Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW071319\

Quantitation Report (Not Reviewed)

Data File : VW011239.D
Acq On : 12 Jul 2019 14:52
Operator : SY/VA
Sample : K3760-16MSD
Misc : 5.55G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DB8Z4

Quant Time: Jul 13 05:35:57 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.M
Quant Title : VOC Analysis
QLast Update : Sat Jul 13 05:32:10 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	296345	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	209677	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	61884	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.35	65	79782	17.63	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 70.52%			
7) Chloroethane-d5	2.88	69	63851	20.11	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 80.44%			
10) 1,1-Dichloroethene-d2	4.02	63	199587	20.83	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 83.32%			
20) 2-Butanone-d5	7.07	46	66686	37.41	ug/L	-0.02
Spiked Amount 50.000	Range 20 - 135		Recovery = 74.82%			
24) Chloroform-d	7.65	84	183916	22.64	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 90.56%			
26) 1,2-Dichloroethane-d4	8.31	65	111923	22.37	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 89.48%			
29) Benzene-d6	8.27	84	363609	28.15	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 112.60%			
33) 1,2-Dichloropropane-d6	9.27	67	126622	30.10	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 120.40%#			
37) Toluene-d8	10.32	98	289295	25.13	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 100.52%			
38) trans-1,3-Dichloropropene-	10.58	79	31579	17.66	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 70.64%			
39) 2-Hexanone-d5	10.92	63	31195	32.34	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 64.68%			
48) 1,1,2,2-Tetrachloroethane-	12.69	84	72301	20.78	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 83.12%			
61) 1,2-Dichlorobenzene-d4	13.85	152	51493	21.68	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 86.72%			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	4.04	96	94332	24.222	ug/L	83
13) Acetone	4.12	43	52853	30.357	ug/L	98
15) Methyl Acetate	4.68	43	4320	1.525	ug/L	97
21) 2-Butanone	7.17	43	4019	1.788	ug/L	98
34) Benzene	8.32	78	431149	32.901	ug/L	100
35) Trichloroethene	9.09	95	98017	29.640	ug/L	100
44) Toluene	10.39	91	405443	29.891	ug/L	99
52) Chlorobenzene	11.66	112	200042	24.140	ug/L	99
57) Isopropylbenzene	12.47	105	459722	31.693	ug/L #	1

