Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW101918\
Data File : VW006237.D
Acq On : 19 Oct 2018 20:30
Operator : VA/AP
Sample : J5197-03RE
Misc : 5.47G/5ML/MSVOA_W/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : HD-02-101918RE

Quant Time: Oct 20 03:32:12 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	194435	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	291284	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	232887	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	95697	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	98034	60.82	ug/l	0.00
Spiked Amount 50.000			Recovery = 121.64%			
35) Dibromofluoromethane	7.89	113	91649	53.25	ug/l	0.00
Spiked Amount 50.000			Recovery = 106.50%			
50) Toluene-d8	10.33	98	307586	46.97	ug/l	0.00
Spiked Amount 50.000			Recovery = 93.94%			
62) 4-Bromofluorobenzene	12.63	95	97614	39.69	ug/l	0.00
Spiked Amount 50.000			Recovery = 79.38%			
Target Compounds						Qvalue
8) Diethyl Ether	3.68	74	2396	2.736	ug/l	97
20) Methylene Chloride	4.91	84	17734	9.065	ug/l	93
52) Toluene	10.39	92	6933	1.404	ug/l	100
68) m/p-Xylenes	11.84	106	4899	1.435	ug/l	95
69) o-Xylene	12.17	106	4837	1.486	ug/l	99
78) n-propylbenzene	12.81	91	16636	2.115	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	32651	5.729	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	144611	25.074	ug/l	100
85) sec-Butylbenzene	13.39	105	14034	1.948	ug/l	86
86) p-Isopropyltoluene	13.51	119	11225	1.723	ug/l	98
89) n-Butylbenzene	13.83	91	30714	5.154	ug/l #	78
95) Naphthalene	15.38	128	41338	10.986	ug/l	96

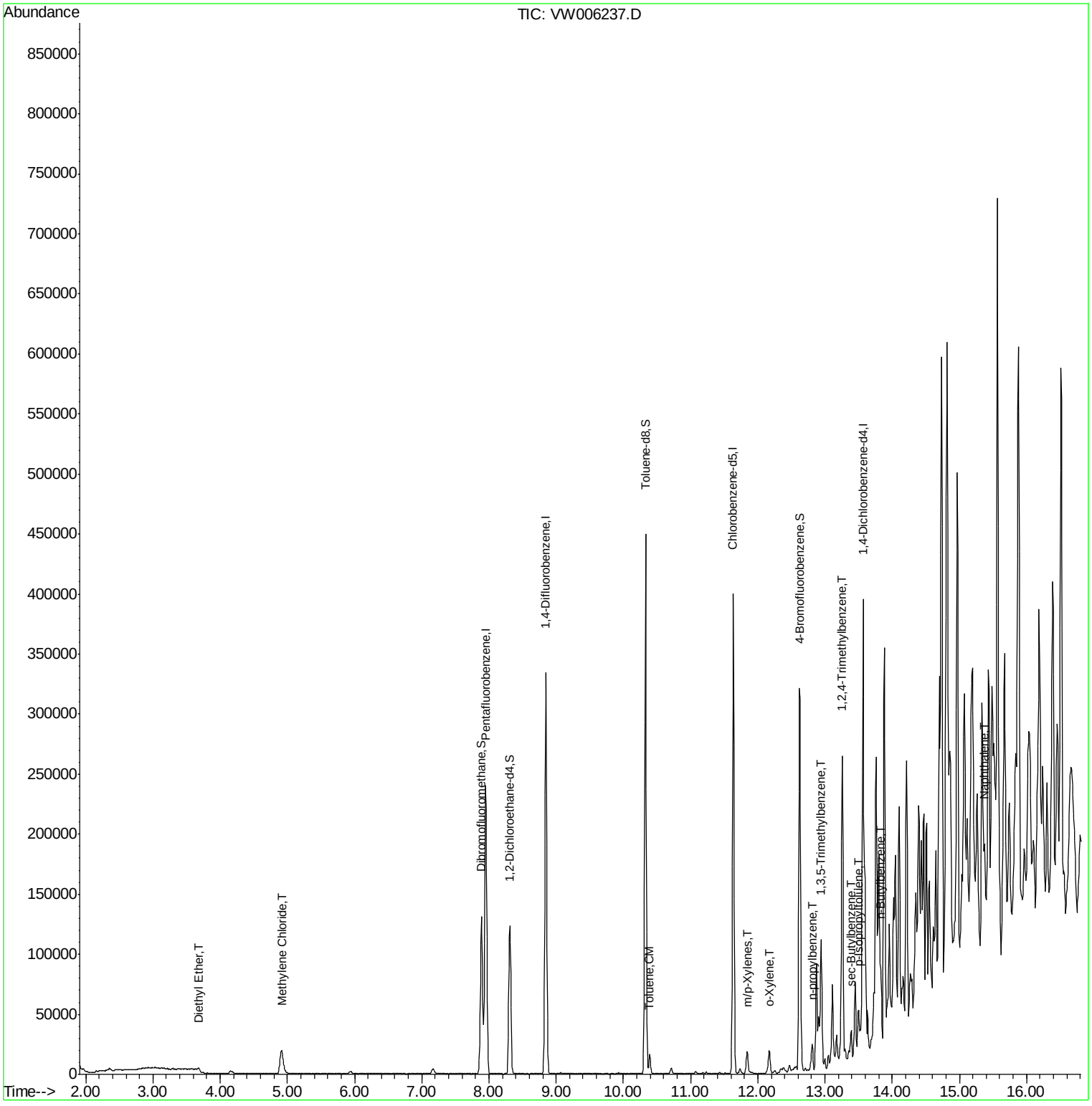
(#) = qualifier out of range (m) = manual integration (+) = signals summed

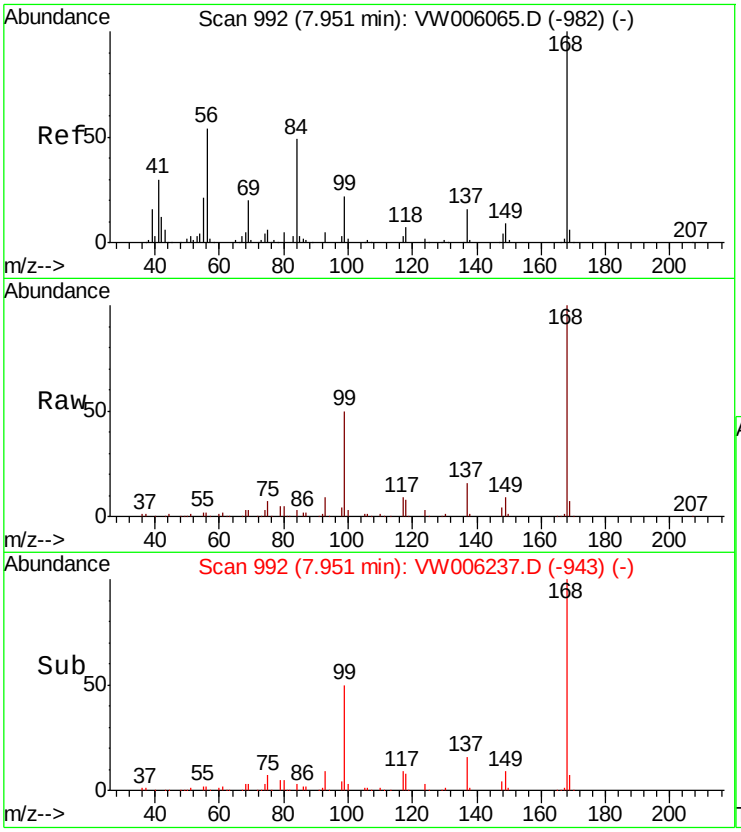
Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW101918\
Data File : VW006237.D
Acq On : 19 Oct 2018 20:30
Operator : VA/AP
Sample : J5197-03RE
Misc : 5.47G/5ML/MSVOA W/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : HD-02-101918RE

Quant Time: Oct 20 03:32:12 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



