Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW122118\
Data File : VW007709.D
Acq On : 19 Dec 2018 19:36
Operator : SY/AP
Sample : J6452-01
Misc : 7.47G/5ML/MSVOA W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : MIHPT-20(17-20)

Quant Time: Dec 20 07:17:33 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W122118S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 20 06:30:23 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	65144	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	109333	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	85814	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	36133	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	32864	46.03	ug/l	0.00
Spiked Amount 50.000			Recovery = 92.06%			
35) Dibromofluoromethane	7.88	113	28491	42.72	ug/l	0.00
Spiked Amount 50.000			Recovery = 85.44%			
50) Toluene-d8	10.32	98	94827	37.71	ug/l	0.00
Spiked Amount 50.000			Recovery = 75.42%			
62) 4-Bromofluorobenzene	12.62	95	36417	37.49	ug/l	0.00
Spiked Amount 50.000			Recovery = 74.98%			
Target Compounds						Qvalue
11) Tert butyl alcohol	5.18	59	1709	35.482	ug/l #	73
16) Acetone	4.12	43	15326	114.626	ug/l #	88
25) 2-Butanone	7.18	43	2446	15.619	ug/l	91
31) Cyclohexane	7.93	56	10278	9.670	ug/l #	75
39) Methylcyclohexane	9.34	83	40669	31.015	ug/l	95
40) Benzene	8.32	78	272922	96.920	ug/l	100
52) Toluene	10.39	92	3657	1.936	ug/l	98
65) Chlorobenzene	11.66	112	3504080	1886.571	ug/l	98
67) Ethyl Benzene	11.73	91	33273	10.439	ug/l	95
68) m/p-Xylenes	11.84	106	10534	8.520	ug/l	91
69) o-Xylene	12.17	106	17865	15.415	ug/l	91
73) Isopropylbenzene	12.47	105	18843	6.899	ug/l	97
78) n-propylbenzene	12.80	91	60388	18.994	ug/l	98
80) 1,3,5-Trimethylbenzene	12.94	105	24595	10.440	ug/l	98
83) tert-Butylbenzene	13.21	119	3871	1.873	ug/l	83
84) 1,2,4-Trimethylbenzene	13.26	105	151424	63.698	ug/l	100
85) sec-Butylbenzene	13.39	105	34771	12.205	ug/l #	67
86) p-Isopropyltoluene	13.51	119	19255	7.433	ug/l	98
87) 1,3-Dichlorobenzene	13.51	146	79230	63.752	ug/l	93
88) 1,4-Dichlorobenzene	13.58	146	243142	195.586	ug/l	99
89) n-Butylbenzene	13.83	91	37834	15.929	ug/l #	76
95) Naphthalene	15.37	128	96600	67.646	ug/l #	92

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

Quantitation Report (QT Reviewed)

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ClientSampleId :
MIHPT-20(17-20)

Quant Time: Dec 20 07:17:33 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W122118S.M
Quant Title : SW846 8260
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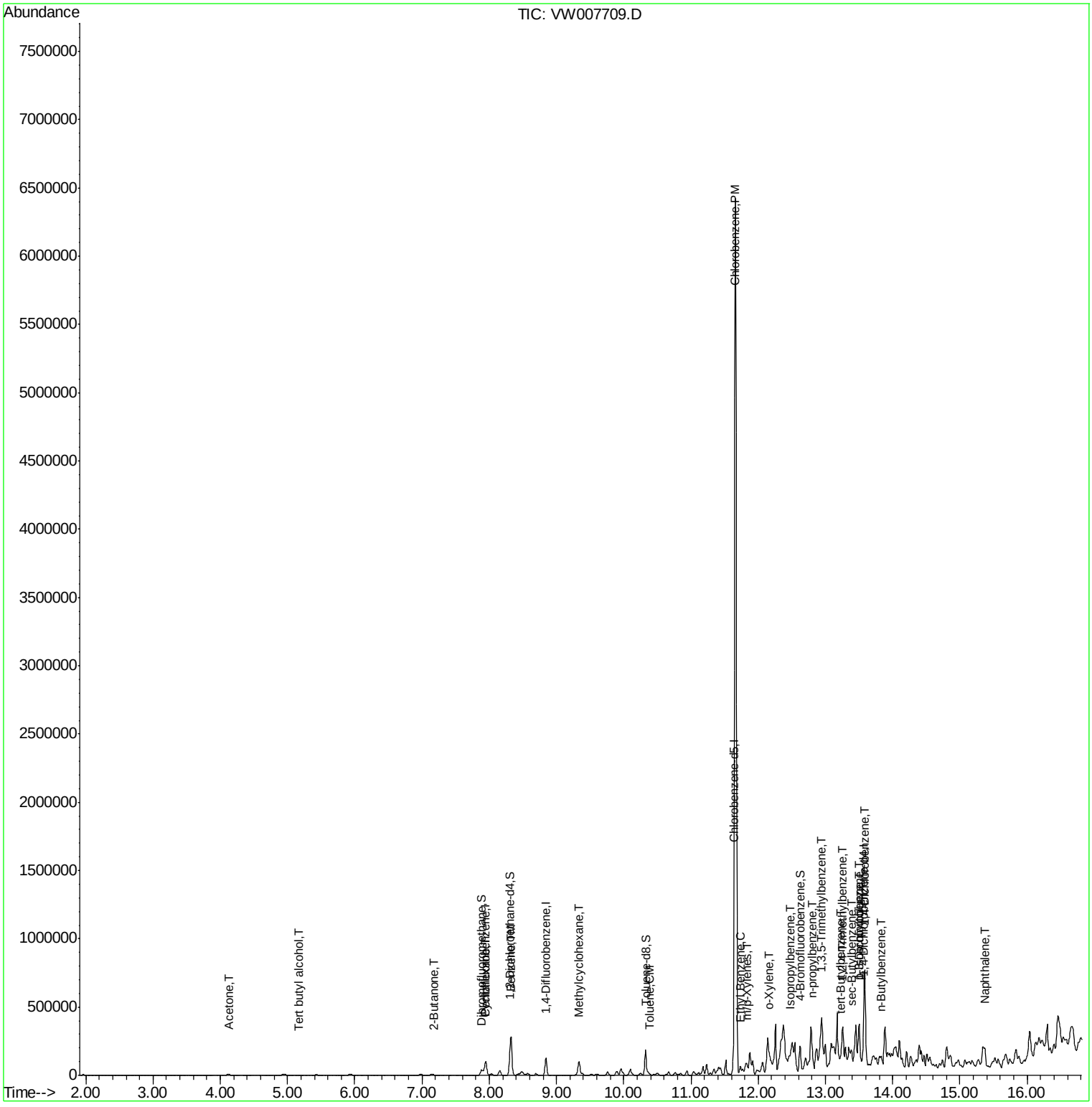
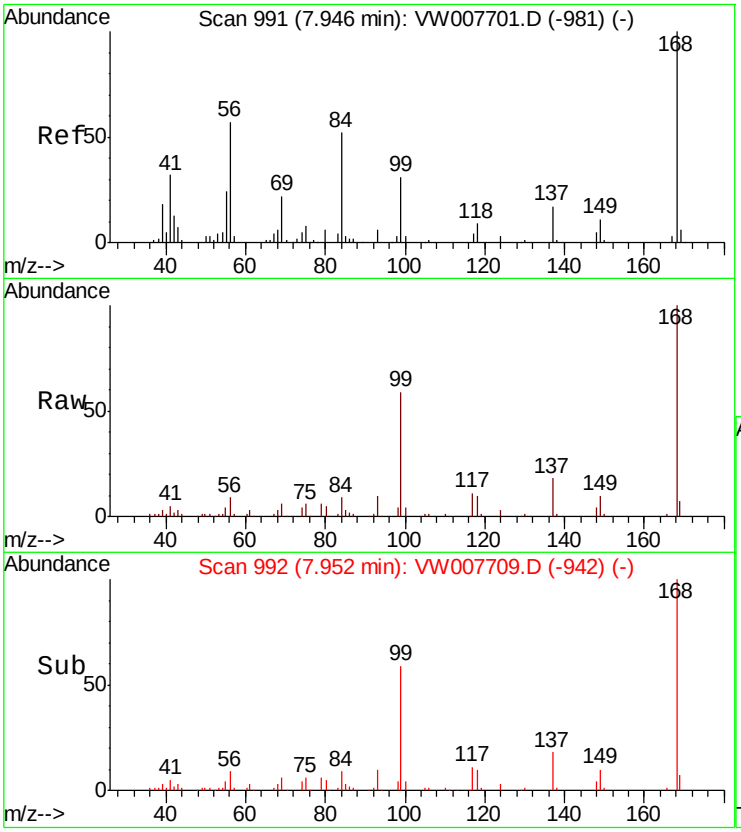
Response via : Initial Calibration



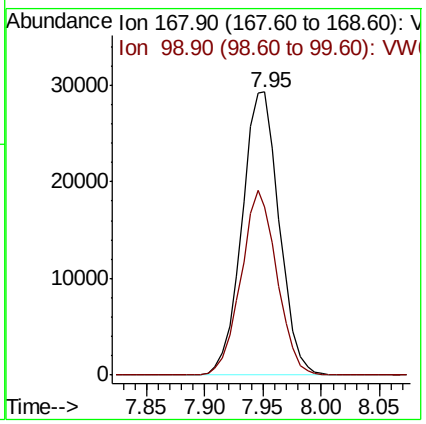


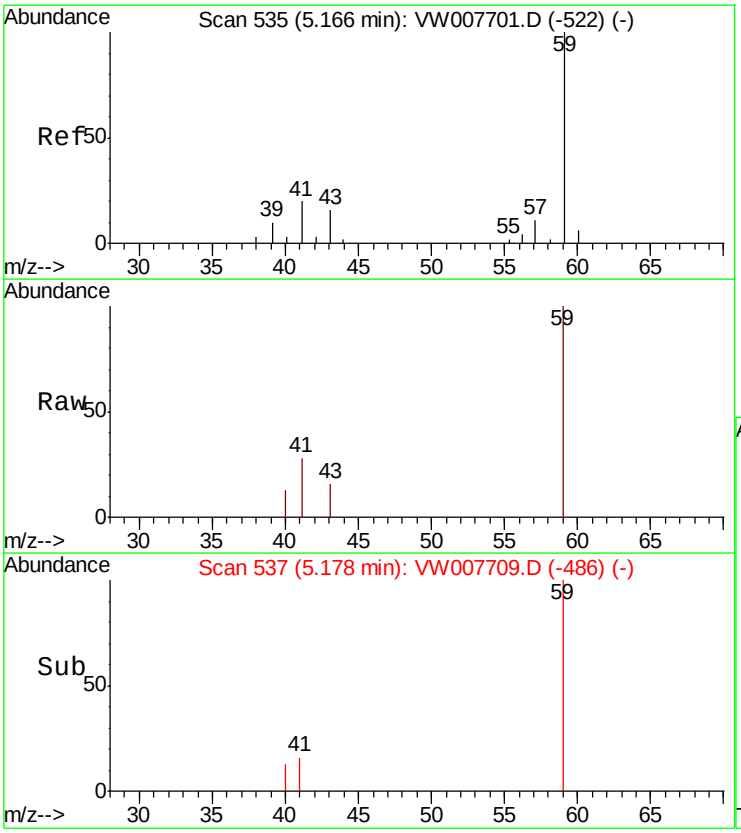
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.95 min Scan# 992
Delta R.T. 0.01 min
Lab File: VW007709.D
Acq: 19 Dec 2018 19:36

Instrument :
MSVOA_W
ClientSampleId :
MIHPT-20(17-20)

