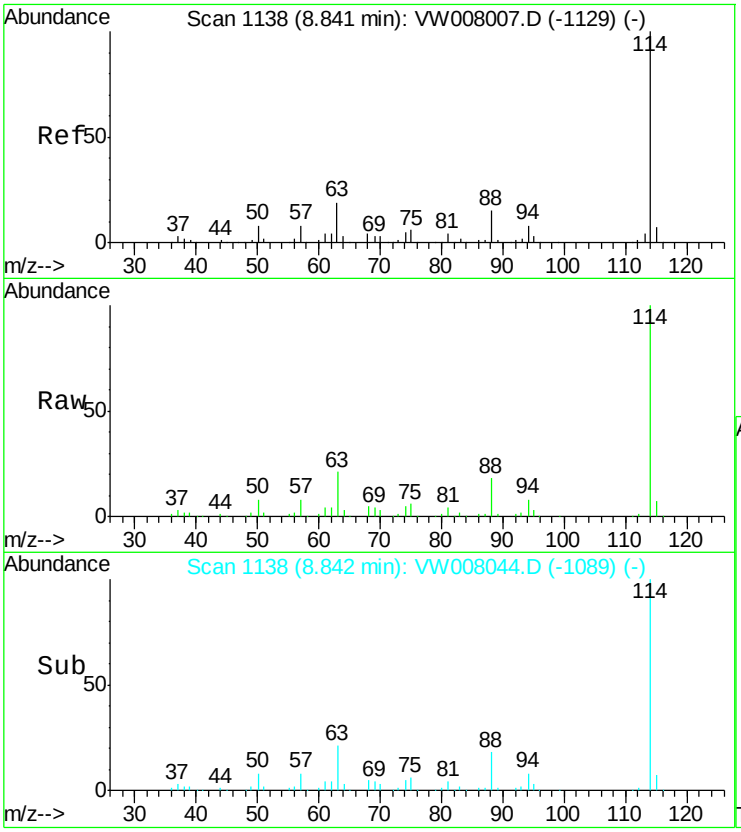


#33
1,2-Dichloroethane-d4
Concen: 58.793 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VW008044.D
Acq: 04 Jan 2019 13:43

Tgt Ion: 65 Resp: 39342

Ion	Ratio	Lower	Upper
65	100		
67	47.5	0.0	94.8



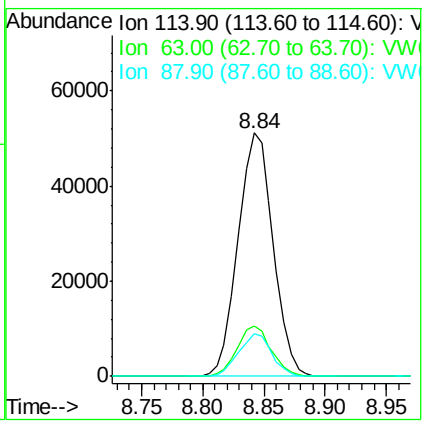


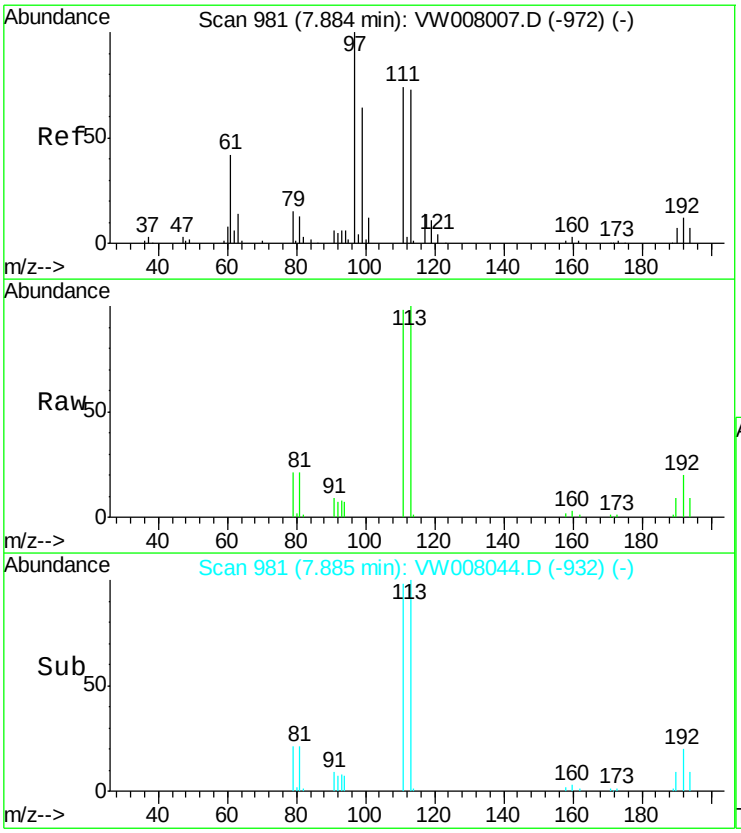
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. 0.00 min
Lab File: VW008044.D
Acq: 04 Jan 2019 13:43

