Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW010919\
Data File : VW008138.D
Acq On : 10 Jan 2019 08:32
Operator : SY/AP
Sample : K1006-07
Misc : 6.82G/5ML/MSVOA W/SOIL
ALS Vial : 50 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : JC-03-010819-D

Quant Time: Jan 10 11:11:46 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010819S.M
Quant Title : SW846 8260
QLast Update : Wed Jan 09 04:40:48 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	49806	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	91609	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	79494	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	30261	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	31703	56.64	ug/l	0.00
Spiked Amount 50.000			Recovery = 113.28%			
35) Dibromofluoromethane	7.88	113	28684	53.69	ug/l	0.00
Spiked Amount 50.000			Recovery = 107.38%			
50) Toluene-d8	10.32	98	118117	52.68	ug/l	0.00
Spiked Amount 50.000			Recovery = 105.36%			
62) 4-Bromofluorobenzene	12.62	95	34517	42.94	ug/l	0.00
Spiked Amount 50.000			Recovery = 85.88%			
Target Compounds						Qvalue
16) Acetone	4.13	43	9427	79.244	ug/l	90
17) Carbon Disulfide	4.37	76	2910	1.708	ug/l	96
20) Methylene Chloride	4.91	84	5262	5.244	ug/l	87
52) Toluene	10.39	92	7128	4.361	ug/l	94
80) 1,3,5-Trimethylbenzene	12.94	105	2140	1.096	ug/l	91
84) 1,2,4-Trimethylbenzene	13.26	105	9011	4.475	ug/l	97
95) Naphthalene	15.38	128	4066	3.665	ug/l #	88

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

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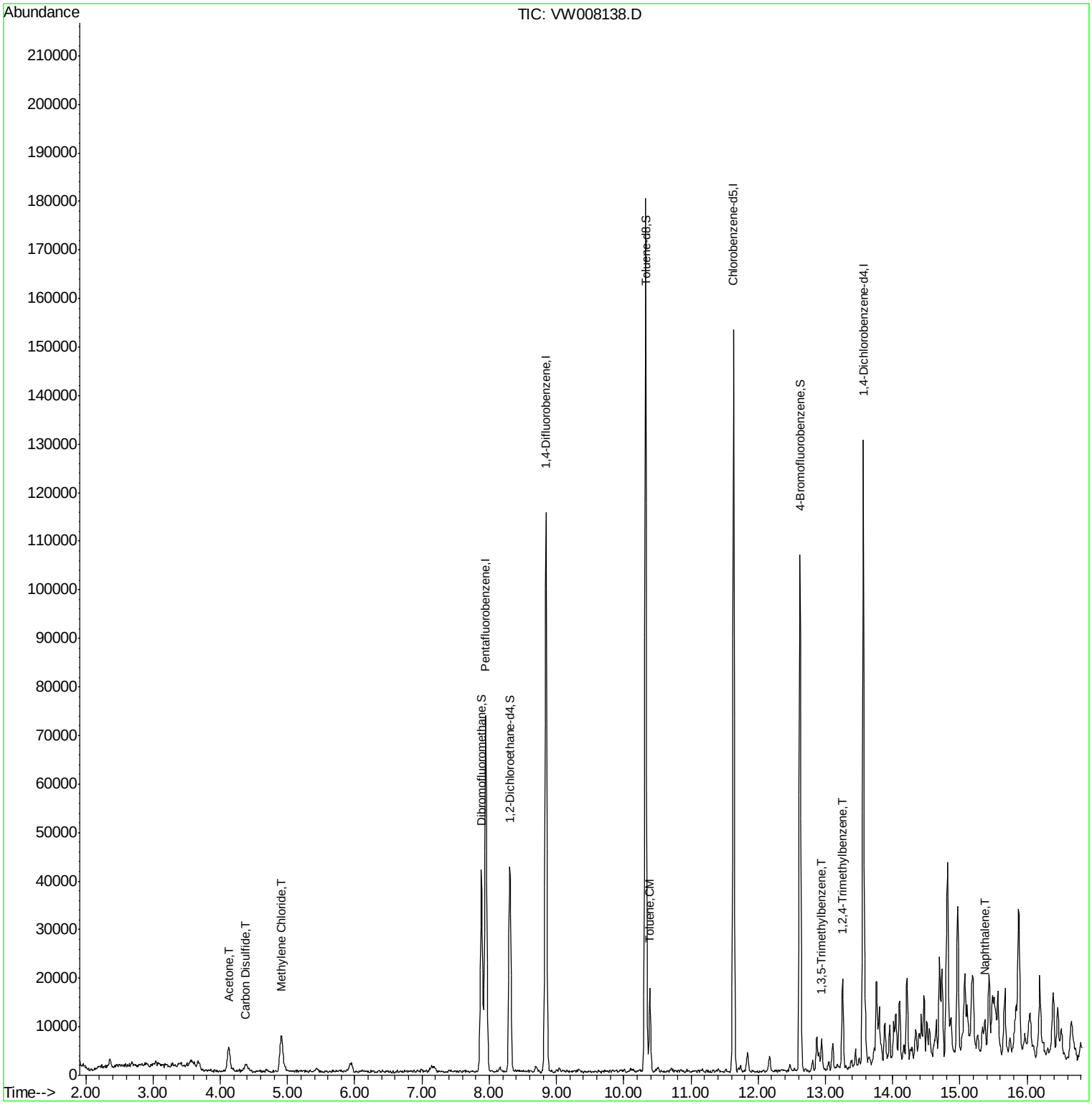
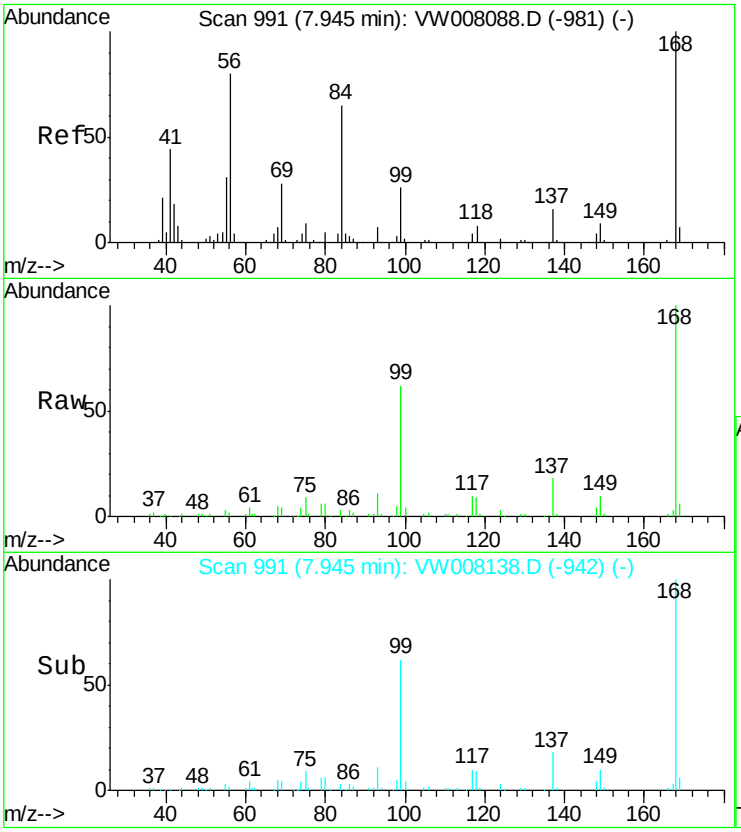