Tgt Ion:168 Resp: 65144

Ion	Ratio	Lower	Upper
168	100		
99	59.2	54.0	81.0

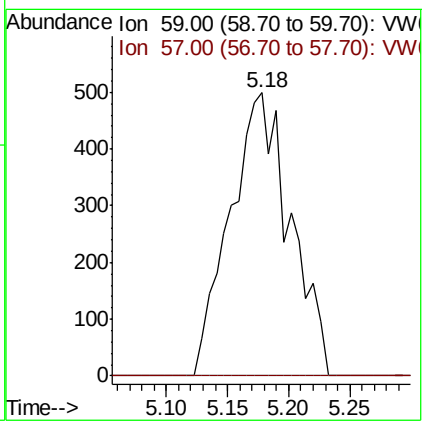


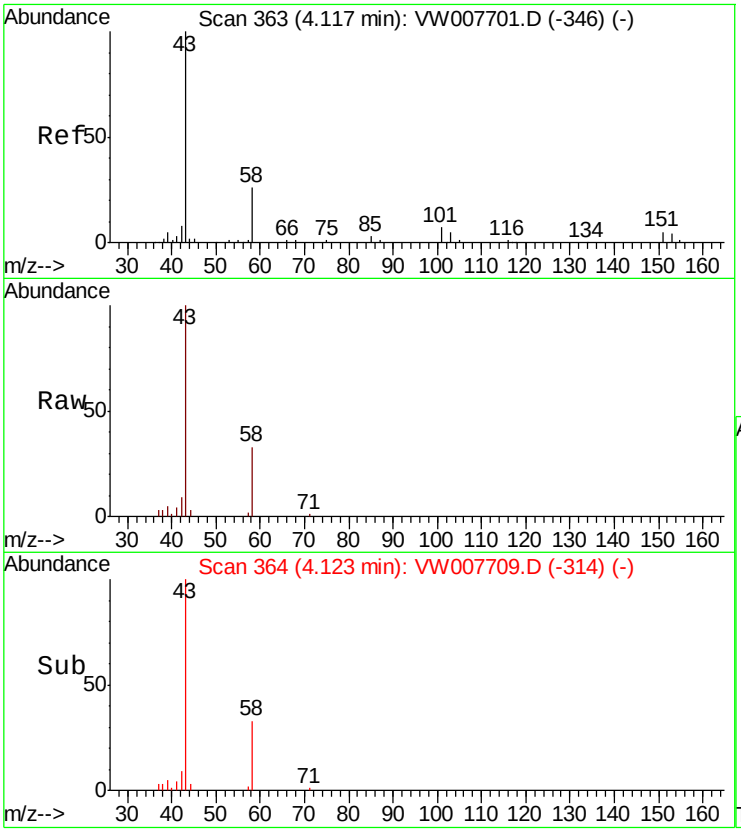


#11
Tert butyl alcohol
Concen: 35.482 ug/l
RT: 5.18 min Scan# 537
Delta R.T. 0.01 min
Lab File: VW007709.D
Acq: 19 Dec 2018 19:36

Tgt Ion: 59 Resp: 1709

Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.8	11.8#



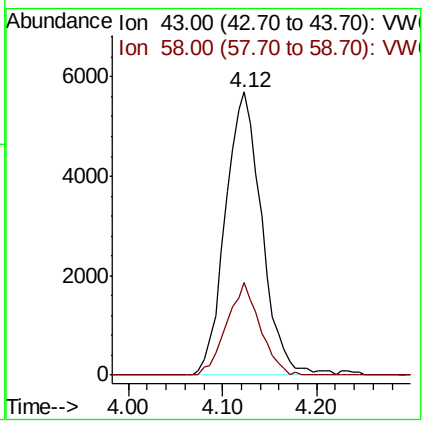


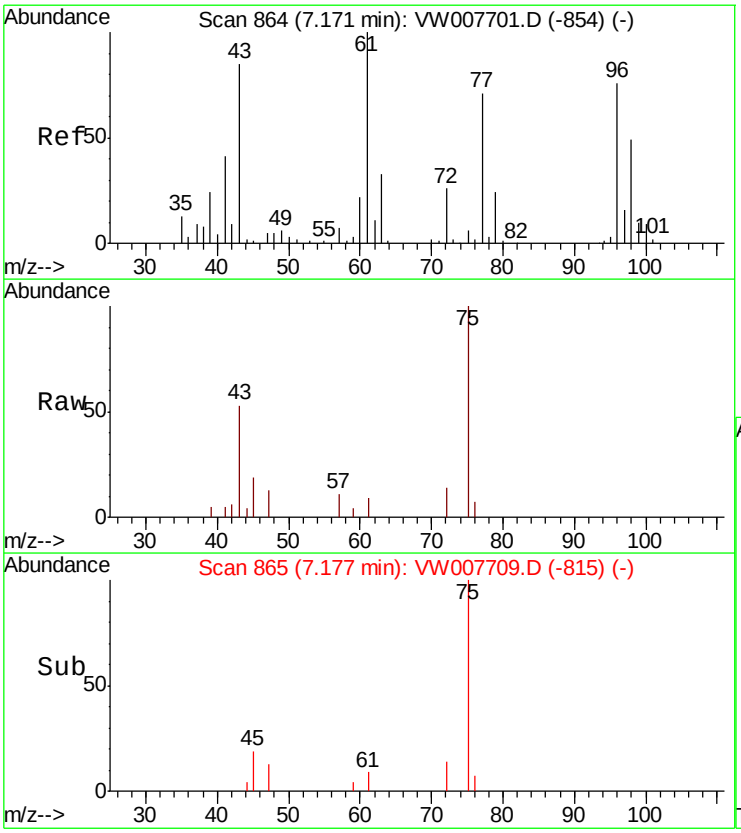
#16
Acetone
Concen: 114.626 ug/l
RT: 4.12 min Scan# 364
Delta R.T. 0.01 min
Lab File: VW007709.D
Acq: 19 Dec 2018 19:36

Instrument :
MSVOA_W
ClientSampleId :
MIHPT-20(17-20)

Tgt Ion: 43 Resp: 15326

Ion	Ratio	Lower	Upper
43	100		
58	32.8	21.2	31.8#

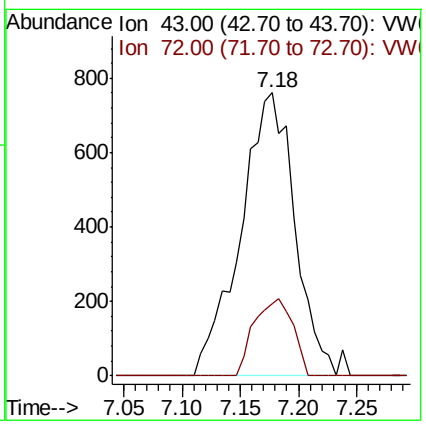


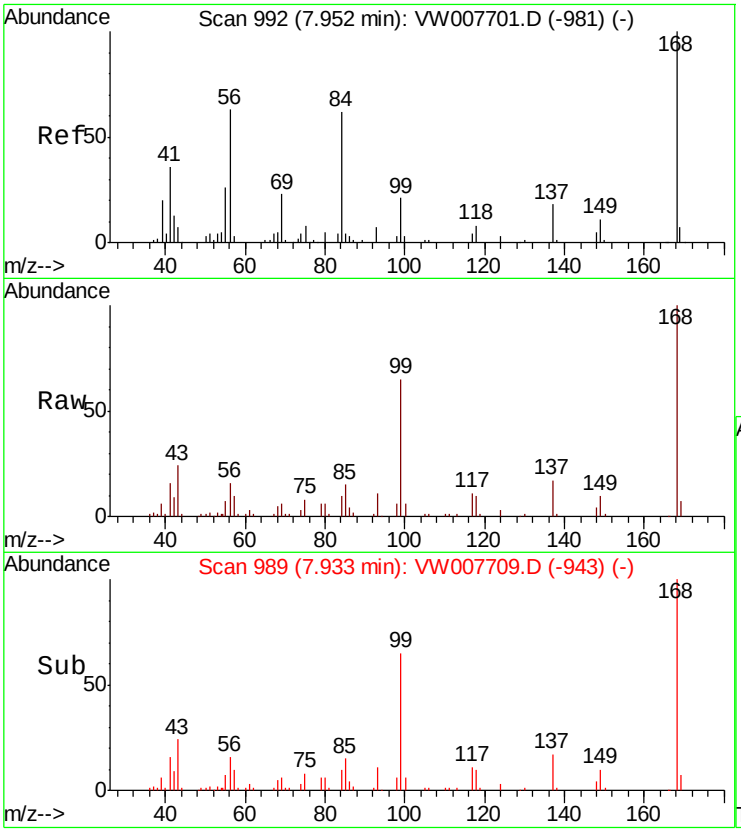


#25
2-Butanone
Concen: 15.619 ug/l
RT: 7.18 min Scan# 865
Delta R.T. 0.01 min
Lab File: VW007709.D
Acq: 19 Dec 2018 19:36

Tgt Ion: 43 Resp: 2446

Ion	Ratio	Lower	Upper
43	100		
72	25.6	24.5	36.7



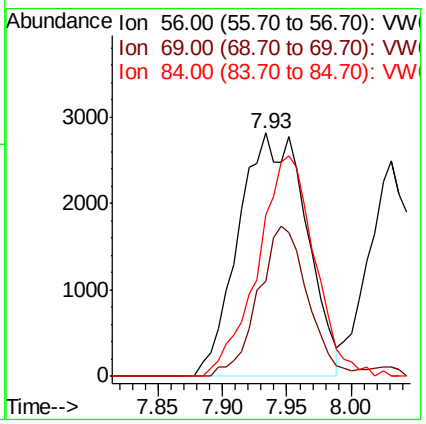


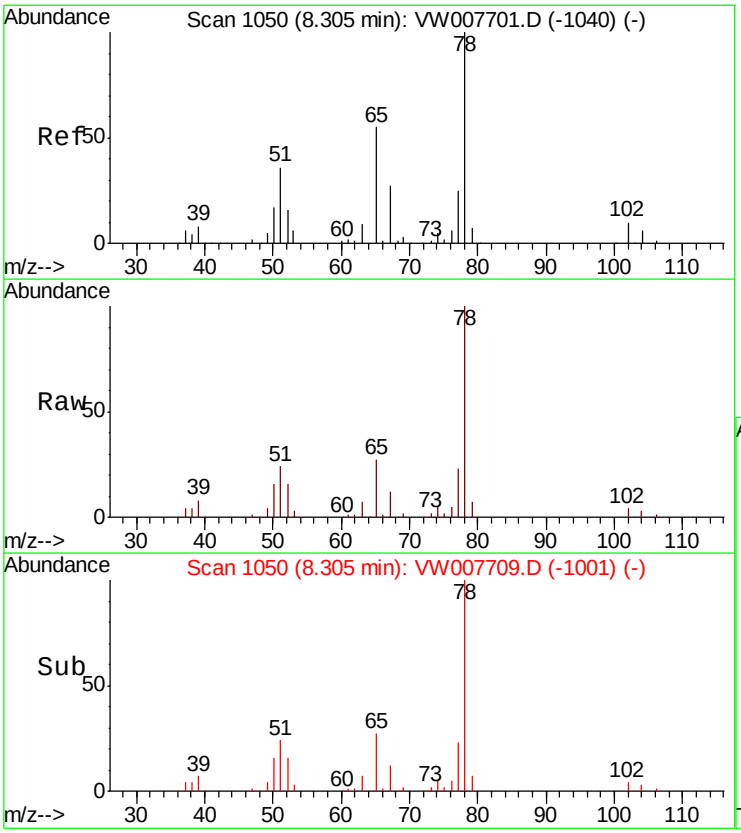
#31
Cyclohexane
Concen: 9.670 ug/l
RT: 7.93 min Scan# 989
Delta R.T. -0.02 min
Lab File: VW007709.D
Acq: 19 Dec 2018 19:36

Instrument : MSVOA_W
ClientSampleId : MIHPT-20(17-20)

