Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW040619\
Data File : VW009752.D
Acq On : 06 Apr 2019 02:57
Operator : SY/VA
Sample : K2188-03
Misc : 2.55G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BF650RE

Quant Time: Apr 06 05:39:54 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
Quant Title : VOC Analysis
QLast Update : Sat Apr 06 05:36:42 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	416602	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	291388	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	69343	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.35	65	155194	28.47	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 113.88%			
7) Chloroethane-d5	2.89	69	147035	29.44	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 117.76%			
10) 1,1-Dichloroethene-d2	4.01	63	254150	21.68	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 86.72%			
20) 2-Butanone-d5	7.08	46	96866	54.73	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 109.46%			
24) Chloroform-d	7.65	84	319586	28.11	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 112.44%			
26) 1,2-Dichloroethane-d4	8.30	65	193888	27.78	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 111.12%			
29) Benzene-d6	8.27	84	611389	39.97	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 159.88%#			
33) 1,2-Dichloropropane-d6	9.27	67	182158	38.56	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 154.24%#			
37) Toluene-d8	10.32	98	469176	33.17	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 132.68%#			
38) trans-1,3-Dichloropropene-	10.58	79	23115	10.26	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 41.04%			
39) 2-Hexanone-d5	10.93	63	57505	64.58	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 129.16%			
48) 1,1,2,2-Tetrachloroethane-	12.69	84	90516	20.61	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 82.44%			
61) 1,2-Dichlorobenzene-d4	13.85	152	61310	25.20	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 100.80%			
Target Compounds						Qvalue
13) Acetone	4.12	43	17935	9.457	ug/L	96
14) Carbon disulfide	4.37	76	74098	4.308	ug/L	99
16) Methylene chloride	4.91	84	35647	4.852	ug/L	94
25) Chloroform	7.66	83	4266	0.369	ug/L #	1
34) Benzene	8.32	78	13861	0.791	ug/L	100
44) Toluene	10.39	91	53094	2.859	ug/L	99
45) trans-1,3-Dichloropropene	10.58	75	1520	0.254	ug/L #	57
47) Tetrachloroethene	10.86	164	2945	0.815	ug/L	87
50) Dibromochloromethane	10.87	129	2594	0.627	ug/L #	12
53) Ethylbenzene	11.73	91	71956	3.401	ug/L	98
54) m,p-Xylene	11.83	106	15359	1.963	ug/L	95
55) o-xylene	12.17	106	6916	0.928	ug/L	93
69) Naphthalene	15.38	128	3529	0.687	ug/L #	90

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

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ClientSampleId :
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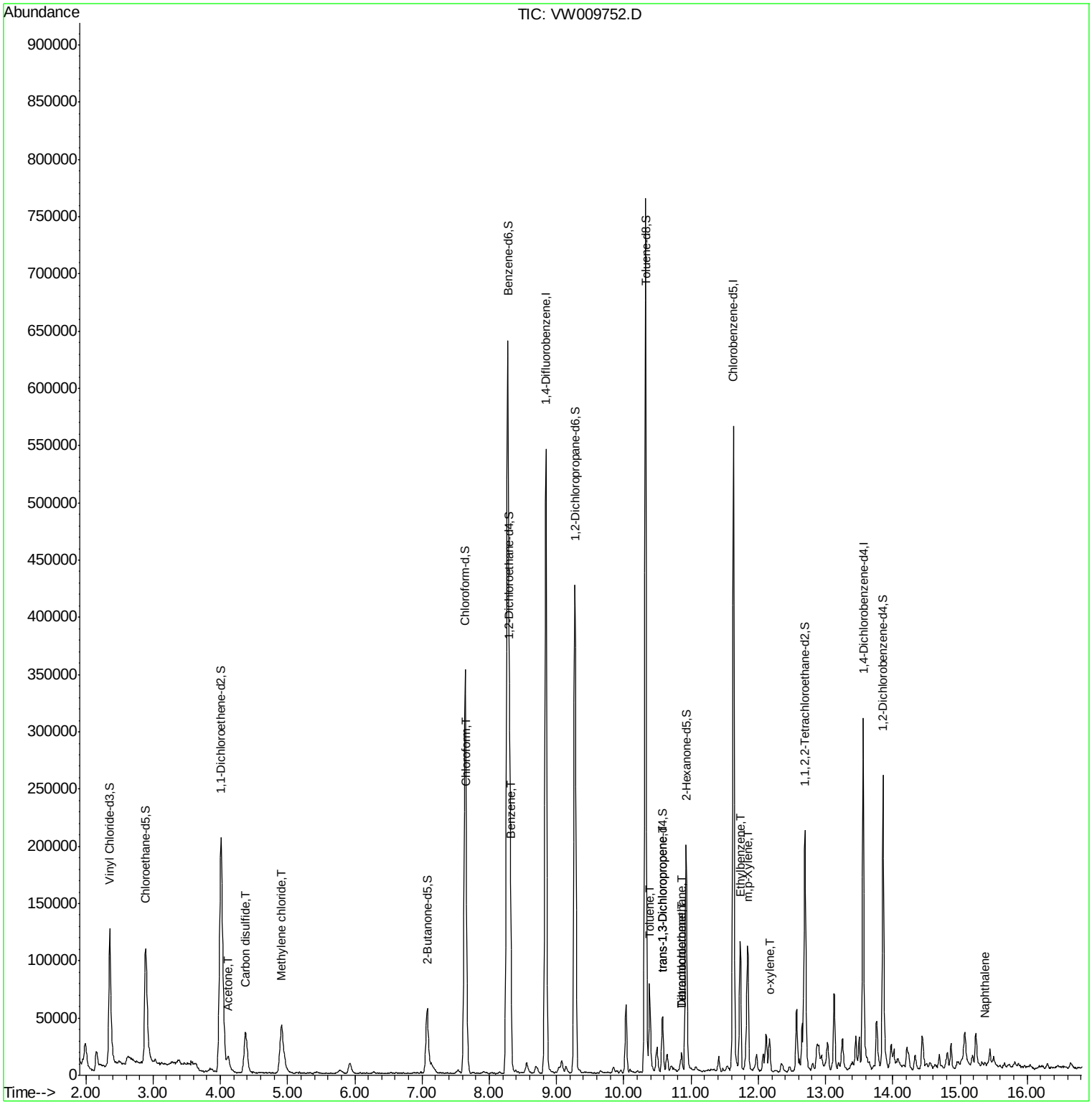
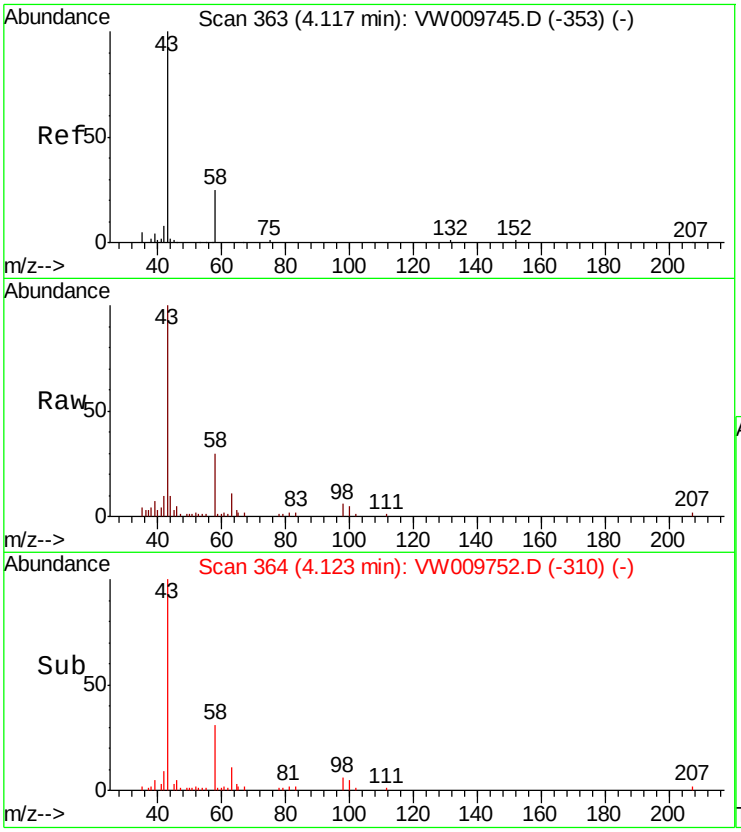
Quant Time: Apr 06 05:39:54 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
Quant Title : VOC Analysis
QLast Update : Sat Apr 06 05:36:42 2019
Response via : Initial Calibration



