Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW102518\
Data File : VW006335.D
Acq On : 25 Oct 2018 00:36
Operator : SY/AP
Sample : J5622-01
Misc : 5.04G/5ML/MSVOA_W/SOIL
ALS Vial : 33 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : KG-VB-16195RE

Quant Time: Oct 25 07:15:16 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	204422	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	333537	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	169839	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	37354	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	103240	60.92	ug/l	0.00
Spiked Amount 50.000			Recovery = 121.84%			
35) Dibromofluoromethane	7.88	113	105856	53.71	ug/l	0.00
Spiked Amount 50.000			Recovery = 107.42%			
50) Toluene-d8	10.32	98	229198	30.57	ug/l	0.00
Spiked Amount 50.000			Recovery = 61.14%			
62) 4-Bromofluorobenzene	12.62	95	55167	19.59	ug/l	0.00
Spiked Amount 50.000			Recovery = 39.18%			
Target Compounds						Qvalue
16) Acetone	4.15	43	12735	26.839	ug/l	96
17) Carbon Disulfide	4.37	76	6984	1.355	ug/l #	95
20) Methylene Chloride	4.92	84	10984	4.649	ug/l	92
52) Toluene	10.39	92	12329	2.181	ug/l	98
64) Tetrachloroethene	10.87	164	1532	1.162	ug/l	97
68) m/p-Xylenes	11.84	106	8209	3.296	ug/l	97
69) o-Xylene	12.17	106	6227	2.624	ug/l	98
73) Isopropylbenzene	12.47	105	3201	1.213	ug/l	95
78) n-propylbenzene	12.81	91	6913	2.252	ug/l	97
80) 1,3,5-Trimethylbenzene	12.95	105	14536	6.534	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	41372	18.378	ug/l	100
85) sec-Butylbenzene	13.39	105	5988	2.129	ug/l	78
86) p-Isopropyltoluene	13.51	119	63988	25.158	ug/l	100
89) n-Butylbenzene	13.83	91	5645	2.427	ug/l #	81
95) Naphthalene	15.38	128	8363	5.694	ug/l #	89

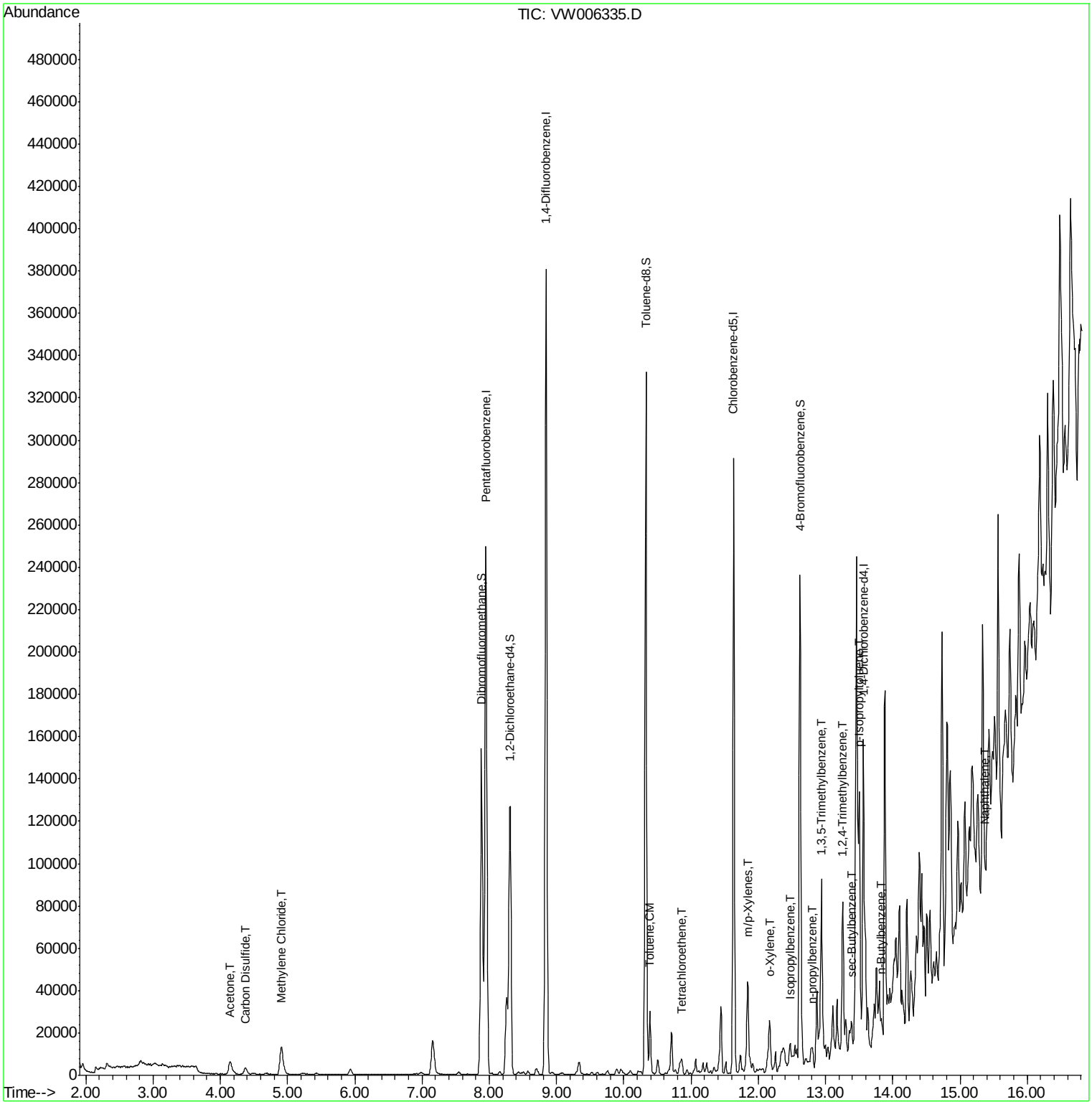
(#) = qualifier out of range (m) = manual integration (+) = signals summed

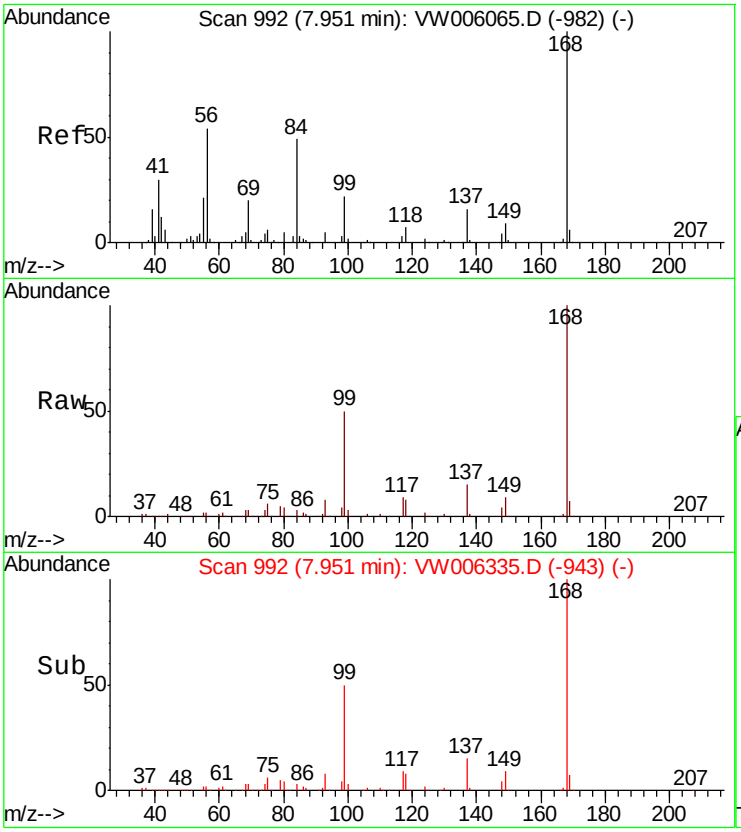
Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102518\
Data File : VW006335.D
Acq On : 25 Oct 2018 00:36
Operator : SY/AP
Sample : J5622-01
Misc : 5.04G/5ML/MSVOA W/SOIL
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
KG-VB-16195RE

Quant Time: Oct 25 07:15:16 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



