Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW120618\
Data File : VW007298.D
Acq On : 06 Dec 2018 23:49
Operator : SY/AP
Sample : J6199-01RE
Misc : 6.67G/5ML/MSVOA W/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : SU-01-120518-ARE

Quant Time: Dec 07 02:44:13 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W120418S.M
Quant Title : SW846 8260
QLast Update : Wed Dec 05 01:35:23 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	26287	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	43553	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	33380	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	11801	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	11686	47.75	ug/l	0.00
Spiked Amount 50.000			Recovery = 95.50%			
35) Dibromofluoromethane	7.89	113	11238	45.06	ug/l	0.00
Spiked Amount 50.000			Recovery = 90.12%			
50) Toluene-d8	10.32	98	36602	33.32	ug/l	0.00
Spiked Amount 50.000			Recovery = 66.64%			
62) 4-Bromofluorobenzene	12.62	95	13065	31.51	ug/l	0.00
Spiked Amount 50.000			Recovery = 63.02%			
Target Compounds						Qvalue
16) Acetone	4.13	43	1131	19.521	ug/l	98
20) Methylene Chloride	4.93	84	5401	14.844	ug/l	94
67) Ethyl Benzene	11.73	91	1376	1.013	ug/l	97
69) o-Xylene	12.18	106	1272	2.554	ug/l	93
78) n-propylbenzene	12.81	91	1657	1.449	ug/l	93
80) 1,3,5-Trimethylbenzene	12.95	105	2821	3.436	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	5934	7.080	ug/l	91
85) sec-Butylbenzene	13.39	105	1572	1.535	ug/l	94
86) p-Isopropyltoluene	13.51	119	1215	1.332	ug/l	87

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

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ClientSampleId :
SU-01-120518-ARE

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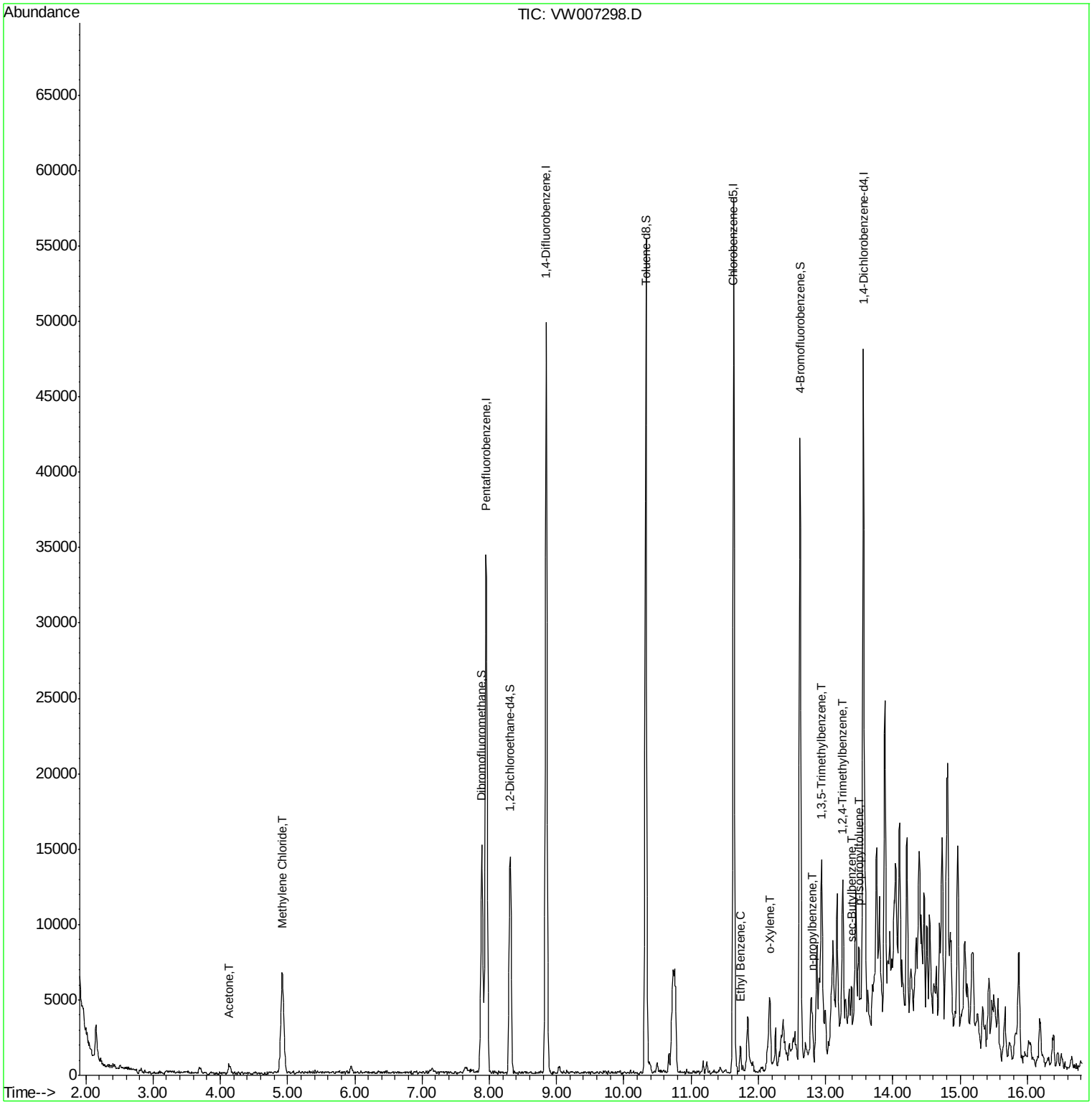
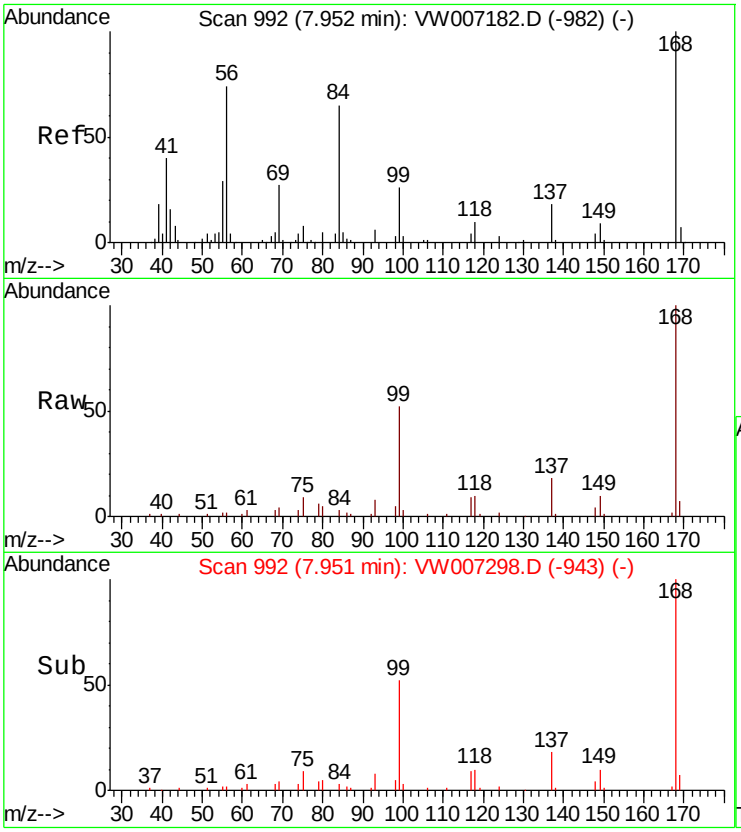