Tgt Ion: 56 Resp: 10278

Ion	Ratio	Lower	Upper
56	100		
69	39.1	29.7	44.5
84	66.4	78.9	118.3#

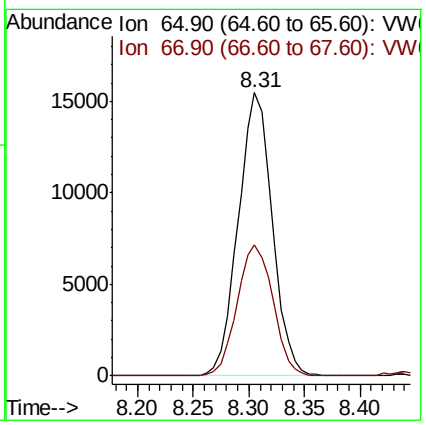


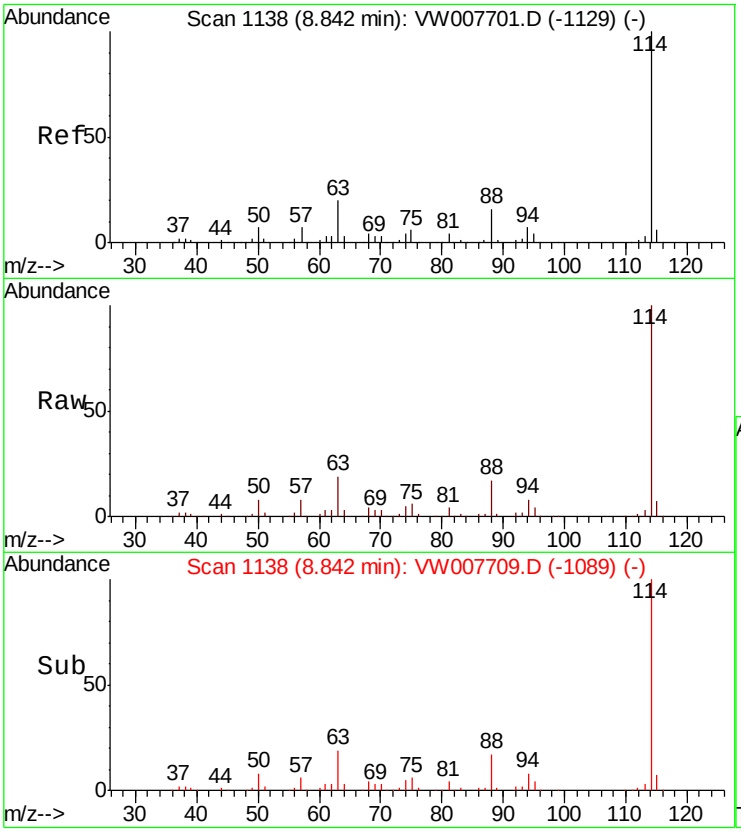


#33
1,2-Dichloroethane-d4
Concen: 46.028 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW007709.D
Acq: 19 Dec 2018 19:36

Tgt Ion: 65 Resp: 32864

Ion	Ratio	Lower	Upper
65	100		
67	48.6	0.0	100.6



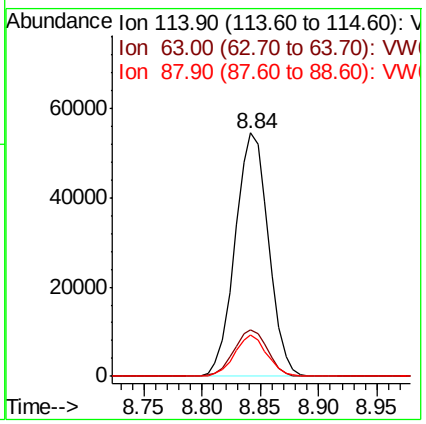


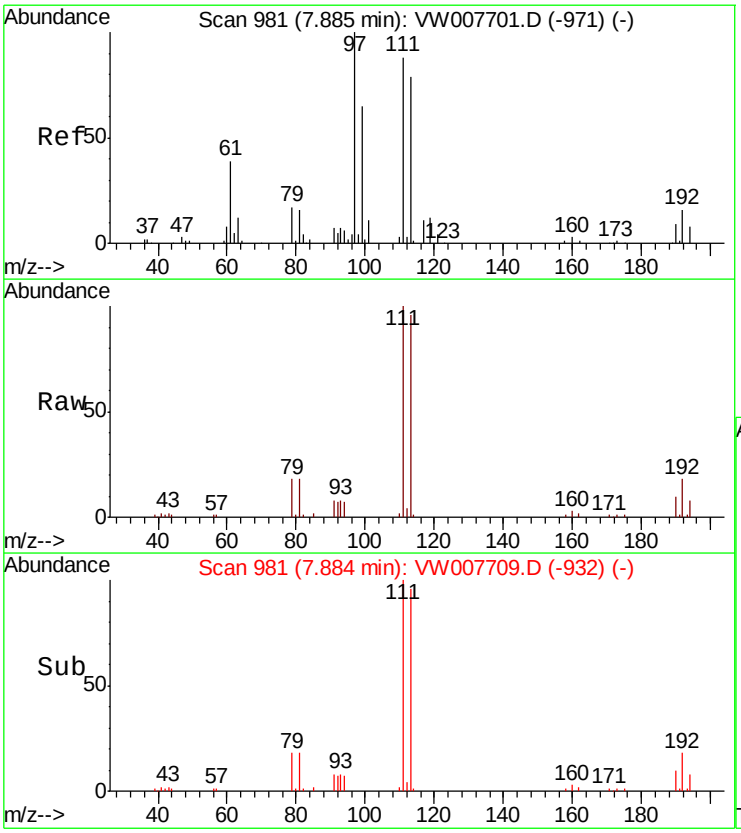
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. -0.00 min
Lab File: VW007709.D
Acq: 19 Dec 2018 19:36

Instrument :
MSVOA_W
ClientSampleId :
MIHPT-20(17-20)

Tgt Ion:114 Resp: 109333

Ion	Ratio	Lower	Upper
114	100		
63	19.3	0.0	40.0
88	17.2	0.0	32.6

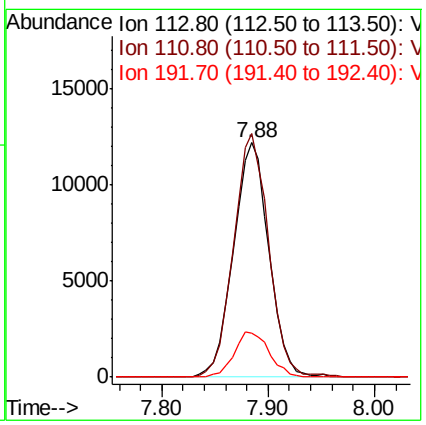


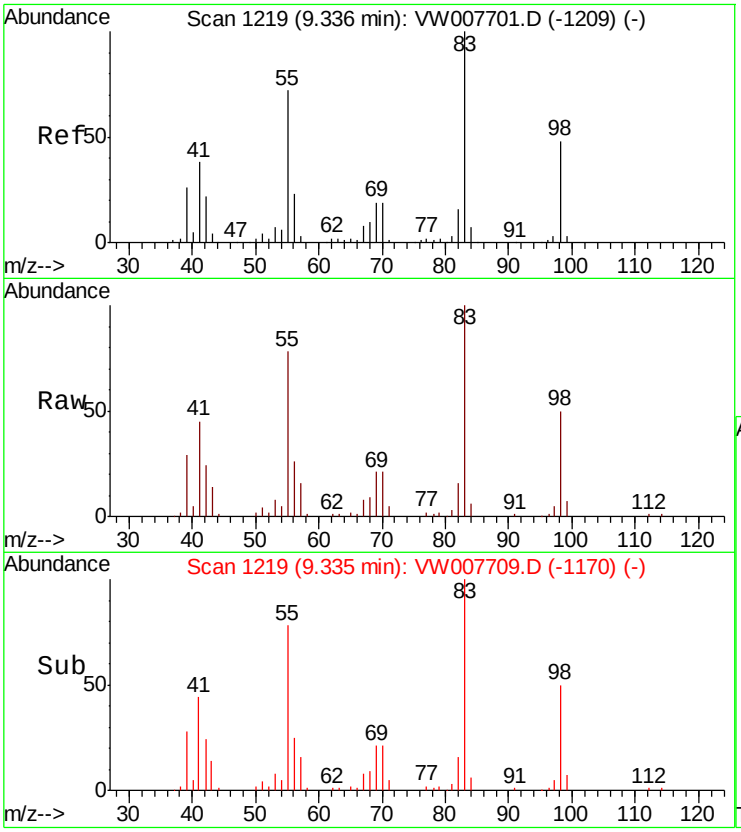


#35
Dibromofluoromethane
Concen: 42.716 ug/l
RT: 7.88 min Scan# 981
Delta R.T. -0.00 min
Lab File: VW007709.D
Acq: 19 Dec 2018 19:36

Tgt Ion:113 Resp: 28491

Ion	Ratio	Lower	Upper
113	100		
111	102.6	82.6	124.0
192	19.1	15.5	23.3

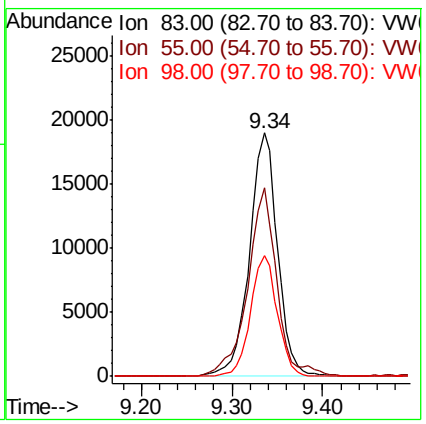




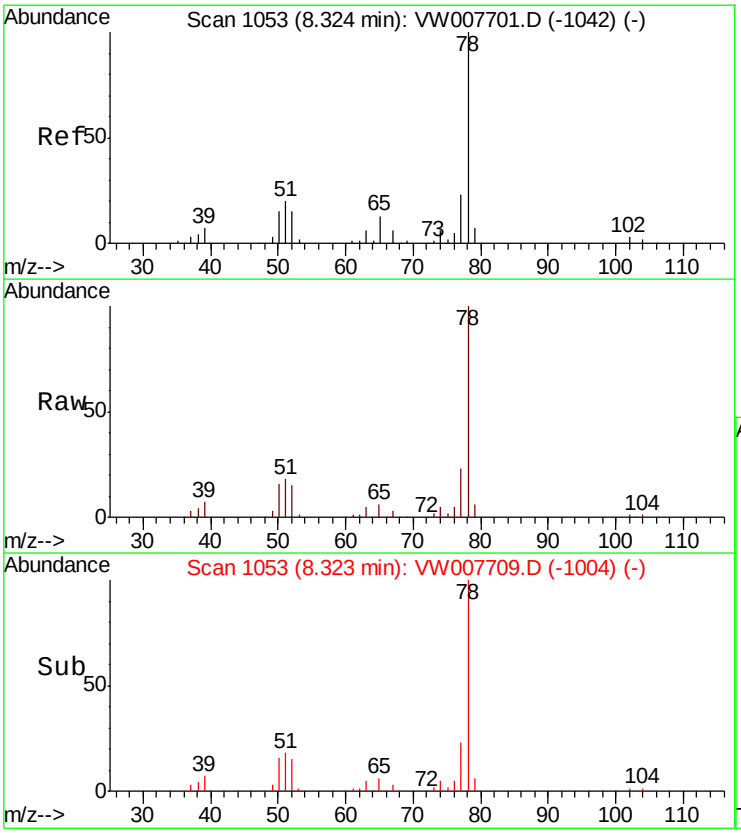
#39
Methylcyclohexane
Concen: 31.015 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW007709.D
Acq: 19 Dec 2018 19:36