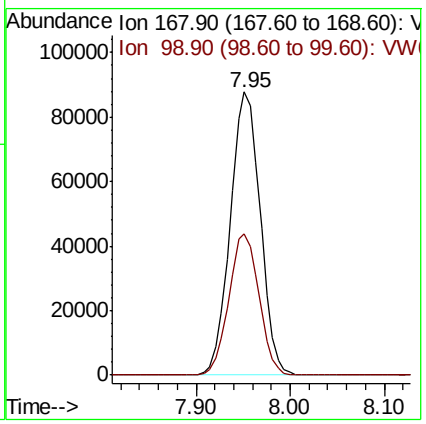


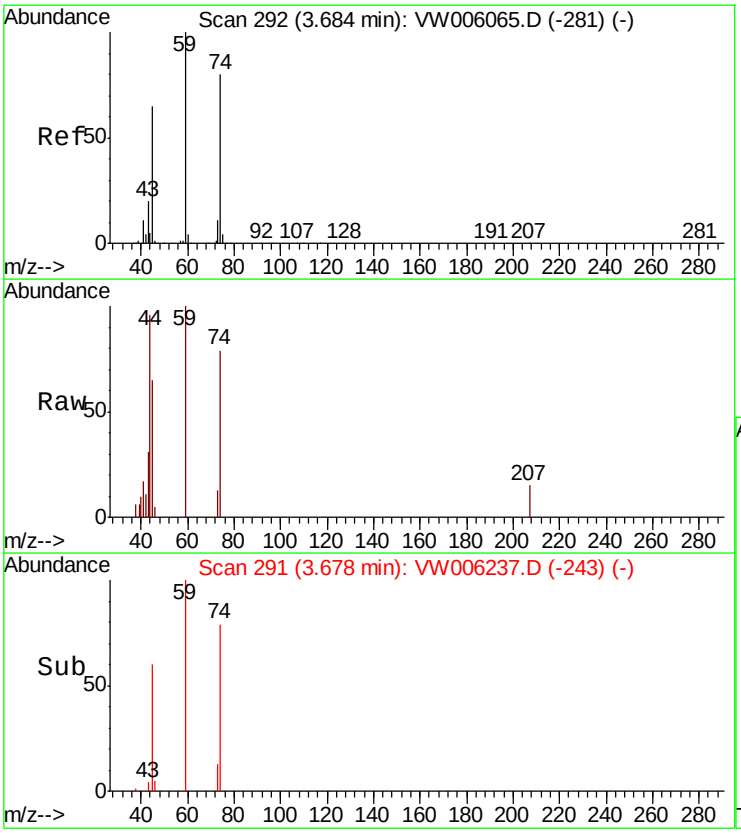
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.00 min
Lab File: VW006237.D
Acq: 19 Oct 2018 20:30

Instrument :
MSVOA_W
ClientSampleId :
HD-02-101918RE

Tgt Ion:168 Resp: 194435

Ion	Ratio	Lower	Upper
168	100		
99	50.0	39.9	59.9

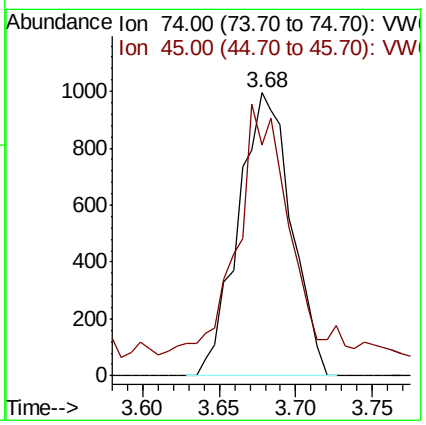


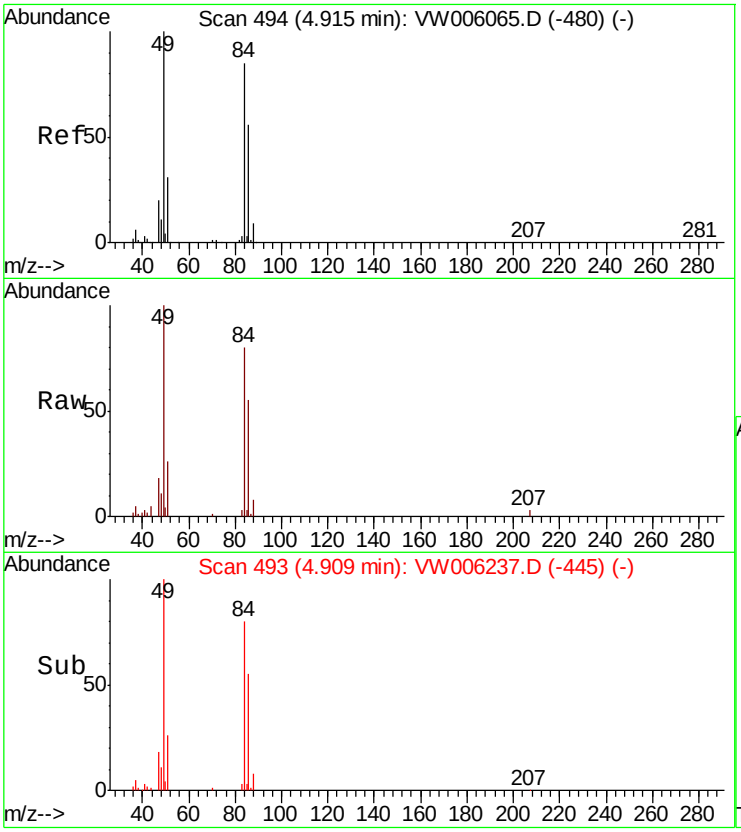


#8
Diethyl Ether
Concen: 2.736 ug/l
RT: 3.68 min Scan# 291
Delta R.T. -0.01 min
Lab File: VW006237.D
Acq: 19 Oct 2018 20:30

Tgt Ion: 74 Resp: 2396

Ion	Ratio	Lower	Upper
74	100		
45	82.9	42.8	128.3



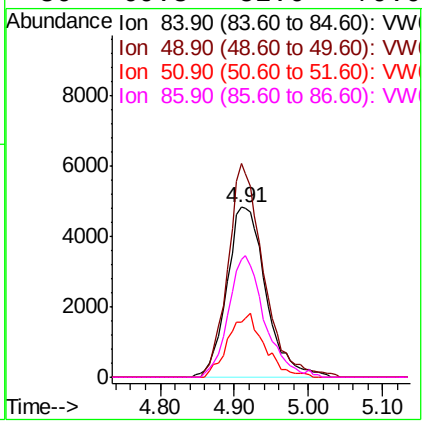


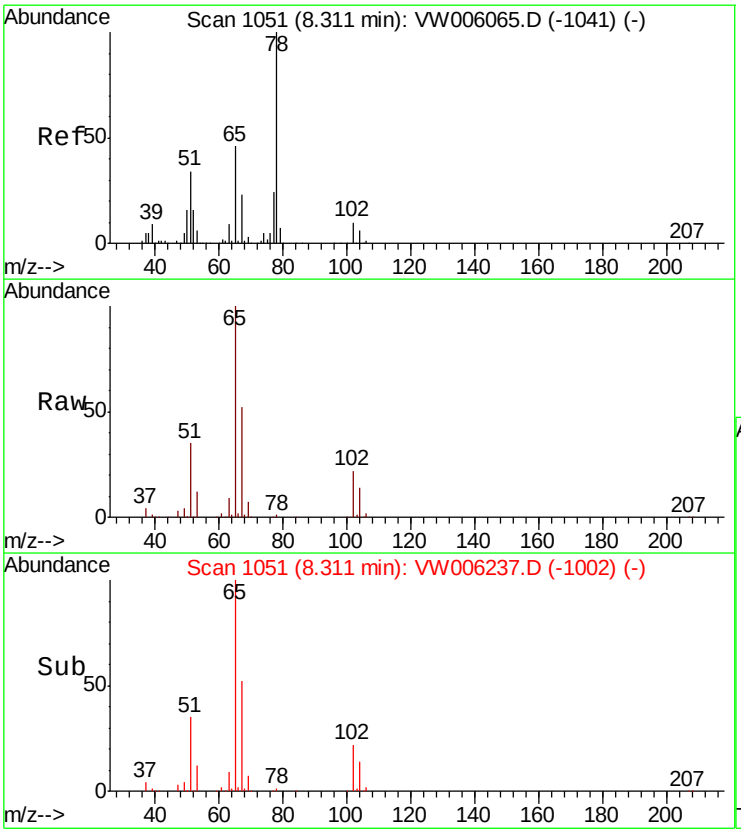
#20
Methylene Chloride
Concen: 9.065 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW006237.D
Acq: 19 Oct 2018 20:30

