Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW060520\
Data File : VW015545.D
Acq On : 05 Jun 2020 16:45
Operator : SY/VA
Sample : VIBLK
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VIBLK

Quant Time: Jun 06 04:10:54 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM052620S.M
Quant Title : VOC Analysis
QLast Update : Sat Jun 06 04:08:46 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	327675	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	300180	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	139218	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.35	65	83269	27.73	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 110.92%			
7) Chloroethane-d5	2.90	69	83517	27.97	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 111.88%			
10) 1,1-Dichloroethene-d2	4.02	63	135886	18.57	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 74.28%			
20) 2-Butanone-d5	7.09	46	57531	58.68	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 117.36%			
24) Chloroform-d	7.65	84	197996	26.13	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 104.52%			
26) 1,2-Dichloroethane-d4	8.31	65	120308	28.54	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 114.16%			
29) Benzene-d6	8.28	84	394954	26.83	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 107.32%			
33) 1,2-Dichloropropane-d6	9.27	67	119800	26.78	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 107.12%			
37) Toluene-d8	10.33	98	373646	26.11	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 104.44%			
38) trans-1,3-Dichloropropene-	10.58	79	50789	24.54	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 98.16%			
39) 2-Hexanone-d5	10.93	63	48513	62.64	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 125.28%			
48) 1,1,2,2-Tetrachloroethane-	12.69	84	96848	28.75	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 115.00%			
61) 1,2-Dichlorobenzene-d4	13.85	152	130237	27.92	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 111.68%			

Target Compounds						Qvalue
16) Methylene chloride	4.92	84	7709	1.917	ug/L	91
35) Trichloroethene	8.85	95	10132	2.247	ug/L #	5
36) Methylcyclohexane	9.28	83	29753	3.700	ug/L #	18
40) 1,2-Dichloropropane	9.27	63	14795	3.579	ug/L #	85
42) cis-1,3-Dichloropropene	10.04	75	3788	0.573	ug/L #	63
49) 2-Hexanone	10.93	43	6100	3.729	ug/L #	66