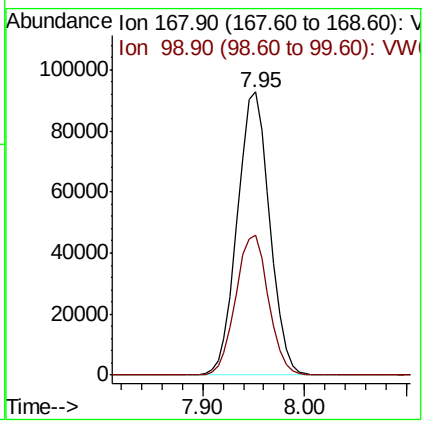


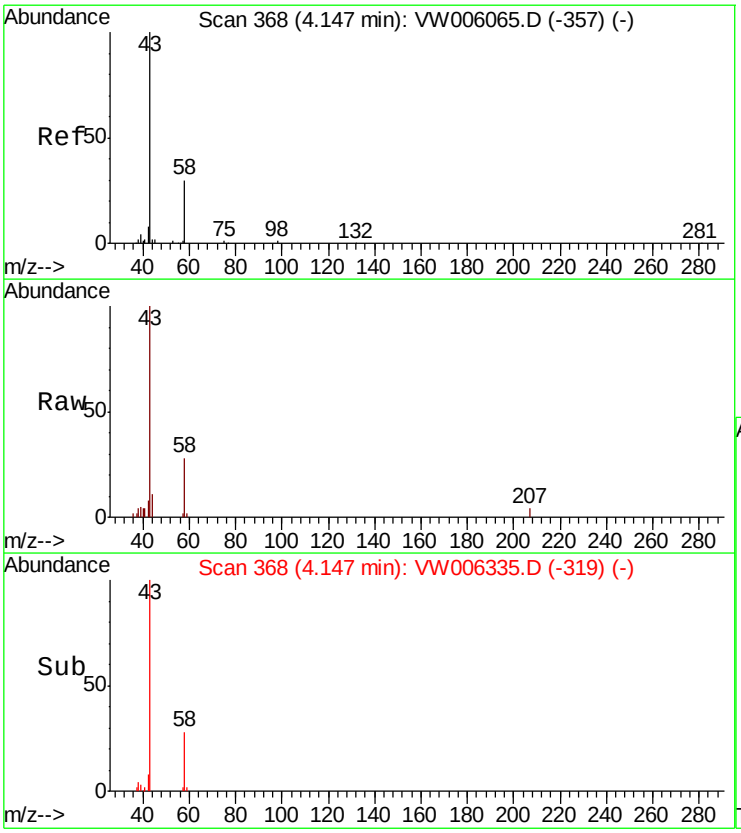
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.00 min
Lab File: VW006335.D
Acq: 25 Oct 2018 00:36

Instrument : MSVOA_W
ClientSampleId : KG-VB-16195RE

Tgt Ion:168 Resp: 204422

Ion	Ratio	Lower	Upper
168	100		
99	49.6	39.9	59.9

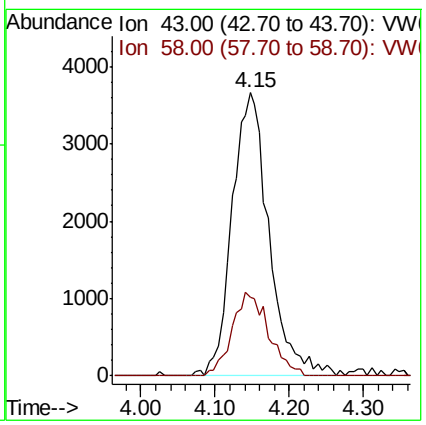


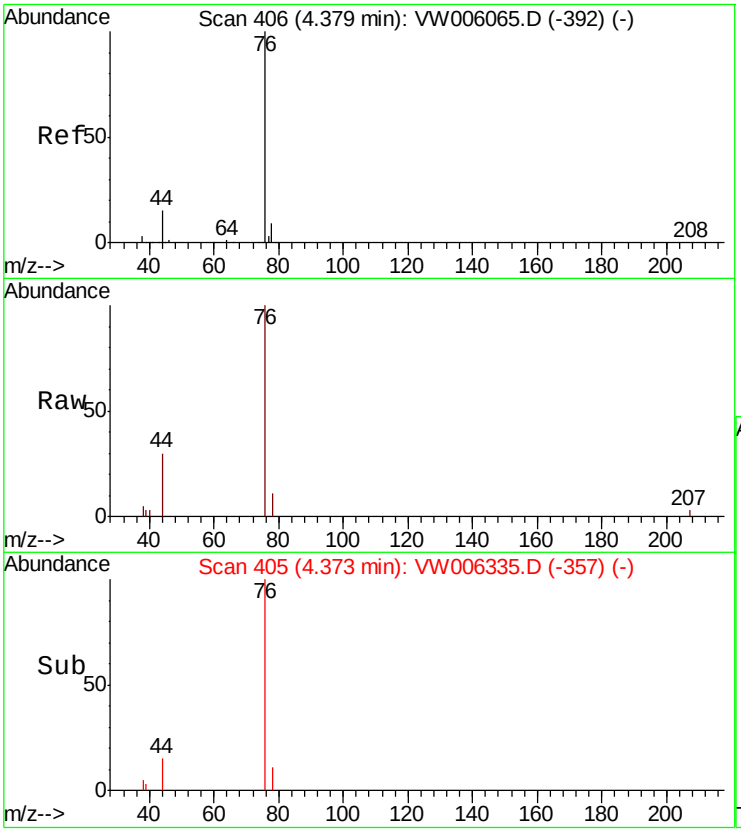


#16
Acetone
Concen: 26.839 ug/l
RT: 4.15 min Scan# 368
Delta R.T. 0.00 min
Lab File: VW006335.D
Acq: 25 Oct 2018 00:36

Tgt Ion: 43 Resp: 12735

Ion	Ratio	Lower	Upper
43	100		
58	27.9	24.0	36.0



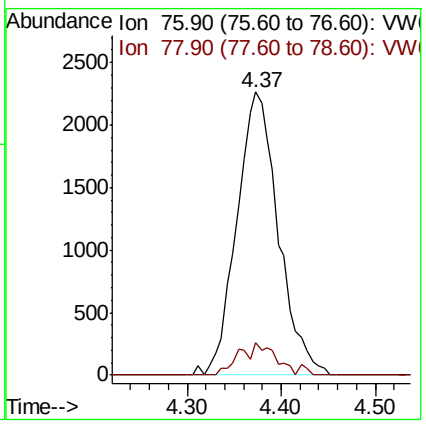


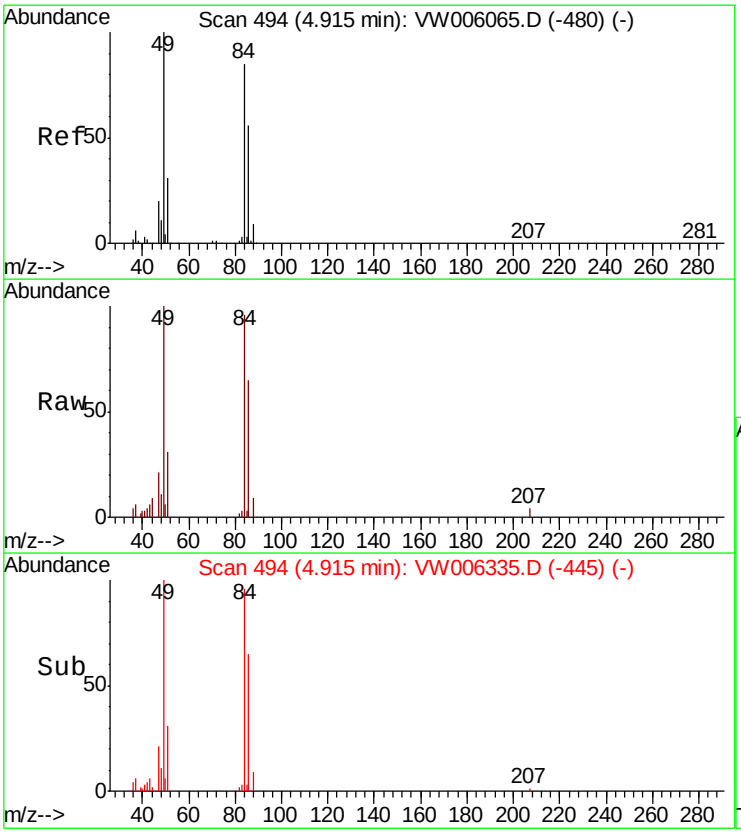
#17
Carbon Disulfide
Concen: 1.355 ug/l
RT: 4.37 min Scan# 405
Delta R.T. -0.01 min
Lab File: VW006335.D
Acq: 25 Oct 2018 00:36

