Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW101918\
Data File : VW006235.D
Acq On : 19 Oct 2018 19:38
Operator : VA/AP
Sample : J5197-03
Misc : 6.95G/5ML/MSVOA W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : HD-02-101918

Quant Time: Oct 20 03:26:45 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	212714	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	316112	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	244459	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	91828	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	96806	54.89	ug/l	0.00
Spiked Amount 50.000			Recovery = 109.78%			
35) Dibromofluoromethane	7.89	113	93688	50.16	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.32%			
50) Toluene-d8	10.33	98	315146	44.35	ug/l	0.00
Spiked Amount 50.000			Recovery = 88.70%			
62) 4-Bromofluorobenzene	12.62	95	93099	34.88	ug/l	0.00
Spiked Amount 50.000			Recovery = 69.76%			
Target Compounds						Qvalue
8) Diethyl Ether	3.67	74	1645	1.717	ug/l	68
16) Acetone	4.12	43	6546	5.295	ug/l	99
20) Methylene Chloride	4.92	84	20961	9.929	ug/l	93
52) Toluene	10.39	92	5717	1.067	ug/l	98
68) m/p-Xylenes	11.84	106	5013	1.398	ug/l	92
69) o-Xylene	12.17	106	5425	1.588	ug/l	95
78) n-propylbenzene	12.81	91	16553	2.193	ug/l	97
80) 1,3,5-Trimethylbenzene	12.95	105	35132	6.424	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	153943	27.817	ug/l	98
85) sec-Butylbenzene	13.39	105	15197	2.198	ug/l	88
86) p-Isopropyltoluene	13.51	119	11703	1.872	ug/l	98
89) n-Butylbenzene	13.83	91	31692	5.542	ug/l #	78
95) Naphthalene	15.38	128	32972	9.132	ug/l	95

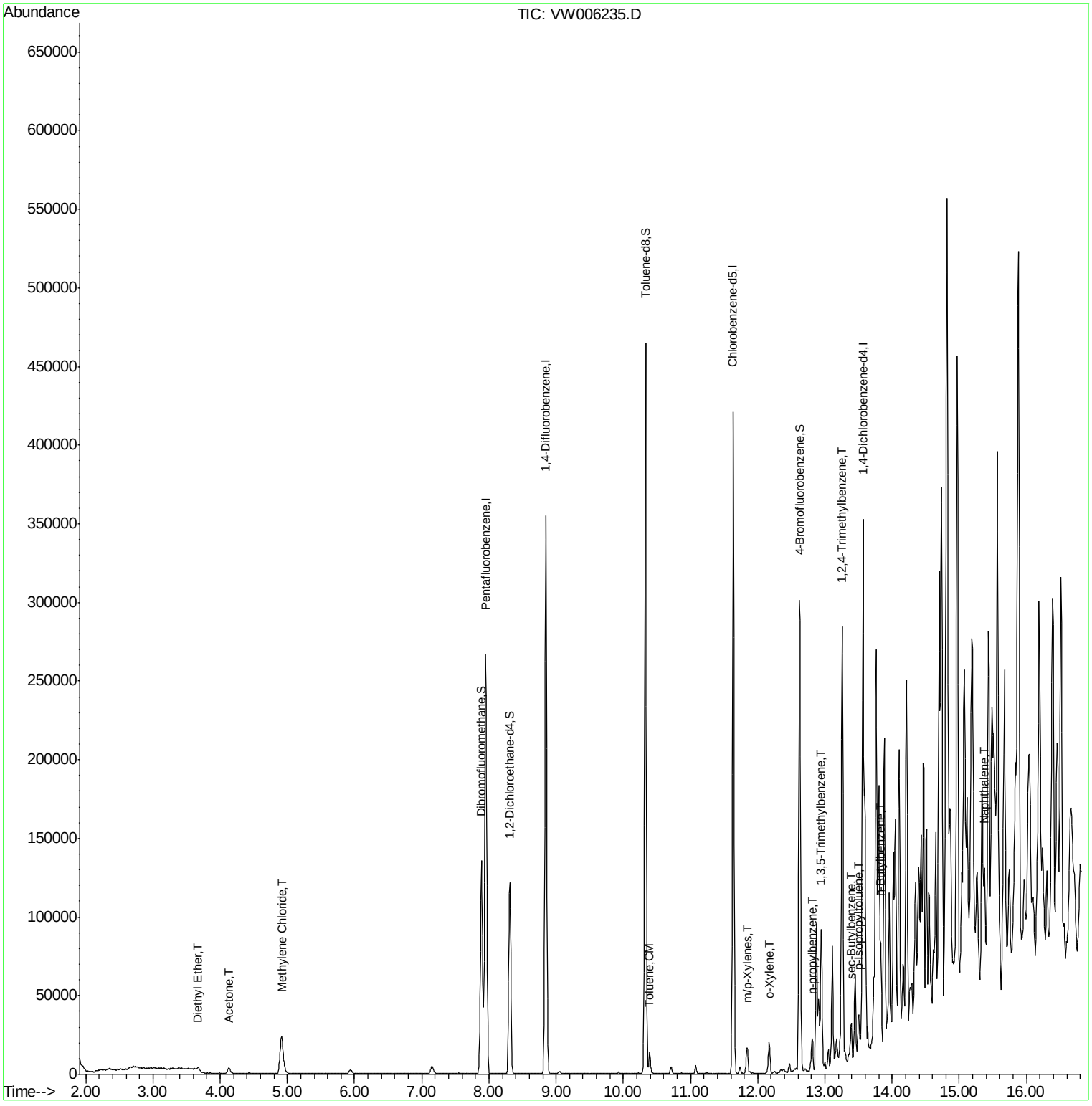
(#) = qualifier out of range (m) = manual integration (+) = signals summed

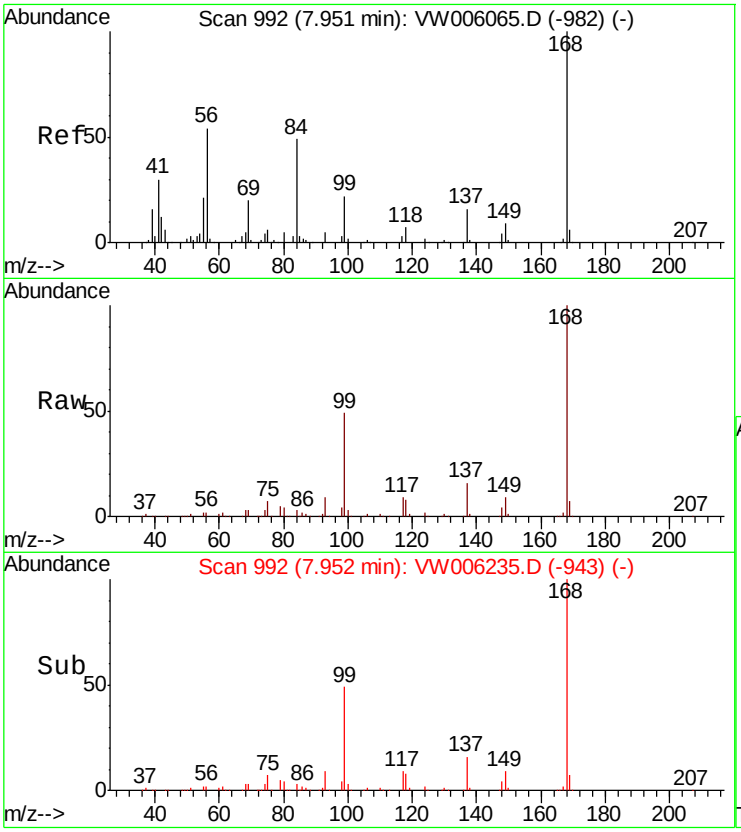
Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW101918\
Data File : VW006235.D
Acq On : 19 Oct 2018 19:38
Operator : VA/AP
Sample : J5197-03
Misc : 6.95G/5ML/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : HD-02-101918

Quant Time: Oct 20 03:26:45 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