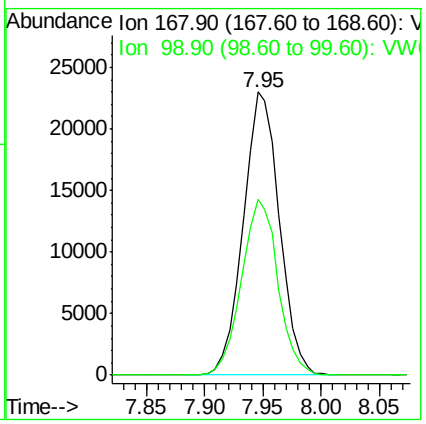


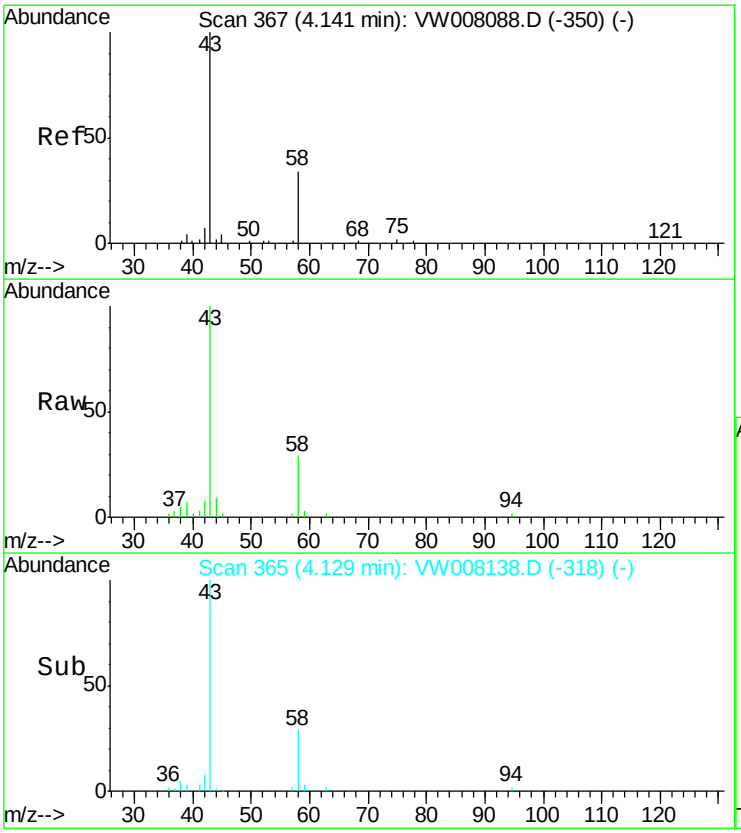
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.00 min
Lab File: VW008138.D
Acq: 10 Jan 2019 08:32

Instrument : MSVOA_W
ClientSampleId : JC-03-010819-D

Tgt Ion:168 Resp: 49806

Ion	Ratio	Lower	Upper
168	100		
99	62.0	52.6	78.8

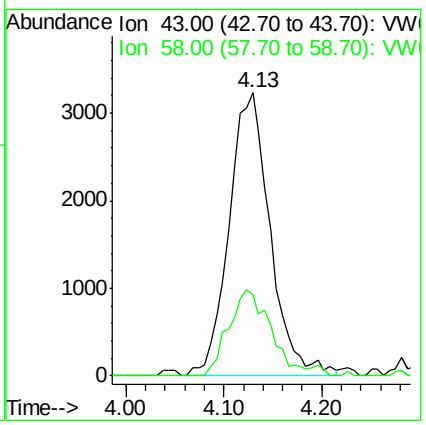


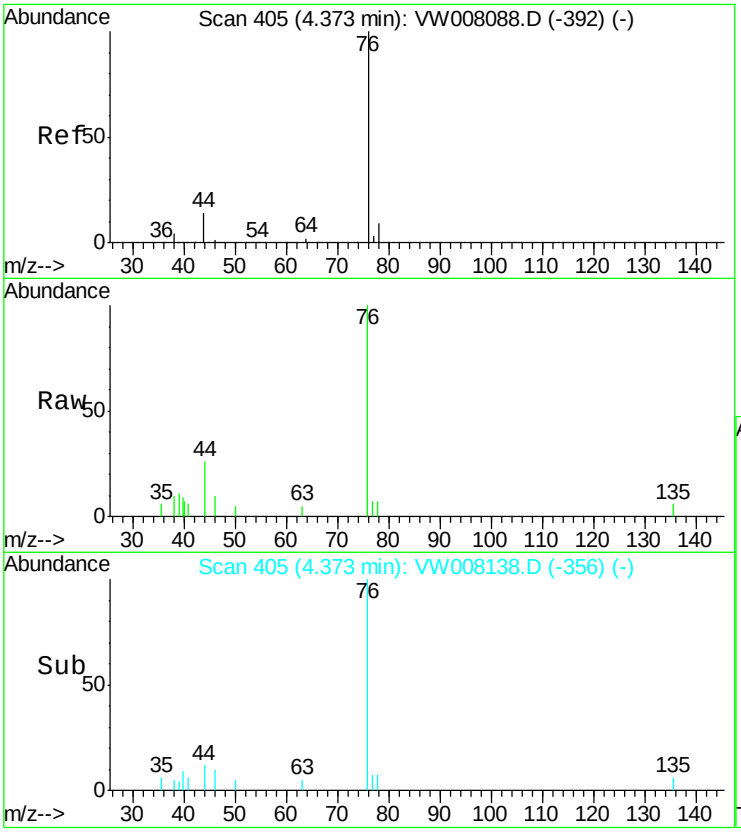


#16
Acetone
Concen: 79.244 ug/l
RT: 4.13 min Scan# 365
Delta R.T. -0.01 min
Lab File: VW008138.D
Acq: 10 Jan 2019 08:32

