Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW102918\
Data File : VW006427.D
Acq On : 27 Oct 2018 03:07
Operator : SY/AP
Sample : J5515-03RE
Misc : 6.15G/5ML/MSVOA_W/SOIL
ALS Vial : 35 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : AOC1-03ARE

Quant Time: Oct 27 05:34:05 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	188474	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	304248	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	265153	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	105824	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	97515	62.41	ug/l	0.00
Spiked Amount 50.000			Recovery = 124.82%			
35) Dibromofluoromethane	7.88	113	92927	51.69	ug/l	0.00
Spiked Amount 50.000			Recovery = 103.38%			
50) Toluene-d8	10.33	98	337270	49.31	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.62%			
62) 4-Bromofluorobenzene	12.62	95	125660	48.92	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.84%			
Target Compounds						Qvalue
16) Acetone	4.14	43	15607	40.855	ug/l	96
20) Methylene Chloride	4.91	84	9514	4.266	ug/l #	86
31) Cyclohexane	7.95	56	257798	90.162	ug/l	98
39) Methylcyclohexane	9.34	83	469757	126.018	ug/l	97
40) Benzene	8.32	78	78983	10.268	ug/l	97
52) Toluene	10.39	92	5943	1.152	ug/l	98
67) Ethyl Benzene	11.74	91	42653	4.336	ug/l	95
68) m/p-Xylenes	11.85	106	32791	8.434	ug/l	98
69) o-Xylene	12.17	106	8034	2.168	ug/l	92
73) Isopropylbenzene	12.47	105	727886	97.361	ug/l	100
78) n-propylbenzene	12.81	91	1924344	221.243	ug/l	99
85) sec-Butylbenzene	13.39	105	257955	32.381	ug/l #	59
89) n-Butylbenzene	13.83	91	335803	50.959	ug/l #	80

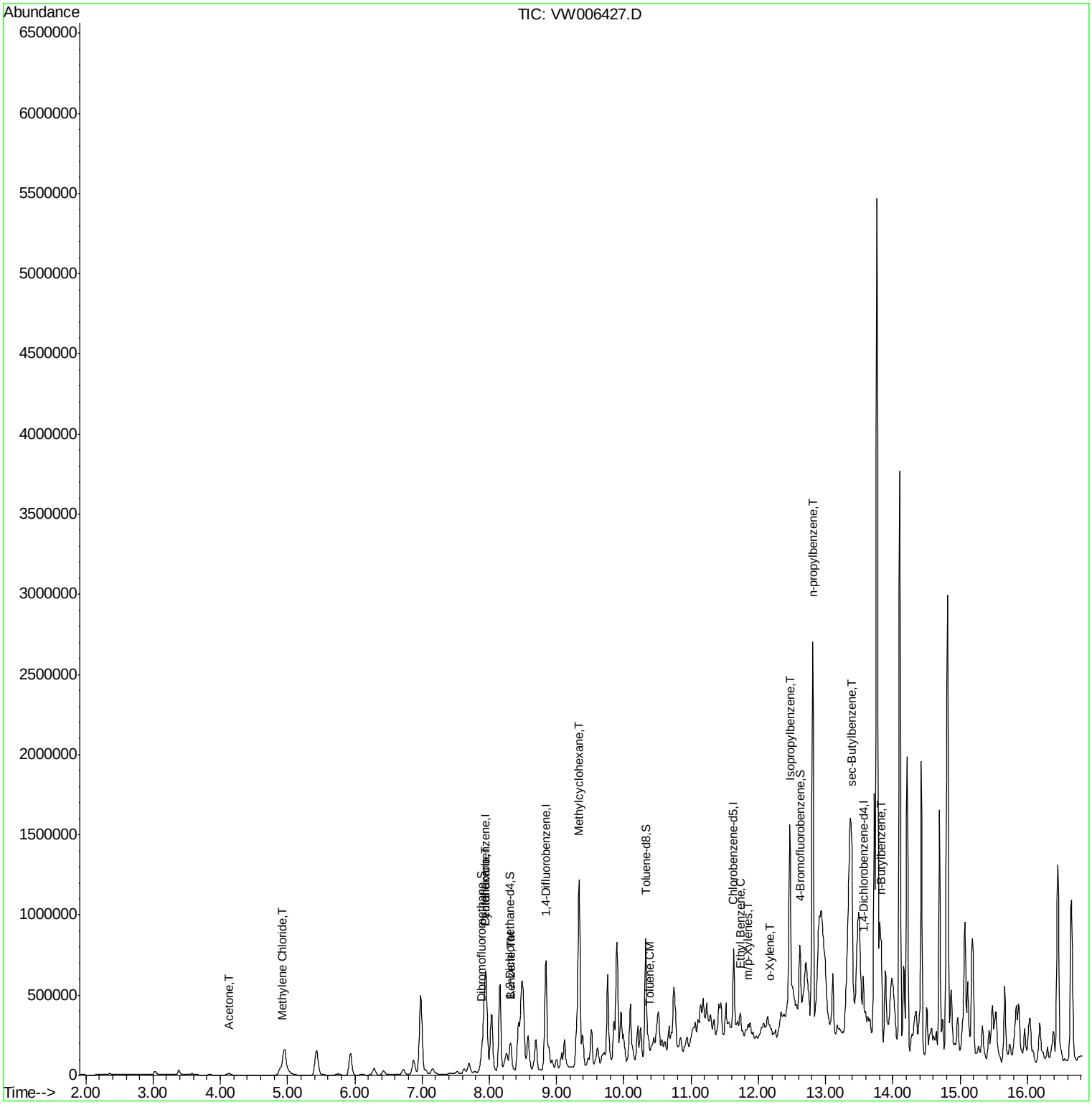
(#) = qualifier out of range (m) = manual integration (+) = signals summed

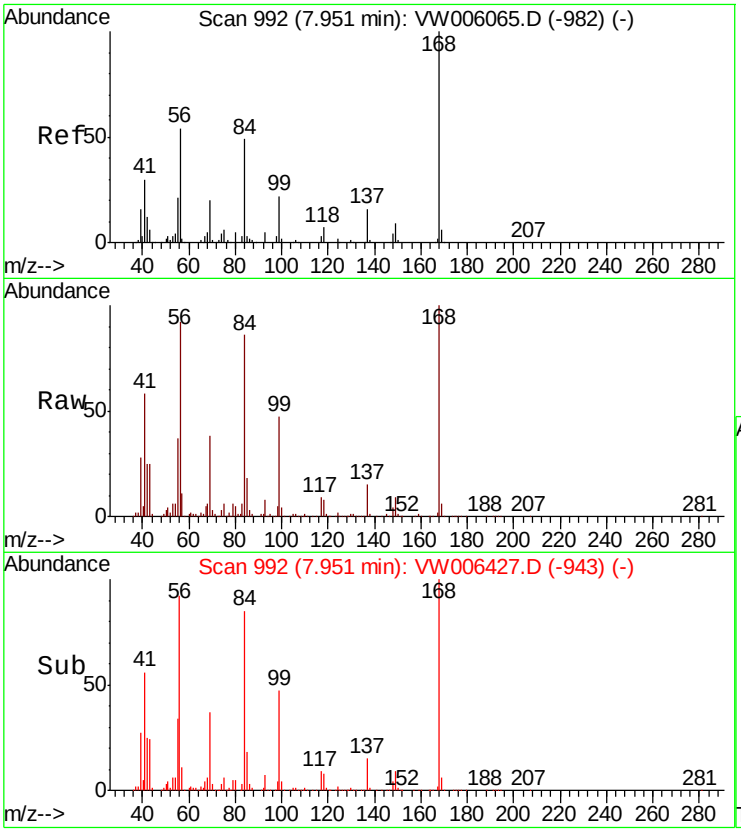
Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW102918\
Data File : VW006427.D
Acq On : 27 Oct 2018 03:07
Operator : SY/AP
Sample : J5515-03RE
Misc : 6.15G/5ML/MSVOA_W/SOIL
ALS Vial : 35 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
AOC1-03ARE

Quant Time: Oct 27 05:34:05 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