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

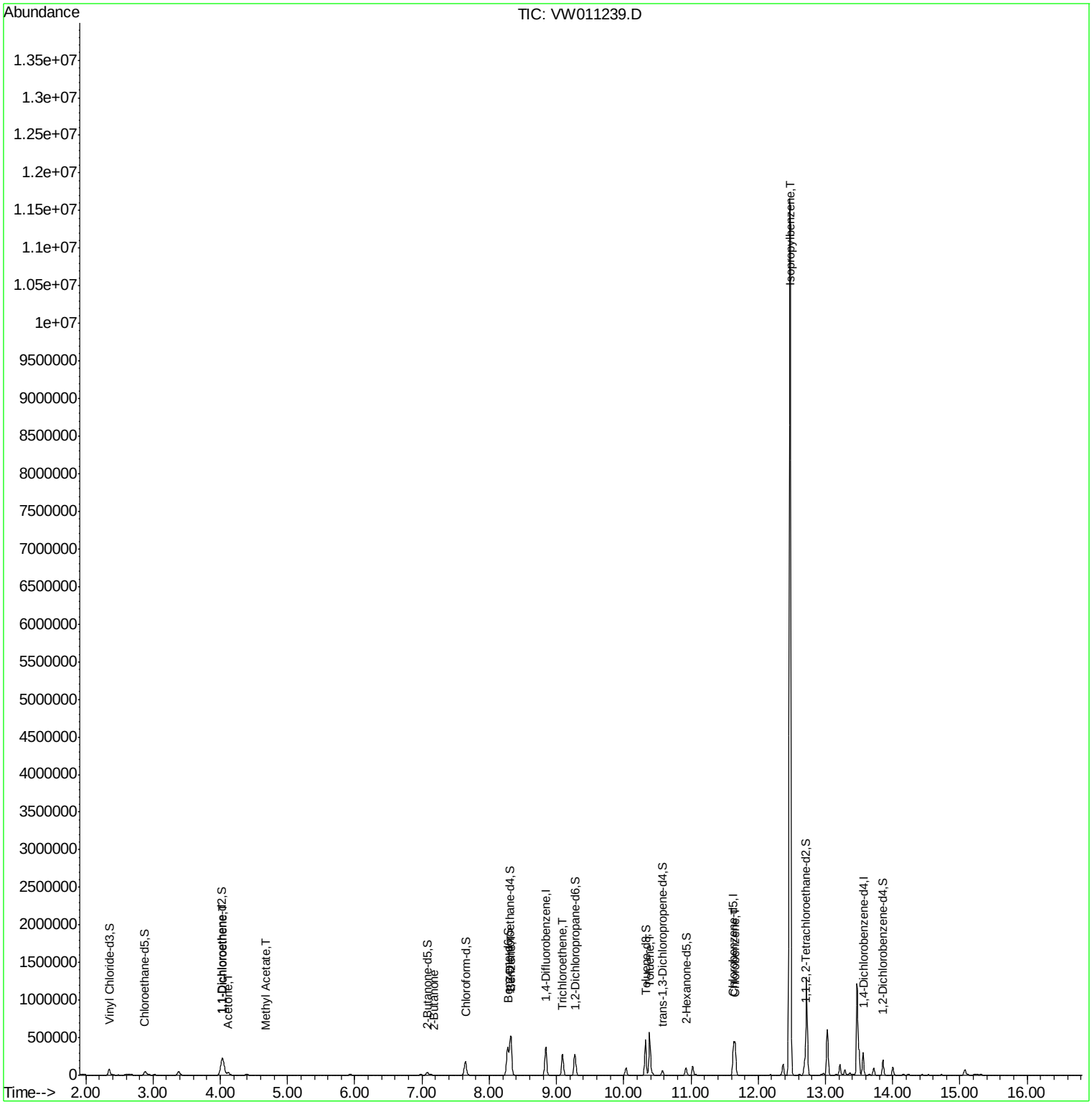
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW071319\

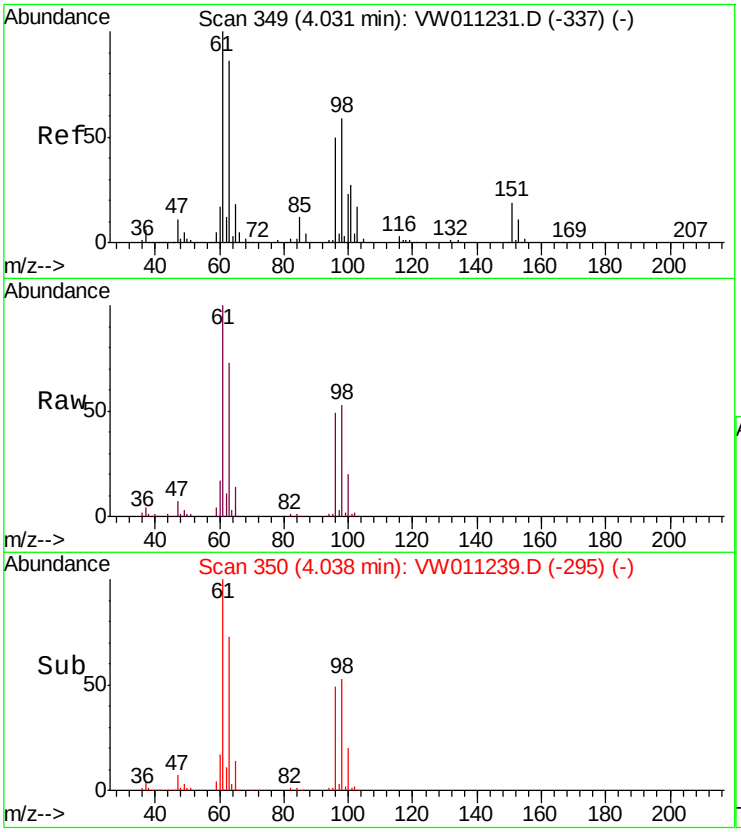
Quantitation Report (Not Reviewed)

Data File : VW011239.D
Acq On : 12 Jul 2019 14:52
Operator : SY/VA
Sample : K3760-16MSD
Misc : 5.55G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DB8Z4

