Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW101218\
Data File : VW006034.D
Acq On : 11 Oct 2018 17:55
Operator : VA/AP
Sample : J5199-03
Misc : 6.70G/5ML/MSVOA_W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : OK-02-101118

Quant Time: Oct 12 01:41:29 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100818S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 09 02:14:04 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	219775	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	331217	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	276165	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	118471	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	104788	49.12	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.24%			
35) Dibromofluoromethane	7.88	113	98707	46.68	ug/l	0.00
Spiked Amount 50.000			Recovery = 93.36%			
50) Toluene-d8	10.33	98	343911	42.27	ug/l	0.00
Spiked Amount 50.000			Recovery = 84.54%			
62) 4-Bromofluorobenzene	12.62	95	113101	36.54	ug/l	0.00
Spiked Amount 50.000			Recovery = 73.08%			
Target Compounds						Qvalue
16) Acetone	4.14	43	12177	28.57	ug/l	99
20) Methylene Chloride	4.92	84	10861	5.09	ug/l	88
39) Methylcyclohexane	9.34	83	6514	1.56	ug/l	99
40) Benzene	8.32	78	125535	14.45	ug/l	99
52) Toluene	10.39	92	48432	8.49	ug/l	100
67) Ethyl Benzene	11.74	91	40297	3.86	ug/l	99
68) m/p-Xylenes	11.84	106	36668	8.98	ug/l	100
69) o-Xylene	12.17	106	14763	3.78	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	12664	1.73	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	44275	6.01	ug/l	98
95) Naphthalene	15.38	128	956529	197.95	ug/l	100

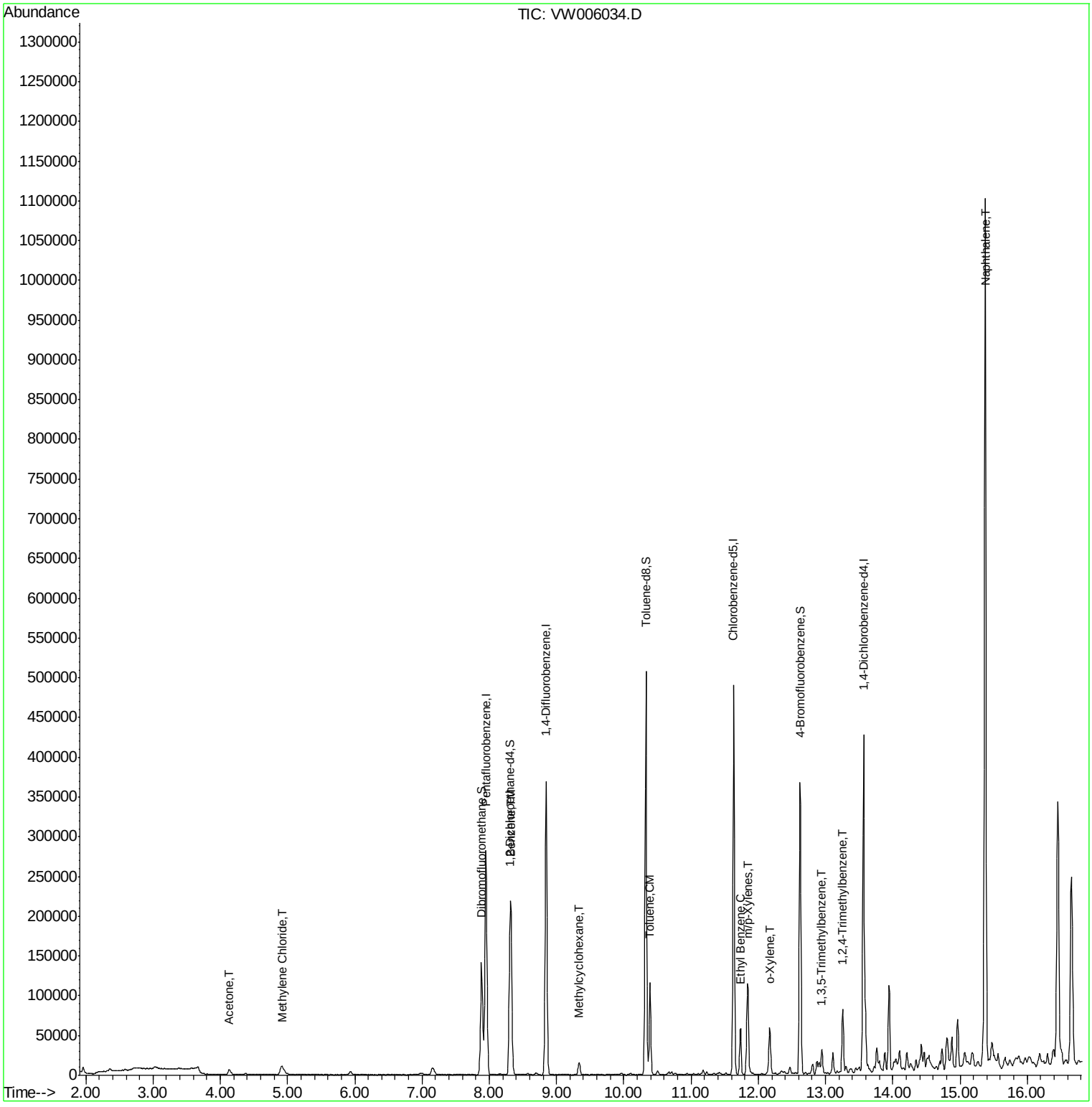
(#) = qualifier out of range (m) = manual integration (+) = signals summed

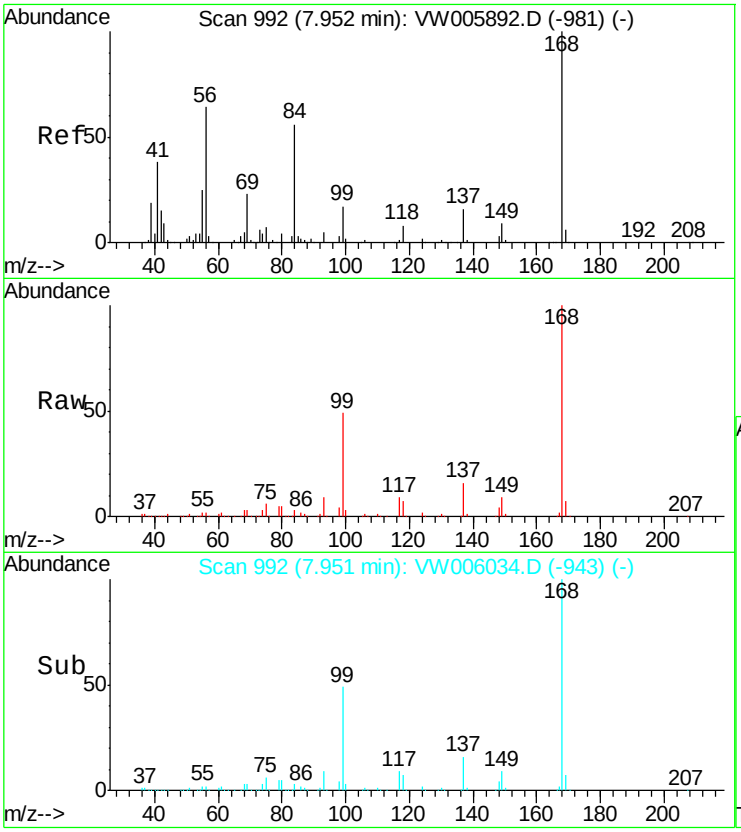
Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW101218\
Data File : VW006034.D
Acq On : 11 Oct 2018 17:55
Operator : VA/AP
Sample : J5199-03
Misc : 6.70G/5ML/MSVOA_W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
OK-02-101118

