Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW101818\
Data File : VW006220.D
Acq On : 19 Oct 2018 12:31
Operator : VA/AP
Sample : J5195-03RE
Misc : 4.76G/5ML/MSVOA_W/SOIL
ALS Vial : 57 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : JC-02-101818-ARE

Quant Time: Oct 19 13:04:56 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 18 17:01:24 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	234914	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	321464	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	218768	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	58843	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	86982	44.66	ug/l	0.00
Spiked Amount 50.000			Recovery = 89.32%			
35) Dibromofluoromethane	7.89	113	86915	45.76	ug/l	0.00
Spiked Amount 50.000			Recovery = 91.52%			
50) Toluene-d8	10.33	98	294474	40.75	ug/l	0.00
Spiked Amount 50.000			Recovery = 81.50%			
62) 4-Bromofluorobenzene	12.62	95	68557	25.26	ug/l	0.00
Spiked Amount 50.000			Recovery = 50.52%			
Target Compounds						Qvalue
16) Acetone	4.15	43	29492	70.06	ug/l	94
20) Methylene Chloride	4.92	84	9871	3.27	ug/l	96
39) Methylcyclohexane	9.34	83	13861	3.52	ug/l	94
73) Isopropylbenzene	12.47	105	19595	4.71	ug/l	99
78) n-propylbenzene	12.81	91	17002	3.52	ug/l	99
83) tert-Butylbenzene	13.21	119	4413	1.41	ug/l	90
85) sec-Butylbenzene	13.39	105	14032	3.17	ug/l #	66

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

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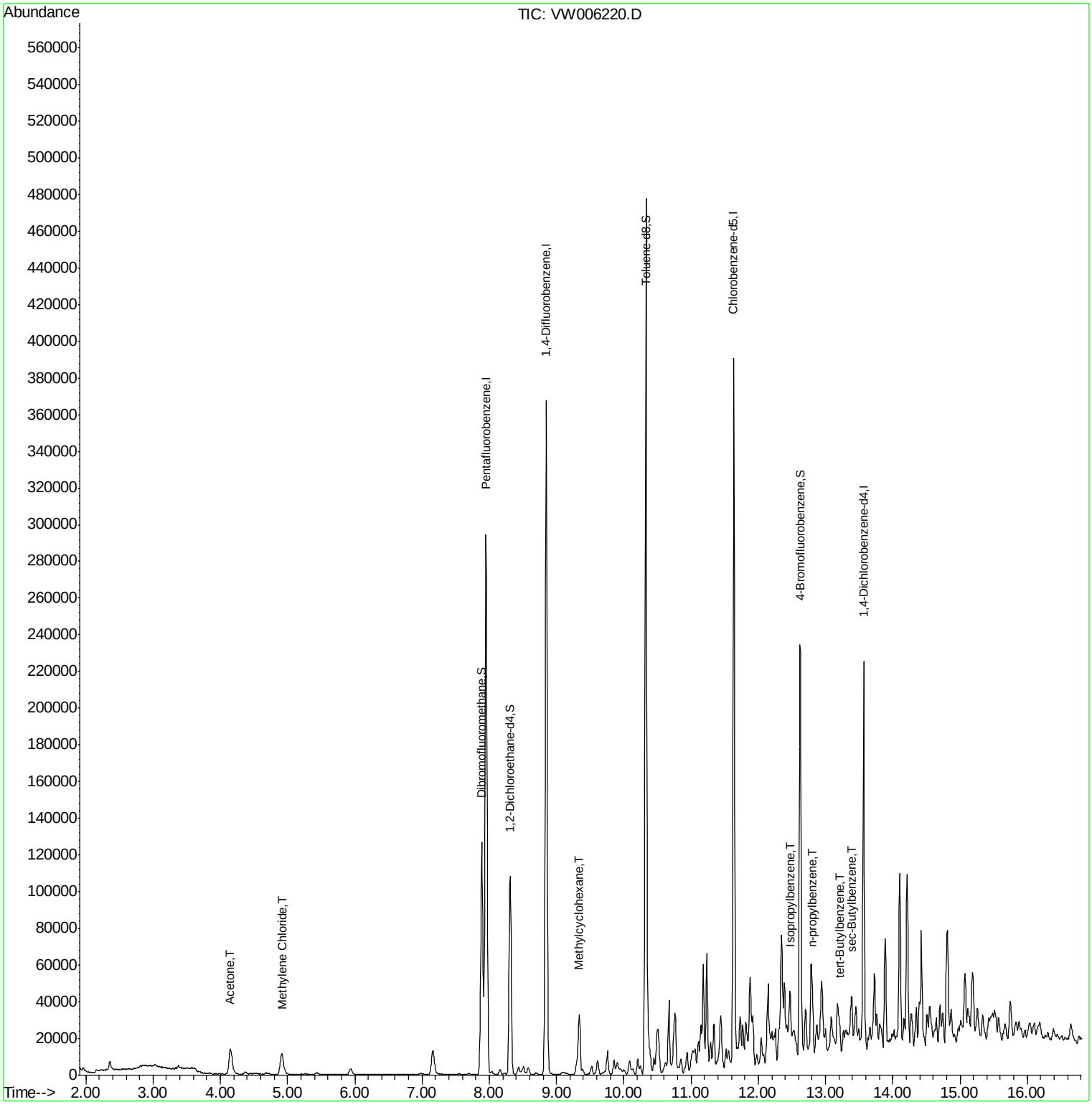
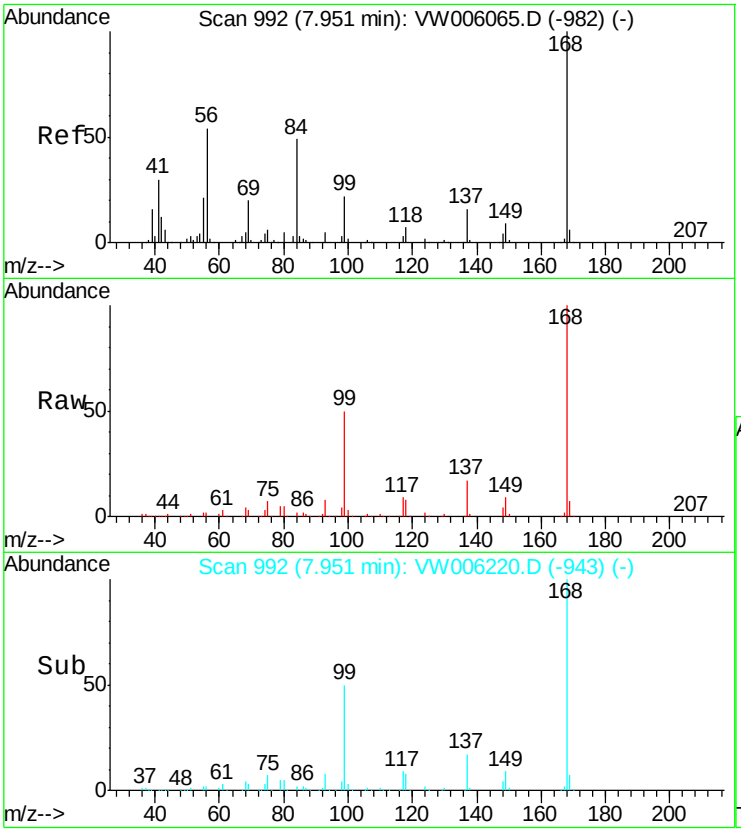