Tgt Ion: 83 Resp: 40669

Ion	Ratio	Lower	Upper
83	100		
55	77.6	57.2	85.8
98	49.8	38.6	58.0



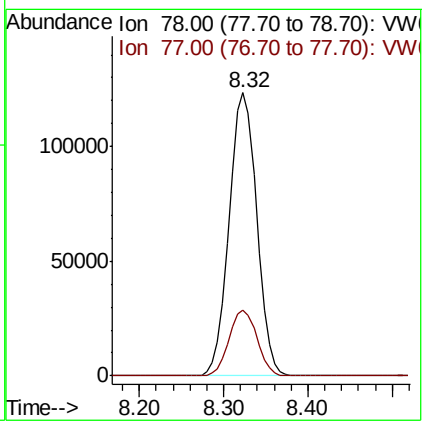
Instrument :
MSVOA_W
ClientSampleId :
MIHPT-20(17-20)

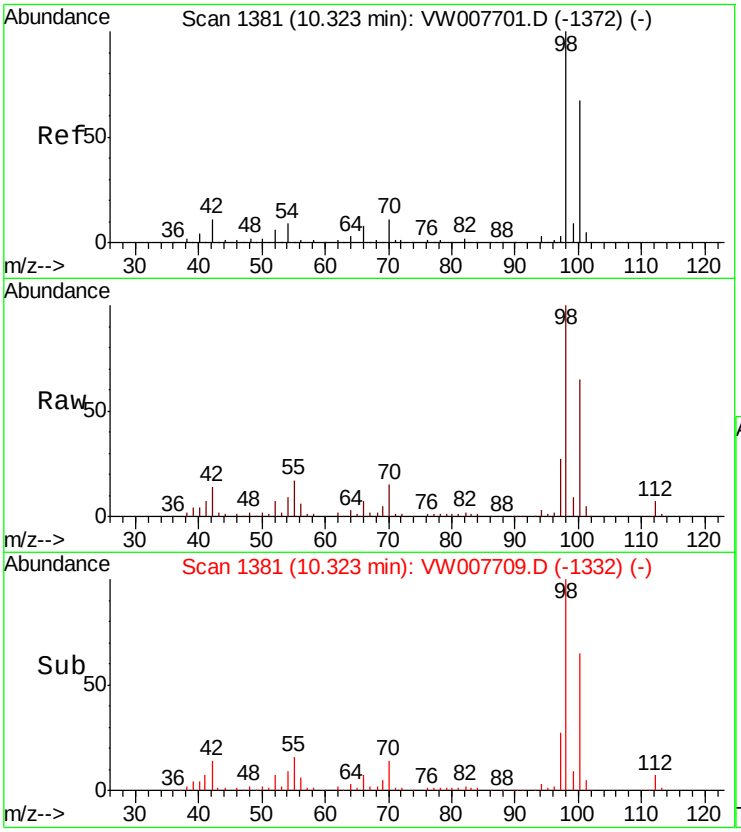


#40
Benzene
Concen: 96.920 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW007709.D
Acq: 19 Dec 2018 19:36

Tgt Ion: 78 Resp: 272922

Ion	Ratio	Lower	Upper
78	100		
77	23.4	18.7	28.1



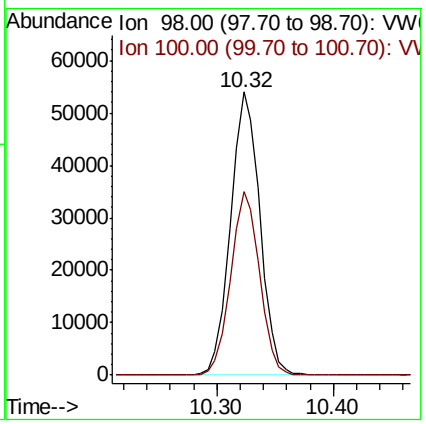


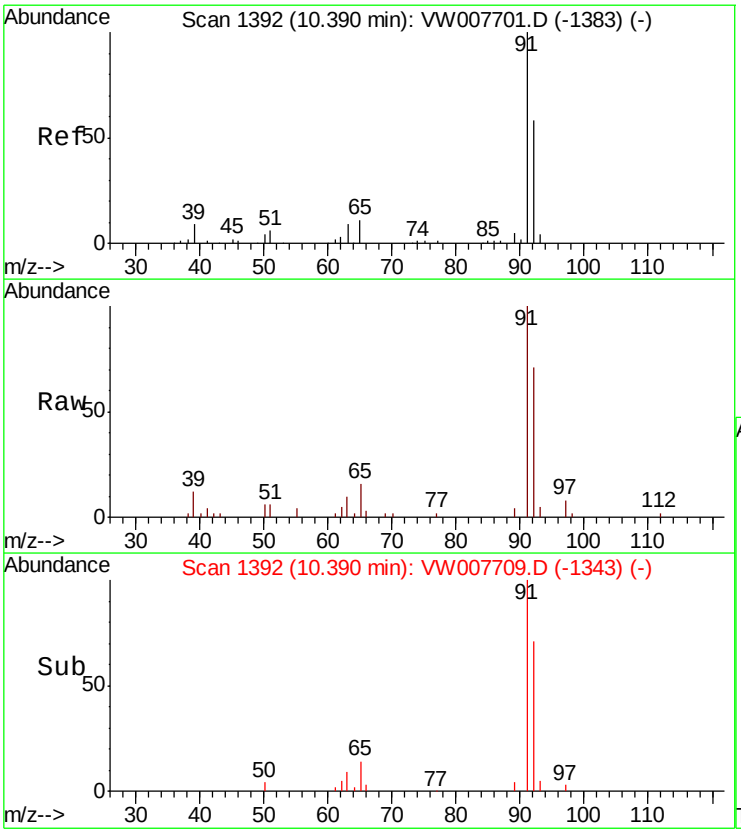
#50
Toluene-d8
Concen: 37.713 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW007709.D
Acq: 19 Dec 2018 19:36

Instrument :
MSVOA_W
ClientSampleId :
MIHPT-20(17-20)

Tgt Ion: 98 Resp: 94827

Ion	Ratio	Lower	Upper
98	100		
100	63.4	52.2	78.2

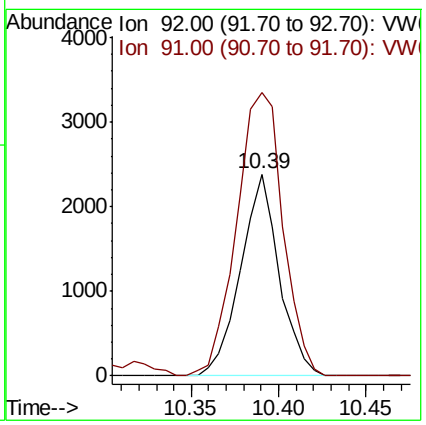


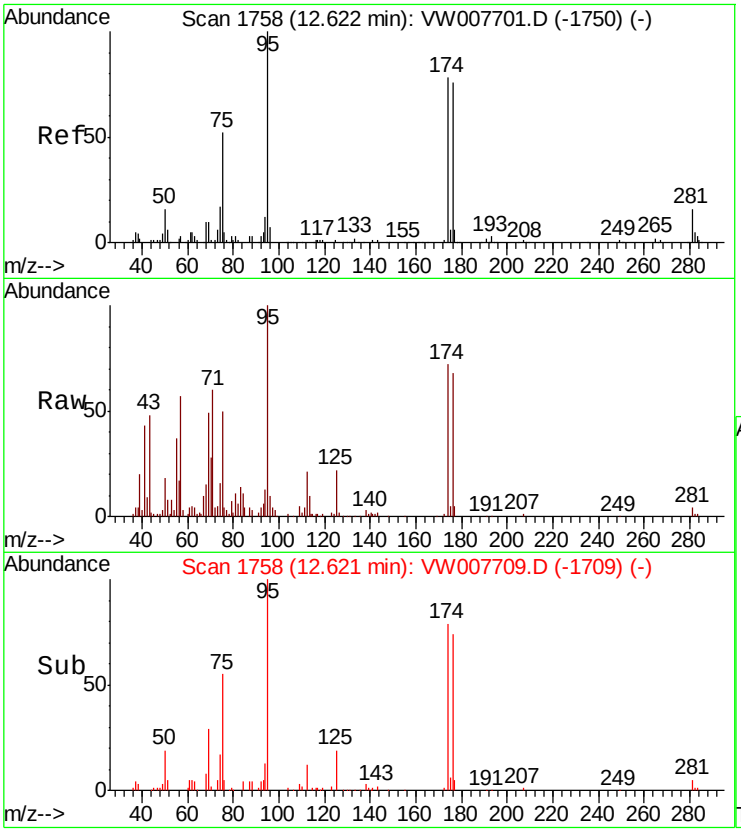


#52
Toluene
Concen: 1.936 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. -0.00 min
Lab File: VW007709.D
Acq: 19 Dec 2018 19:36

Tgt Ion: 92 Resp: 3657

Ion	Ratio	Lower	Upper
92	100		
91	168.9	137.0	205.4



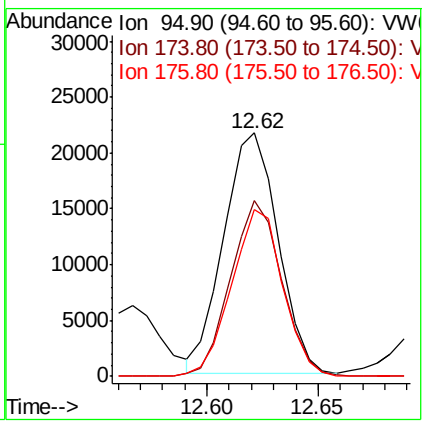


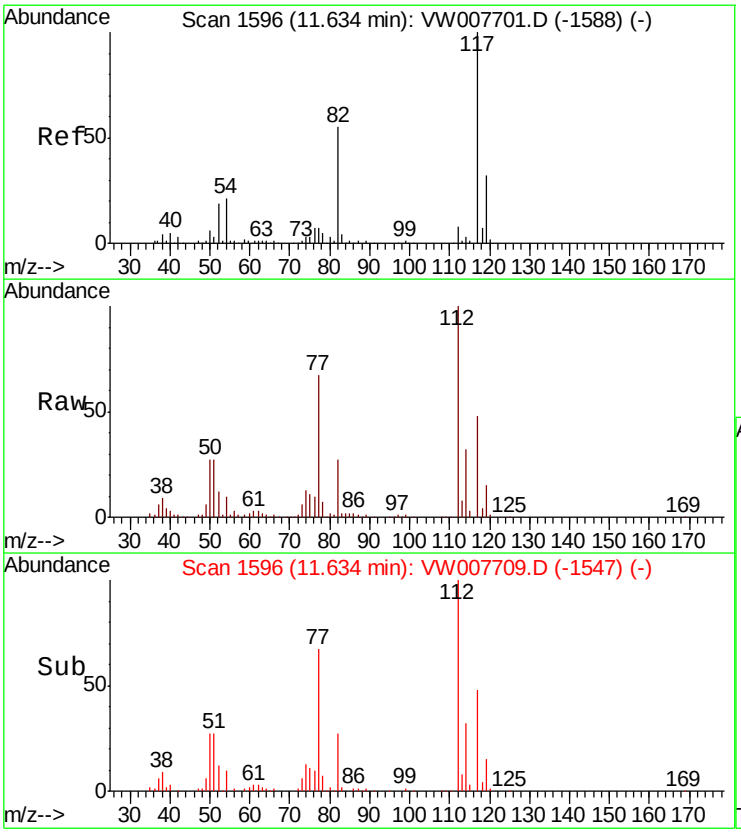
#62
4-Bromofluorobenzene
Concen: 37.490 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW007709.D
Acq: 19 Dec 2018 19:36

Instrument :
MSVOA_W
ClientSampleId :
MIHPT-20(17-20)