Instrument : MSVOA_W
ClientSampleId : RBR-200028

Tgt Ion:114 Resp: 101933

Ion	Ratio	Lower	Upper
114	100		
63	20.5	0.0	37.8
88	17.6	0.0	31.0

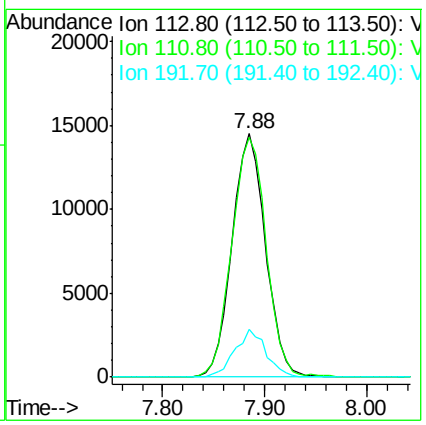


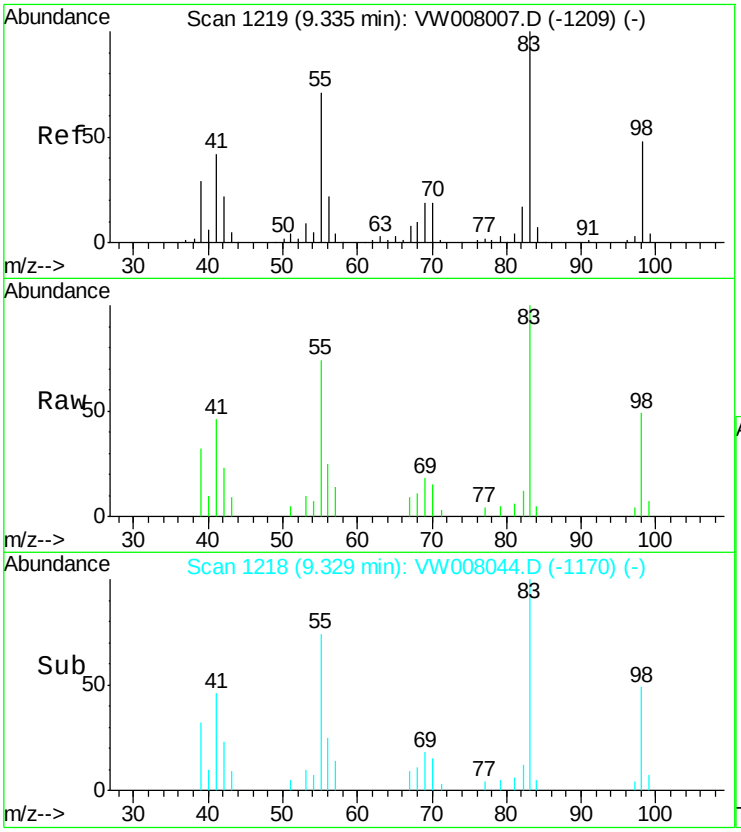


#35
Dibromofluoromethane
Concen: 51.313 ug/l
RT: 7.88 min Scan# 981
Delta R.T. 0.00 min
Lab File: VW008044.D
Acq: 04 Jan 2019 13:43

Tgt Ion:113 Resp: 32973

Ion	Ratio	Lower	Upper
113	100		
111	101.4	81.4	122.0
192	18.2	14.8	22.2



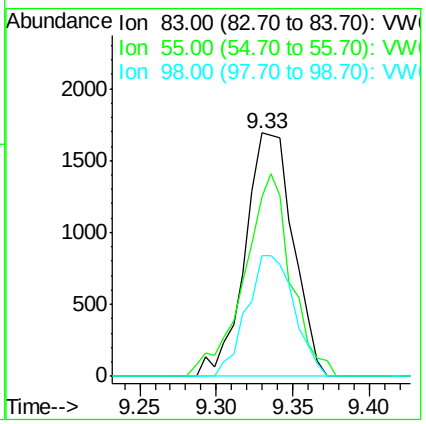


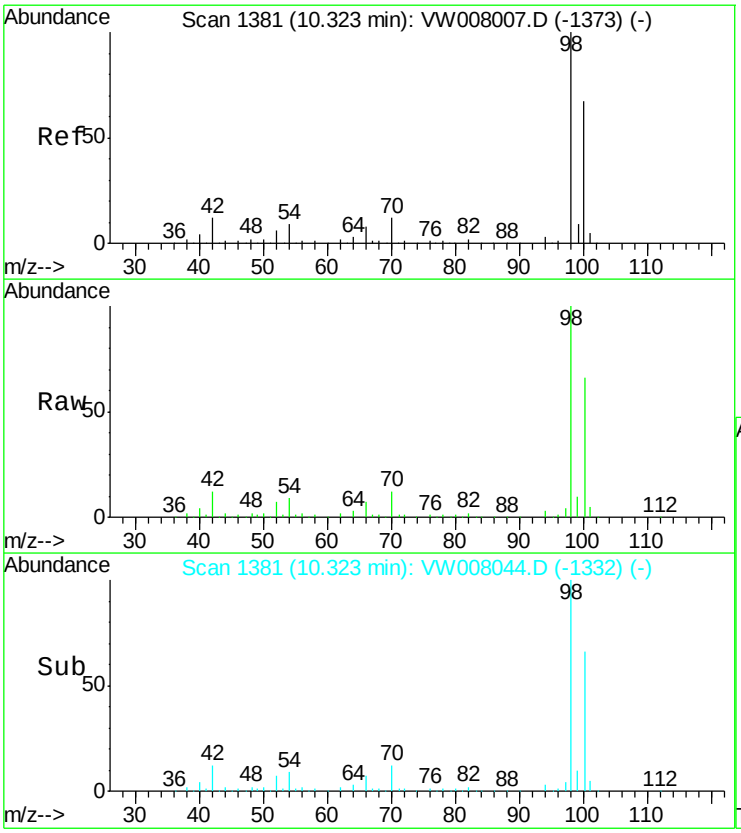
#39
Methylcyclohexane
Concen: 2.967 ug/l
RT: 9.33 min Scan# 1218
Delta R.T. -0.01 min
Lab File: VW008044.D
Acq: 04 Jan 2019 13:43

