Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW120618\
Data File : VW007290.D
Acq On : 06 Dec 2018 20:25
Operator : SY/AP
Sample : J6214-01RE
Misc : 3.47G/5ML/MSVOA_W/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : SB-8(13-15)RE

Quant Time: Dec 07 02:11:17 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	28746	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	46310	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	36811	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	13109	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	14265	53.30	ug/l	0.00
Spiked Amount 50.000			Recovery = 106.60%			
35) Dibromofluoromethane	7.89	113	12516	47.20	ug/l	0.00
Spiked Amount 50.000			Recovery = 94.40%			
50) Toluene-d8	10.32	98	39447	33.77	ug/l	0.00
Spiked Amount 50.000			Recovery = 67.54%			
62) 4-Bromofluorobenzene	12.62	95	12758	28.94	ug/l	0.00
Spiked Amount 50.000			Recovery = 57.88%			
Target Compounds						Qvalue
73) Isopropylbenzene	12.47	105	1537	1.442	ug/l	95
78) n-propylbenzene	12.81	91	4318	3.399	ug/l	95
80) 1,3,5-Trimethylbenzene	12.94	105	3344	3.666	ug/l	95
84) 1,2,4-Trimethylbenzene	13.26	105	28510	30.621	ug/l	98
85) sec-Butylbenzene	13.39	105	5340	4.693	ug/l #	71
86) p-Isopropyltoluene	13.51	119	4446	4.389	ug/l	93
89) n-Butylbenzene	13.83	91	8458	8.935	ug/l #	74
95) Naphthalene	15.37	128	7924	15.599	ug/l	98

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

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW120618\
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Acq On : 06 Dec 2018 20:25
Operator : SY/AP
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Instrument :
MSVOA_W
ClientSampleId :
SB-8(13-15)RE

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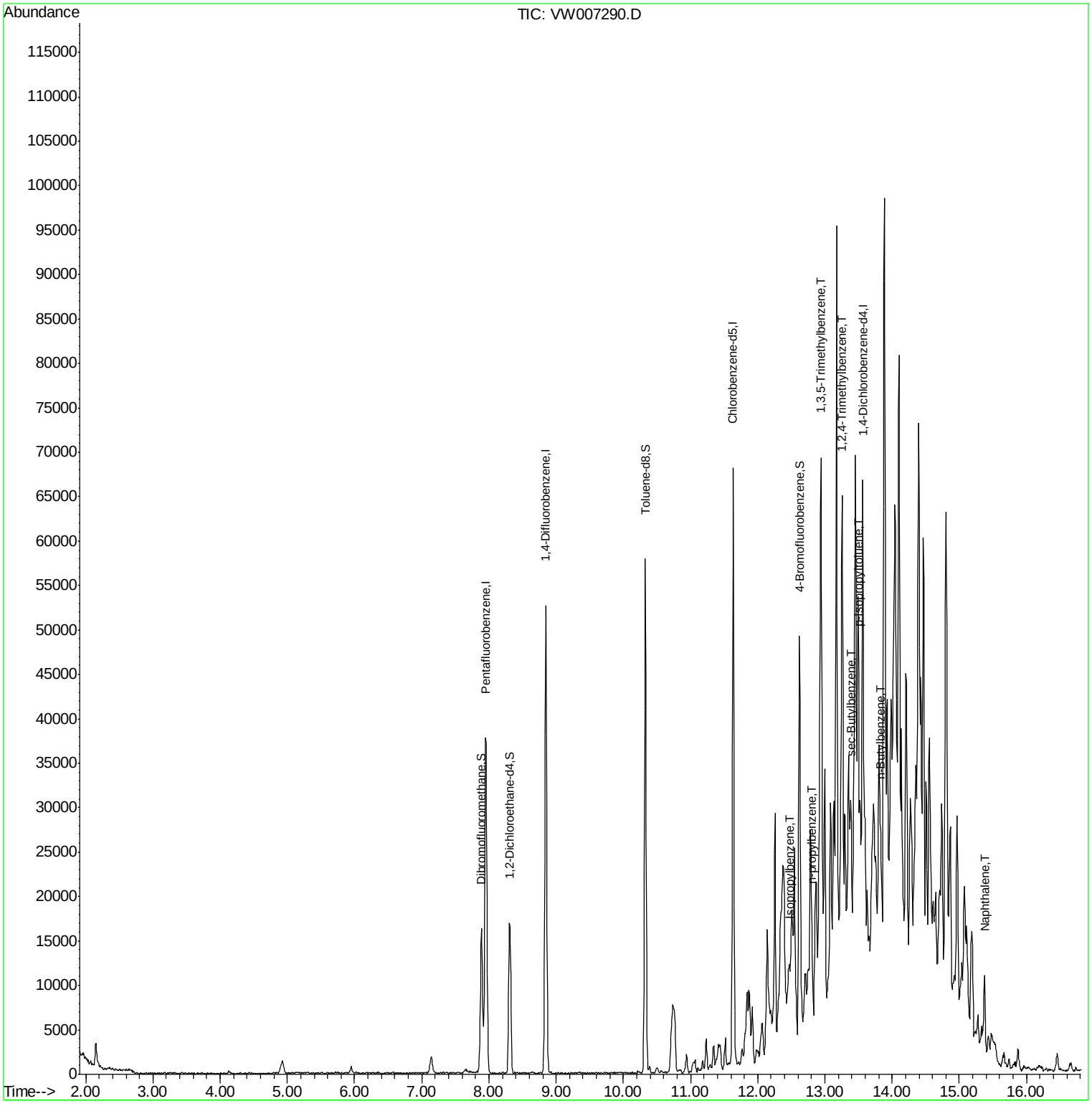
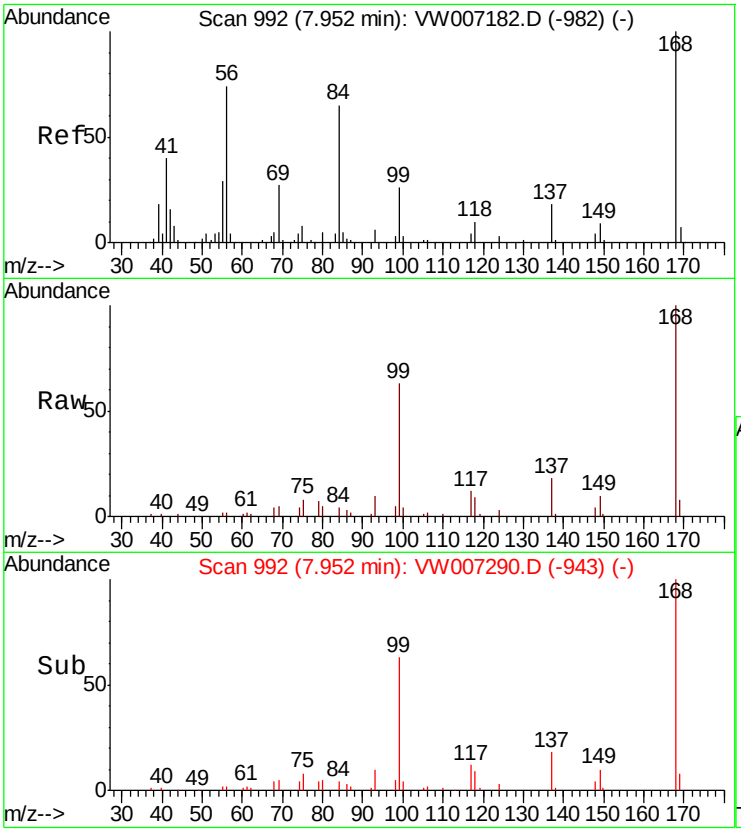
Quant Title : SW846 8260
QLast Update : Wed Dec 05 01:35:23 2018
Response via : Initial Calibration