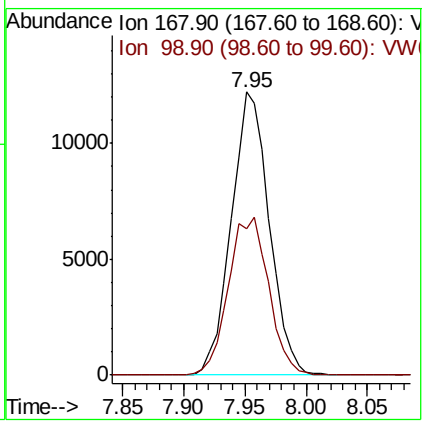


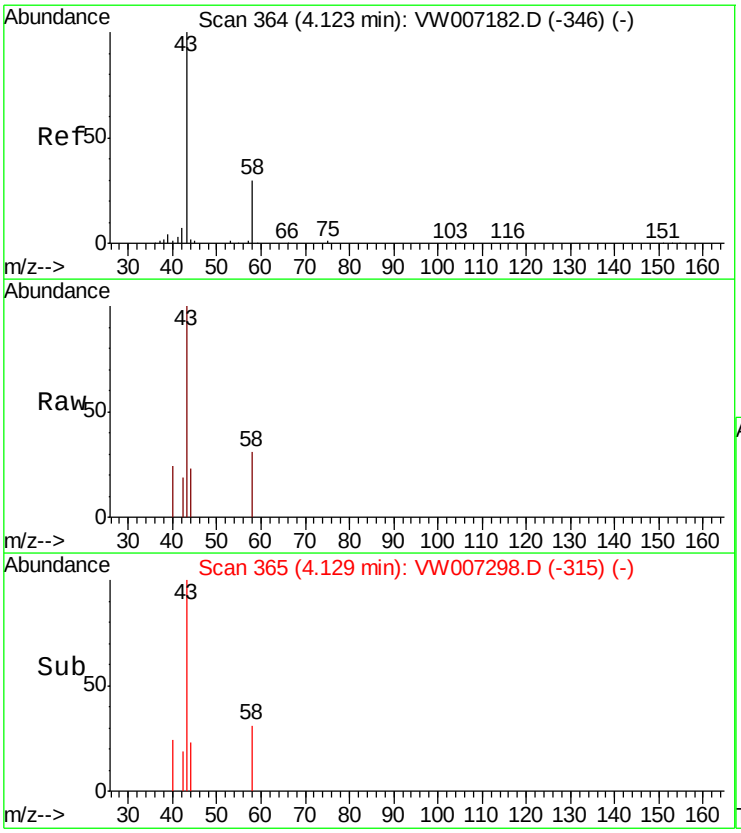
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.00 min
Lab File: VW007298.D
Acq: 06 Dec 2018 23:49

Instrument :
MSVOA_W
ClientSampleId :
SU-01-120518-ARE

Tgt Ion:168 Resp: 26287

Ion	Ratio	Lower	Upper
168	100		
99	51.8	47.8	71.8

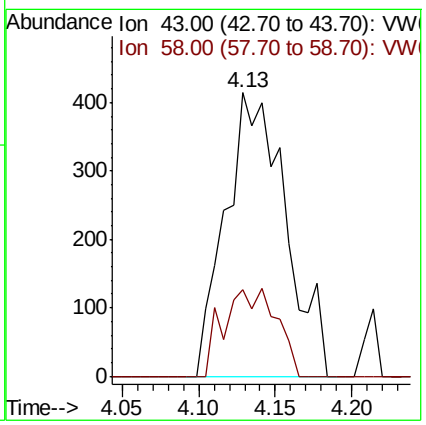


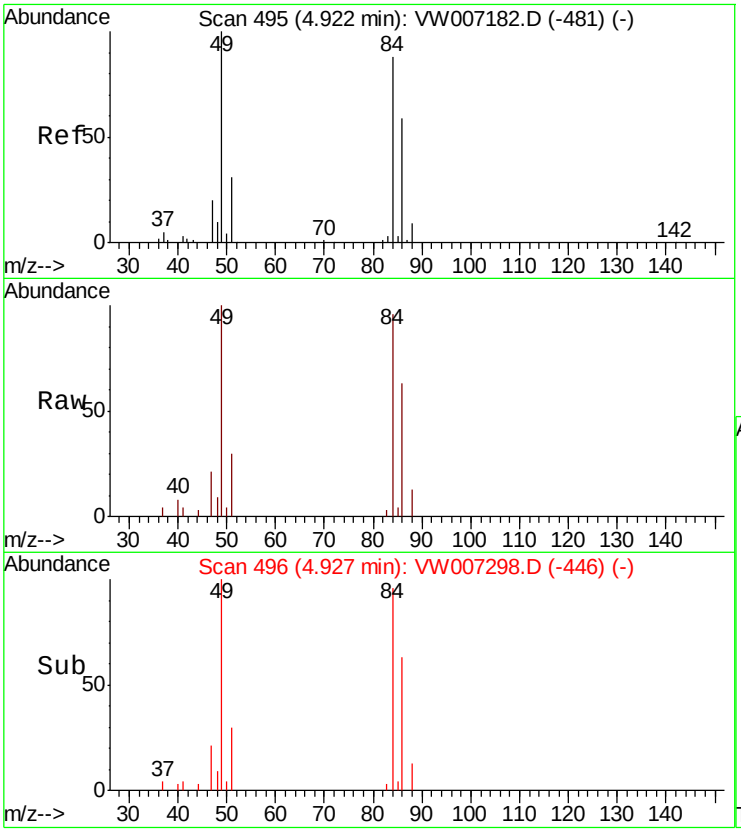


#16
Acetone
Concen: 19.521 ug/l
RT: 4.13 min Scan# 365
Delta R.T. 0.01 min
Lab File: VW007298.D
Acq: 06 Dec 2018 23:49