Quant Time: Oct 12 01:41:29 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100818S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 09 02:14:04 2018
Response via : Initial Calibration



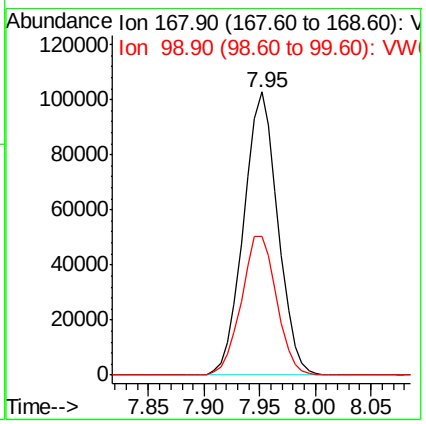


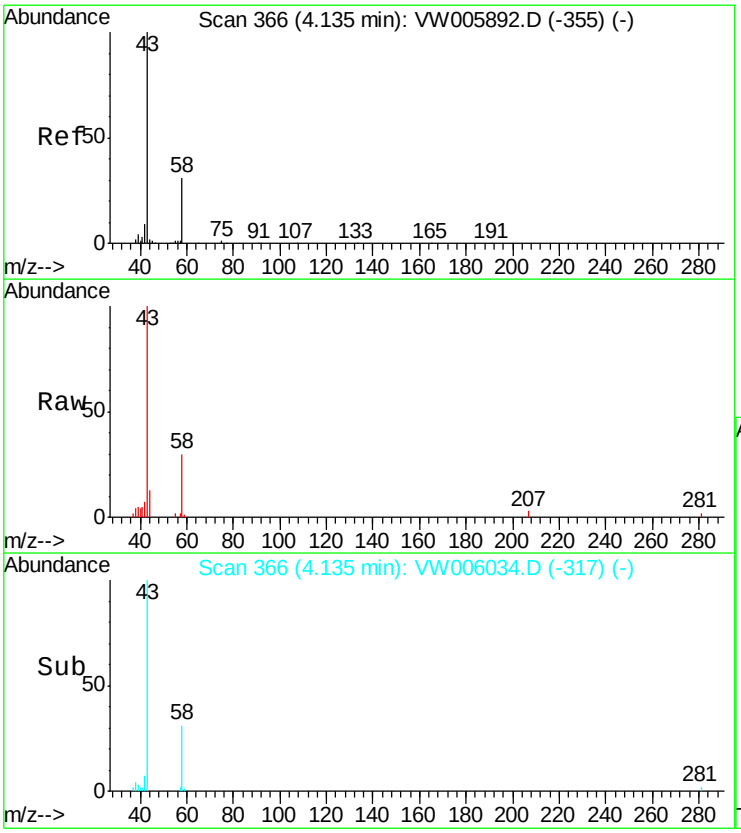
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.00 min
Lab File: VW006034.D
Acq: 11 Oct 2018 17:55

Instrument :
MSVOA_W
ClientSampleId :
OK-02-101118

Tgt Ion:168 Resp: 219775

Ion	Ratio	Lower	Upper
168	100		
99	49.2	40.9	61.3

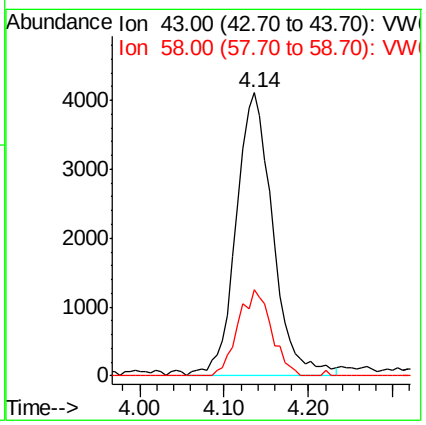


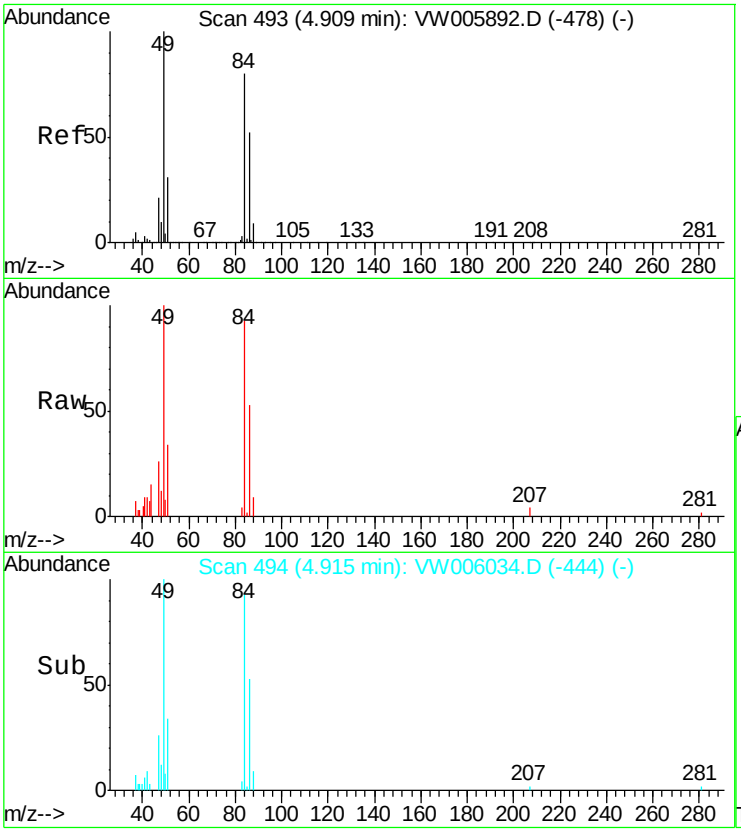


#16
Acetone
Concen: 28.57 ug/l
RT: 4.14 min Scan# 366
Delta R.T. -0.00 min
Lab File: VW006034.D
Acq: 11 Oct 2018 17:55

Tgt Ion: 43 Resp: 12177

Ion	Ratio	Lower	Upper
43	100		
58	30.3	24.7	37.1



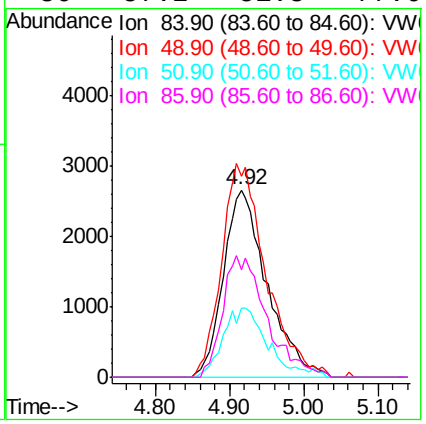


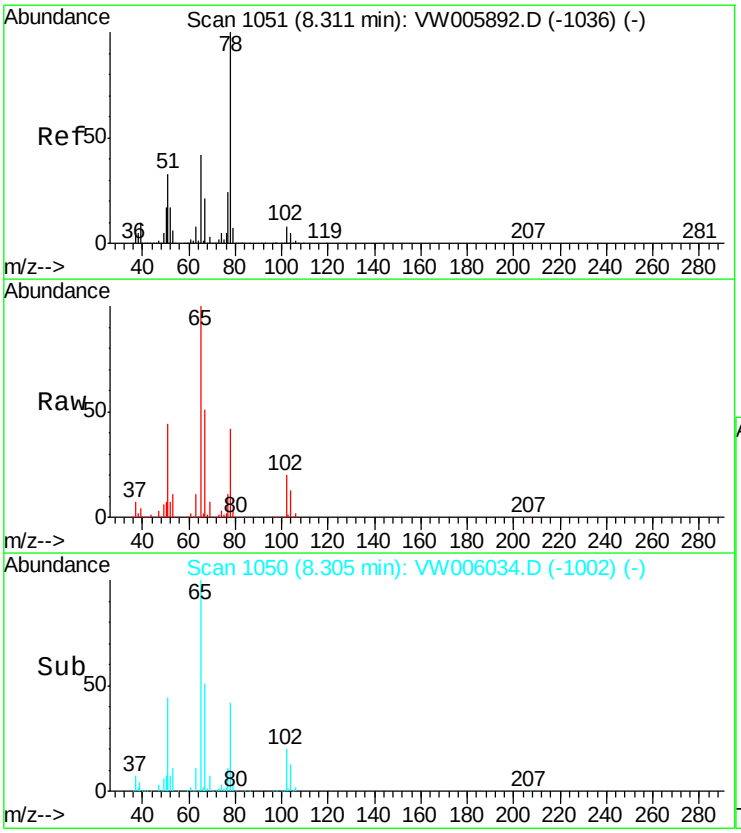
#20
Methylene Chloride
Concen: 5.09 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
Lab File: VW006034.D
Acq: 11 Oct 2018 17:55