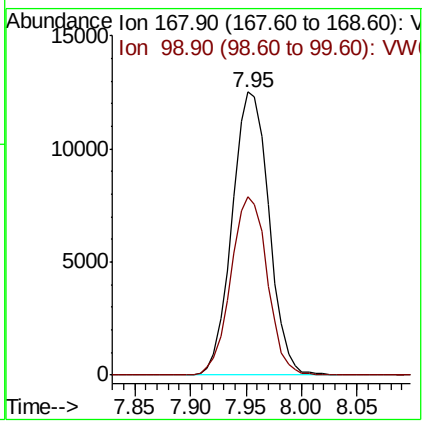


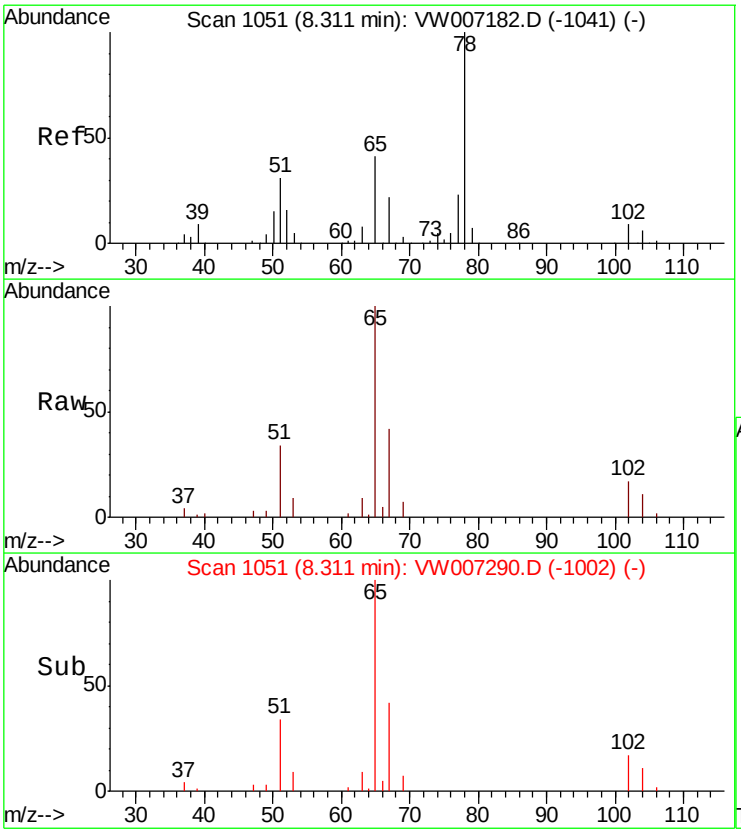
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.00 min
Lab File: VW007290.D
Acq: 06 Dec 2018 20:25

Instrument :
MSVOA_W
ClientSampleId :
SB-8(13-15)RE

Tgt Ion:168 Resp: 28746

Ion	Ratio	Lower	Upper
168	100		
99	62.8	47.8	71.8

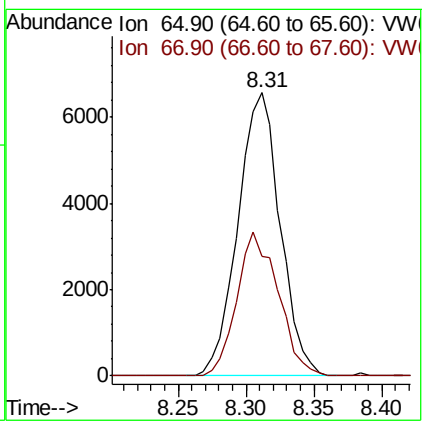


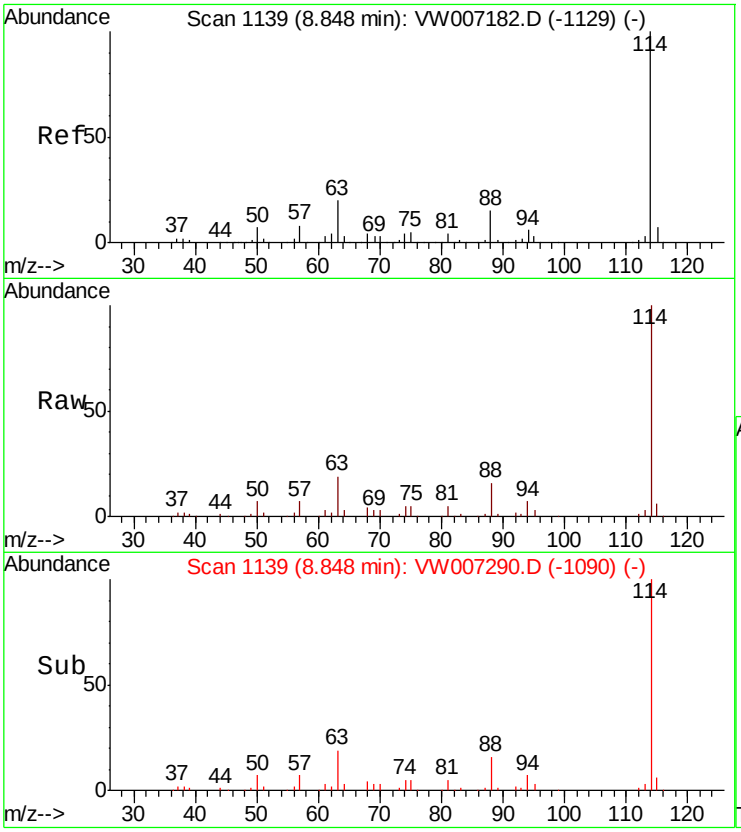


#33
1,2-Dichloroethane-d4
Concen: 53.300 ug/l
RT: 8.31 min Scan# 1051
Delta R.T. 0.00 min
Lab File: VW007290.D
Acq: 06 Dec 2018 20:25