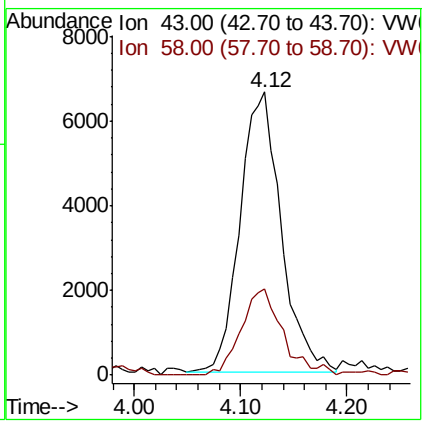


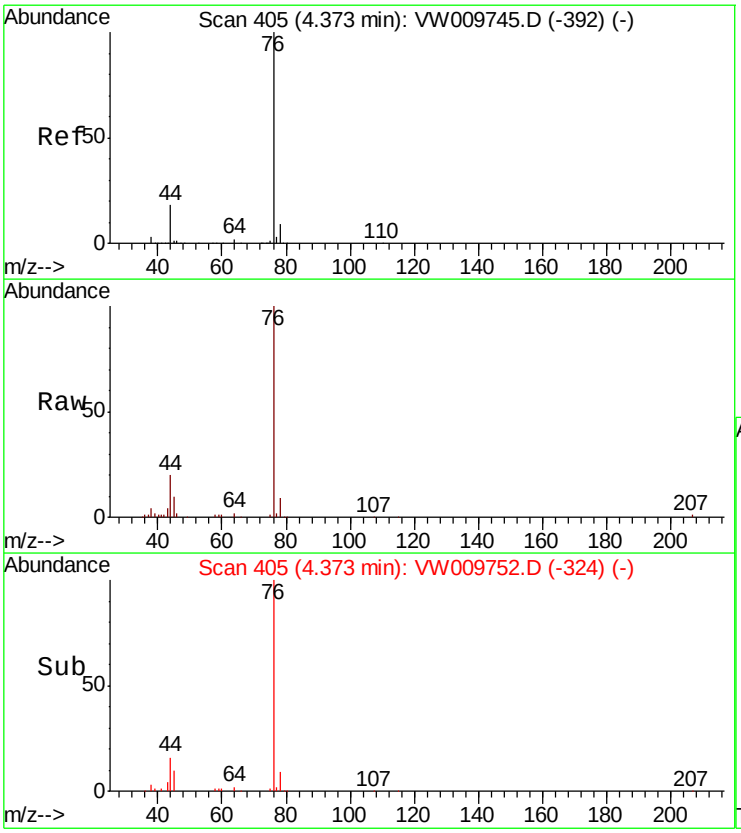
#13
Acetone
Concen: 9.457 ug/L
RT: 4.12 min Scan# 364
Delta R.T. -0.00 min
Lab File: VW009752.D
Acq: 06 Apr 2019 02:57

