Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW102919\

Quantitation Report (Not Reviewed)

Data File : VW013812.D
Acq On : 30 Oct 2019 00:20
Operator : SY/VA
Sample : K5565-08
Misc : 4.78G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : JLNA7

Quant Time: Oct 30 08:19:45 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM101819S.M
Quant Title : VOC Analysis
QLast Update : Wed Oct 30 08:16:17 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	240795	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	186247	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	62778	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.35	65	72123	24.41	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 97.64%			
7) Chloroethane-d5	2.89	69	71268	25.84	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 103.36%			
10) 1,1-Dichloroethene-d2	4.02	63	118637	18.18	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 72.72%			
20) 2-Butanone-d5	7.07	46	54174	51.27	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 102.54%			
24) Chloroform-d	7.65	84	193069	28.65	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 114.60%			
26) 1,2-Dichloroethane-d4	8.31	65	92676	26.30	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 105.20%			
29) Benzene-d6	8.27	84	388924	34.76	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 139.04%#			
33) 1,2-Dichloropropane-d6	9.27	67	123152	36.85	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 147.40%#			
37) Toluene-d8	10.32	98	312516	30.28	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 121.12%			
38) trans-1,3-Dichloropropene-	10.58	79	30214	20.04	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 80.16%			
39) 2-Hexanone-d5	10.93	63	39356	61.60	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 123.20%			
48) 1,1,2,2-Tetrachloroethane-	12.69	84	81157	29.65	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 118.60%			
61) 1,2-Dichlorobenzene-d4	13.85	152	64089	28.89	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 115.56%			
Target Compounds						Qvalue
13) Acetone	4.12	43	31563	26.913	ug/L	96
16) Methylene chloride	4.92	84	8414	1.825	ug/L	89
21) 2-Butanone	7.17	43	12598	8.460	ug/L	92
35) Trichloroethene	8.84	95	6806	1.985	ug/L #	2
40) 1,2-Dichloropropane	9.27	63	12843	3.931	ug/L #	86
42) cis-1,3-Dichloropropene	10.04	75	2063	0.400	ug/L #	43
44) Toluene	10.39	91	4827	0.336	ug/L	91
59) 1,2,3-Trichloropropane	13.55	75	6073	2.757	ug/L	89

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

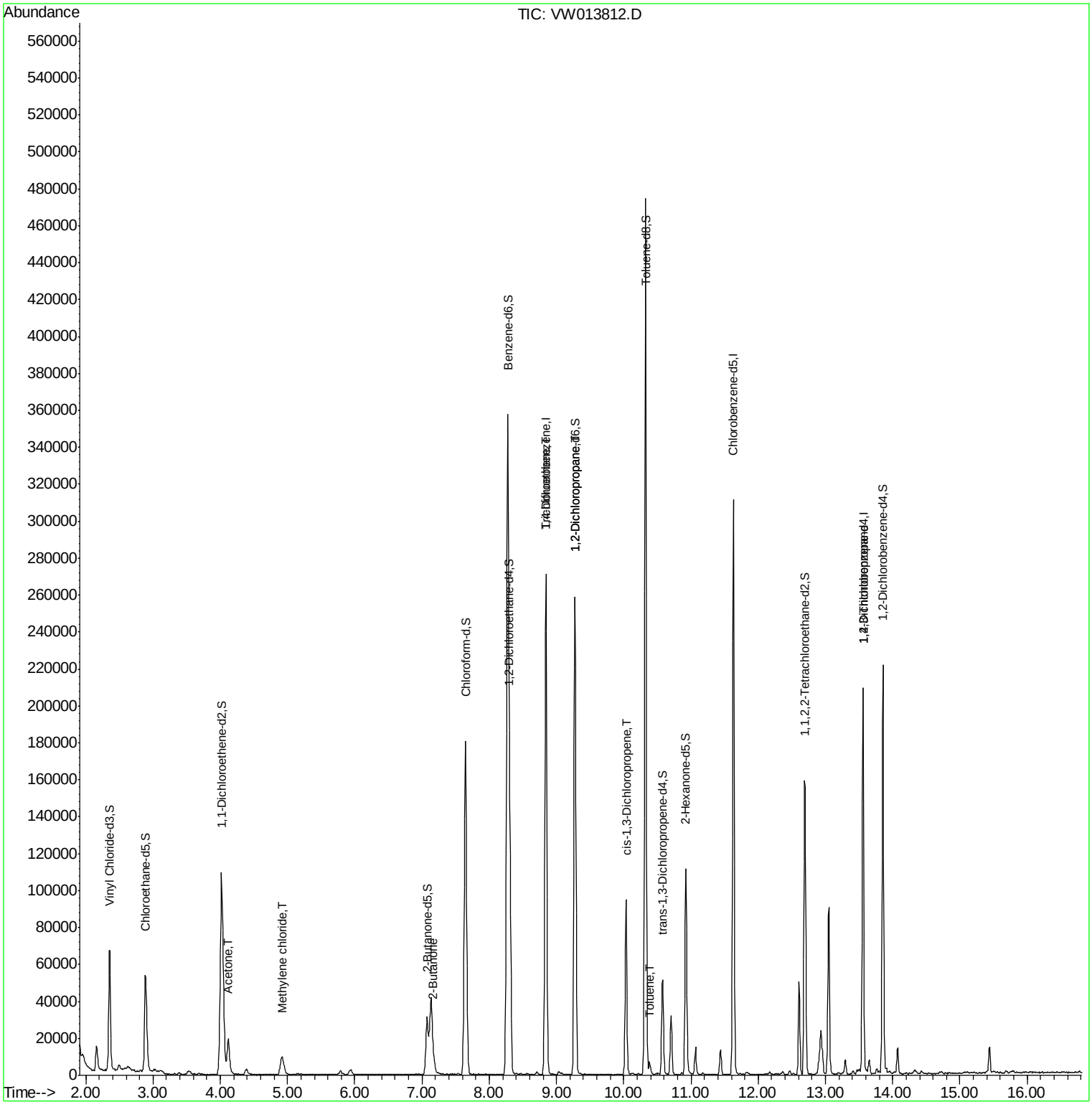
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW102919\