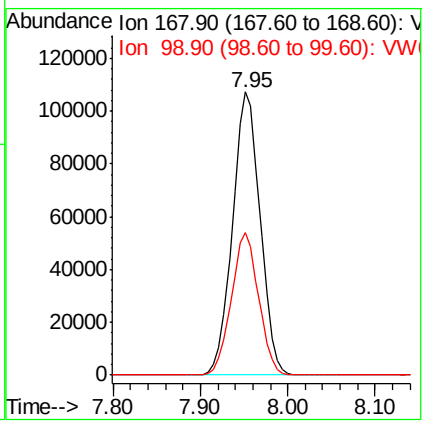


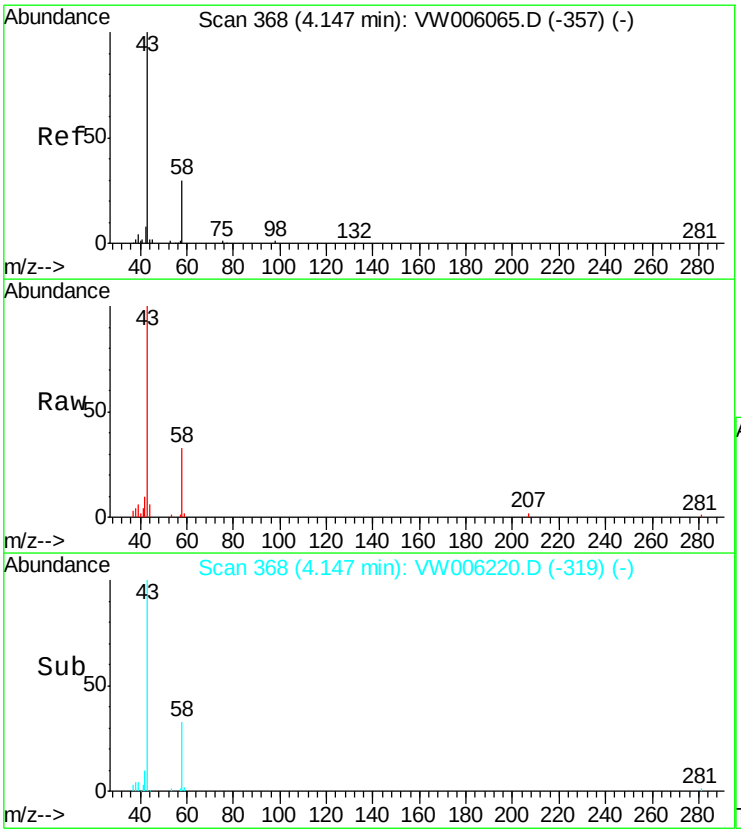
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.00 min
Lab File: VW006220.D
Acq: 19 Oct 2018 12:31

Instrument :
MSVOA_W
ClientSampleId :
JC-02-101818-ARE

Tgt Ion:168 Resp: 234914

Ion	Ratio	Lower	Upper
168	100		
99	50.5	39.9	59.9

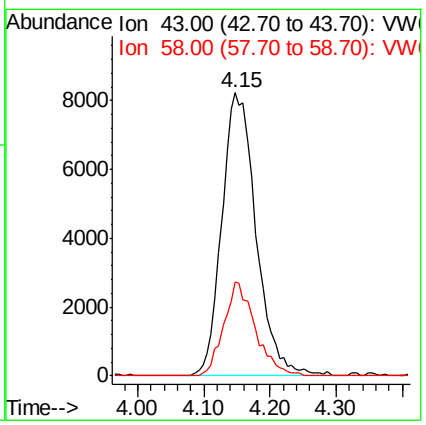


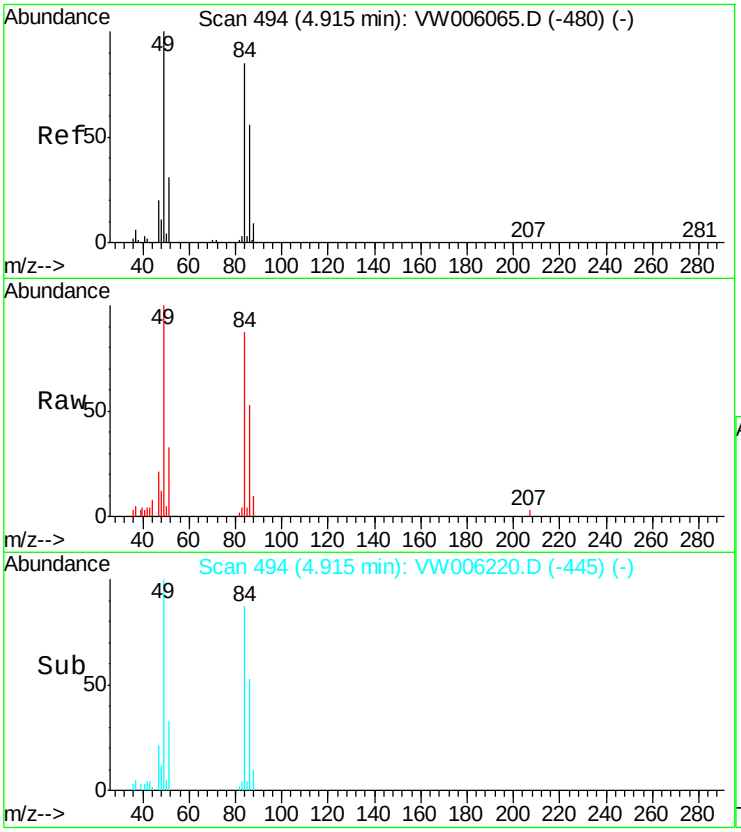


#16
Acetone
Concen: 70.06 ug/l
RT: 4.15 min Scan# 368
Delta R.T. 0.00 min
Lab File: VW006220.D
Acq: 19 Oct 2018 12:31

