Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW112519\

Quantitation Report (Not Reviewed)

Data File : VW014112.D
Acq On : 25 Nov 2019 15:35
Operator : SY/VA
Sample : K6007-07
Misc : 5.06G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : C0BL5

Quant Time: Nov 26 07:48:55 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.M
Quant Title : VOC Analysis
QLast Update : Tue Nov 26 07:45:45 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	206666	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	100093	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	15184	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.35	65	75080	22.77	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 91.08%			
7) Chloroethane-d5	2.89	69	78655	29.42	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 117.68%			
10) 1,1-Dichloroethene-d2	4.01	63	118487	17.51	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 70.04%			
20) 2-Butanone-d5	7.18	46	431	0.45	ug/L	0.12
Spiked Amount 50.000	Range 20 - 135		Recovery = 0.90%#			
24) Chloroform-d	7.64	84	210390	33.11	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 132.44%			
26) 1,2-Dichloroethane-d4	8.30	65	93604	29.30	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 117.20%			
29) Benzene-d6	8.27	84	413550	58.23	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 232.92%#			
33) 1,2-Dichloropropane-d6	9.27	67	134464	64.64	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 258.56%#			
37) Toluene-d8	10.32	98	260436	38.67	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 154.68%#			
38) trans-1,3-Dichloropropene-	10.57	79	17396	19.53	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 78.12%			
39) 2-Hexanone-d5	10.92	63	35490	89.96	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 179.92%#			
48) 1,1,2,2-Tetrachloroethane-	12.69	84	75144	47.83	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 191.32%#			
61) 1,2-Dichlorobenzene-d4	13.85	152	23002	37.71	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 150.84%#			

Target Compounds						Qvalue
13) Acetone	4.12	43	5454	5.595	ug/L	88
16) Methylene chloride	4.92	84	10491	2.637	ug/L	95
30) Cyclohexane	7.96	56	1796	0.561	ug/L #	60
31) 1,1,1-Trichloroethane	7.87	97	3424	1.365	ug/L	93
35) Trichloroethene	8.84	95	5876	3.000	ug/L #	2
36) Methylcyclohexane	9.33	83	5275	1.502	ug/L	97
49) 2-Hexanone	10.93	43	4781	5.683	ug/L #	63
57) Isopropylbenzene	12.48	105	2801	0.319	ug/L #	1