Instrument :
MSVOA_W
ClientSampleId :
RBR-200028

Tgt Ion: 83 Resp: 3719

Ion	Ratio	Lower	Upper
83	100		
55	73.6	56.8	85.2
98	49.5	38.6	58.0

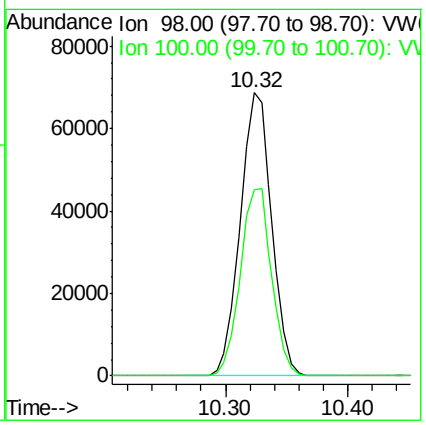


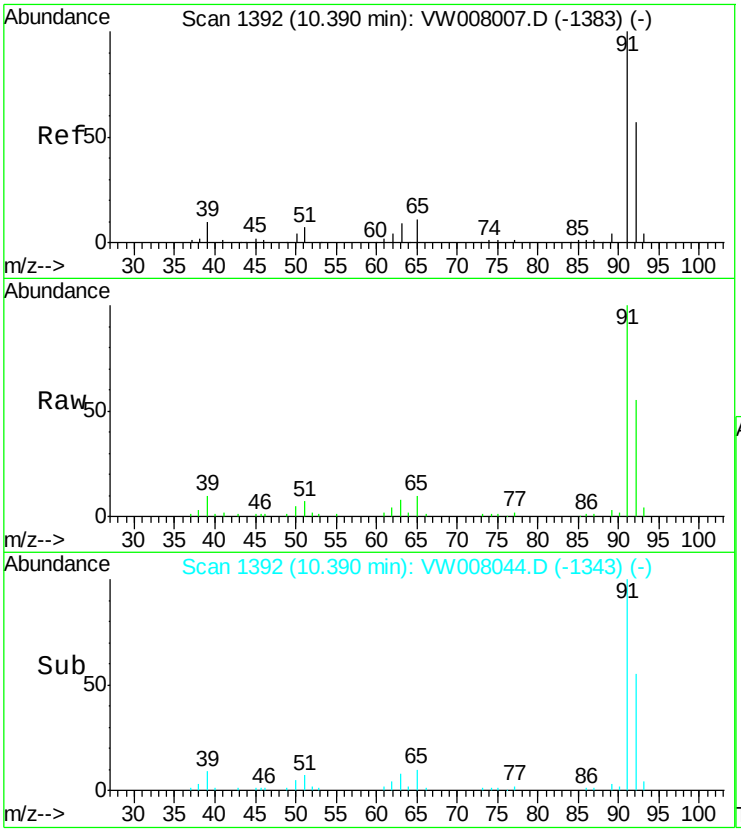


#50
Toluene-d8
Concen: 50.710 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW008044.D
Acq: 04 Jan 2019 13:43

Tgt Ion: 98 Resp: 122238

Ion	Ratio	Lower	Upper
98	100		
100	65.9	52.9	79.3



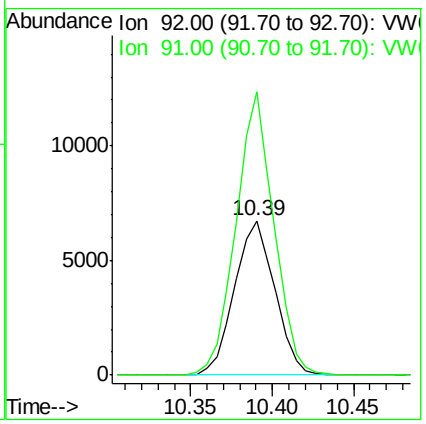


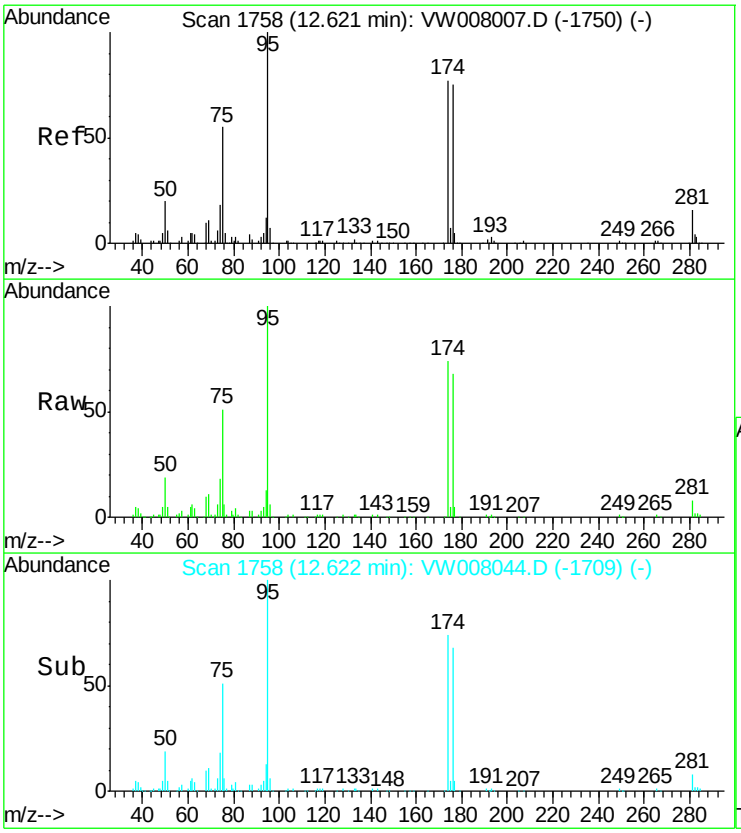
#52
Toluene
Concen: 6.598 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. 0.00 min
Lab File: VW008044.D
Acq: 04 Jan 2019 13:43