Instrument : MSVOA_W
ClientSampleId : HD-02-101918RE

Tgt Ion: 84 Resp: 17734

Ion	Ratio	Lower	Upper
84	100		
49	125.8	93.6	140.4
51	32.1	29.0	43.4
86	69.3	52.6	79.0

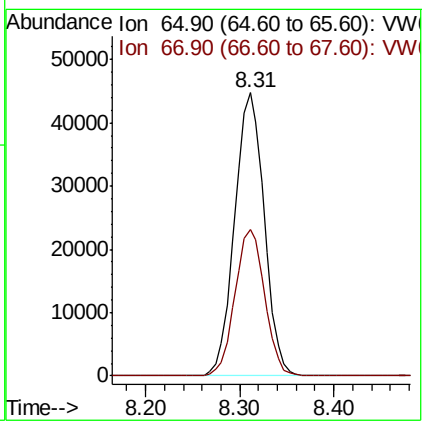


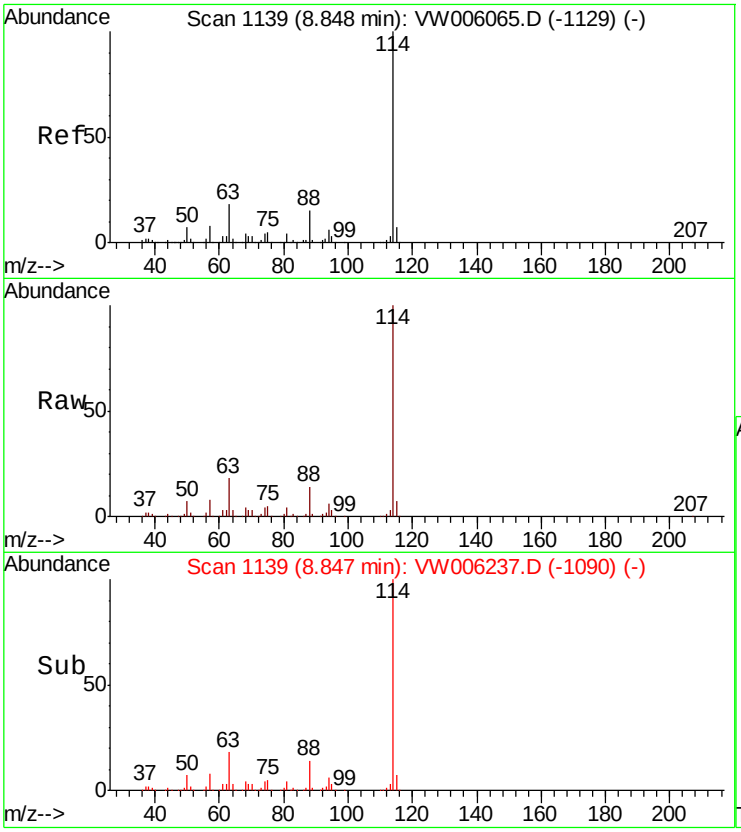


#33
1,2-Dichloroethane-d4
Concen: 60.816 ug/l
RT: 8.31 min Scan# 1051
Delta R.T. -0.00 min
Lab File: VW006237.D
Acq: 19 Oct 2018 20:30

Tgt Ion: 65 Resp: 98034

Ion	Ratio	Lower	Upper
65	100		
67	51.8	0.0	101.0



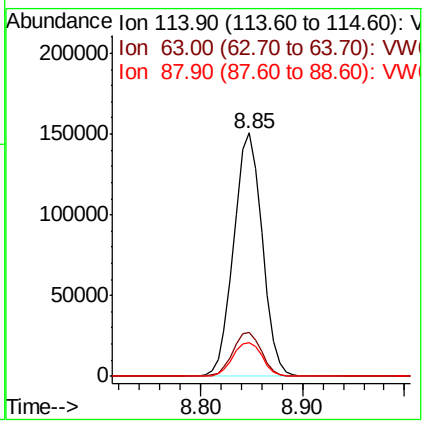


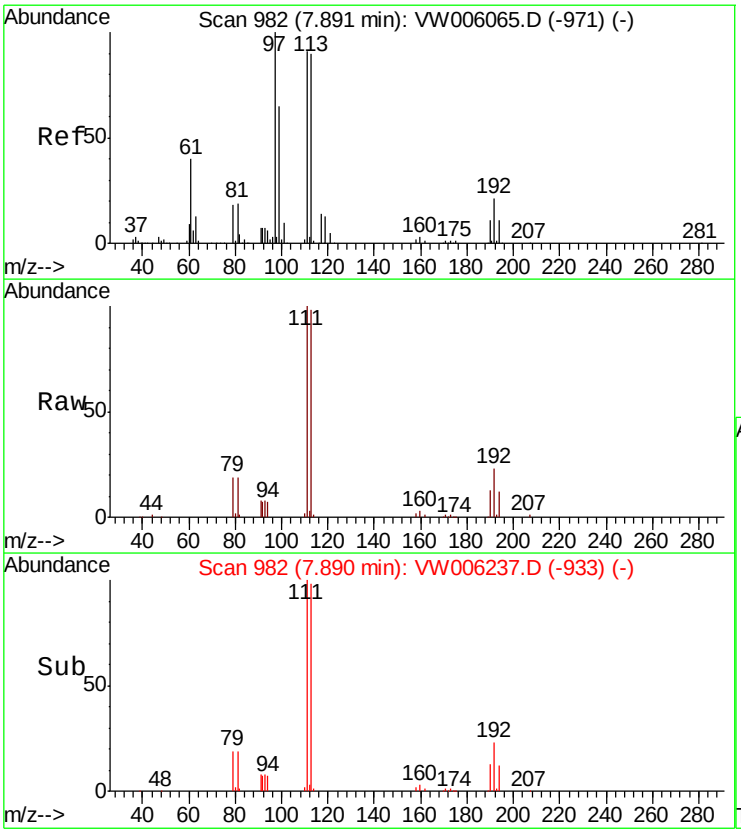
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.85 min Scan# 1139
Delta R.T. -0.00 min
Lab File: VW006237.D
Acq: 19 Oct 2018 20:30