Instrument : MSVOA_W
ClientSampleId : BF650RE

Tgt Ion: 43 Resp: 17935

Ion	Ratio	Lower	Upper
43	100		
58	28.8	0.0	53.0

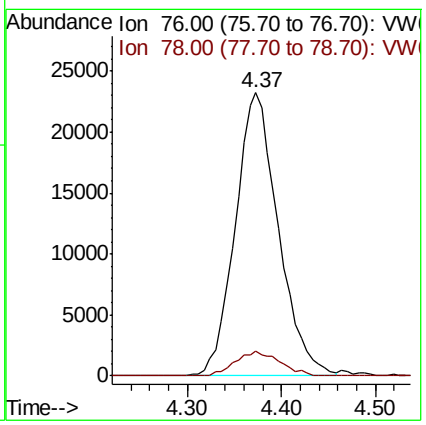


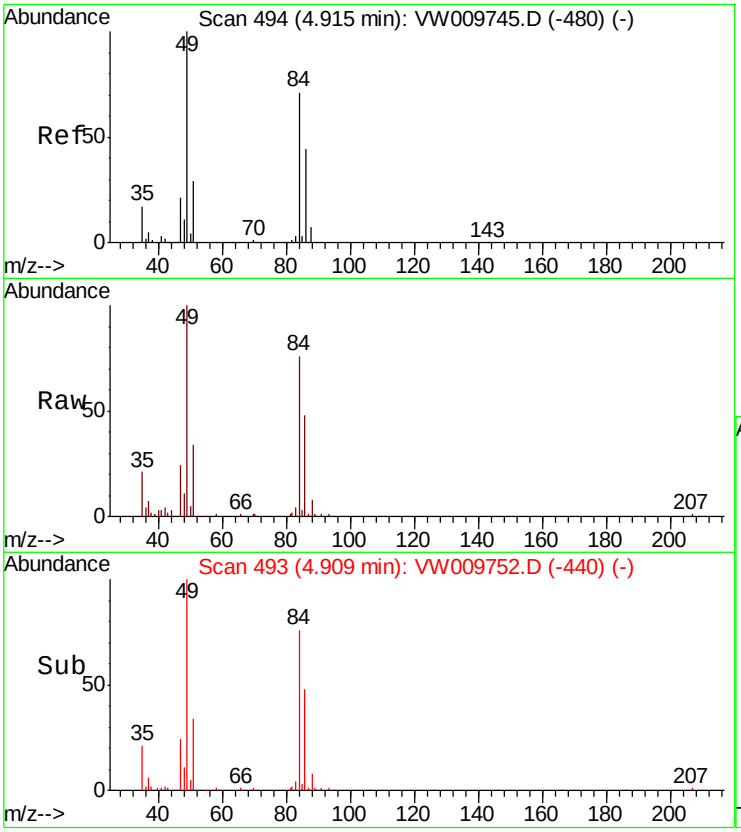


#14
Carbon disulfide
Concen: 4.308 ug/L
RT: 4.37 min Scan# 405
Delta R.T. -0.01 min
Lab File: VW009752.D
Acq: 06 Apr 2019 02:57

Tgt Ion: 76 Resp: 74098

Ion	Ratio	Lower	Upper
76	100		
78	8.7	7.3	10.9



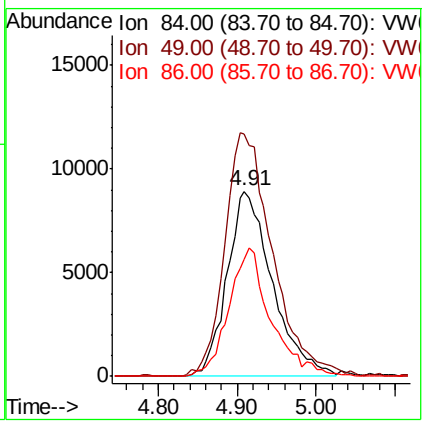


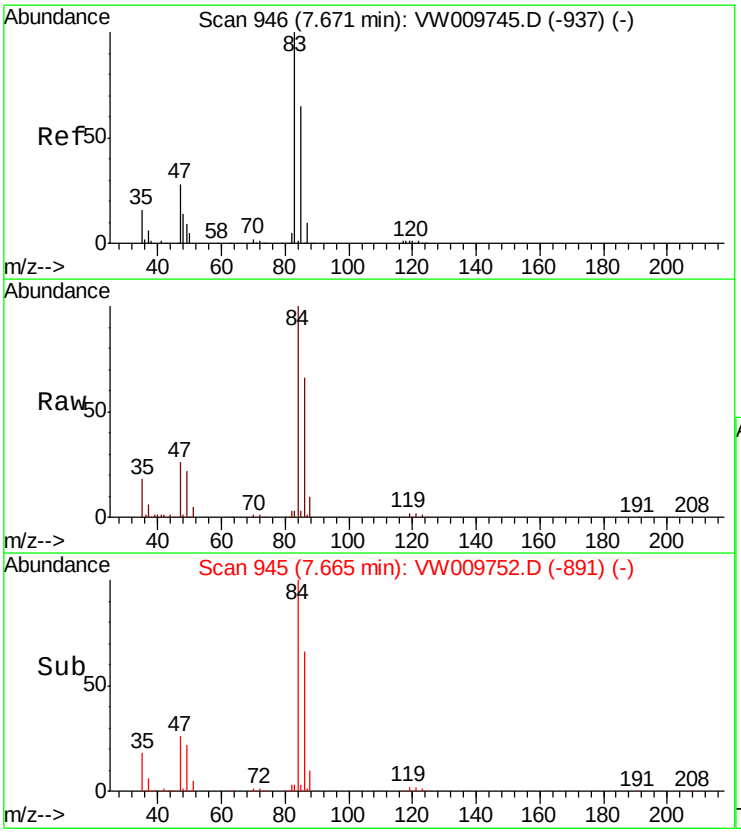
#16
Methylene chloride
Concen: 4.852 ug/L
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW009752.D
Acq: 06 Apr 2019 02:57