Instrument : MSVOA_W
ClientSampleId : RBR-200028

Tgt Ion: 92 Resp: 11555

Ion	Ratio	Lower	Upper
92	100		
91	172.7	136.9	205.3

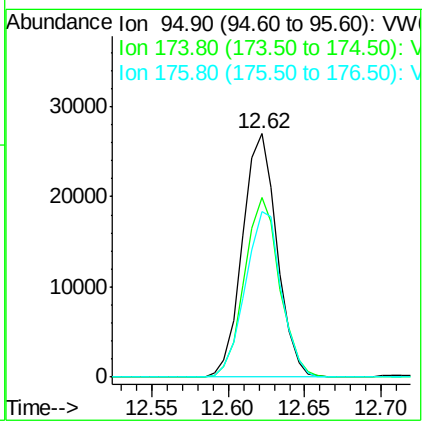


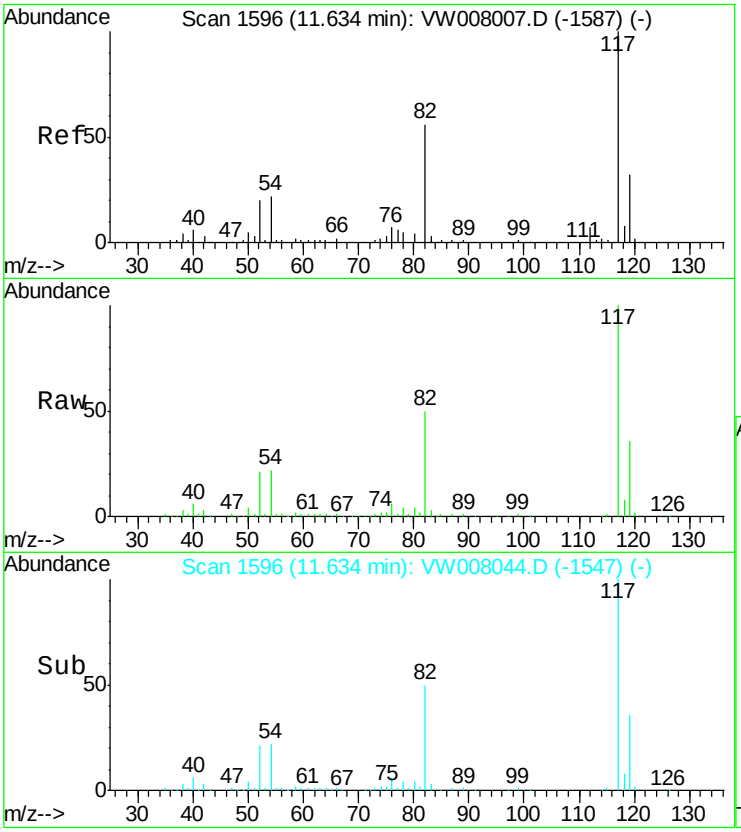


#62
4-Bromofluorobenzene
Concen: 45.774 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW008044.D
Acq: 04 Jan 2019 13:43

Tgt Ion: 95 Resp: 42316

Ion	Ratio	Lower	Upper
95	100		
174	75.4	0.0	149.6
176	71.5	0.0	145.4



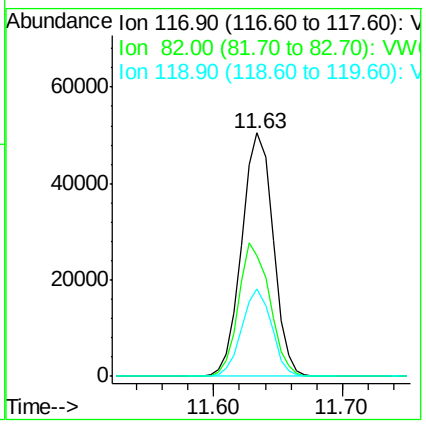


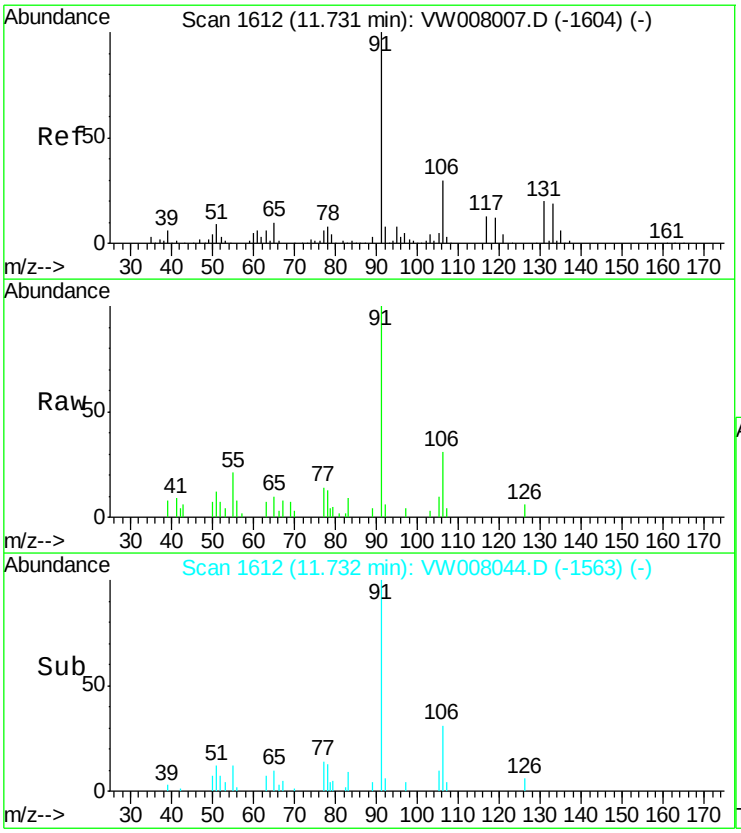
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW008044.D
Acq: 04 Jan 2019 13:43