Instrument : MSVOA_W
ClientSampleId : OK-02-101118

Tgt Ion: 84 Resp: 10861

Ion	Ratio	Lower	Upper
84	100		
49	107.2	99.9	149.9
51	36.8	31.1	46.7
86	57.2	51.8	77.6

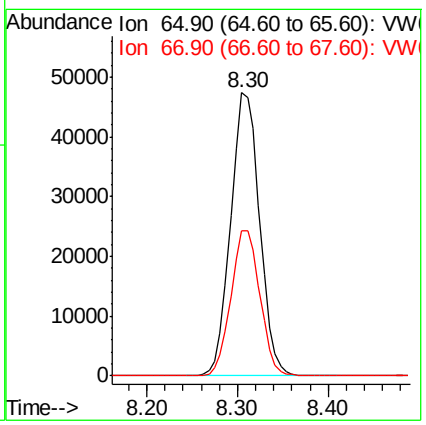


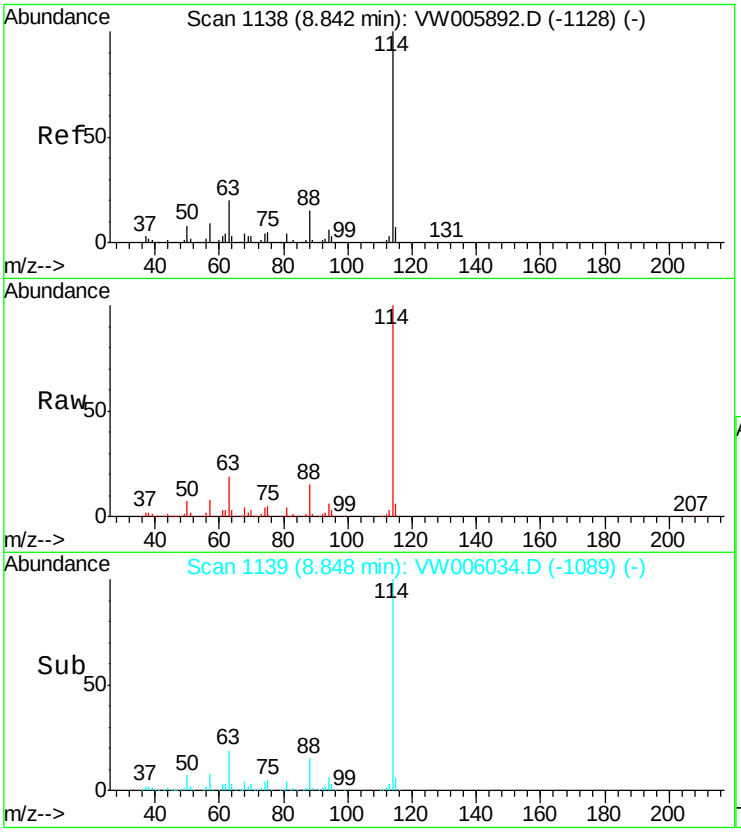


#33
1,2-Dichloroethane-d4
Concen: 49.12 ug/l
RT: 8.30 min Scan# 1050
Delta R.T. -0.01 min
Lab File: VW006034.D
Acq: 11 Oct 2018 17:55

Tgt Ion: 65 Resp: 104788

Ion	Ratio	Lower	Upper
65	100		
67	51.4	0.0	104.6



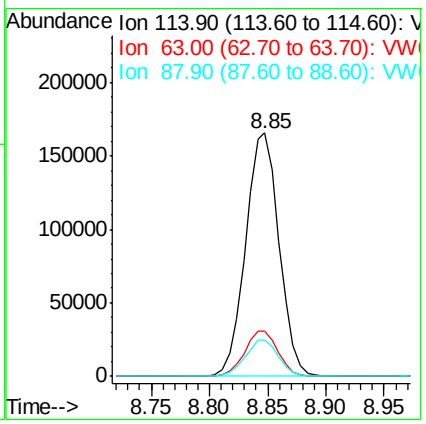


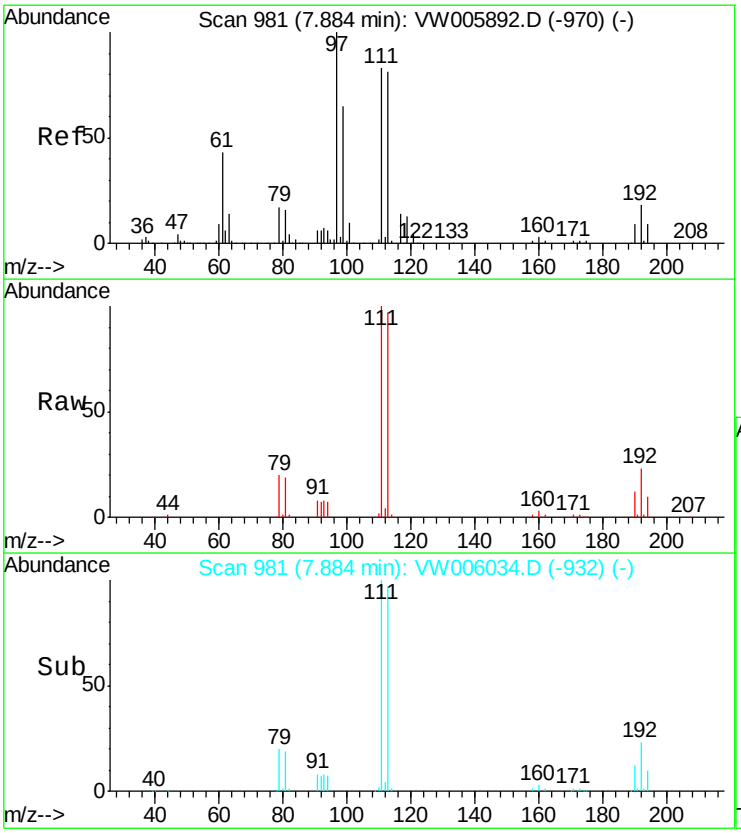
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.85 min Scan# 1139
Delta R.T. 0.01 min
Lab File: VW006034.D
Acq: 11 Oct 2018 17:55