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

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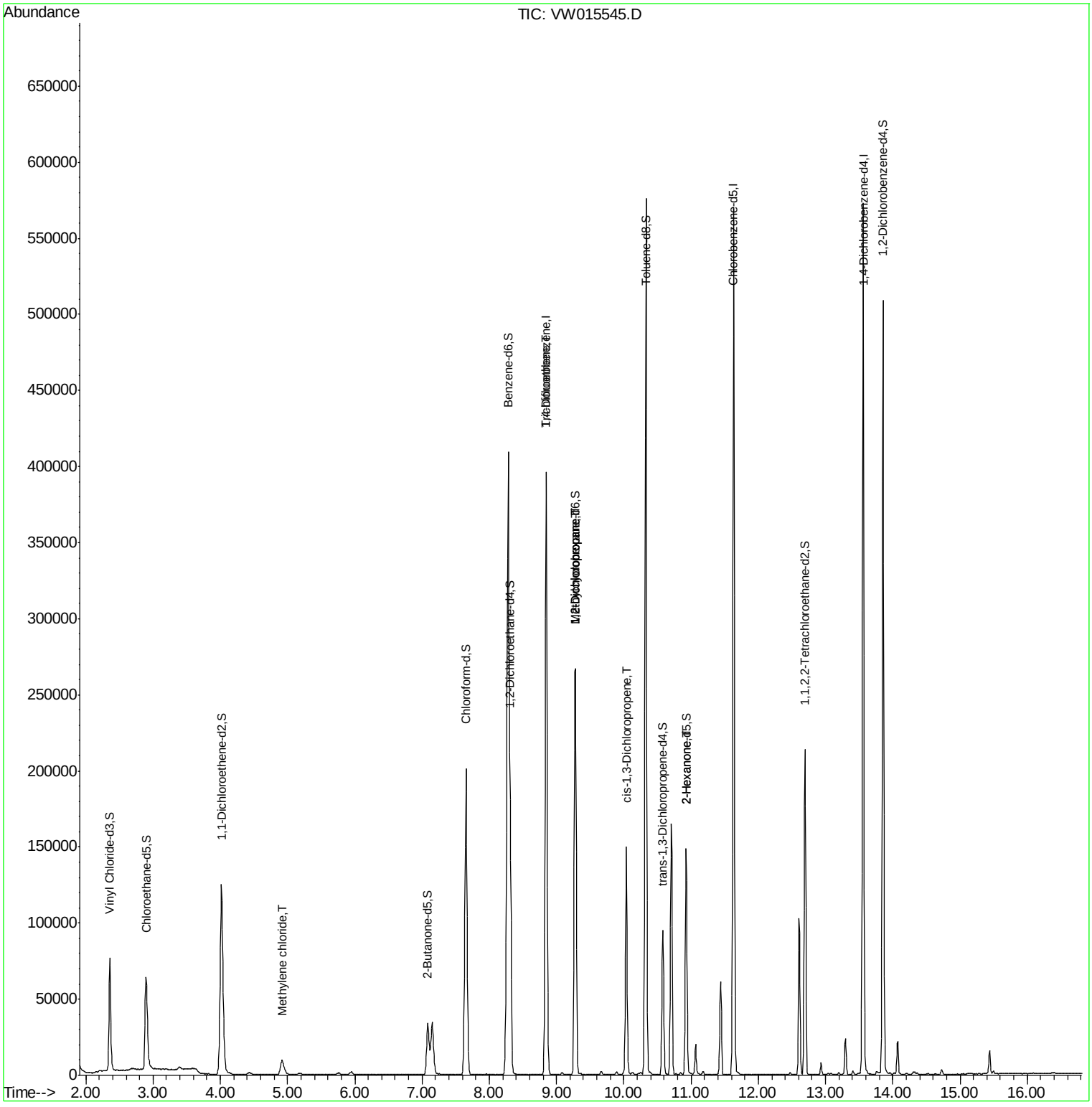
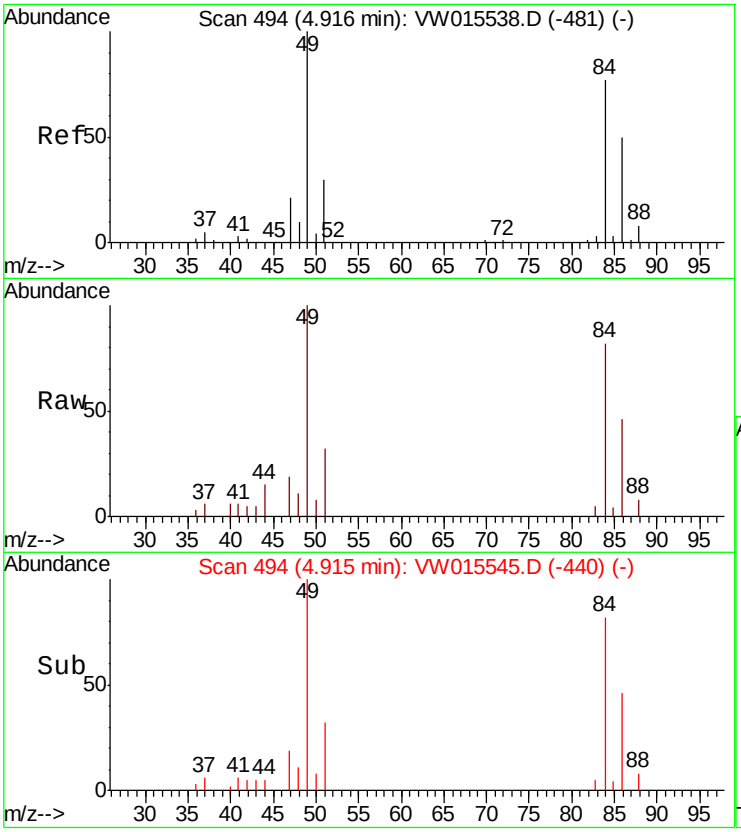