Instrument : MSVOA_W
ClientSampleId : HD-02-101918RE

Tgt Ion:114 Resp: 291284

Ion	Ratio	Lower	Upper
114	100		
63	18.3	0.0	36.8
88	13.9	0.0	29.0

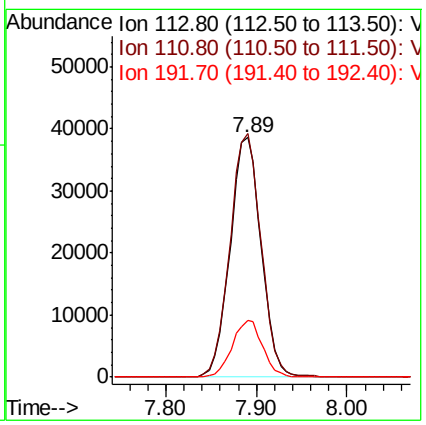


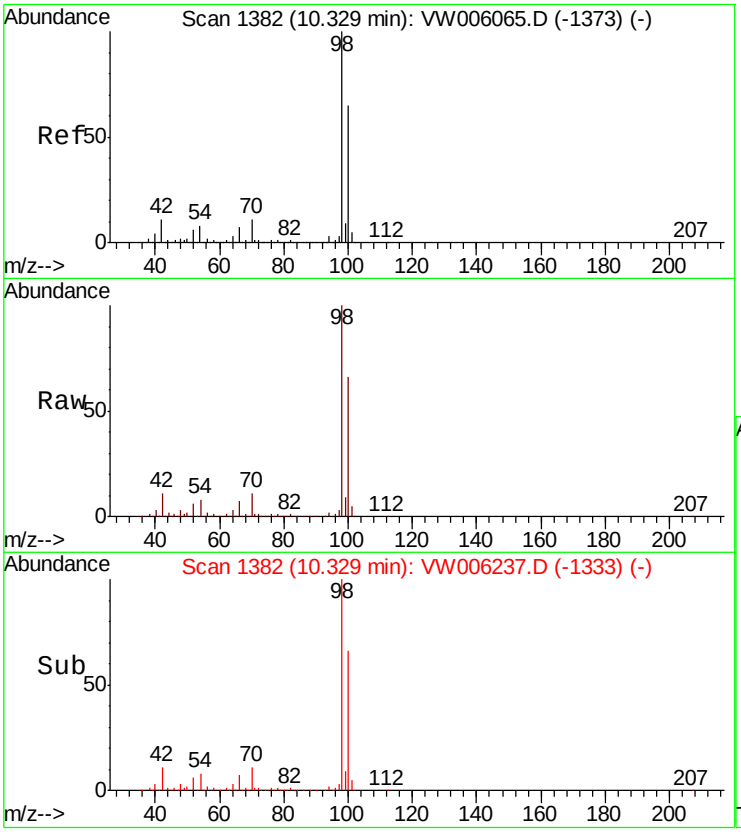


#35
Dibromofluoromethane
Concen: 53.248 ug/l
RT: 7.89 min Scan# 982
Delta R.T. -0.00 min
Lab File: VW006237.D
Acq: 19 Oct 2018 20:30

Tgt Ion:113 Resp: 91649

Ion	Ratio	Lower	Upper
113	100		
111	101.7	81.4	122.0
192	23.1	18.7	28.1



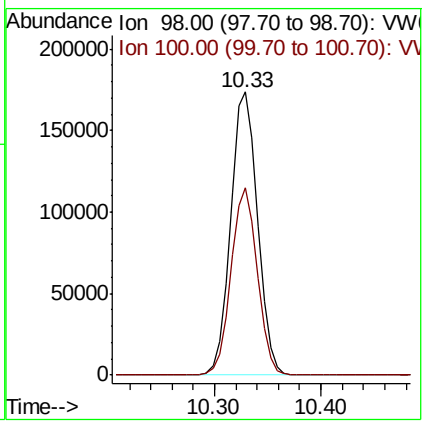


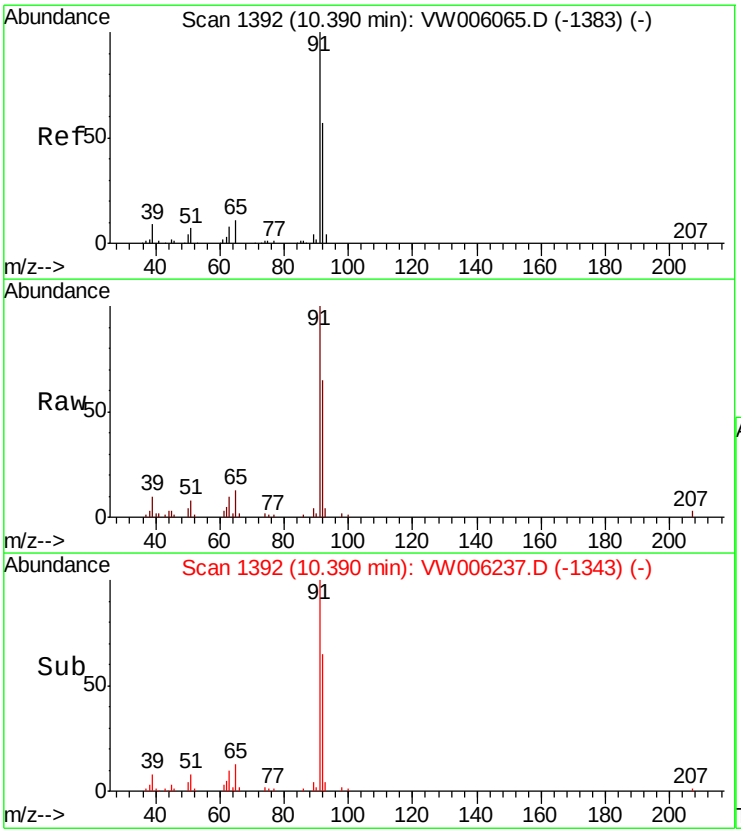
#50
Toluene-d8
Concen: 46.972 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW006237.D
Acq: 19 Oct 2018 20:30

Instrument : MSVOA_W
ClientSampleId : HD-02-101918RE

Tgt Ion: 98 Resp: 307586

Ion	Ratio	Lower	Upper
98	100		
100	64.6	51.6	77.4

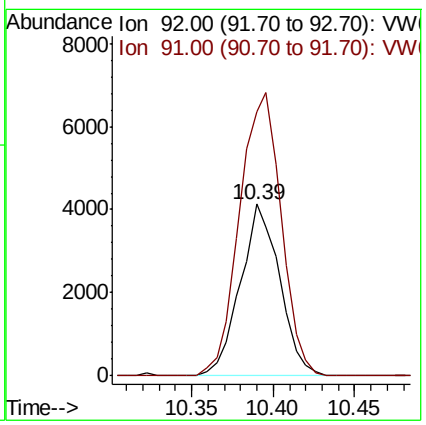


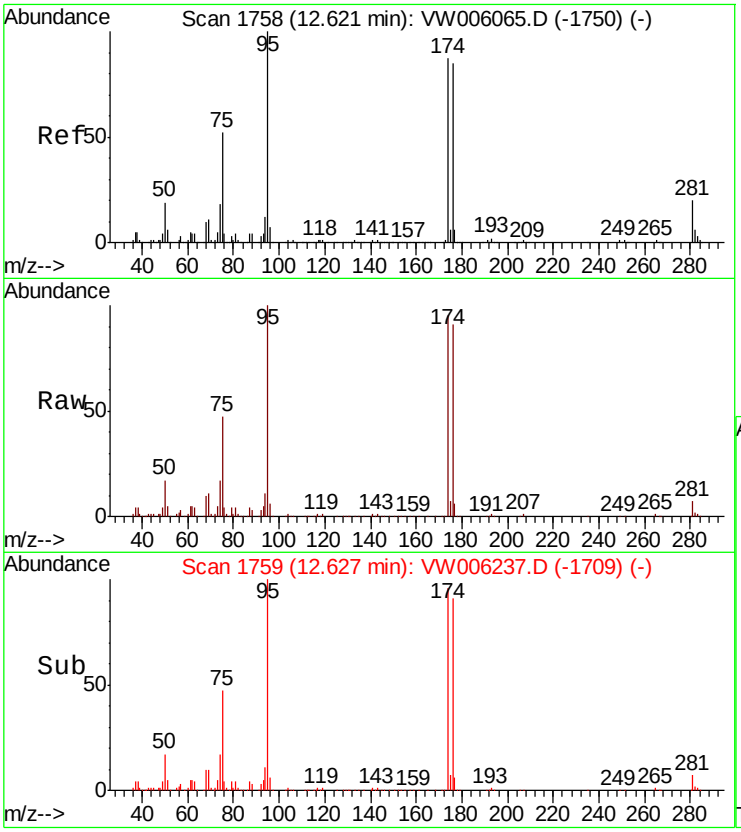


#52
Toluene
Concen: 1.404 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. -0.00 min
Lab File: VW006237.D
Acq: 19 Oct 2018 20:30