Instrument : MSVOA_W
ClientSampleId : OK-02-101118

Tgt Ion:114 Resp: 331217

Ion	Ratio	Lower	Upper
114	100		
63	18.7	0.0	39.2
88	15.0	0.0	30.8

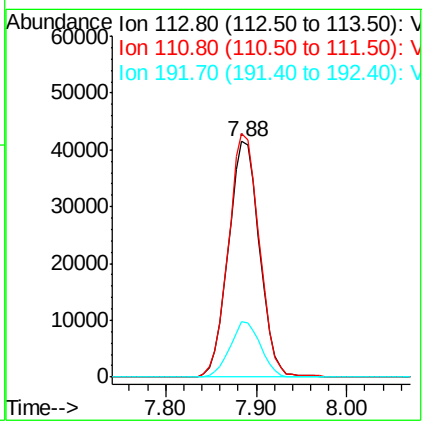


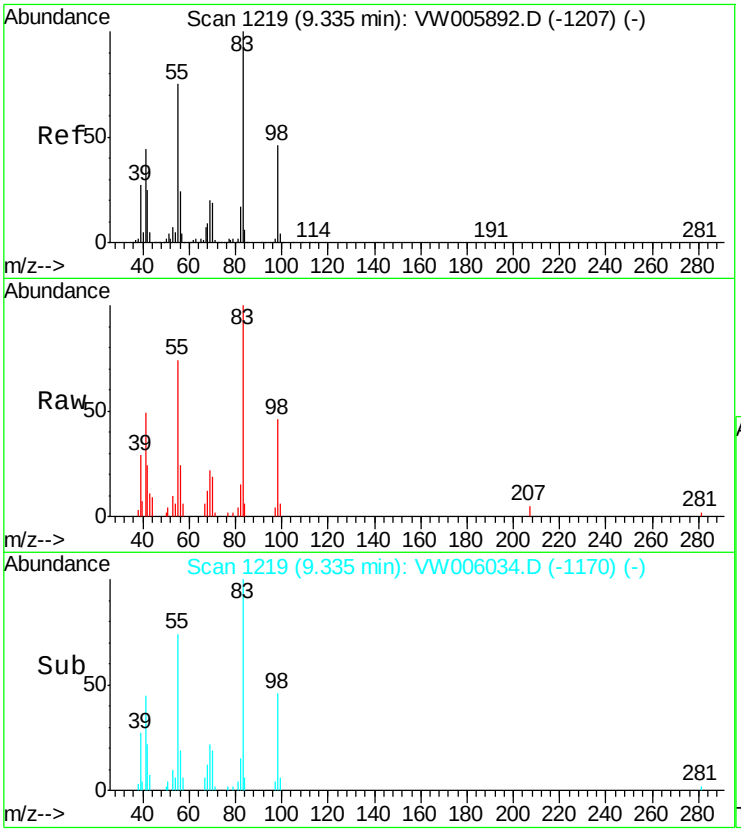


#35
Dibromofluoromethane
Concen: 46.68 ug/l
RT: 7.88 min Scan# 981
Delta R.T. -0.00 min
Lab File: VW006034.D
Acq: 11 Oct 2018 17:55

Tgt Ion:113 Resp: 98707

Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.0	123.0
192	22.9	18.3	27.5



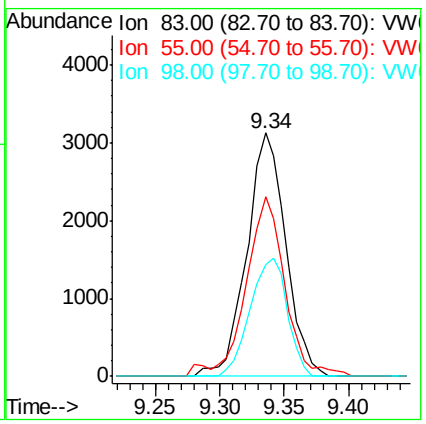


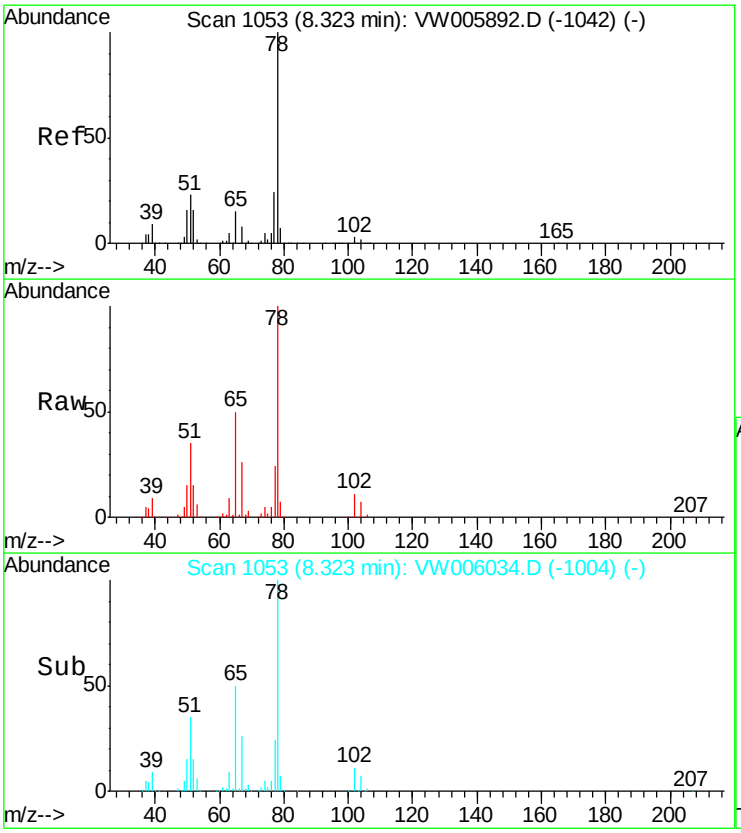
#39
Methylcyclohexane
Concen: 1.56 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW006034.D
Acq: 11 Oct 2018 17:55

Instrument :
MSVOA_W
ClientSampleId :
OK-02-101118

Tgt Ion: 83 Resp: 6514

Ion	Ratio	Lower	Upper
83	100		
55	73.6	59.8	89.6
98	45.9	37.1	55.7

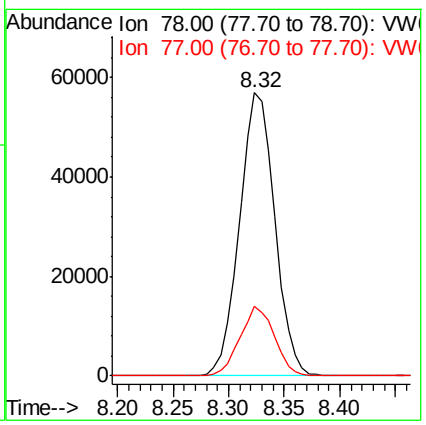


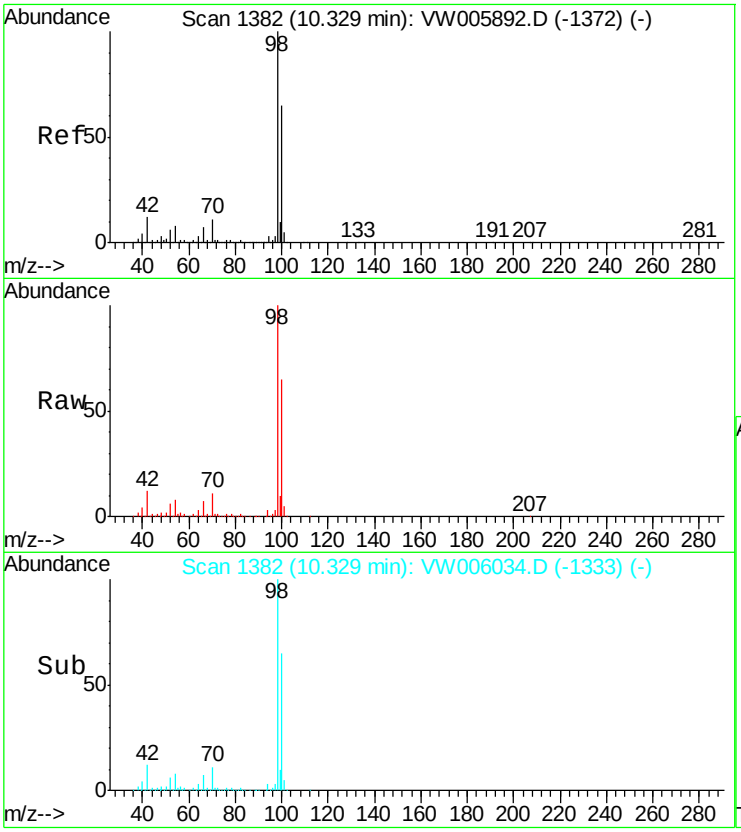


#40
Benzene
Concen: 14.45 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW006034.D
Acq: 11 Oct 2018 17:55