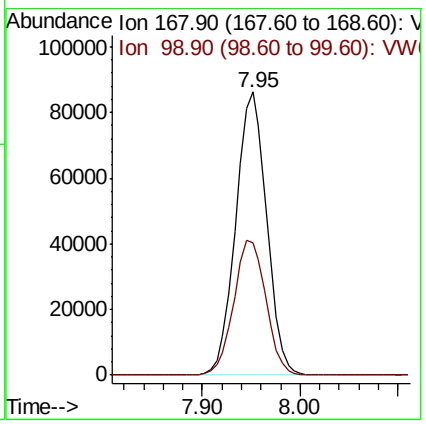


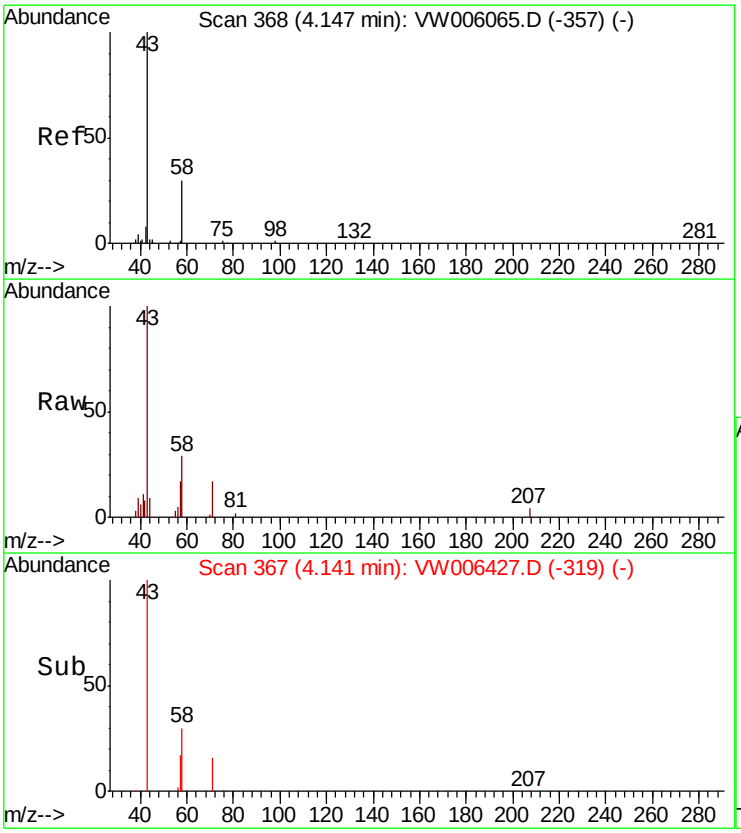
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.00 min
Lab File: VW006427.D
Acq: 27 Oct 2018 03:07

Instrument :
MSVOA_W
ClientSampleId :
AOC1-03ARE

Tgt Ion:168 Resp: 188474

Ion	Ratio	Lower	Upper
168	100		
99	46.8	39.9	59.9

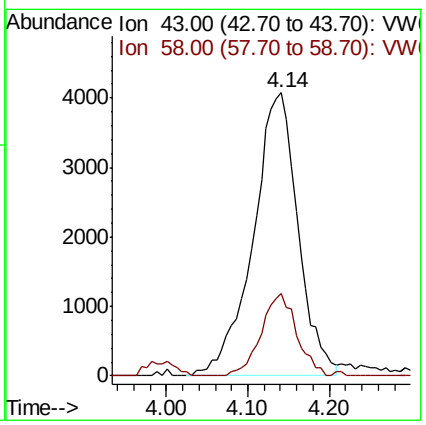


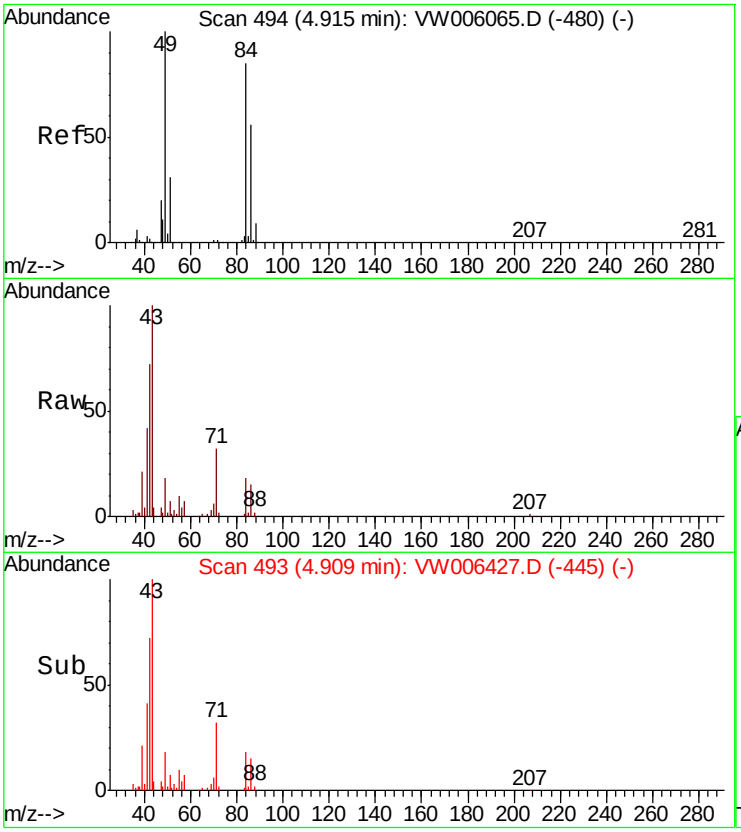


#16
Acetone
Concen: 40.855 ug/l
RT: 4.14 min Scan# 367
Delta R.T. -0.01 min
Lab File: VW006427.D
Acq: 27 Oct 2018 03:07

Tgt Ion: 43 Resp: 15607

Ion	Ratio	Lower	Upper
43	100		
58	27.6	24.0	36.0



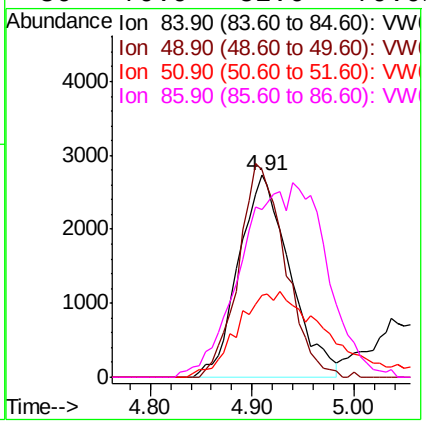


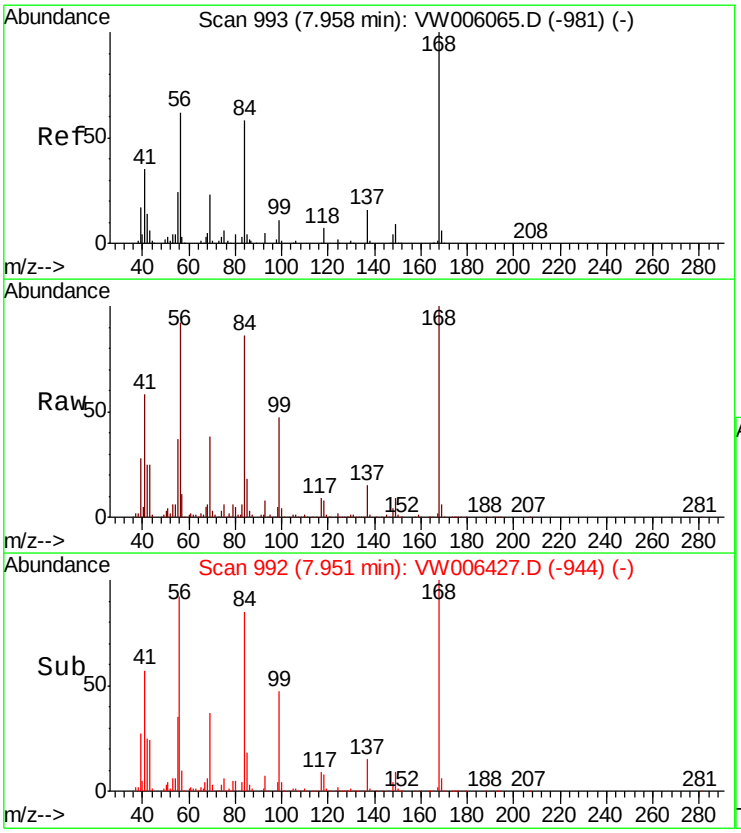
#20
Methylene Chloride
Concen: 4.266 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW006427.D
Acq: 27 Oct 2018 03:07

Instrument : MSVOA_W
ClientSampleId : AOC1-03ARE

Tgt Ion: 84 Resp: 9514

Ion	Ratio	Lower	Upper
84	100		
49	102.6	93.6	140.4
51	40.4	29.0	43.4
86	79.9	52.6	79.0#