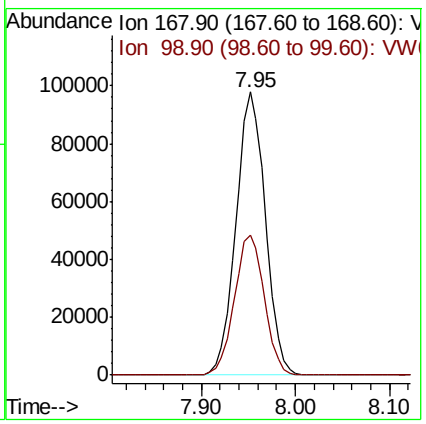


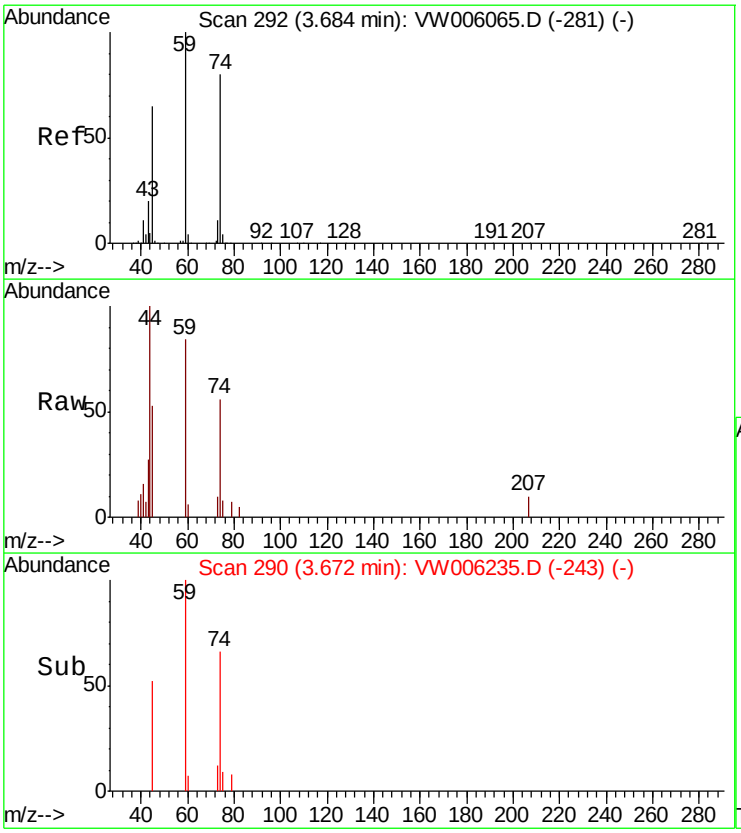
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.95 min Scan# 992
Delta R.T. 0.00 min
Lab File: VW006235.D
Acq: 19 Oct 2018 19:38

Instrument :
MSVOA_W
ClientSampleId :
HD-02-101918

Tgt Ion:168 Resp: 212714

Ion	Ratio	Lower	Upper
168	100		
99	49.3	39.9	59.9

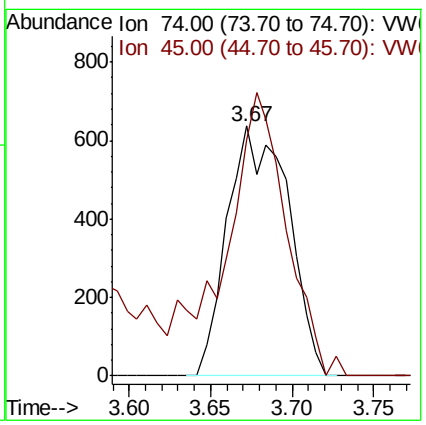


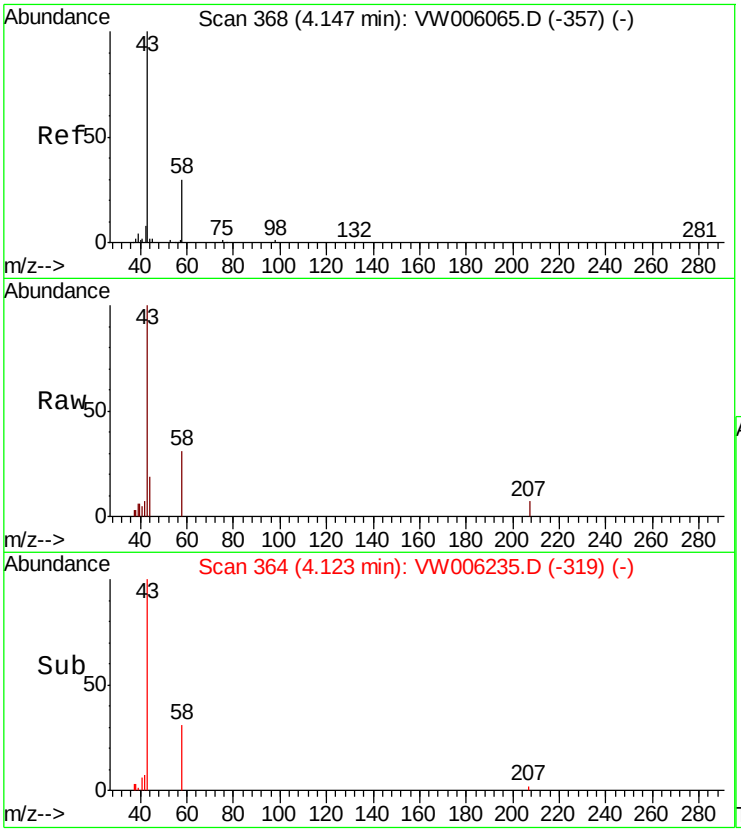


#8
Diethyl Ether
Concen: 1.717 ug/l
RT: 3.67 min Scan# 290
Delta R.T. -0.01 min
Lab File: VW006235.D
Acq: 19 Oct 2018 19:38

Tgt Ion: 74 Resp: 1645

Ion	Ratio	Lower	Upper
74	100		
45	114.4	42.8	128.3



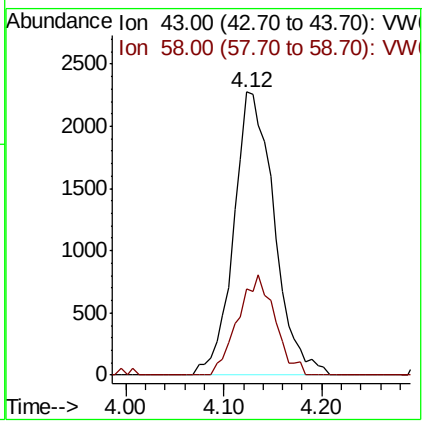


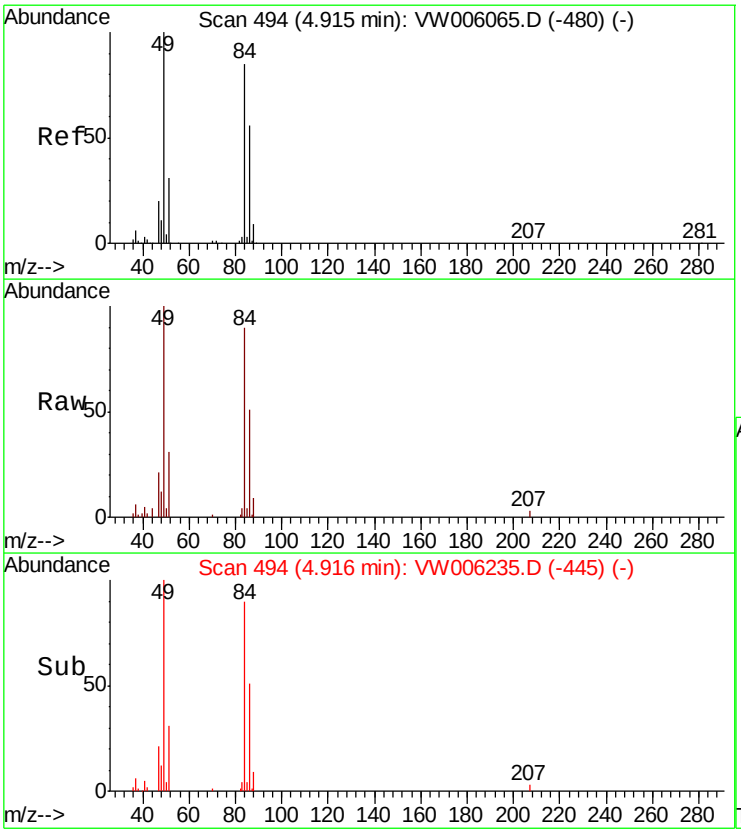
#16
Acetone
Concen: 5.295 ug/l
RT: 4.12 min Scan# 364
Delta R.T. -0.02 min
Lab File: VW006235.D
Acq: 19 Oct 2018 19:38