Tgt Ion: 78 Resp: 125535

Ion	Ratio	Lower	Upper
78	100		
77	24.4	19.1	28.7



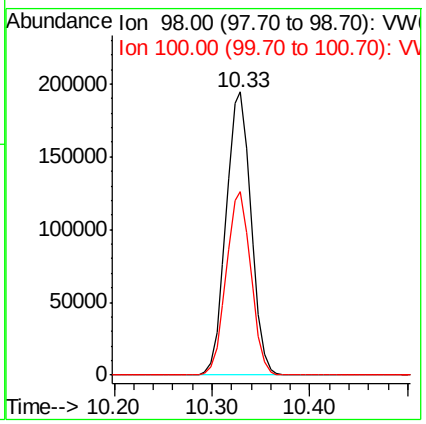


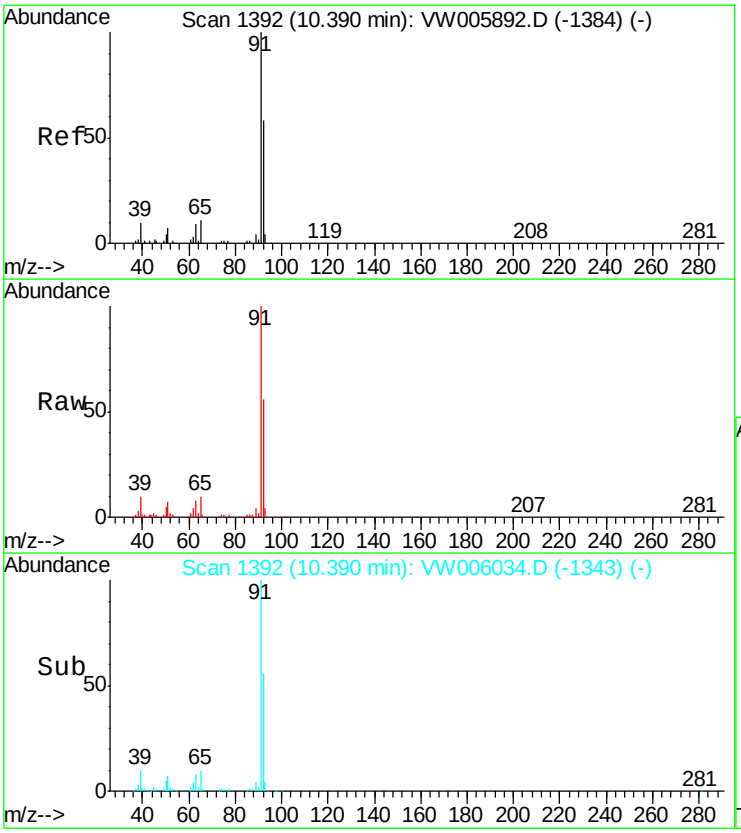
#50
Toluene-d8
Concen: 42.27 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW006034.D
Acq: 11 Oct 2018 17:55

Instrument : MSVOA_W
ClientSampleId : OK-02-101118

Tgt Ion: 98 Resp: 343911

Ion	Ratio	Lower	Upper
98	100		
100	64.2	51.9	77.9

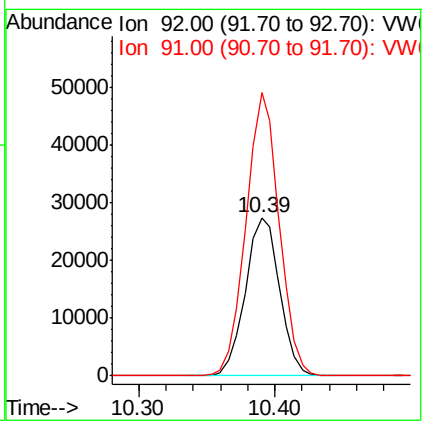


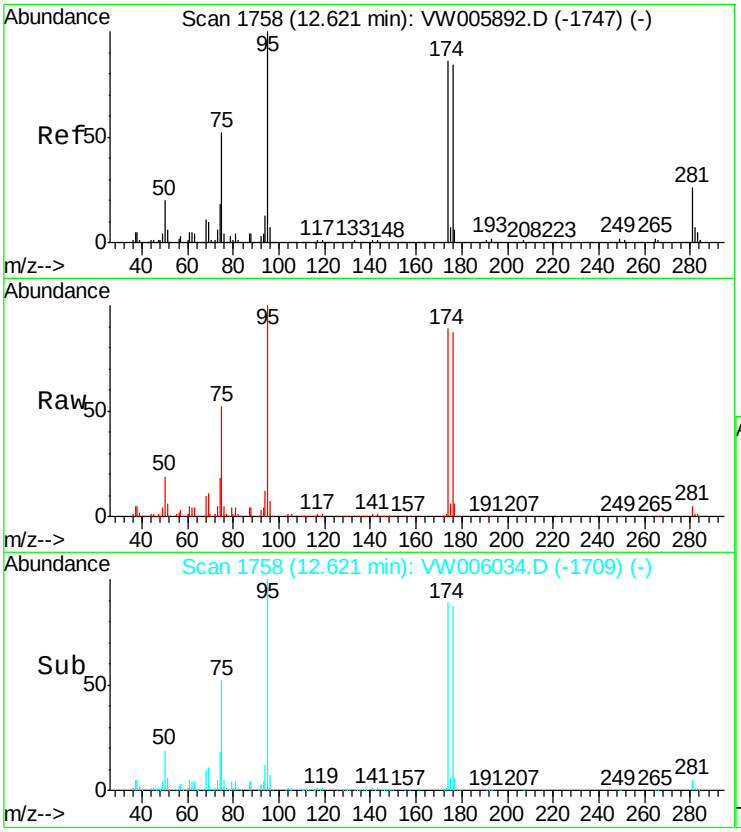


#52
Toluene
Concen: 8.49 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. -0.00 min
Lab File: VW006034.D
Acq: 11 Oct 2018 17:55