Tgt Ion: 43 Resp: 29492

Ion	Ratio	Lower	Upper
43	100		
58	33.0	24.0	36.0



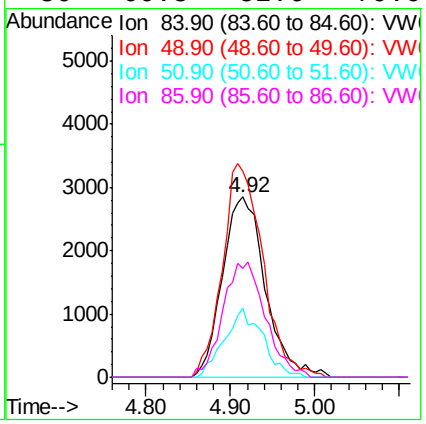


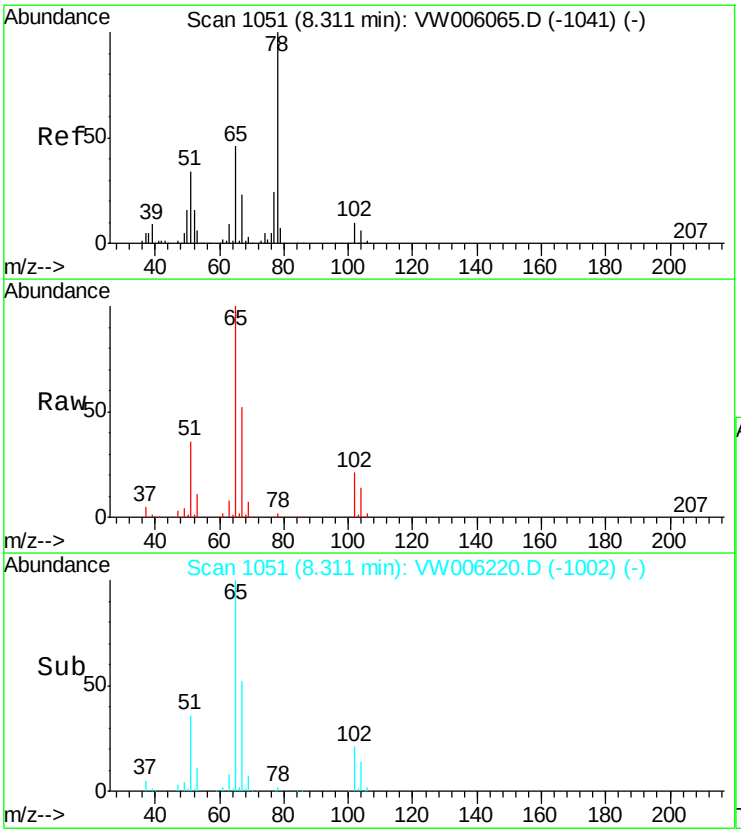
#20
Methylene Chloride
Concen: 3.27 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW006220.D
Acq: 19 Oct 2018 12:31

Instrument : MSVOA_W
ClientSampleId : JC-02-101818-ARE

Tgt Ion: 84 Resp: 9871

Ion	Ratio	Lower	Upper
84	100		
49	114.7	93.6	140.4
51	38.1	29.0	43.4
86	60.3	52.6	79.0

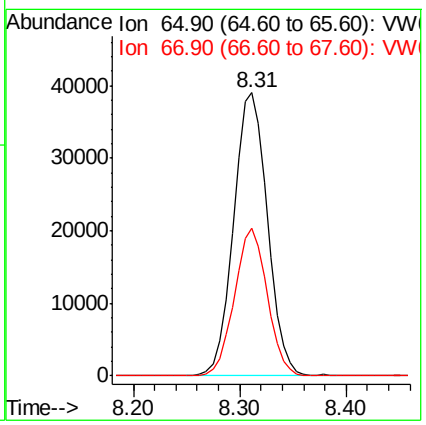


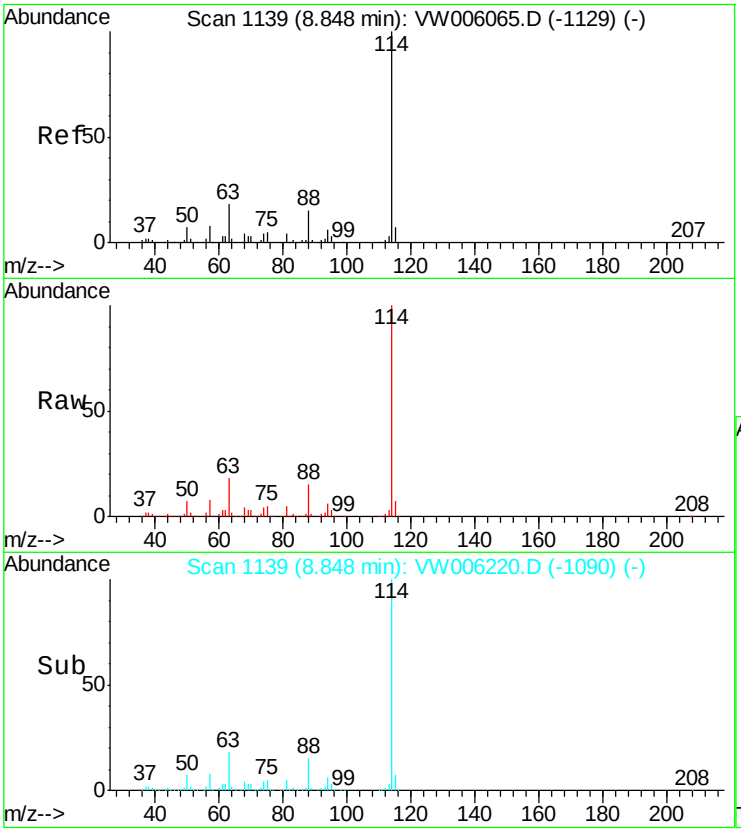


#33
1,2-Dichloroethane-d4
Concen: 44.66 ug/l
RT: 8.31 min Scan# 1051
Delta R.T. -0.00 min
Lab File: VW006220.D
Acq: 19 Oct 2018 12:31