Instrument : MSVOA_W
ClientSampleId : RBR-200028

Tgt Ion:117 Resp: 85031

Ion	Ratio	Lower	Upper
117	100		
82	49.7	44.8	67.2
119	36.2	25.6	38.4

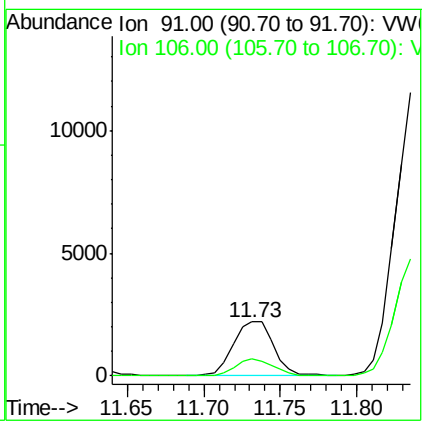


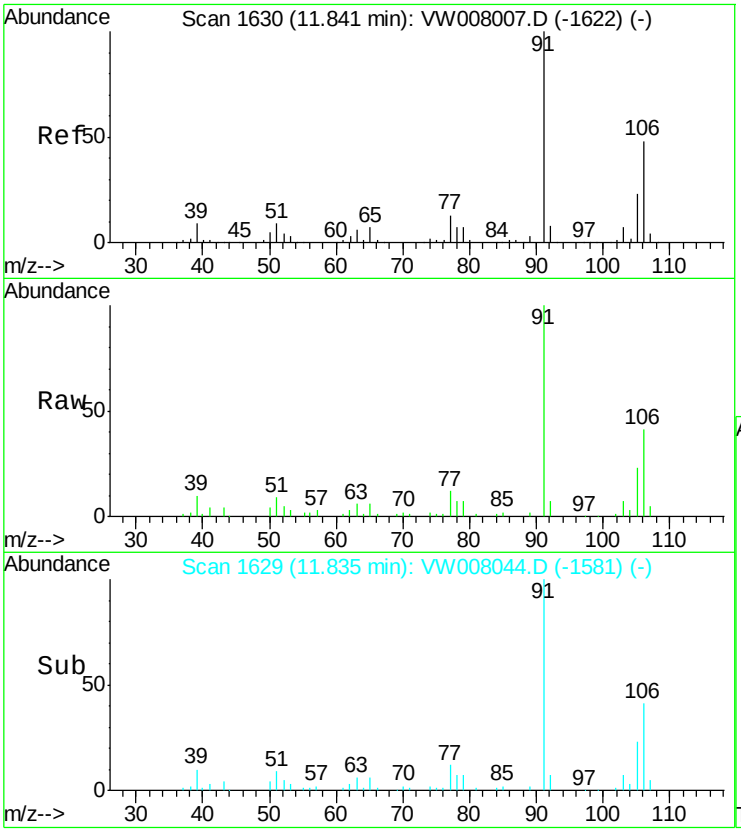


#67
Ethyl Benzene
Concen: 1.257 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW008044.D
Acq: 04 Jan 2019 13:43