Tgt Ion: 92 Resp: 6933

Ion	Ratio	Lower	Upper
92	100		
91	174.6	140.0	210.0



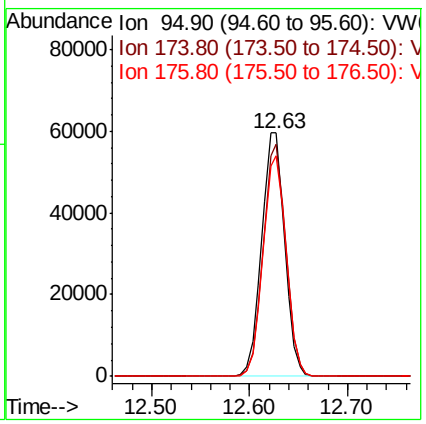


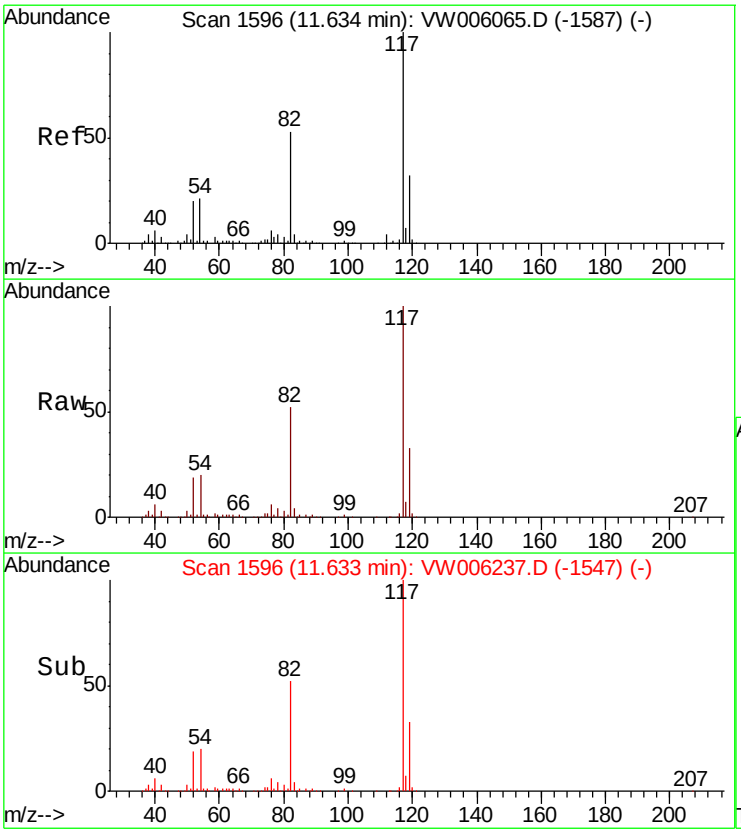
#62
4-Bromofluorobenzene
Concen: 39.689 ug/l
RT: 12.63 min Scan# 1759
Delta R.T. 0.01 min
Lab File: VW006237.D
Acq: 19 Oct 2018 20:30

Instrument :
MSVOA_W
ClientSampleId :
HD-02-101918RE

Tgt Ion: 95 Resp: 97614

Ion	Ratio	Lower	Upper
95	100		
174	93.7	0.0	186.0
176	90.6	0.0	181.6

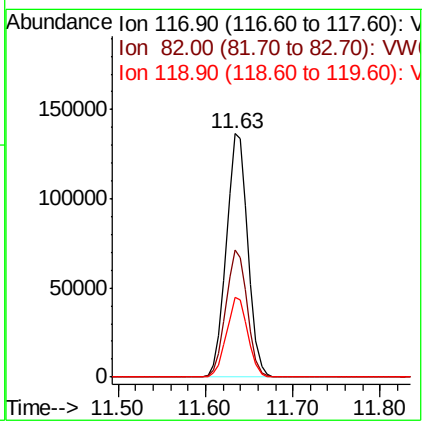


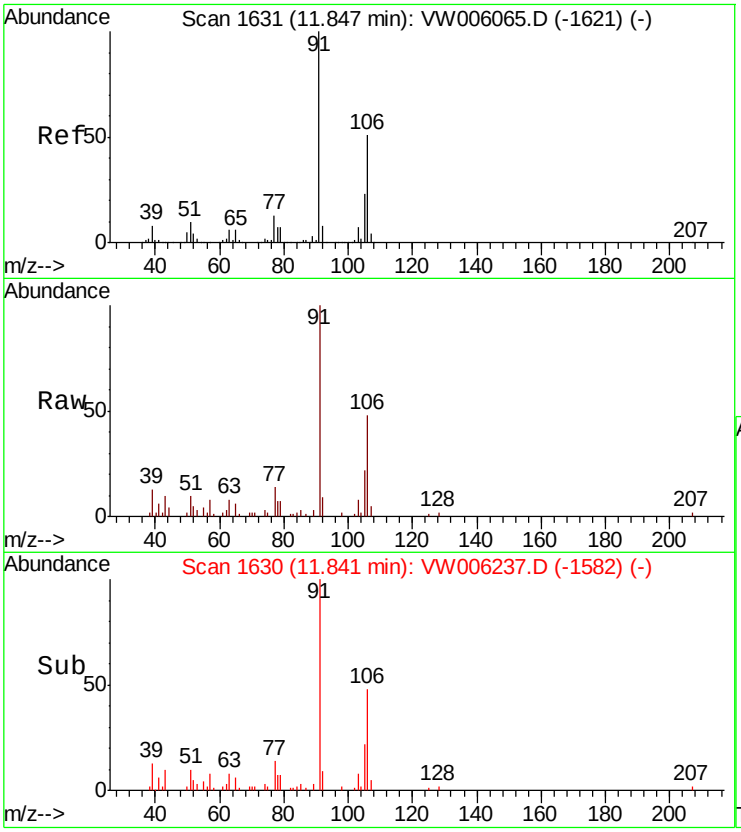


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW006237.D
Acq: 19 Oct 2018 20:30

Tgt Ion:117 Resp: 232887

Ion	Ratio	Lower	Upper
117	100		
82	52.2	42.1	63.1
119	32.7	25.8	38.6



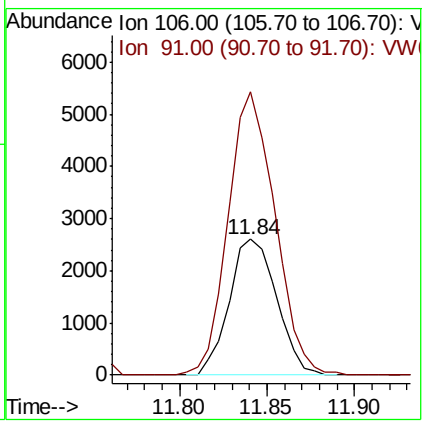


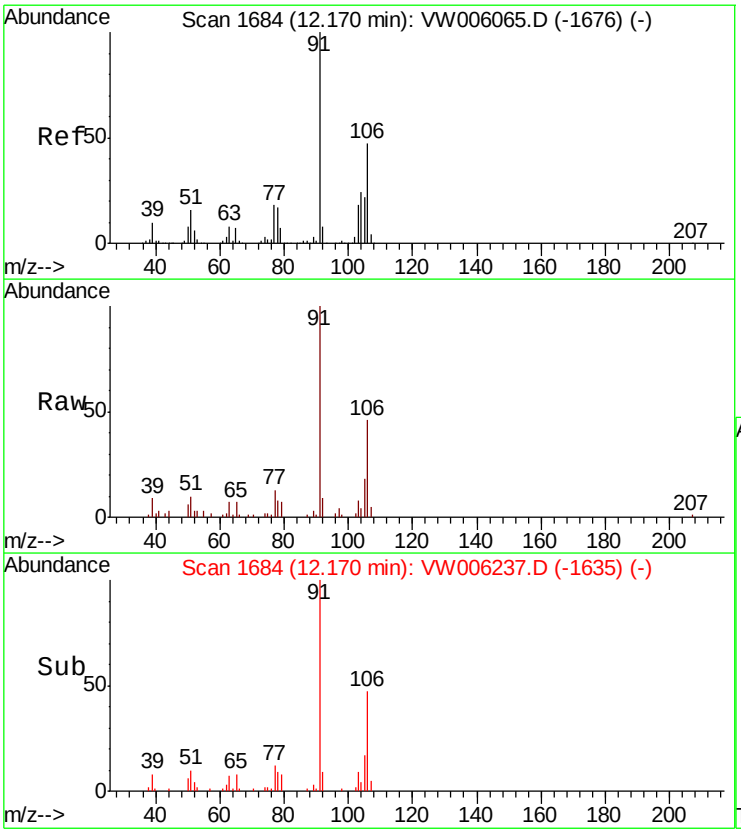
#68
m/p-Xylenes
Concen: 1.435 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.01 min
Lab File: VW006237.D
Acq: 19 Oct 2018 20:30