Tgt Ion: 65 Resp: 86982

Ion	Ratio	Lower	Upper
65	100		
67	50.6	0.0	101.0



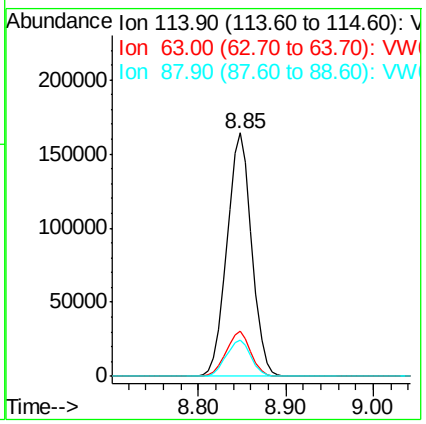


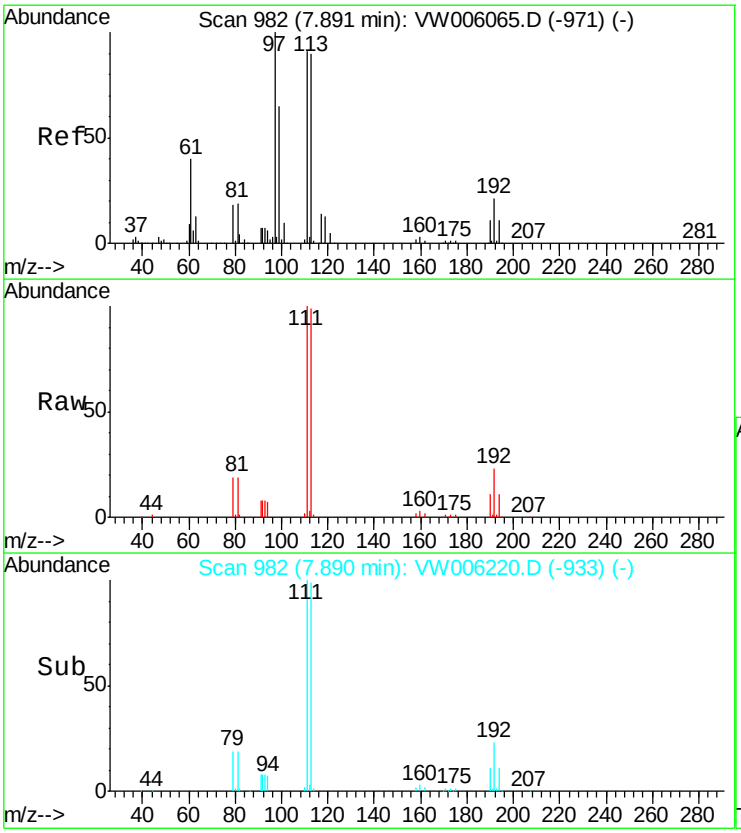
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.85 min Scan# 1139
Delta R.T. -0.00 min
Lab File: VW006220.D
Acq: 19 Oct 2018 12:31

Instrument : MSVOA_W
ClientSampleId : JC-02-101818-ARE

Tgt Ion:114 Resp: 321464

Ion	Ratio	Lower	Upper
114	100		
63	18.3	0.0	36.8
88	15.0	0.0	29.0

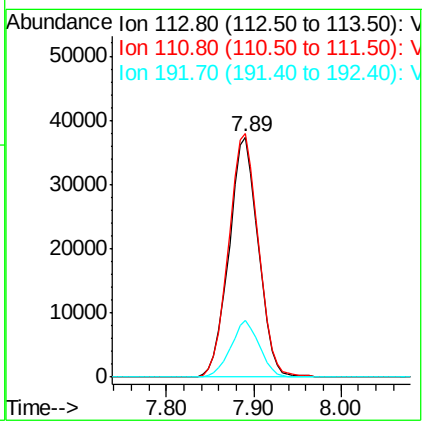


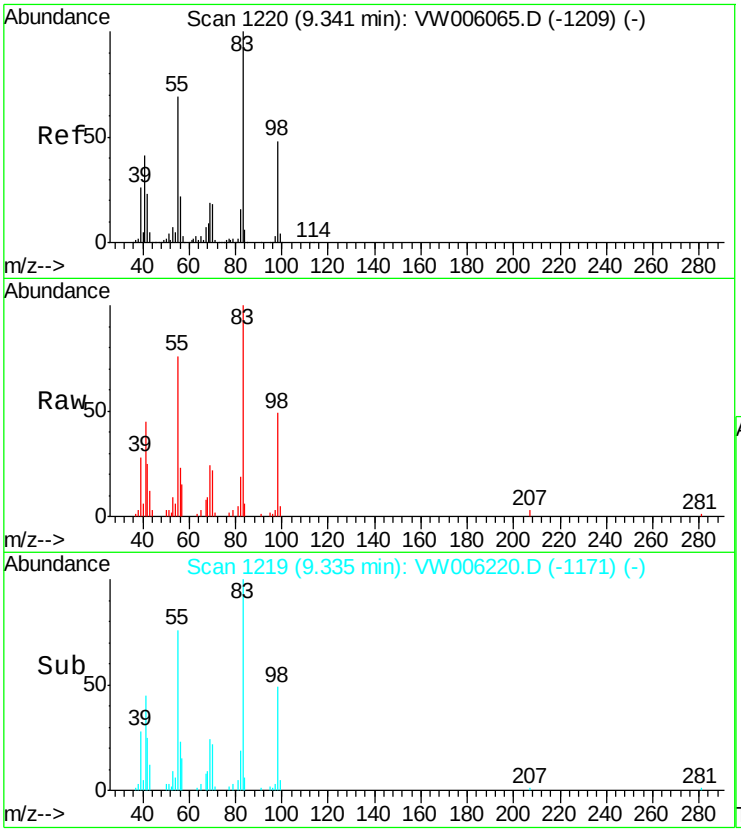


#35
Dibromofluoromethane
Concen: 45.76 ug/l
RT: 7.89 min Scan# 982
Delta R.T. -0.00 min
Lab File: VW006220.D
Acq: 19 Oct 2018 12:31