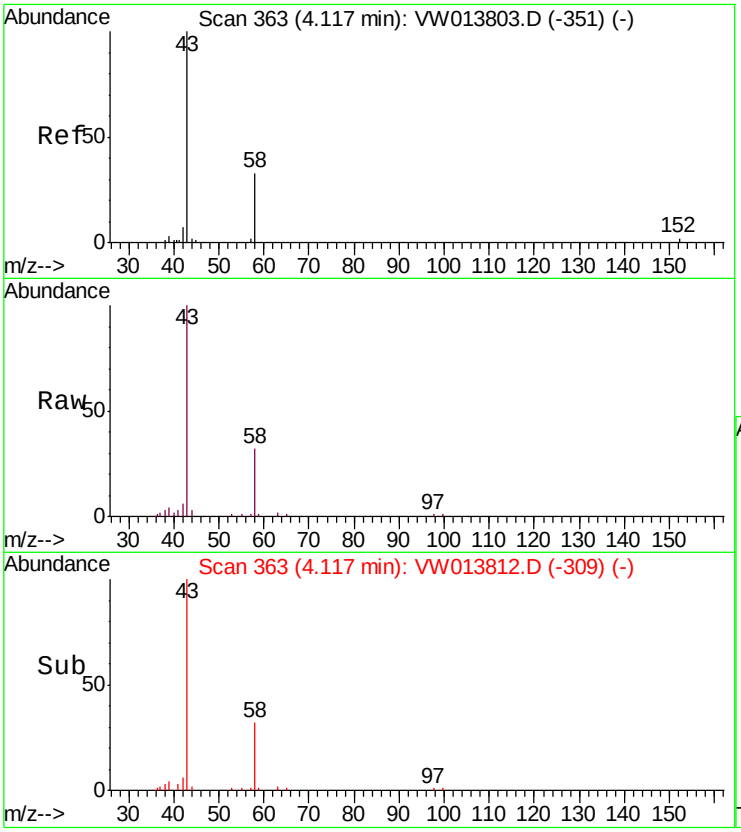
Quantitation Report (Not Reviewed)

Data File : VW013812.D
Acq On : 30 Oct 2019 00:20
Operator : SY/VA
Sample : K5565-08
Misc : 4.78G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : JLNA7

Quant Time: Oct 30 08:19:45 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM101819S.M
Quant Title : VOC Analysis
QLast Update : Wed Oct 30 08:16:17 2019
Response via : Initial Calibration