Tgt Ion: 43 Resp: 1131

Ion	Ratio	Lower	Upper
43	100		
58	30.7	23.8	35.8



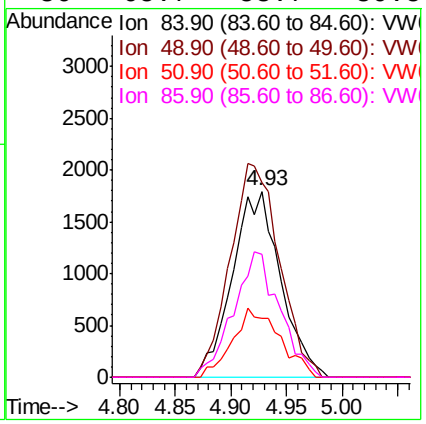


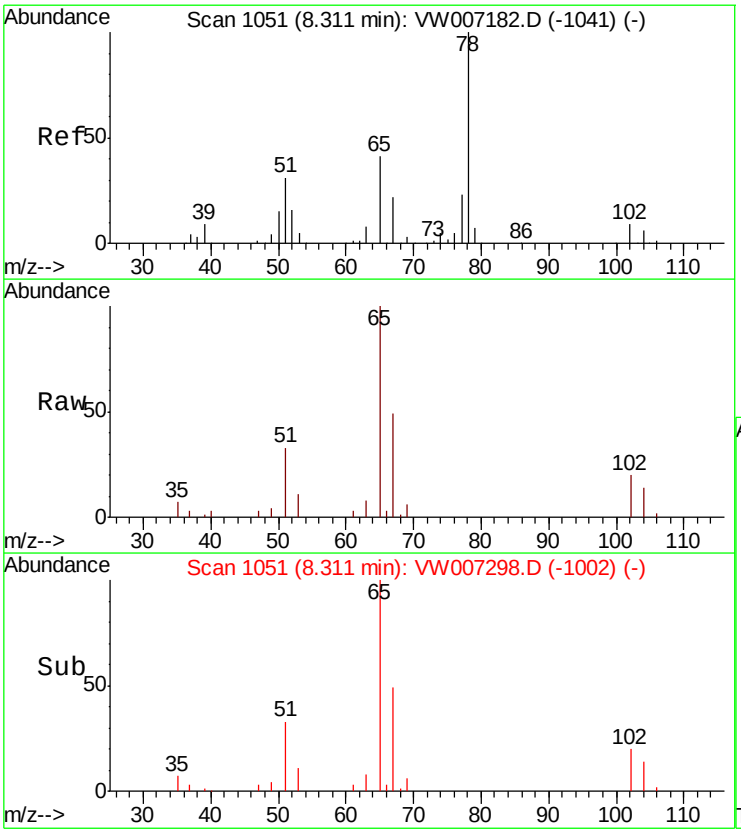
#20
Methylene Chloride
Concen: 14.844 ug/l
RT: 4.93 min Scan# 496
Delta R.T. 0.01 min
Lab File: VW007298.D
Acq: 06 Dec 2018 23:49

Instrument : MSVOA_W
ClientSampleId : SU-01-120518-ARE

Tgt Ion: 84 Resp: 5401

Ion	Ratio	Lower	Upper
84	100		
49	104.4	90.6	135.8
51	31.4	27.6	41.4
86	65.7	53.7	80.5

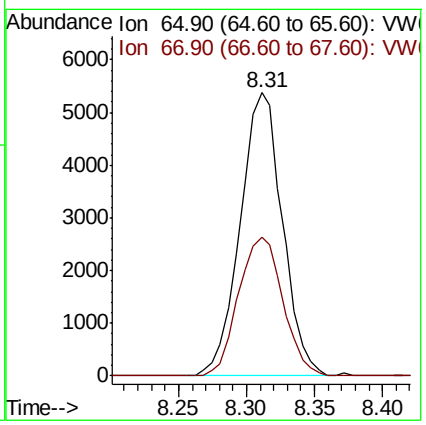


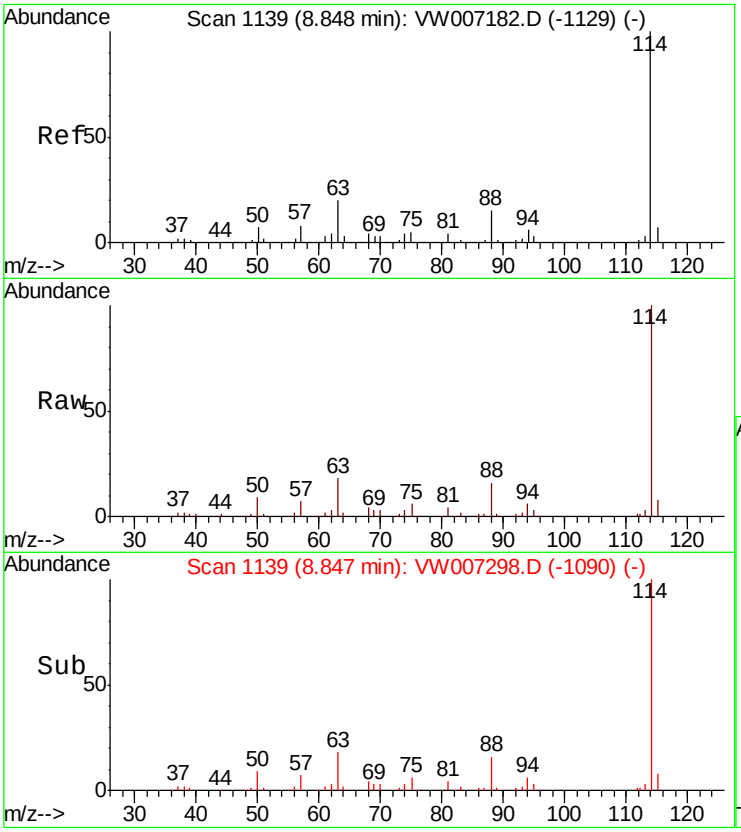


#33
1,2-Dichloroethane-d4
Concen: 47.748 ug/l
RT: 8.31 min Scan# 1051
Delta R.T. -0.00 min
Lab File: VW007298.D
Acq: 06 Dec 2018 23:49