Tgt Ion:113 Resp: 86915

Ion	Ratio	Lower	Upper
113	100		
111	103.3	81.4	122.0
192	23.0	18.7	28.1



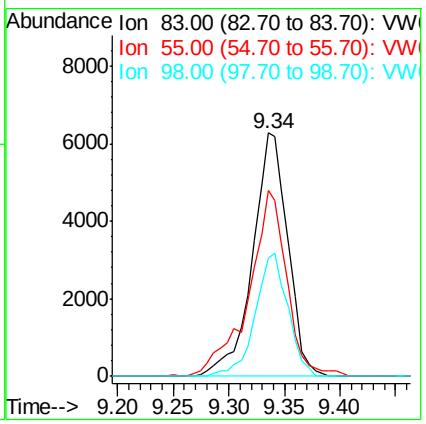


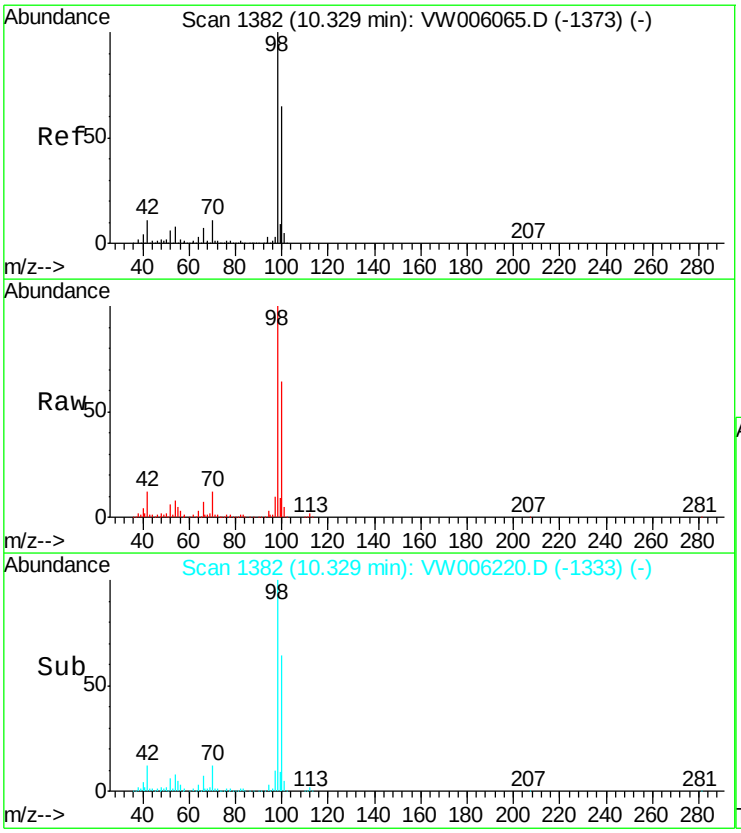
#39
Methylcyclohexane
Concen: 3.52 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.01 min
Lab File: VW006220.D
Acq: 19 Oct 2018 12:31

Instrument : MSVOA_W
ClientSampleId : JC-02-101818-ARE

Tgt Ion: 83 Resp: 13861

Ion	Ratio	Lower	Upper
83	100		
55	76.4	55.0	82.6
98	48.5	38.6	57.8

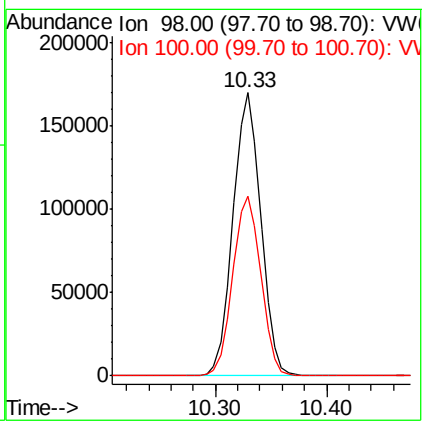


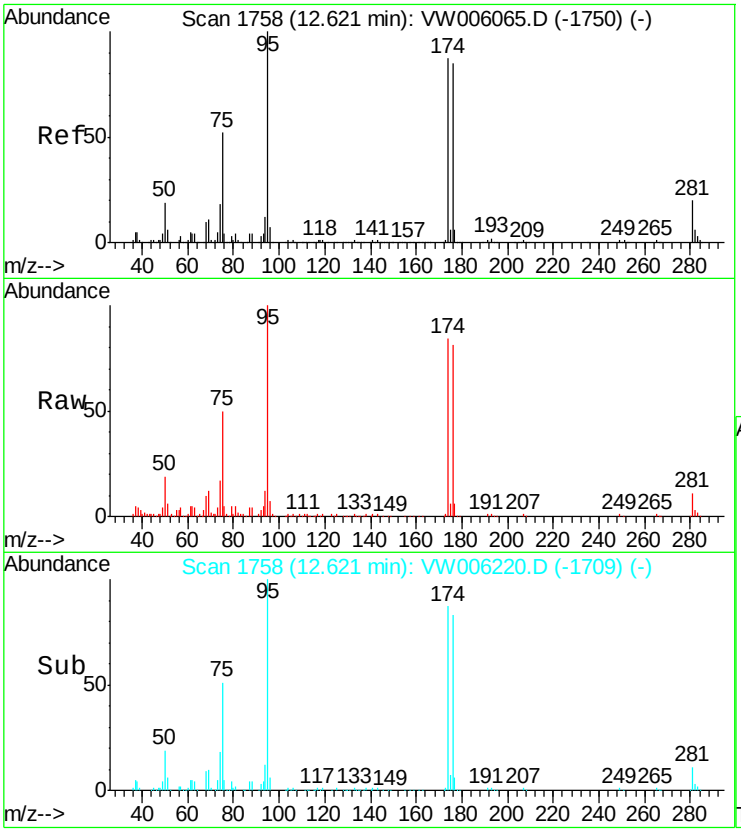


#50
Toluene-d8
Concen: 40.75 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW006220.D
Acq: 19 Oct 2018 12:31