Quant Time: Jul 13 05:35:57 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.M
Quant Title : VOC Analysis
QLast Update : Sat Jul 13 05:32:10 2019
Response via : Initial Calibration



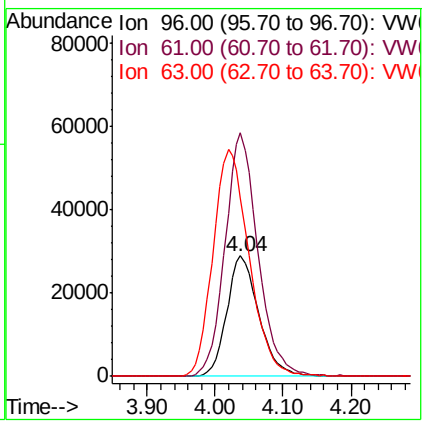


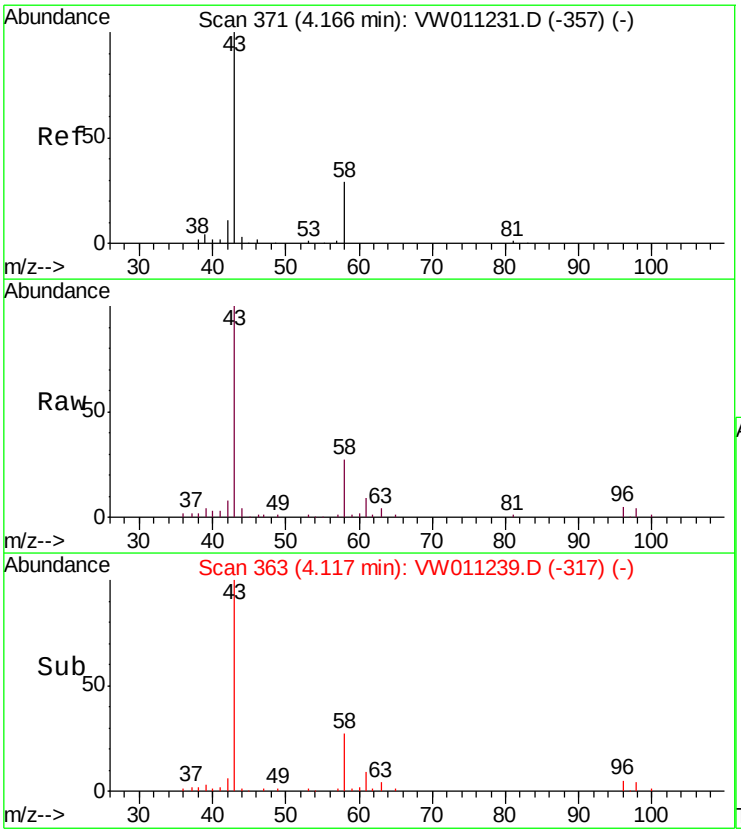
#12
1,1-Dichloroethene
Concen: 24.222 ug/L
RT: 4.04 min Scan# 350
Delta R.T. 0.01 min
Lab File: VW011239.D
Acq: 12 Jul 2019 14:52