Tgt Ion: 65 Resp: 14265

Ion	Ratio	Lower	Upper
65	100		
67	49.6	0.0	106.4



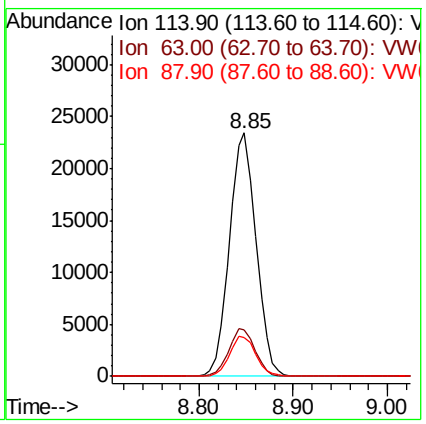


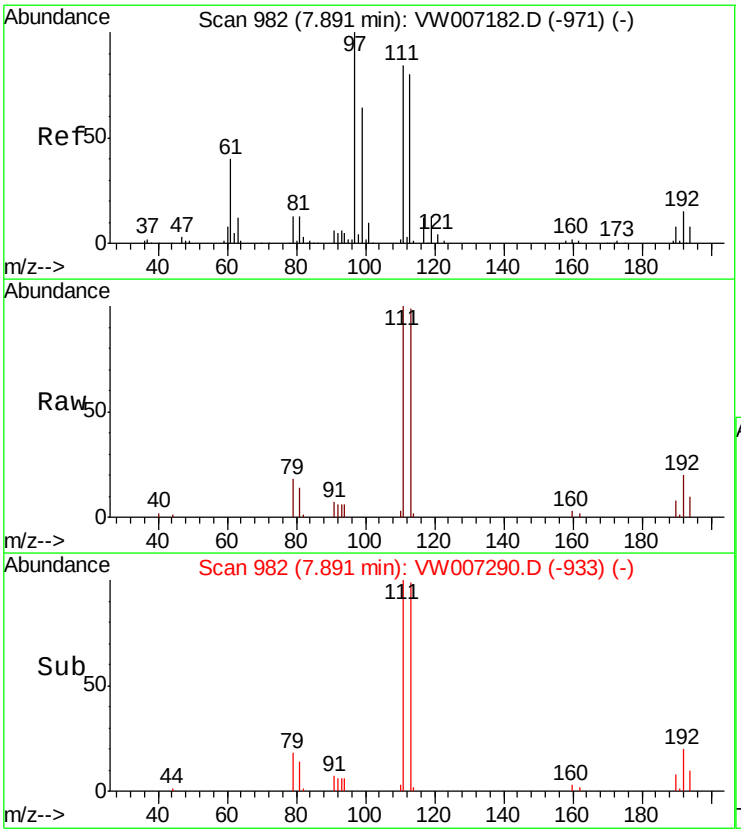
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.85 min Scan# 1139
Delta R.T. -0.00 min
Lab File: VW007290.D
Acq: 06 Dec 2018 20:25

Instrument : MSVOA_W
ClientSampleId : SB-8(13-15)RE

Tgt Ion:114 Resp: 46310

Ion	Ratio	Lower	Upper
114	100		
63	19.0	0.0	40.2
88	16.0	0.0	30.0

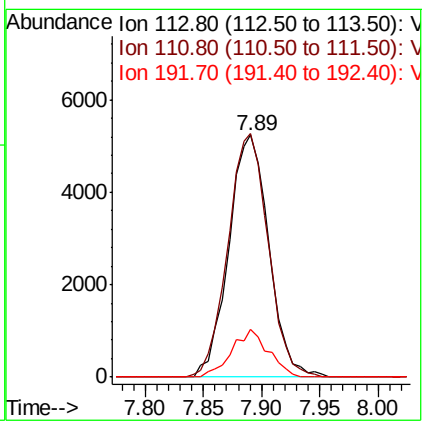


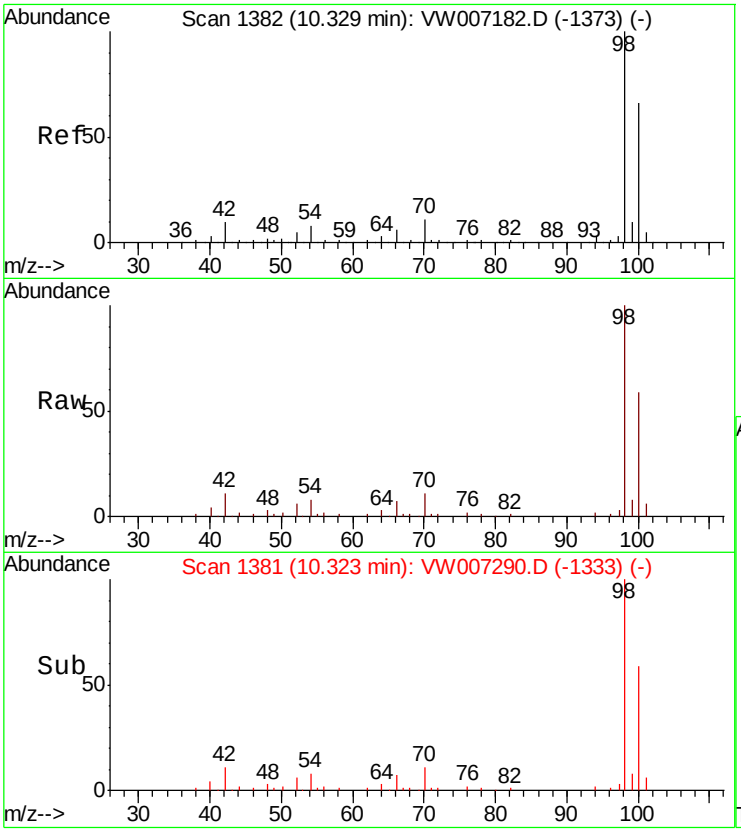


#35
Dibromofluoromethane
Concen: 47.200 ug/l
RT: 7.89 min Scan# 982
Delta R.T. -0.00 min
Lab File: VW007290.D
Acq: 06 Dec 2018 20:25