Tgt Ion: 43 Resp: 9427

Ion	Ratio	Lower	Upper
43	100		
58	28.5	27.5	41.3



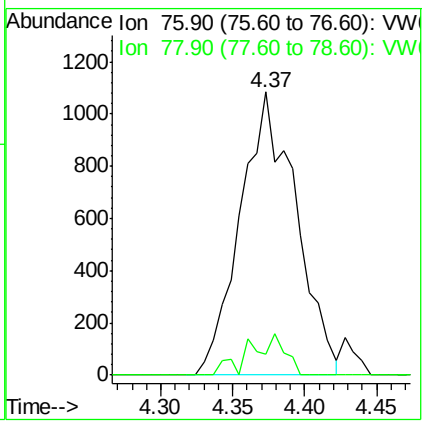


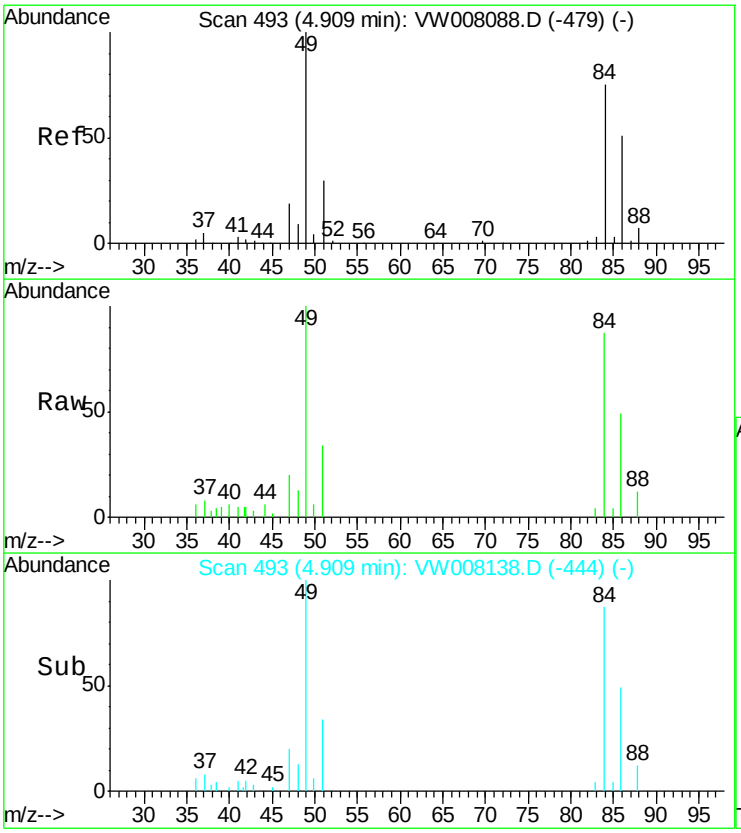
#17
Carbon Disulfide
Concen: 1.708 ug/l
RT: 4.37 min Scan# 405
Delta R.T. 0.00 min
Lab File: VW008138.D
Acq: 10 Jan 2019 08:32

Instrument : MSVOA_W
ClientSampleId : JC-03-010819-D

Tgt Ion: 76 Resp: 2910

Ion	Ratio	Lower	Upper
76	100		
78	7.2	7.0	10.6

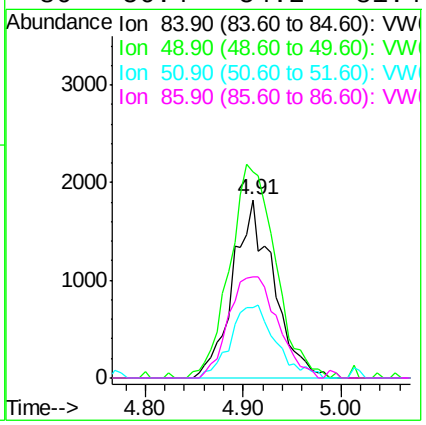


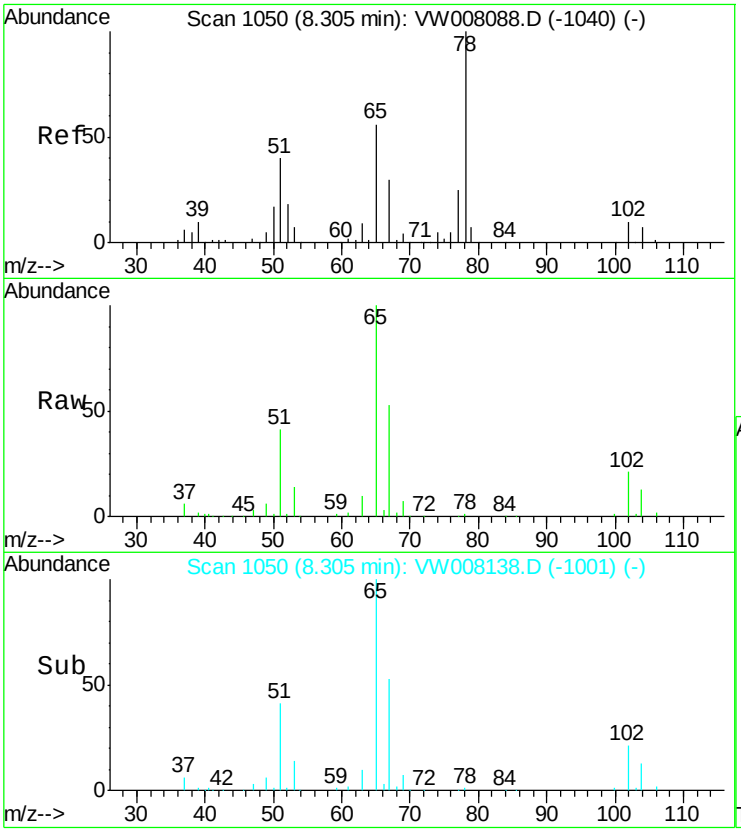


#20
Methylene Chloride
Concen: 5.244 ug/l
RT: 4.91 min Scan# 493
Delta R.T. 0.00 min
Lab File: VW008138.D
Acq: 10 Jan 2019 08:32