Instrument : MSVOA_W
ClientSampleId : DB8Z4

Tgt Ion: 96 Resp: 94332

Ion	Ratio	Lower	Upper
96	100		
61	202.5	142.2	264.0
63	148.1	138.9	257.9

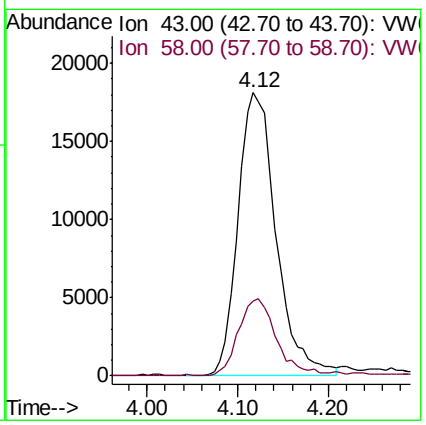


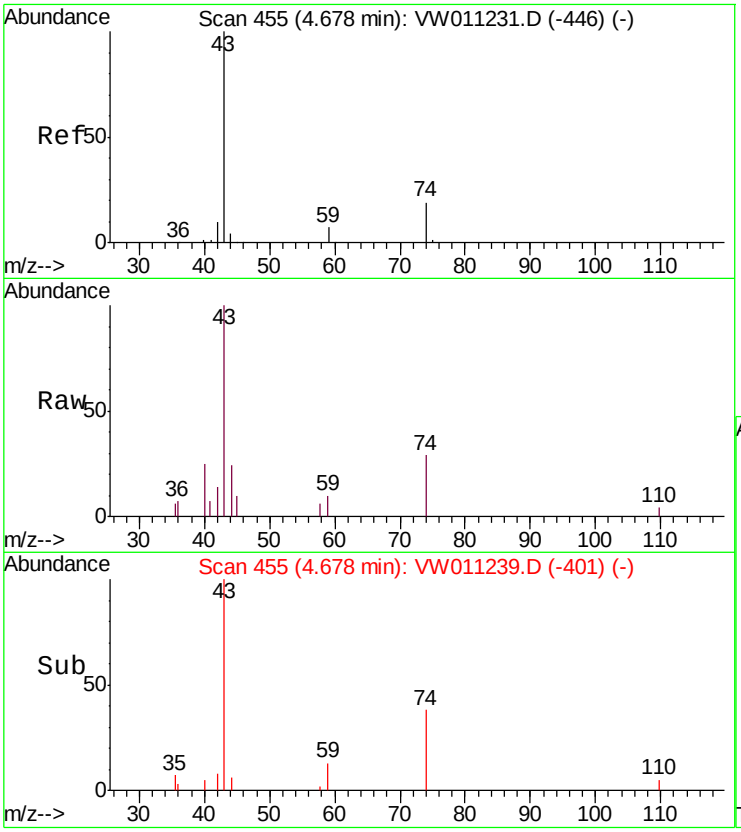


#13
Acetone
Concen: 30.357 ug/L
RT: 4.12 min Scan# 363
Delta R.T. -0.05 min
Lab File: VW011239.D
Acq: 12 Jul 2019 14:52

Tgt Ion: 43 Resp: 52853

Ion	Ratio	Lower	Upper
43	100		
58	26.7	0.0	55.0



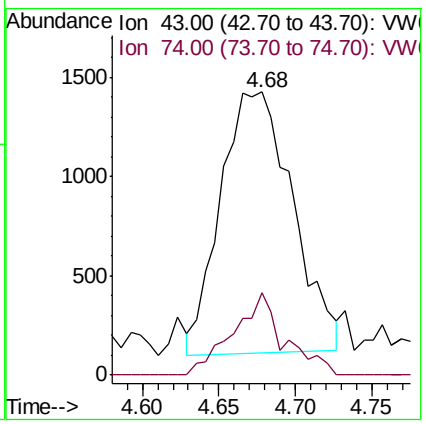


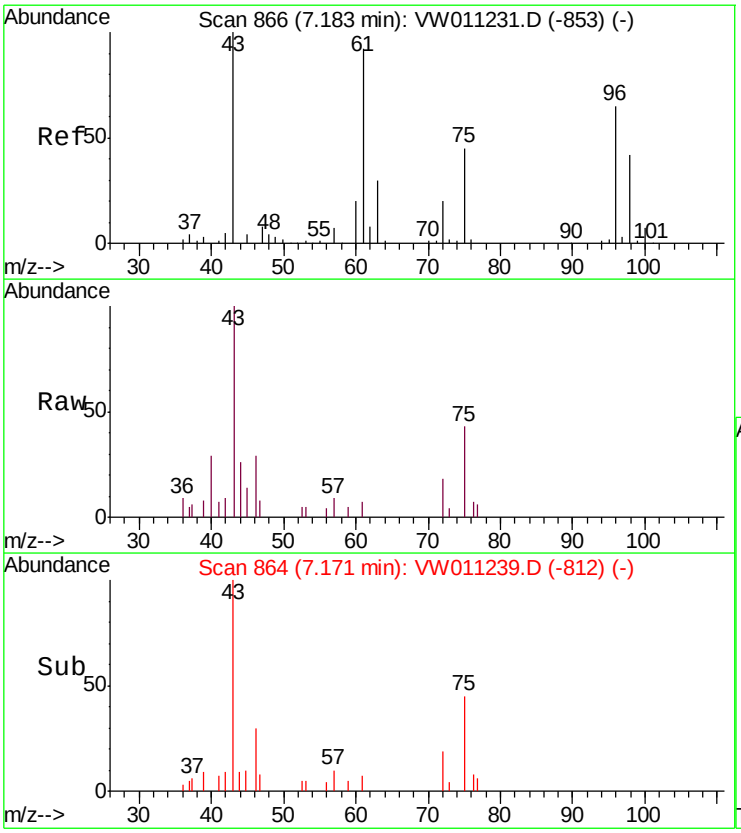
#15
Methyl Acetate
Concen: 1.525 ug/L
RT: 4.68 min Scan# 455
Delta R.T. 0.00 min
Lab File: VW011239.D
Acq: 12 Jul 2019 14:52