Instrument :
MSVOA_W
ClientSampleId :
BF650RE

Tgt Ion: 84 Resp: 35647

Ion	Ratio	Lower	Upper
84	100		
49	131.4	98.3	182.5
86	63.3	46.4	86.2

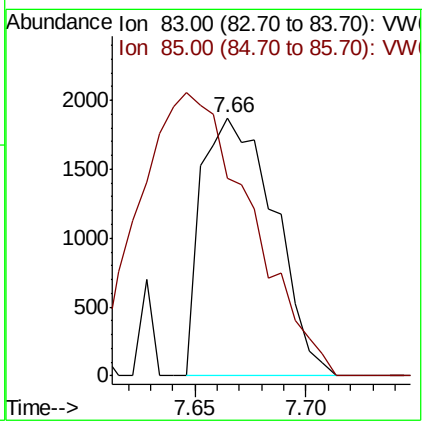


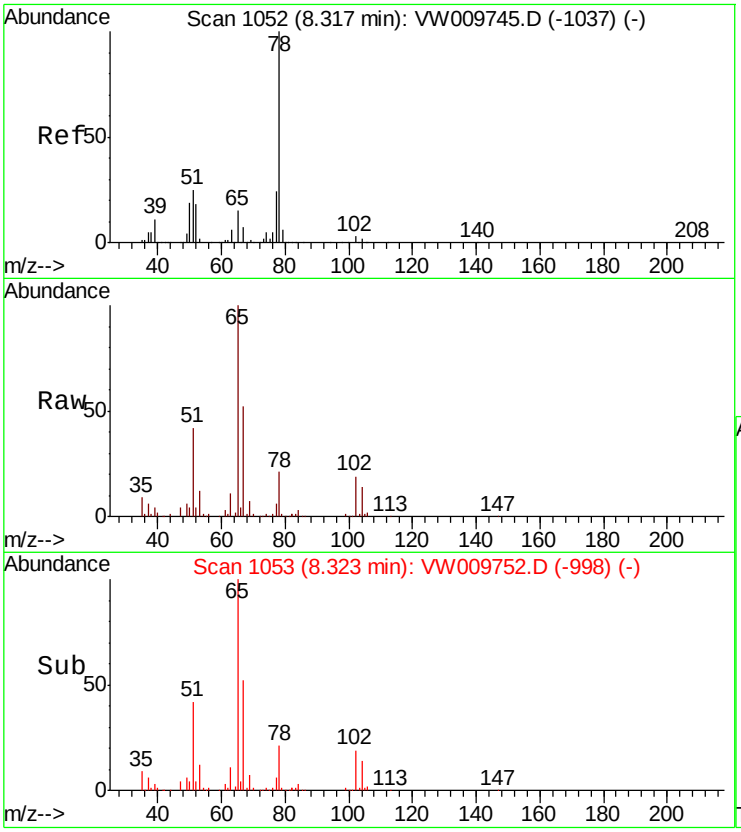


#25
Chloroform
Concen: 0.369 ug/L
RT: 7.66 min Scan# 945
Delta R.T. -0.00 min
Lab File: VW009752.D
Acq: 06 Apr 2019 02:57