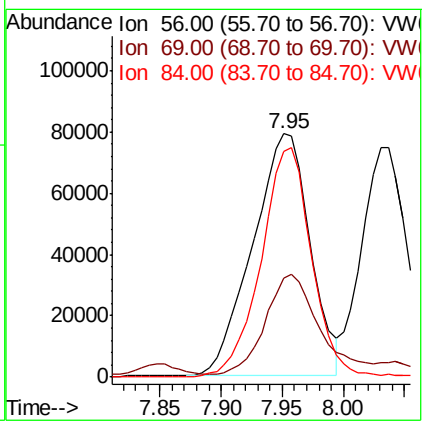


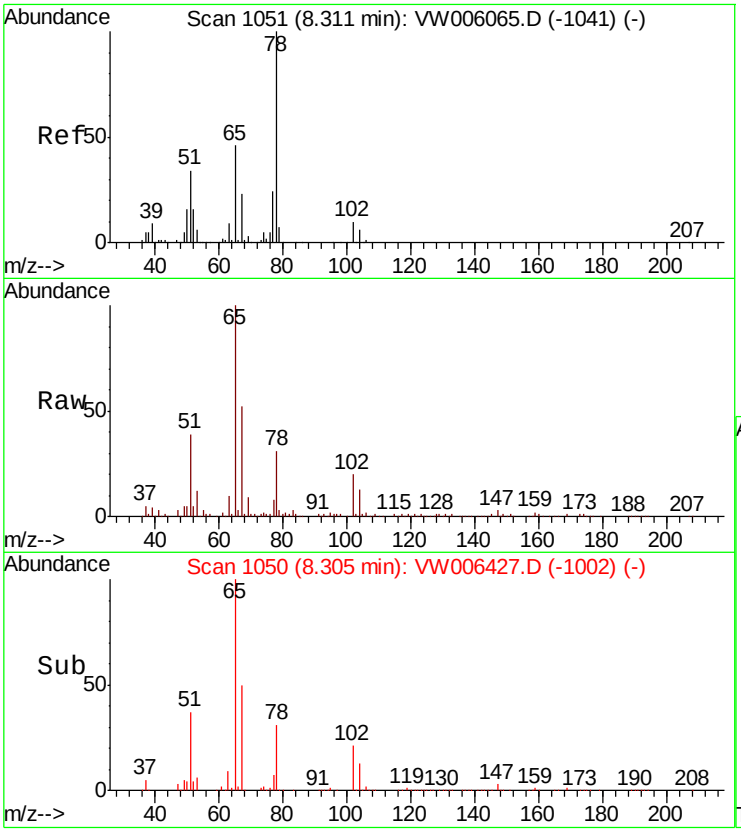


#31
Cyclohexane
Concen: 90.162 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW006427.D
Acq: 27 Oct 2018 03:07

Tgt Ion: 56 Resp: 257798

Ion	Ratio	Lower	Upper
56	100		
69	38.7	29.4	44.0
84	93.3	74.0	111.0



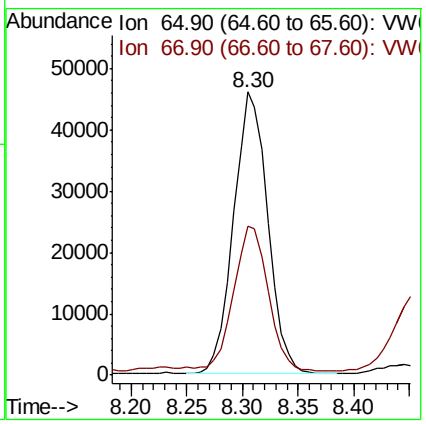


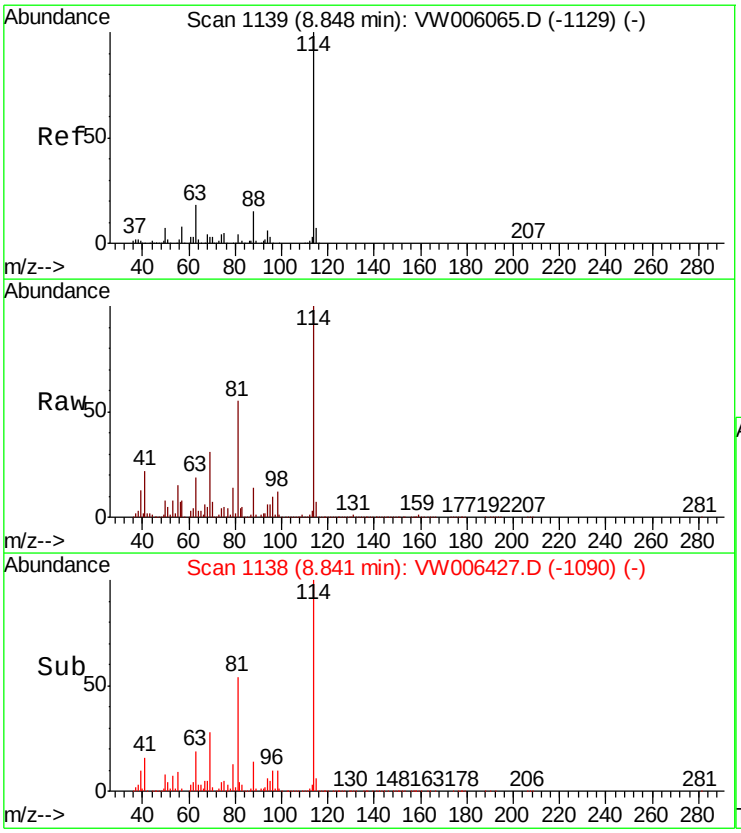
#33
1,2-Dichloroethane-d4
Concen: 62.408 ug/l
RT: 8.30 min Scan# 1050
Delta R.T. -0.01 min
Lab File: VW006427.D
Acq: 27 Oct 2018 03:07

Instrument :
MSVOA_W
ClientSampleId :
AOC1-03ARE

Tgt Ion: 65 Resp: 97515

Ion	Ratio	Lower	Upper
65	100		
67	52.7	0.0	101.0

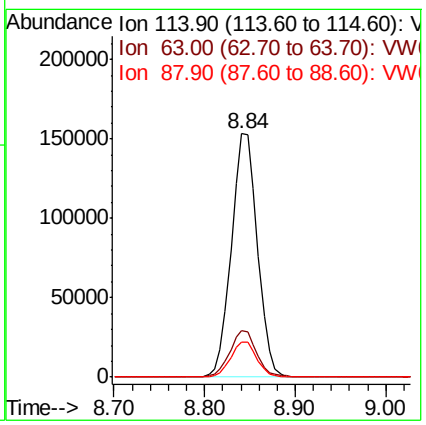


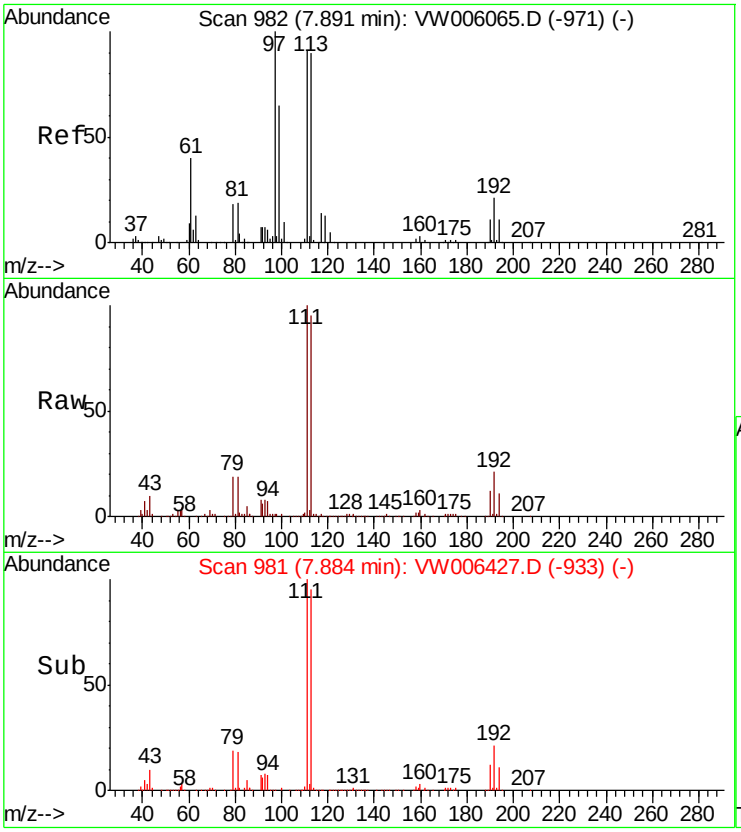


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. -0.01 min
Lab File: VW006427.D
Acq: 27 Oct 2018 03:07

