Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062619\

Quantitation Report (Not Reviewed)

Data File : VW010998.D
Acq On : 26 Jun 2019 12:24
Operator : SY/VA
Sample : K3461-04MS
Misc : 4.73G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : YANZ3MS

Quant Time: Jun 27 07:33:51 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062419S.M
Quant Title : VOC Analysis
QLast Update : Thu Jun 27 07:30:59 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	50912	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	50022	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	21323	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.34	65	12898	19.54	ug/L	-0.01
Spiked Amount 25.000	Range 30 - 150		Recovery = 78.16%			
7) Chloroethane-d5	2.88	69	11089	21.80	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 87.20%			
10) 1,1-Dichloroethene-d2	4.01	63	31390	20.13	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 80.52%			
20) 2-Butanone-d5	7.08	46	18666	60.23	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 120.46%			
24) Chloroform-d	7.65	84	32241	23.48	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 93.92%			
26) 1,2-Dichloroethane-d4	8.31	65	23608	27.74	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 110.96%			
29) Benzene-d6	8.27	84	63396	21.11	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 84.44%			
33) 1,2-Dichloropropane-d6	9.27	67	23069	23.25	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 93.00%			
37) Toluene-d8	10.32	98	52449	19.36	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 77.44%			
38) trans-1,3-Dichloropropene-	10.58	79	8404	19.14	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 76.56%			
39) 2-Hexanone-d5	10.92	63	11862	53.19	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 106.38%			
48) 1,1,2,2-Tetrachloroethane-	12.69	84	23039	28.17	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 112.68%			
61) 1,2-Dichlorobenzene-d4	13.85	152	19795	24.59	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 98.36%			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	4.03	96	12893	18.092	ug/L	94
13) Acetone	4.13	43	1277	4.303	ug/L	90
21) 2-Butanone	7.12	43	486	1.245	ug/L	97
34) Benzene	8.32	78	65580	19.951	ug/L	100
35) Trichloroethene	9.09	95	15774	18.923	ug/L	99
36) Methylcyclohexane	9.27	83	5199	3.398	ug/L #	14
40) 1,2-Dichloropropane	9.27	63	2756	3.046	ug/L #	88
44) Toluene	10.39	91	65014	18.915	ug/L	98
52) Chlorobenzene	11.66	112	41121	19.881	ug/L	99
59) 1,2,3-Trichloropropane	13.56	75	2936	4.664	ug/L	90

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

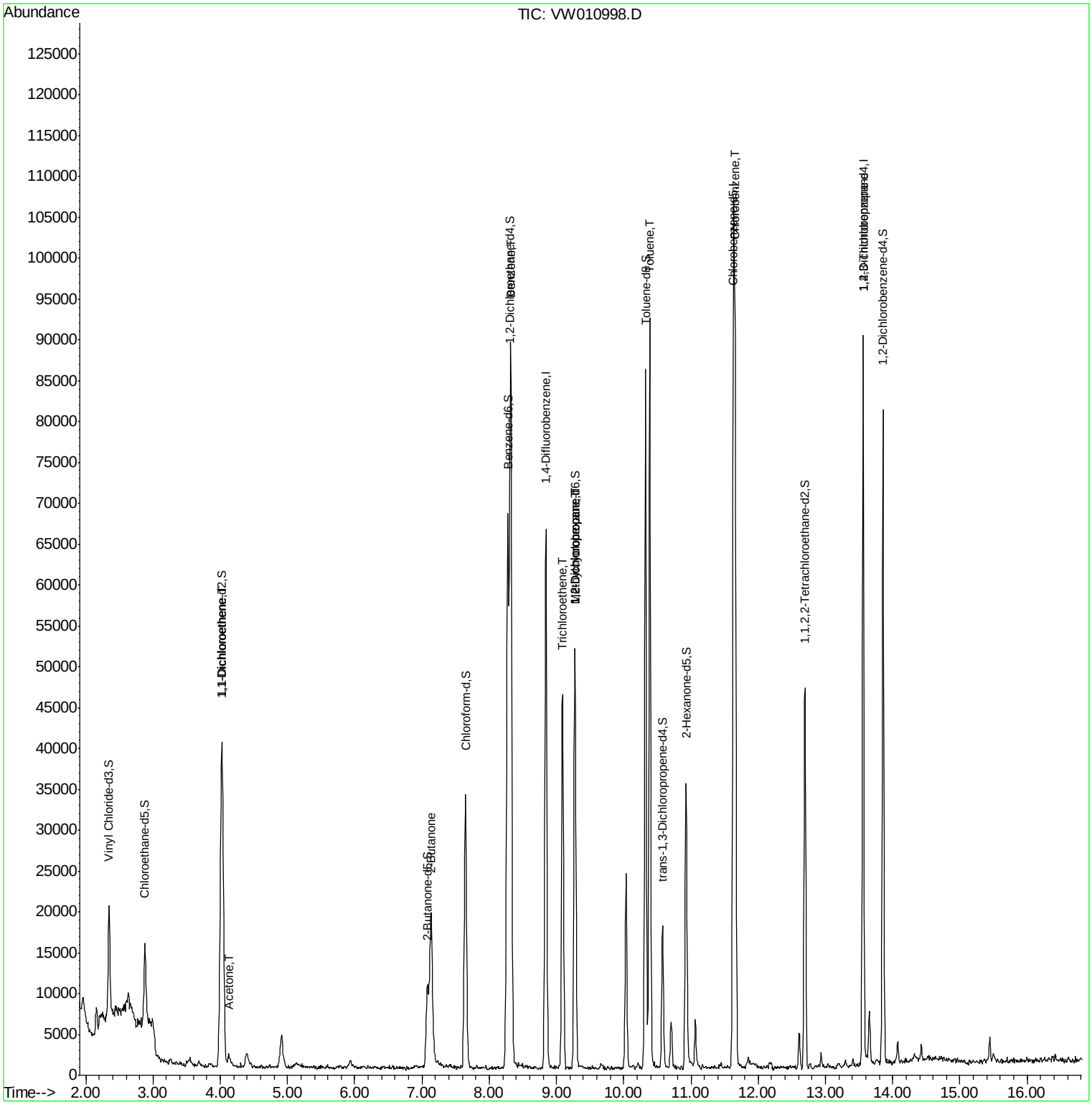
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062619\