Instrument : MSVOA_W
ClientSampleId : HD-02-101918

Tgt Ion: 43 Resp: 6546

Ion	Ratio	Lower	Upper
43	100		
58	30.5	24.0	36.0

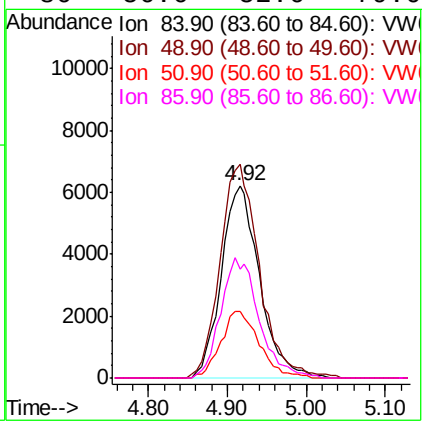


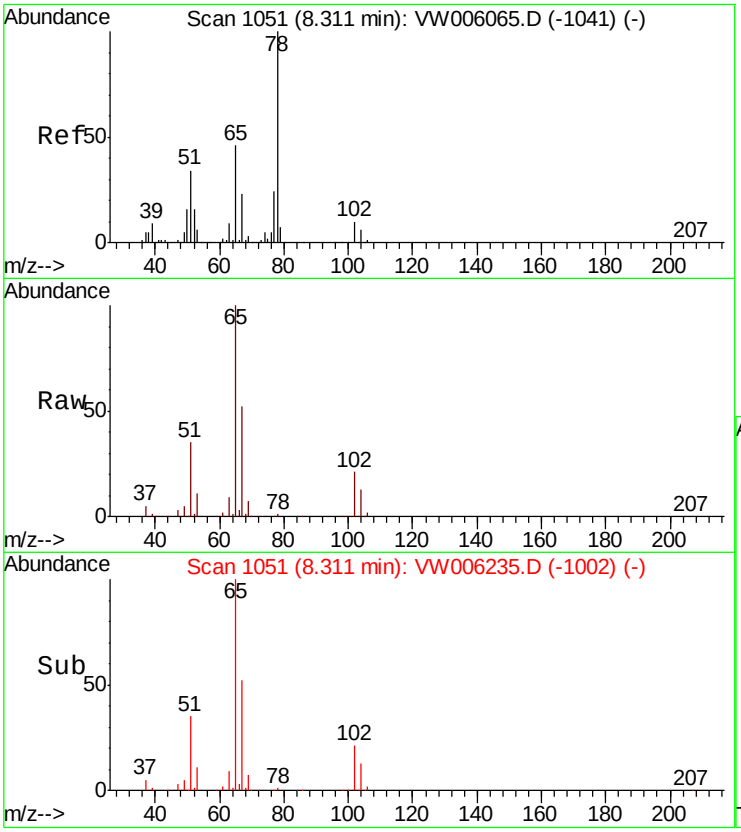


#20
Methylene Chloride
Concen: 9.929 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW006235.D
Acq: 19 Oct 2018 19:38

Tgt Ion: 84 Resp: 20961

Ion	Ratio	Lower	Upper
84	100		
49	111.1	93.6	140.4
51	34.4	29.0	43.4
86	56.6	52.6	79.0



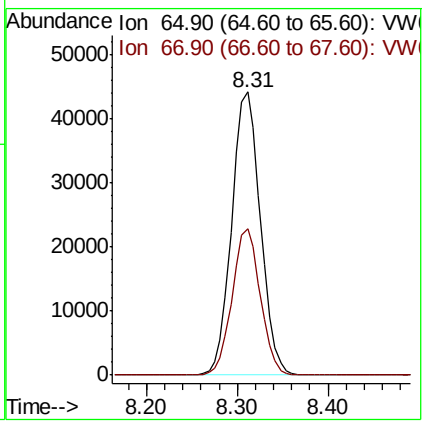


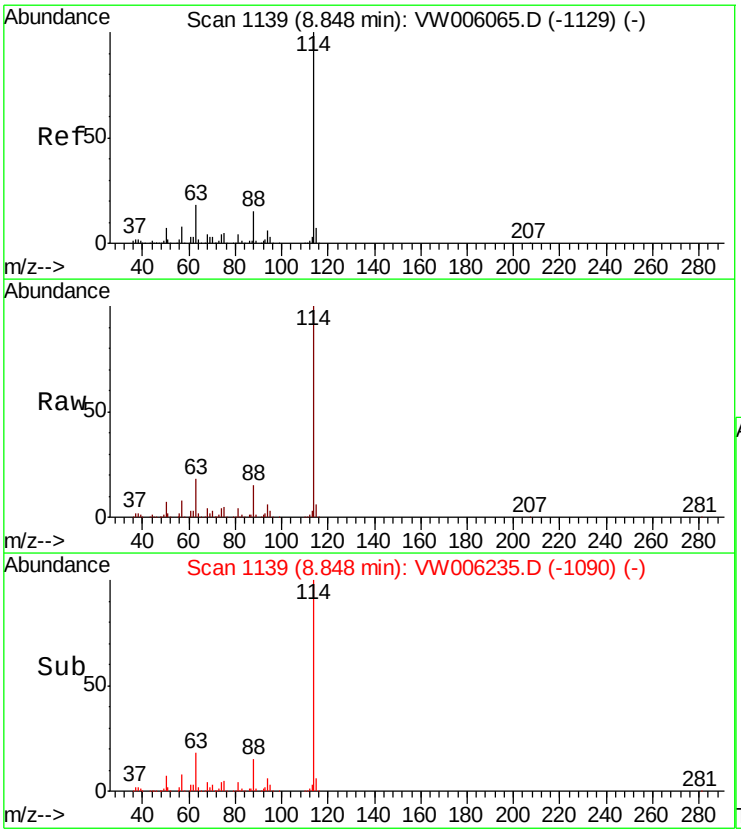
#33
1,2-Dichloroethane-d4
Concen: 54.894 ug/l
RT: 8.31 min Scan# 1051
Delta R.T. 0.00 min
Lab File: VW006235.D
Acq: 19 Oct 2018 19:38

Instrument :
MSVOA_W
ClientSampleId :
HD-02-101918

Tgt Ion: 65 Resp: 96806

Ion	Ratio	Lower	Upper
65	100		
67	50.9	0.0	101.0

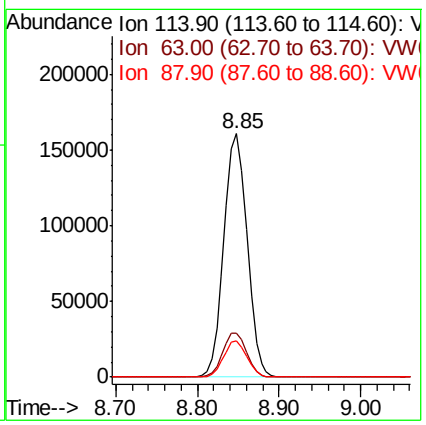


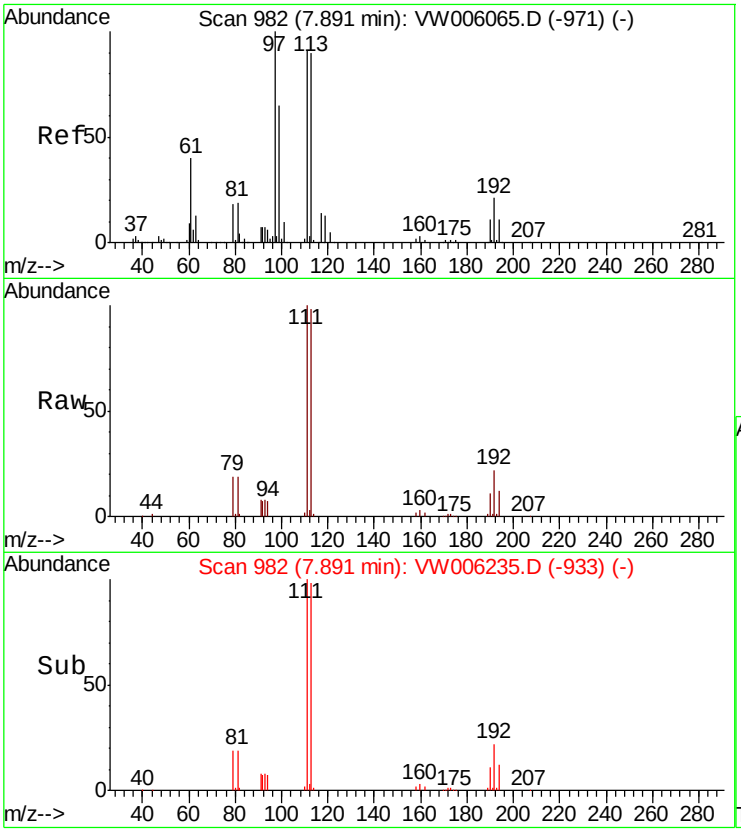


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.85 min Scan# 1139
Delta R.T. 0.00 min
Lab File: VW006235.D
Acq: 19 Oct 2018 19:38