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

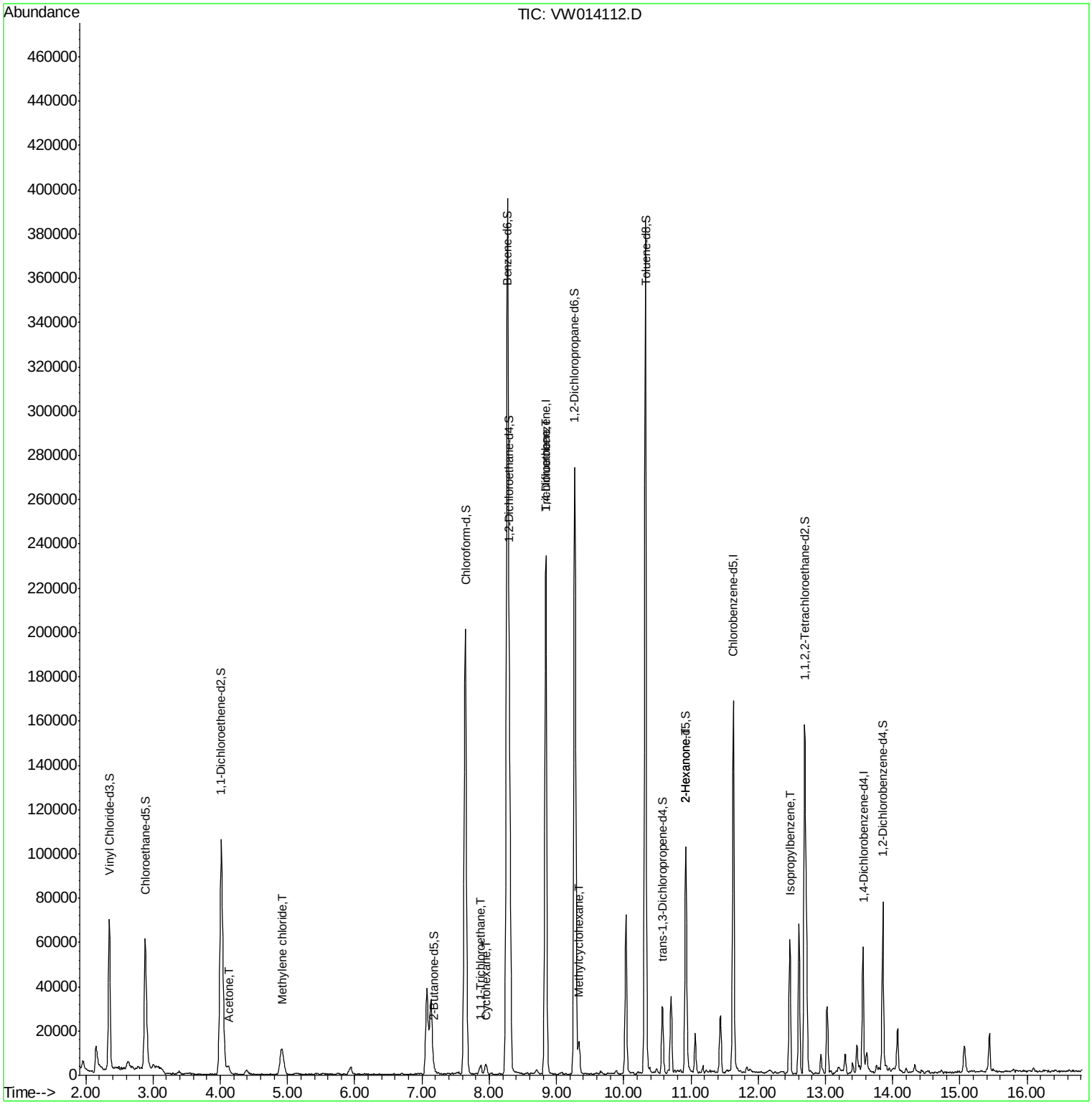
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW112519\

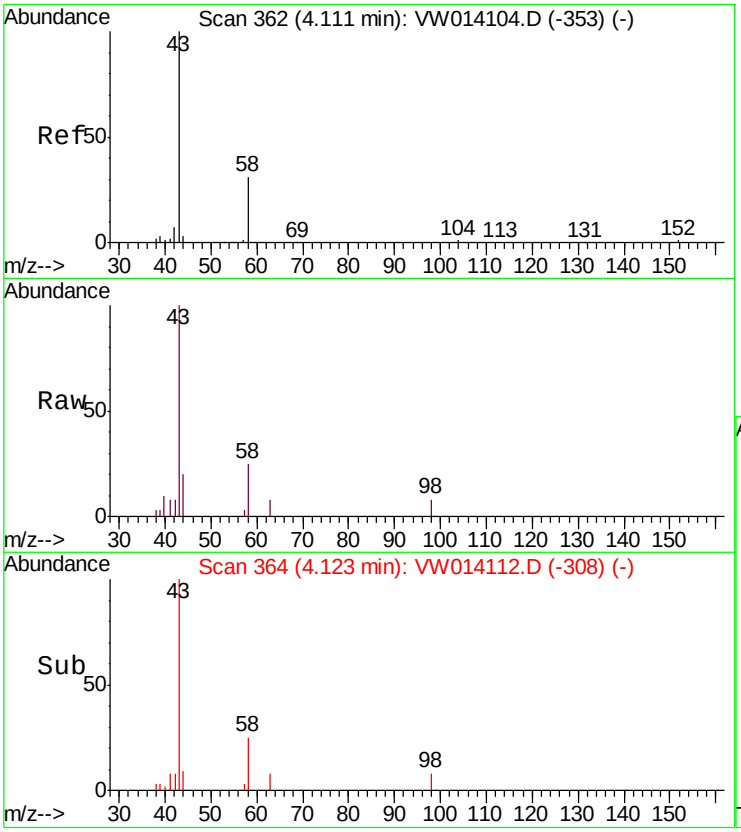
Quantitation Report (Not Reviewed)