Instrument :
MSVOA_W
ClientSampleId :
HD-02-101918RE

Tgt Ion:106 Resp: 4899

Ion	Ratio	Lower	Upper
106	100		
91	206.9	159.1	238.7

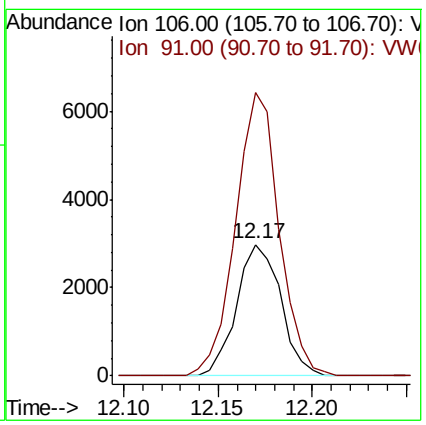


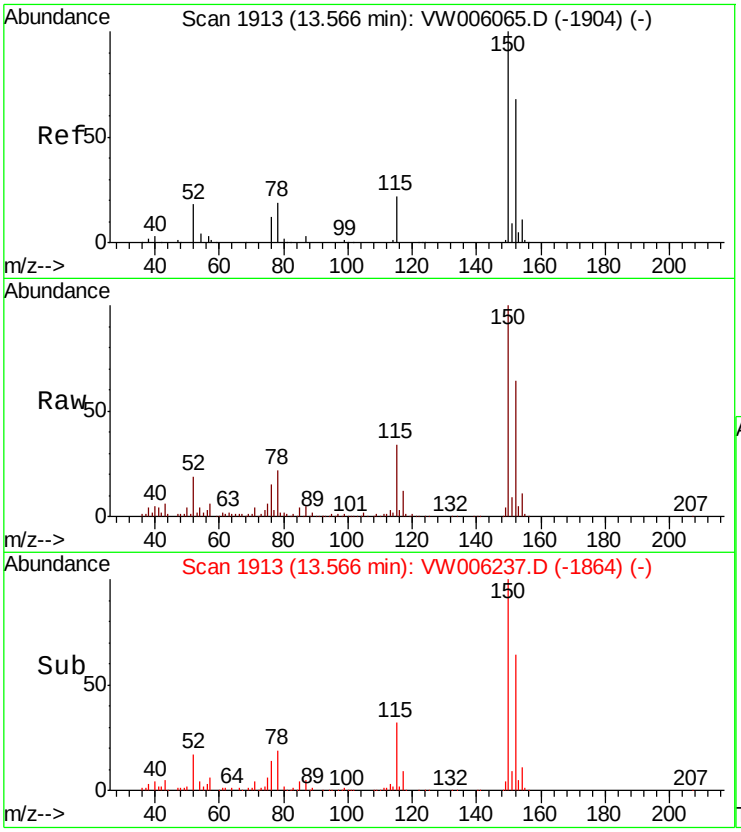


#69
o-Xylene
Concen: 1.486 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW006237.D
Acq: 19 Oct 2018 20:30

Tgt Ion:106 Resp: 4837

Ion	Ratio	Lower	Upper
106	100		
91	212.4	105.4	316.1



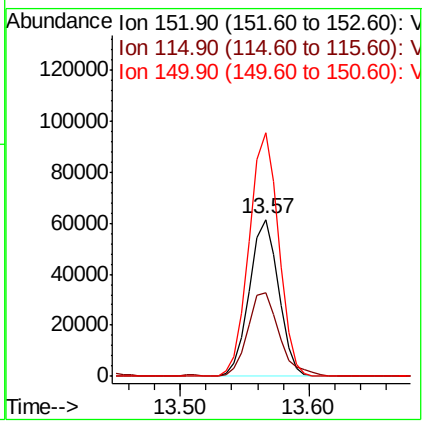


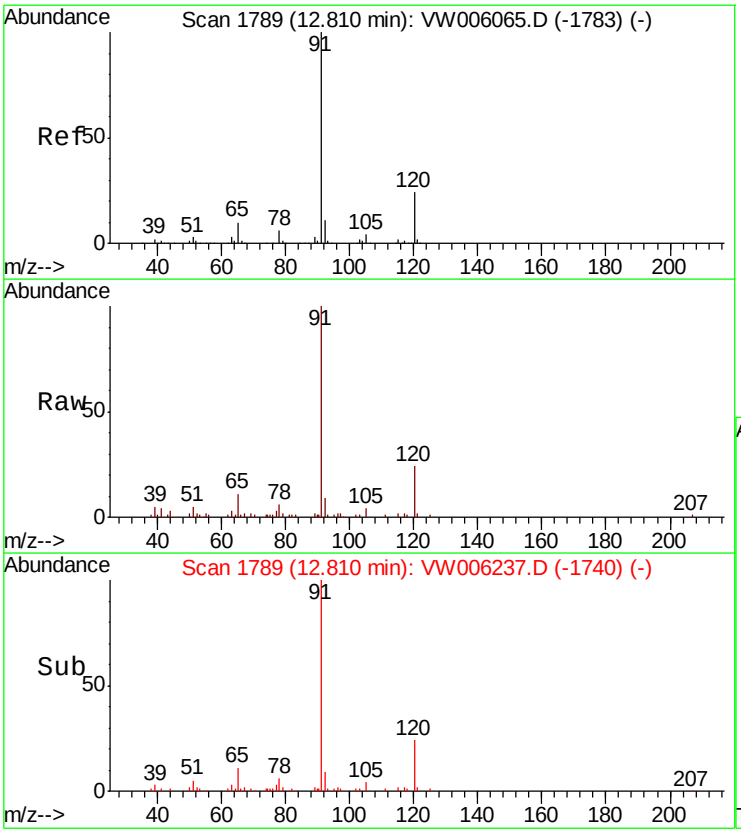
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW006237.D
Acq: 19 Oct 2018 20:30

Instrument : MSVOA_W
ClientSampleId : HD-02-101918RE

Tgt Ion:152 Resp: 95697

Ion	Ratio	Lower	Upper
152	100		
115	58.5	27.8	83.3
150	156.7	0.0	349.2

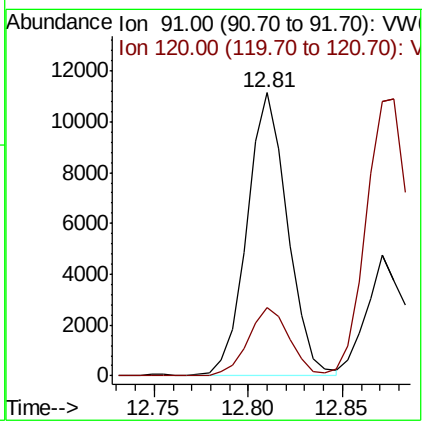


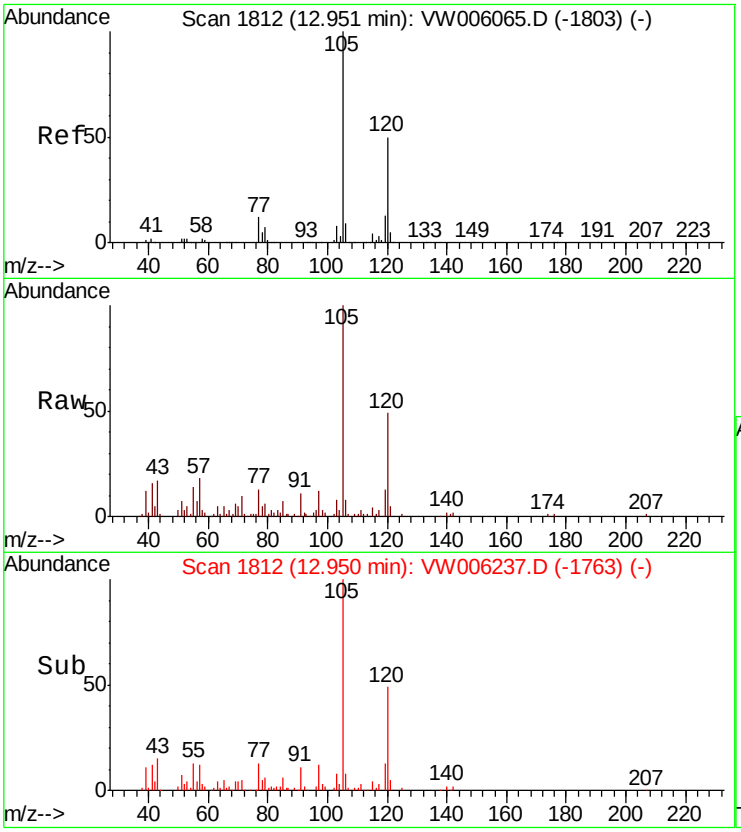


#78
n-propylbenzene
Concen: 2.115 ug/l
RT: 12.81 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VW006237.D
Acq: 19 Oct 2018 20:30