Tgt Ion: 95 Resp: 36417

Ion	Ratio	Lower	Upper
95	100		
174	69.1	0.0	152.2
176	65.9	0.0	146.8

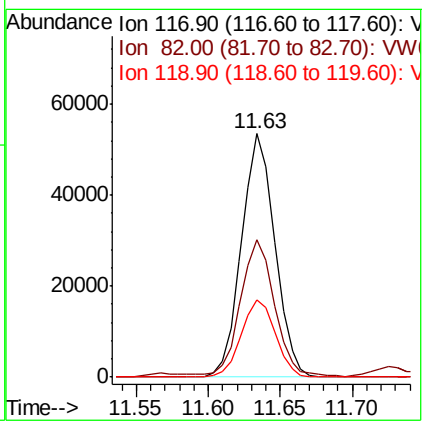


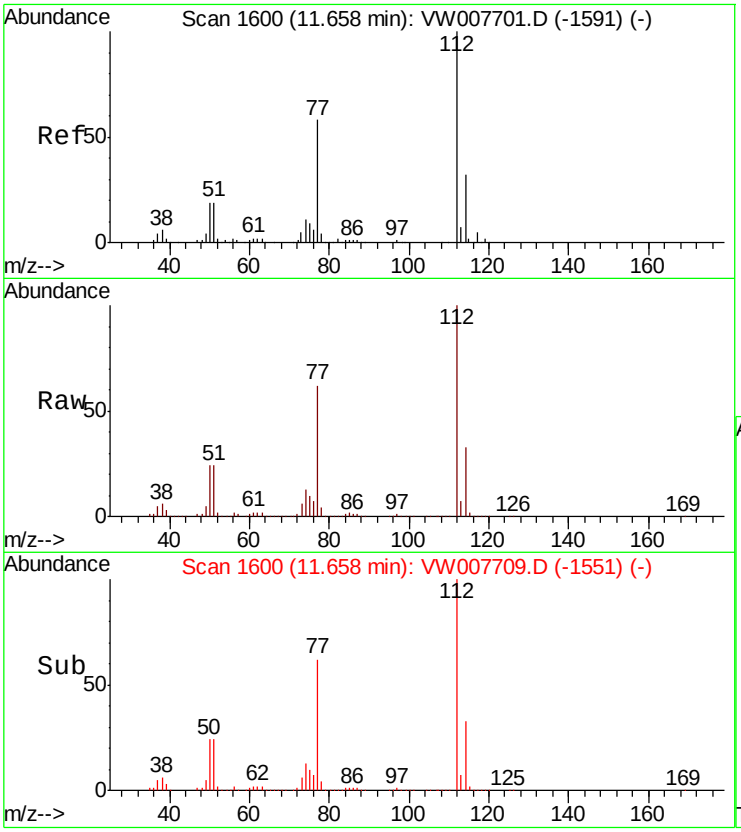


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007709.D
Acq: 19 Dec 2018 19:36

Tgt Ion:117 Resp: 85814

Ion	Ratio	Lower	Upper
117	100		
82	55.7	44.3	66.5
119	31.9	25.7	38.5



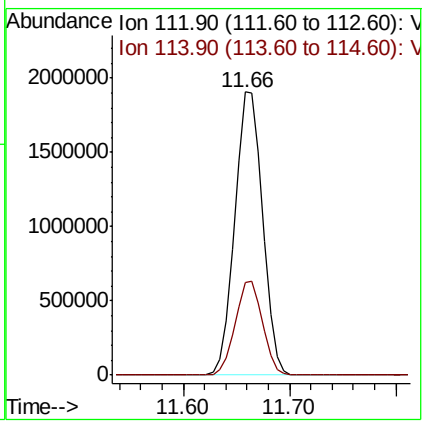


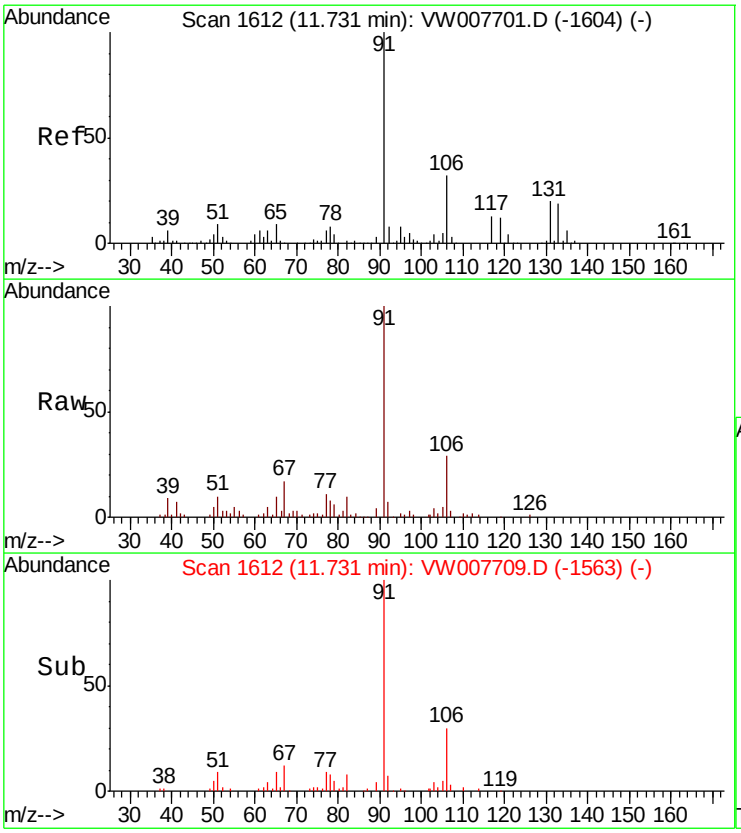
#65
Chlorobenzene
Concen: 1886.571 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW007709.D
Acq: 19 Dec 2018 19:36

Instrument :
MSVOA_W
ClientSampleId :
MIHPT-20(17-20)

Tgt Ion:112 Resp: 3504080

Ion	Ratio	Lower	Upper
112	100		
114	32.7	25.2	37.8

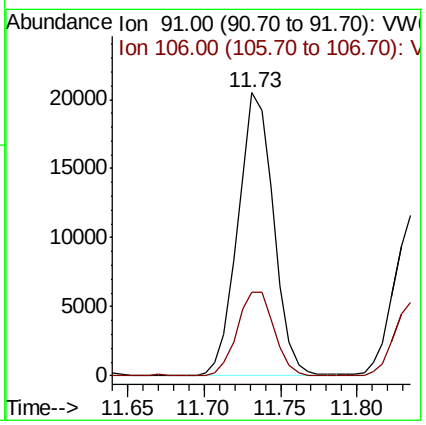


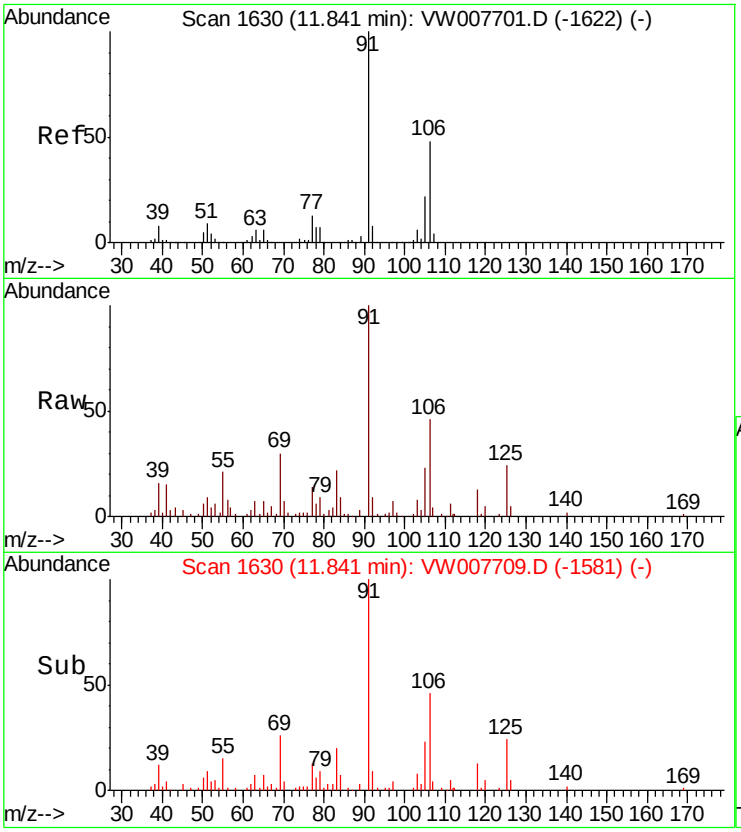


#67
Ethyl Benzene
Concen: 10.439 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW007709.D
Acq: 19 Dec 2018 19:36

Tgt Ion: 91 Resp: 33273

Ion	Ratio	Lower	Upper
91	100		
106	29.5	25.8	38.8



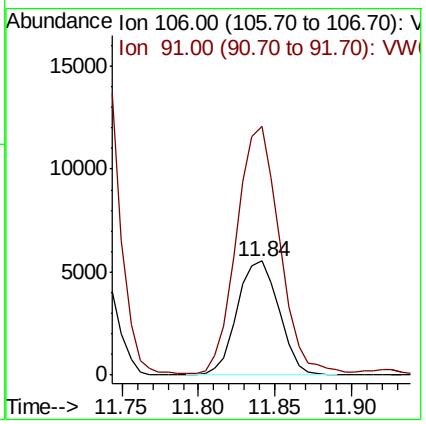


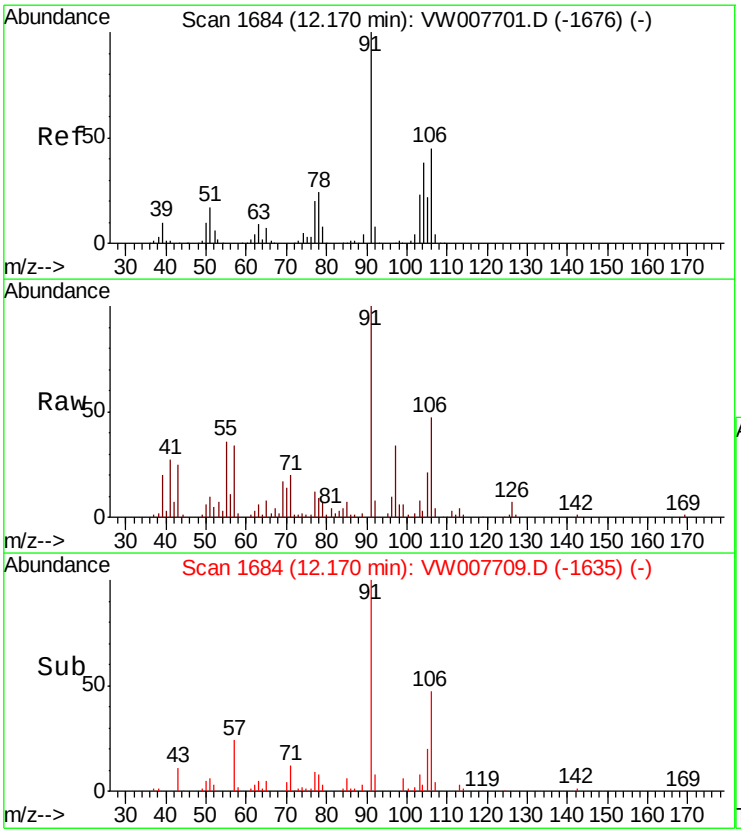
#68
m/p-Xylenes
Concen: 8.520 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW007709.D
Acq: 19 Dec 2018 19:36

Instrument : MSVOA_W
ClientSampleId : MIHPT-20(17-20)