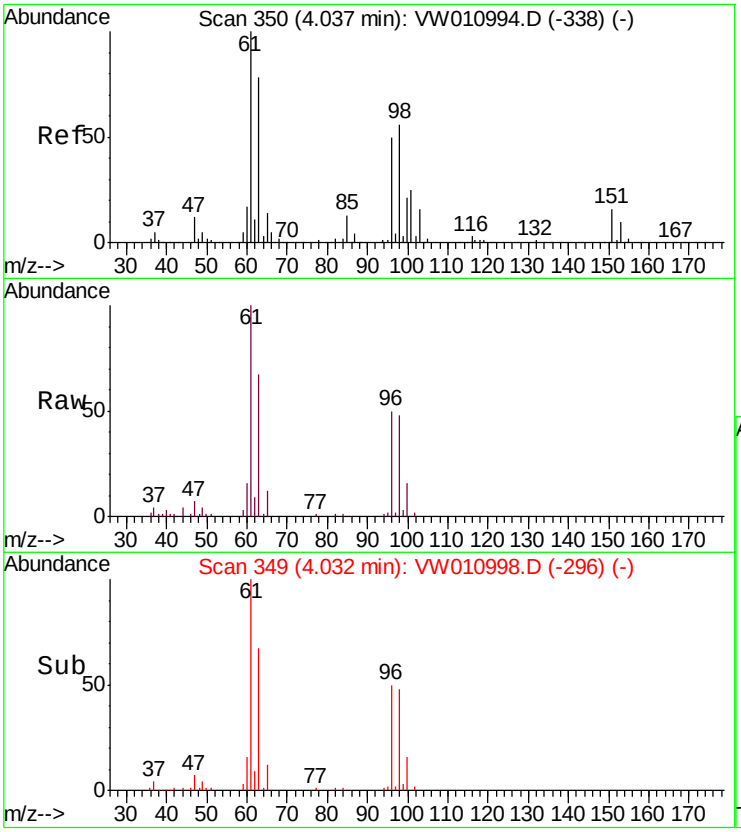
Quantitation Report (Not Reviewed)

Data File : VW010998.D
Acq On : 26 Jun 2019 12:24
Operator : SY/VA
Sample : K3461-04MS
Misc : 4.73G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : YANZ3MS

Quant Time: Jun 27 07:33:51 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062419S.M
Quant Title : VOC Analysis
QLast Update : Thu Jun 27 07:30:59 2019
Response via : Initial Calibration