Tgt Ion: 84 Resp: 5262

Ion	Ratio	Lower	Upper
84	100		
49	115.3	107.1	160.7
51	39.5	32.4	48.6
86	56.4	54.2	81.4



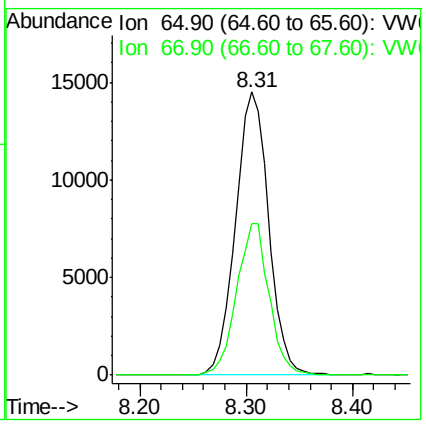


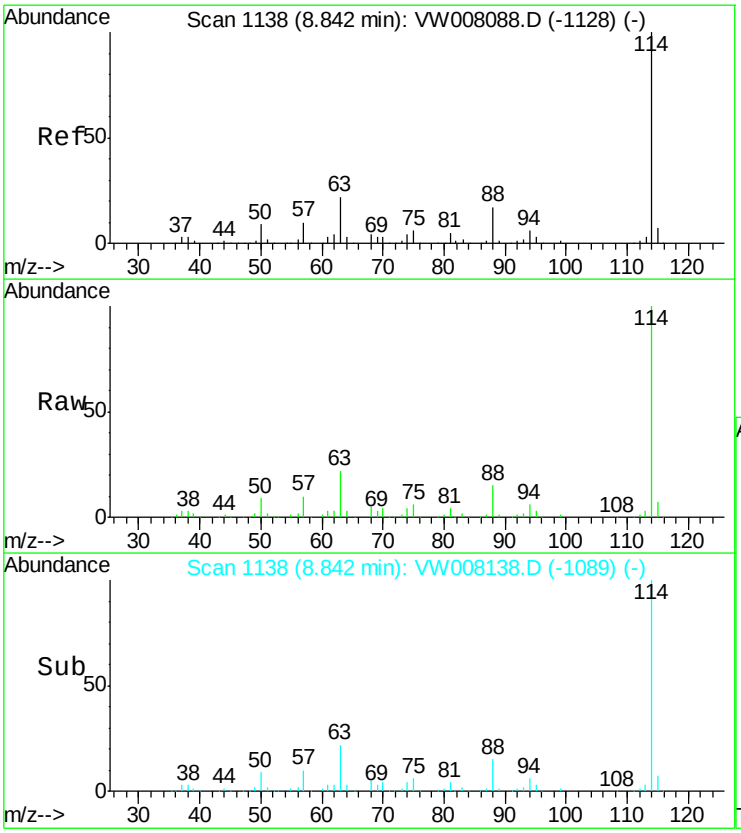
#33
1,2-Dichloroethane-d4
Concen: 56.635 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW008138.D
Acq: 10 Jan 2019 08:32

Instrument : MSVOA_W
ClientSampleId : JC-03-010819-D

Tgt Ion: 65 Resp: 31703

Ion	Ratio	Lower	Upper
65	100		
67	52.4	0.0	106.8

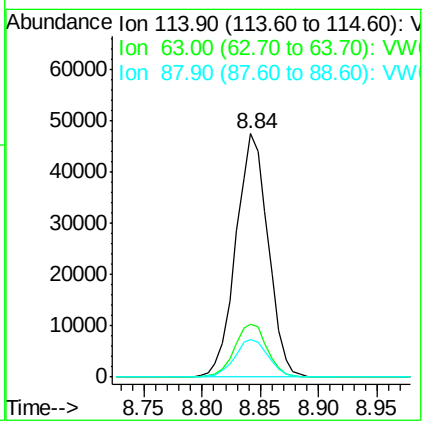


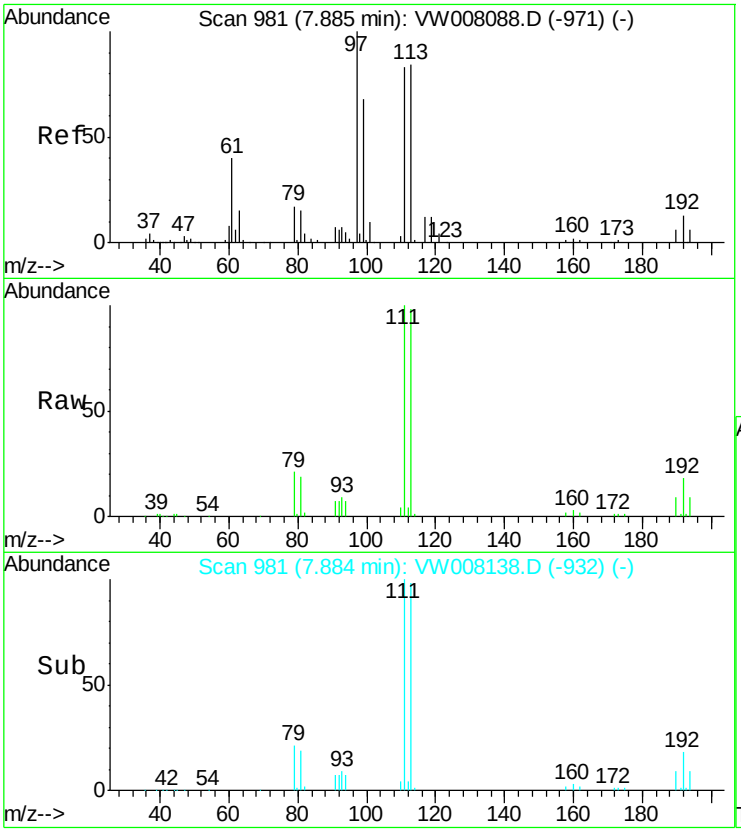


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. -0.00 min
Lab File: VW008138.D
Acq: 10 Jan 2019 08:32