Tgt Ion:114 Resp: 304248

Ion	Ratio	Lower	Upper
114	100		
63	18.8	0.0	36.8
88	14.4	0.0	29.0



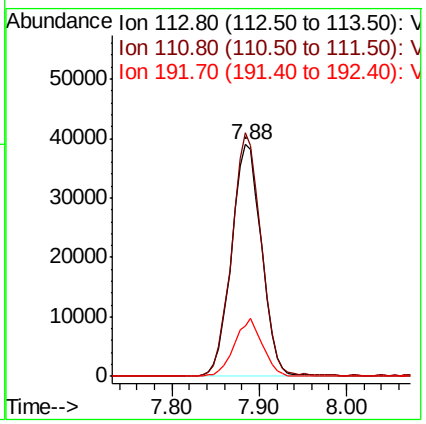


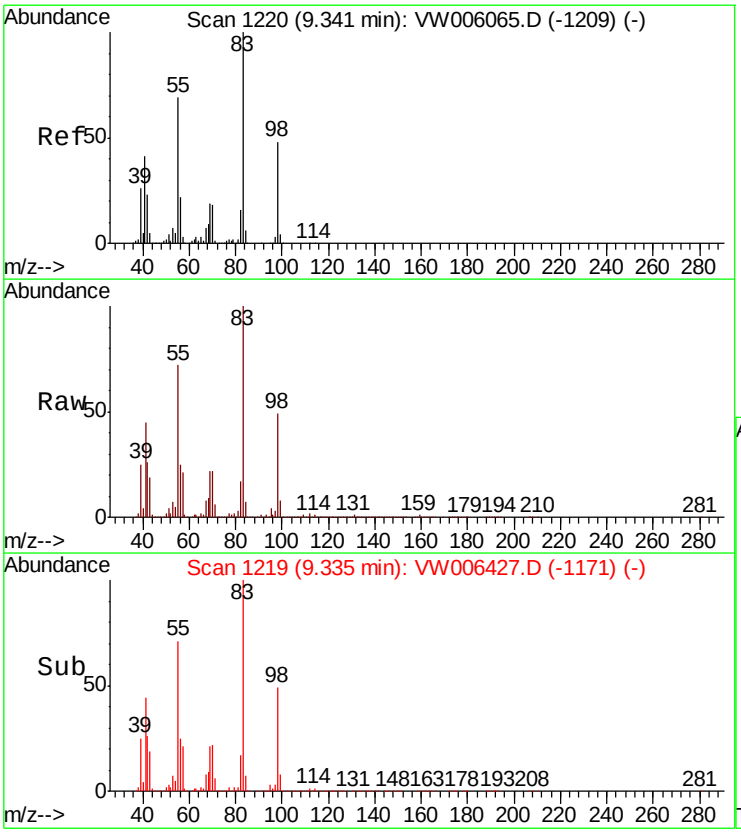
#35
Dibromofluoromethane
Concen: 51.690 ug/l
RT: 7.88 min Scan# 981
Delta R.T. -0.01 min
Lab File: VW006427.D
Acq: 27 Oct 2018 03:07

Instrument :
MSVOA_W
ClientSampleId :
AOC1-03ARE

Tgt Ion:113 Resp: 92927

Ion	Ratio	Lower	Upper
113	100		
111	102.1	81.4	122.0
192	23.4	18.7	28.1

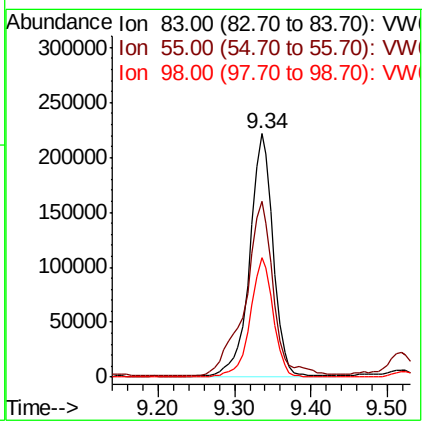


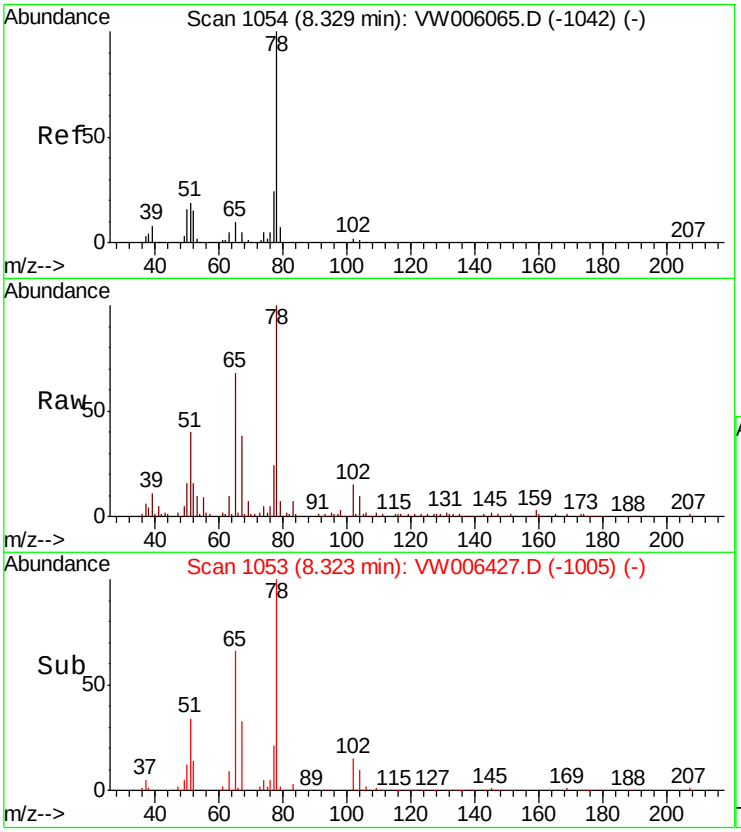


#39
Methylcyclohexane
Concen: 126.018 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.01 min
Lab File: VW006427.D
Acq: 27 Oct 2018 03:07

Tgt Ion: 83 Resp: 469757

Ion	Ratio	Lower	Upper
83	100		
55	71.5	55.0	82.6
98	49.3	38.6	57.8



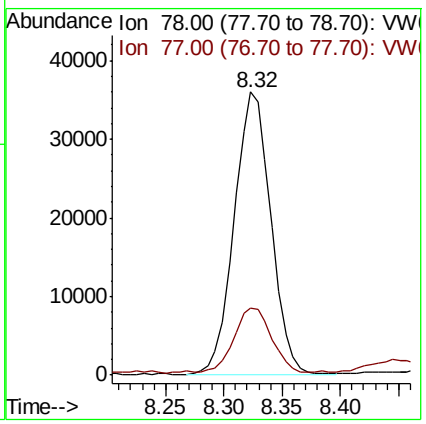


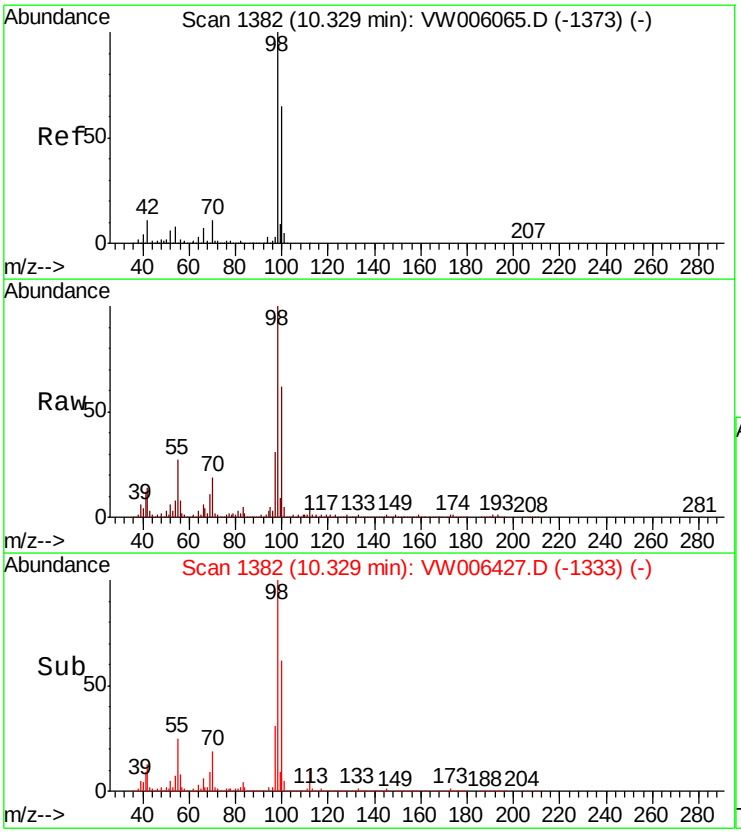
#40
Benzene
Concen: 10.268 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.01 min
Lab File: VW006427.D
Acq: 27 Oct 2018 03:07