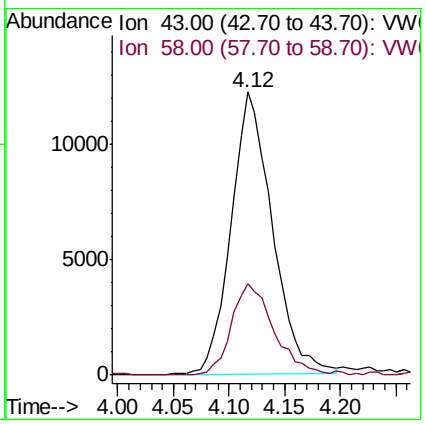


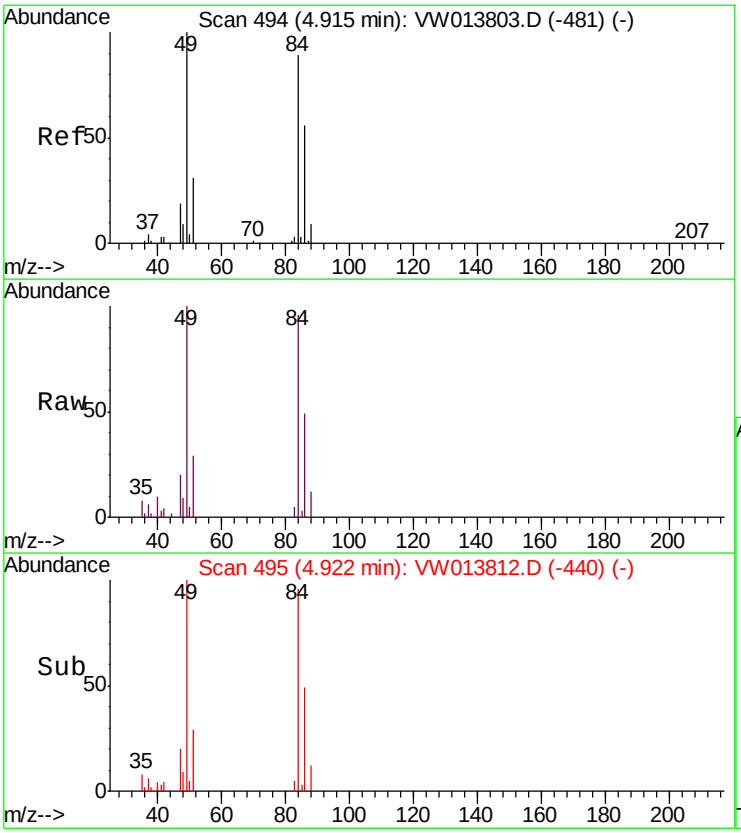
#13
Acetone
Concen: 26.913 ug/L
RT: 4.12 min Scan# 363
Delta R.T. -0.00 min
Lab File: VW013812.D
Acq: 30 Oct 2019 00:20