Tgt Ion: 92 Resp: 48432

Ion	Ratio	Lower	Upper
92	100		
91	173.1	138.2	207.4



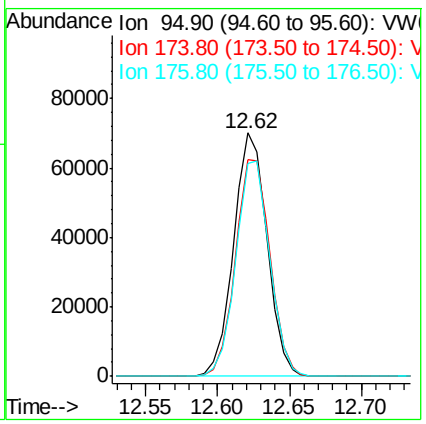


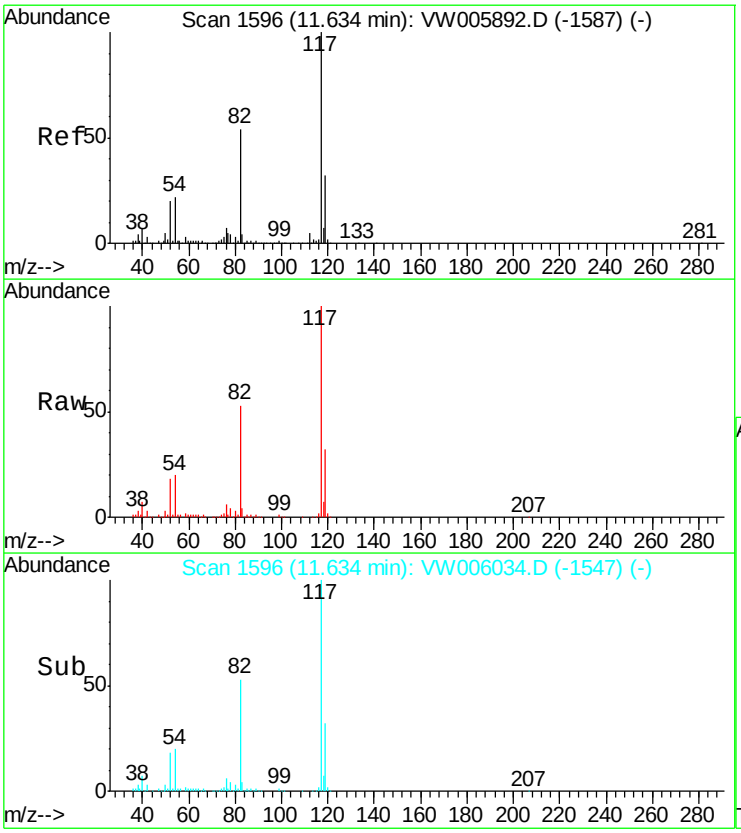
#62
4-Bromofluorobenzene
Concen: 36.54 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW006034.D
Acq: 11 Oct 2018 17:55

Instrument :
MSVOA_W
ClientSampleId :
OK-02-101118

Tgt Ion: 95 Resp: 113101

Ion	Ratio	Lower	Upper
95	100		
174	91.7	0.0	176.4
176	89.0	0.0	173.0

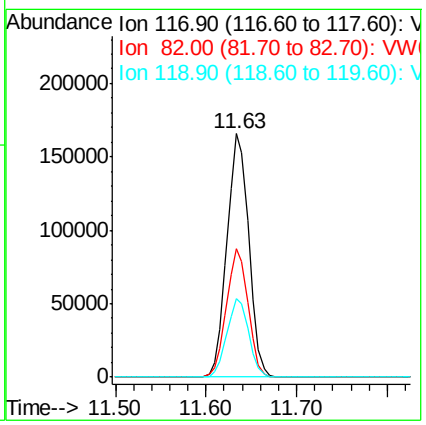


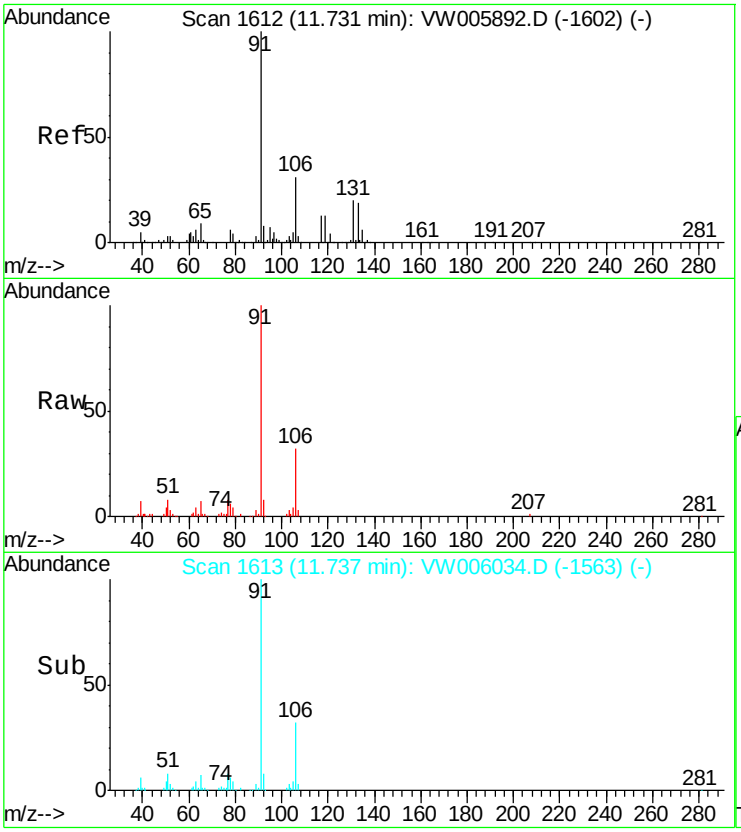


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW006034.D
Acq: 11 Oct 2018 17:55

Tgt Ion:117 Resp: 276165

Ion	Ratio	Lower	Upper
117	100		
82	52.7	43.5	65.3
119	32.4	25.4	38.2



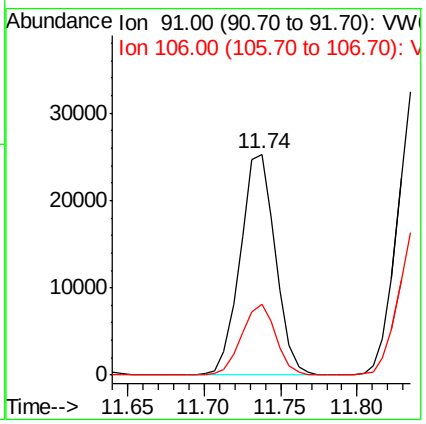


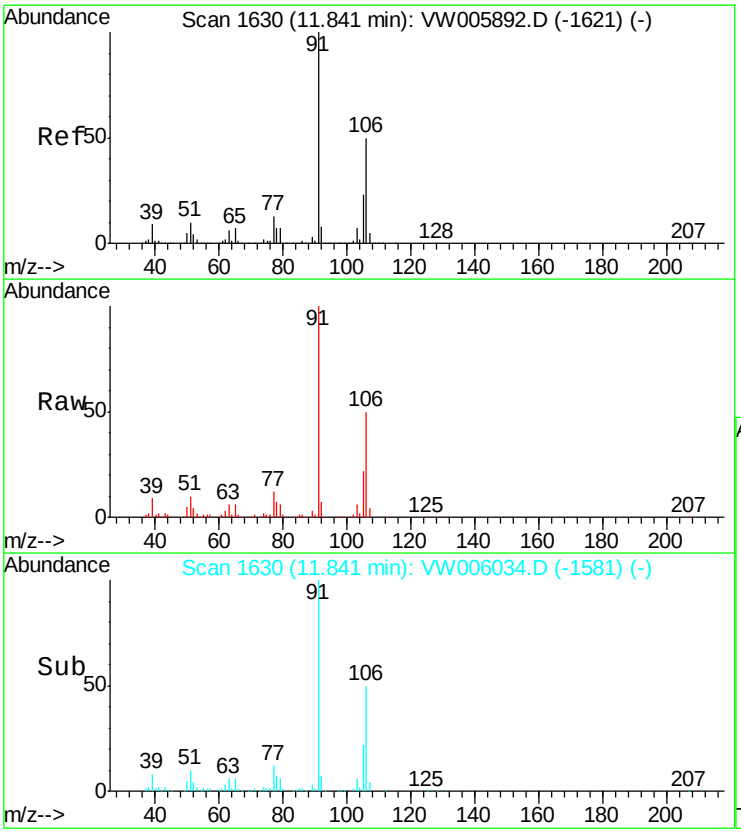
#67
Ethyl Benzene
Concen: 3.86 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.01 min
Lab File: VW006034.D
Acq: 11 Oct 2018 17:55