Instrument :
MSVOA_W
ClientSampleId :
AOC1-03ARE

Tgt Ion: 78 Resp: 78983

Ion	Ratio	Lower	Upper
78	100		
77	22.9	19.4	29.0

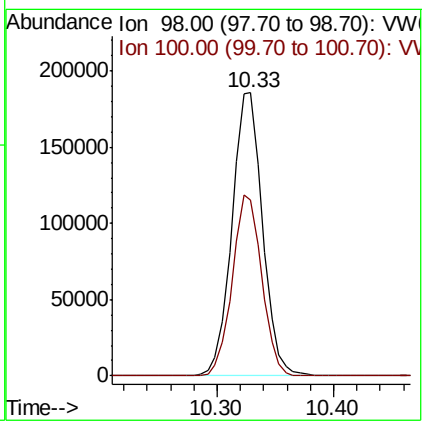


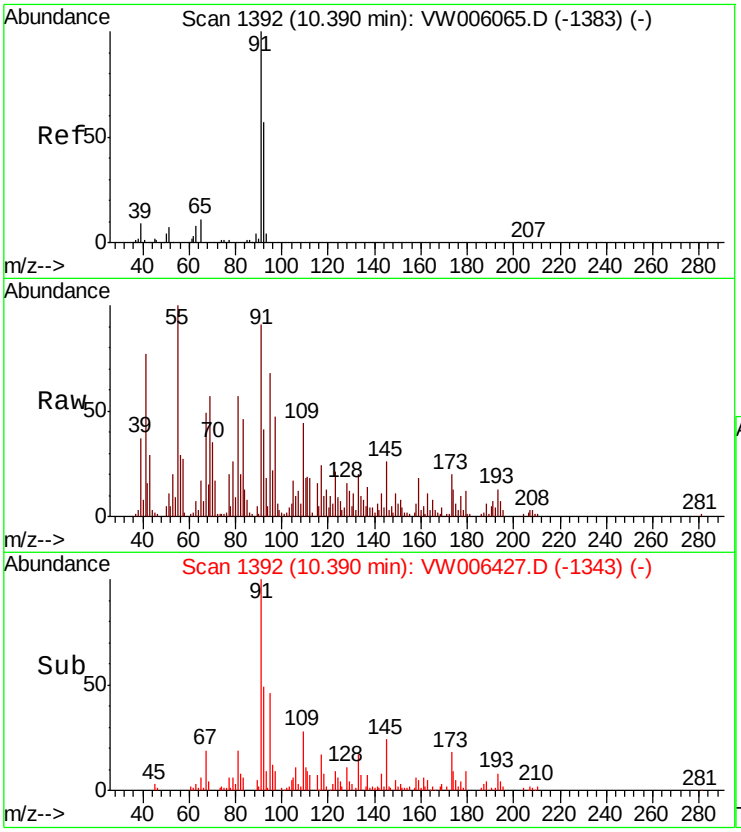


#50
Toluene-d8
Concen: 49.311 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW006427.D
Acq: 27 Oct 2018 03:07

Tgt Ion: 98 Resp: 337270

Ion	Ratio	Lower	Upper
98	100		
100	62.1	51.6	77.4



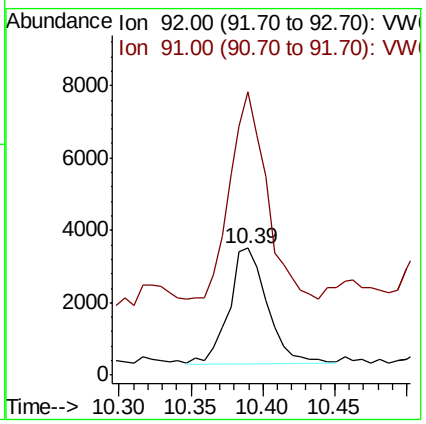


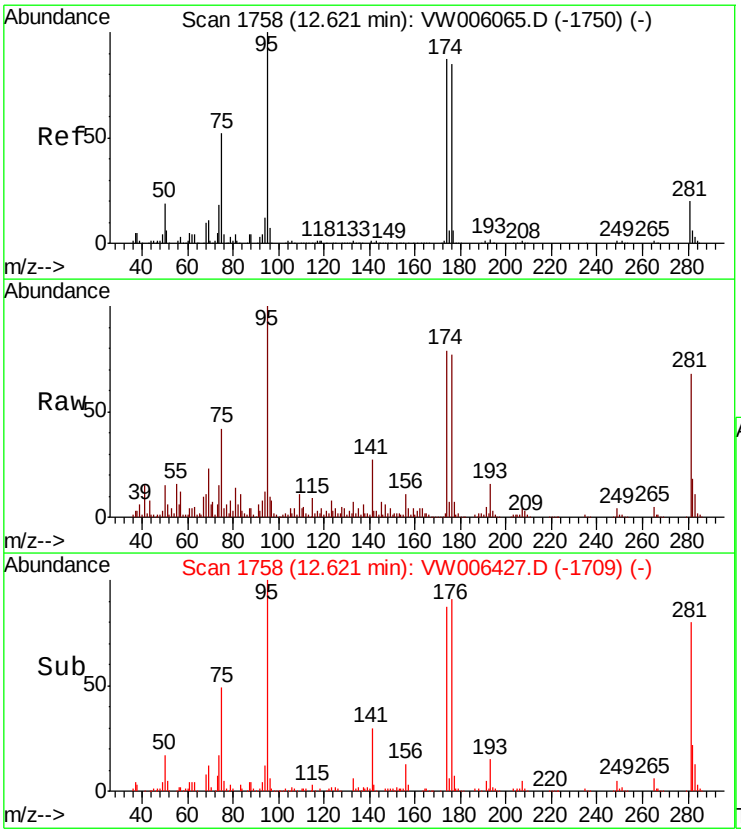
#52
Toluene
Concen: 1.152 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. -0.00 min
Lab File: VW006427.D
Acq: 27 Oct 2018 03:07

Instrument :
MSVOA_W
ClientSampleId :
AOC1-03ARE

Tgt Ion: 92 Resp: 5943

Ion	Ratio	Lower	Upper
92	100		
91	177.9	140.0	210.0

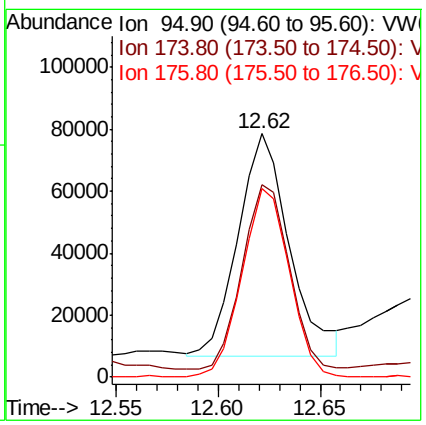


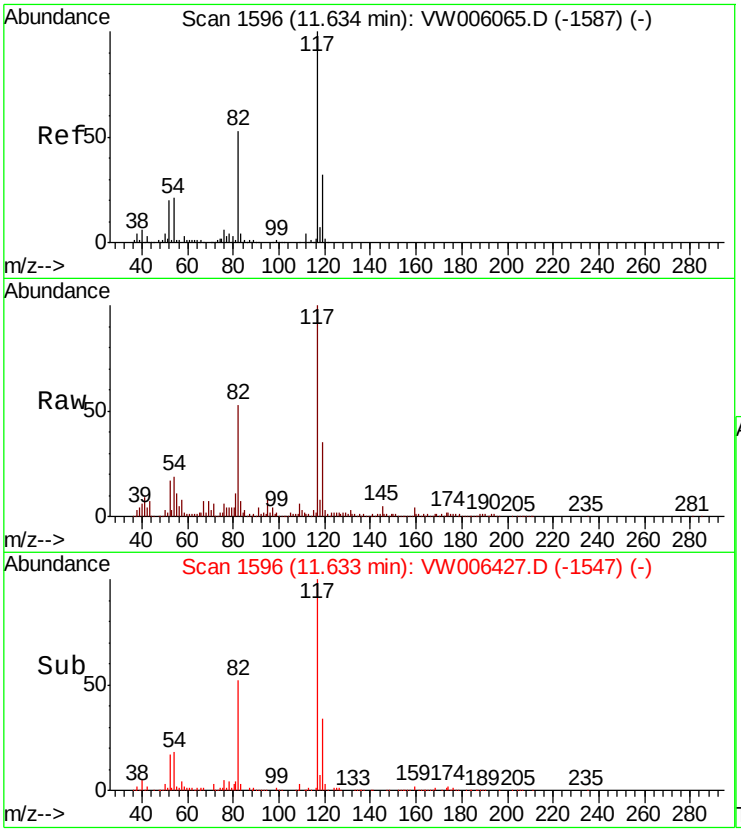


#62
4-Bromofluorobenzene
Concen: 48.916 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW006427.D
Acq: 27 Oct 2018 03:07