Tgt Ion:114 Resp: 91609

Ion	Ratio	Lower	Upper
114	100		
63	21.7	0.0	43.4
88	15.4	0.0	33.4



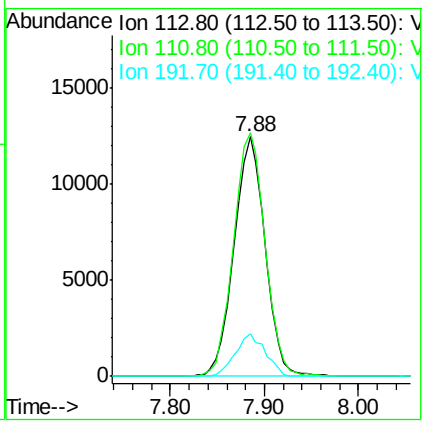


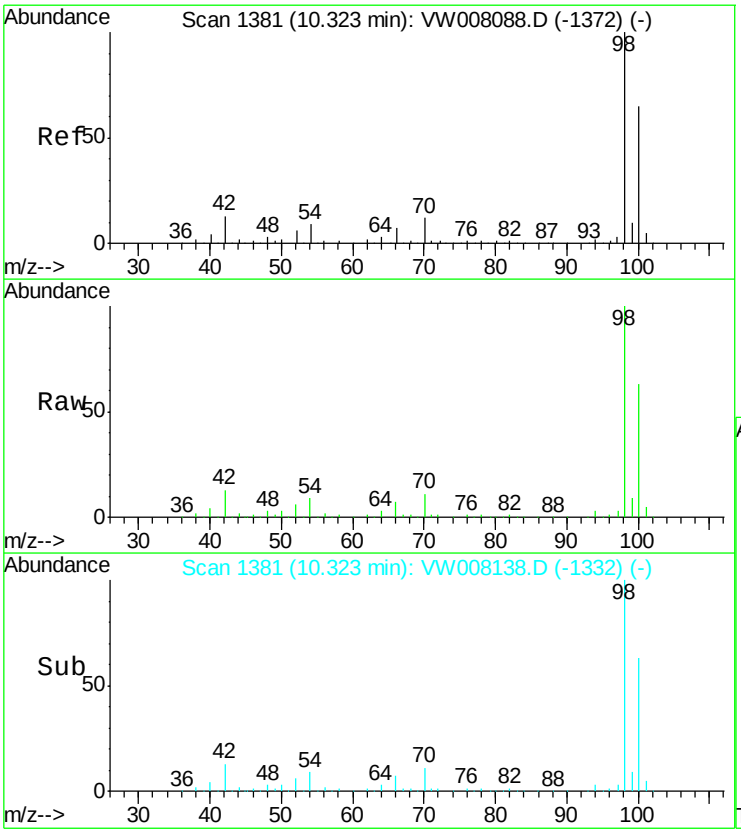
#35
Dibromofluoromethane
Concen: 53.685 ug/l
RT: 7.88 min Scan# 981
Delta R.T. -0.00 min
Lab File: VW008138.D
Acq: 10 Jan 2019 08:32

Instrument :
MSVOA_W
ClientSampleId :
JC-03-010819-D

Tgt Ion:113 Resp: 28684

Ion	Ratio	Lower	Upper
113	100		
111	103.7	81.8	122.8
192	17.3	12.8	19.2

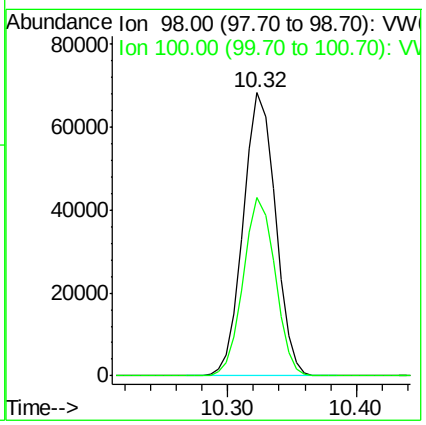


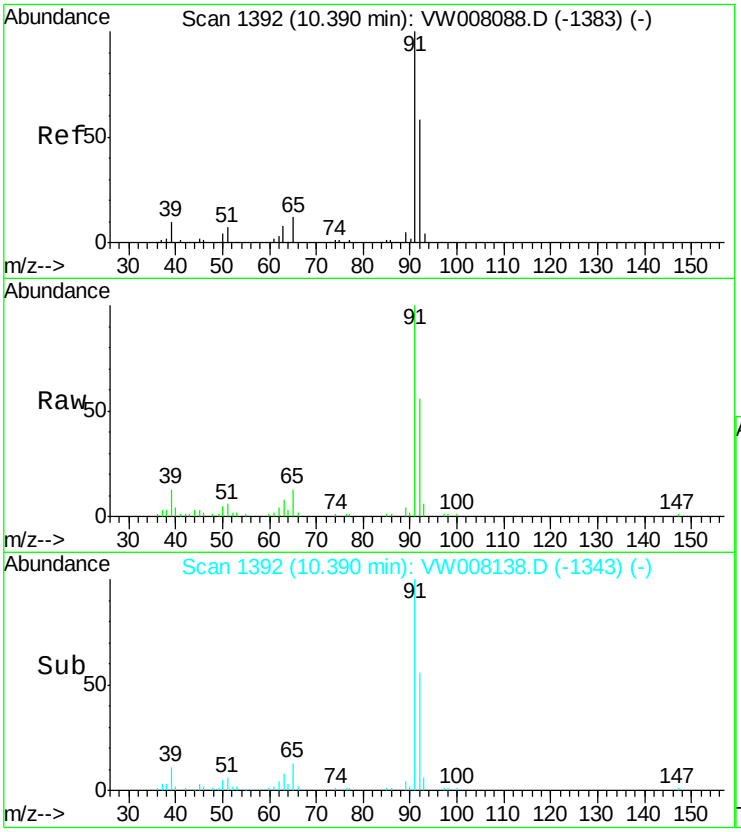


#50
Toluene-d8
Concen: 52.681 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW008138.D
Acq: 10 Jan 2019 08:32