Tgt Ion: 83 Resp: 4266

Ion	Ratio	Lower	Upper
83	100		
85	167.8	45.6	84.8#

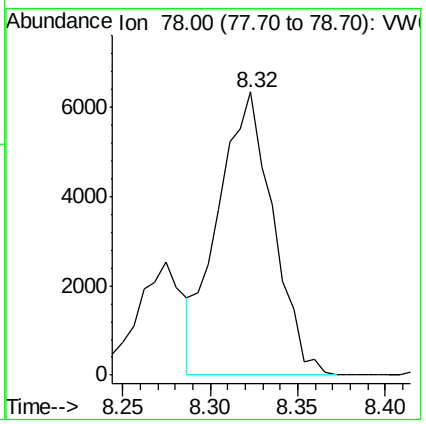


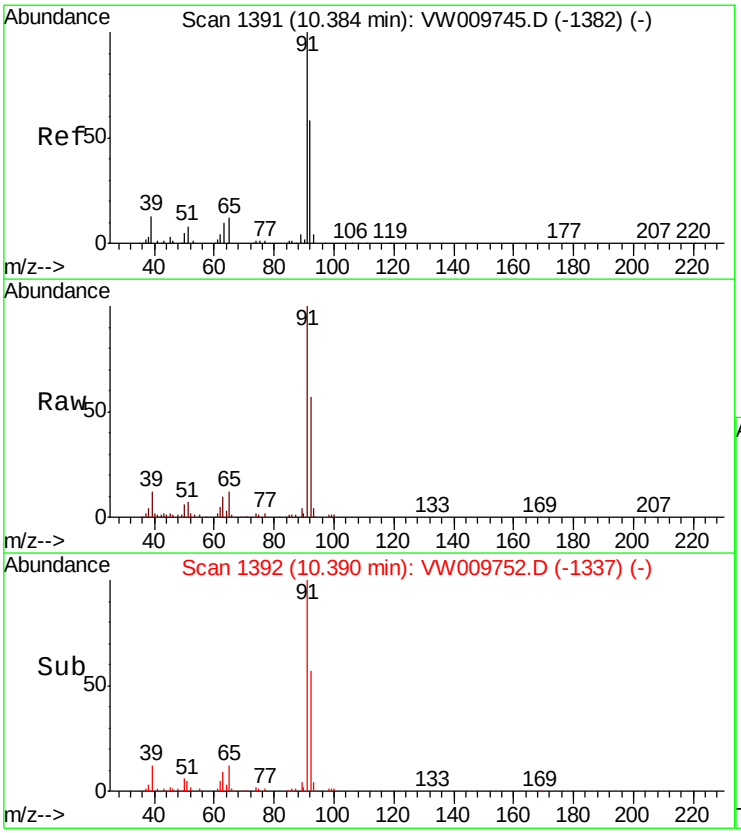


#34
Benzene
Concen: 0.791 ug/L
RT: 8.32 min Scan# 1053
Delta R.T. 0.01 min
Lab File: VW009752.D
Acq: 06 Apr 2019 02:57

Instrument :
MSVOA_W
ClientSampleId :
BF650RE

Tgt Ion: 78 Resp: 13861

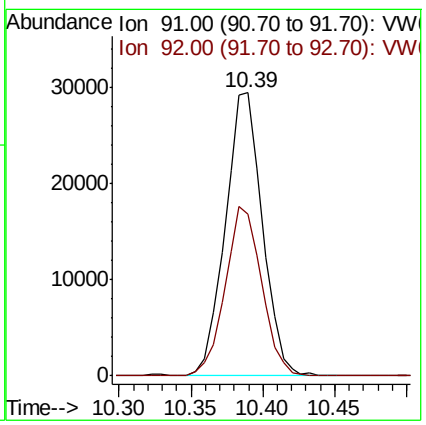


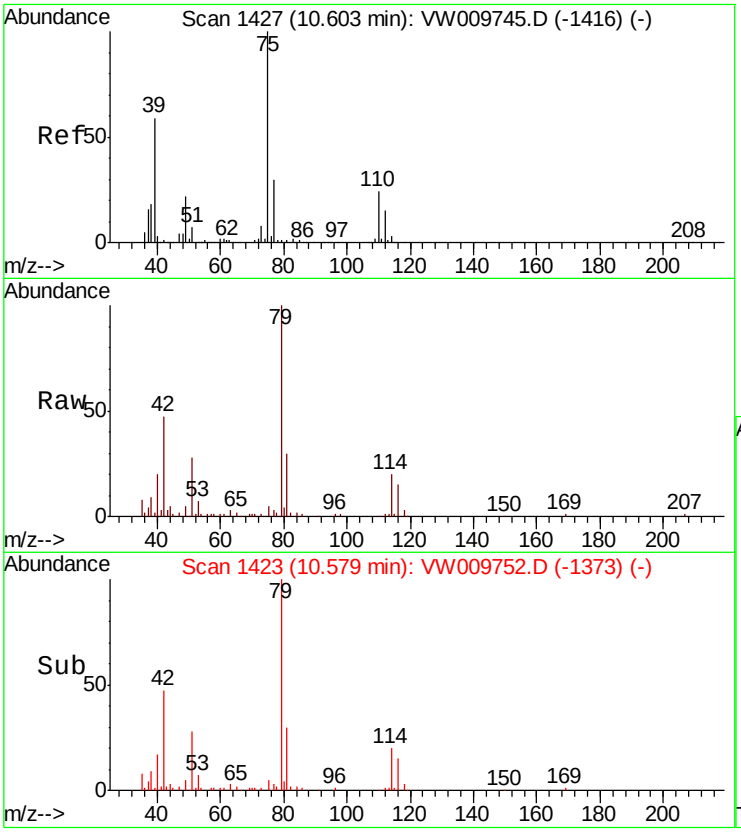


#44
Toluene
Concen: 2.859 ug/L
RT: 10.39 min Scan# 1392
Delta R.T. 0.01 min
Lab File: VW009752.D
Acq: 06 Apr 2019 02:57