Data File : VW014112.D
Acq On : 25 Nov 2019 15:35
Operator : SY/VA
Sample : K6007-07
Misc : 5.06G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : C0BL5

Quant Time: Nov 26 07:48:55 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.M
Quant Title : VOC Analysis
QLast Update : Tue Nov 26 07:45:45 2019
Response via : Initial Calibration



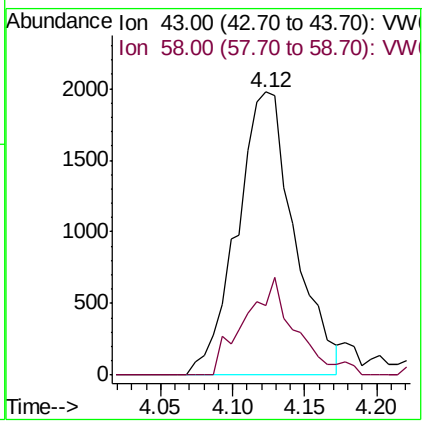


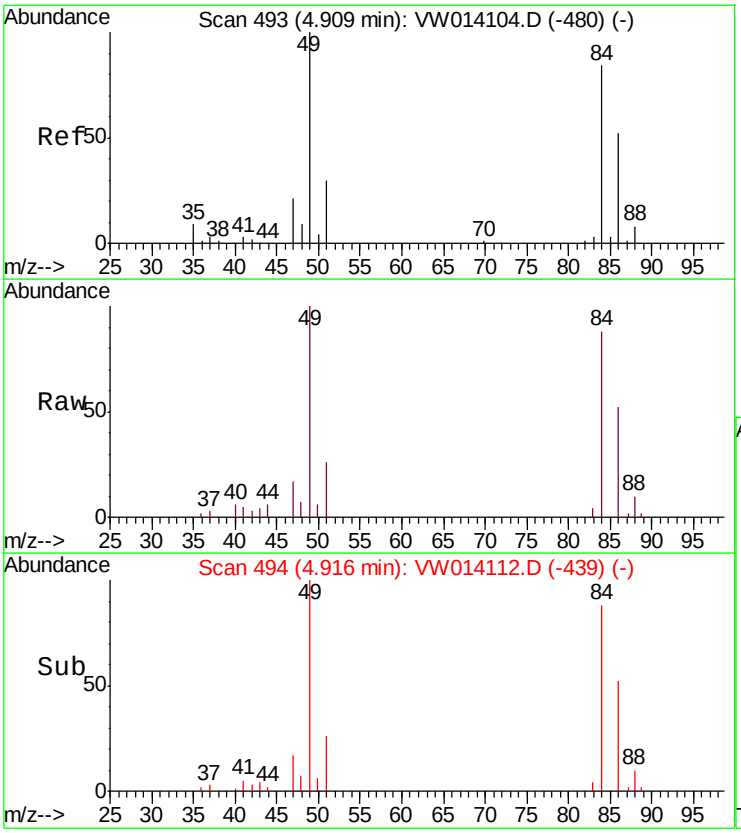
#13
Acetone
Concen: 5.595 ug/L
RT: 4.12 min Scan# 364
Delta R.T. 0.01 min
Lab File: VW014112.D
Acq: 25 Nov 2019 15:35