Tgt Ion:113 Resp: 12516

Ion	Ratio	Lower	Upper
113	100		
111	100.9	82.2	123.4
192	18.1	14.4	21.6



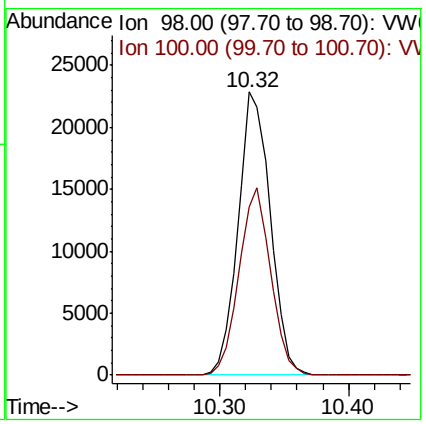


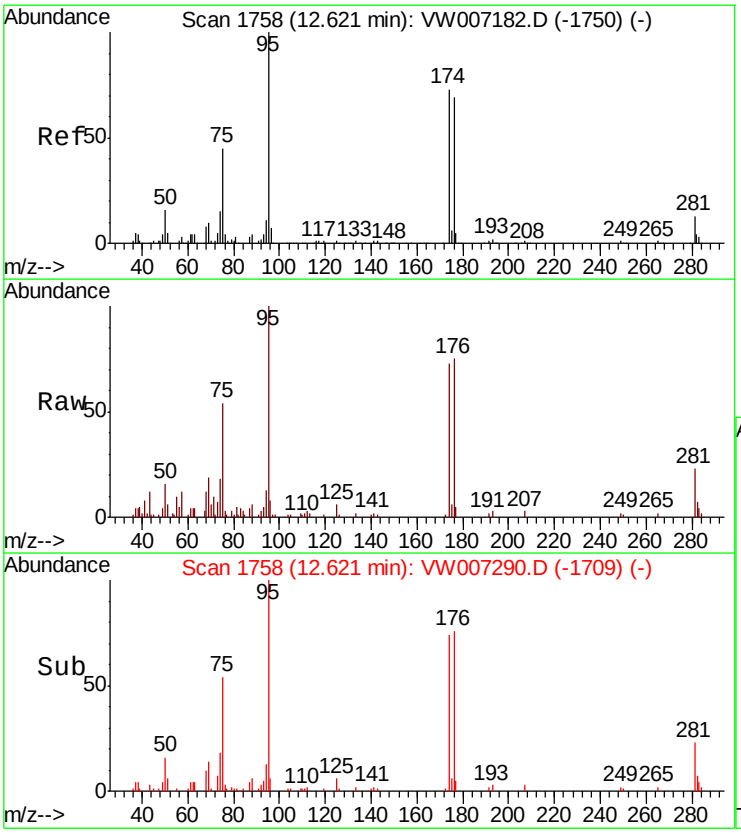
#50
Toluene-d8
Concen: 33.771 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.01 min
Lab File: VW007290.D
Acq: 06 Dec 2018 20:25

Instrument : MSVOA_W
ClientSampleId : SB-8(13-15)RE

Tgt Ion: 98 Resp: 39447

Ion	Ratio	Lower	Upper
98	100		
100	65.2	52.7	79.1

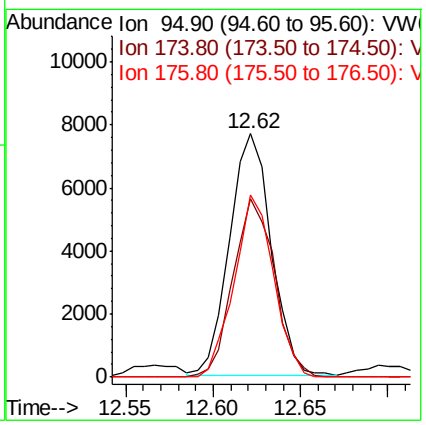


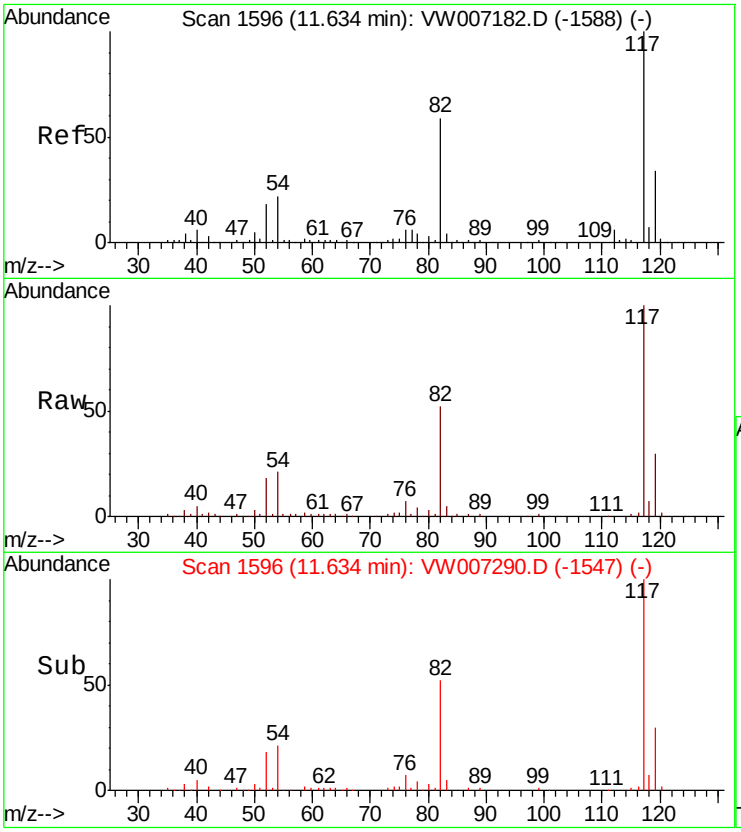


#62
4-Bromofluorobenzene
Concen: 28.938 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW007290.D
Acq: 06 Dec 2018 20:25