Instrument :
MSVOA_W
ClientSampleId :
JLNA7

Tgt Ion: 43 Resp: 31563

Ion	Ratio	Lower	Upper
43	100		
58	33.1	0.0	70.4

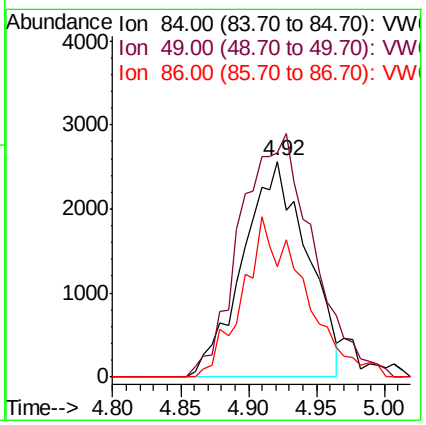


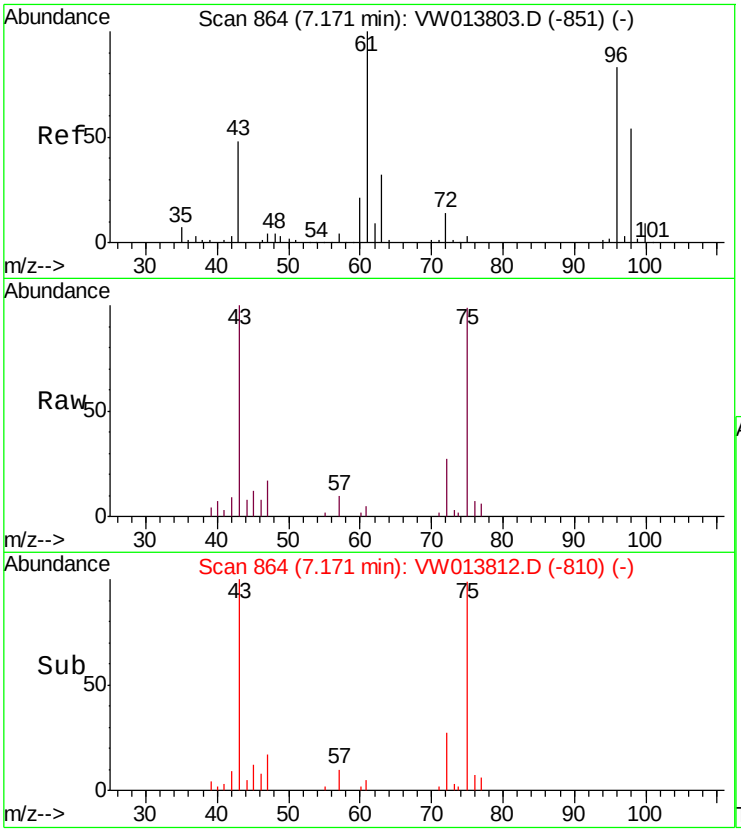


#16
Methylene chloride
Concen: 1.825 ug/L
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW013812.D
Acq: 30 Oct 2019 00:20

Tgt Ion: 84 Resp: 8414

Ion	Ratio	Lower	Upper
84	100		
49	104.0	80.2	148.9
86	51.0	42.7	79.3



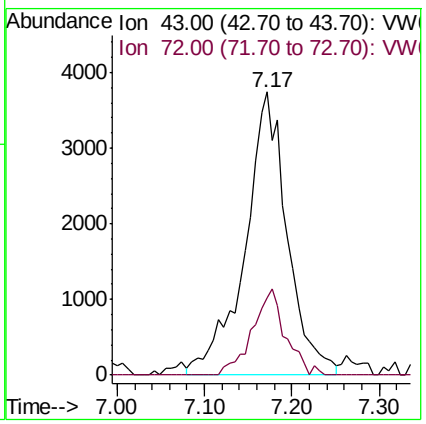


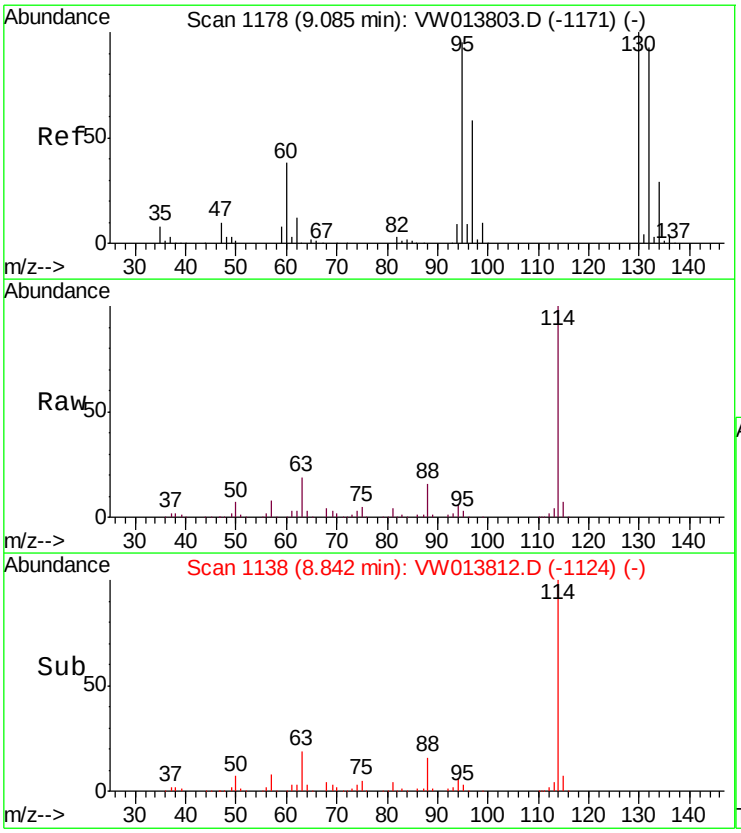
#21
2-Butanone
Concen: 8.460 ug/L
RT: 7.17 min Scan# 864
Delta R.T. -0.00 min
Lab File: VW013812.D
Acq: 30 Oct 2019 00:20