Instrument : MSVOA_W
ClientSampleId : C0BL5

Tgt Ion: 43 Resp: 5454

Ion	Ratio	Lower	Upper
43	100		
58	26.0	0.0	65.4

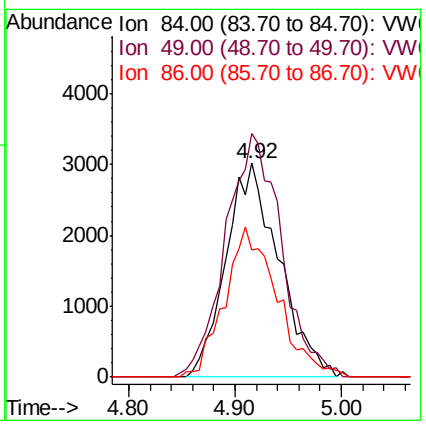


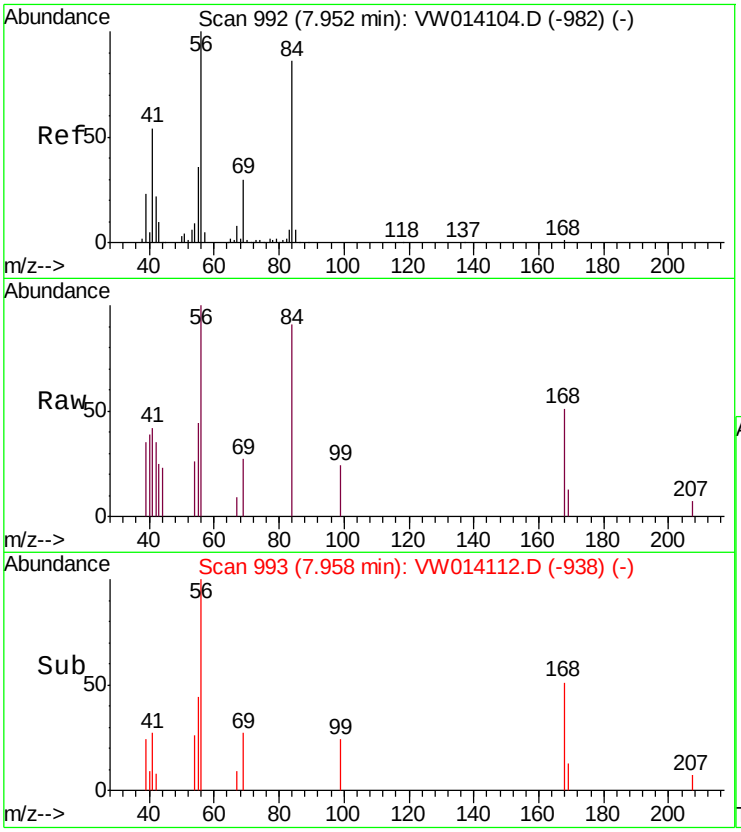


#16
Methylene chloride
Concen: 2.637 ug/L
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
Lab File: VW014112.D
Acq: 25 Nov 2019 15:35