Instrument : MSVOA_W
ClientSampleId : DB8Z4

Tgt Ion: 43 Resp: 4320

Ion	Ratio	Lower	Upper
43	100		
74	17.7	15.1	22.7

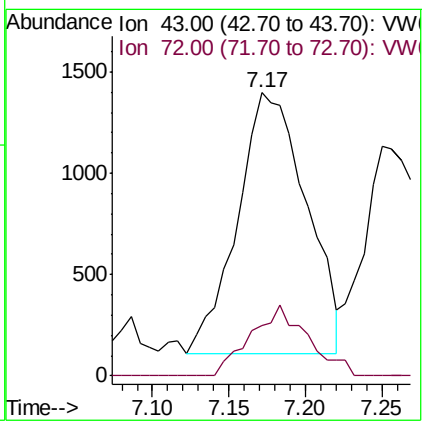


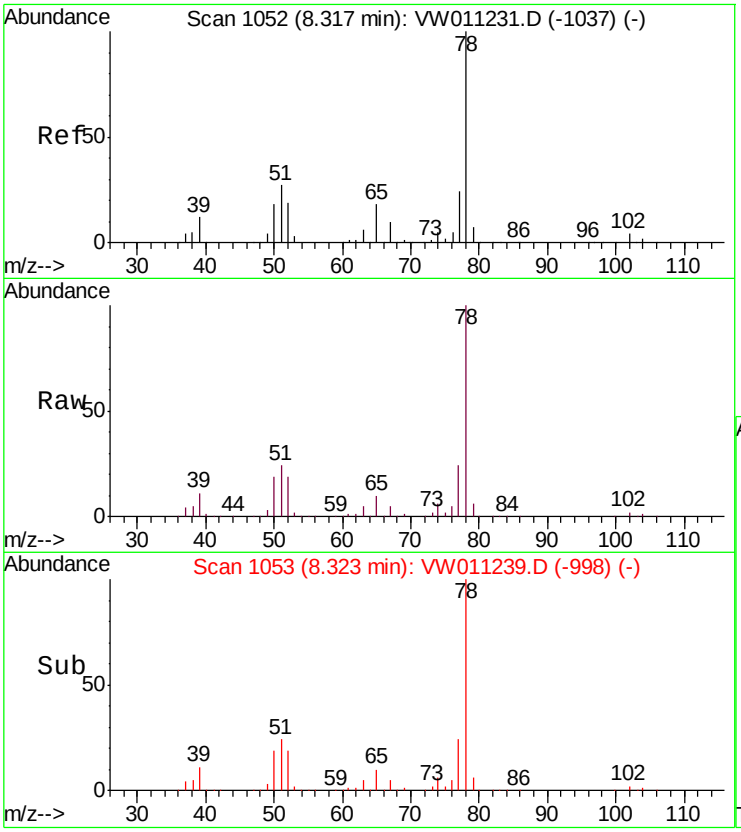


#21
2-Butanone
Concen: 1.788 ug/L
RT: 7.17 min Scan# 864
Delta R.T. -0.01 min
Lab File: VW011239.D
Acq: 12 Jul 2019 14:52