Tgt Ion: 91 Resp: 16636

Ion	Ratio	Lower	Upper
91	100		
120	24.6	12.2	36.6



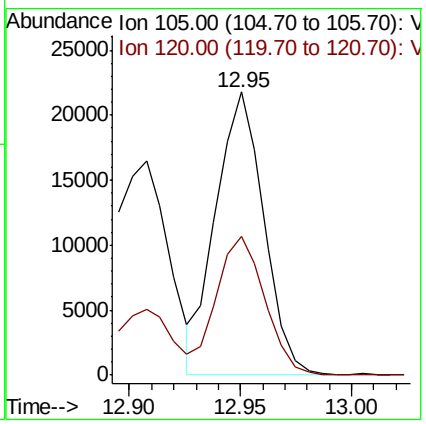


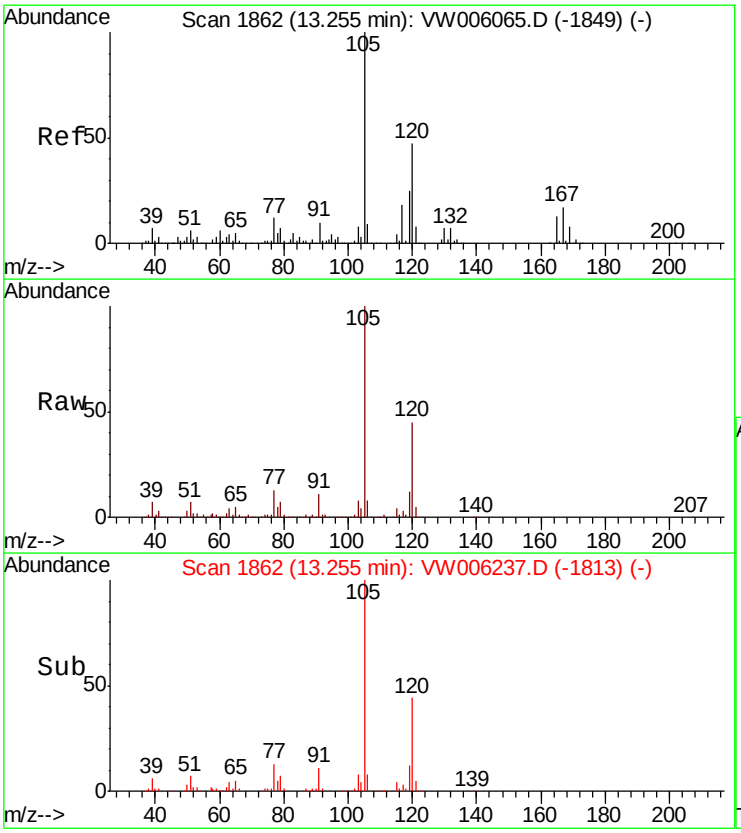
#80
1,3,5-Trimethylbenzene
Concen: 5.729 ug/l
RT: 12.95 min Scan# 1812
Delta R.T. -0.00 min
Lab File: VW006237.D
Acq: 19 Oct 2018 20:30

Instrument :
MSVOA_W
ClientSampleId :
HD-02-101918RE

Tgt Ion:105 Resp: 32651

Ion	Ratio	Lower	Upper
105	100		
120	49.4	24.9	74.6

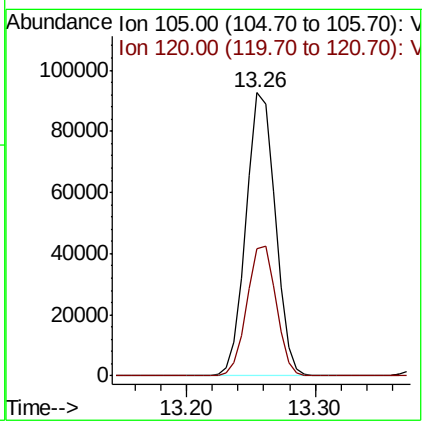


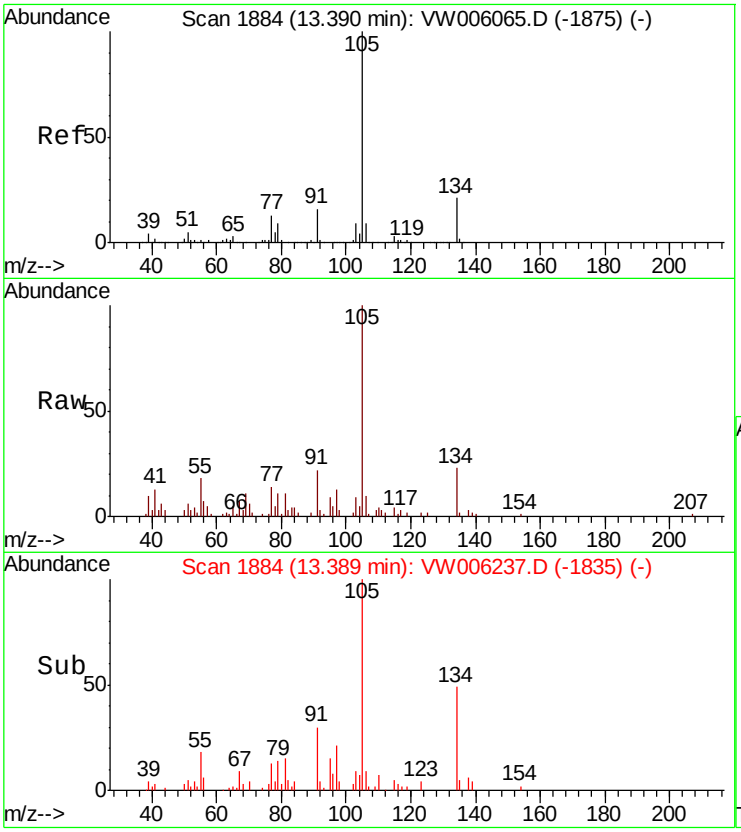


#84
1,2,4-Trimethylbenzene
Concen: 25.074 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. -0.00 min
Lab File: VW006237.D
Acq: 19 Oct 2018 20:30