Tgt Ion:114 Resp: 316112

Ion	Ratio	Lower	Upper
114	100		
63	18.2	0.0	36.8
88	15.0	0.0	29.0



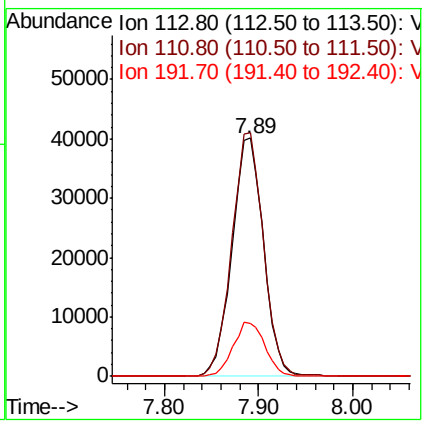


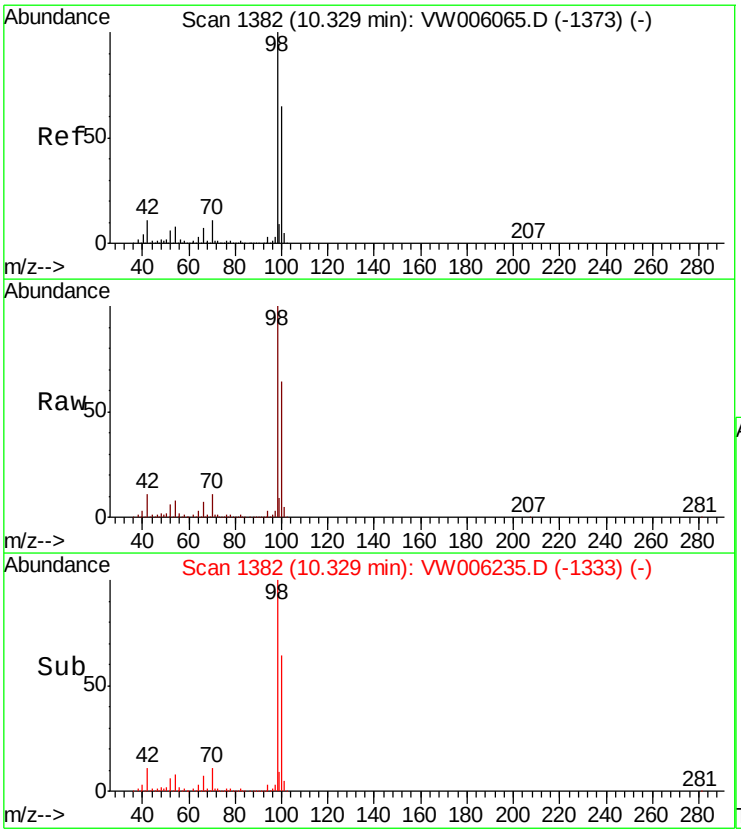
#35
Dibromofluoromethane
Concen: 50.157 ug/l
RT: 7.89 min Scan# 982
Delta R.T. 0.00 min
Lab File: VW006235.D
Acq: 19 Oct 2018 19:38

Instrument :
MSVOA_W
ClientSampleId :
HD-02-101918

Tgt Ion:113 Resp: 93688

Ion	Ratio	Lower	Upper
113	100		
111	102.3	81.4	122.0
192	22.9	18.7	28.1

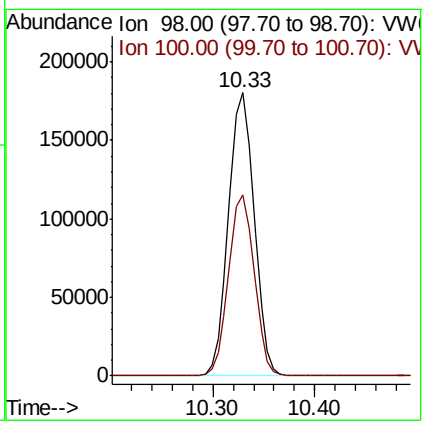


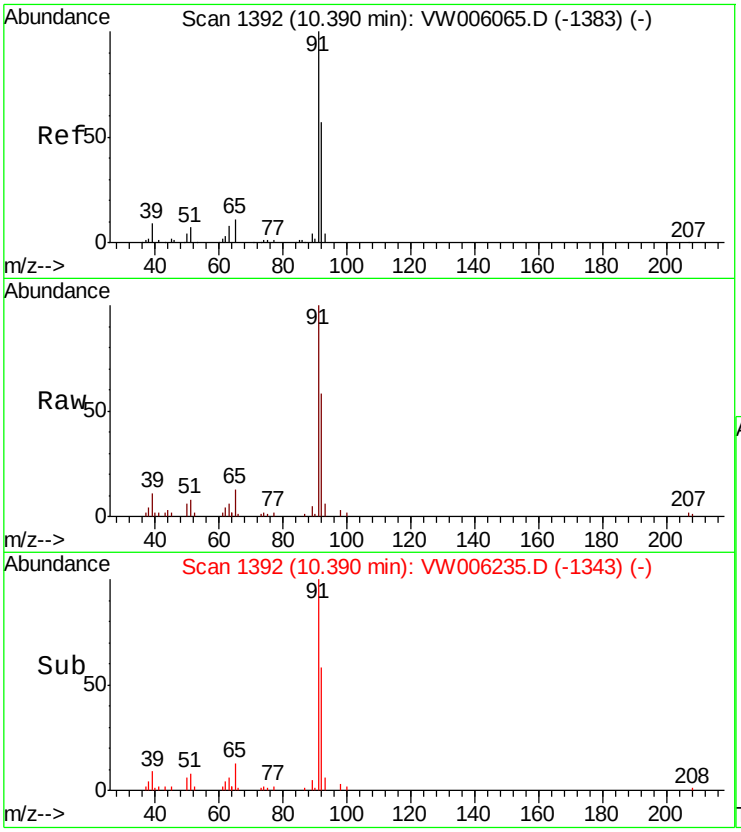


#50
Toluene-d8
Concen: 44.347 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VW006235.D
Acq: 19 Oct 2018 19:38

Tgt Ion: 98 Resp: 315146

Ion	Ratio	Lower	Upper
98	100		
100	63.9	51.6	77.4



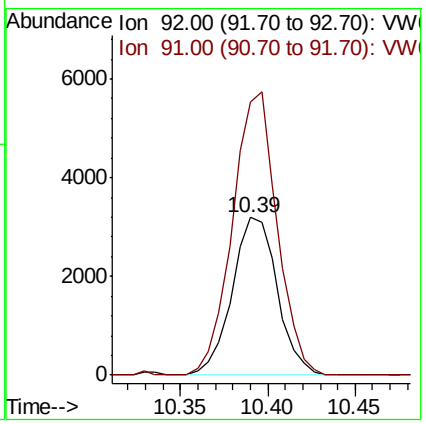


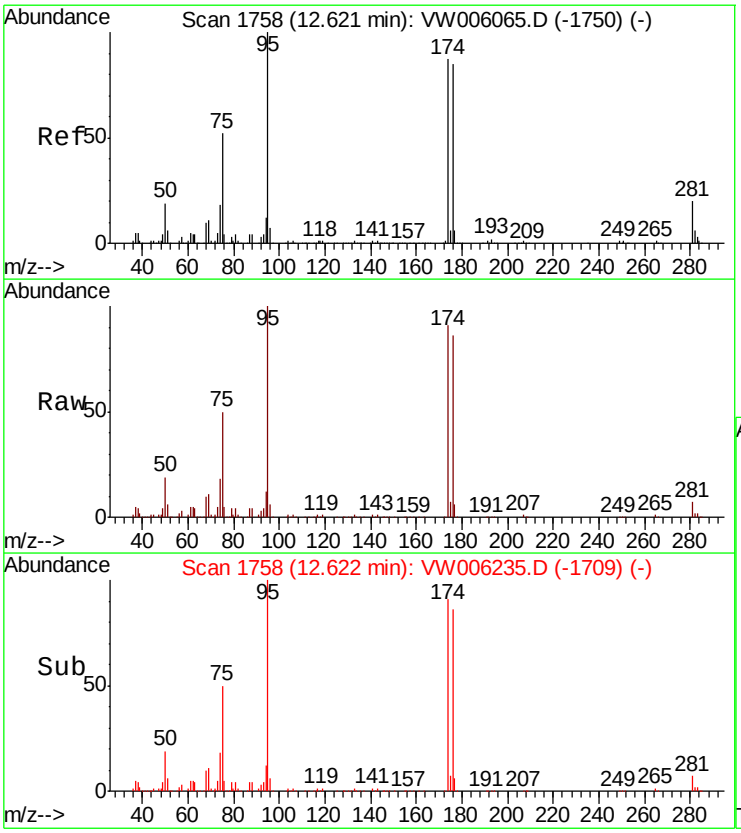
#52
Toluene
Concen: 1.067 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. 0.00 min
Lab File: VW006235.D
Acq: 19 Oct 2018 19:38