Tgt Ion: 43 Resp: 4019

Ion	Ratio	Lower	Upper
43	100		
72	21.7	11.2	33.6

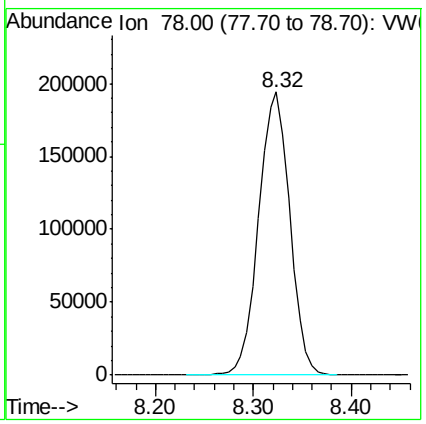


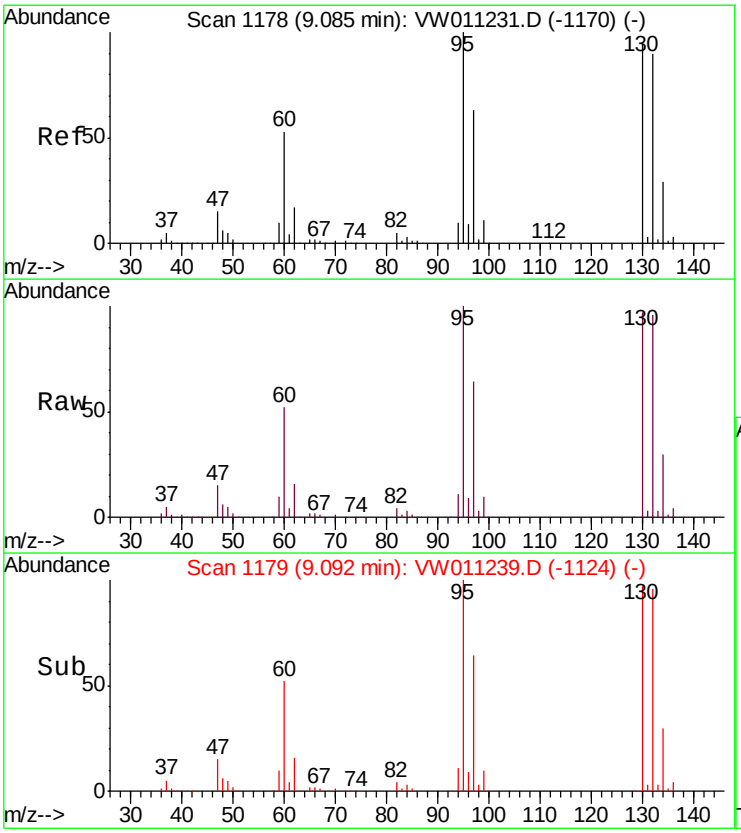


#34
Benzene
Concen: 32.901 ug/L
RT: 8.32 min Scan# 1053
Delta R.T. 0.01 min
Lab File: VW011239.D
Acq: 12 Jul 2019 14:52