Tgt Ion: 91 Resp: 4055

Ion	Ratio	Lower	Upper
91	100		
106	31.3	24.3	36.5



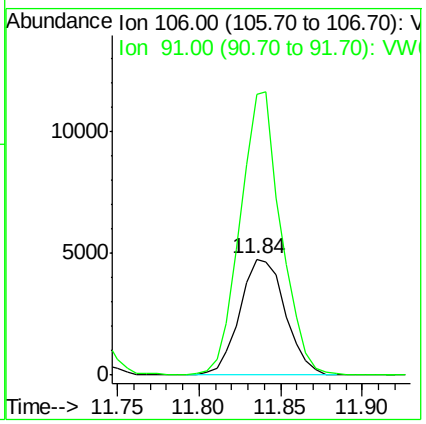


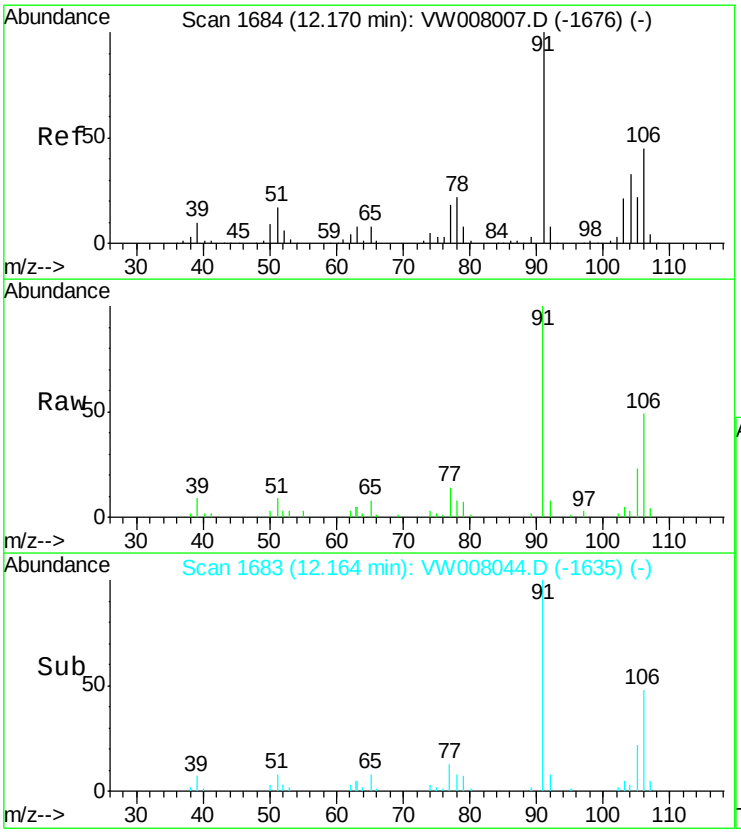
#68
m/p-Xylenes
Concen: 7.416 ug/l
RT: 11.84 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW008044.D
Acq: 04 Jan 2019 13:43

Instrument : MSVOA_W
ClientSampleId : RBR-200028

Tgt Ion:106 Resp: 9248

Ion	Ratio	Lower	Upper
106	100		
91	219.7	165.8	248.8

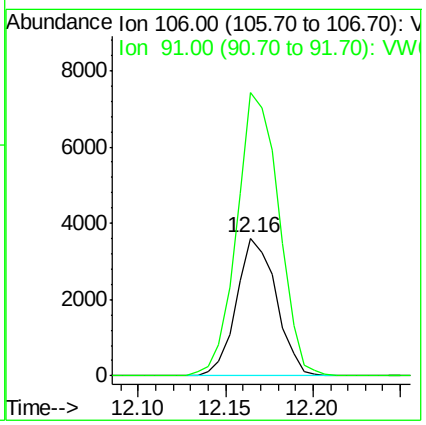


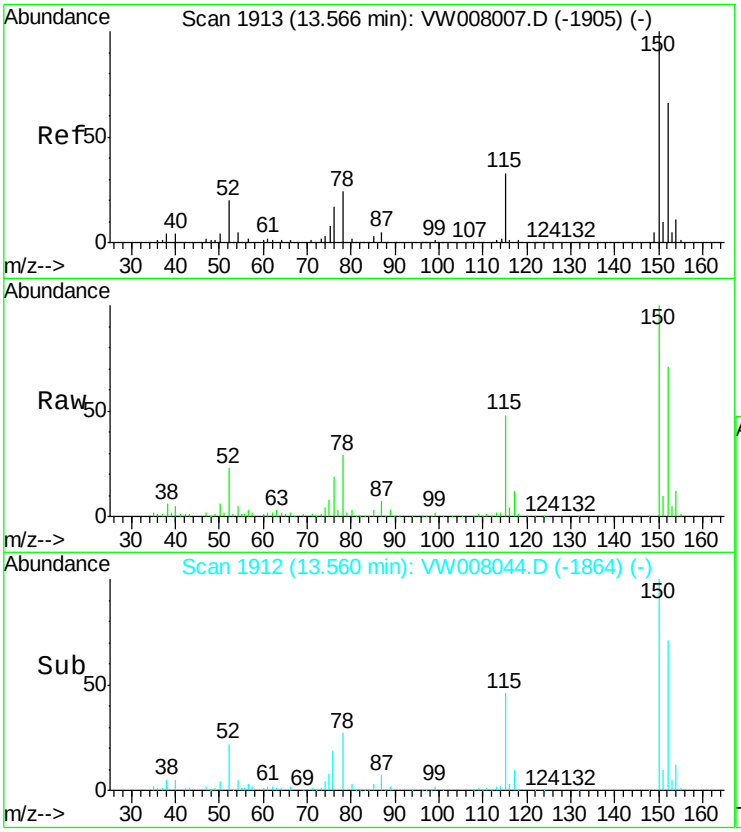


#69
o-Xylene
Concen: 4.929 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.01 min
Lab File: VW008044.D
Acq: 04 Jan 2019 13:43