Tgt Ion: 98 Resp: 118117

Ion	Ratio	Lower	Upper
98	100		
100	62.4	51.7	77.5



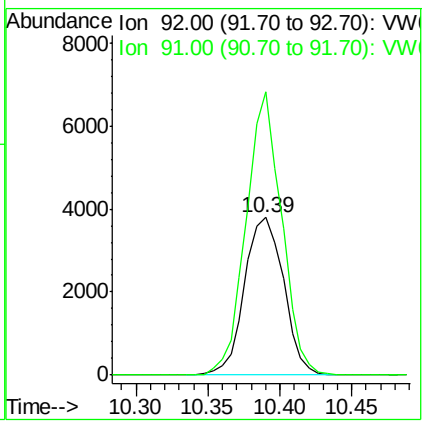


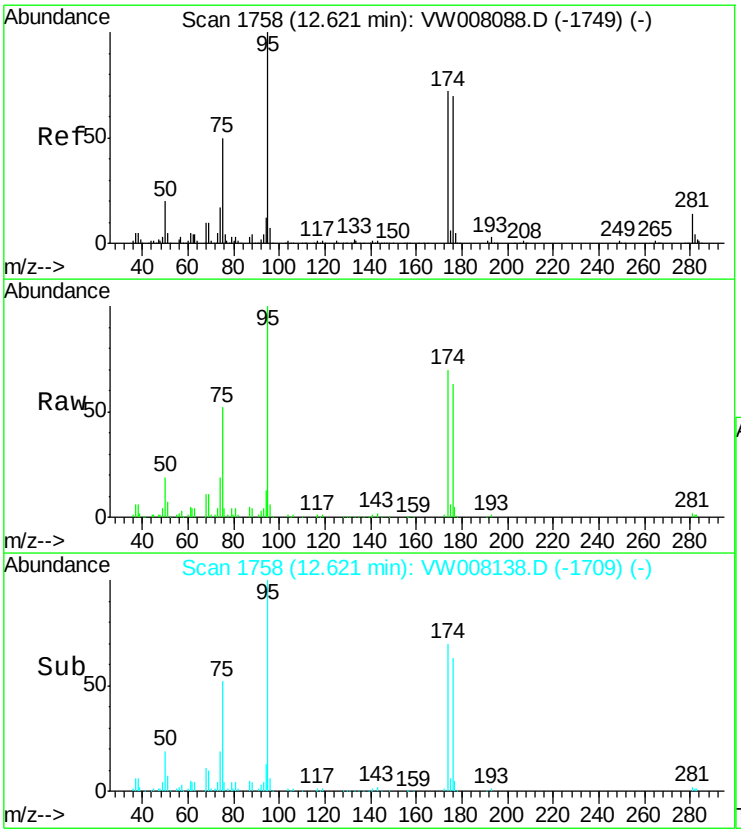
#52
Toluene
Concen: 4.361 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. -0.00 min
Lab File: VW008138.D
Acq: 10 Jan 2019 08:32

Instrument :
MSVOA_W
ClientSampleId :
JC-03-010819-D

Tgt Ion: 92 Resp: 7128

Ion	Ratio	Lower	Upper
92	100		
91	162.8	137.0	205.4

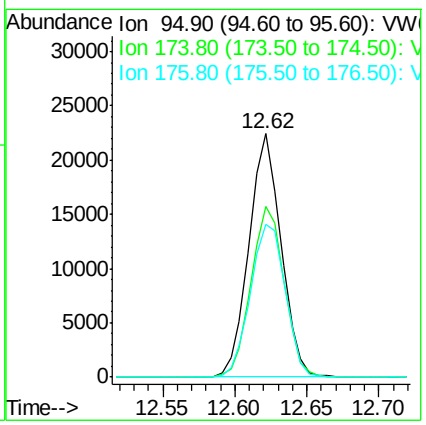


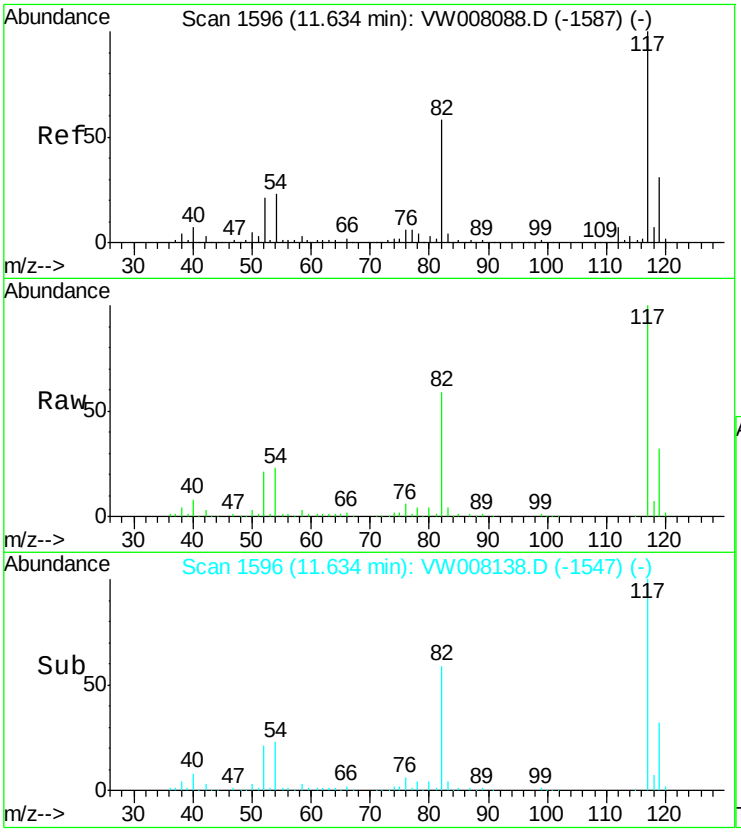


#62
4-Bromofluorobenzene
Concen: 42.942 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW008138.D
Acq: 10 Jan 2019 08:32