Tgt Ion: 65 Resp: 11686

Ion	Ratio	Lower	Upper
65	100		
67	51.2	0.0	106.4



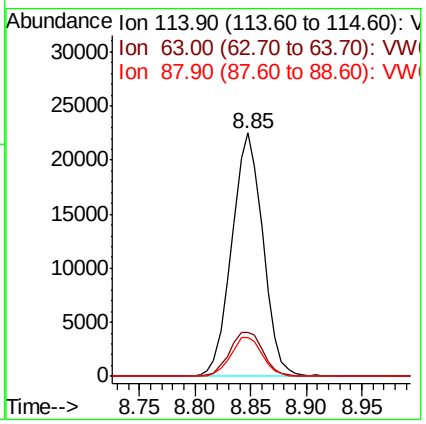


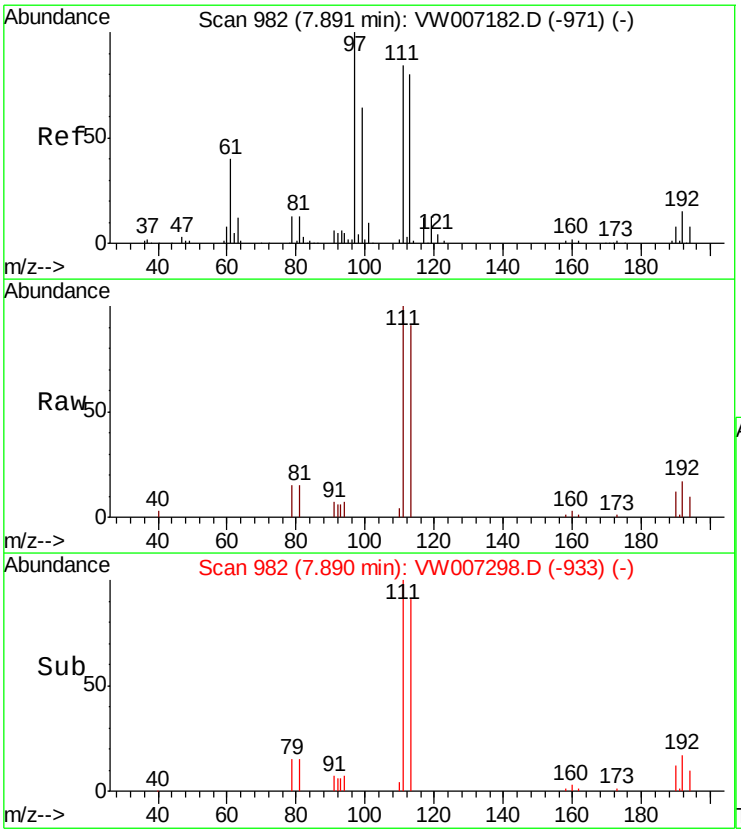
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.85 min Scan# 1139
Delta R.T. -0.00 min
Lab File: VW007298.D
Acq: 06 Dec 2018 23:49

Instrument :
MSVOA_W
ClientSampleId :
SU-01-120518-ARE

Tgt Ion:114 Resp: 43553

Ion	Ratio	Lower	Upper
114	100		
63	18.2	0.0	40.2
88	16.0	0.0	30.0

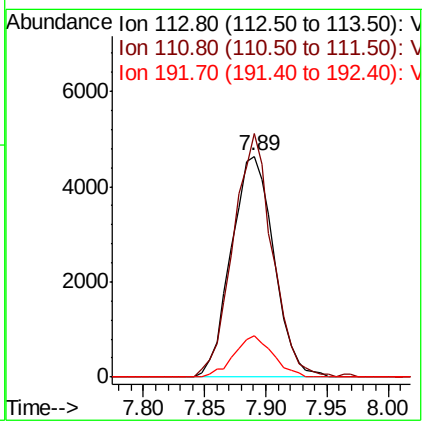


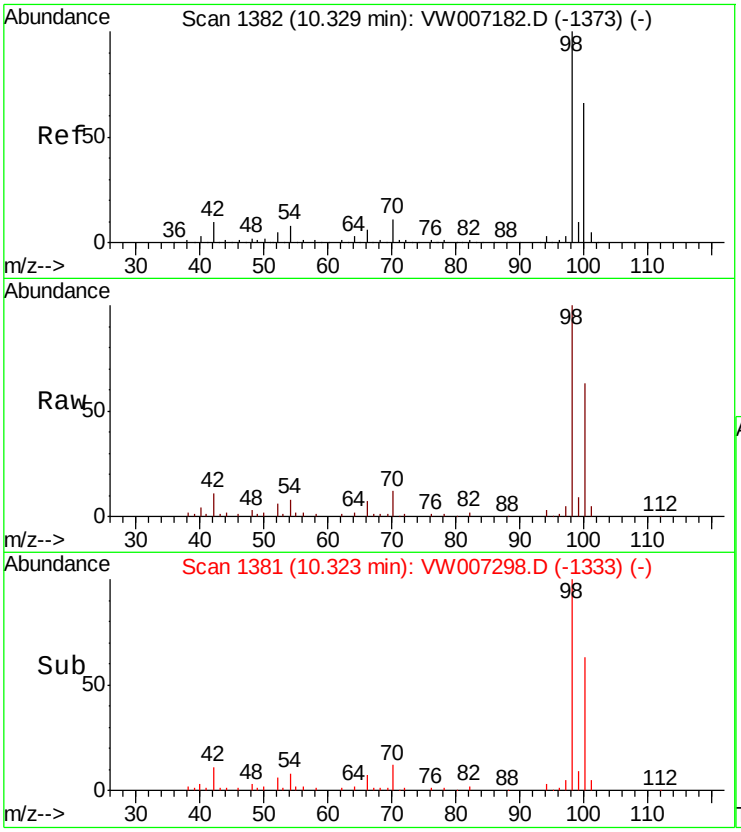


#35
Dibromofluoromethane
Concen: 45.063 ug/l
RT: 7.89 min Scan# 982
Delta R.T. -0.00 min
Lab File: VW007298.D
Acq: 06 Dec 2018 23:49

Tgt Ion:113 Resp: 11238

Ion	Ratio	Lower	Upper
113	100		
111	101.4	82.2	123.4
192	17.2	14.4	21.6



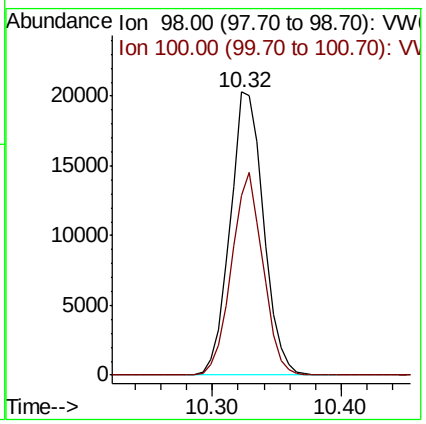


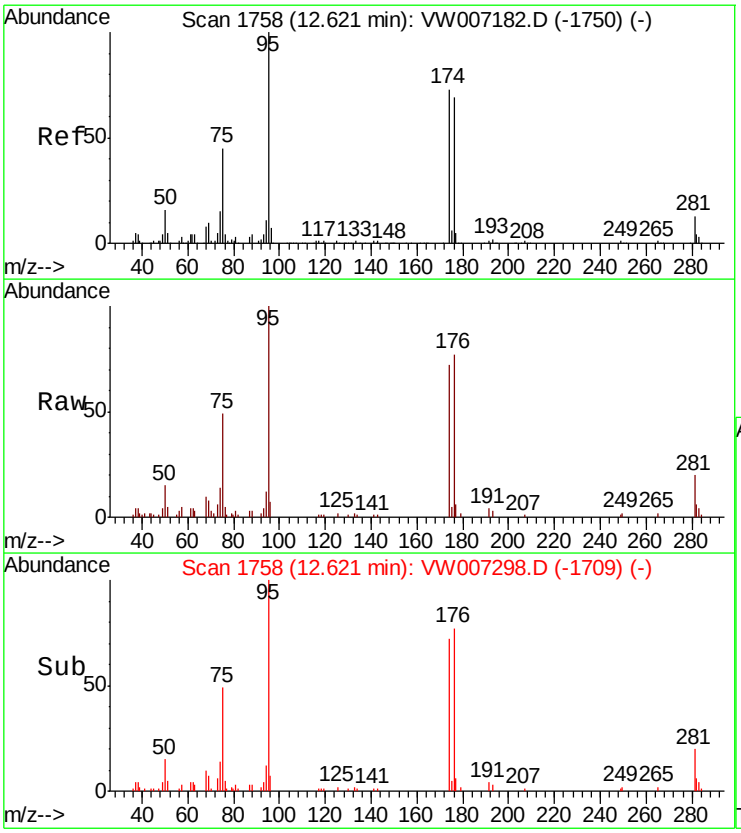
#50
Toluene-d8
Concen: 33.319 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.01 min
Lab File: VW007298.D
Acq: 06 Dec 2018 23:49