Tgt Ion:106 Resp: 5720

Ion	Ratio	Lower	Upper
106	100		
91	216.9	110.6	331.6



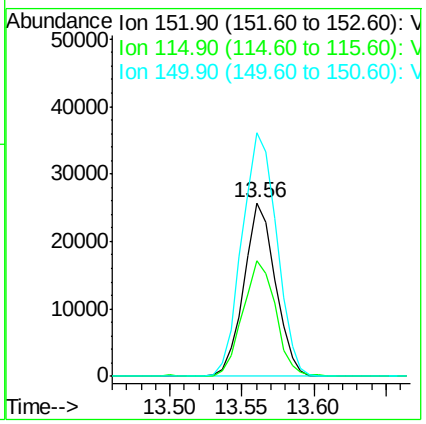


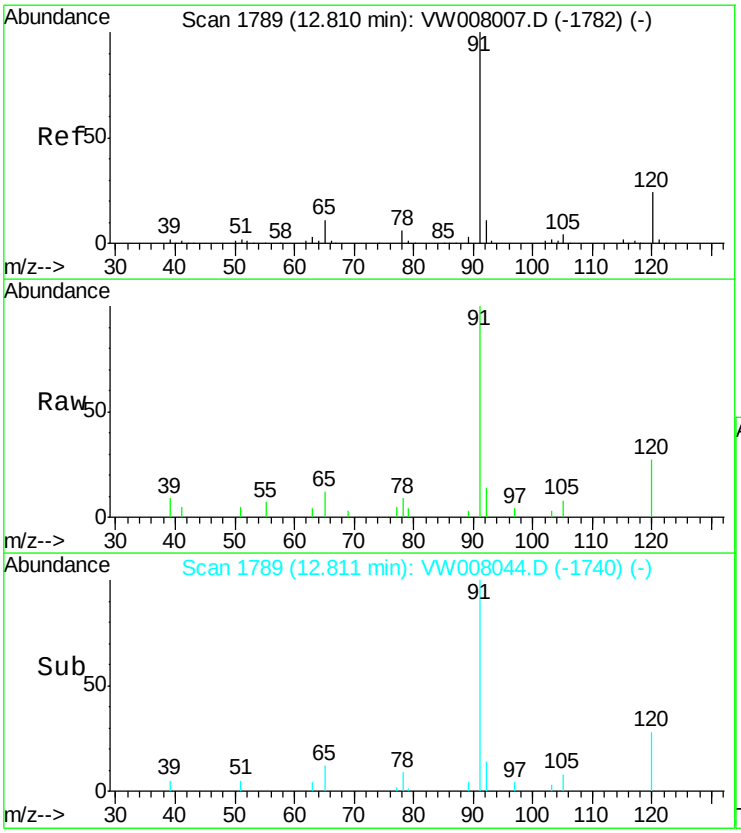
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.01 min
Lab File: VW008044.D
Acq: 04 Jan 2019 13:43

Instrument : MSVOA_W
ClientSampleId : RBR-200028

Tgt Ion:152 Resp: 38922

Ion	Ratio	Lower	Upper
152	100		
115	69.7	32.1	96.5
150	154.3	0.0	345.0

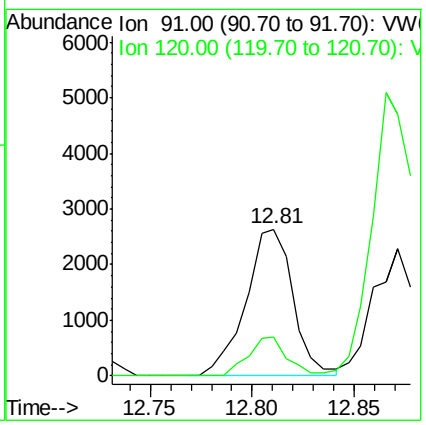


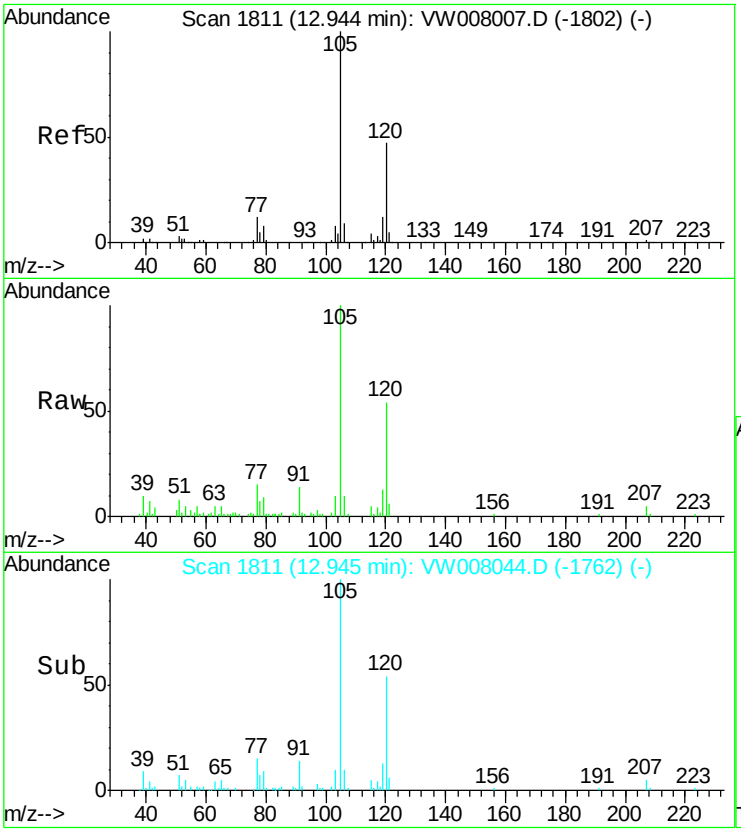


#78
n-propylbenzene
Concen: 1.184 ug/l
RT: 12.81 min Scan# 1789
Delta R.T. 0.00 min
Lab File: VW008044.D
Acq: 04 Jan 2019 13:43