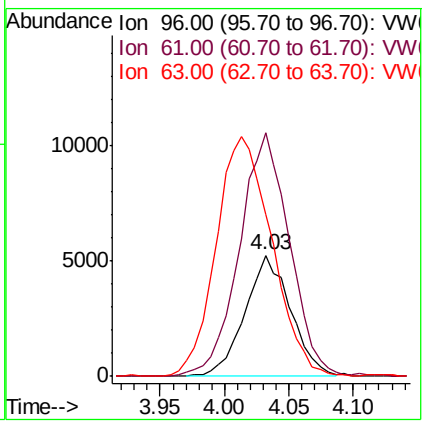


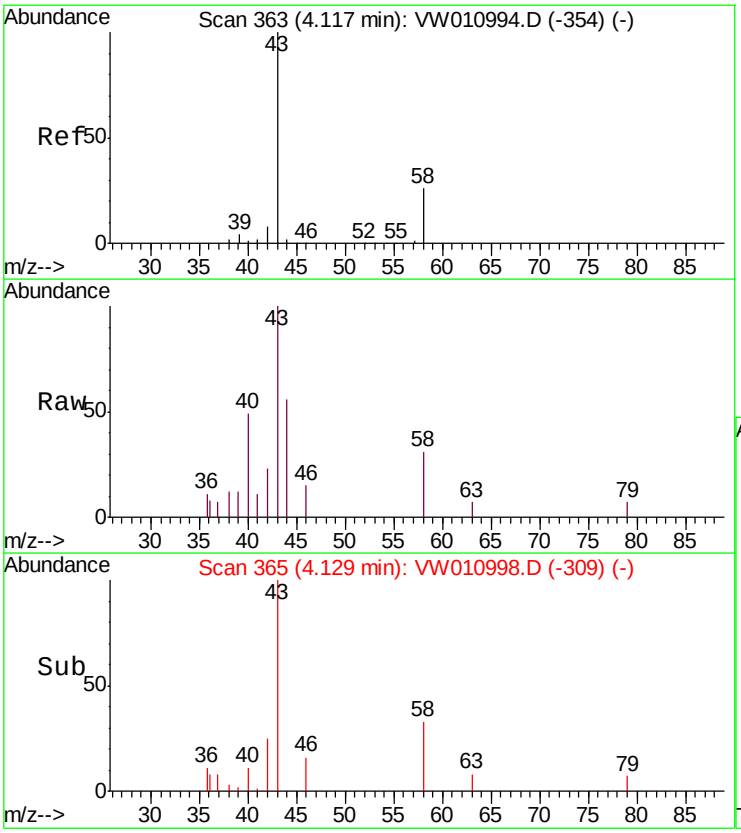
#12
1,1-Dichloroethene
Concen: 18.092 ug/L
RT: 4.03 min Scan# 349
Delta R.T. -0.01 min
Lab File: VW010998.D
Acq: 26 Jun 2019 12:24