Tgt Ion: 98 Resp: 294474

Ion	Ratio	Lower	Upper
98	100		
100	63.8	51.6	77.4



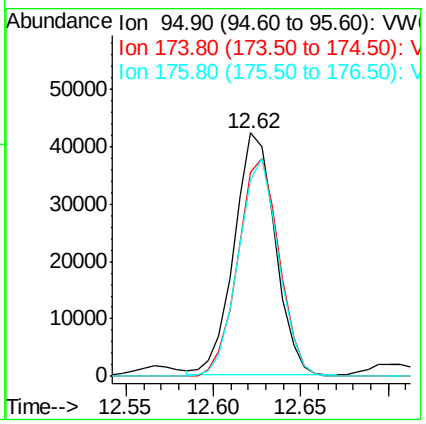


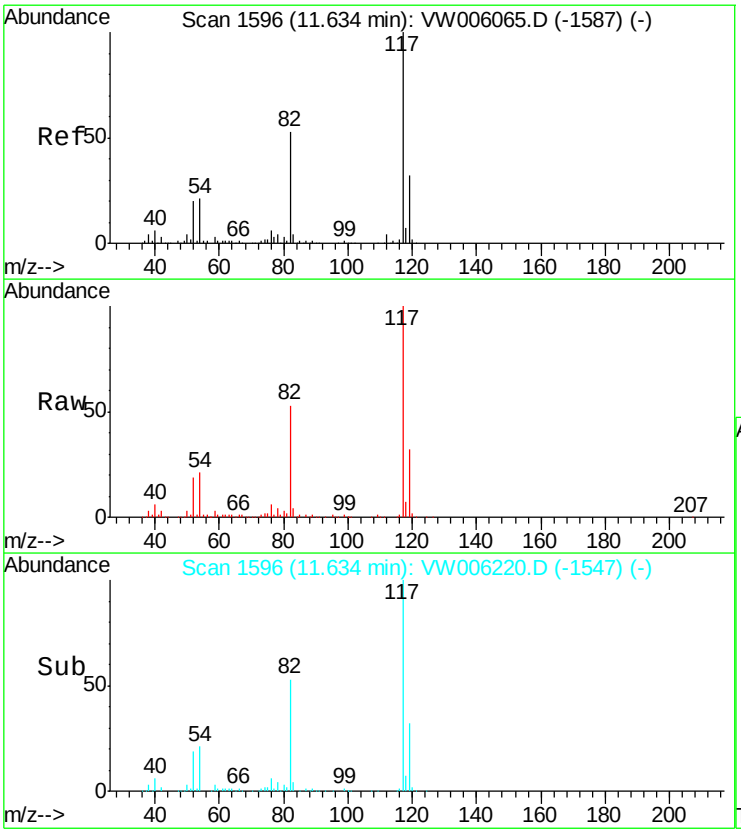
#62
4-Bromofluorobenzene
Concen: 25.26 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW006220.D
Acq: 19 Oct 2018 12:31

Instrument :
MSVOA_W
ClientSampleId :
JC-02-101818-ARE

Tgt Ion: 95 Resp: 68557

Ion	Ratio	Lower	Upper
95	100		
174	90.9	0.0	186.0
176	88.5	0.0	181.6

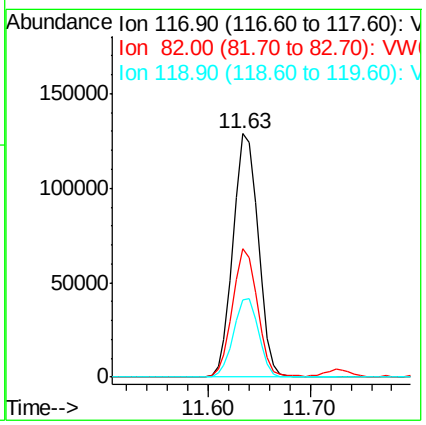


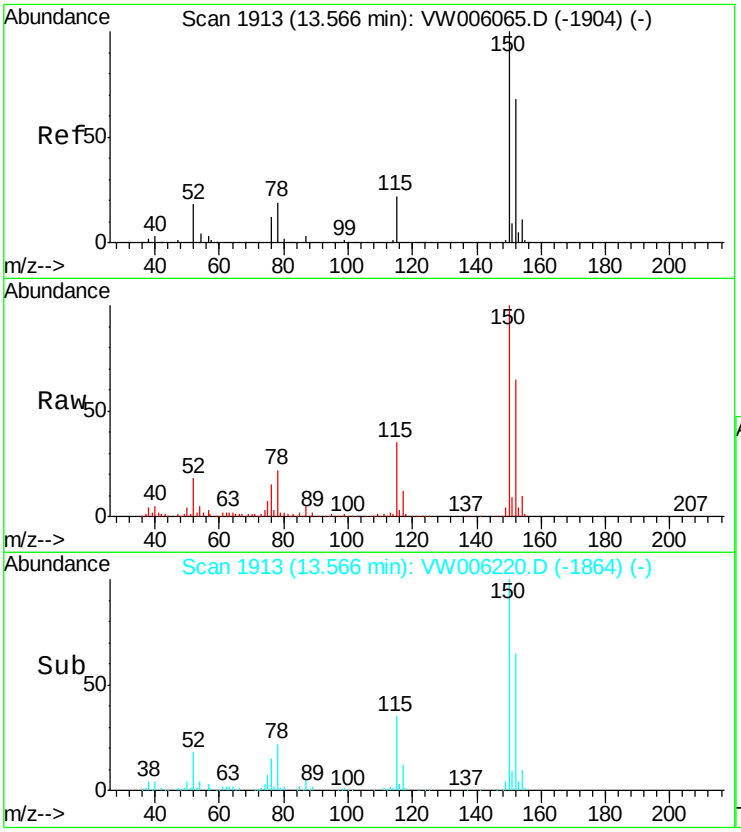


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW006220.D
Acq: 19 Oct 2018 12:31