Instrument : MSVOA_W
ClientSampleId : SU-01-120518-ARE

Tgt Ion: 98 Resp: 36602

Ion	Ratio	Lower	Upper
98	100		
100	66.9	52.7	79.1

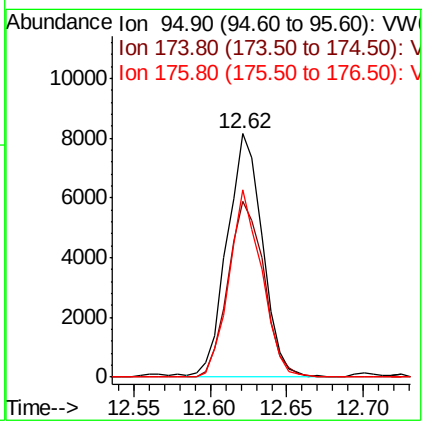


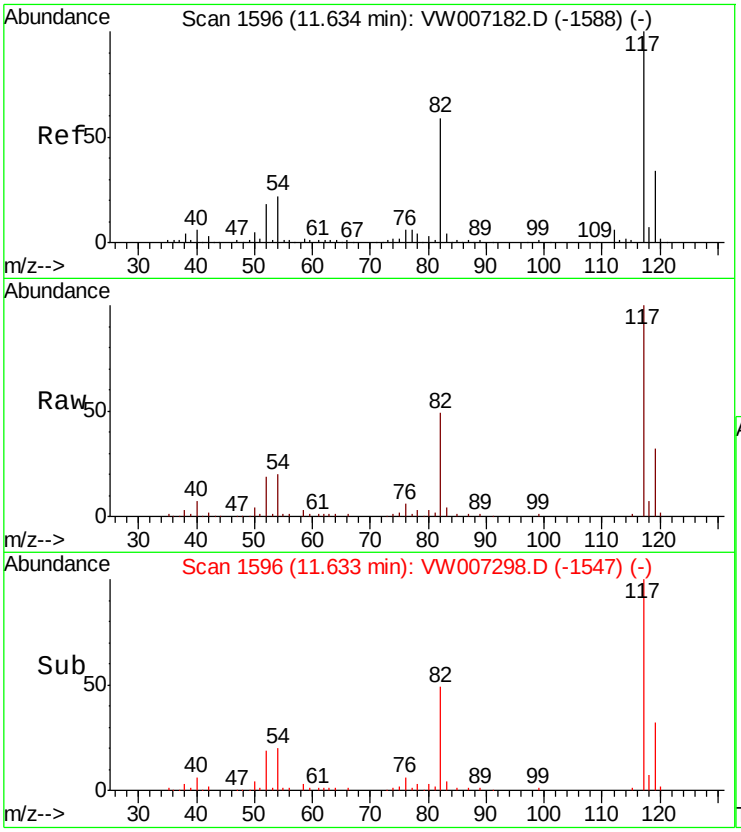


#62
4-Bromofluorobenzene
Concen: 31.510 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW007298.D
Acq: 06 Dec 2018 23:49

Tgt Ion: 95 Resp: 13065

Ion	Ratio	Lower	Upper
95	100		
174	73.3	0.0	148.0
176	71.1	0.0	139.4



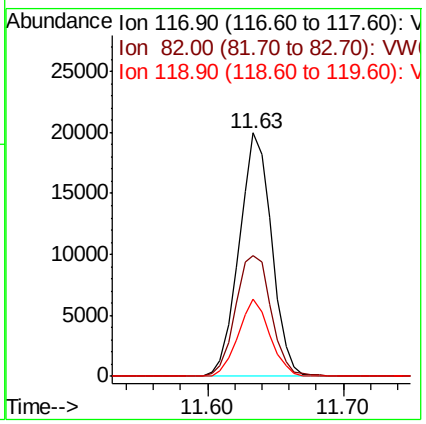


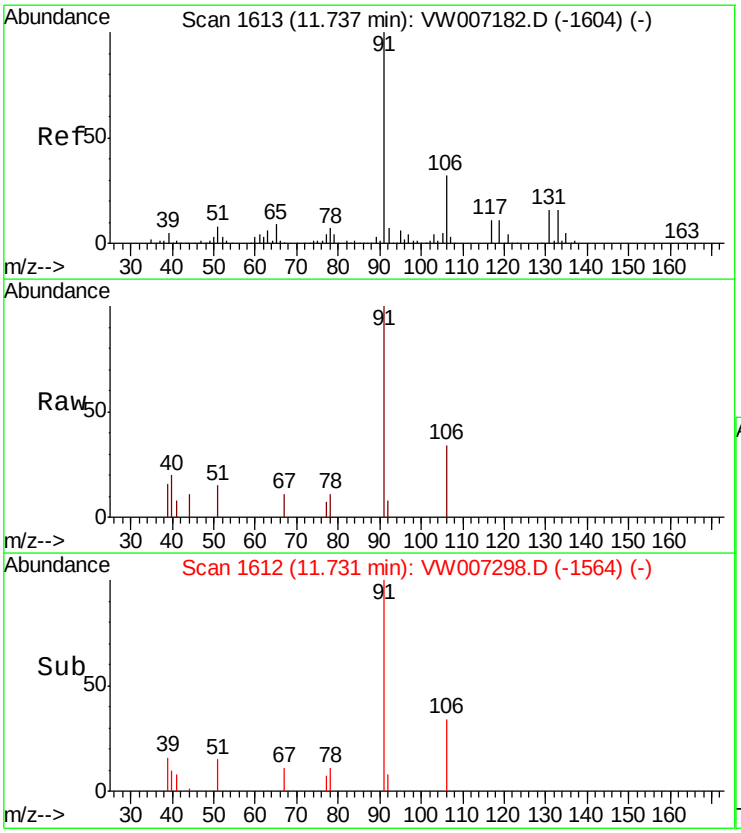
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007298.D
Acq: 06 Dec 2018 23:49