Instrument : MSVOA_W
ClientSampleId : HD-02-101918

Tgt Ion: 92 Resp: 5717

Ion	Ratio	Lower	Upper
92	100		
91	177.4	140.0	210.0

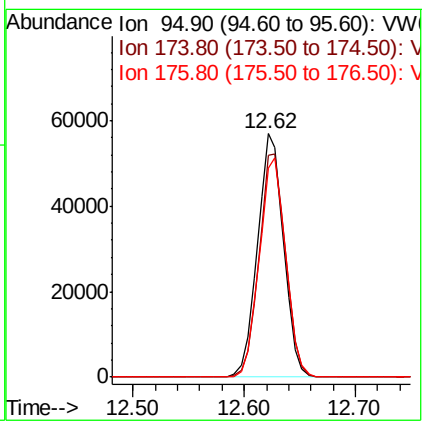


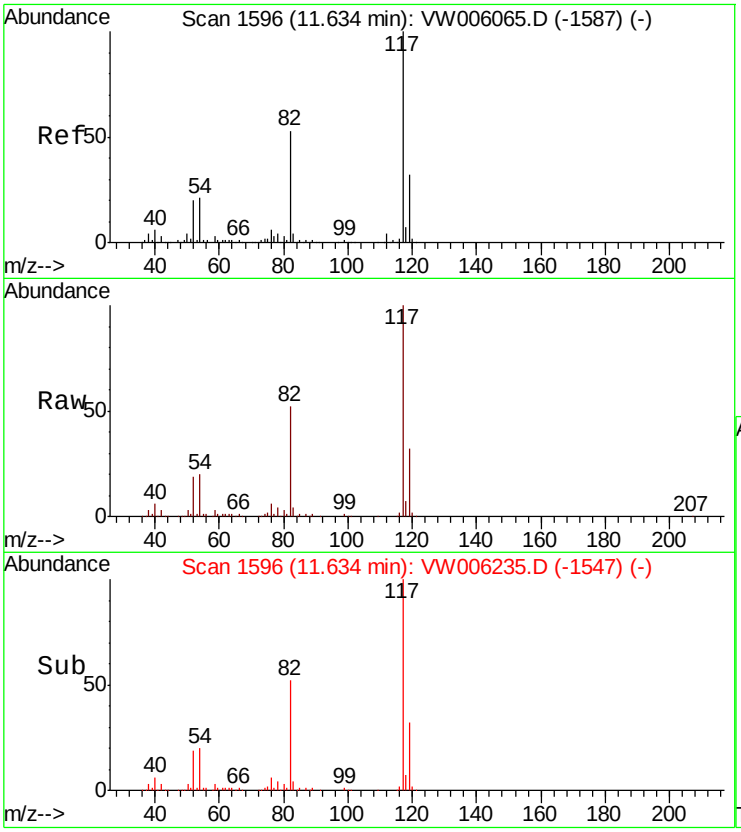


#62
4-Bromofluorobenzene
Concen: 34.881 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW006235.D
Acq: 19 Oct 2018 19:38

Tgt Ion: 95 Resp: 93099

Ion	Ratio	Lower	Upper
95	100		
174	93.1	0.0	186.0
176	91.1	0.0	181.6



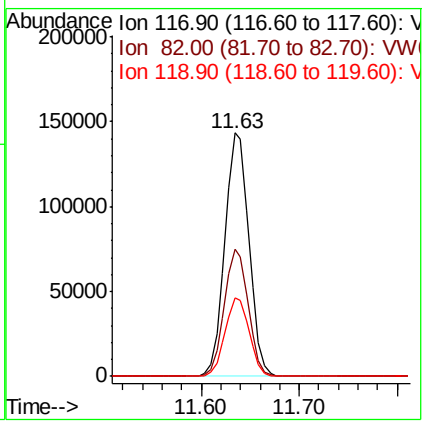


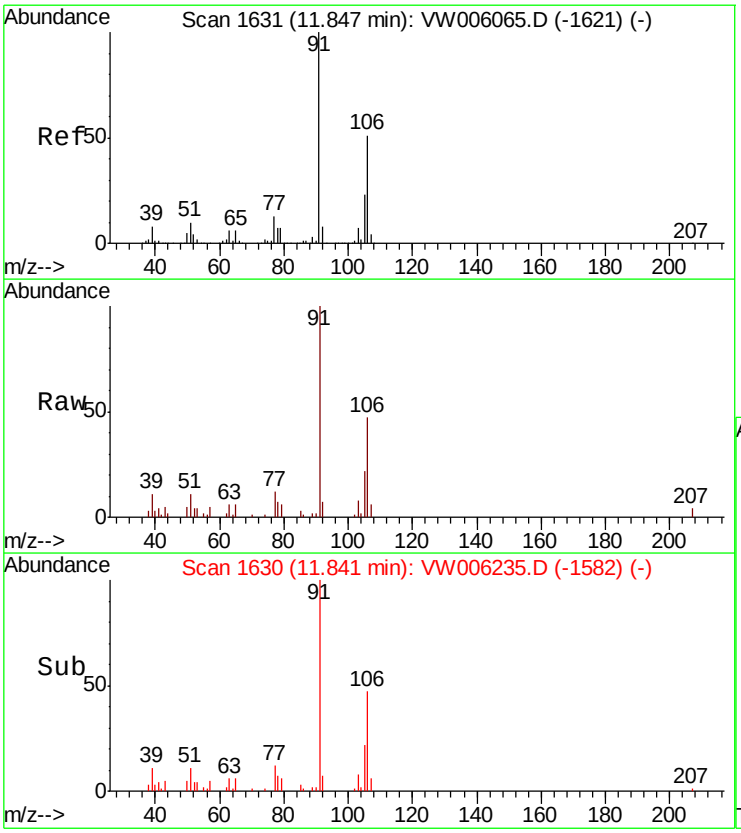
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006235.D
Acq: 19 Oct 2018 19:38

Instrument : MSVOA_W
ClientSampleId : HD-02-101918

Tgt Ion:117 Resp: 244459

Ion	Ratio	Lower	Upper
117	100		
82	52.3	42.1	63.1
119	32.2	25.8	38.6

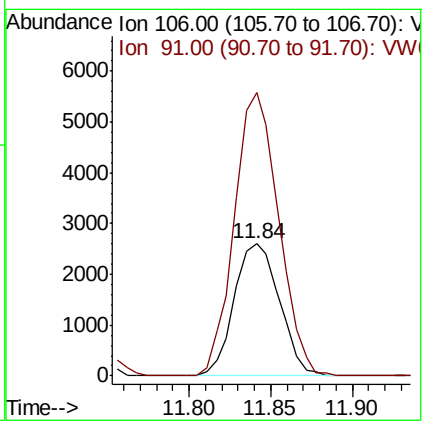


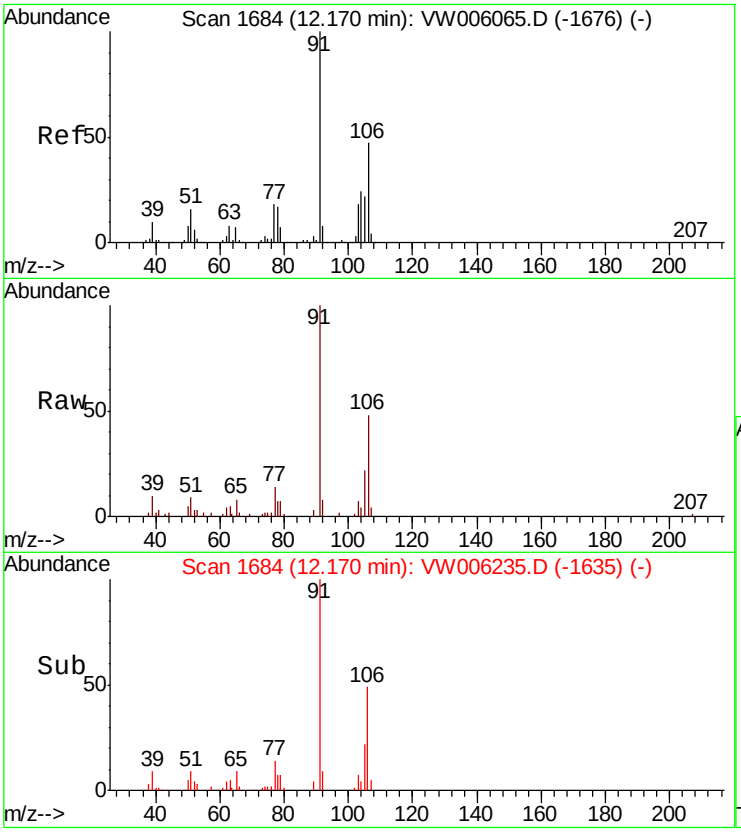


#68
m/p-Xylenes
Concen: 1.398 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.01 min
Lab File: VW006235.D
Acq: 19 Oct 2018 19:38