Tgt Ion:106 Resp: 10534

Ion	Ratio	Lower	Upper
106	100		
91	220.8	165.2	247.8

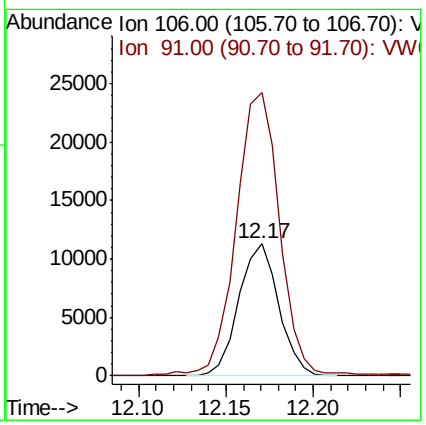


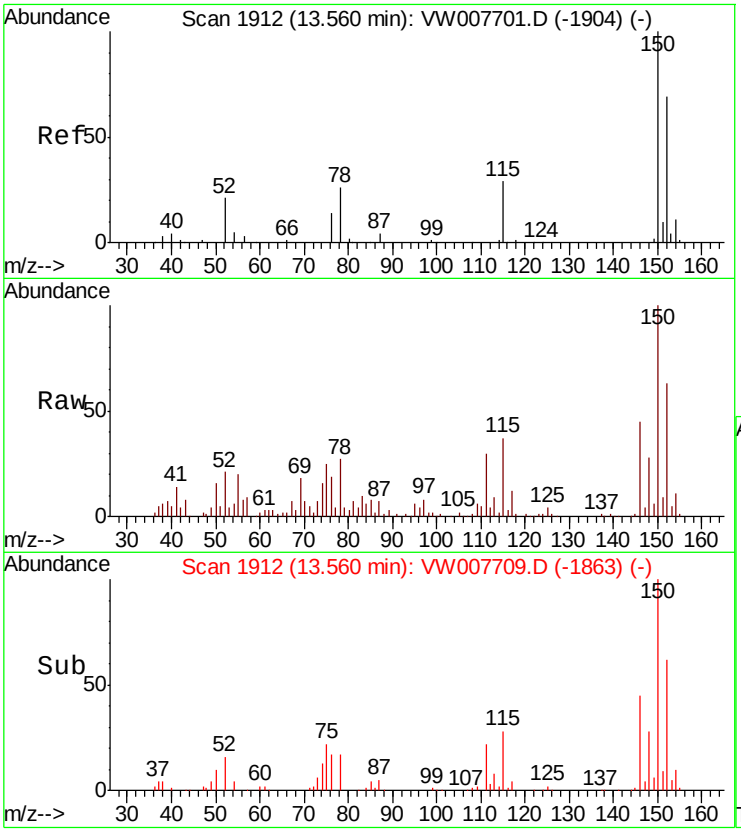


#69
o-Xylene
Concen: 15.415 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW007709.D
Acq: 19 Dec 2018 19:36

Tgt Ion:106 Resp: 17865

Ion	Ratio	Lower	Upper
106	100		
91	235.9	110.5	331.4



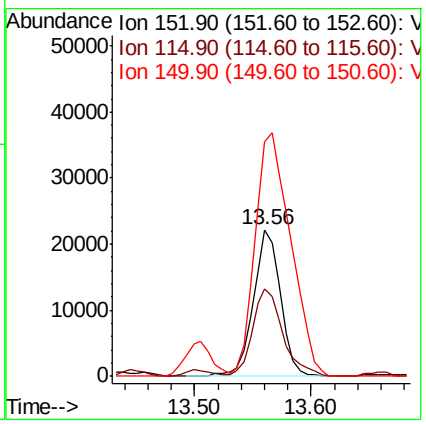


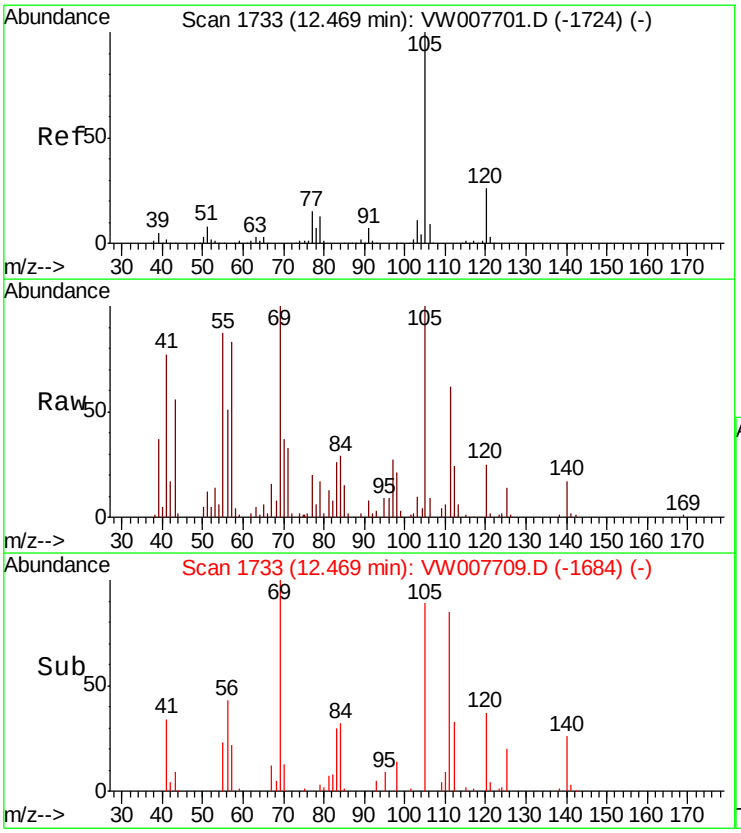
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW007709.D
Acq: 19 Dec 2018 19:36

Instrument :
MSVOA_W
ClientSampleId :
MIHPT-20(17-20)

Tgt Ion:152 Resp: 36133

Ion	Ratio	Lower	Upper
152	100		
115	65.7	31.8	95.4
150	217.2	0.0	350.8

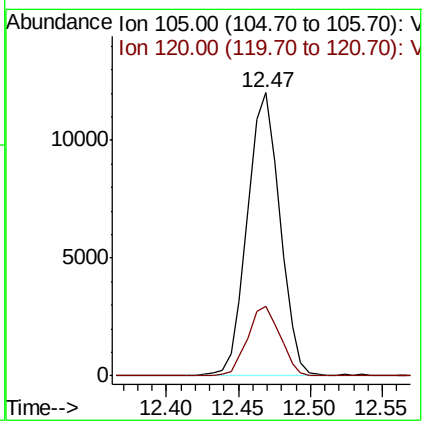


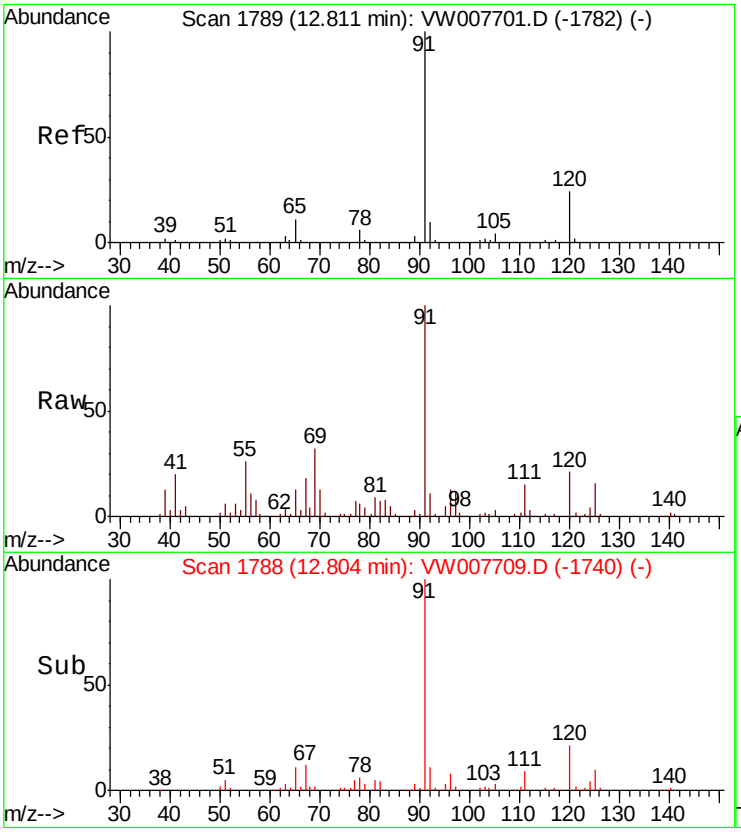


#73
Isopropylbenzene
Concen: 6.899 ug/l
RT: 12.47 min Scan# 1733
Delta R.T. -0.00 min
Lab File: VW007709.D
Acq: 19 Dec 2018 19:36

Tgt Ion:105 Resp: 18843

Ion	Ratio	Lower	Upper
105	100		
120	24.6	13.1	39.3



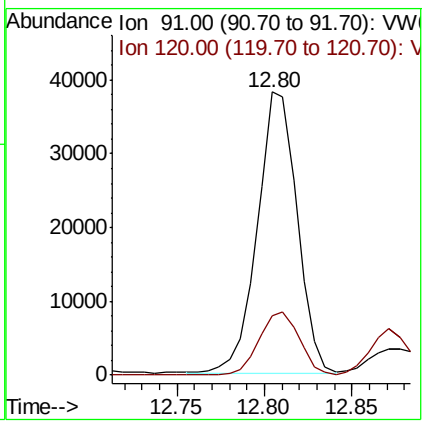


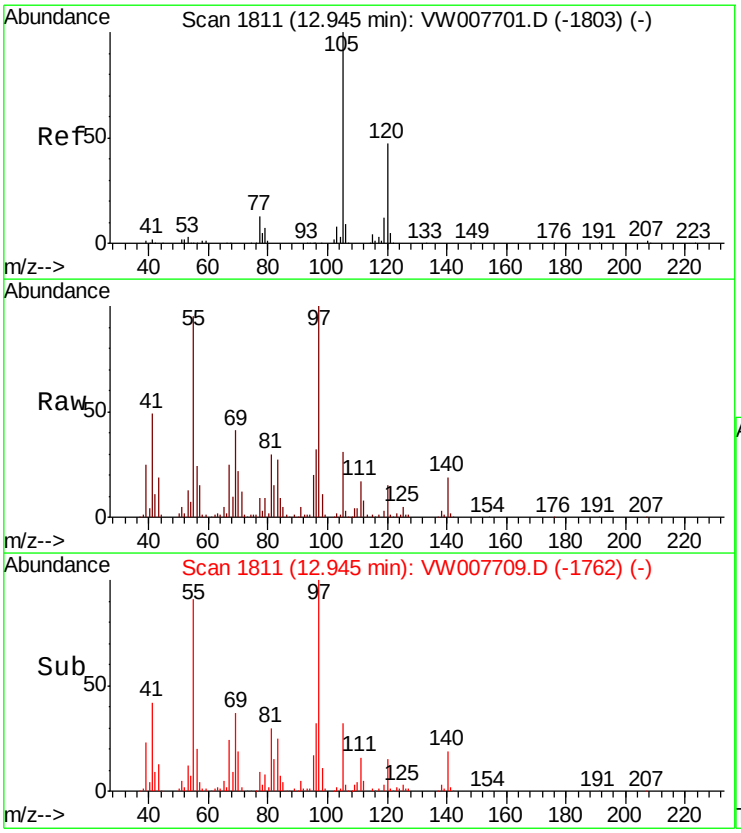
#78
n-propylbenzene
Concen: 18.994 ug/l
RT: 12.80 min Scan# 1788
Delta R.T. -0.01 min
Lab File: VW007709.D
Acq: 19 Dec 2018 19:36

Instrument :
MSVOA_W
ClientSampleId :
MIHPT-20(17-20)