Instrument : MSVOA_W
ClientSampleId : KG-VB-16195RE

Tgt Ion: 76 Resp: 6984

Ion	Ratio	Lower	Upper
76	100		
78	11.4	7.5	11.3#

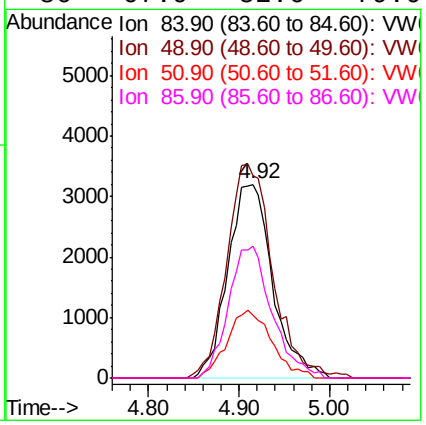


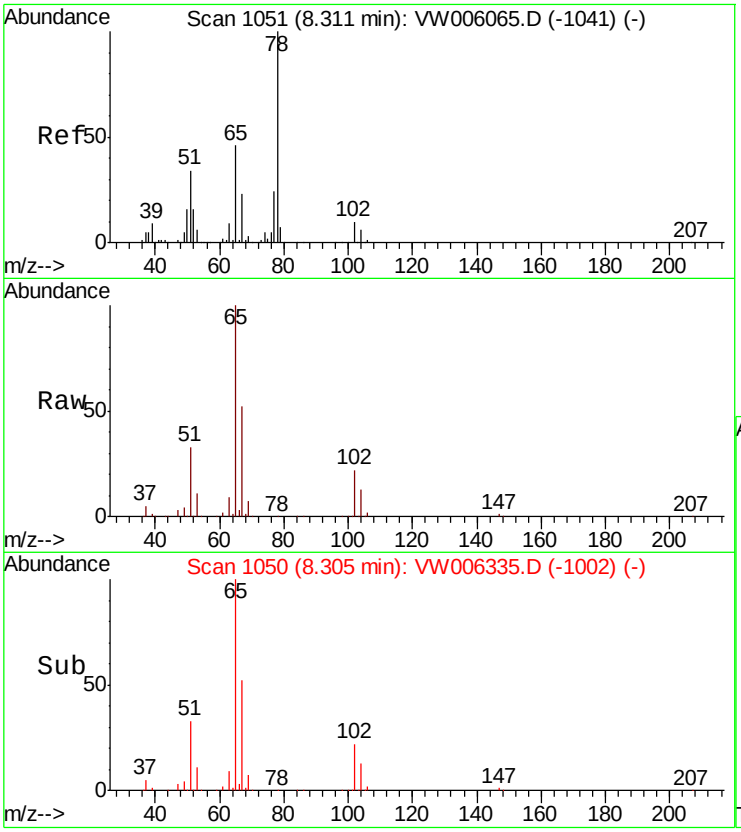


#20
Methylene Chloride
Concen: 4.649 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW006335.D
Acq: 25 Oct 2018 00:36

Tgt Ion: 84 Resp: 10984

Ion	Ratio	Lower	Upper
84	100		
49	104.2	93.6	140.4
51	32.4	29.0	43.4
86	67.9	52.6	79.0



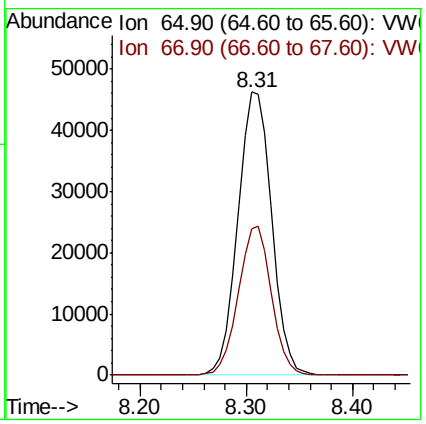


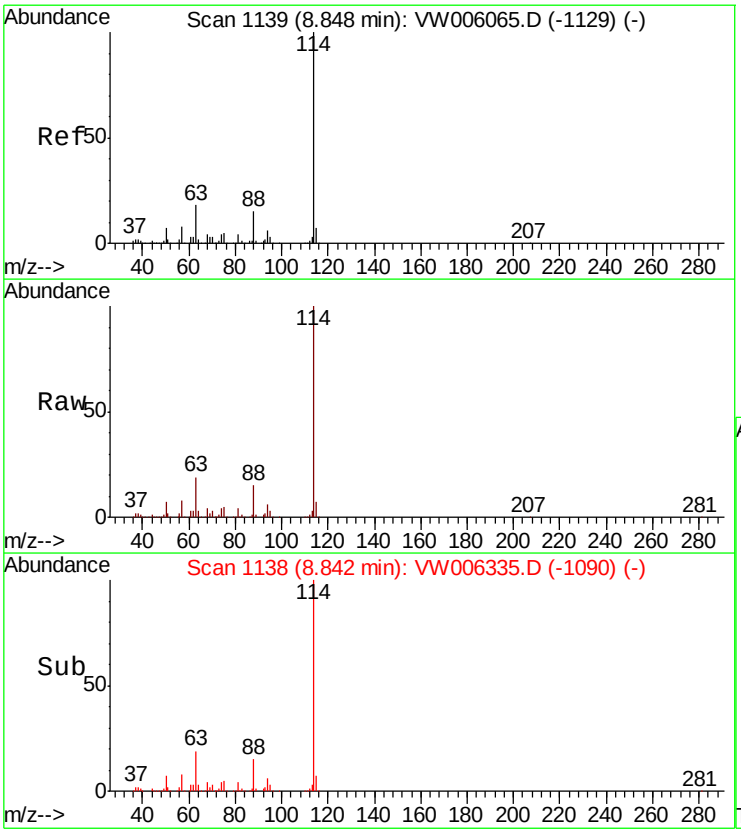
#33
1,2-Dichloroethane-d4
Concen: 60.917 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. -0.01 min
Lab File: VW006335.D
Acq: 25 Oct 2018 00:36

Instrument : MSVOA_W
ClientSampleId : KG-VB-16195RE

Tgt Ion: 65 Resp: 103240

Ion	Ratio	Lower	Upper
65	100		
67	51.6	0.0	101.0

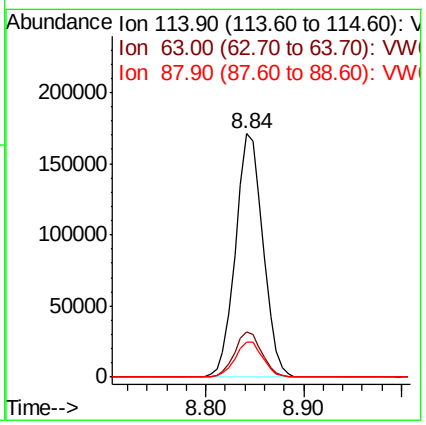


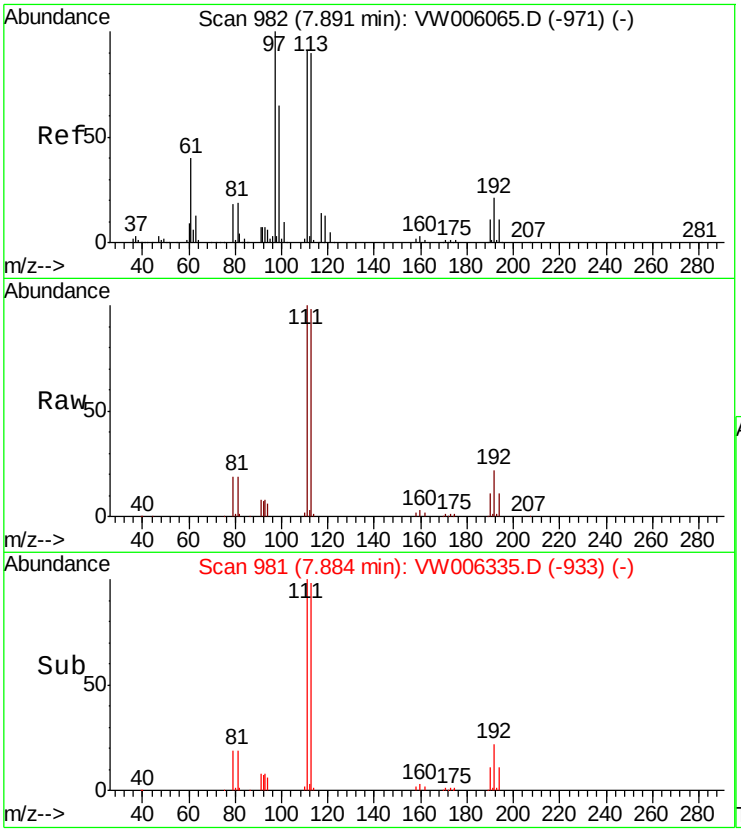


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. -0.01 min
Lab File: VW006335.D
Acq: 25 Oct 2018 00:36

Tgt Ion:114 Resp: 333537

Ion	Ratio	Lower	Upper
114	100		
63	18.6	0.0	36.8
88	14.5	0.0	29.0



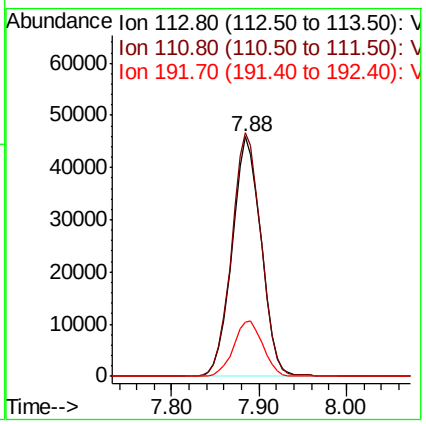


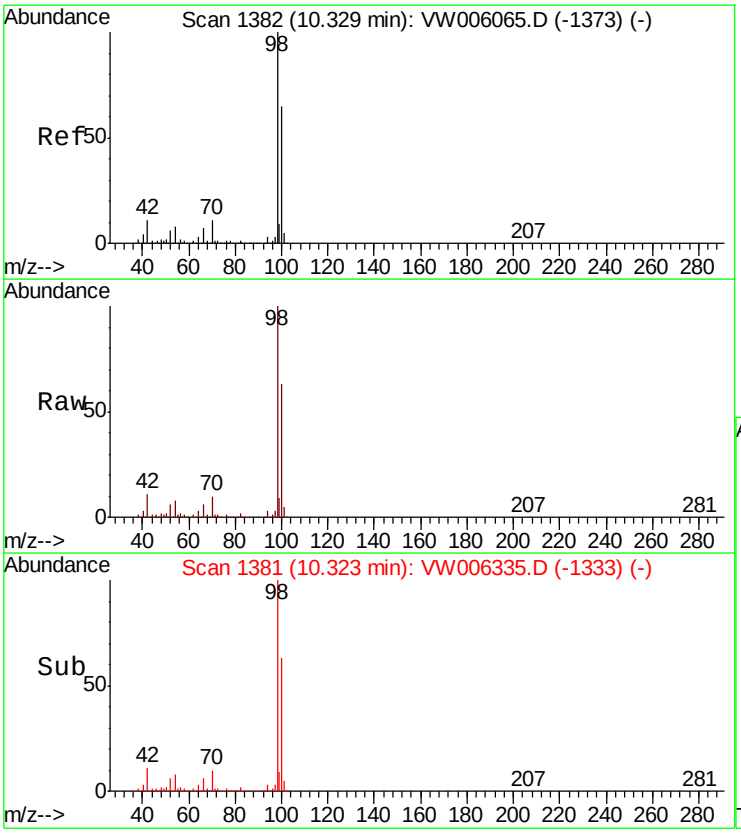
#35
Dibromofluoromethane
Concen: 53.711 ug/l
RT: 7.88 min Scan# 981
Delta R.T. -0.01 min
Lab File: VW006335.D
Acq: 25 Oct 2018 00:36