Tgt Ion: 84 Resp: 10491

Ion	Ratio	Lower	Upper
84	100		
49	113.7	84.2	156.4
86	59.2	43.7	81.1



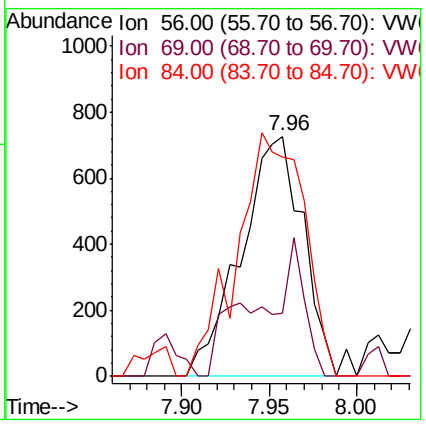


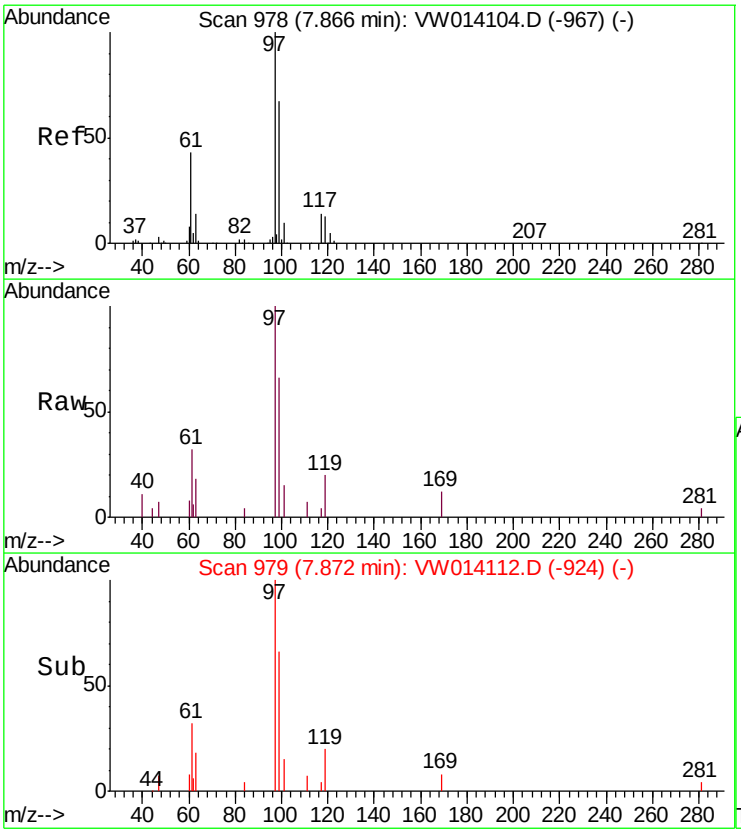
#30
Cyclohexane
Concen: 0.561 ug/L
RT: 7.96 min Scan# 993
Delta R.T. 0.01 min
Lab File: VW014112.D
Acq: 25 Nov 2019 15:35