Tgt Ion: 95 Resp: 125660

Ion	Ratio	Lower	Upper
95	100		
174	75.7	0.0	186.0
176	77.8	0.0	181.6



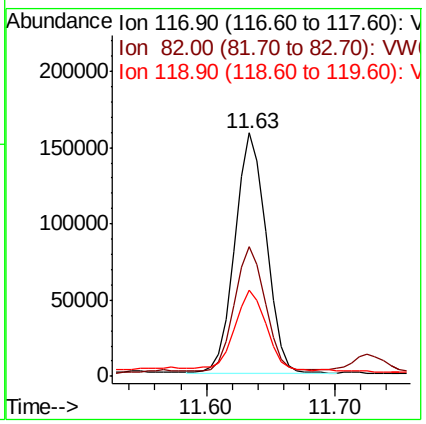


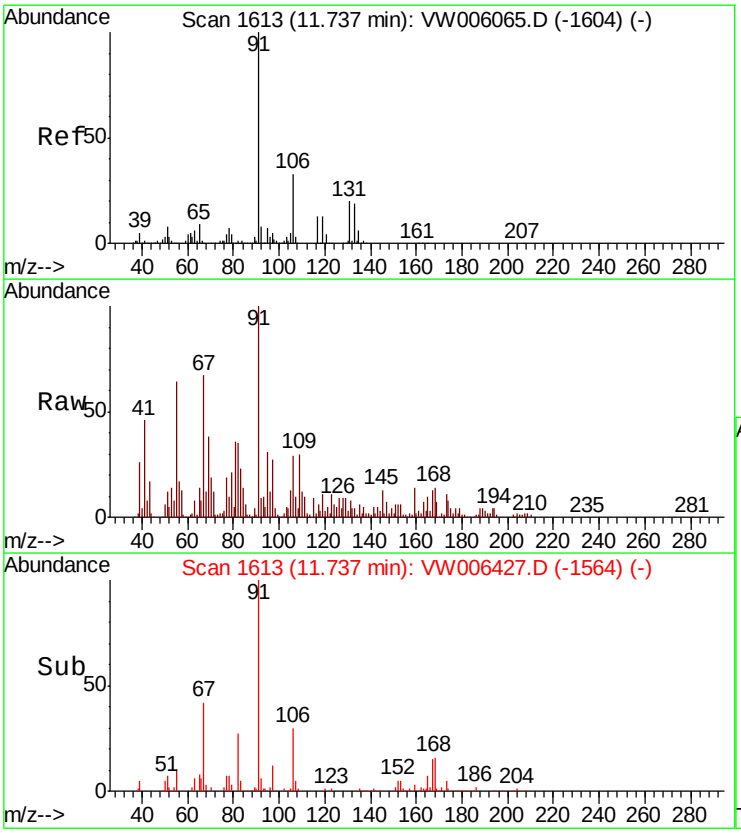
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW006427.D
Acq: 27 Oct 2018 03:07

Instrument : MSVOA_W
ClientSampleId : AOC1-03ARE

Tgt Ion:117 Resp: 265153

Ion	Ratio	Lower	Upper
117	100		
82	52.1	42.1	63.1
119	33.6	25.8	38.6

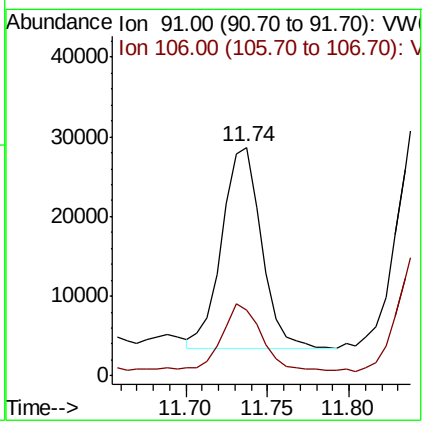


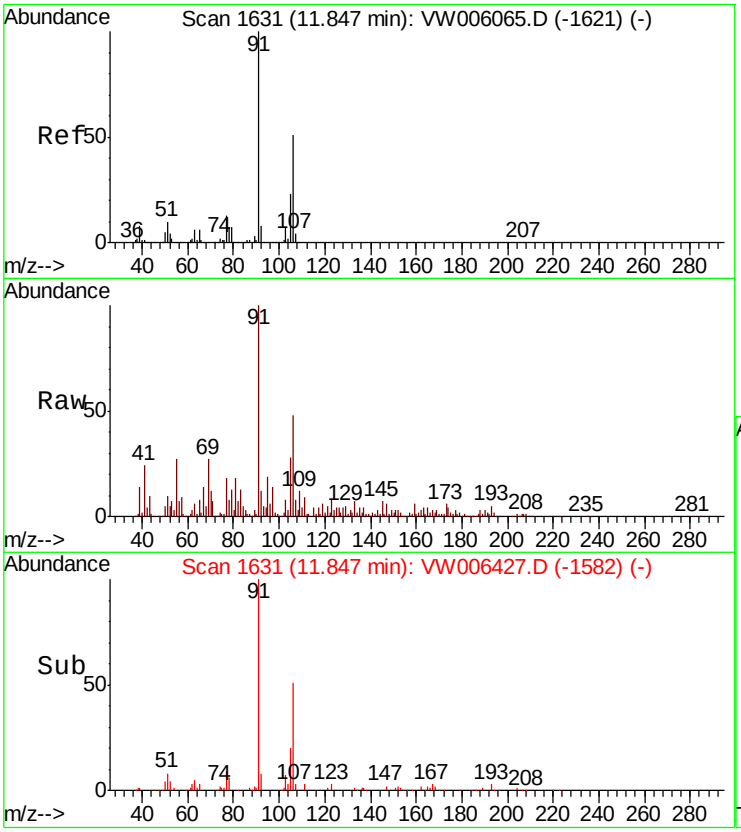


#67
Ethyl Benzene
Concen: 4.336 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. -0.00 min
Lab File: VW006427.D
Acq: 27 Oct 2018 03:07