Tgt Ion: 95 Resp: 34517

Ion	Ratio	Lower	Upper
95	100		
174	72.0	0.0	143.0
176	68.2	0.0	140.2



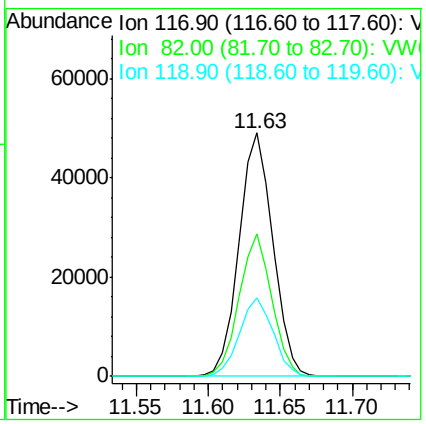


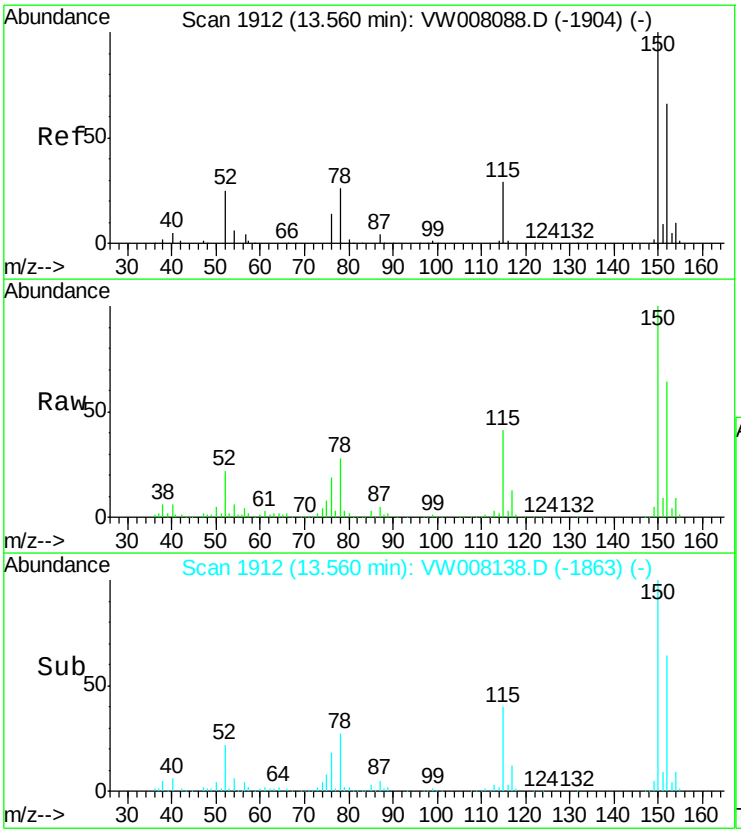
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW008138.D
Acq: 10 Jan 2019 08:32

Instrument : MSVOA_W
ClientSampleId : JC-03-010819-D

Tgt Ion:117 Resp: 79494

Ion	Ratio	Lower	Upper
117	100		
82	58.5	46.4	69.6
119	32.1	24.7	37.1

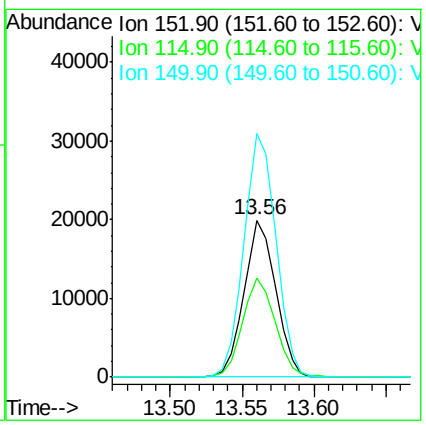


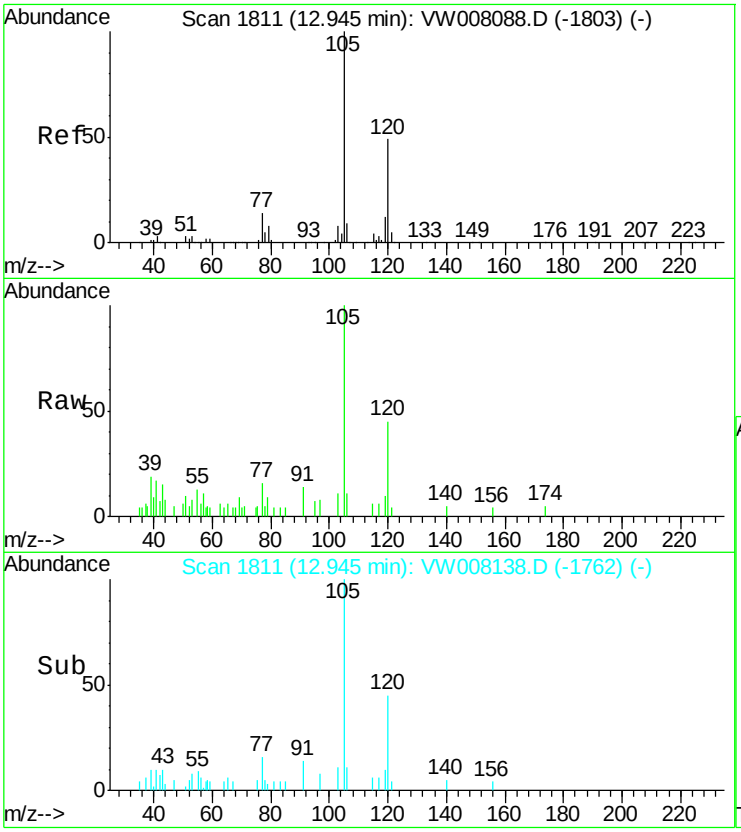


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW008138.D
Acq: 10 Jan 2019 08:32