Tgt Ion: 91 Resp: 60388

Ion	Ratio	Lower	Upper
91	100		
120	22.6	11.9	35.7

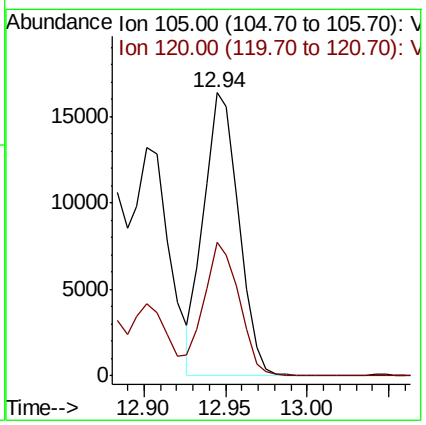


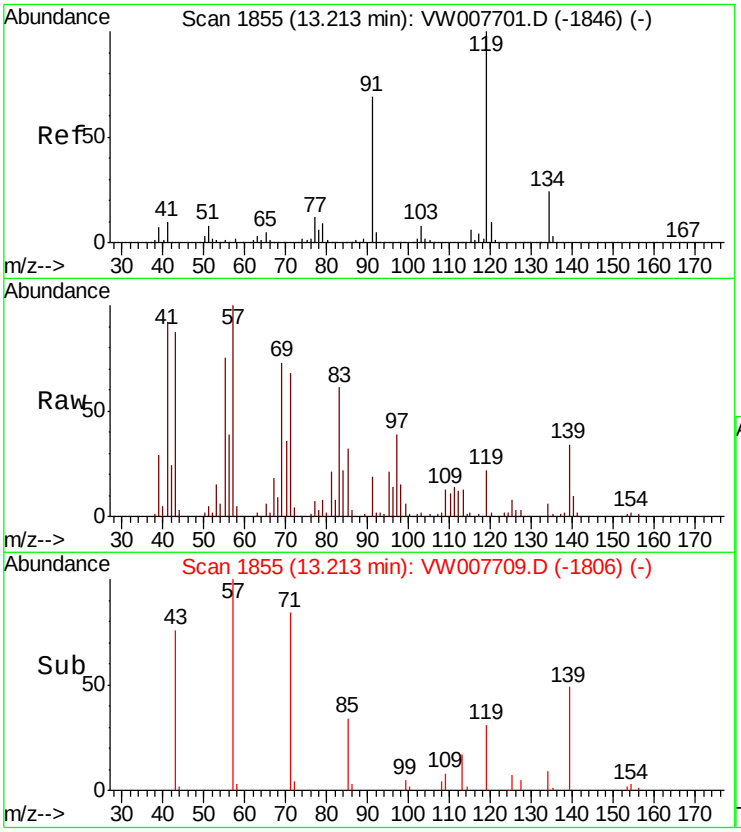


#80
1,3,5-Trimethylbenzene
Concen: 10.440 ug/l
RT: 12.94 min Scan# 1811
Delta R.T. -0.00 min
Lab File: VW007709.D
Acq: 19 Dec 2018 19:36

Tgt Ion:105 Resp: 24595

Ion	Ratio	Lower	Upper
105	100		
120	48.4	23.6	70.8



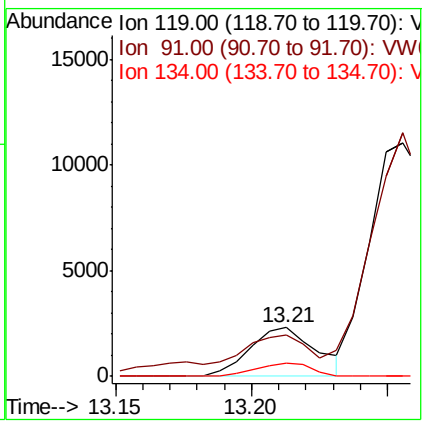


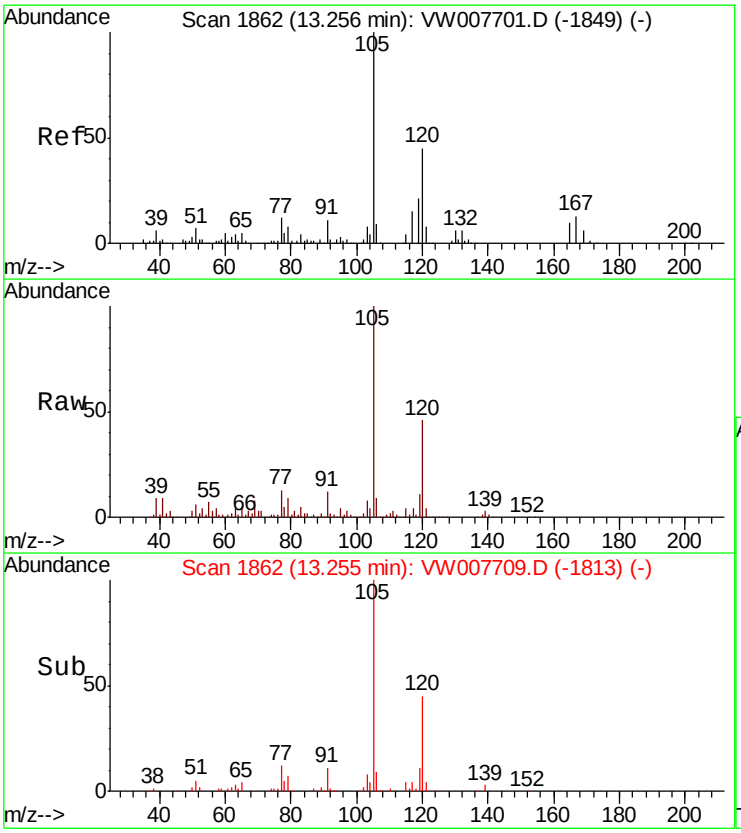
#83
tert-Butylbenzene
Concen: 1.873 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. -0.00 min
Lab File: VW007709.D
Acq: 19 Dec 2018 19:36

Instrument : MSVOA_W
ClientSampleId : MIHPT-20(17-20)

Tgt Ion:119 Resp: 3871

Ion	Ratio	Lower	Upper
119	100		
91	85.3	34.2	102.5
134	22.3	12.8	38.4

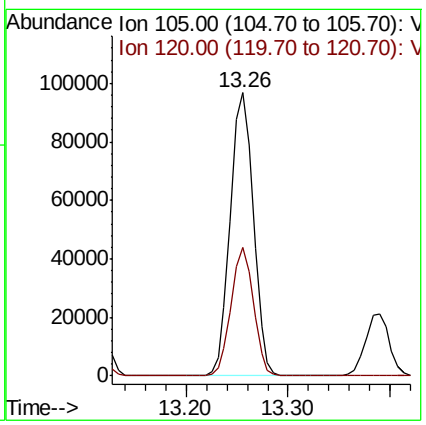


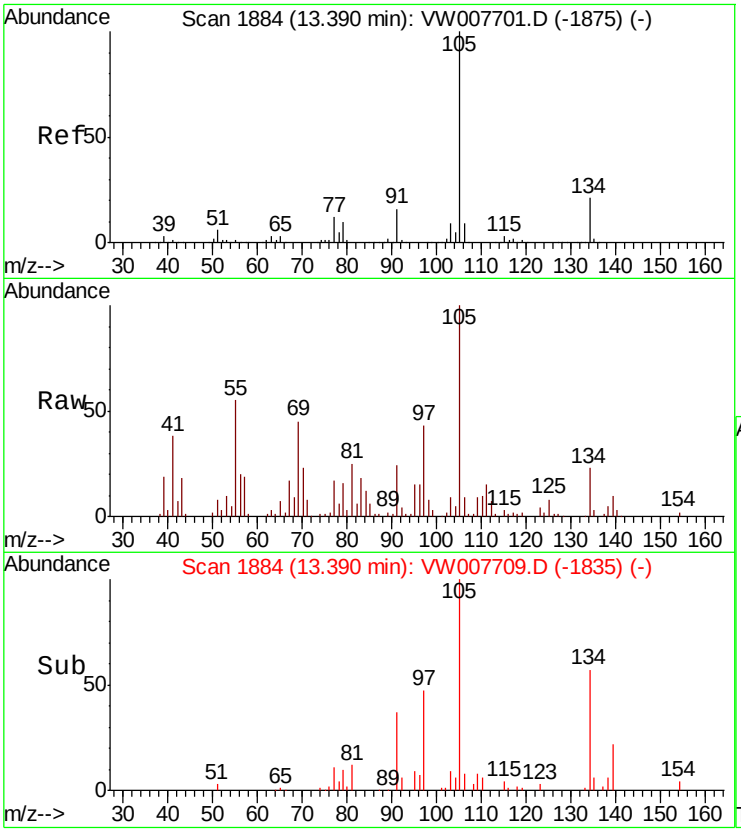


#84
1,2,4-Trimethylbenzene
Concen: 63.698 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. -0.00 min
Lab File: VW007709.D
Acq: 19 Dec 2018 19:36

Tgt Ion:105 Resp: 151424

Ion	Ratio	Lower	Upper
105	100		
120	44.1	22.0	66.0



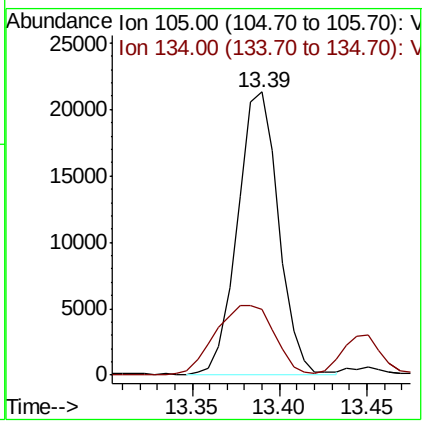


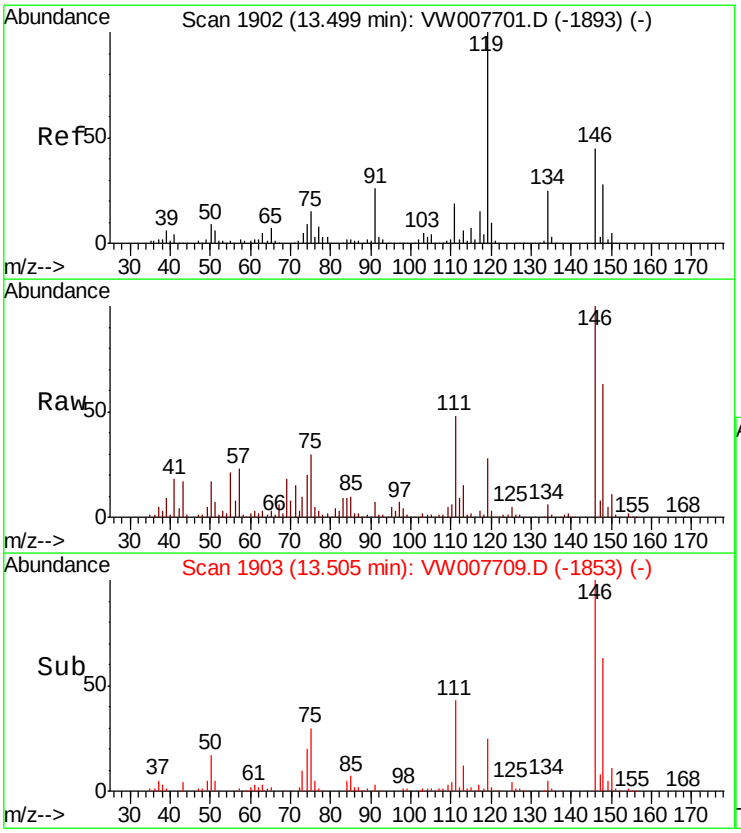
#85
sec-Butylbenzene
Concen: 12.205 ug/l
RT: 13.39 min Scan# 1884
Delta R.T. -0.00 min
Lab File: VW007709.D
Acq: 19 Dec 2018 19:36

Instrument : MSVOA_W
ClientSampleId : MIHPT-20(17-20)