Tgt Ion:105 Resp: 144611

Ion	Ratio	Lower	Upper
105	100		
120	45.9	23.1	69.3



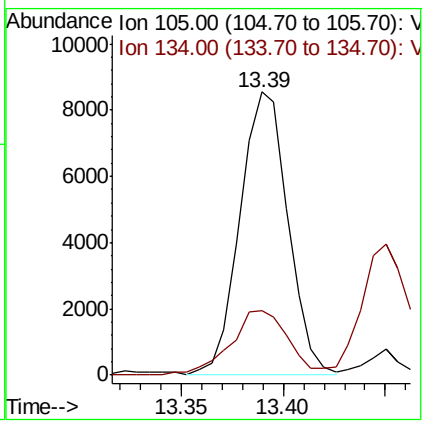


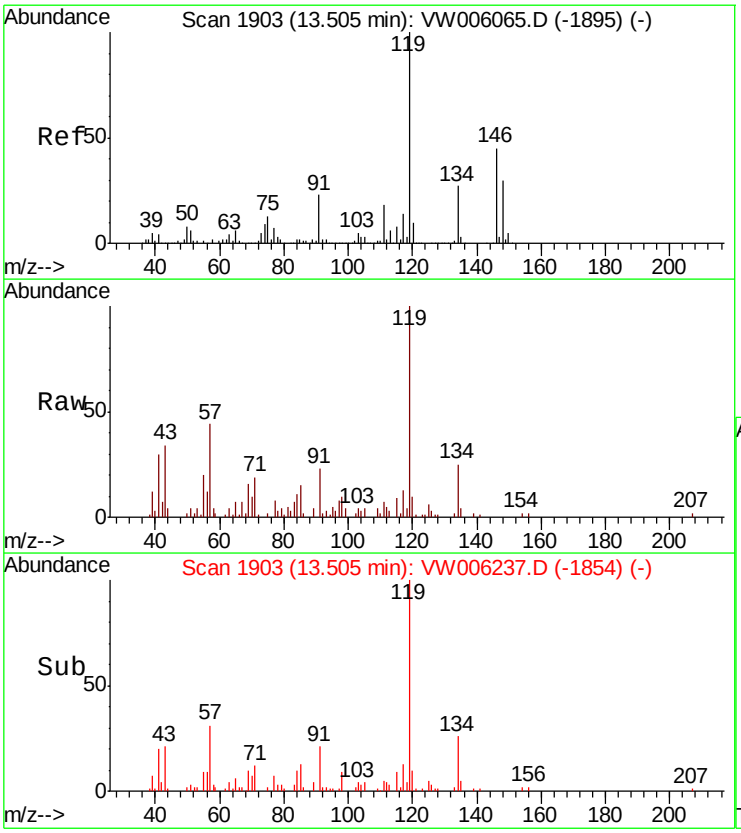
#85
sec-Butylbenzene
Concen: 1.948 ug/l
RT: 13.39 min Scan# 1884
Delta R.T. -0.00 min
Lab File: VW006237.D
Acq: 19 Oct 2018 20:30

Instrument :
MSVOA_W
ClientSampleId :
HD-02-101918RE

Tgt Ion:105 Resp: 14034

Ion	Ratio	Lower	Upper
105	100		
134	27.5	10.5	31.6

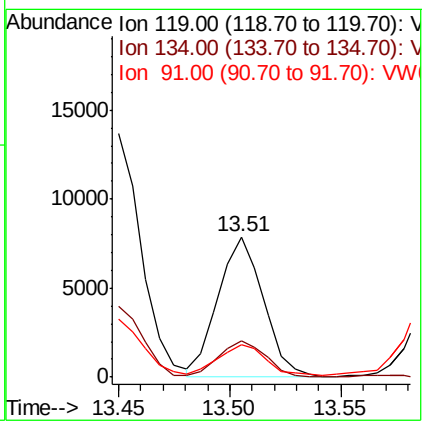


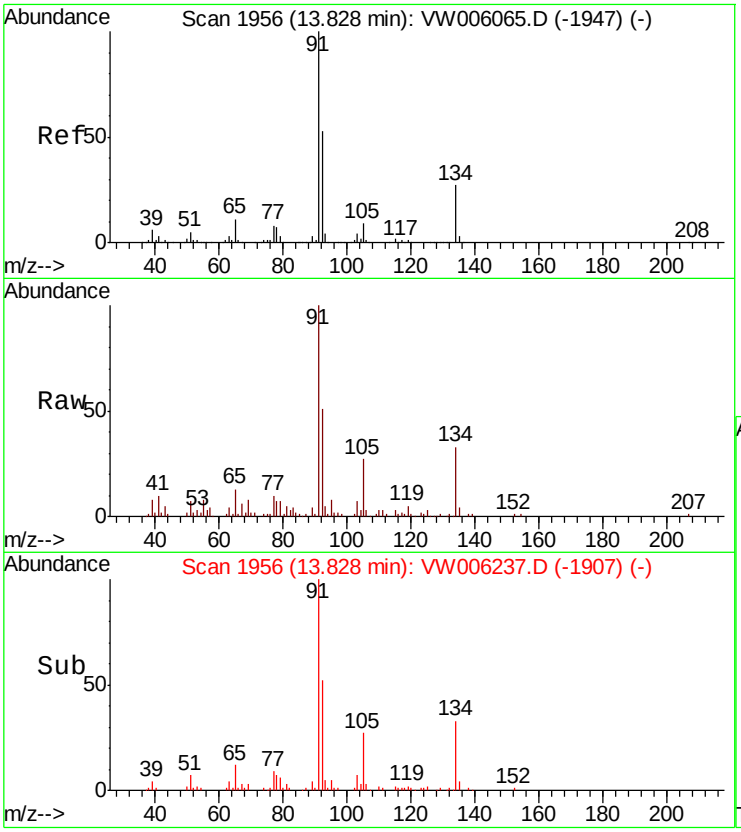


#86
p-Isopropyltoluene
Concen: 1.723 ug/l
RT: 13.51 min Scan# 1903
Delta R.T. -0.00 min
Lab File: VW006237.D
Acq: 19 Oct 2018 20:30

Tgt Ion:119 Resp: 11225

Ion	Ratio	Lower	Upper
119	100		
134	26.3	13.4	40.2
91	21.6	11.4	34.1



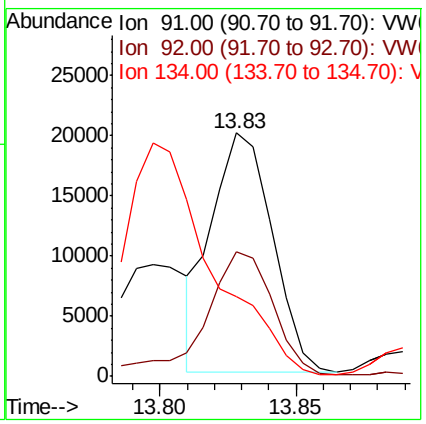


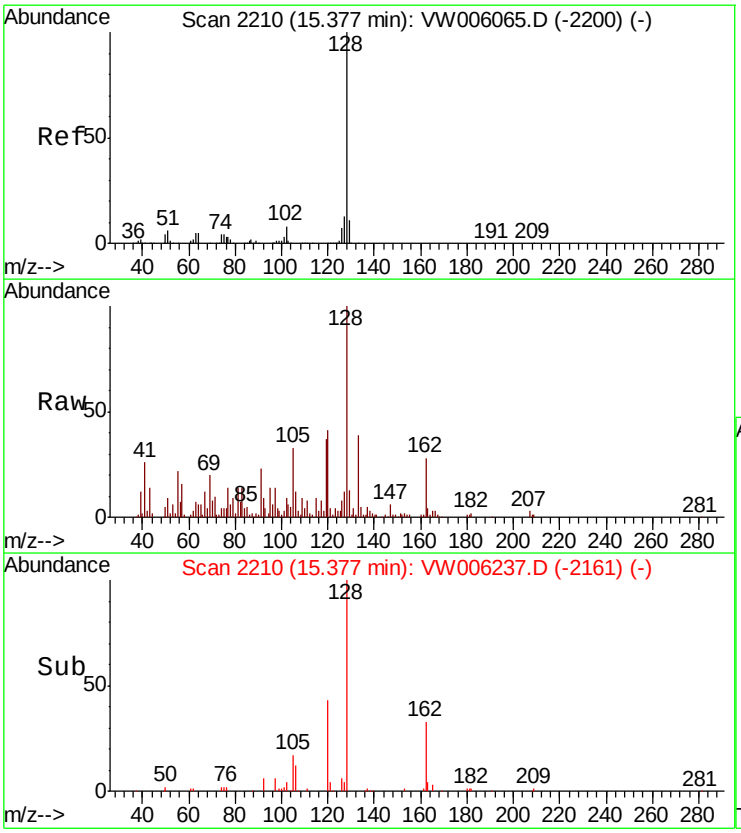
#89
n-Butylbenzene
Concen: 5.154 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. -0.00 min
Lab File: VW006237.D
Acq: 19 Oct 2018 20:30

Instrument :
MSVOA_W
ClientSampleId :
HD-02-101918RE

Tgt Ion: 91 Resp: 30714

Ion	Ratio	Lower	Upper
91	100		
92	57.6	26.6	79.7
134	0.0	14.0	41.9#





#95
Naphthalene
Concen: 10.986 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW006237.D
Acq: 19 Oct 2018 20:30

Tgt Ion:128 Resp: 41338

Ion	Ratio	Lower	Upper
128	100		
127	11.6	10.3	15.5
129	8.9	8.7	13.1