Tgt Ion: 91 Resp: 53094

Ion	Ratio	Lower	Upper
91	100		
92	57.2	40.5	75.1



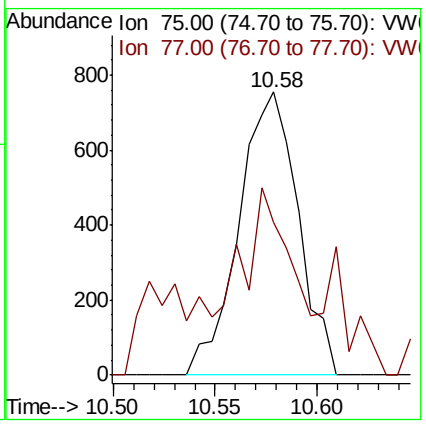


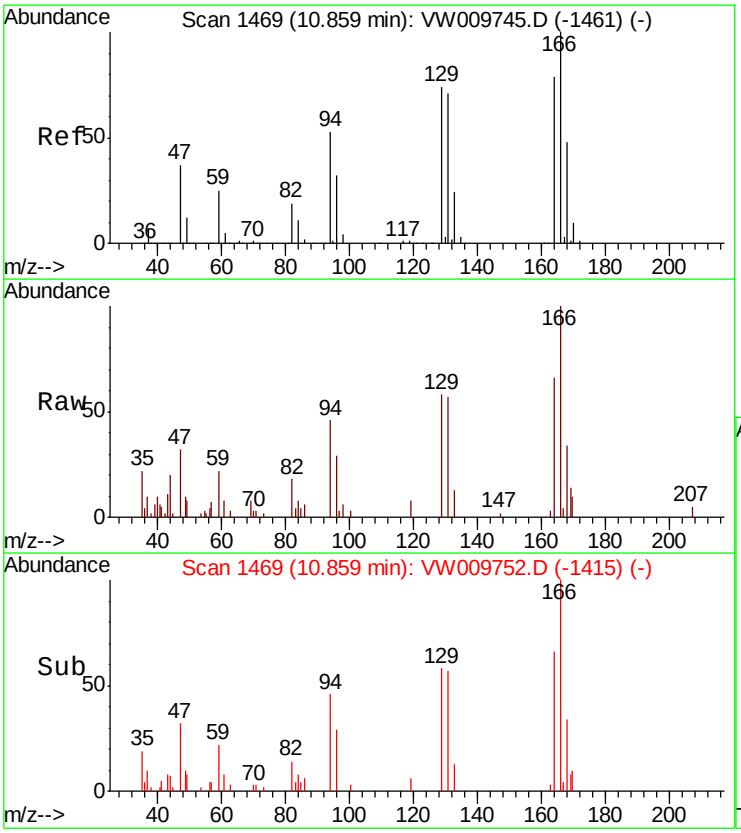
#45
trans-1,3-Dichloropropene
Concen: 0.254 ug/L
RT: 10.58 min Scan# 1423
Delta R.T. -0.02 min
Lab File: VW009752.D
Acq: 06 Apr 2019 02:57

Instrument : MSVOA_W
ClientSampleId : BF650RE

Tgt Ion: 75 Resp: 1520

Ion	Ratio	Lower	Upper
75	100		
77	53.8	21.1	39.3#

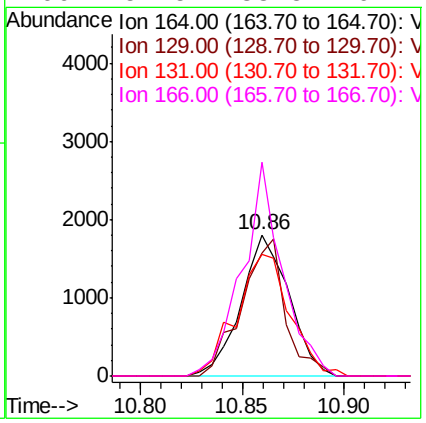


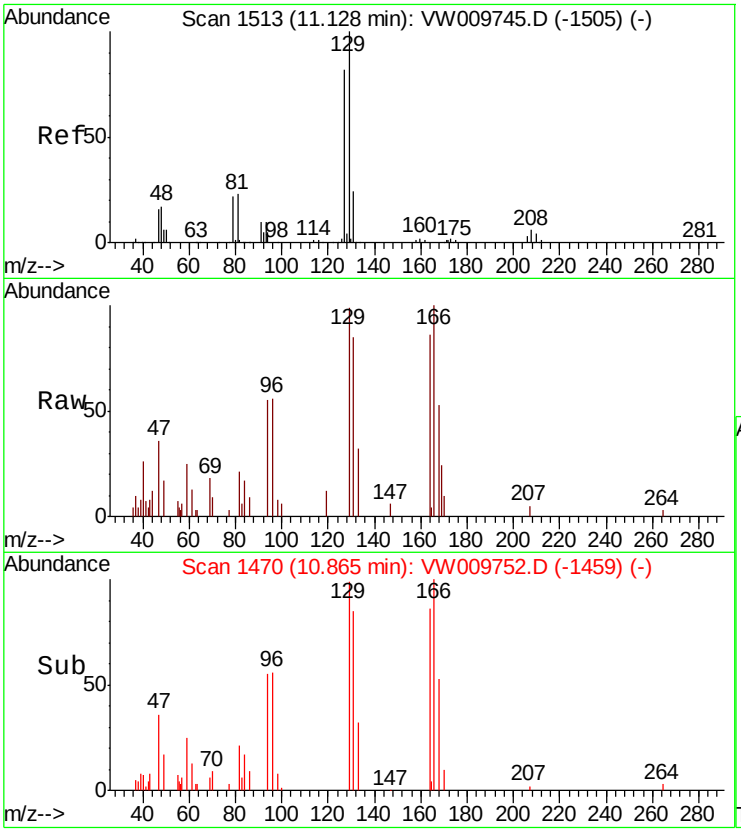


#47
Tetrachloroethene
Concen: 0.815 ug/L
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW009752.D
Acq: 06 Apr 2019 02:57

Tgt Ion:164 Resp: 2945

Ion	Ratio	Lower	Upper
164	100		
129	87.4	68.9	127.9
131	86.3	63.1	117.1
166	151.5	88.5	164.4