Tgt Ion:117 Resp: 218768

Ion	Ratio	Lower	Upper
117	100		
82	52.5	42.1	63.1
119	31.6	25.8	38.6



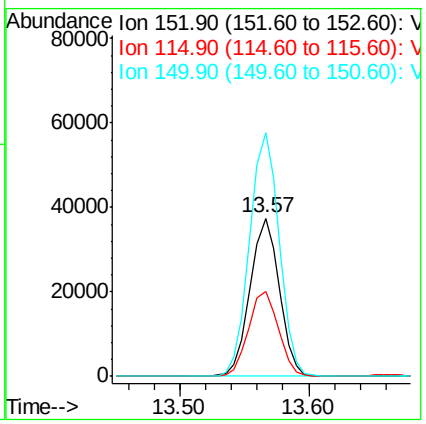


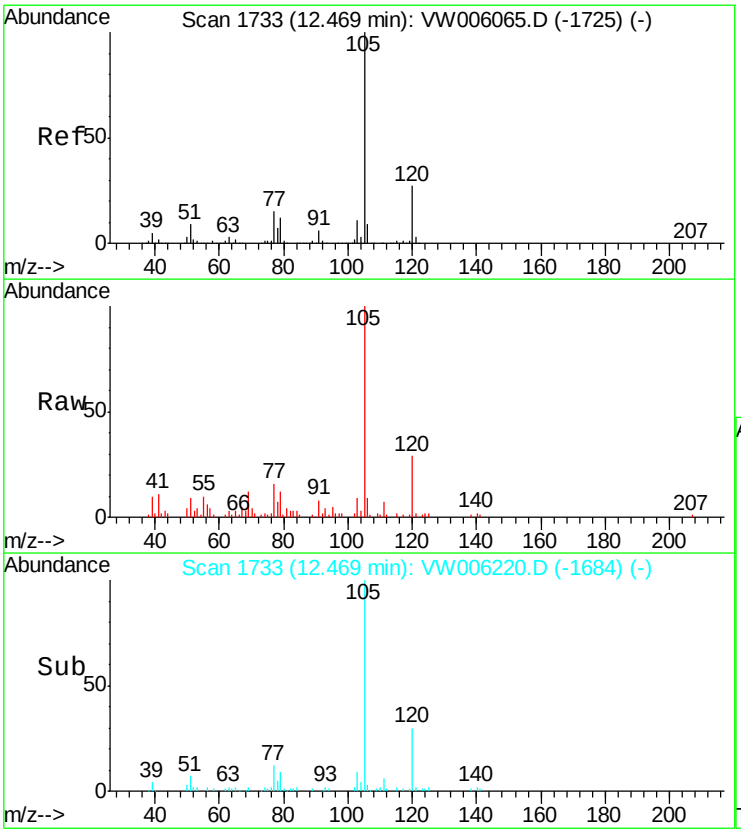
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW006220.D
Acq: 19 Oct 2018 12:31

Instrument : MSVOA_W
ClientSampleId : JC-02-101818-ARE

Tgt Ion:152 Resp: 58843

Ion	Ratio	Lower	Upper
152	100		
115	54.6	27.8	83.3
150	154.8	0.0	349.2

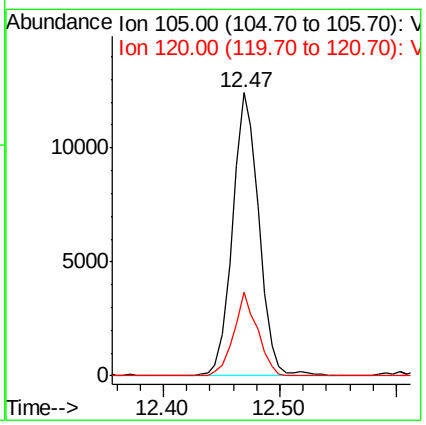


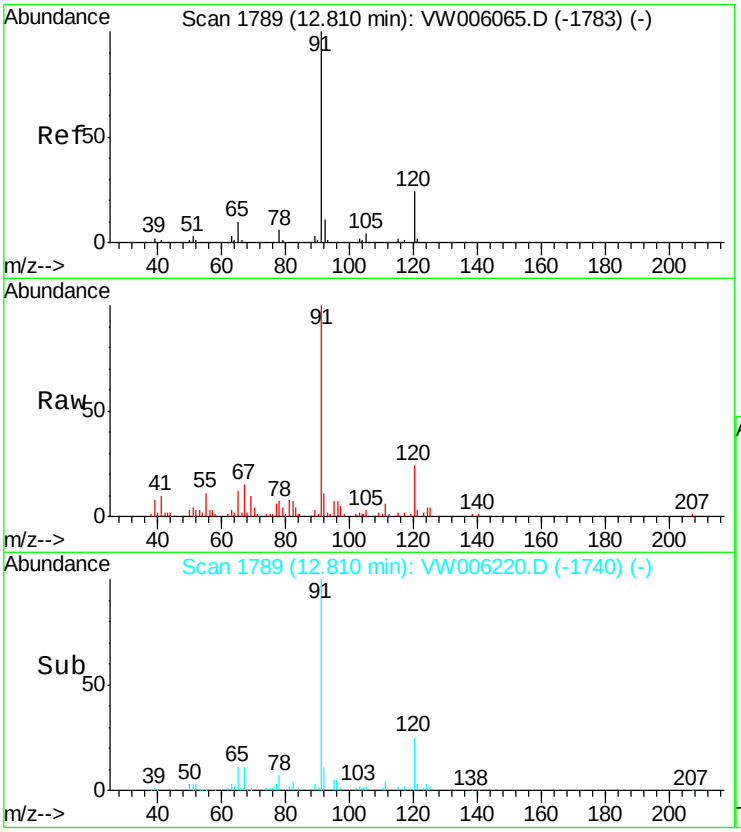


#73
Isopropylbenzene
Concen: 4.71 ug/l
RT: 12.47 min Scan# 1733
Delta R.T. -0.00 min
Lab File: VW006220.D
Acq: 19 Oct 2018 12:31