Tgt Ion: 95 Resp: 12758

Ion	Ratio	Lower	Upper
95	100		
174	73.4	0.0	148.0
176	70.9	0.0	139.4



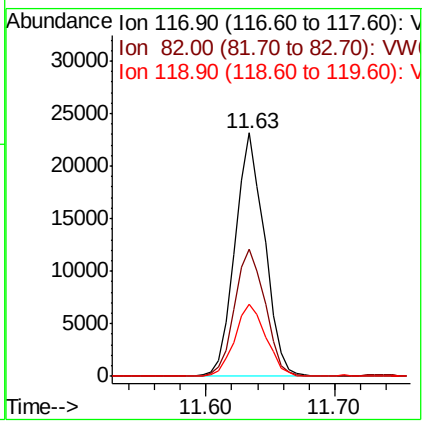


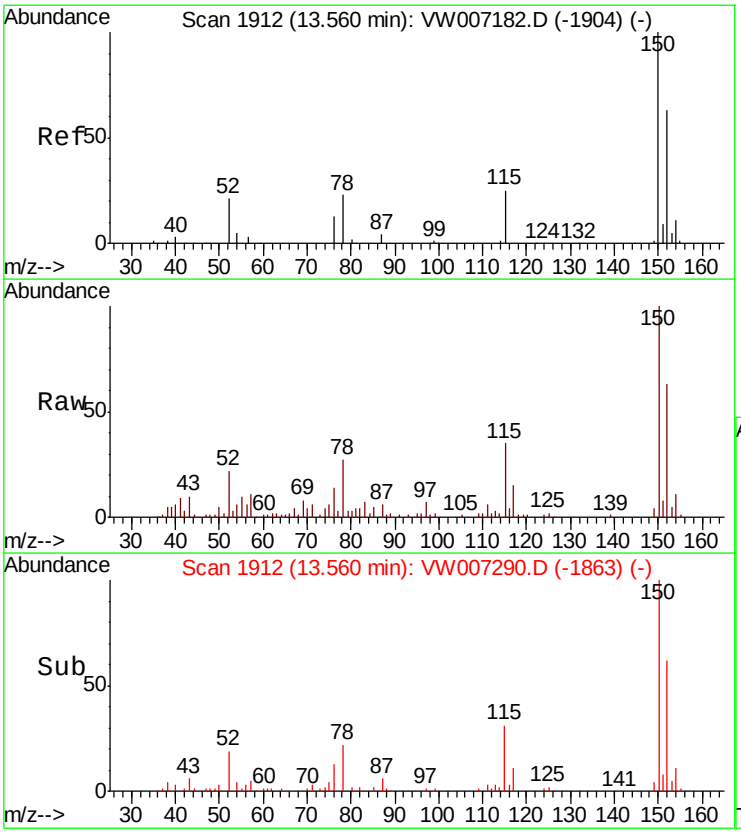
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007290.D
Acq: 06 Dec 2018 20:25

Instrument : MSVOA_W
ClientSampleId : SB-8(13-15)RE

Tgt Ion:117 Resp: 36811

Ion	Ratio	Lower	Upper
117	100		
82	52.3	47.4	71.2
119	29.6	26.8	40.2

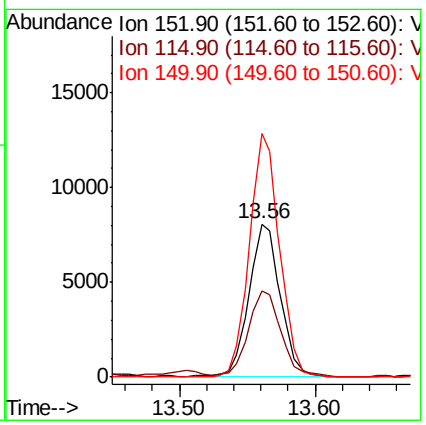


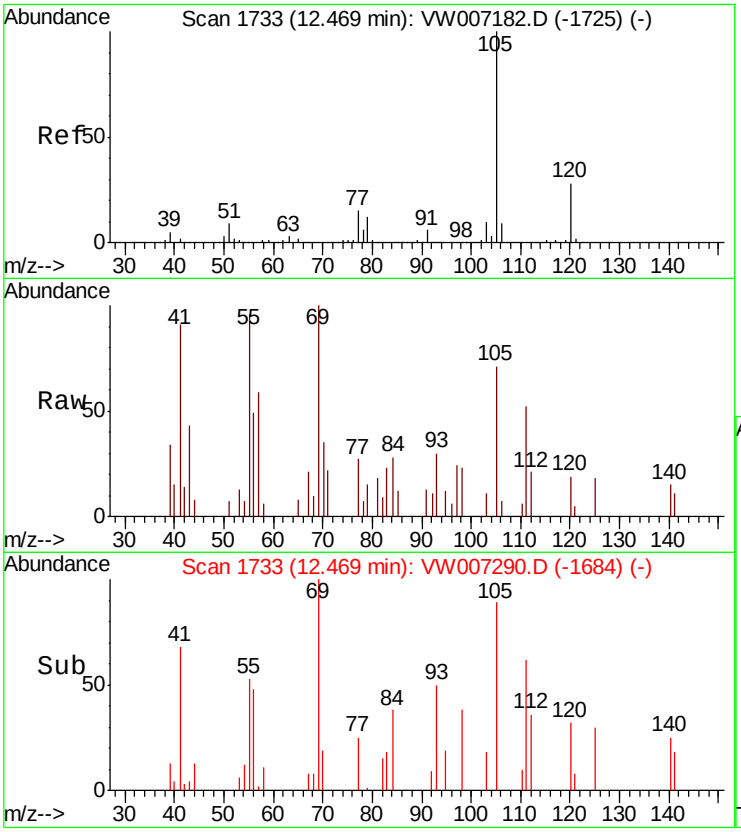


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW007290.D
Acq: 06 Dec 2018 20:25