Instrument :
MSVOA_W
ClientSampleId :
YANZ3MS

Tgt Ion: 96 Resp: 12893

Ion	Ratio	Lower	Upper
96	100		
61	201.7	144.5	268.3
63	134.4	102.3	189.9

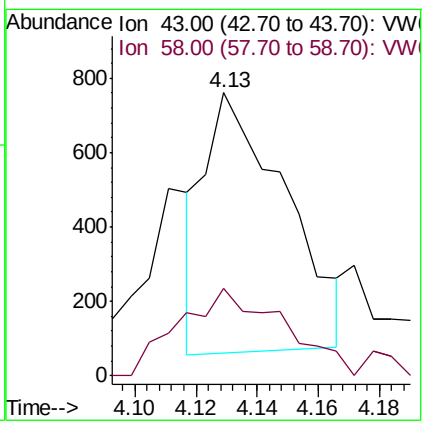


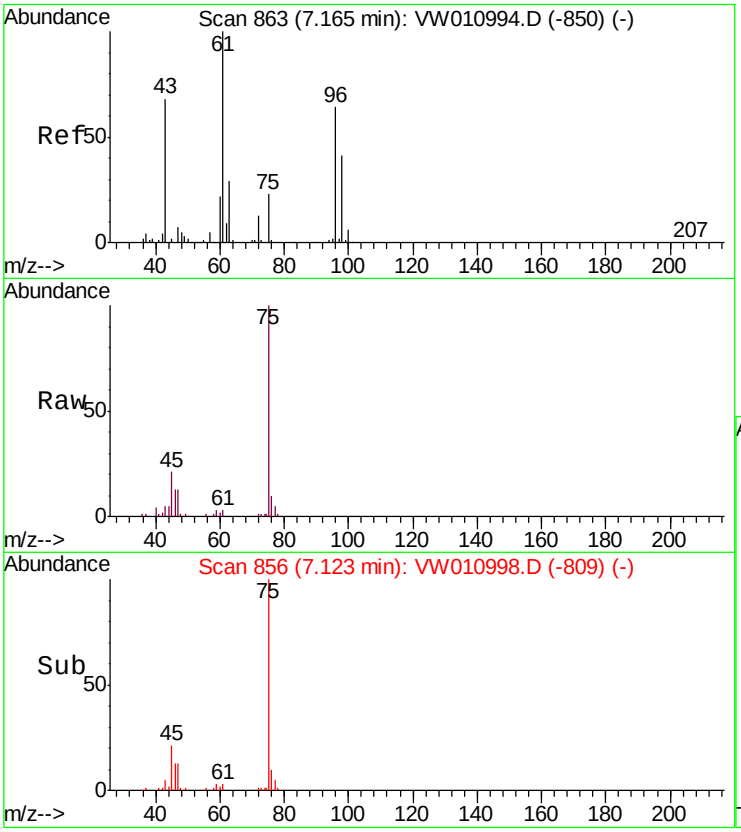


#13
Acetone
Concen: 4.303 ug/L
RT: 4.13 min Scan# 365
Delta R.T. 0.01 min
Lab File: VW010998.D
Acq: 26 Jun 2019 12:24

Tgt Ion: 43 Resp: 1277

Ion	Ratio	Lower	Upper
43	100		
58	31.9	0.0	53.2



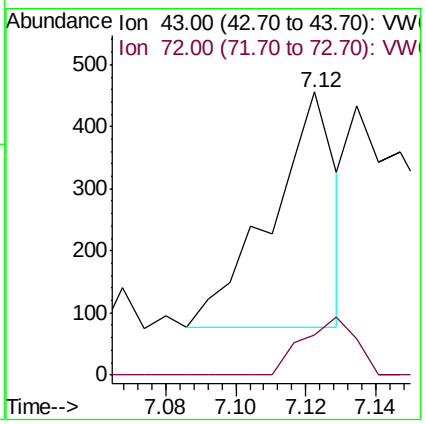


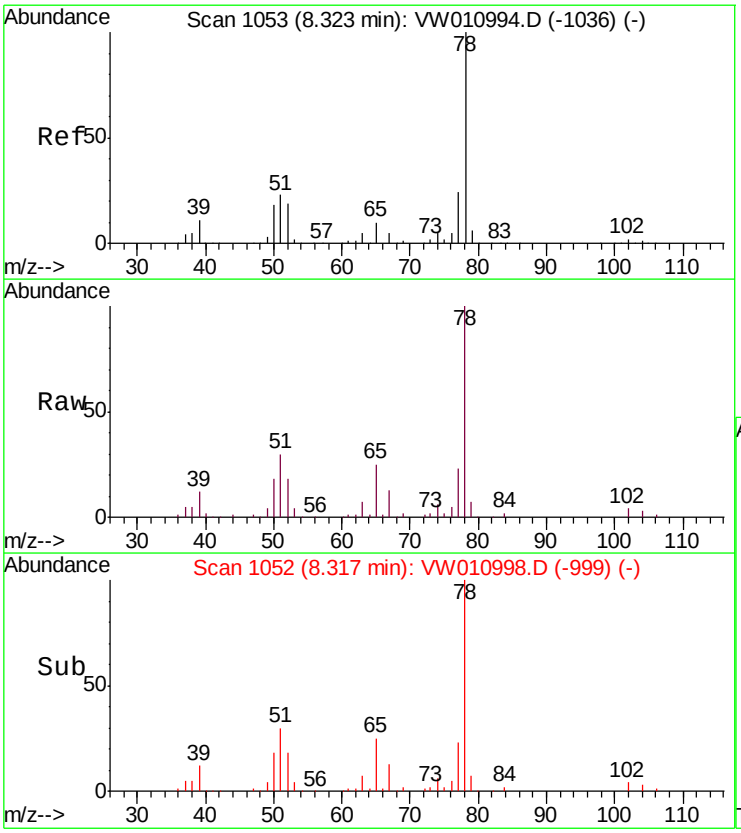
#21
2-Butanone
Concen: 1.245 ug/L
RT: 7.12 min Scan# 856
Delta R.T. -0.04 min
Lab File: VW010998.D
Acq: 26 Jun 2019 12:24

Instrument : MSVOA_W
ClientSampleId : YANZ3MS

Tgt Ion: 43 Resp: 486

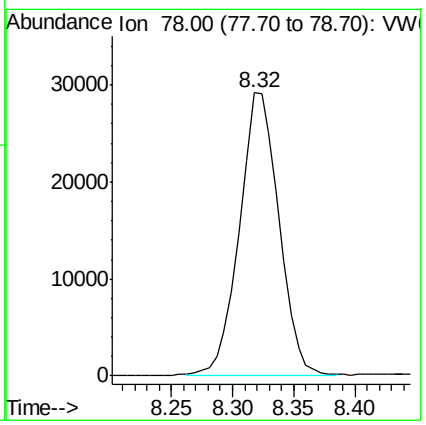
Ion	Ratio	Lower	Upper
43	100		
72	20.2	10.9	32.6