Instrument : MSVOA_W
ClientSampleId : JLNA7

Tgt Ion: 43 Resp: 12598

Ion	Ratio	Lower	Upper
43	100		
72	23.3	13.7	41.1

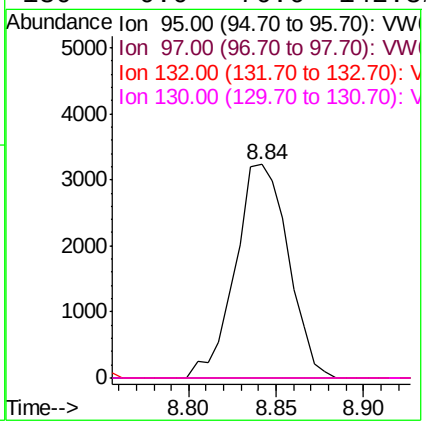


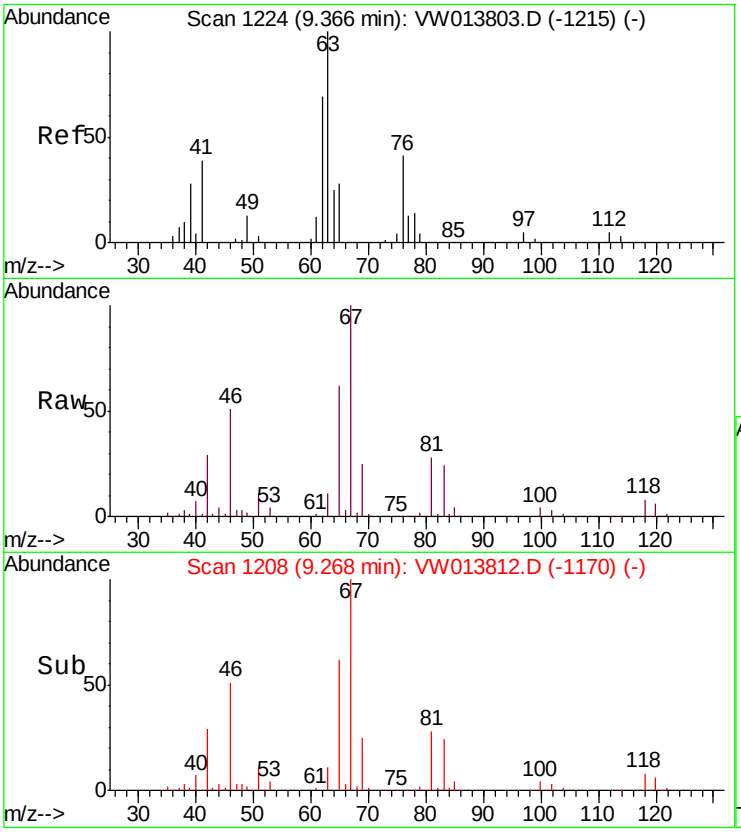


#35
Trichloroethene
Concen: 1.985 ug/L
RT: 8.84 min Scan# 1138
Delta R.T. -0.24 min
Lab File: VW013812.D
Acq: 30 Oct 2019 00:20

Tgt Ion: 95 Resp: 6806

Ion	Ratio	Lower	Upper
95	100		
97	0.0	45.8	85.2#
132	0.0	74.3	138.1#
130	0.0	76.6	142.3#