Tgt Ion:106 Resp: 5013

Ion	Ratio	Lower	Upper
106	100		
91	210.6	159.1	238.7



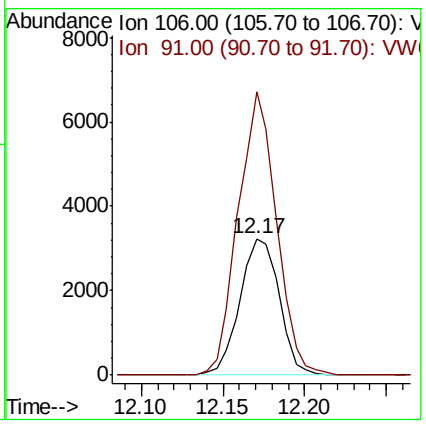


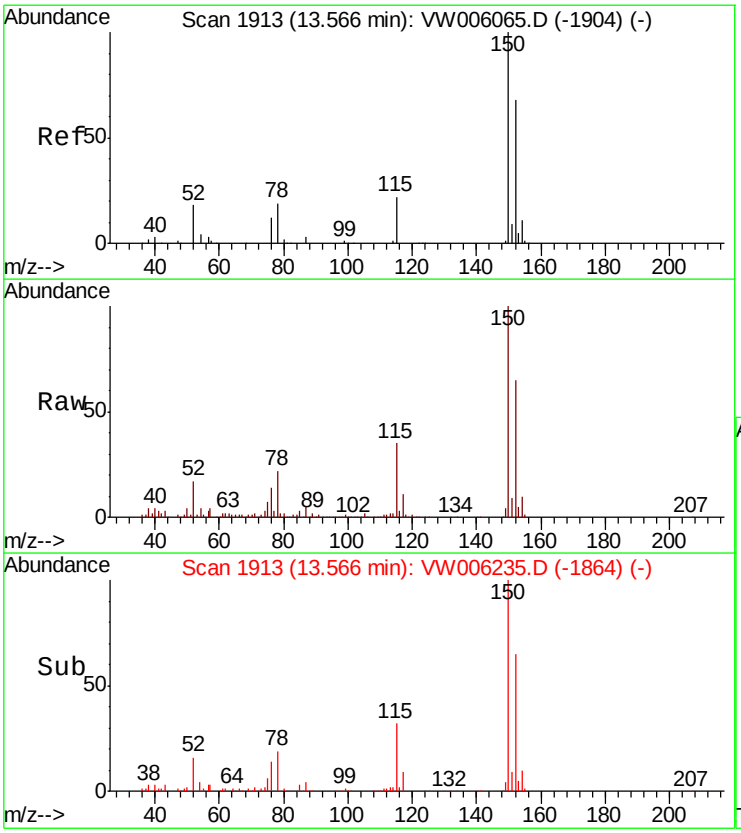
#69
o-Xylene
Concen: 1.588 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW006235.D
Acq: 19 Oct 2018 19:38

Instrument : MSVOA_W
ClientSampleId : HD-02-101918

Tgt Ion:106 Resp: 5425

Ion	Ratio	Lower	Upper
106	100		
91	202.8	105.4	316.1

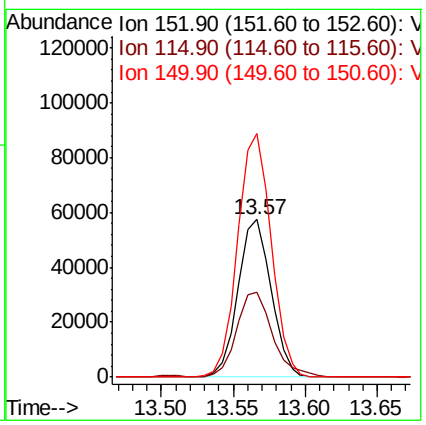


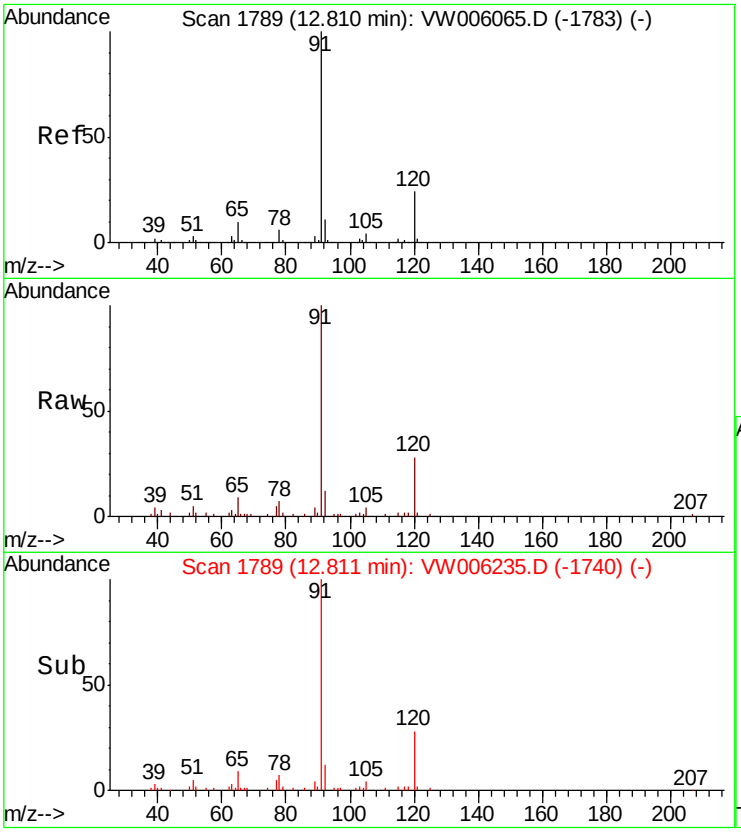


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.00 min
Lab File: VW006235.D
Acq: 19 Oct 2018 19:38