Tgt Ion:105 Resp: 34771

Ion	Ratio	Lower	Upper
105	100		
134	35.5	10.2	30.4#

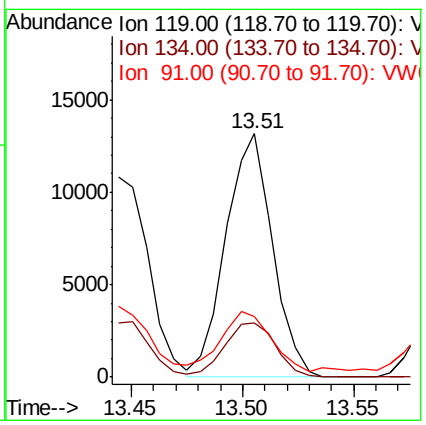


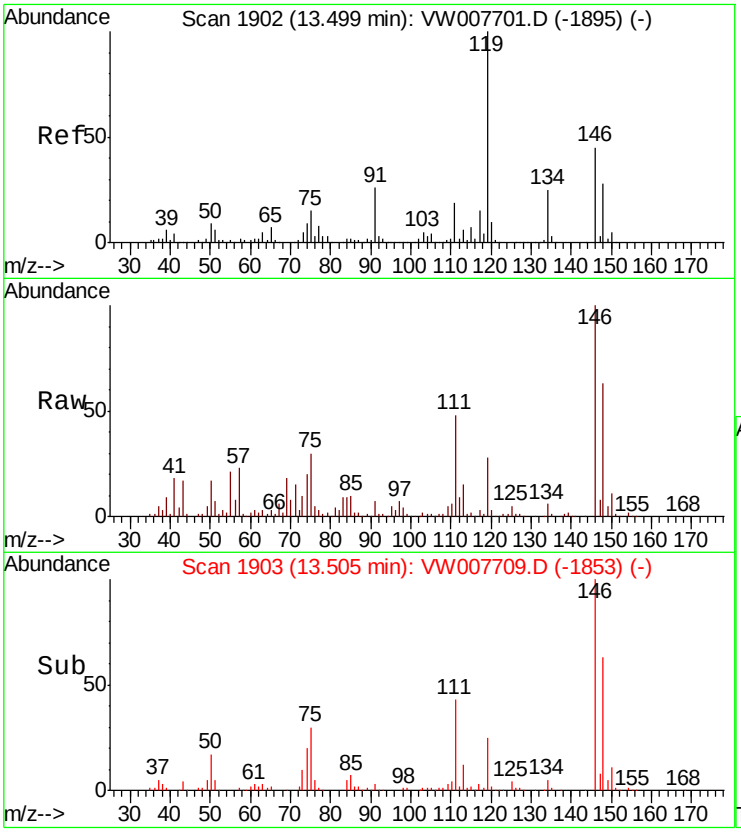


#86
p-Isopropyltoluene
Concen: 7.433 ug/l
RT: 13.51 min Scan# 1903
Delta R.T. 0.01 min
Lab File: VW007709.D
Acq: 19 Dec 2018 19:36

Tgt Ion:119 Resp: 19255

Ion	Ratio	Lower	Upper
119	100		
134	24.3	13.0	39.0
91	25.3	12.8	38.4



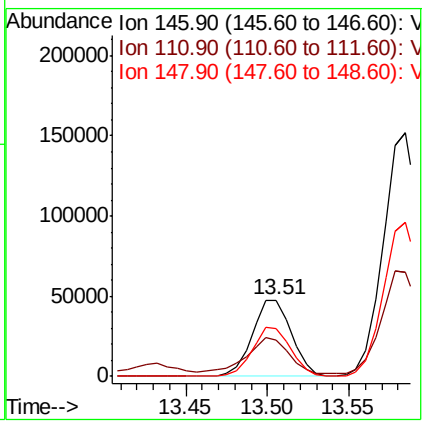


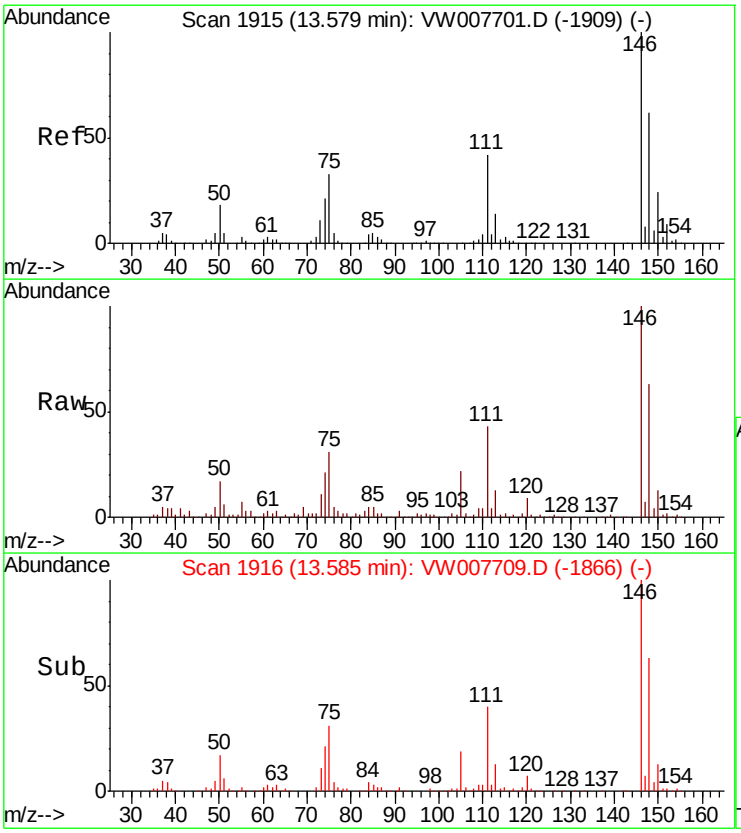
#87
1,3-Dichlorobenzene
Concen: 63.752 ug/l
RT: 13.51 min Scan# 1903
Delta R.T. 0.01 min
Lab File: VW007709.D
Acq: 19 Dec 2018 19:36

Instrument : MSVOA_W
ClientSampleId : MIHPT-20(17-20)

Tgt Ion:146 Resp: 79230

Ion	Ratio	Lower	Upper
146	100		
111	51.2	21.1	63.4
148	63.1	32.1	96.5

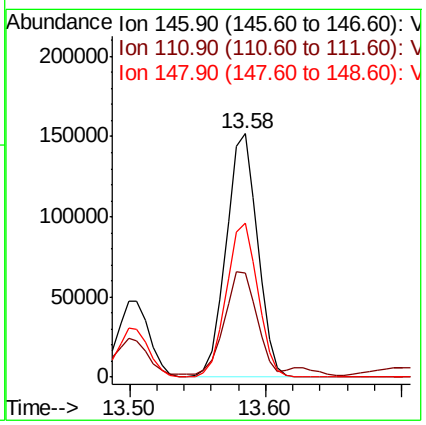


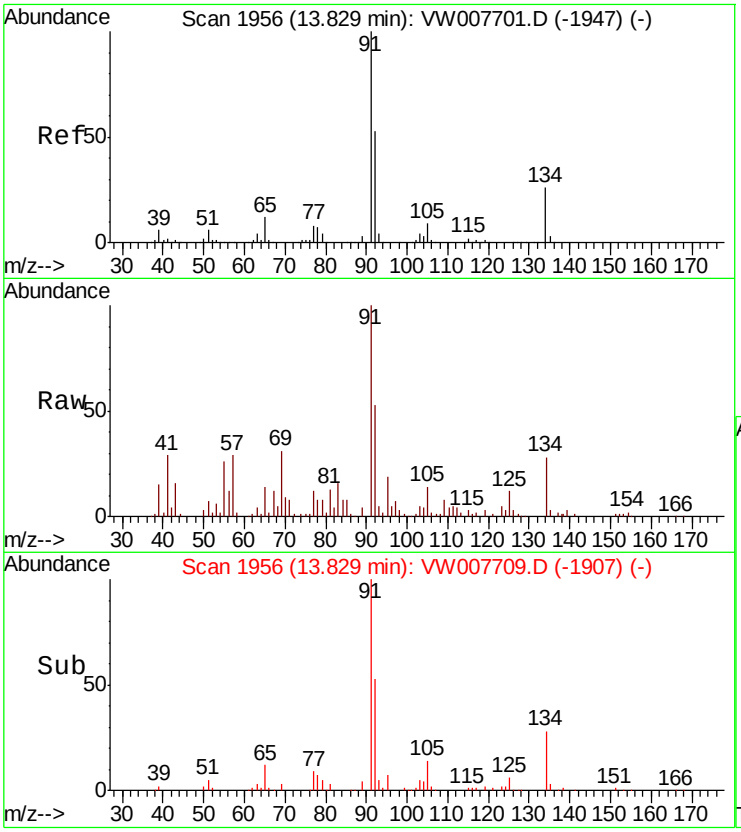


#88
1,4-Dichlorobenzene
Concen: 195.586 ug/l
RT: 13.58 min Scan# 1916
Delta R.T. 0.01 min
Lab File: VW007709.D
Acq: 19 Dec 2018 19:36

Tgt Ion:146 Resp: 243142

Ion	Ratio	Lower	Upper
146	100		
111	43.5	21.0	63.0
148	63.5	31.8	95.4



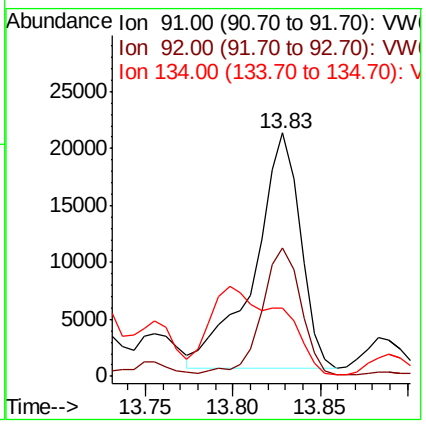


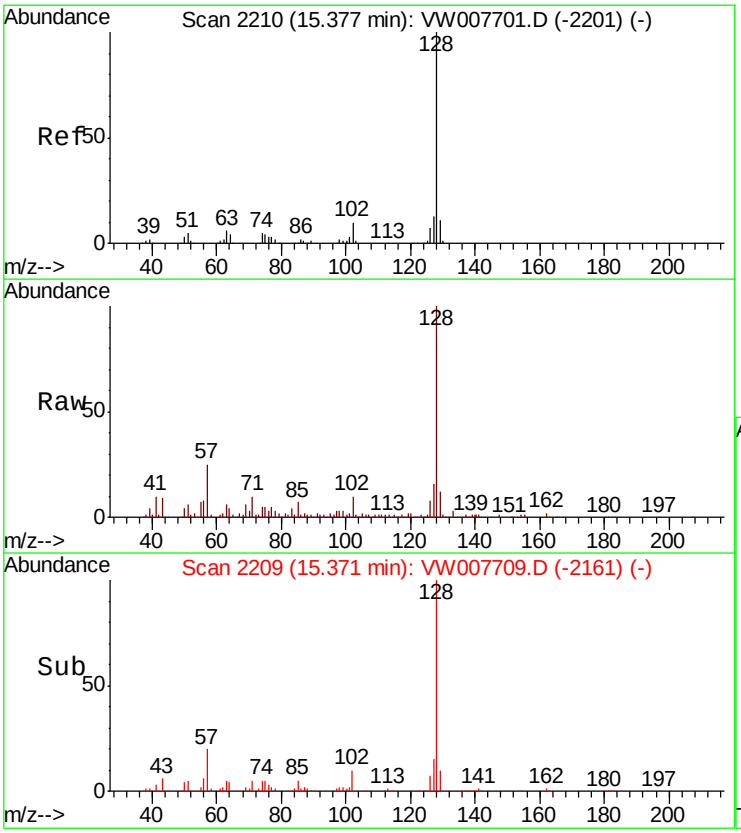
#89
n-Butylbenzene
Concen: 15.929 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. -0.00 min
Lab File: VW007709.D
Acq: 19 Dec 2018 19:36

Instrument : MSVOA_W
ClientSampleId : MIHPT-20(17-20)

Tgt Ion: 91 Resp: 37834

Ion	Ratio	Lower	Upper
91	100		
92	46.1	26.4	79.2
134	0.0	13.7	41.0#





#95
Naphthalene
Concen: 67.646 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. -0.01 min
Lab File: VW007709.D
Acq: 19 Dec 2018 19:36

Tgt Ion:128 Resp: 96600

Ion	Ratio	Lower	Upper
128	100		
127	19.3	10.7	16.1#
129	11.2	8.8	13.2