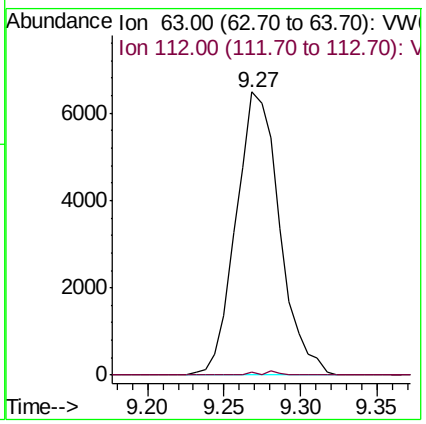


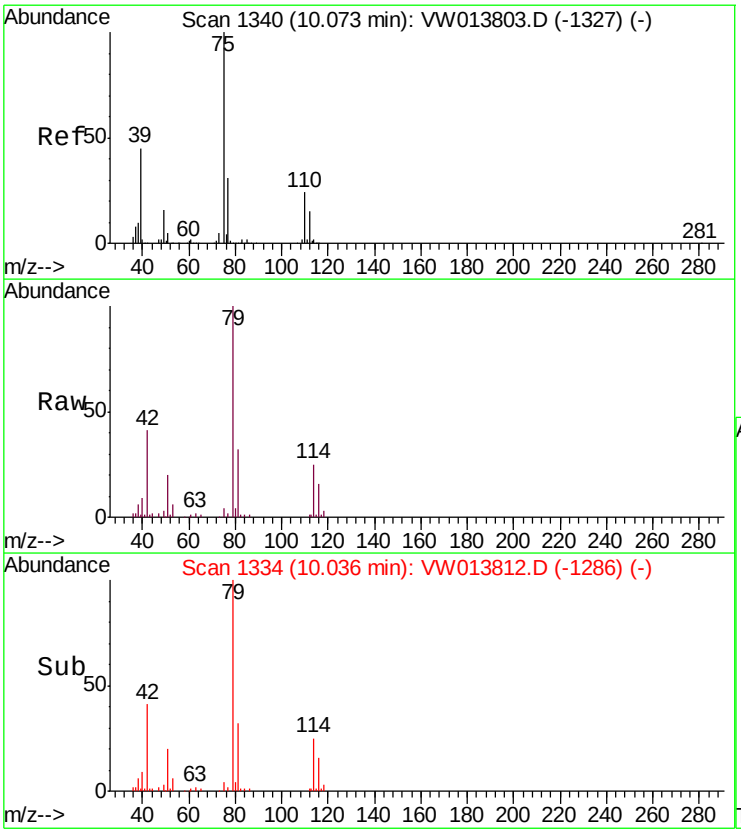
#40
1,2-Dichloropropane
Concen: 3.931 ug/L
RT: 9.27 min Scan# 1208
Delta R.T. -0.10 min
Lab File: VW013812.D
Acq: 30 Oct 2019 00:20