Instrument : MSVOA_W
ClientSampleId : SU-01-120518-ARE

Tgt Ion:117 Resp: 33380

Ion	Ratio	Lower	Upper
117	100		
82	49.5	47.4	71.2
119	31.8	26.8	40.2

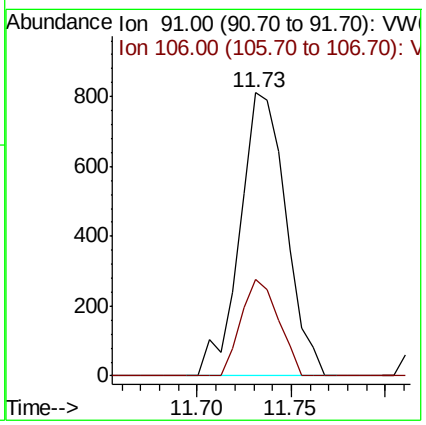


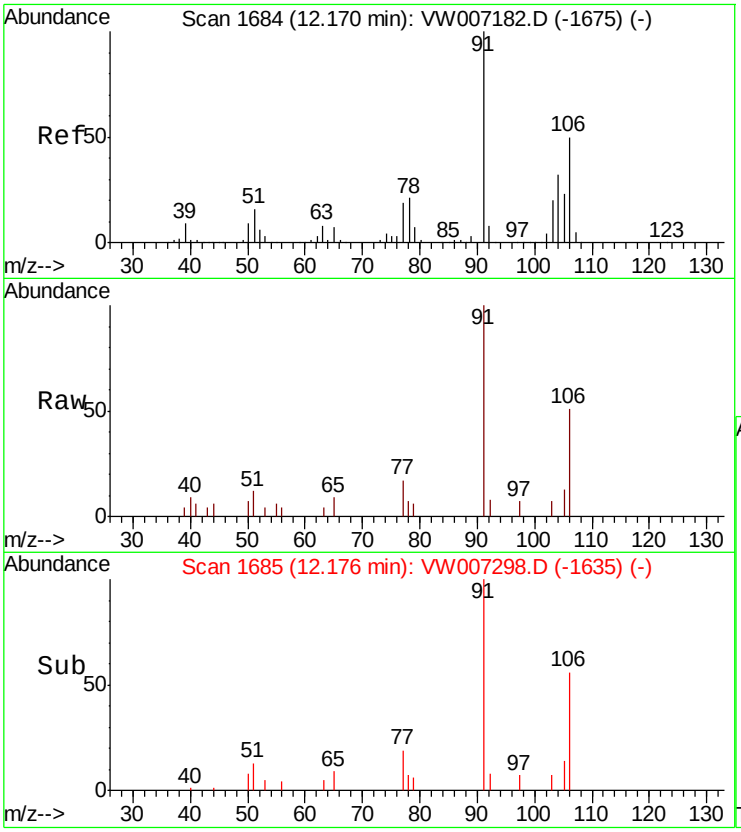


#67
Ethyl Benzene
Concen: 1.013 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.01 min
Lab File: VW007298.D
Acq: 06 Dec 2018 23:49

Tgt Ion: 91 Resp: 1376

Ion	Ratio	Lower	Upper
91	100		
106	34.2	26.0	39.0



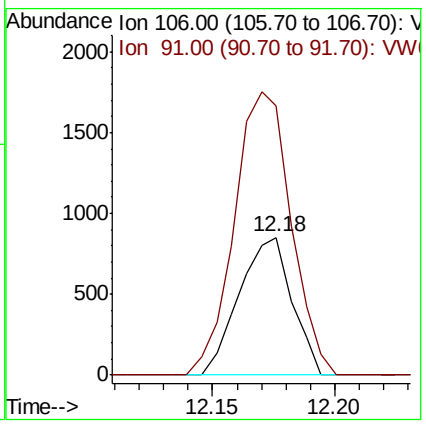


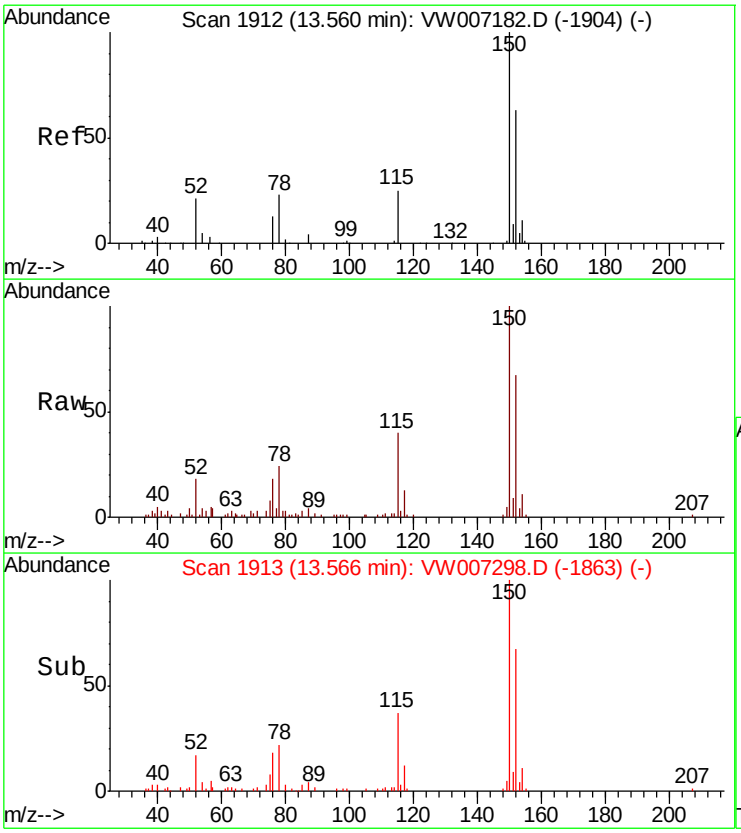
#69
o-Xylene
Concen: 2.554 ug/l
RT: 12.18 min Scan# 1685
Delta R.T. 0.01 min
Lab File: VW007298.D
Acq: 06 Dec 2018 23:49