Tgt Ion:152 Resp: 13109

Ion	Ratio	Lower	Upper
152	100		
115	59.1	31.3	93.8
150	151.9	0.0	358.0



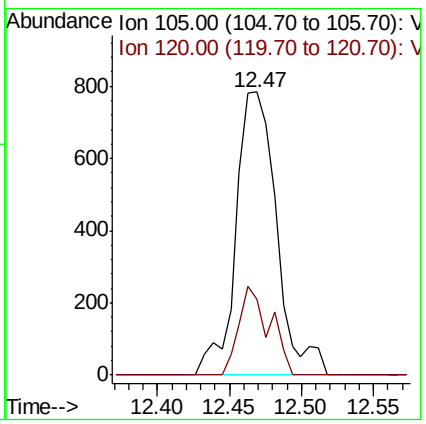


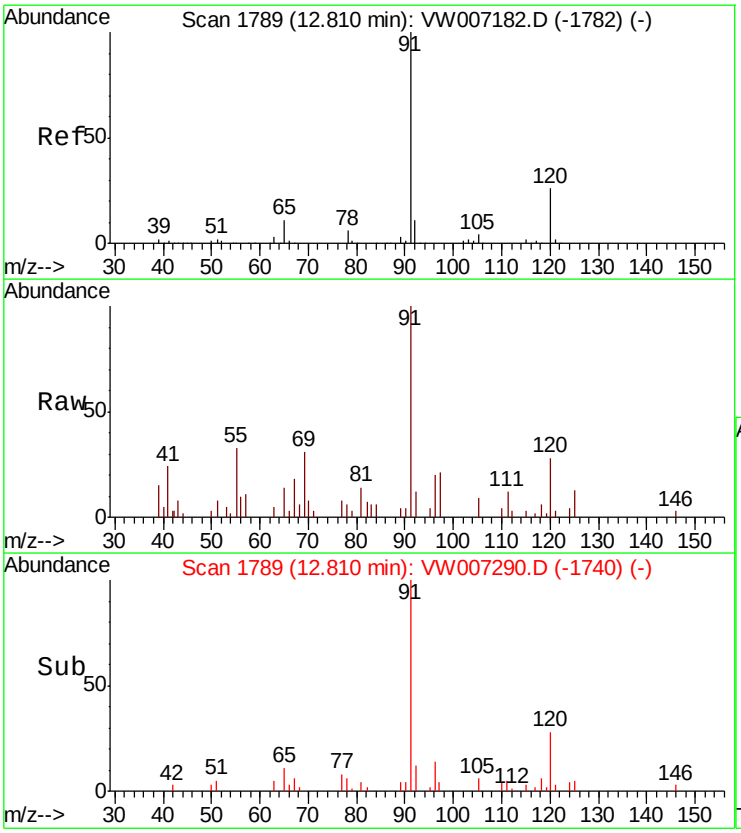
#73
Isopropylbenzene
Concen: 1.442 ug/l
RT: 12.47 min Scan# 1733
Delta R.T. -0.00 min
Lab File: VW007290.D
Acq: 06 Dec 2018 20:25

Instrument :
MSVOA_W
ClientSampleId :
SB-8(13-15)RE

Tgt Ion:105 Resp: 1537

Ion	Ratio	Lower	Upper
105	100		
120	23.7	13.2	39.6

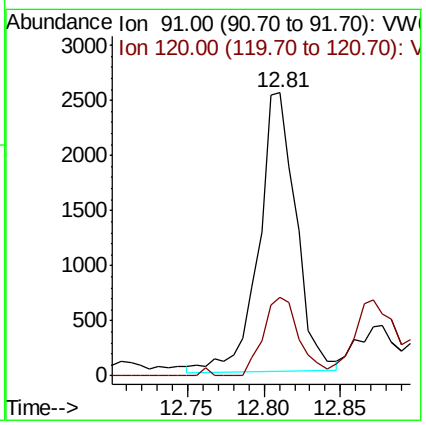


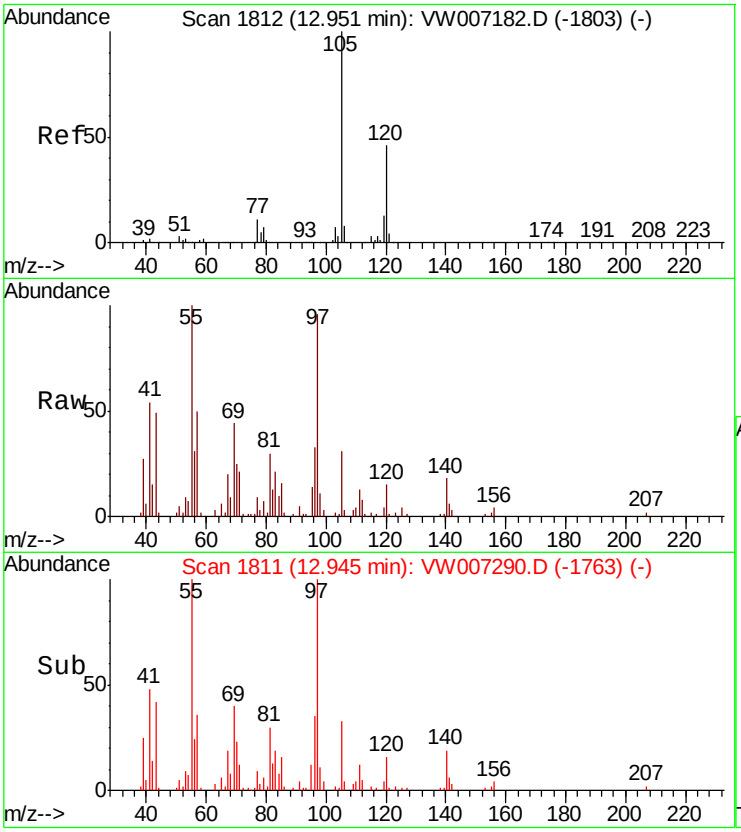


#78
n-propylbenzene
Concen: 3.399 ug/l
RT: 12.81 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VW007290.D
Acq: 06 Dec 2018 20:25

Tgt Ion: 91 Resp: 4318

Ion	Ratio	Lower	Upper
91	100		
120	27.3	12.5	37.5



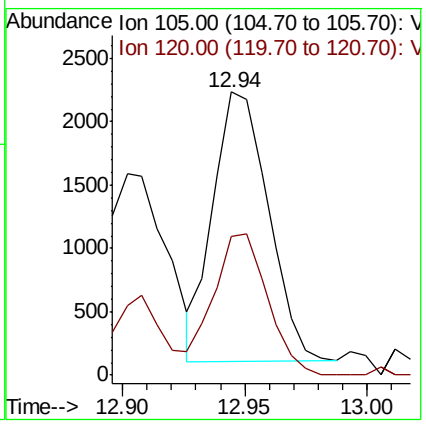


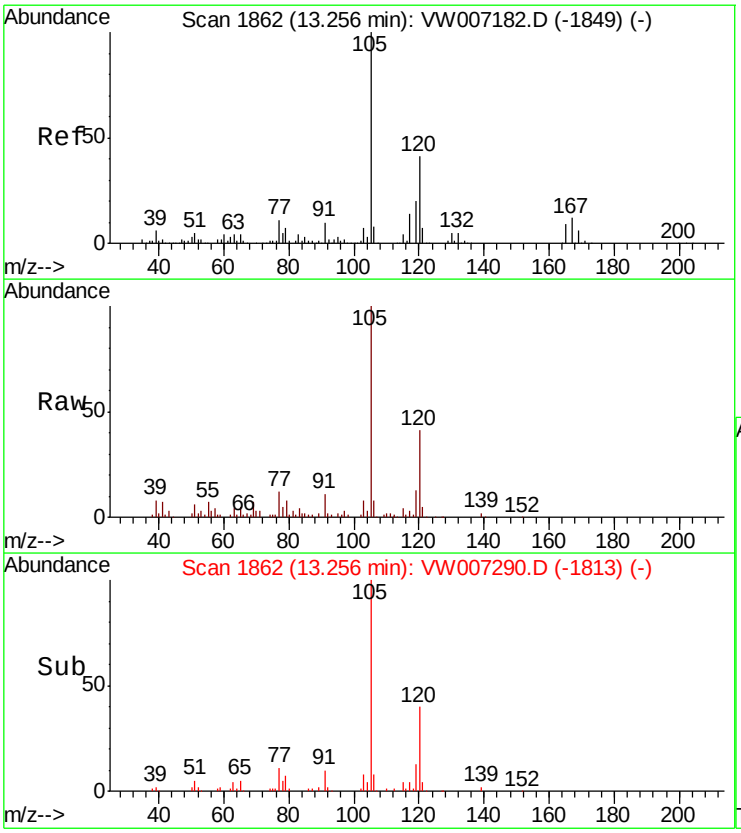
#80
1,3,5-Trimethylbenzene
Concen: 3.666 ug/l
RT: 12.94 min Scan# 1811
Delta R.T. -0.01 min
Lab File: VW007290.D
Acq: 06 Dec 2018 20:25