Instrument :
MSVOA_W
ClientSampleId :
KG-VB-16195RE

Tgt Ion:113 Resp: 105856

Ion	Ratio	Lower	Upper
113	100		
111	102.7	81.4	122.0
192	23.3	18.7	28.1

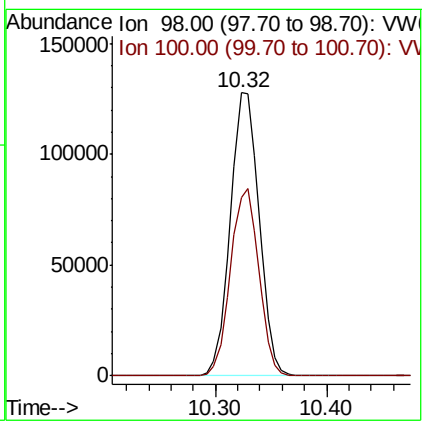


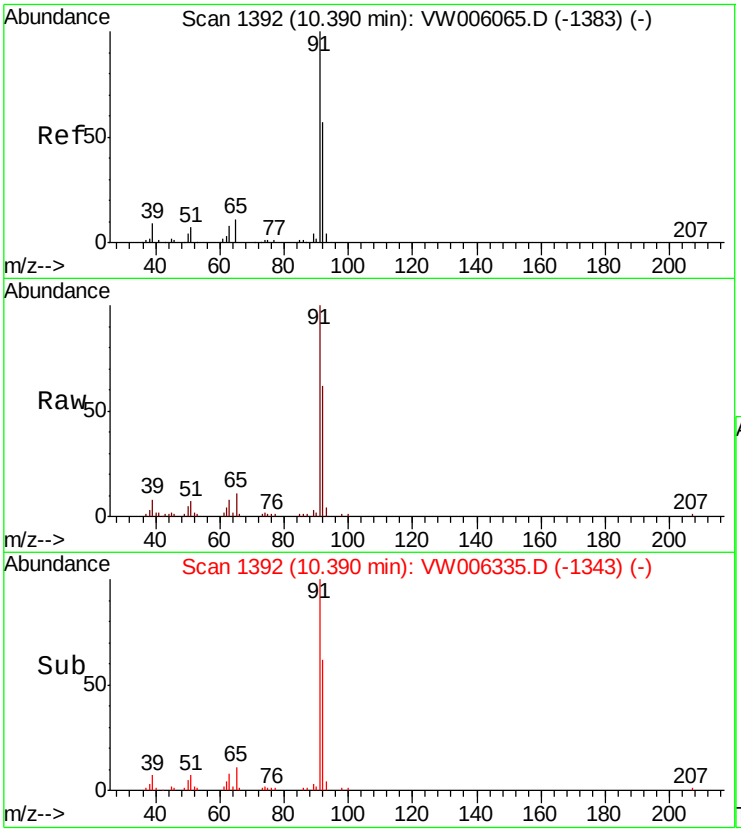


#50
Toluene-d8
Concen: 30.567 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.01 min
Lab File: VW006335.D
Acq: 25 Oct 2018 00:36

Tgt Ion: 98 Resp: 229198

Ion	Ratio	Lower	Upper
98	100		
100	65.1	51.6	77.4



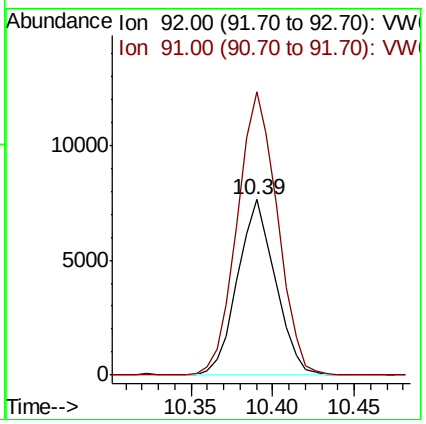


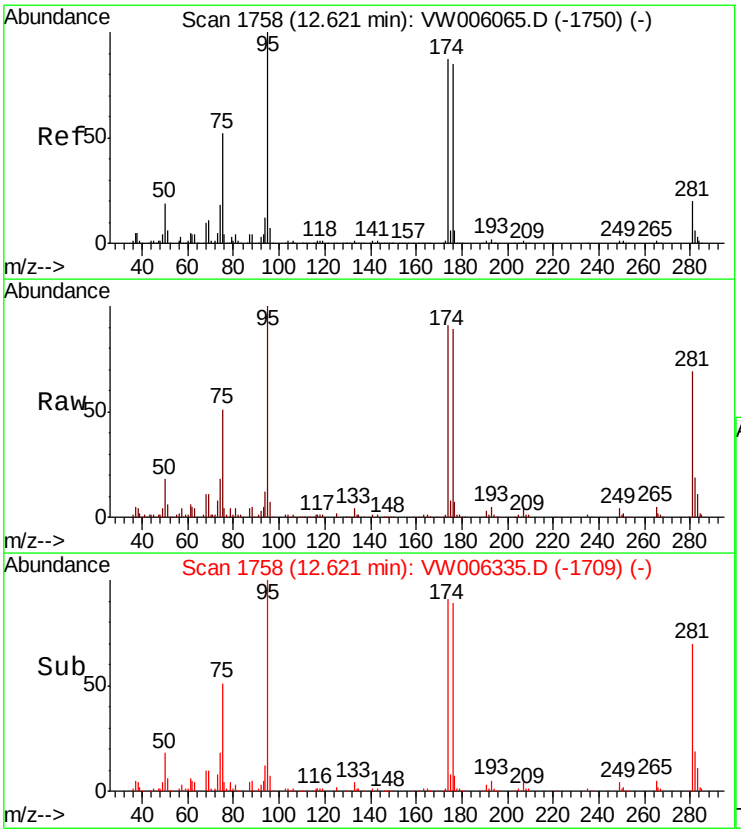
#52
Toluene
Concen: 2.181 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. -0.00 min
Lab File: VW006335.D
Acq: 25 Oct 2018 00:36

Instrument : MSVOA_W
ClientSampleId : KG-VB-16195RE

Tgt Ion: 92 Resp: 12329

Ion	Ratio	Lower	Upper
92	100		
91	171.6	140.0	210.0

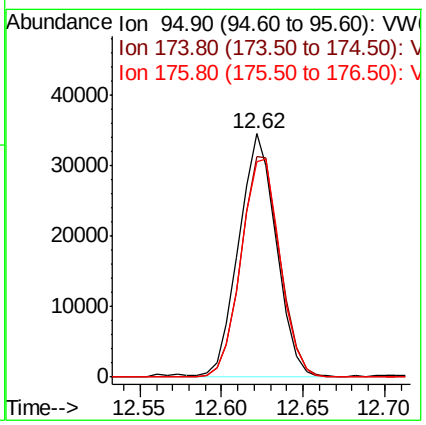


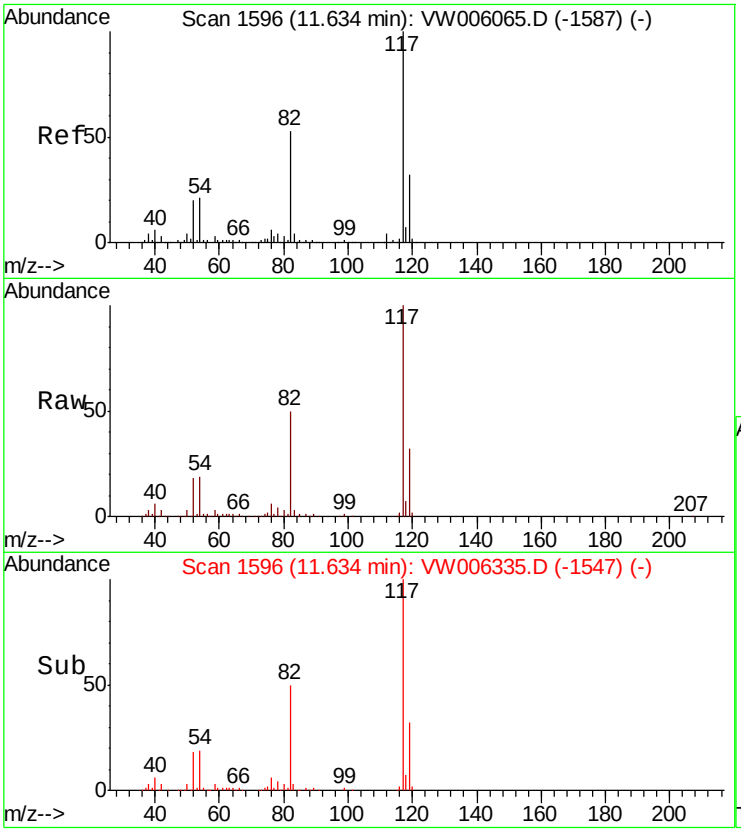


#62
4-Bromofluorobenzene
Concen: 19.589 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW006335.D
Acq: 25 Oct 2018 00:36