Instrument :
MSVOA_W
ClientSampleId :
SU-01-120518-ARE

Tgt Ion:106 Resp: 1272

Ion	Ratio	Lower	Upper
106	100		
91	221.1	104.9	314.7

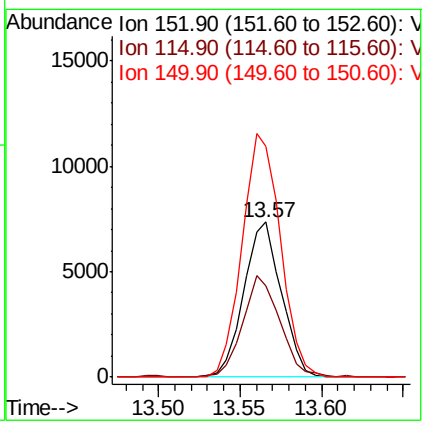


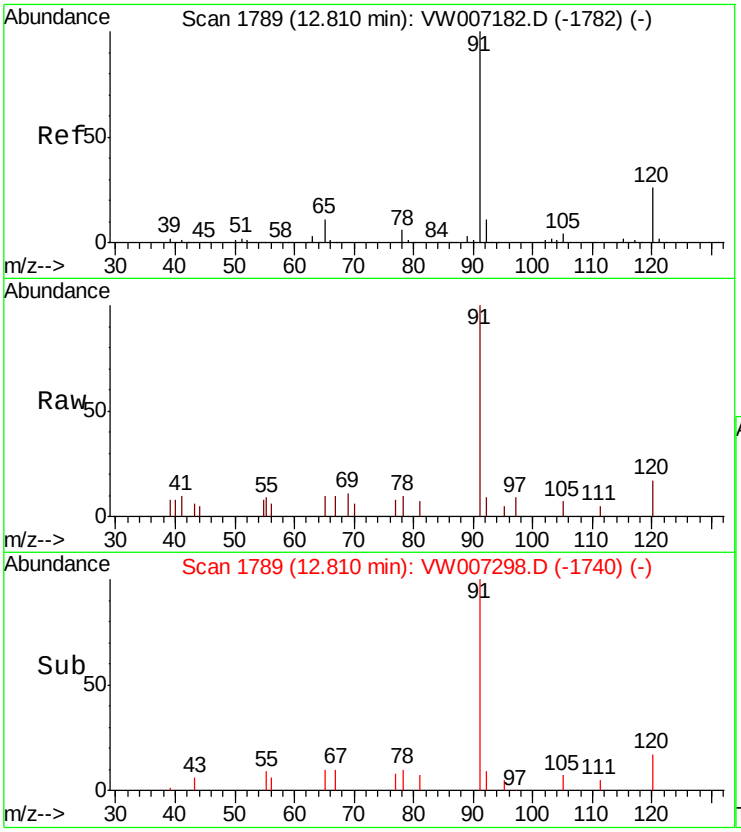


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.01 min
Lab File: VW007298.D
Acq: 06 Dec 2018 23:49

Tgt Ion:152 Resp: 11801

Ion	Ratio	Lower	Upper
152	100		
115	65.0	31.3	93.8
150	159.6	0.0	358.0



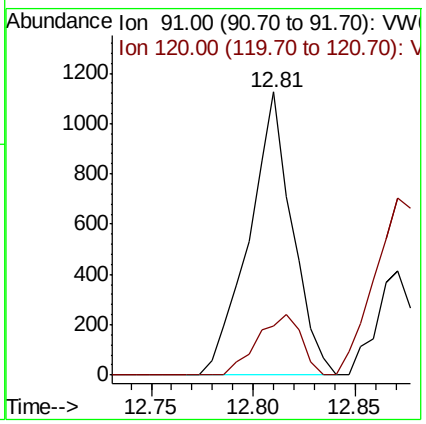


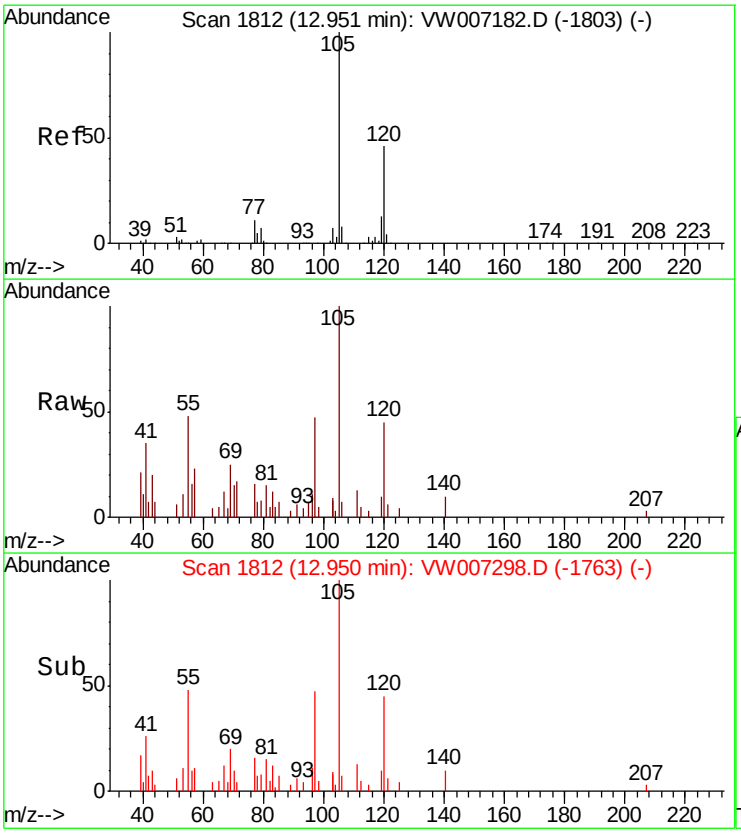
#78
n-propylbenzene
Concen: 1.449 ug/l
RT: 12.81 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VW007298.D
Acq: 06 Dec 2018 23:49

Instrument :
MSVOA_W
ClientSampleId :
SU-01-120518-ARE

Tgt Ion: 91 Resp: 1657

Ion	Ratio	Lower	Upper
91	100		
120	21.6	12.5	37.5

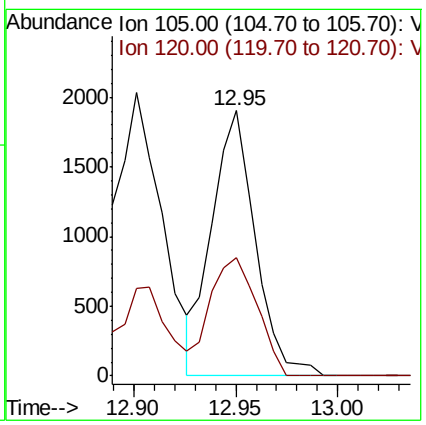


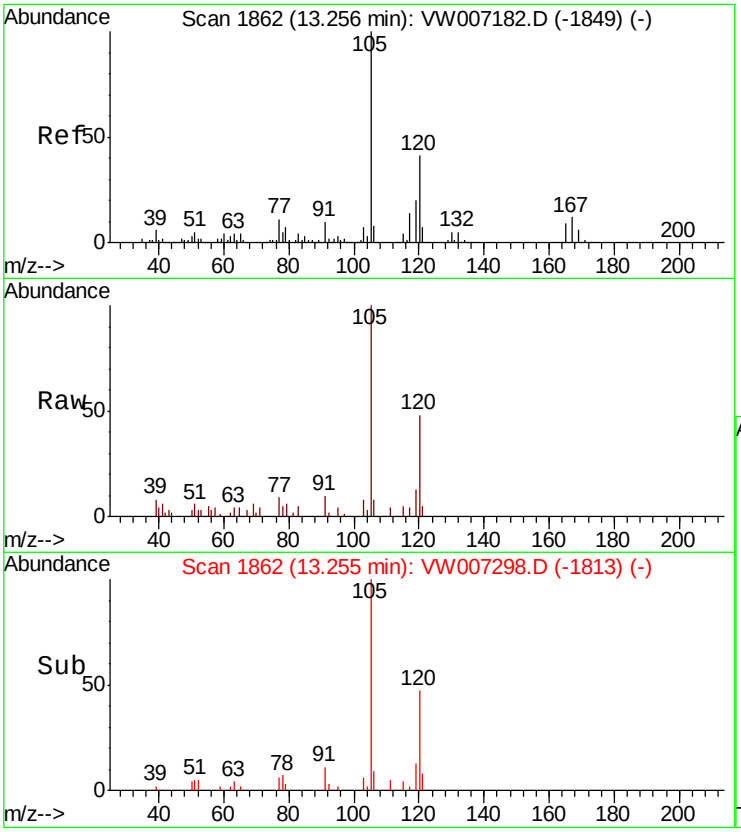


#80
1,3,5-Trimethylbenzene
Concen: 3.436 ug/l
RT: 12.95 min Scan# 1812
Delta R.T. -0.00 min
Lab File: VW007298.D
Acq: 06 Dec 2018 23:49