Instrument :
MSVOA_W
ClientSampleId :
SB-8(13-15)RE

Tgt Ion:105 Resp: 3344

Ion	Ratio	Lower	Upper
105	100		
120	51.3	23.8	71.5

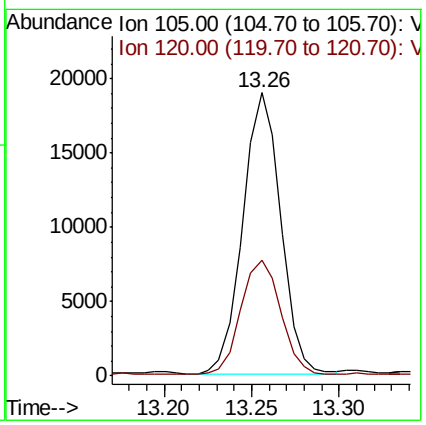


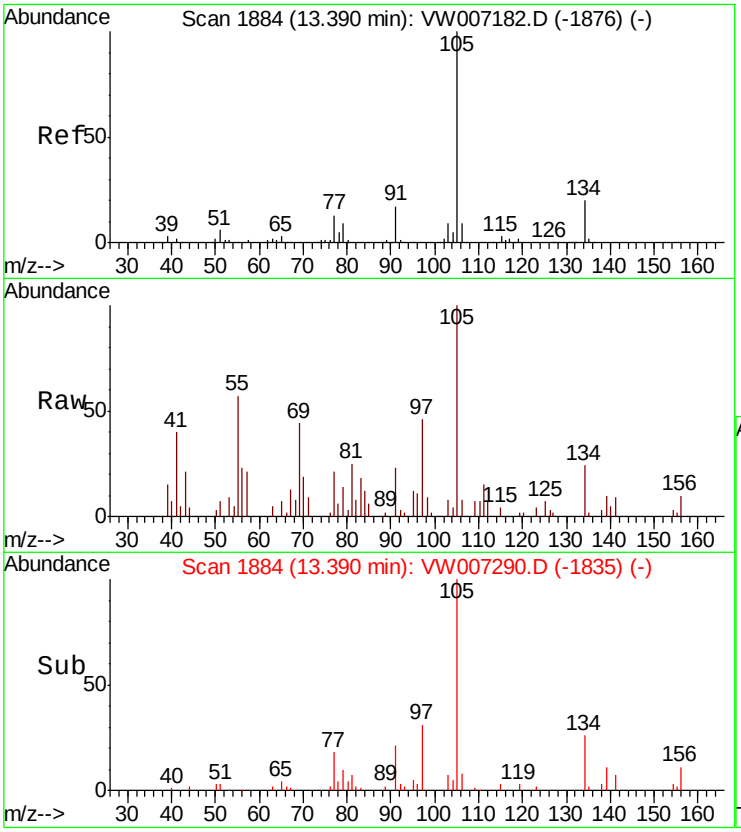


#84
1,2,4-Trimethylbenzene
Concen: 30.621 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. 0.00 min
Lab File: VW007290.D
Acq: 06 Dec 2018 20:25

Tgt Ion:105 Resp: 28510

Ion	Ratio	Lower	Upper
105	100		
120	43.2	21.1	63.3



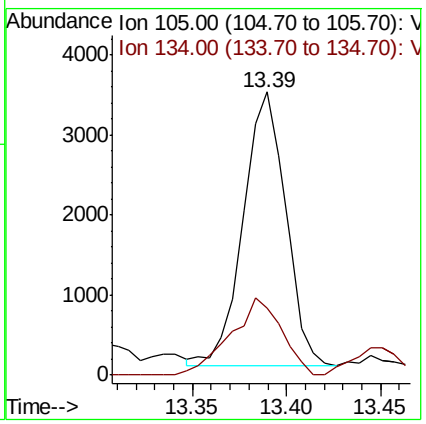


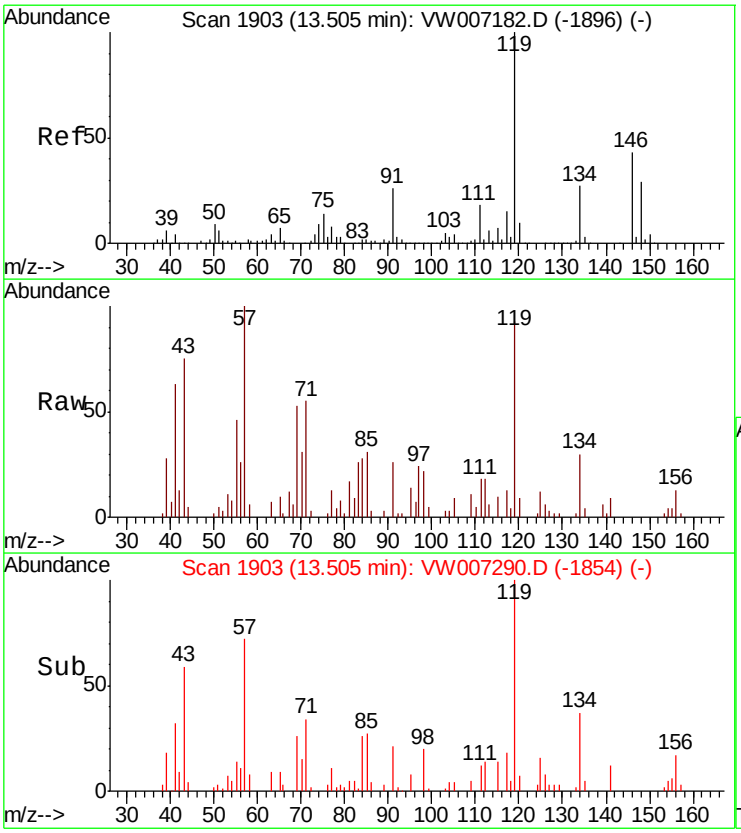
#85
sec-Butylbenzene
Concen: 4.693 ug/l
RT: 13.39 min Scan# 1884
Delta R.T. -0.00 min
Lab File: VW007290.D
Acq: 06 Dec 2018 20:25