Tgt Ion: 95 Resp: 55167

Ion	Ratio	Lower	Upper
95	100		
174	93.8	0.0	186.0
176	93.3	0.0	181.6



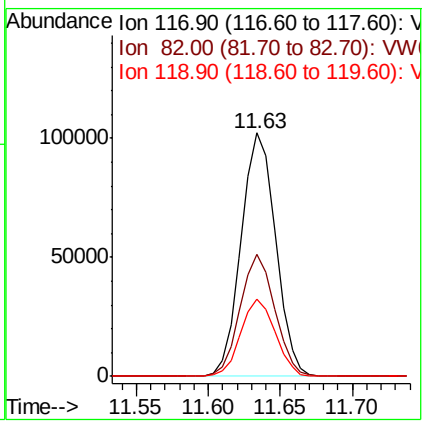


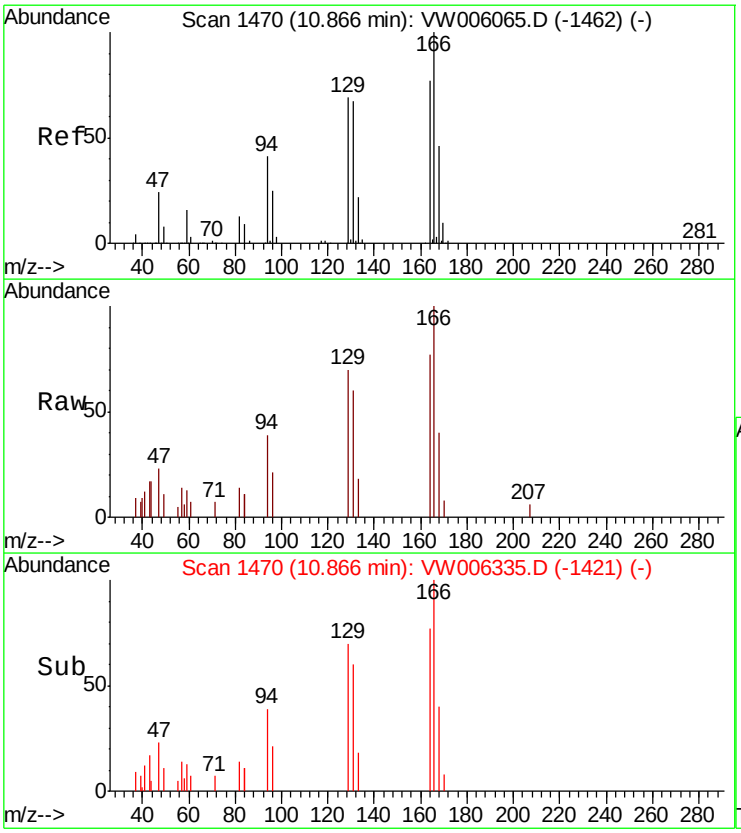
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW006335.D
Acq: 25 Oct 2018 00:36

Instrument :
MSVOA_W
ClientSampleId :
KG-VB-16195RE

Tgt Ion:117 Resp: 169839

Ion	Ratio	Lower	Upper
117	100		
82	49.9	42.1	63.1
119	31.5	25.8	38.6

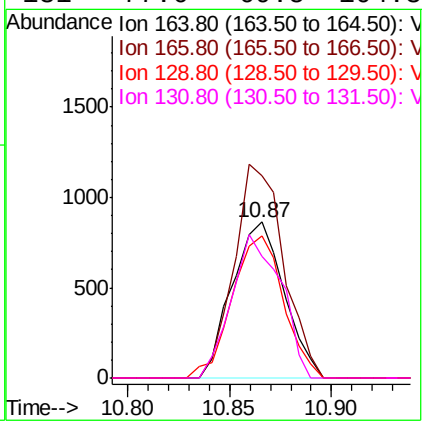


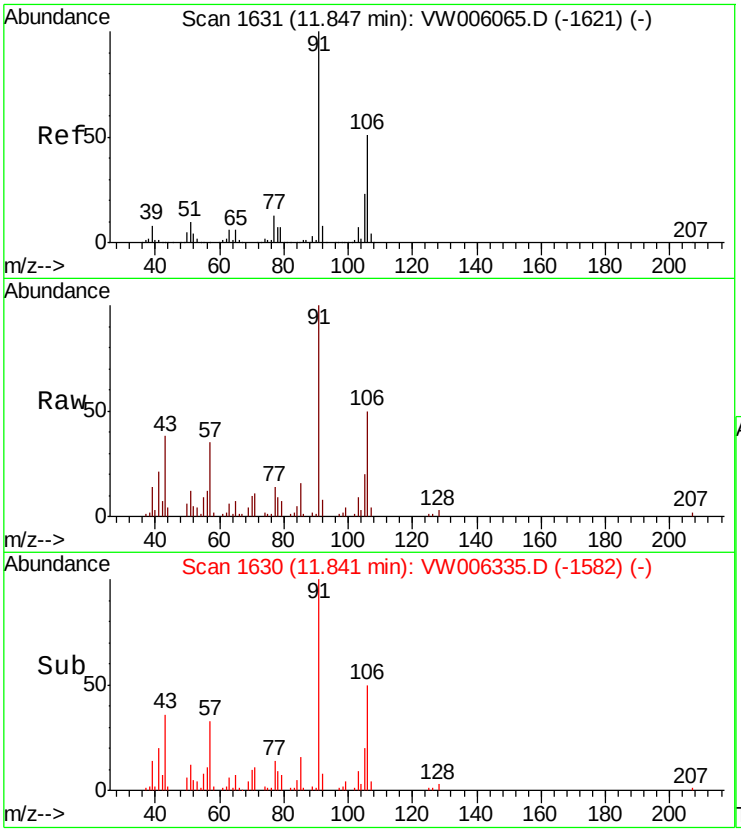


#64
Tetrachloroethene
Concen: 1.162 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW006335.D
Acq: 25 Oct 2018 00:36

Tgt Ion:164 Resp: 1532

Ion	Ratio	Lower	Upper
164	100		
166	129.4	103.4	155.0
129	90.8	71.8	107.8
131	77.6	69.5	104.3



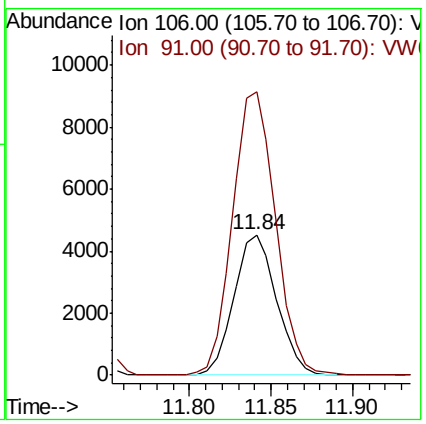


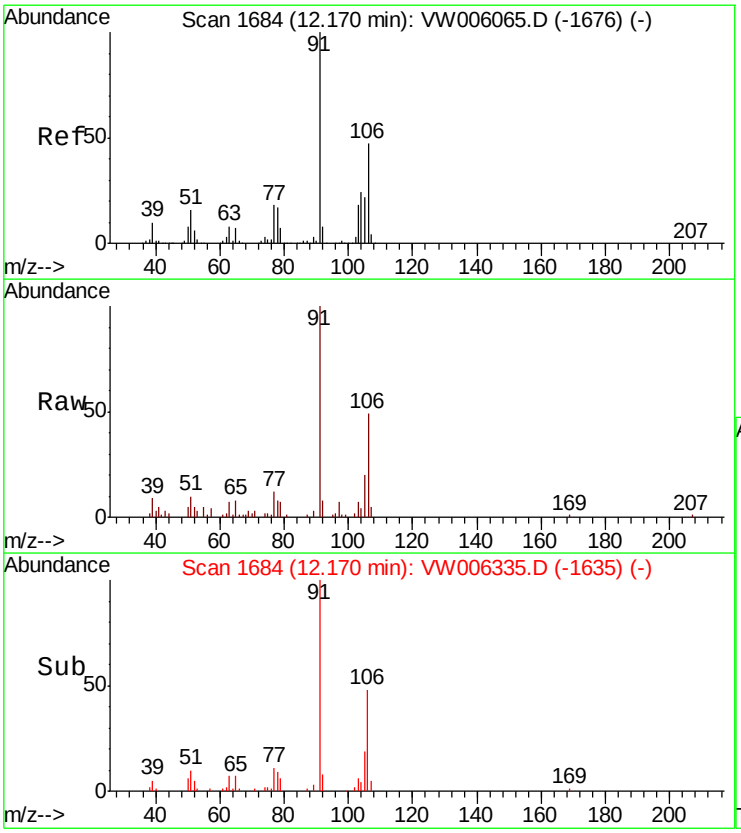
#68
m/p-Xylenes
Concen: 3.296 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.01 min
Lab File: VW006335.D
Acq: 25 Oct 2018 00:36