Tgt Ion:152 Resp: 91828

Ion	Ratio	Lower	Upper
152	100		
115	59.0	27.8	83.3
150	156.0	0.0	349.2



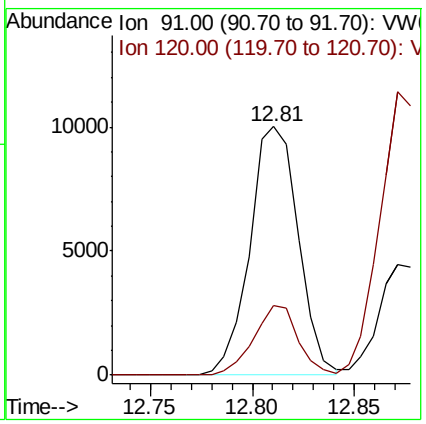


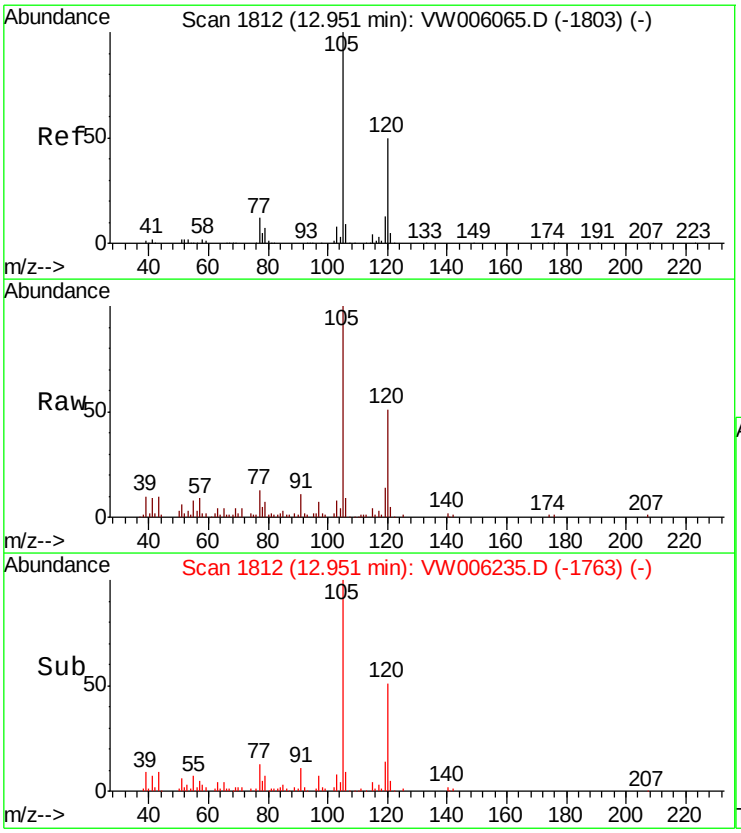
#78
n-propylbenzene
Concen: 2.193 ug/l
RT: 12.81 min Scan# 1789
Delta R.T. 0.00 min
Lab File: VW006235.D
Acq: 19 Oct 2018 19:38

Instrument : MSVOA_W
ClientSampleId : HD-02-101918

Tgt Ion: 91 Resp: 16553

Ion	Ratio	Lower	Upper
91	100		
120	25.8	12.2	36.6

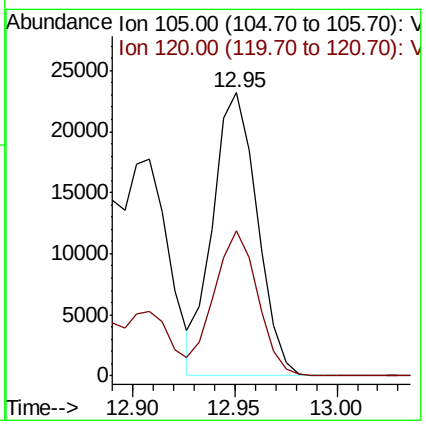


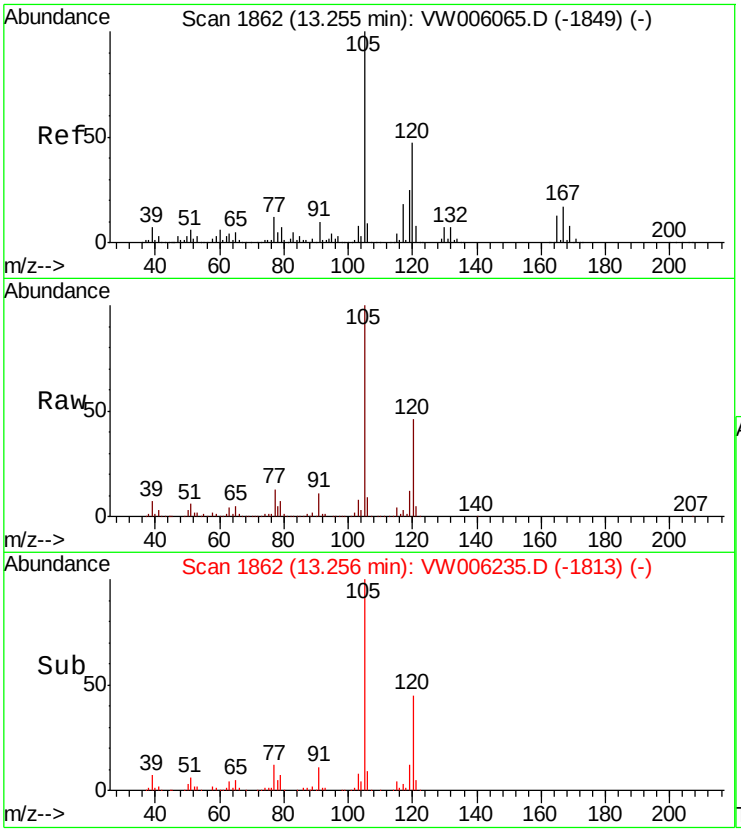


#80
1,3,5-Trimethylbenzene
Concen: 6.424 ug/l
RT: 12.95 min Scan# 1812
Delta R.T. 0.00 min
Lab File: VW006235.D
Acq: 19 Oct 2018 19:38

Tgt Ion:105 Resp: 35132

Ion	Ratio	Lower	Upper
105	100		
120	50.1	24.9	74.6



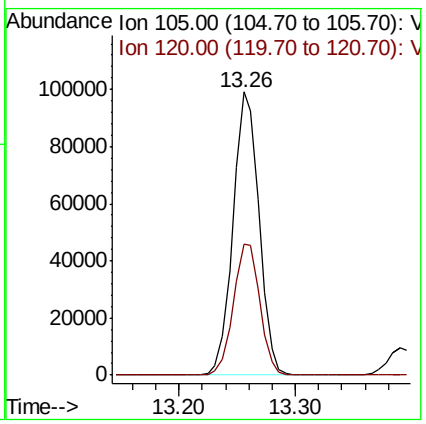


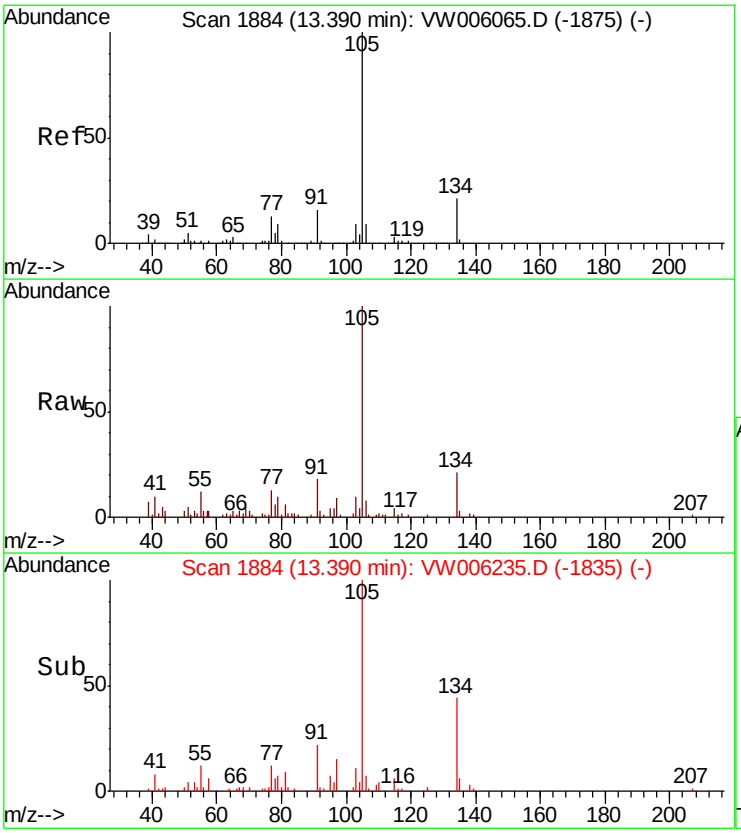
#84
1,2,4-Trimethylbenzene
Concen: 27.817 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. 0.00 min
Lab File: VW006235.D
Acq: 19 Oct 2018 19:38