Instrument :
MSVOA_W
ClientSampleId :
SB-8(13-15)RE

Tgt Ion:105 Resp: 5340

Ion	Ratio	Lower	Upper
105	100		
134	33.8	10.3	30.8#

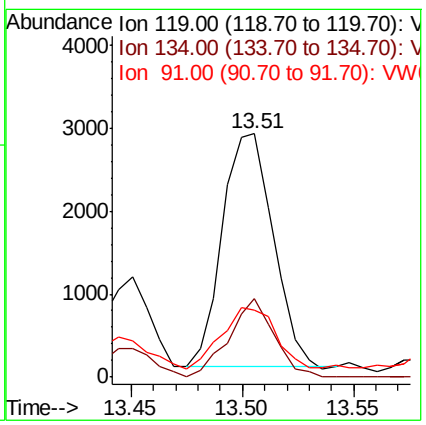


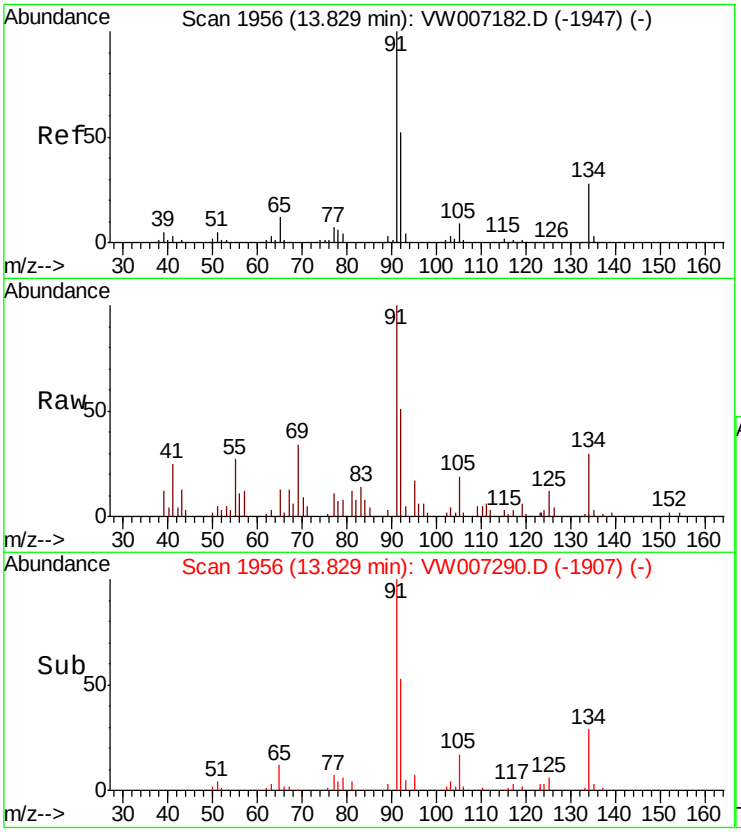


#86
p-Isopropyltoluene
Concen: 4.389 ug/l
RT: 13.51 min Scan# 1903
Delta R.T. -0.00 min
Lab File: VW007290.D
Acq: 06 Dec 2018 20:25

Tgt Ion:119 Resp: 4446

Ion	Ratio	Lower	Upper
119	100		
134	30.2	13.2	39.6
91	28.0	12.4	37.2



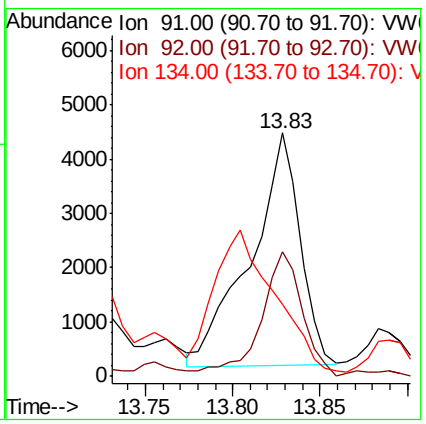


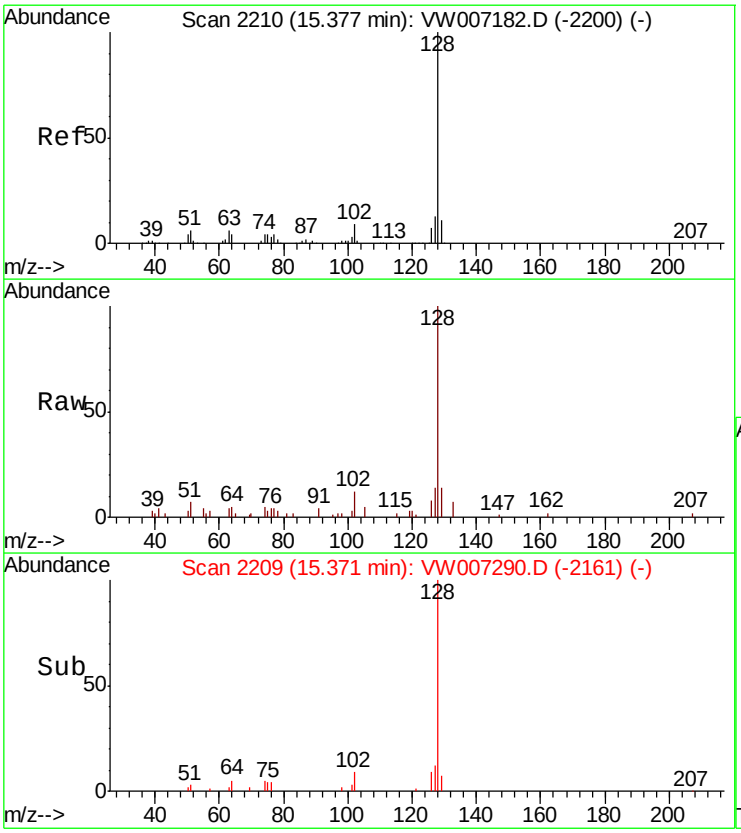
#89
n-Butylbenzene
Concen: 8.935 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. 0.00 min
Lab File: VW007290.D
Acq: 06 Dec 2018 20:25

Instrument : MSVOA_W
ClientSampleId : SB-8(13-15)RE

Tgt Ion: 91 Resp: 8458

Ion	Ratio	Lower	Upper
91	100		
92	45.1	26.5	79.5
134	0.0	14.1	42.2#





#95
Naphthalene
Concen: 15.599 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. -0.01 min
Lab File: VW007290.D
Acq: 06 Dec 2018 20:25

Tgt Ion:128 Resp: 7924

Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.3	15.5
129	12.4	8.6	13.0