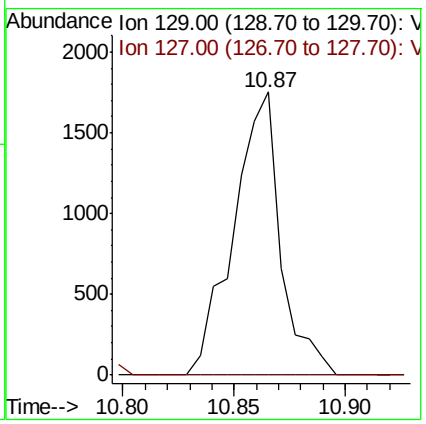


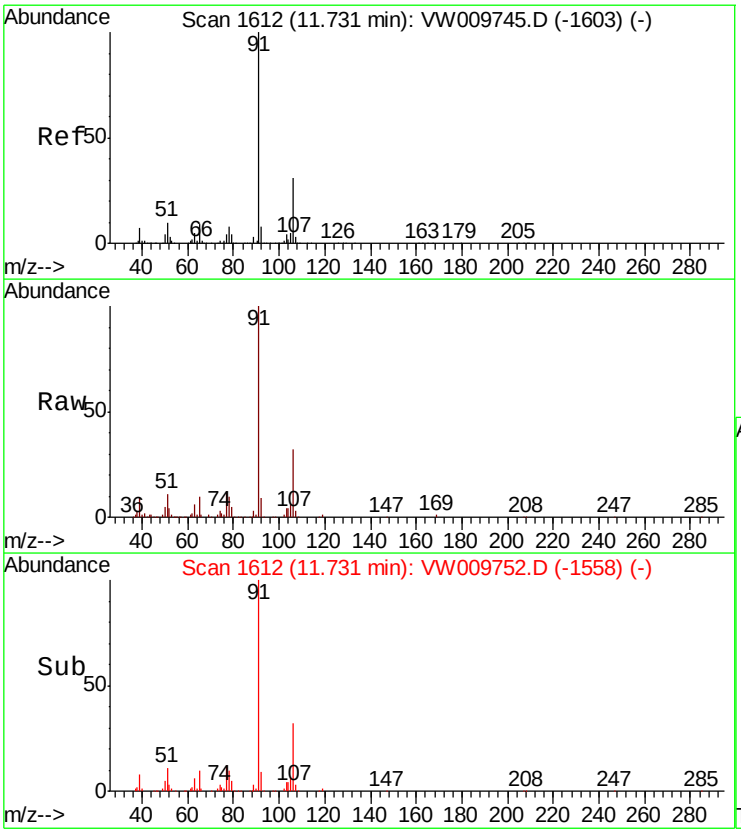
#50
Dibromochloromethane
Concen: 0.627 ug/L
RT: 10.87 min Scan# 1470
Delta R.T. -0.26 min
Lab File: VW009752.D
Acq: 06 Apr 2019 02:57

Instrument : MSVOA_W
ClientSampleId : BF650RE

Tgt Ion:129 Resp: 2594

Ion	Ratio	Lower	Upper
129	100		
127	0.0	53.0	98.4#

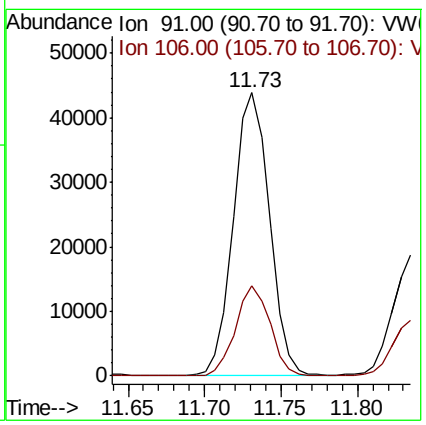


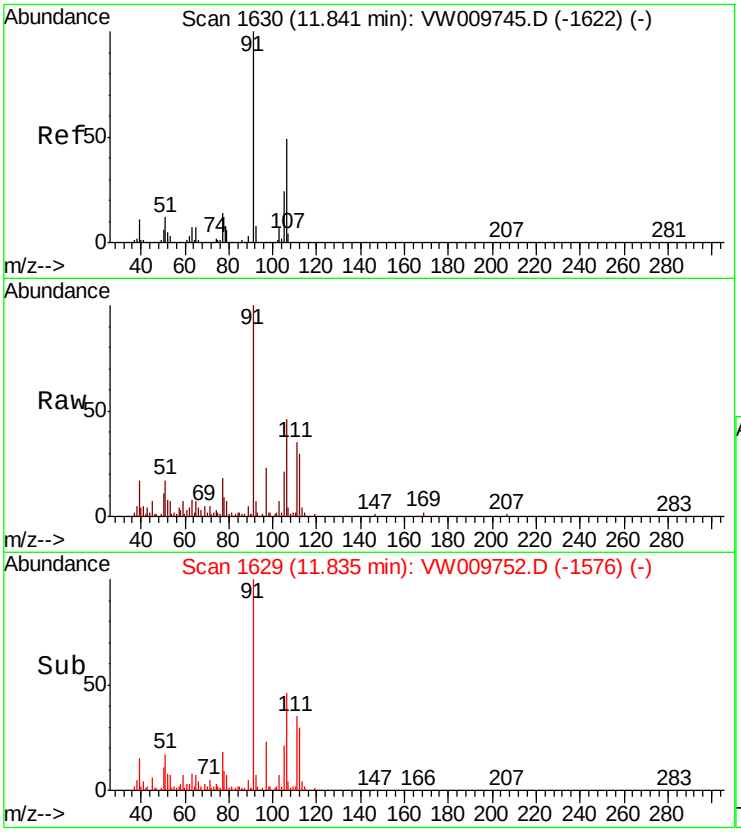


#53
Ethylbenzene
Concen: 3.401 ug/L
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW009752.D
Acq: 06 Apr 2019 02:57