Instrument :
MSVOA_W
ClientSampleId :
HD-02-101918

Tgt Ion:105 Resp: 153943

Ion	Ratio	Lower	Upper
105	100		
120	47.3	23.1	69.3

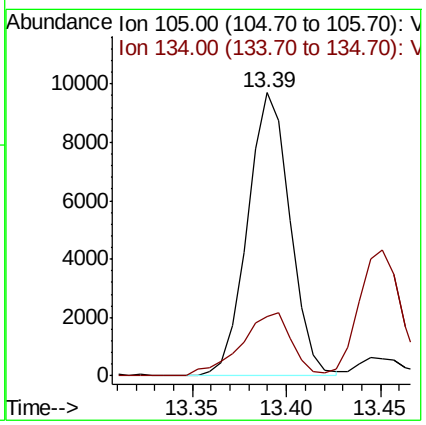


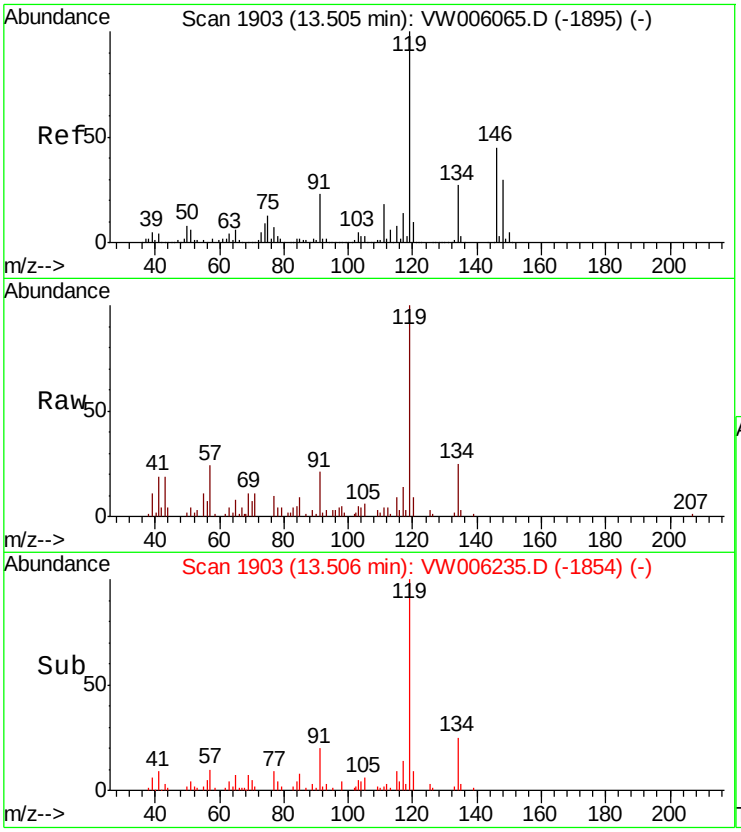


#85
sec-Butylbenzene
Concen: 2.198 ug/l
RT: 13.39 min Scan# 1884
Delta R.T. 0.00 min
Lab File: VW006235.D
Acq: 19 Oct 2018 19:38

Tgt Ion:105 Resp: 15197

Ion	Ratio	Lower	Upper
105	100		
134	26.6	10.5	31.6



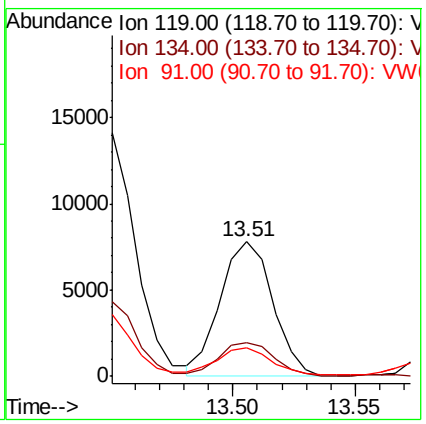


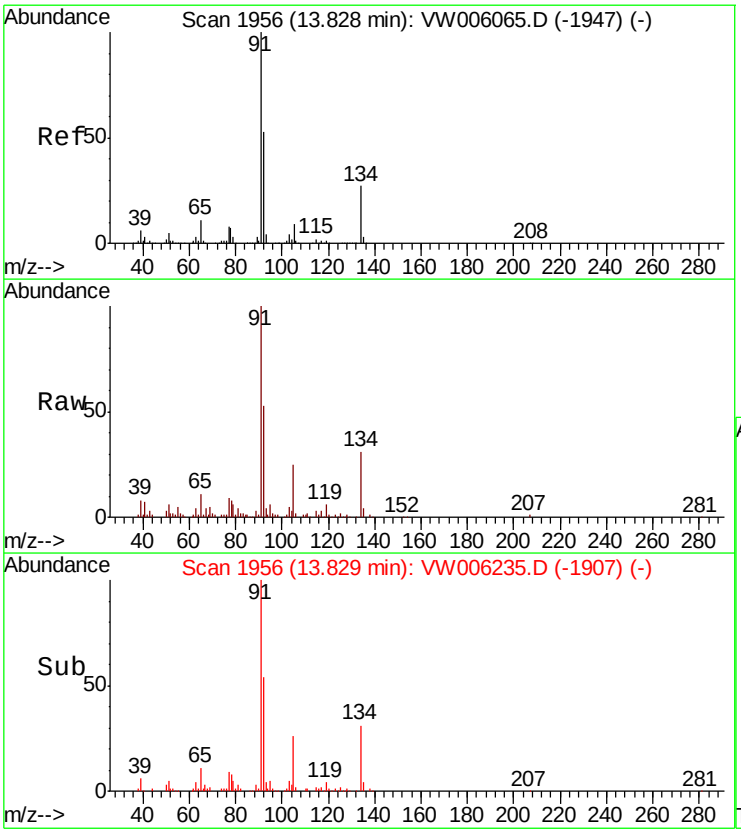
#86
p-Isopropyltoluene
Concen: 1.872 ug/l
RT: 13.51 min Scan# 1903
Delta R.T. 0.00 min
Lab File: VW006235.D
Acq: 19 Oct 2018 19:38

Instrument : MSVOA_W
ClientSampleId : HD-02-101918

Tgt Ion:119 Resp: 11703

Ion	Ratio	Lower	Upper
119	100		
134	26.4	13.4	40.2
91	21.1	11.4	34.1

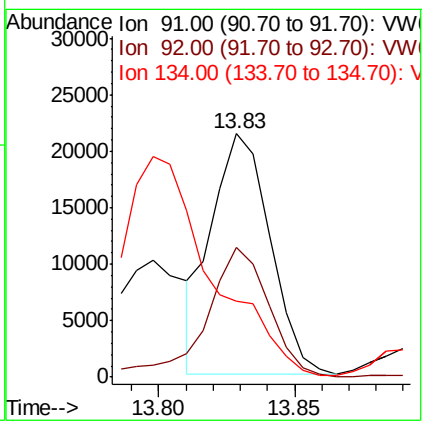


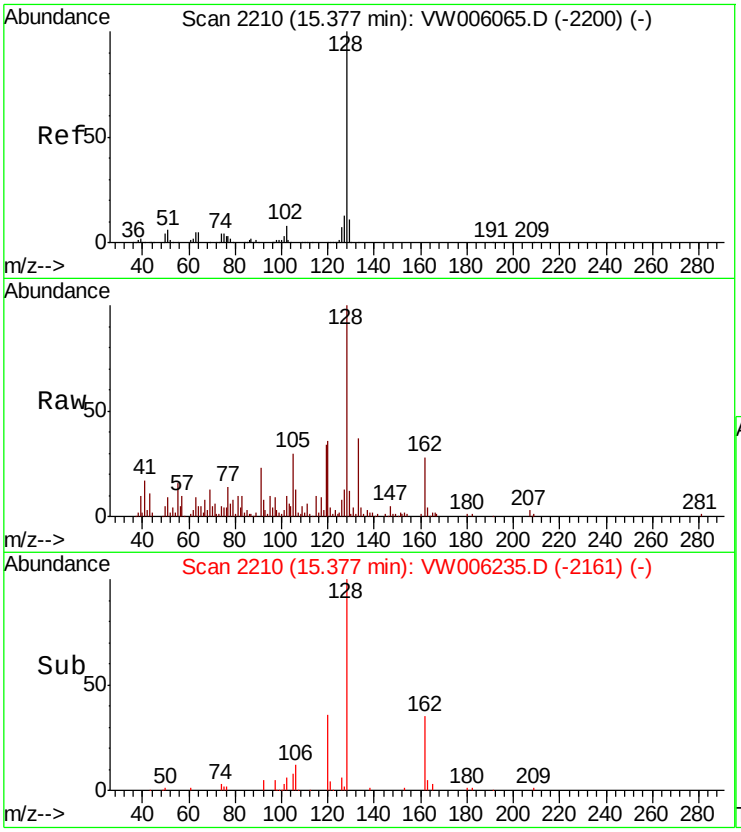


#89
n-Butylbenzene
Concen: 5.542 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. 0.00 min
Lab File: VW006235.D
Acq: 19 Oct 2018 19:38

Tgt Ion: 91 Resp: 31692

Ion	Ratio	Lower	Upper
91	100		
92	56.7	26.6	79.7
134	0.0	14.0	41.9#





#95
Naphthalene
Concen: 9.132 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VW006235.D
Acq: 19 Oct 2018 19:38

Instrument :
MSVOA_W
ClientSampleId :
HD-02-101918

Tgt Ion:128 Resp: 32972

Ion	Ratio	Lower	Upper
128	100		
127	10.7	10.3	15.5
129	9.1	8.7	13.1