Instrument :
MSVOA_W
ClientSampleId :
KG-VB-16195RE

Tgt Ion:106 Resp: 8209

Ion	Ratio	Lower	Upper
106	100		
91	203.7	159.1	238.7

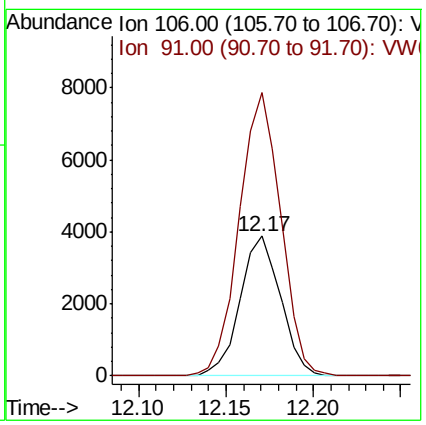


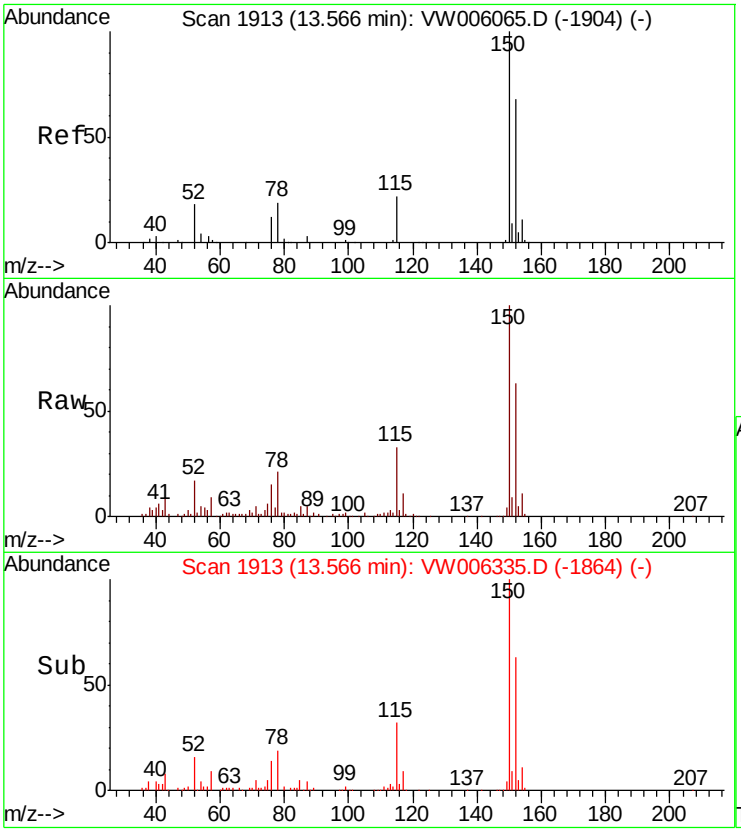


#69
o-Xylene
Concen: 2.624 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW006335.D
Acq: 25 Oct 2018 00:36

Tgt Ion:106 Resp: 6227

Ion	Ratio	Lower	Upper
106	100		
91	208.3	105.4	316.1



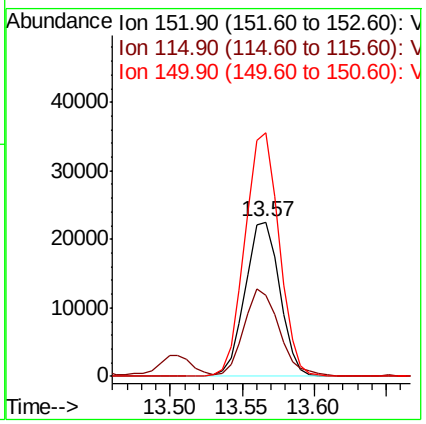


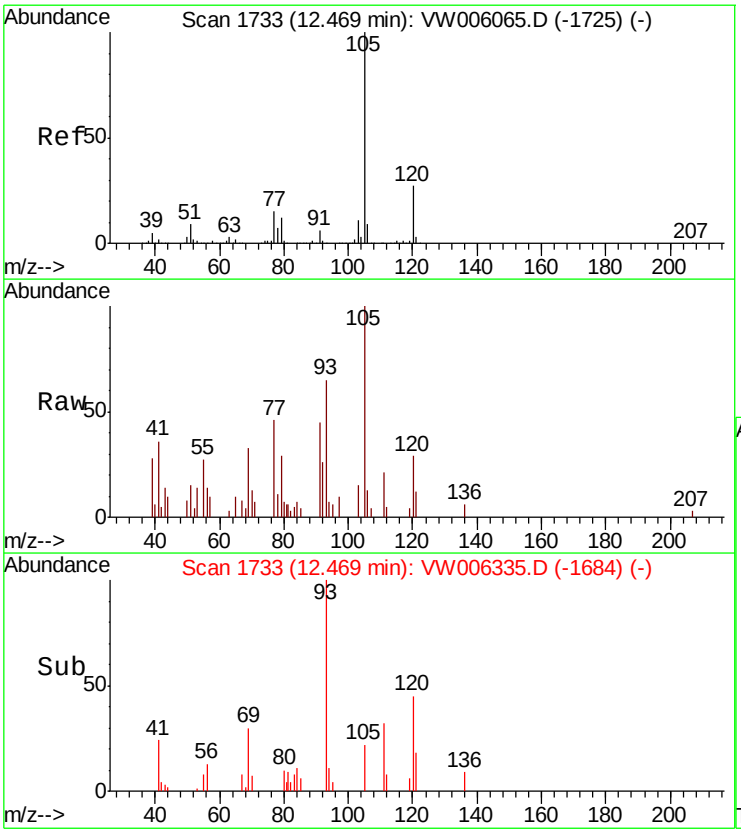
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW006335.D
Acq: 25 Oct 2018 00:36

Instrument : MSVOA_W
ClientSampleId : KG-VB-16195RE

Tgt Ion:152 Resp: 37354

Ion	Ratio	Lower	Upper
152	100		
115	58.3	27.8	83.3
150	155.8	0.0	349.2

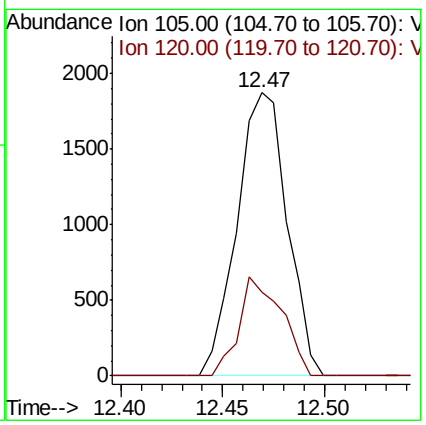


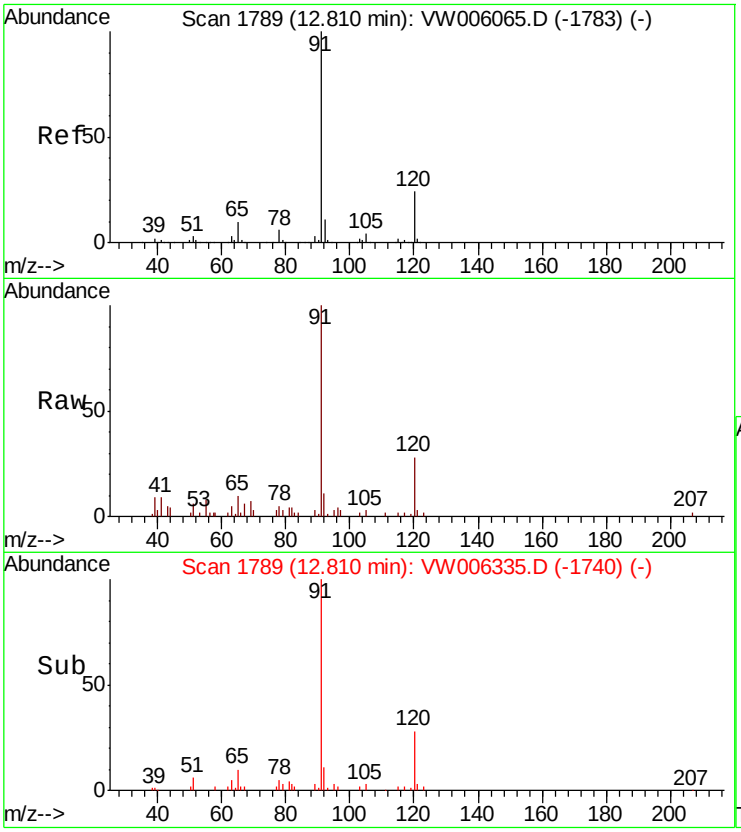


#73
Isopropylbenzene
Concen: 1.213 ug/l
RT: 12.47 min Scan# 1733
Delta R.T. -0.00 min
Lab File: VW006335.D
Acq: 25 Oct 2018 00:36