Tgt Ion: 91 Resp: 71956

Ion	Ratio	Lower	Upper
91	100		
106	31.7	21.5	39.9



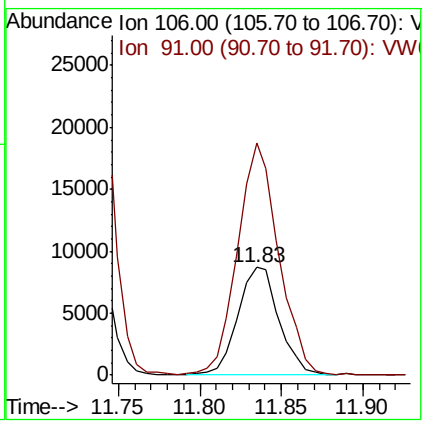


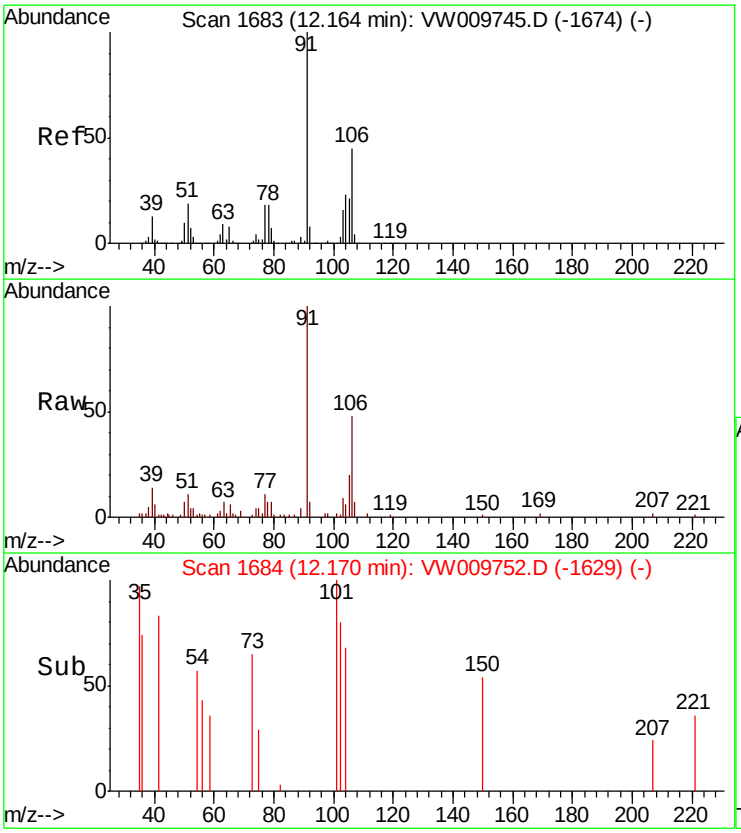
#54
m,p-Xylene
Concen: 1.963 ug/L
RT: 11.83 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW009752.D
Acq: 06 Apr 2019 02:57

Instrument :
MSVOA_W
ClientSampleId :
BF650RE

Tgt Ion:106 Resp: 15359

Ion	Ratio	Lower	Upper
106	100		
91	216.0	145.3	269.9

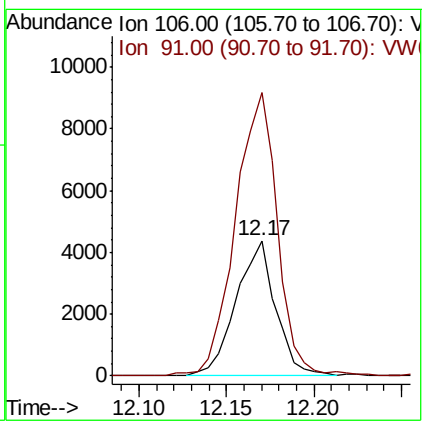


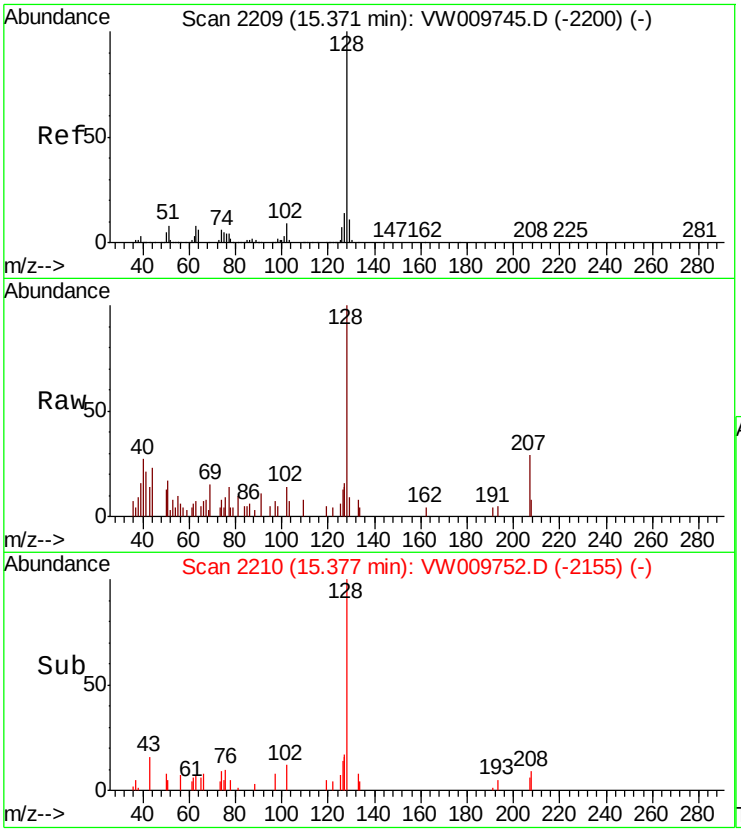


#55
o-xylene
Concen: 0.928 ug/L
RT: 12.17 min Scan# 1684
Delta R.T. 0.01 min
Lab File: VW009752.D
Acq: 06 Apr 2019 02:57

Tgt Ion:106 Resp: 6916

Ion	Ratio	Lower	Upper
106	100		
91	208.9	153.9	285.7





#69
Naphthalene
Concen: 0.687 ug/L
RT: 15.38 min Scan# 2210
Delta R.T. 0.01 min
Lab File: VW009752.D
Acq: 06 Apr 2019 02:57

Instrument :
MSVOA_W
ClientSampleId :
BF650RE

Tgt Ion:128 Resp: 3529

Ion	Ratio	Lower	Upper
128	100		
129	6.9	8.5	12.7#
127	17.5	10.8	16.2#