Tgt Ion:105 Resp: 2821

Ion	Ratio	Lower	Upper
105	100		
120	48.3	23.8	71.5



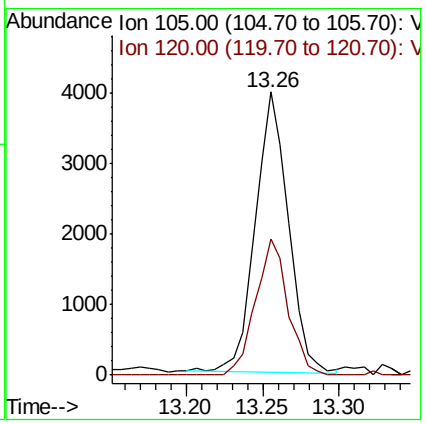


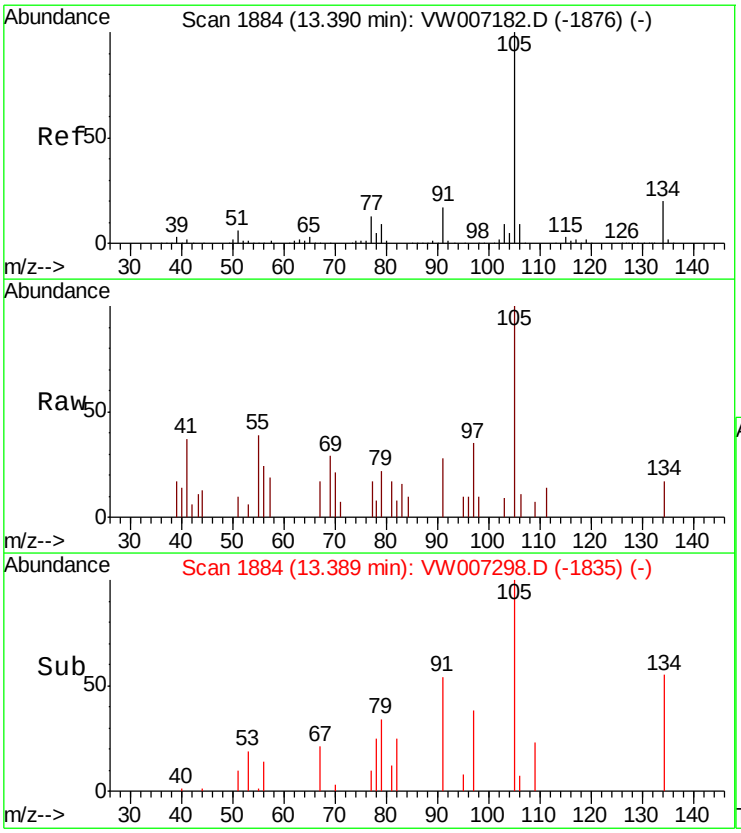
#84
1,2,4-Trimethylbenzene
Concen: 7.080 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. -0.00 min
Lab File: VW007298.D
Acq: 06 Dec 2018 23:49

Instrument :
MSVOA_W
ClientSampleId :
SU-01-120518-ARE

Tgt Ion:105 Resp: 5934

Ion	Ratio	Lower	Upper
105	100		
120	48.0	21.1	63.3

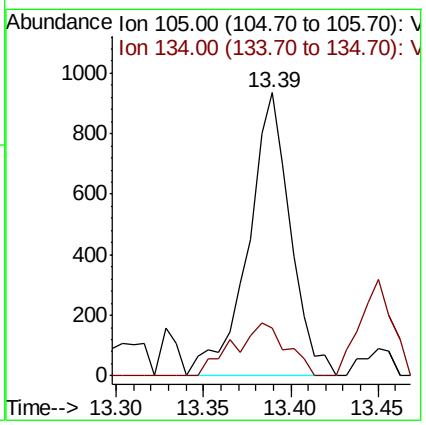


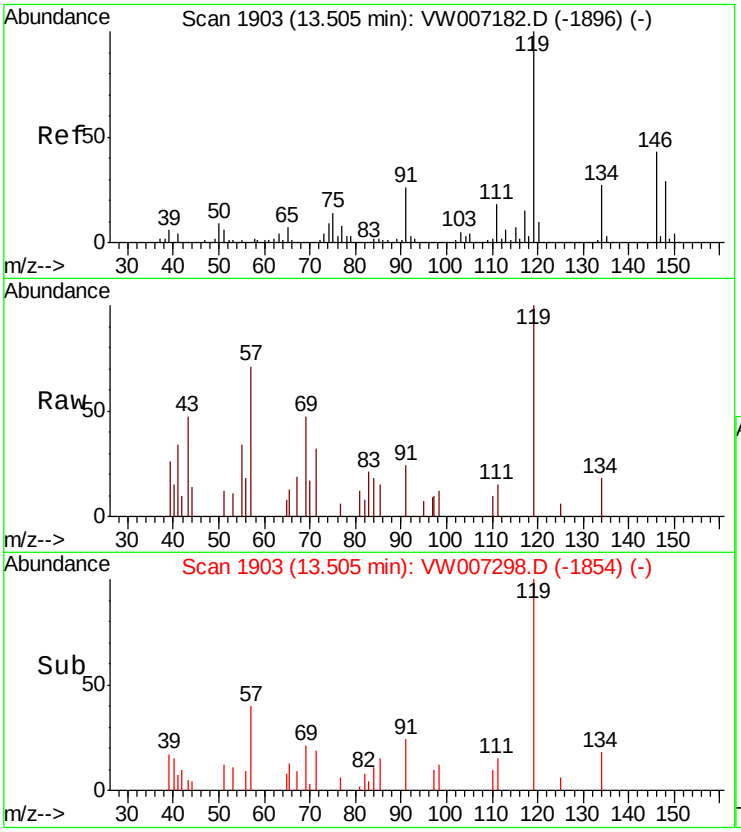


#85
sec-Butylbenzene
Concen: 1.535 ug/l
RT: 13.39 min Scan# 1884
Delta R.T. -0.00 min
Lab File: VW007298.D
Acq: 06 Dec 2018 23:49

Tgt Ion:105 Resp: 1572

Ion	Ratio	Lower	Upper
105	100		
134	23.5	10.3	30.8





#86
p-Isopropyltoluene
Concen: 1.332 ug/l
RT: 13.51 min Scan# 1903
Delta R.T. -0.00 min
Lab File: VW007298.D
Acq: 06 Dec 2018 23:49

Instrument :
MSVOA_W
ClientSampleId :
SU-01-120518-ARE

Tgt Ion:119 Resp: 1215

Ion	Ratio	Lower	Upper
119	100		
134	16.9	13.2	39.6
91	28.8	12.4	37.2