Instrument : MSVOA_W
ClientSampleId : C0BL5

Tgt Ion: 56 Resp: 1796

Ion	Ratio	Lower	Upper
56	100		
69	19.0	24.6	37.0#
84	44.0	70.2	105.2#

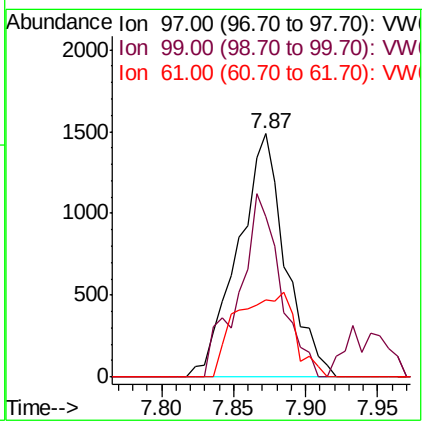


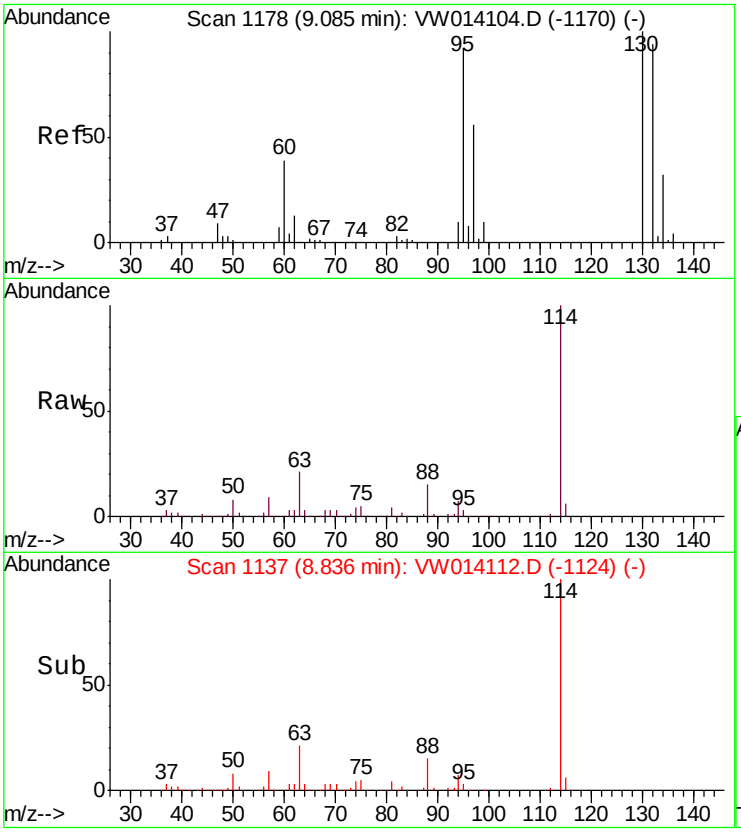


#31
1,1,1-Trichloroethane
Concen: 1.365 ug/L
RT: 7.87 min Scan# 979
Delta R.T. 0.01 min
Lab File: VW014112.D
Acq: 25 Nov 2019 15:35

Tgt Ion: 97 Resp: 3424

Ion	Ratio	Lower	Upper
97	100		
99	54.9	51.1	76.7
61	40.3	32.8	49.2



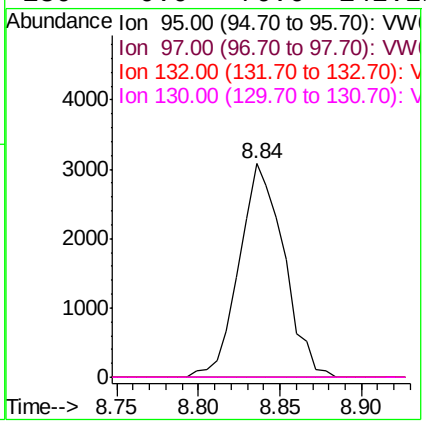


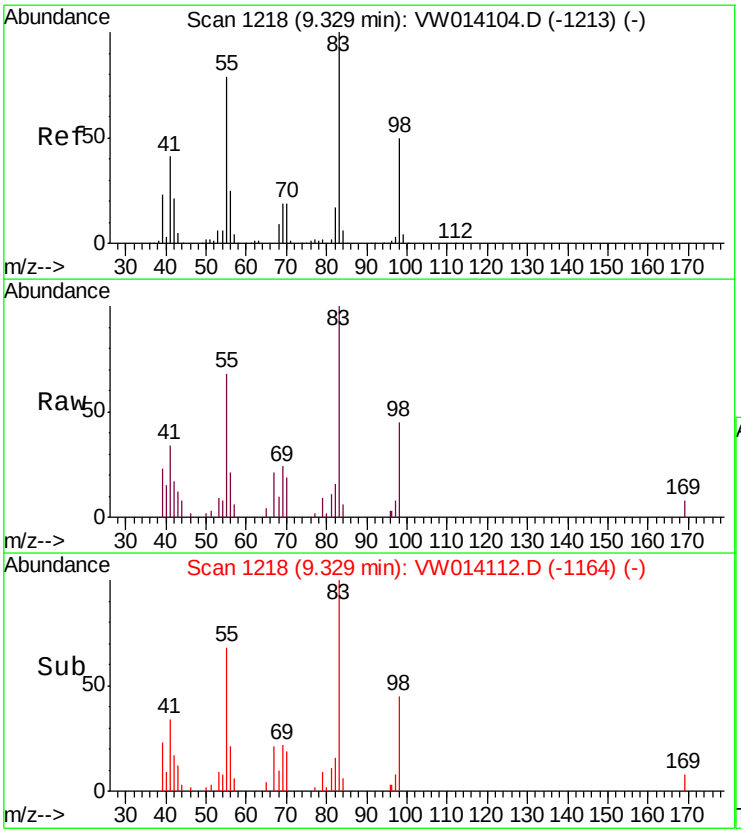
#35
Trichloroethene
Concen: 3.000 ug/L
RT: 8.84 min Scan# 1137
Delta R.T. -0.25 min
Lab File: VW014112.D
Acq: 25 Nov 2019 15:35