Instrument : MSVOA_W
ClientSampleId : JLNA7

Tgt Ion: 63 Resp: 12843

Ion	Ratio	Lower	Upper
63	100		
112	0.2	3.9	5.9#

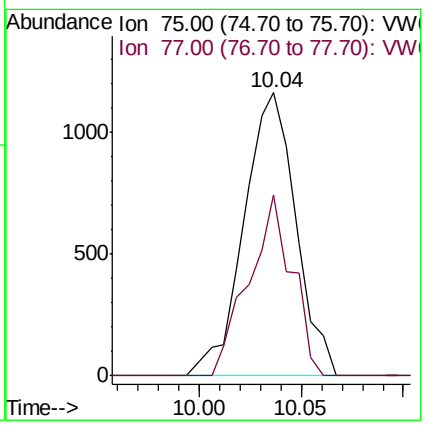


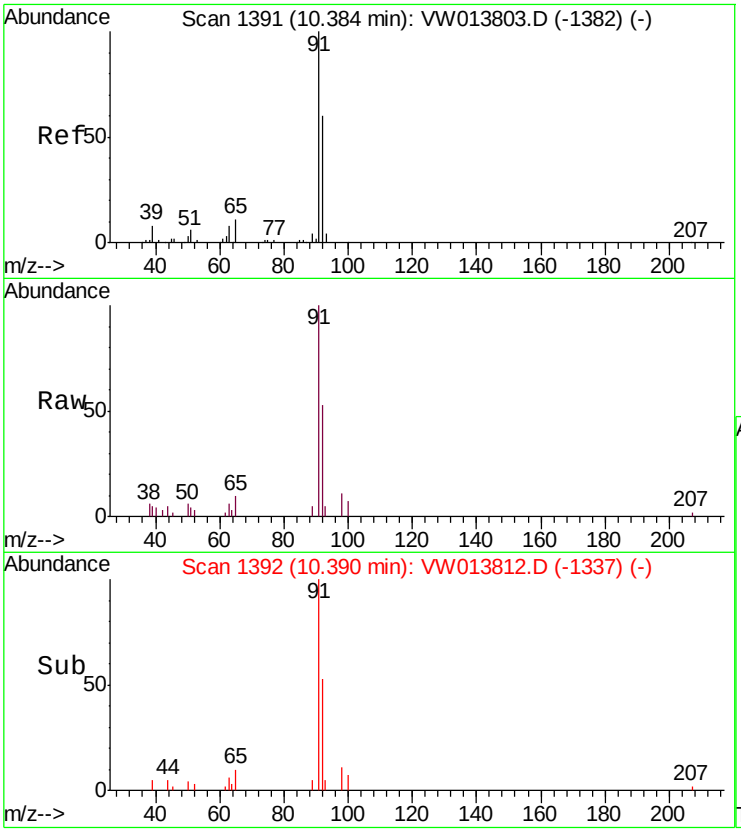


#42
cis-1,3-Dichloropropene
Concen: 0.400 ug/L
RT: 10.04 min Scan# 1334
Delta R.T. -0.04 min
Lab File: VW013812.D
Acq: 30 Oct 2019 00:20

Tgt Ion: 75 Resp: 2063

Ion	Ratio	Lower	Upper
75	100		
77	64.0	22.5	41.9#



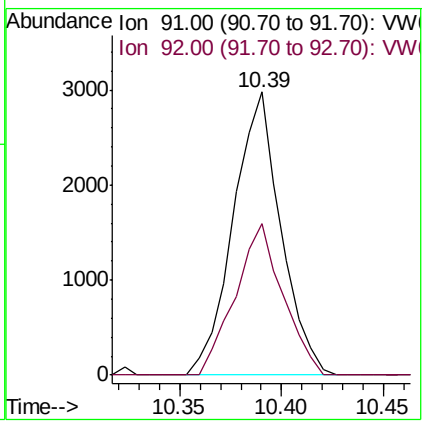


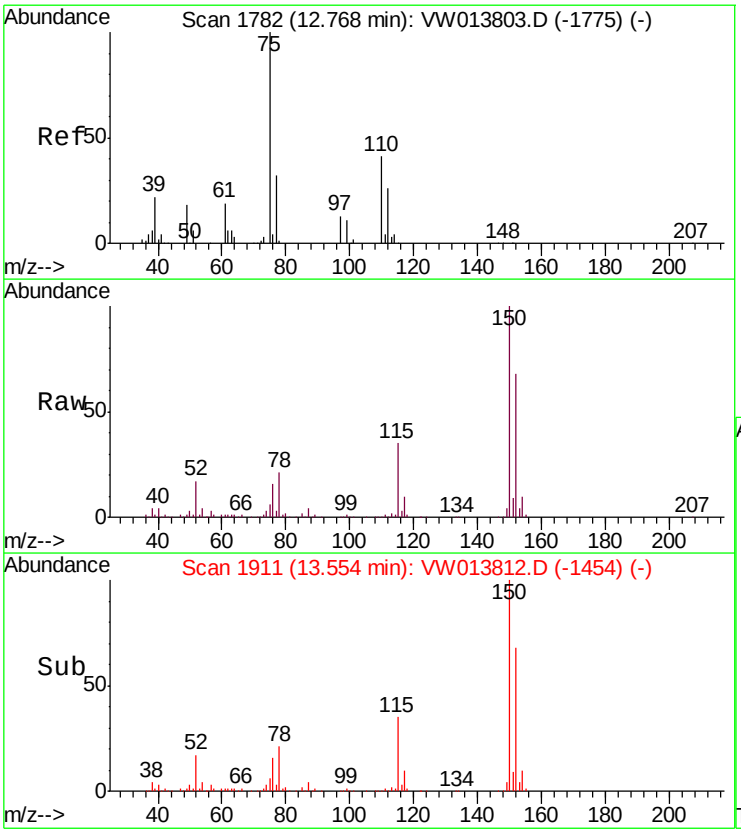
#44
Toluene
Concen: 0.336 ug/L
RT: 10.39 min Scan# 1392
Delta R.T. 0.01 min
Lab File: VW013812.D
Acq: 30 Oct 2019 00:20

Instrument : MSVOA_W
ClientSampleId : JLNA7

Tgt Ion: 91 Resp: 4827

Ion	Ratio	Lower	Upper
91	100		
92	53.3	42.0	78.0





#59
1,2,3-Trichloropropane
Concen: 2.757 ug/L
RT: 13.55 min Scan# 1911
Delta R.T. 0.79 min
Lab File: VW013812.D
Acq: 30 Oct 2019 00:20

Tgt Ion: 75 Resp: 6073

Ion	Ratio	Lower	Upper
75	100		
77	39.2	26.4	39.6