Tgt Ion:105 Resp: 19595

Ion	Ratio	Lower	Upper
105	100		
120	26.5	13.6	40.7



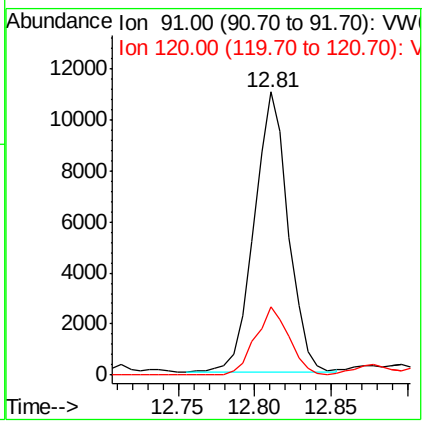


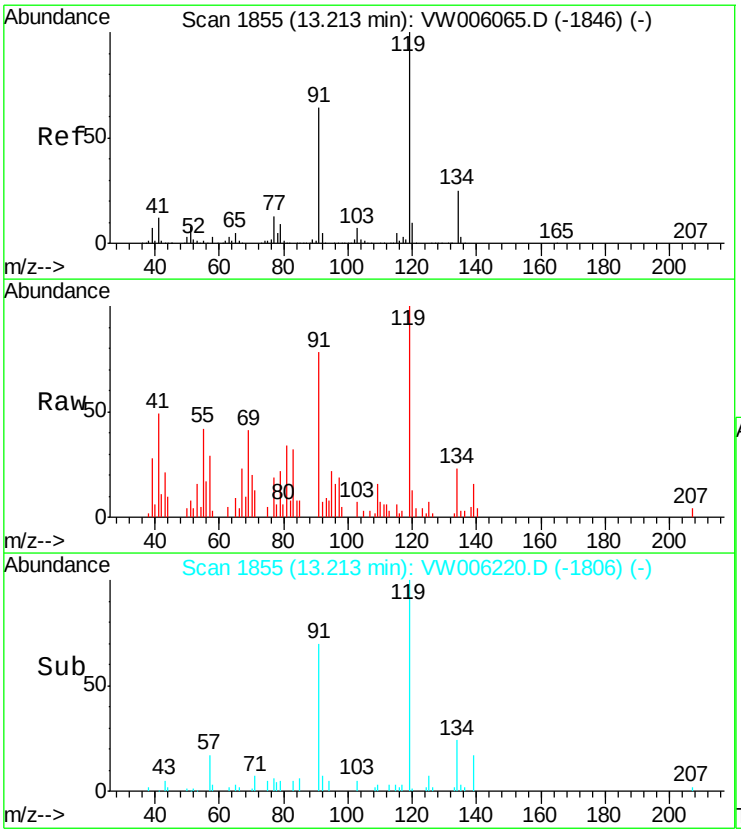
#78
n-propylbenzene
Concen: 3.52 ug/l
RT: 12.81 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VW006220.D
Acq: 19 Oct 2018 12:31

Instrument :
MSVOA_W
ClientSampleId :
JC-02-101818-ARE

Tgt Ion: 91 Resp: 17002

Ion	Ratio	Lower	Upper
91	100		
120	24.0	12.2	36.6

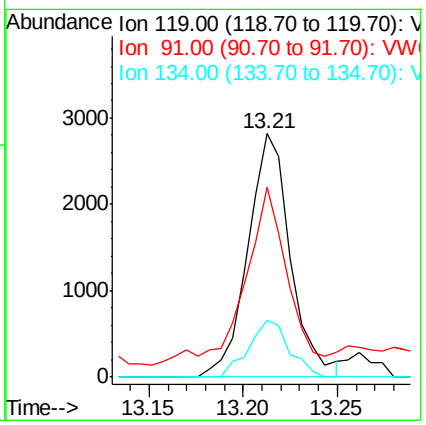


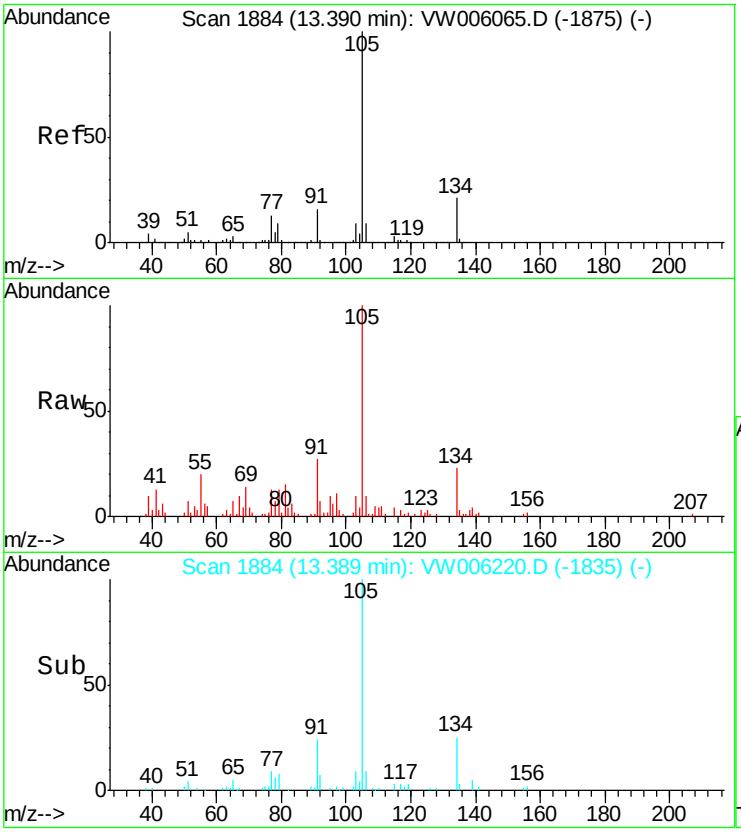


#83
tert-Butylbenzene
Concen: 1.41 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. -0.00 min
Lab File: VW006220.D
Acq: 19 Oct 2018 12:31

Tgt Ion:119 Resp: 4413

Ion	Ratio	Lower	Upper
119	100		
91	72.7	32.3	96.9
134	22.2	13.6	40.8





#85
sec-Butylbenzene
Concen: 3.17 ug/l
RT: 13.39 min Scan# 1884
Delta R.T. -0.00 min
Lab File: VW006220.D
Acq: 19 Oct 2018 12:31

Instrument :
MSVOA_W
ClientSampleId :
JC-02-101818-ARE

Tgt Ion:105 Resp: 14032

Ion	Ratio	Lower	Upper
105	100		
134	36.9	10.5	31.6#