Instrument : MSVOA_W
ClientSampleId : C0BL5

Tgt Ion: 95 Resp: 5876

Ion	Ratio	Lower	Upper
95	100		
97	0.0	45.1	83.9#
132	0.0	73.7	136.9#
130	0.0	76.6	142.2#

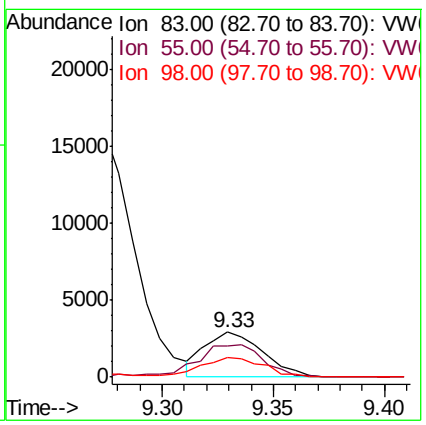


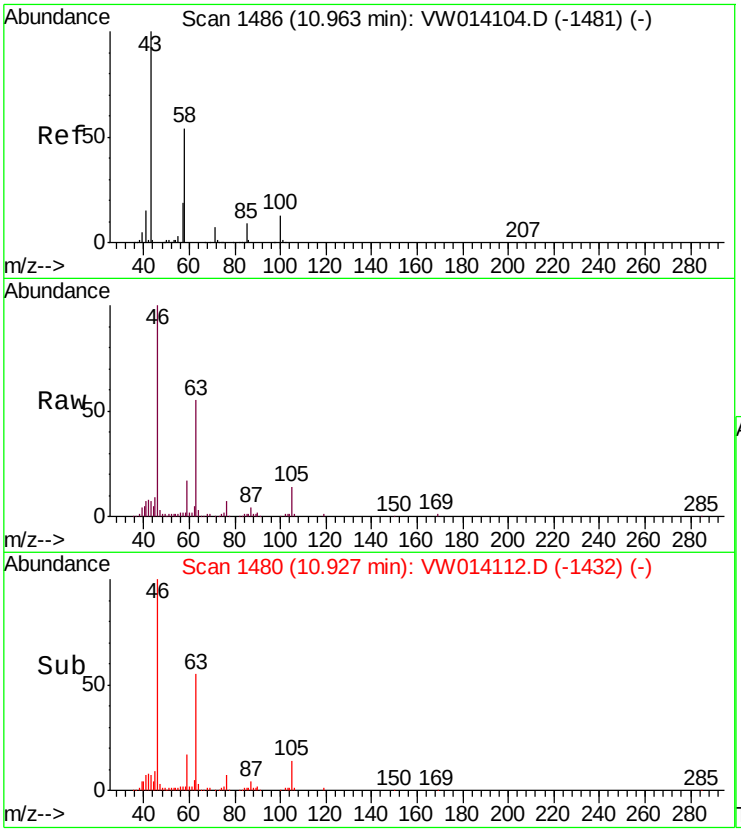


#36
Methylcyclohexane
Concen: 1.502 ug/L
RT: 9.33 min Scan# 1218
Delta R.T. 0.00 min
Lab File: VW014112.D
Acq: 25 Nov 2019 15:35