Tgt Ion:105 Resp: 3201

Ion	Ratio	Lower	Upper
105	100		
120	29.8	13.6	40.7



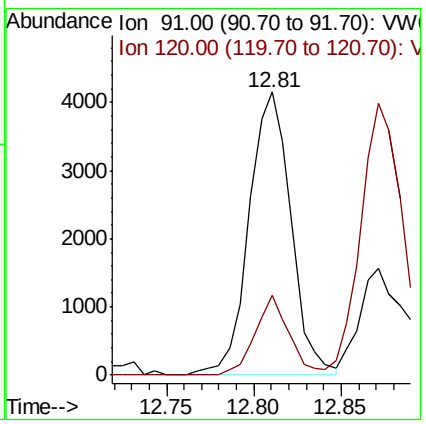


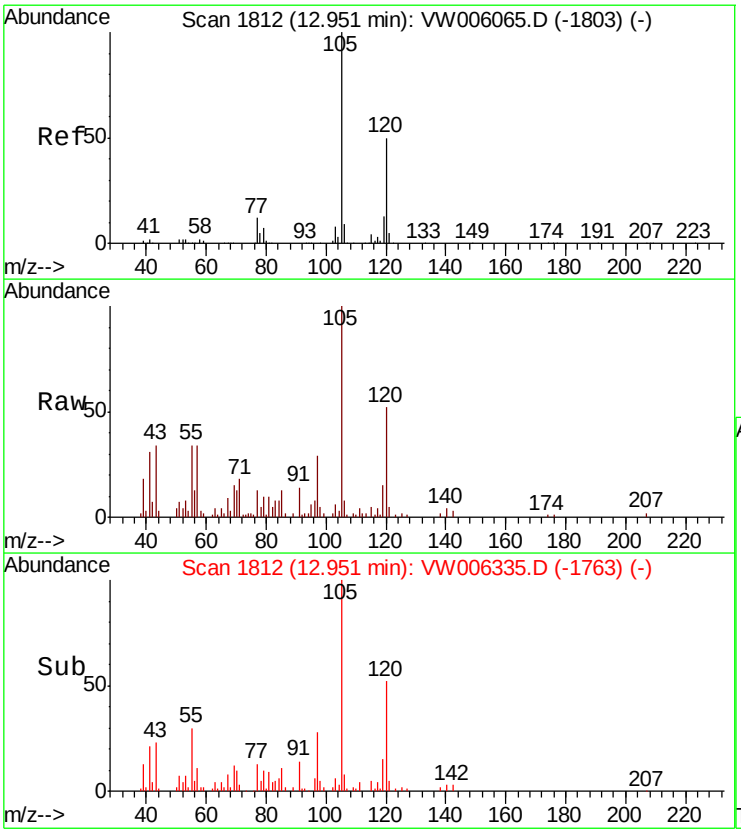
#78
n-propylbenzene
Concen: 2.252 ug/l
RT: 12.81 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VW006335.D
Acq: 25 Oct 2018 00:36

Instrument :
MSVOA_W
ClientSampleId :
KG-VB-16195RE

Tgt Ion: 91 Resp: 6913

Ion	Ratio	Lower	Upper
91	100		
120	23.0	12.2	36.6

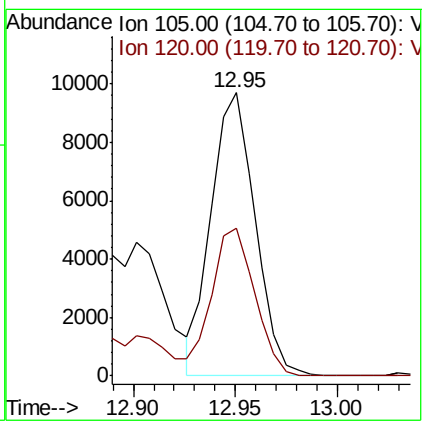


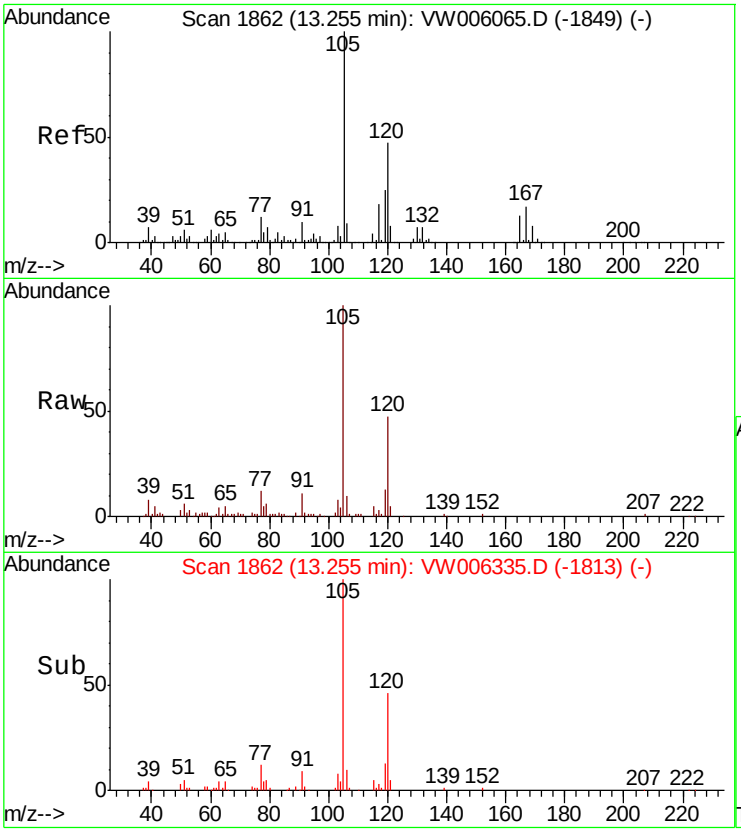


#80
1,3,5-Trimethylbenzene
Concen: 6.534 ug/l
RT: 12.95 min Scan# 1812
Delta R.T. -0.00 min
Lab File: VW006335.D
Acq: 25 Oct 2018 00:36

Tgt Ion:105 Resp: 14536

Ion	Ratio	Lower	Upper
105	100		
120	51.1	24.9	74.6



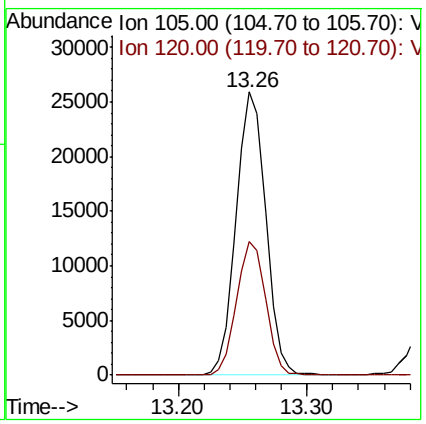


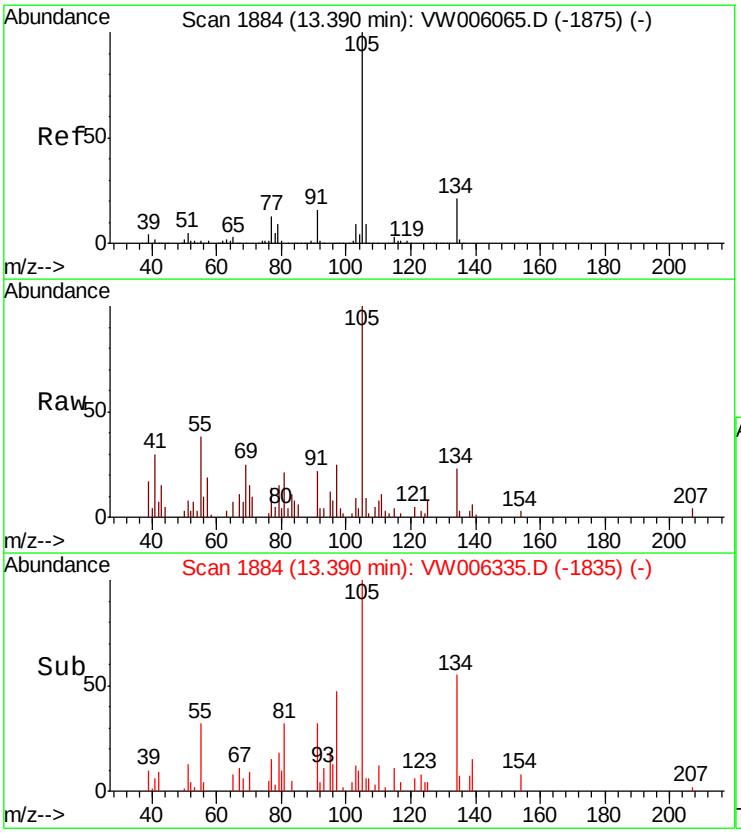
#84
1,2,4-Trimethylbenzene
Concen: 18.378 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. -0.00 min
Lab File: VW006335.D
Acq: 25 Oct 2018 00:36