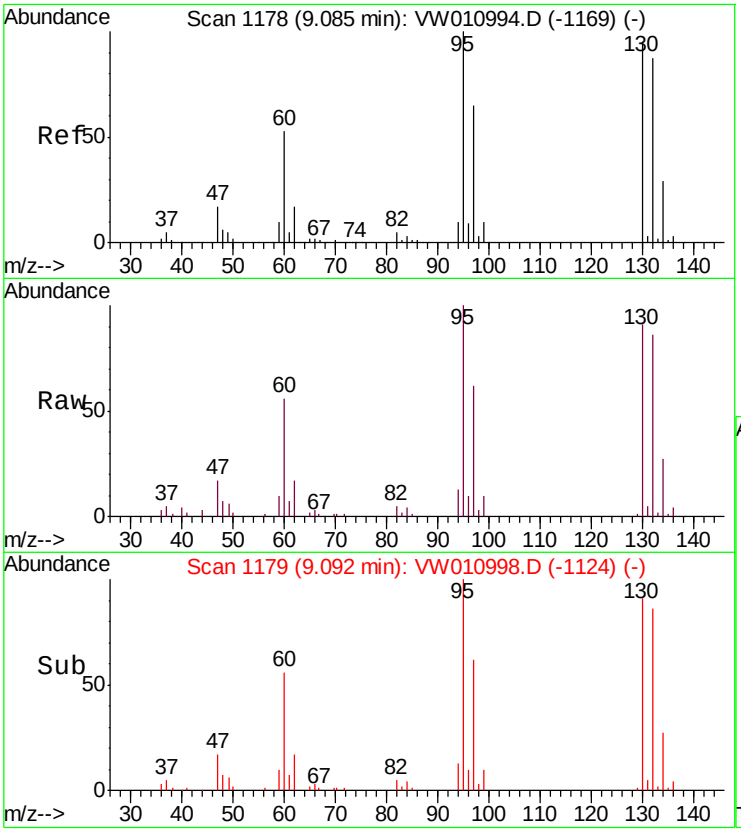




#34
Benzene
Concen: 19.951 ug/L
RT: 8.32 min Scan# 1052
Delta R.T. -0.01 min
Lab File: VW010998.D
Acq: 26 Jun 2019 12:24

Tgt Ion: 78 Resp: 65580



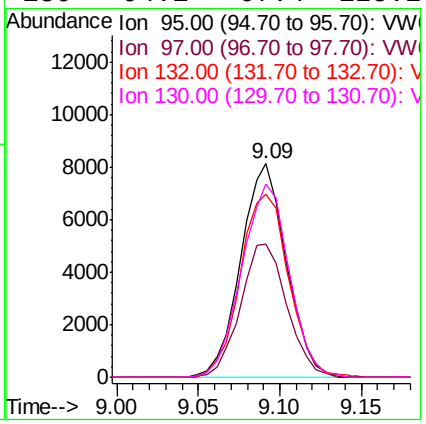


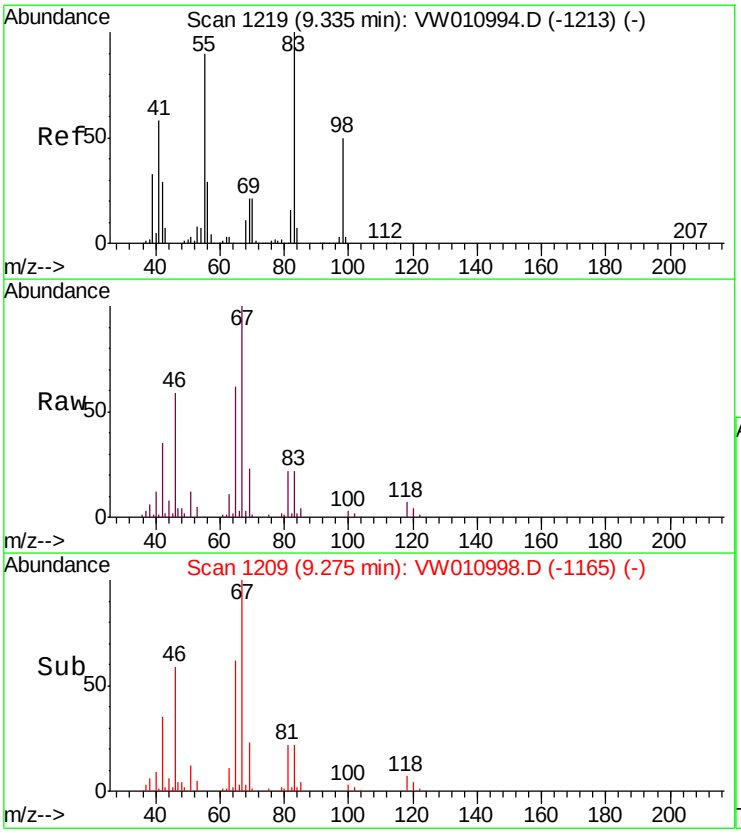
#35
Trichloroethene
Concen: 18.923 ug/L
RT: 9.09 min Scan# 1179
Delta R.T. 0.01 min
Lab File: VW010998.D
Acq: 26 Jun 2019 12:24