Instrument : MSVOA_W
ClientSampleId : OK-02-101118

Tgt Ion: 91 Resp: 40297

Ion	Ratio	Lower	Upper
91	100		
106	31.9	25.0	37.6

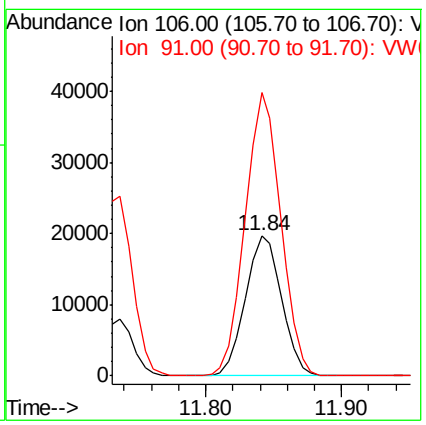


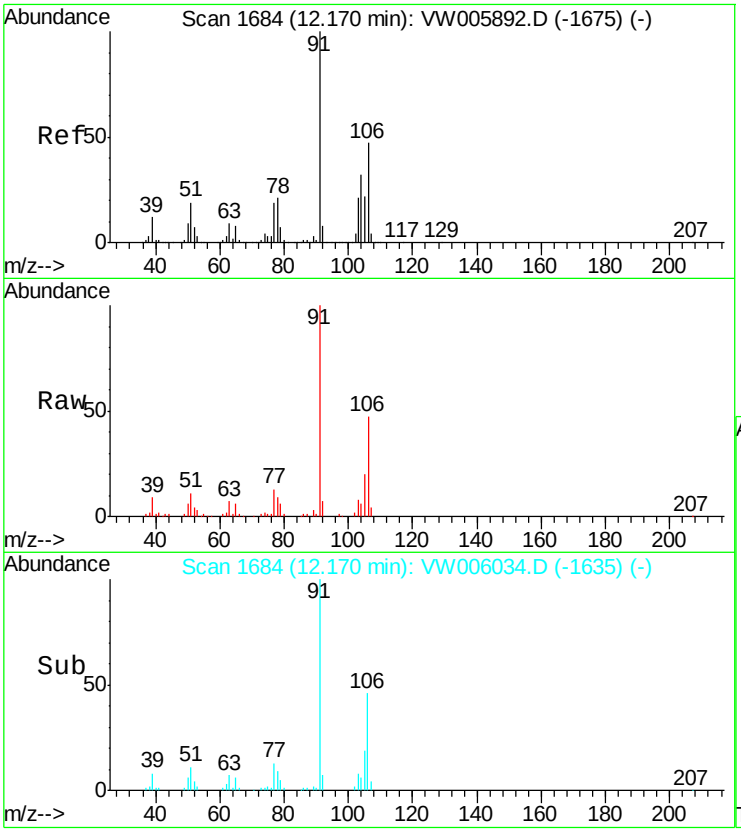


#68
m/p-Xylenes
Concen: 8.98 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW006034.D
Acq: 11 Oct 2018 17:55

Tgt Ion:106 Resp: 36668

Ion	Ratio	Lower	Upper
106	100		
91	199.8	160.2	240.2



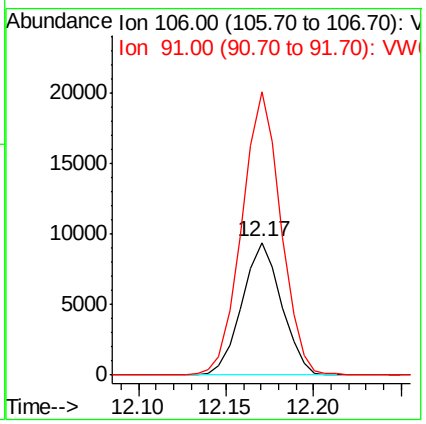


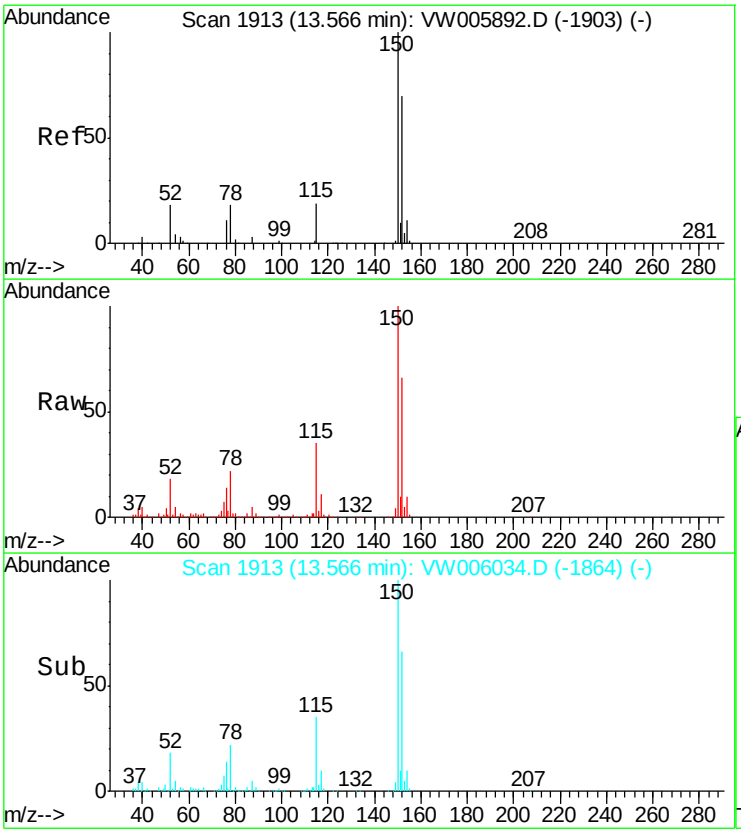
#69
o-Xylene
Concen: 3.78 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW006034.D
Acq: 11 Oct 2018 17:55