Tgt Ion: 91 Resp: 42653

Ion	Ratio	Lower	Upper
91	100		
106	29.8	26.1	39.1



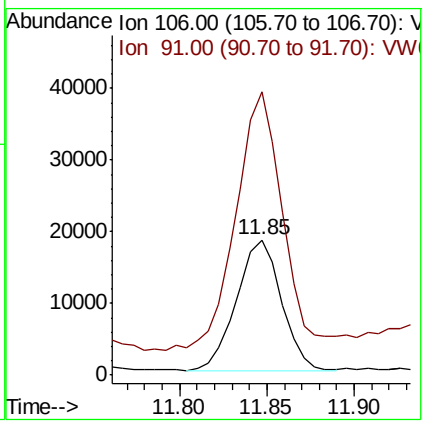


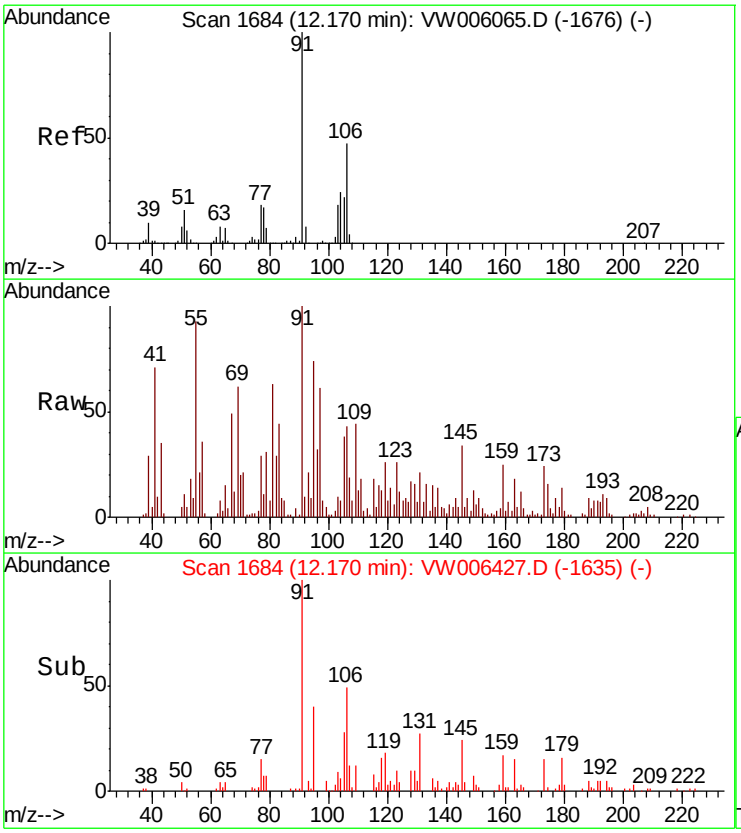
#68
m/p-Xylenes
Concen: 8.434 ug/l
RT: 11.85 min Scan# 1631
Delta R.T. -0.00 min
Lab File: VW006427.D
Acq: 27 Oct 2018 03:07

Instrument : MSVOA_W
ClientSampleId : AOC1-03ARE

Tgt Ion:106 Resp: 32791

Ion	Ratio	Lower	Upper
106	100		
91	202.2	159.1	238.7

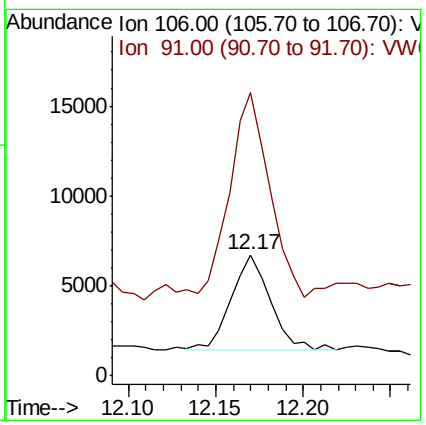


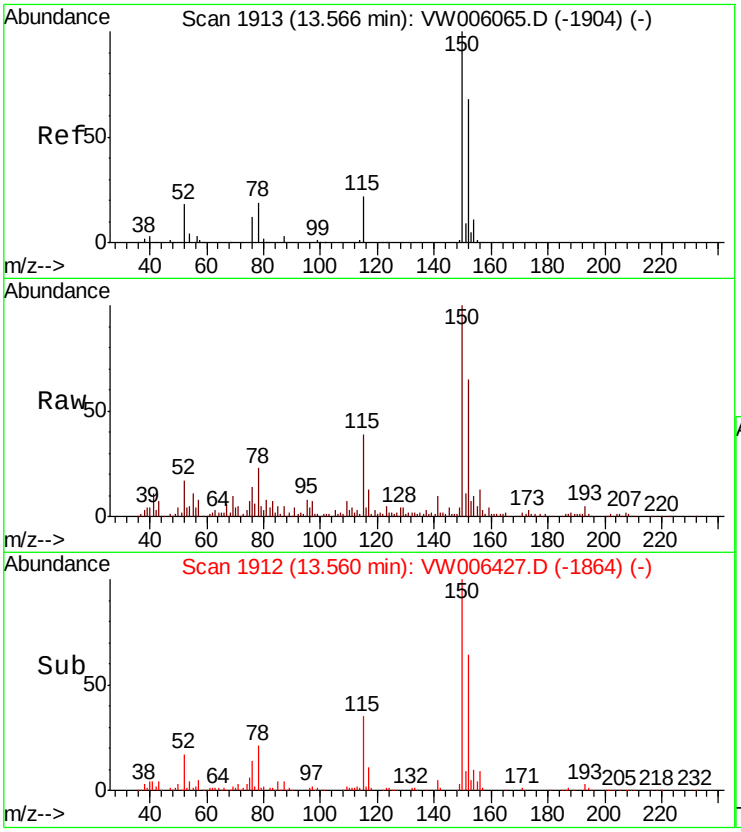


#69
o-Xylene
Concen: 2.168 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW006427.D
Acq: 27 Oct 2018 03:07

Tgt Ion:106 Resp: 8034

Ion	Ratio	Lower	Upper
106	100		
91	222.6	105.4	316.1



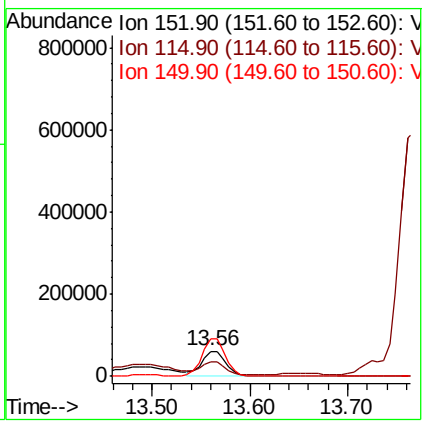


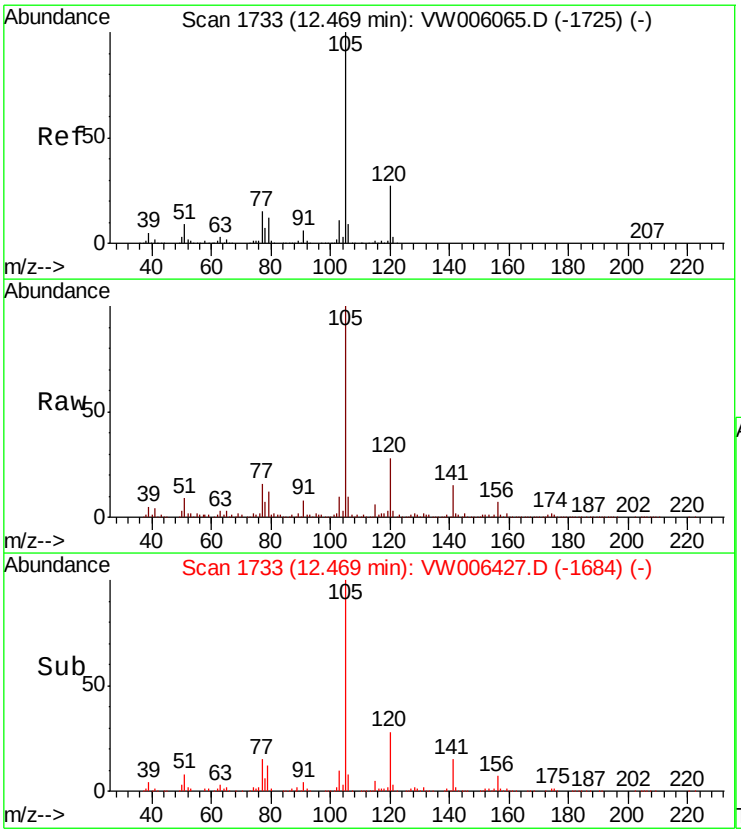
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.01 min
Lab File: VW006427.D
Acq: 27 Oct 2018 03:07