Tgt Ion: 83 Resp: 5275

Ion	Ratio	Lower	Upper
83	100		
55	77.8	59.8	89.8
98	48.3	39.5	59.3



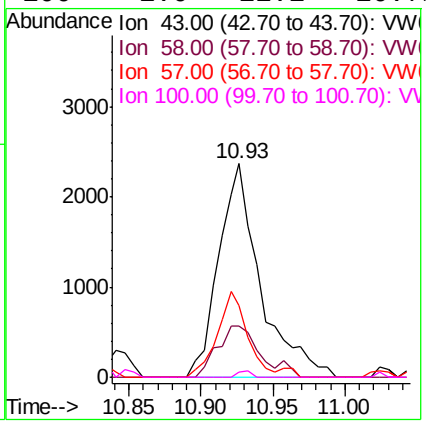


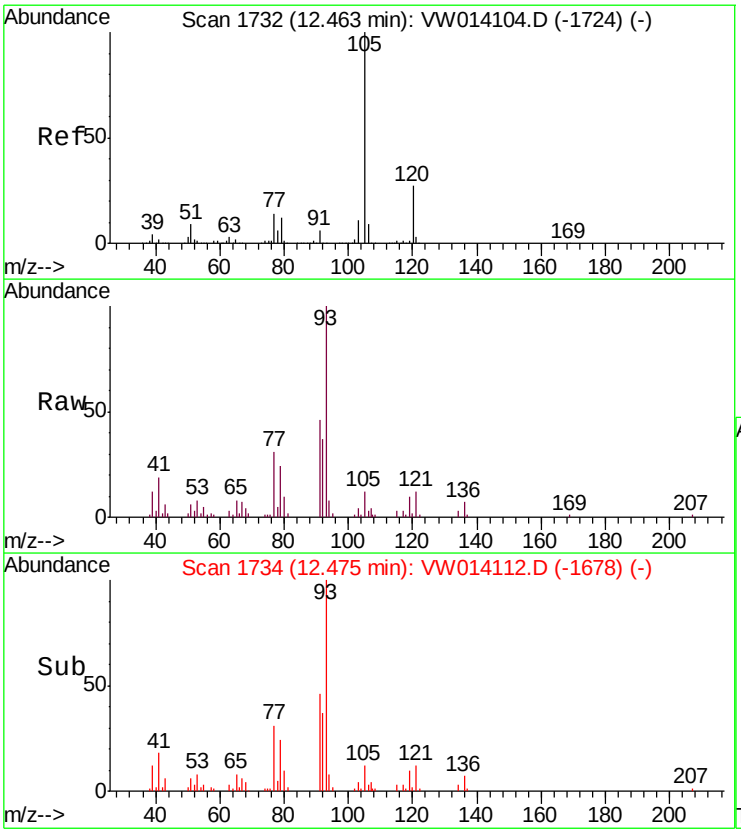
#49
2-Hexanone
Concen: 5.683 ug/L
RT: 10.93 min Scan# 1480
Delta R.T. -0.04 min
Lab File: VW014112.D
Acq: 25 Nov 2019 15:35

Instrument : MSVOA_W
ClientSampleId : C0BL5

Tgt Ion: 43 Resp: 4781

Ion	Ratio	Lower	Upper
43	100		
58	22.8	44.4	66.6#
57	29.1	16.5	24.7#
100	1.0	11.1	16.7#





#57
Isopropylbenzene
Concen: 0.319 ug/L
RT: 12.48 min Scan# 1734
Delta R.T. 0.01 min
Lab File: VW014112.D
Acq: 25 Nov 2019 15:35

Tgt Ion:105 Resp: 2801

Ion	Ratio	Lower	Upper
105	100		
120	8.8	21.6	32.4#
77	251.5	11.6	17.4#