Instrument :
MSVOA_W
ClientSampleId :
KG-VB-16195RE

Tgt Ion:105 Resp: 41372

Ion	Ratio	Lower	Upper
105	100		
120	46.2	23.1	69.3

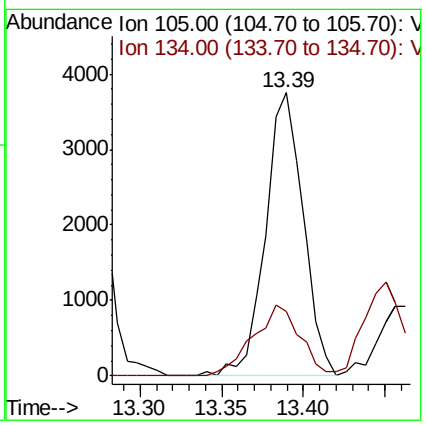


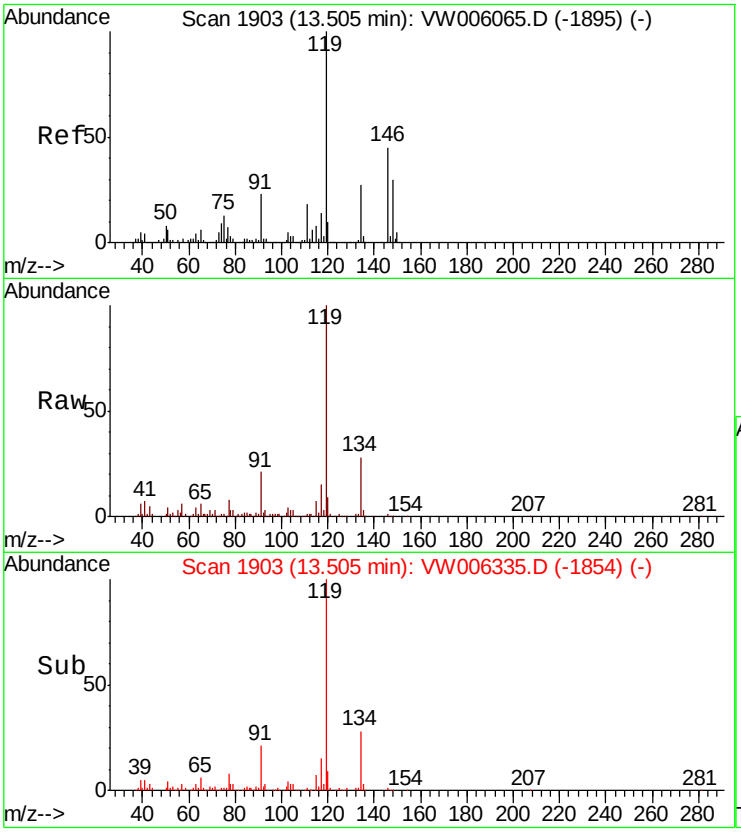


#85
sec-Butylbenzene
Concen: 2.129 ug/l
RT: 13.39 min Scan# 1884
Delta R.T. -0.00 min
Lab File: VW006335.D
Acq: 25 Oct 2018 00:36

Tgt Ion:105 Resp: 5988

Ion	Ratio	Lower	Upper
105	100		
134	31.4	10.5	31.6



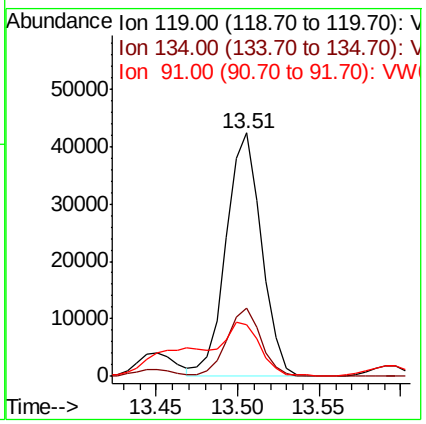


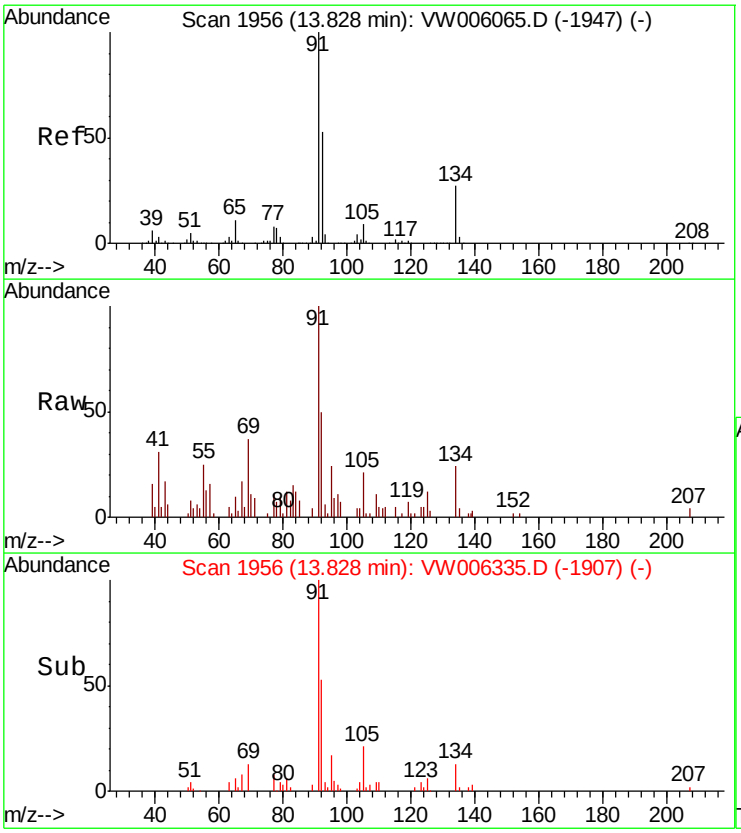
#86
p-Isopropyltoluene
Concen: 25.158 ug/l
RT: 13.51 min Scan# 1903
Delta R.T. -0.00 min
Lab File: VW006335.D
Acq: 25 Oct 2018 00:36

Instrument : MSVOA_W
ClientSampleId : KG-VB-16195RE

Tgt Ion:119 Resp: 63988

Ion	Ratio	Lower	Upper
119	100		
134	26.9	13.4	40.2
91	23.1	11.4	34.1

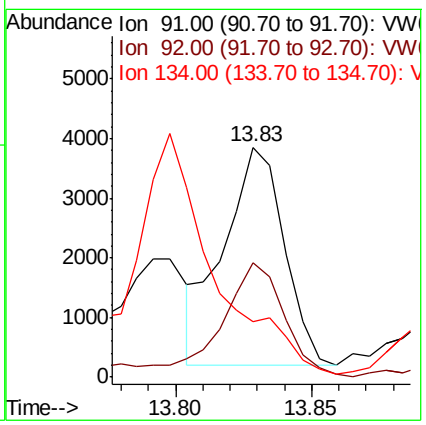


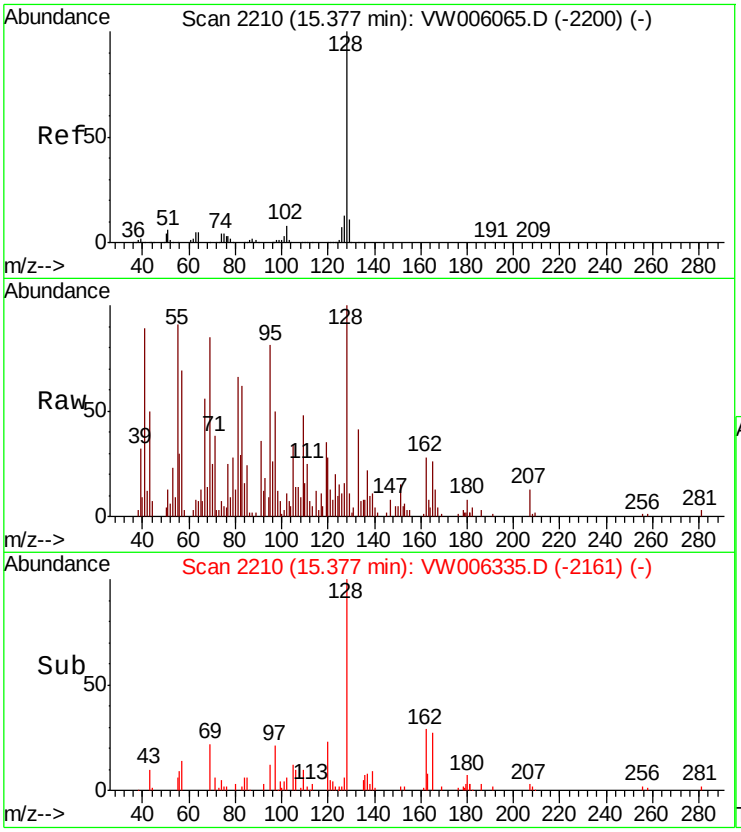


#89
n-Butylbenzene
Concen: 2.427 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. -0.00 min
Lab File: VW006335.D
Acq: 25 Oct 2018 00:36

Tgt Ion: 91 Resp: 5645

Ion	Ratio	Lower	Upper
91	100		
92	53.8	26.6	79.7
134	0.0	14.0	41.9#





#95
Naphthalene
Concen: 5.694 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW006335.D
Acq: 25 Oct 2018 00:36

Instrument :
MSVOA_W
ClientSampleId :
KG-VB-16195RE

Tgt Ion:128 Resp: 8363

Ion	Ratio	Lower	Upper
128	100		
127	8.4	10.3	15.5#
129	6.5	8.7	13.1#