Instrument : MSVOA_W
ClientSampleId : YANZ3MS

Tgt Ion: 95 Resp: 15774

Ion	Ratio	Lower	Upper
95	100		
97	63.8	44.9	83.3
132	91.3	64.0	119.0
130	94.1	67.4	125.2

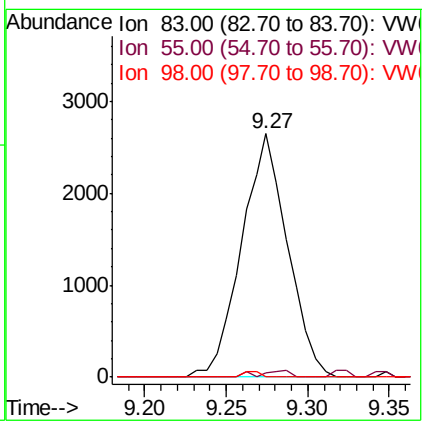


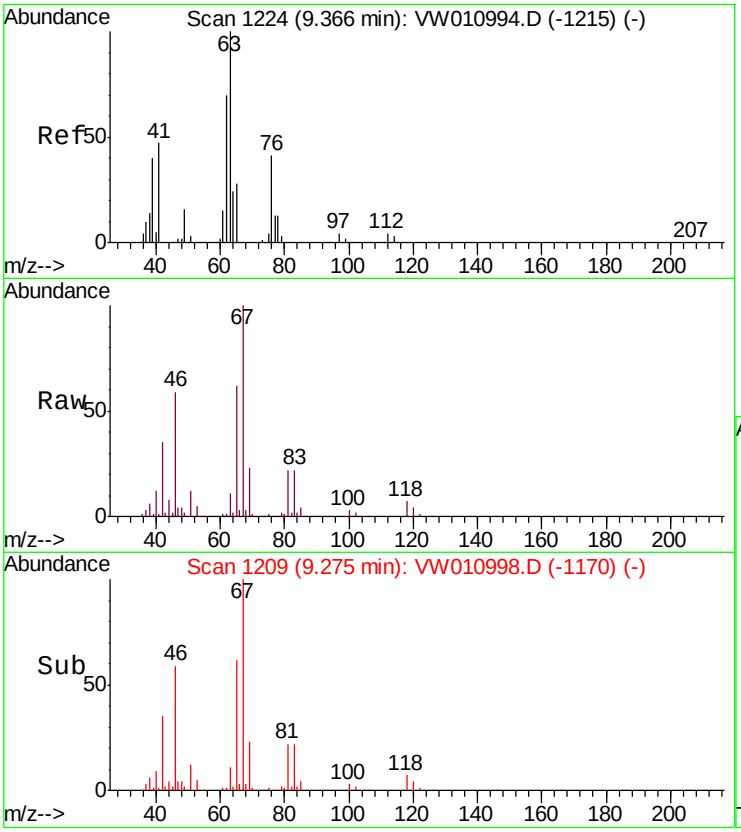


#36
Methylcyclohexane
Concen: 3.398 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.06 min
Lab File: VW010998.D
Acq: 26 Jun 2019 12:24