Instrument :
MSVOA_W
ClientSampleId :
DB8Z4

Tgt Ion: 78 Resp: 431149

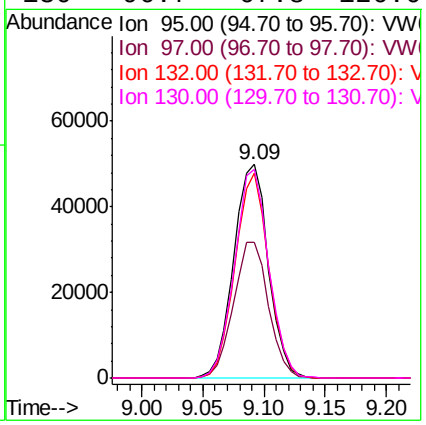


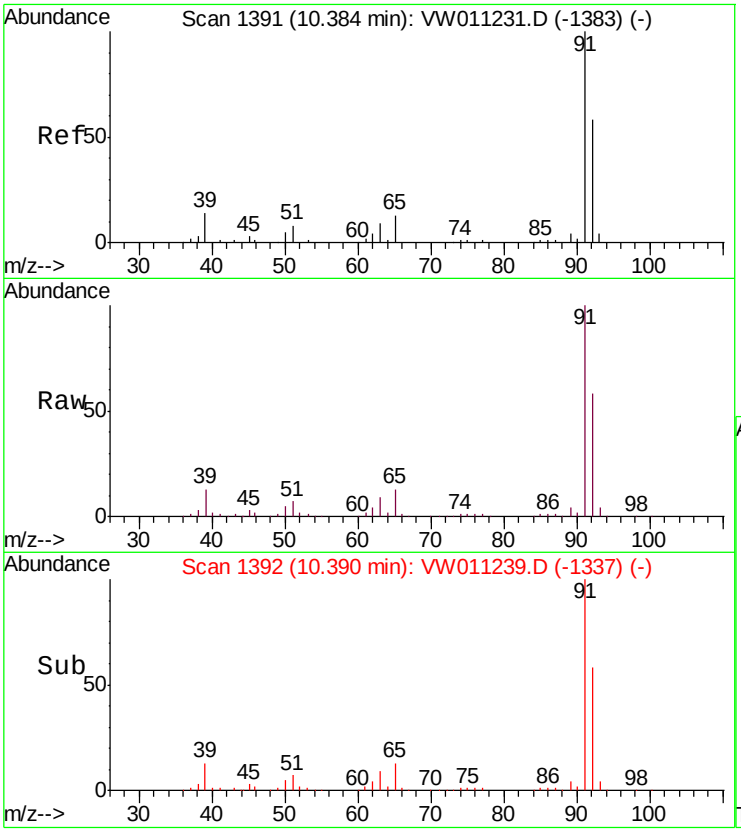


#35
Trichloroethene
Concen: 29.640 ug/L
RT: 9.09 min Scan# 1179
Delta R.T. 0.01 min
Lab File: VW011239.D
Acq: 12 Jul 2019 14:52

Tgt Ion: 95 Resp: 98017

Ion	Ratio	Lower	Upper
95	100		
97	64.2	45.4	84.2
132	93.3	65.0	120.8
130	96.7	67.8	126.0



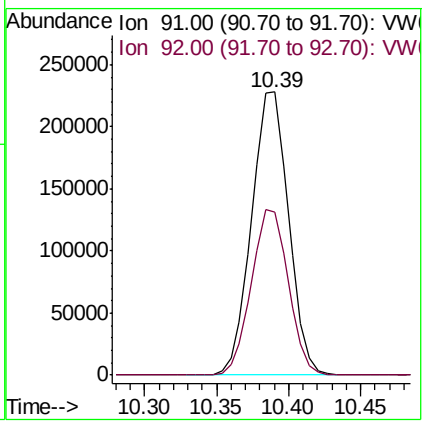


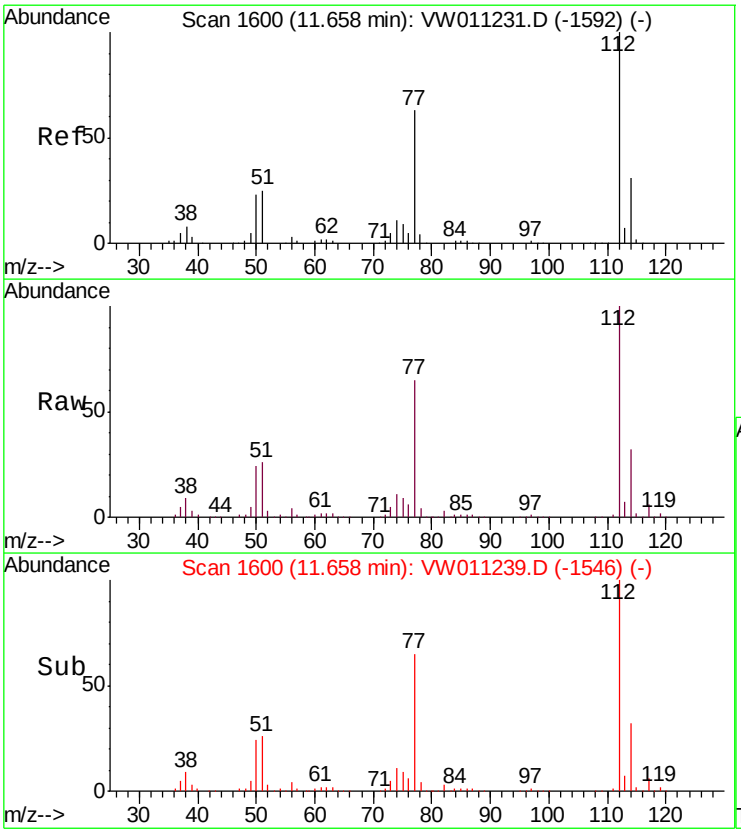
#44
Toluene
Concen: 29.891 ug/L
RT: 10.39 min Scan# 1392
Delta R.T. 0.01 min
Lab File: VW011239.D
Acq: 12 Jul 2019 14:52