Tgt Ion: 91 Resp: 4247

Ion	Ratio	Lower	Upper
91	100		
120	21.5	11.5	34.5



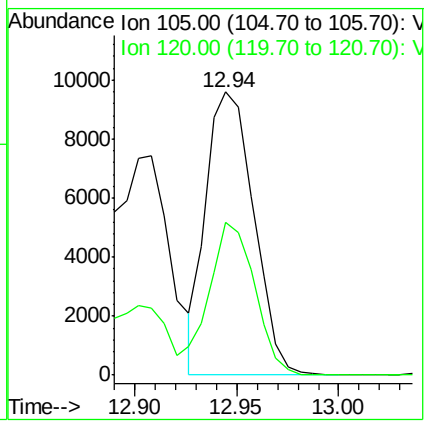


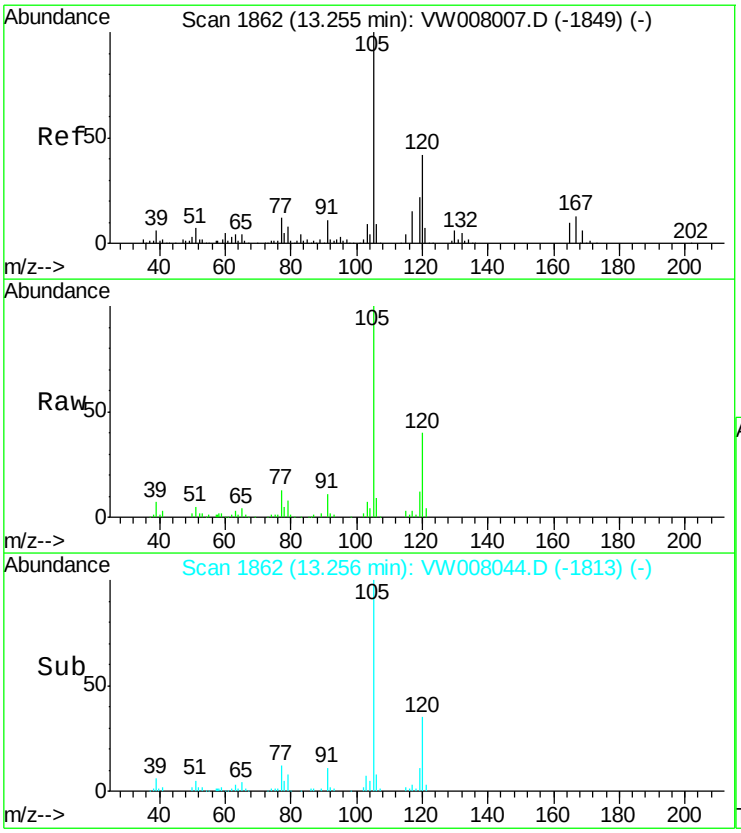
#80
1,3,5-Trimethylbenzene
Concen: 5.864 ug/l
RT: 12.94 min Scan# 1811
Delta R.T. 0.00 min
Lab File: VW008044.D
Acq: 04 Jan 2019 13:43

Instrument :
MSVOA_W
ClientSampleId :
RBR-200028

Tgt Ion:105 Resp: 15621

Ion	Ratio	Lower	Upper
105	100		
120	52.1	23.3	69.9

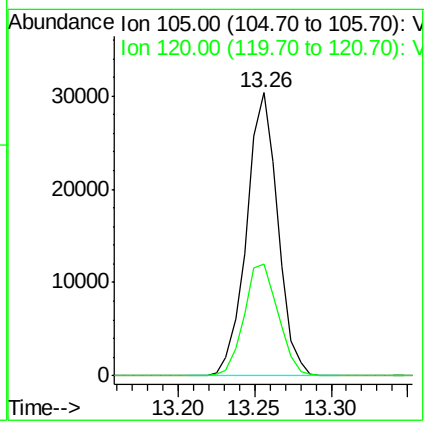


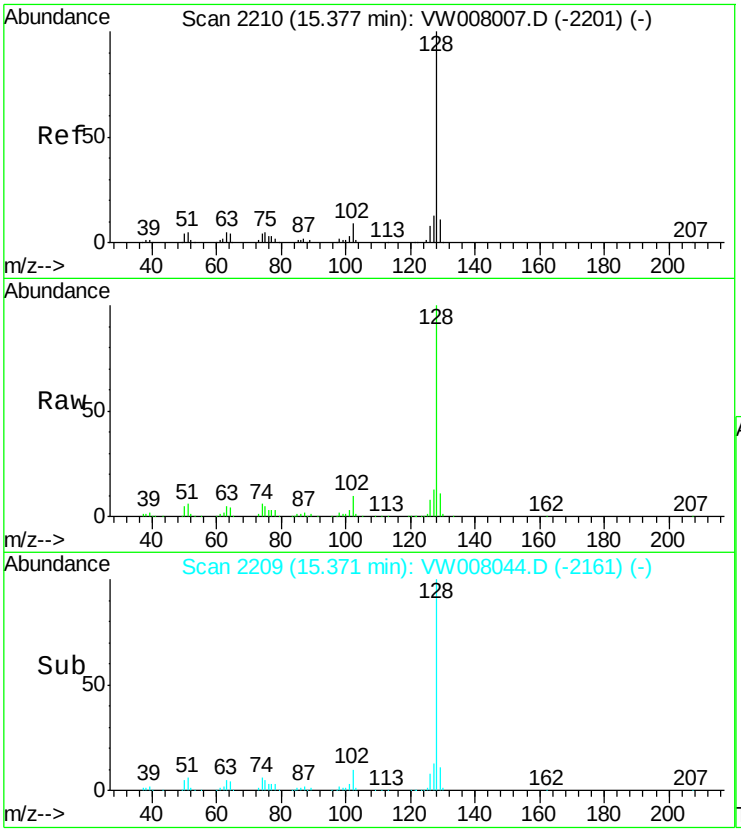


#84
1,2,4-Trimethylbenzene
Concen: 15.943 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. 0.00 min
Lab File: VW008044.D
Acq: 04 Jan 2019 13:43

Tgt Ion:105 Resp: 43020

Ion	Ratio	Lower	Upper
105	100		
120	43.1	21.5	64.5





#95
Naphthalene
Concen: 96.296 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. -0.01 min
Lab File: VW008044.D
Acq: 04 Jan 2019 13:43

Instrument :
MSVOA_W
ClientSampleId :
RBR-200028

Tgt Ion:128 Resp: 135862

Ion	Ratio	Lower	Upper
128	100		
127	13.6	10.8	16.2
129	11.4	8.8	13.2