Tgt Ion: 83 Resp: 5199

Ion	Ratio	Lower	Upper
83	100		
55	1.3	72.2	108.2#
98	0.0	37.8	56.8#



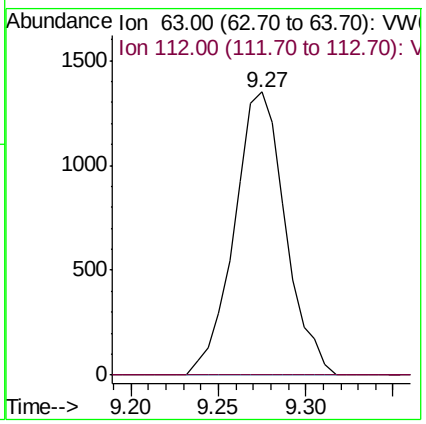


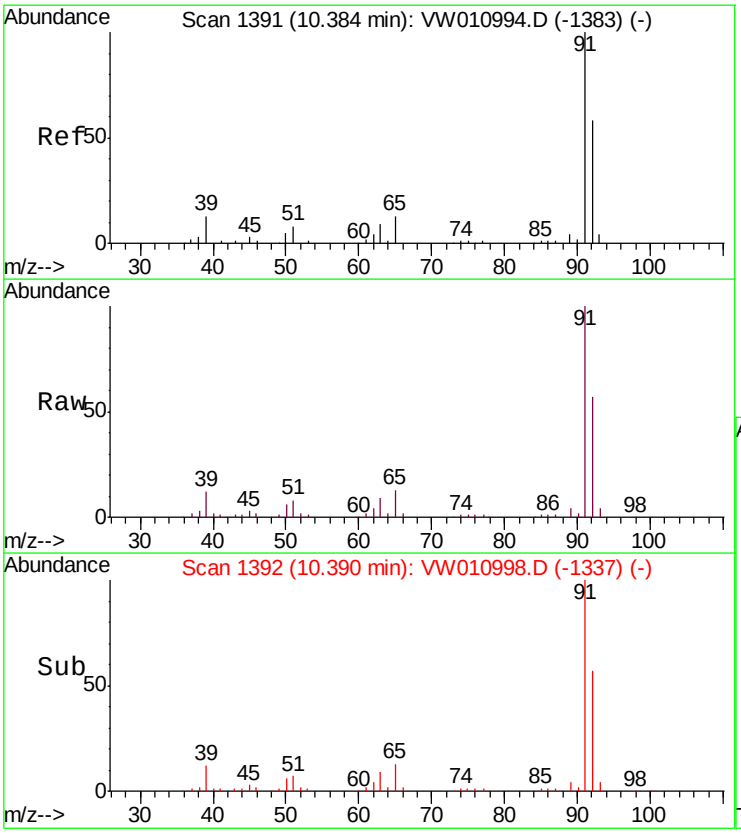
#40
1,2-Dichloropropane
Concen: 3.046 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.09 min
Lab File: VW010998.D
Acq: 26 Jun 2019 12:24