Instrument : MSVOA_W
ClientSampleId : DB8Z4

Tgt Ion: 91 Resp: 405443

Ion	Ratio	Lower	Upper
91	100		
92	57.8	40.8	75.8

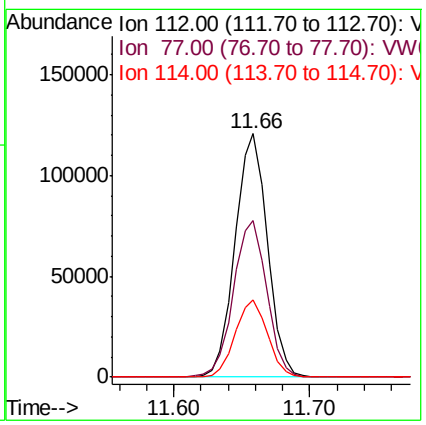


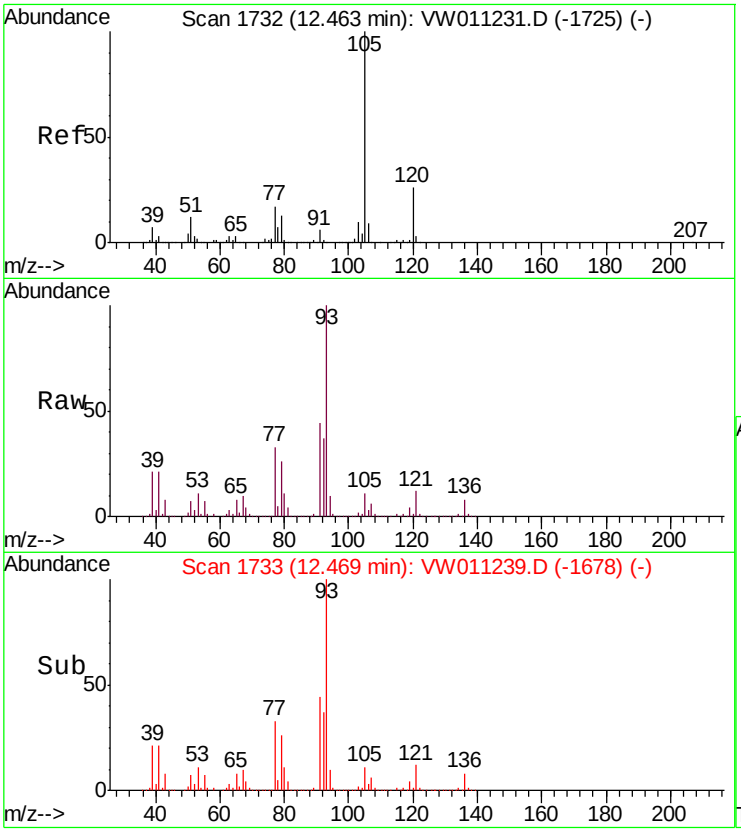


#52
Chlorobenzene
Concen: 24.140 ug/L
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW011239.D
Acq: 12 Jul 2019 14:52

Tgt Ion:112 Resp: 200042

Ion	Ratio	Lower	Upper
112	100		
77	64.5	51.2	76.8
114	31.9	22.0	40.8





#57
Isopropylbenzene
Concen: 31.693 ug/L
RT: 12.47 min Scan# 1733
Delta R.T. 0.01 min
Lab File: VW011239.D
Acq: 12 Jul 2019 14:52

Instrument :
MSVOA_W
ClientSampleId :
DB8Z4

Tgt Ion:105 Resp: 459722

Ion	Ratio	Lower	Upper
105	100		
120	6.5	20.7	31.1#
77	306.0	13.5	20.3#