Tgt Ion:152 Resp: 30261

Ion	Ratio	Lower	Upper
152	100		
115	65.2	30.8	92.4
150	157.2	0.0	350.2



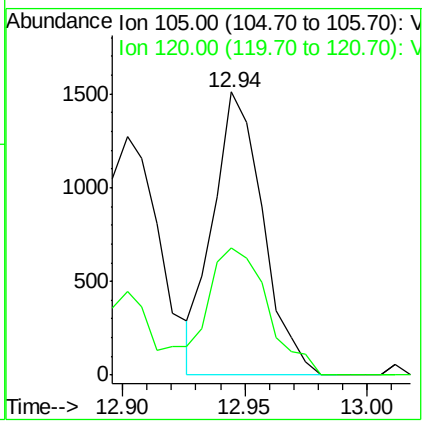


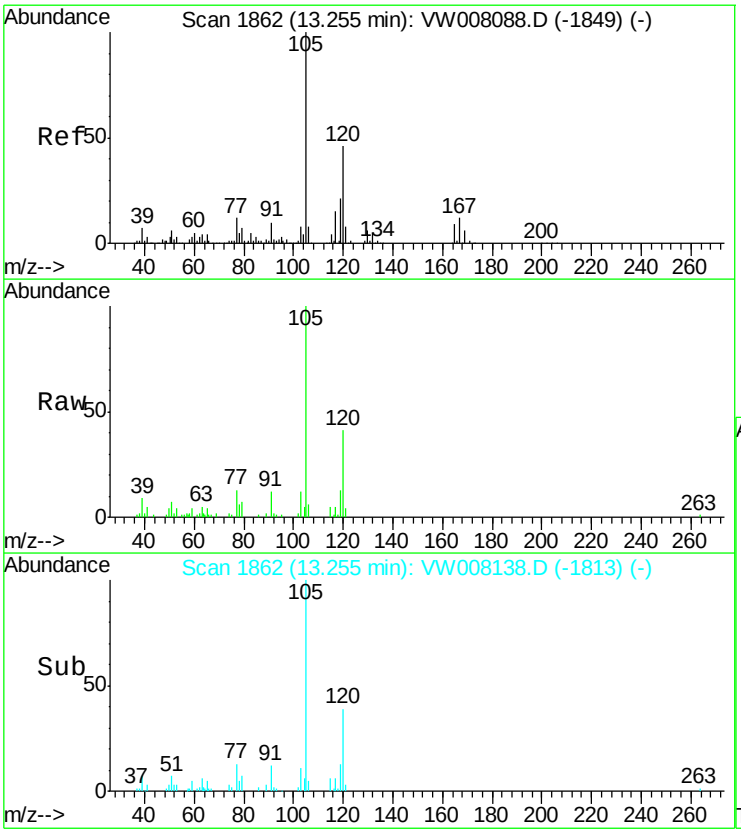
#80
1,3,5-Trimethylbenzene
Concen: 1.096 ug/l
RT: 12.94 min Scan# 1811
Delta R.T. -0.00 min
Lab File: VW008138.D
Acq: 10 Jan 2019 08:32

Instrument :
MSVOA_W
ClientSampleId :
JC-03-010819-D

Tgt Ion:105 Resp: 2140

Ion	Ratio	Lower	Upper
105	100		
120	55.4	24.7	74.1

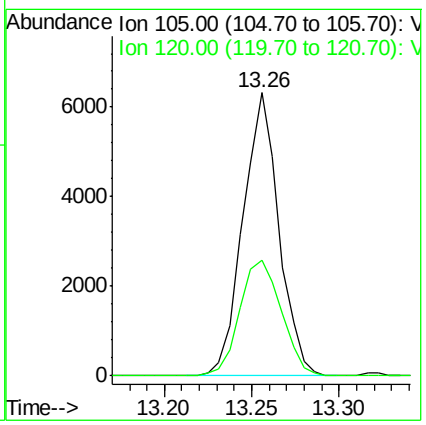


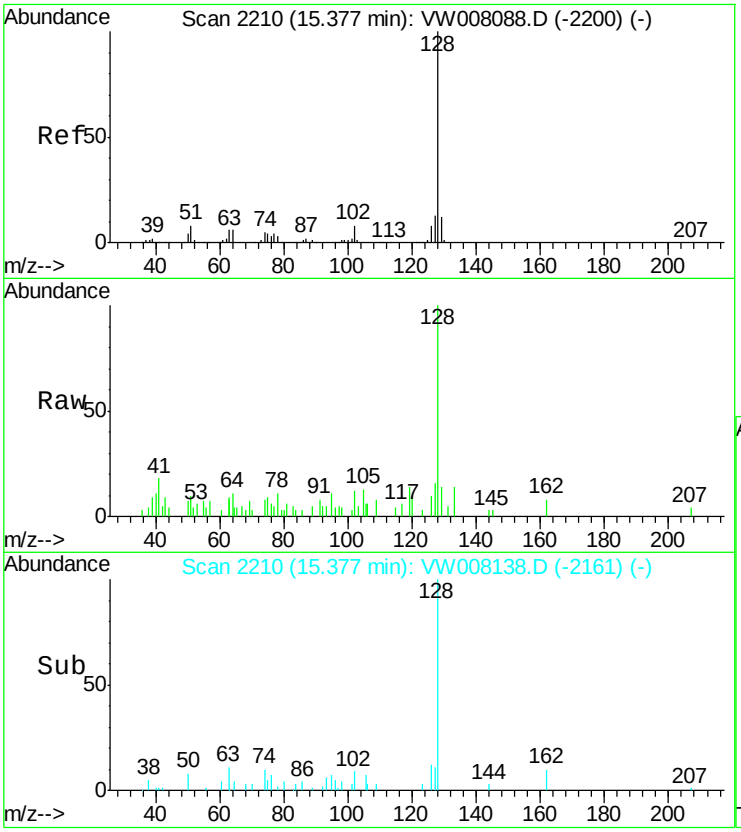


#84
1,2,4-Trimethylbenzene
Concen: 4.475 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. 0.00 min
Lab File: VW008138.D
Acq: 10 Jan 2019 08:32

Tgt Ion:105 Resp: 9011

Ion	Ratio	Lower	Upper
105	100		
120	47.6	22.7	68.1





#95
Naphthalene
Concen: 3.665 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW008138.D
Acq: 10 Jan 2019 08:32

Instrument :
MSVOA_W
ClientSampleId :
JC-03-010819-D

Tgt Ion:128 Resp: 4066

Ion	Ratio	Lower	Upper
128	100		
127	16.4	11.0	16.4
129	18.6	9.0	13.6#