Instrument : MSVOA_W
ClientSampleId : AOC1-03ARE

Tgt Ion:152 Resp: 105824

Ion	Ratio	Lower	Upper
152	100		
115	55.4	27.8	83.3
150	142.4	0.0	349.2

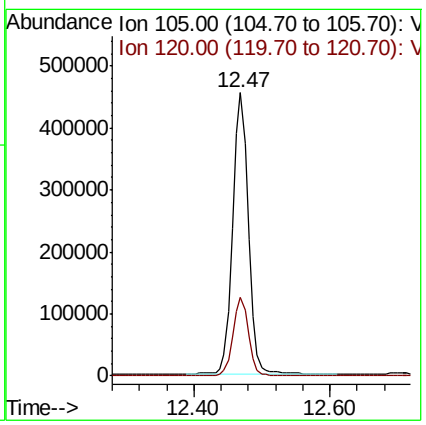


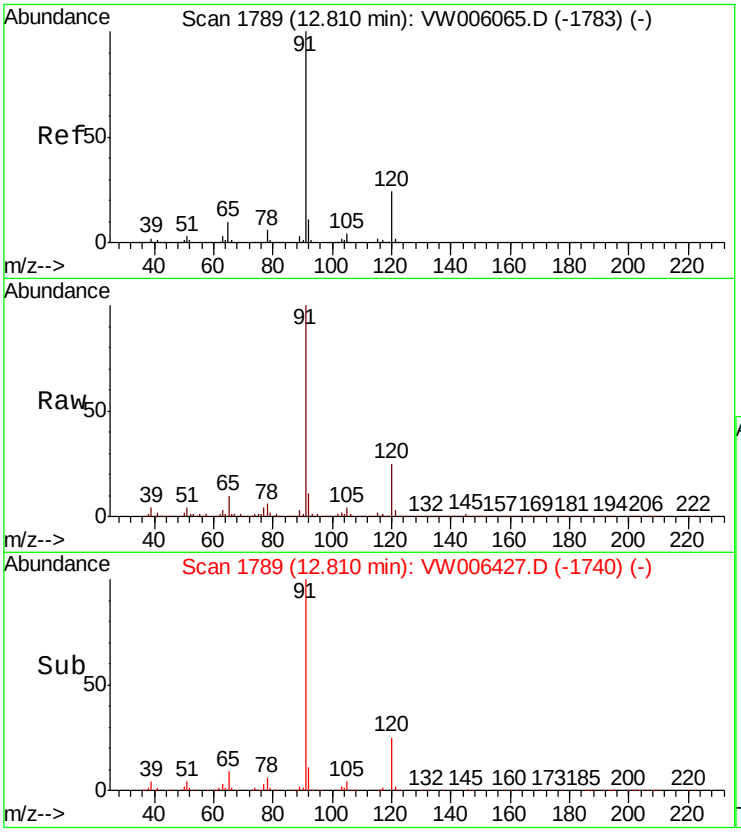


#73
Isopropylbenzene
Concen: 97.361 ug/l
RT: 12.47 min Scan# 1733
Delta R.T. -0.00 min
Lab File: VW006427.D
Acq: 27 Oct 2018 03:07

Tgt Ion:105 Resp: 727886

Ion	Ratio	Lower	Upper
105	100		
120	27.3	13.6	40.7



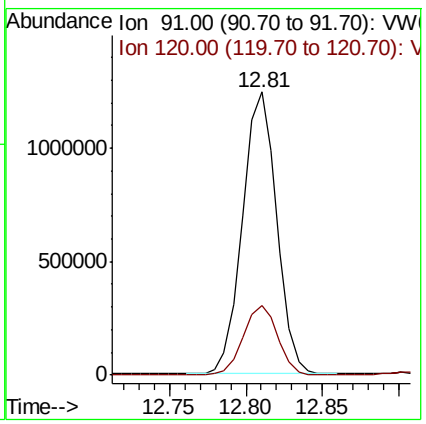


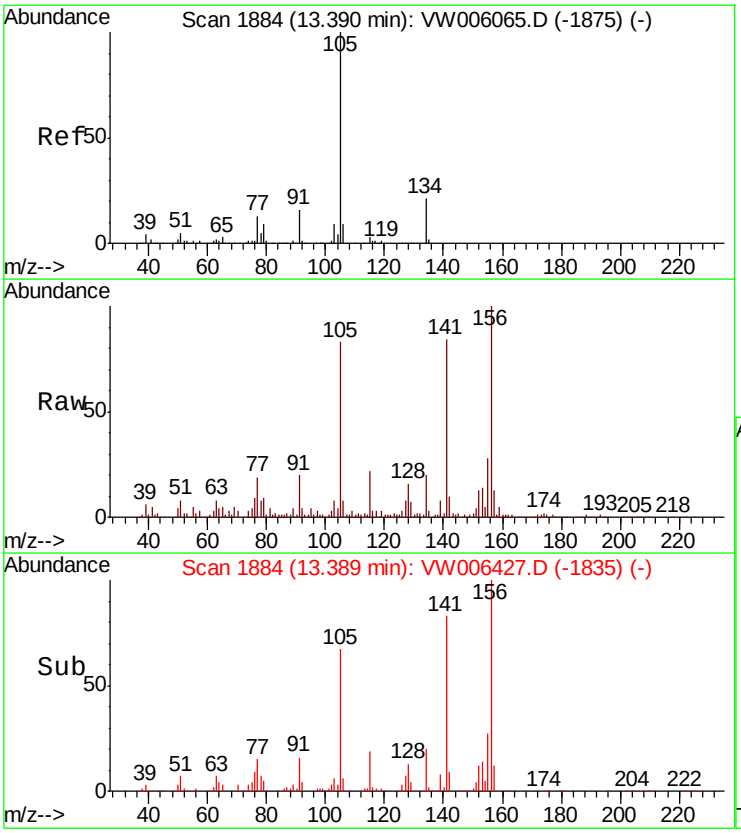
#78
n-propylbenzene
Concen: 221.243 ug/l
RT: 12.81 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VW006427.D
Acq: 27 Oct 2018 03:07

Instrument :
MSVOA_W
ClientSampleId :
AOC1-03ARE

Tgt Ion: 91 Resp: 1924344

Ion	Ratio	Lower	Upper
91	100		
120	25.1	12.2	36.6

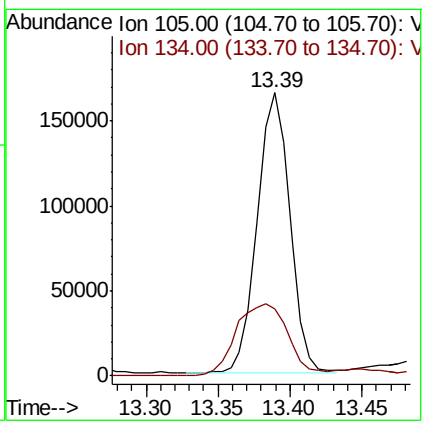


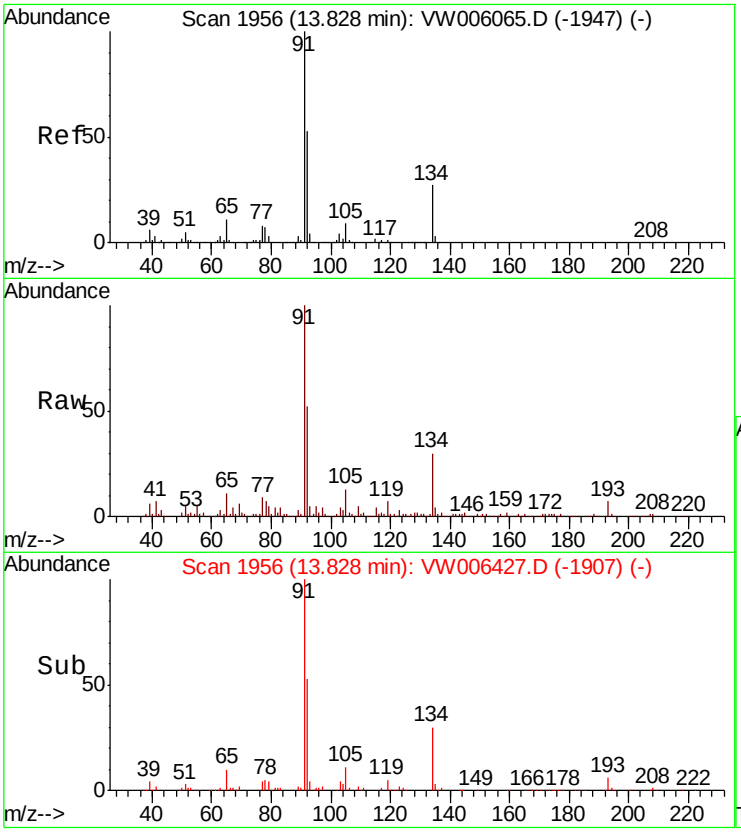


#85
sec-Butylbenzene
Concen: 32.381 ug/l
RT: 13.39 min Scan# 1884
Delta R.T. -0.00 min
Lab File: VW006427.D
Acq: 27 Oct 2018 03:07

Tgt Ion:105 Resp: 257955

Ion	Ratio	Lower	Upper
105	100		
134	40.5	10.5	31.6#





#89
n-Butylbenzene
Concen: 50.959 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. -0.00 min
Lab File: VW006427.D
Acq: 27 Oct 2018 03:07

Instrument :
MSVOA_W
ClientSampleId :
AOC1-03ARE

Tgt Ion: 91 Resp: 335803

Ion	Ratio	Lower	Upper
91	100		
92	46.4	26.6	79.7
134	49.7	14.0	41.9#