Instrument : MSVOA_W
ClientSampleId : YANZ3MS

Tgt Ion: 63 Resp: 2756

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.3	4.9#

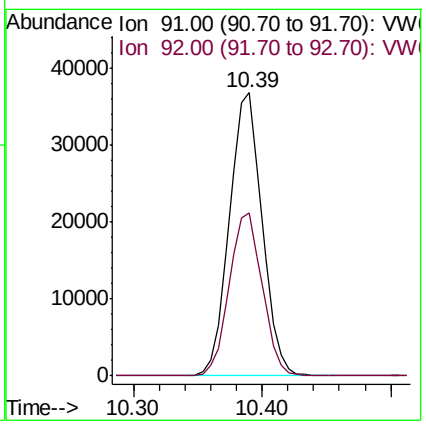


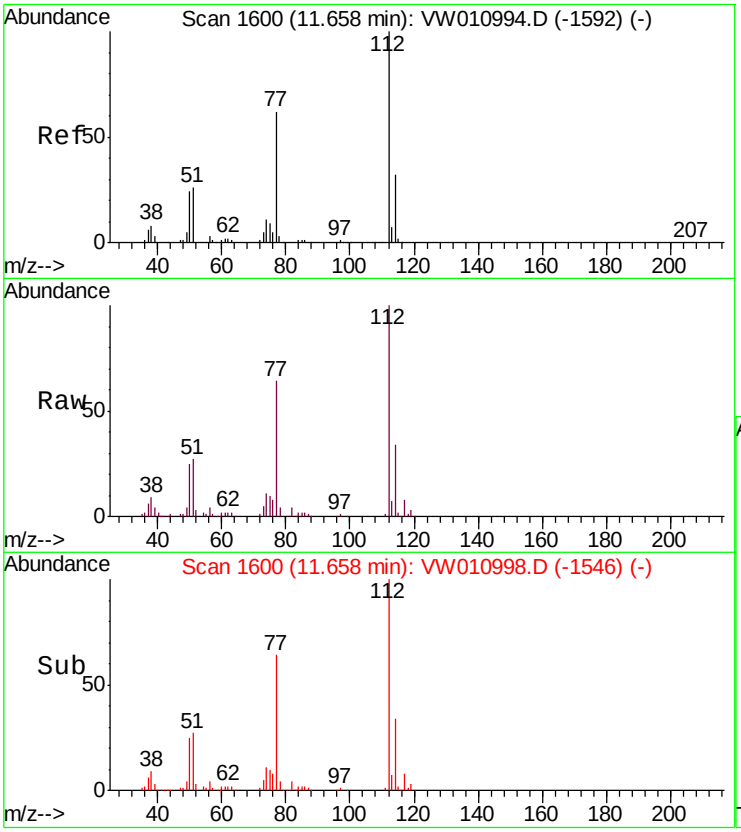


#44
Toluene
Concen: 18.915 ug/L
RT: 10.39 min Scan# 1392
Delta R.T. 0.01 min
Lab File: VW010998.D
Acq: 26 Jun 2019 12:24

Tgt Ion: 91 Resp: 65014

Ion	Ratio	Lower	Upper
91	100		
92	57.4	41.2	76.4



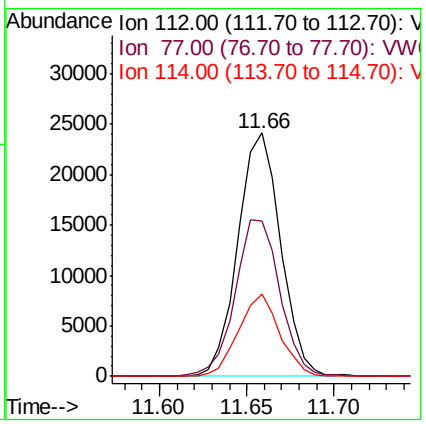


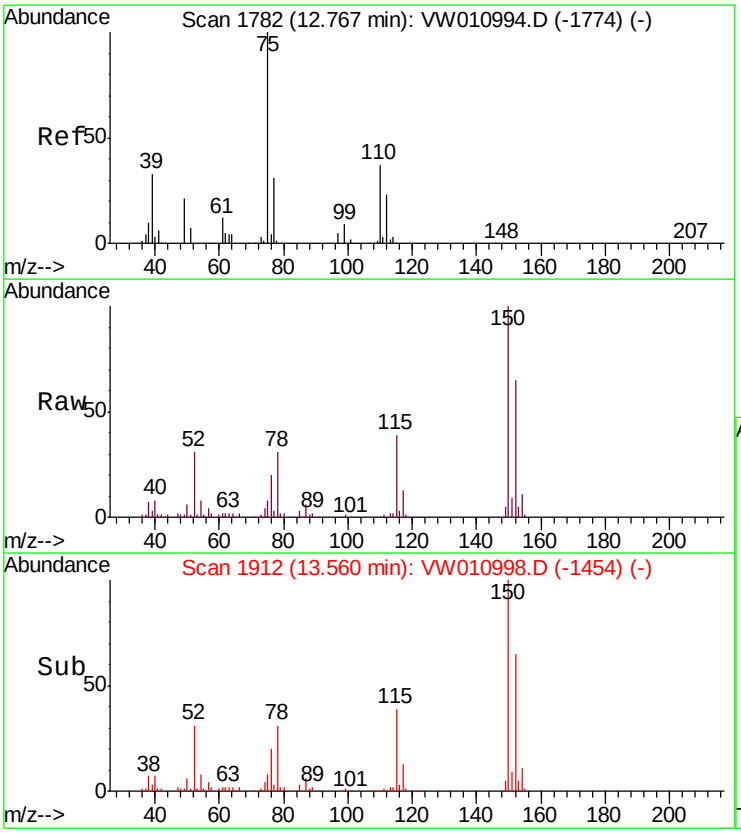
#52
Chlorobenzene
Concen: 19.881 ug/L
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW010998.D
Acq: 26 Jun 2019 12:24

Instrument :
MSVOA_W
ClientSampleId :
YANZ3MS

Tgt Ion:112 Resp: 41121

Ion	Ratio	Lower	Upper
112	100		
77	63.6	51.1	76.7
114	33.6	22.7	42.1





#59
1,2,3-Trichloropropane
Concen: 4.664 ug/L
RT: 13.56 min Scan# 1912
Delta R.T. 0.79 min
Lab File: VW010998.D
Acq: 26 Jun 2019 12:24

Tgt Ion: 75 Resp: 2936

Ion	Ratio	Lower	Upper
75	100		
77	36.8	25.2	37.8