Instrument : MSVOA_W
ClientSampleId : OK-02-101118

Tgt Ion:106 Resp: 14763

Ion	Ratio	Lower	Upper
106	100		
91	210.7	106.2	318.5

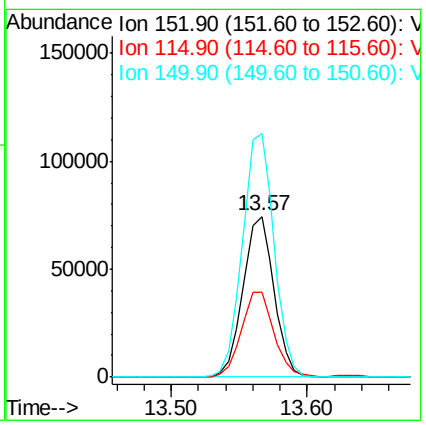


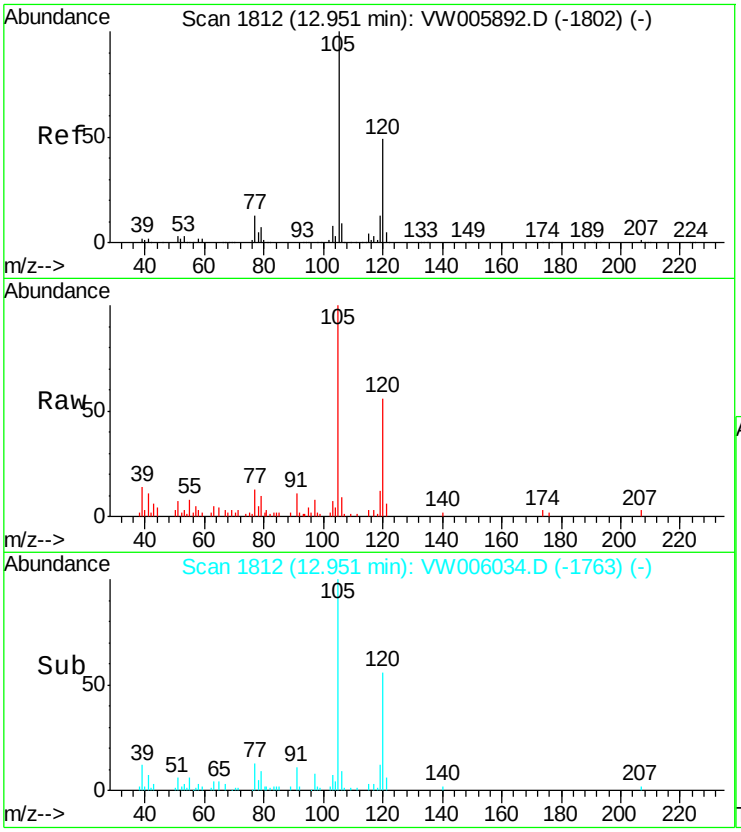


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW006034.D
Acq: 11 Oct 2018 17:55

Tgt Ion:152 Resp: 118471

Ion	Ratio	Lower	Upper
152	100		
115	55.5	28.3	85.0
150	155.2	0.0	349.2



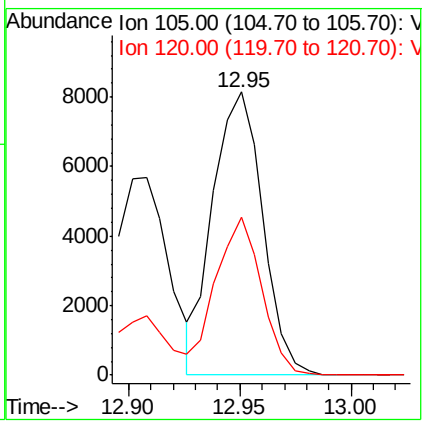


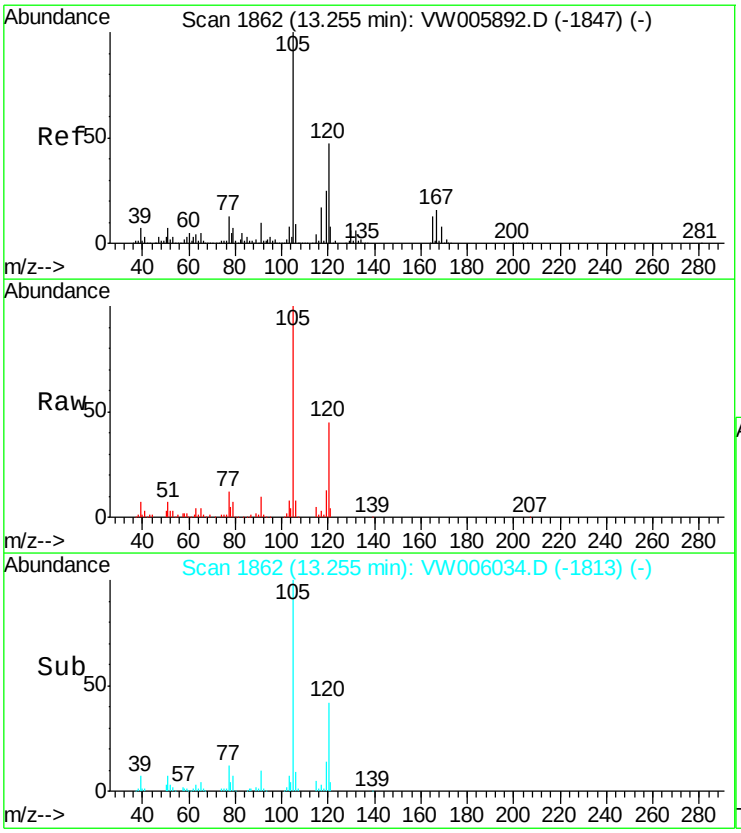
#80
1,3,5-Trimethylbenzene
Concen: 1.73 ug/l
RT: 12.95 min Scan# 1812
Delta R.T. -0.00 min
Lab File: VW006034.D
Acq: 11 Oct 2018 17:55

Instrument :
MSVOA_W
ClientSampleId :
OK-02-101118

Tgt Ion:105 Resp: 12664

Ion	Ratio	Lower	Upper
105	100		
120	51.5	24.6	73.8

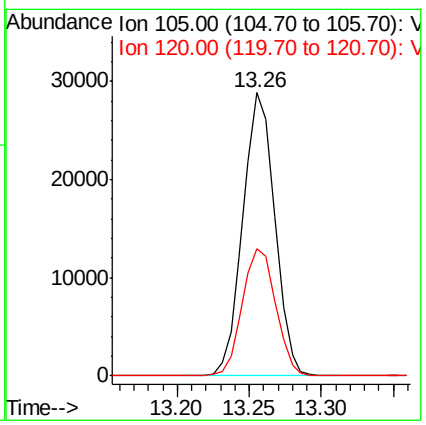


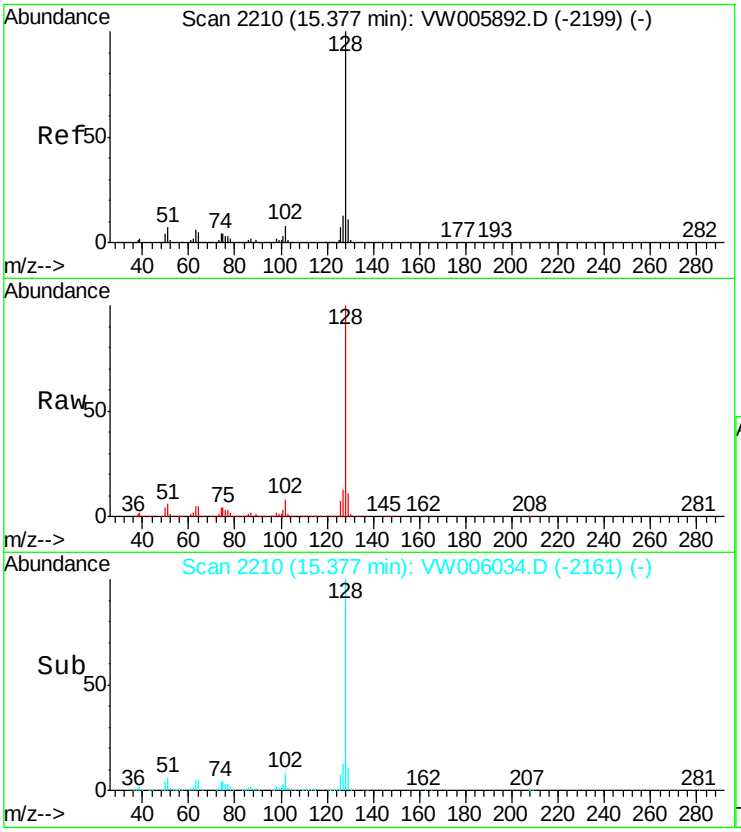


#84
1,2,4-Trimethylbenzene
Concen: 6.01 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. -0.00 min
Lab File: VW006034.D
Acq: 11 Oct 2018 17:55

Tgt Ion:105 Resp: 44275

Ion	Ratio	Lower	Upper
105	100		
120	46.8	22.8	68.3





#95
Naphthalene
Concen: 197.95 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW006034.D
Acq: 11 Oct 2018 17:55

Instrument :
MSVOA_W
ClientSampleId :
OK-02-101118

Tgt Ion:128 Resp: 956529

Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.5	15.7
129	10.9	8.9	13.3