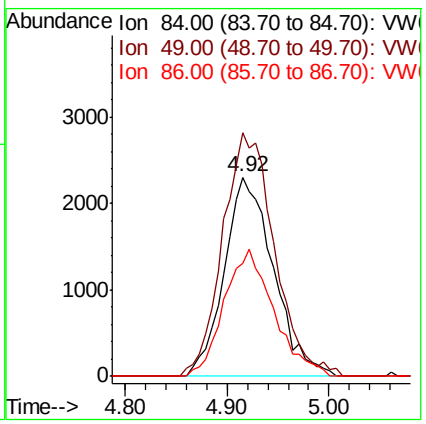


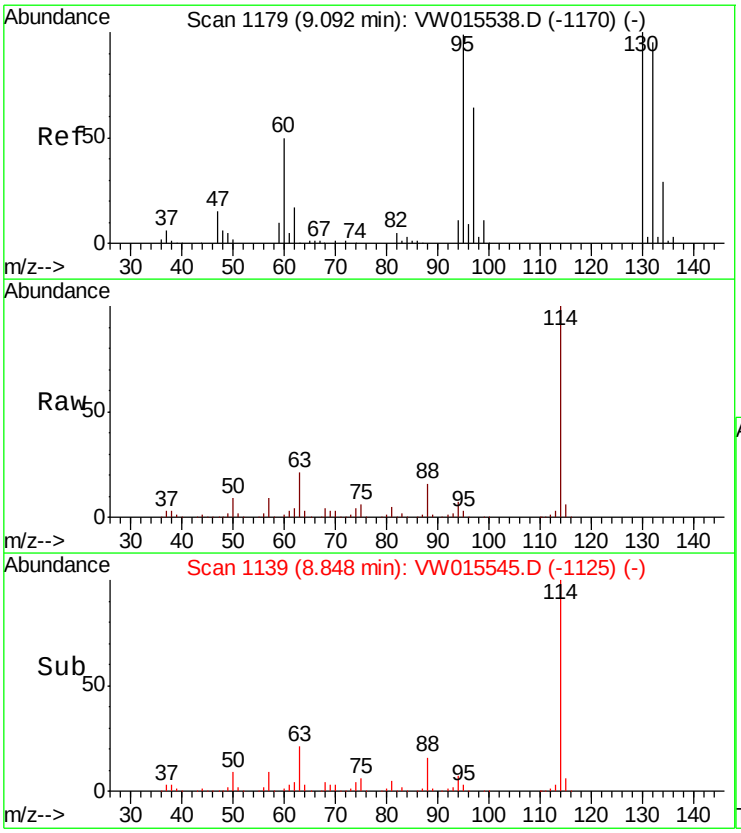
#16
Methylene chloride
Concen: 1.917 ug/L
RT: 4.92 min Scan# 494
Delta R.T. -0.00 min
Lab File: VW015545.D
Acq: 05 Jun 2020 16:45

Instrument : MSVOA_W
ClientSampleId : VIBLK

Tgt Ion: 84 Resp: 7709

Ion	Ratio	Lower	Upper
84	100		
49	122.1	93.0	172.8
86	56.7	44.7	83.1

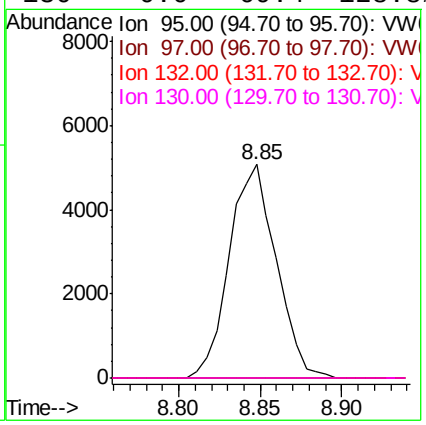


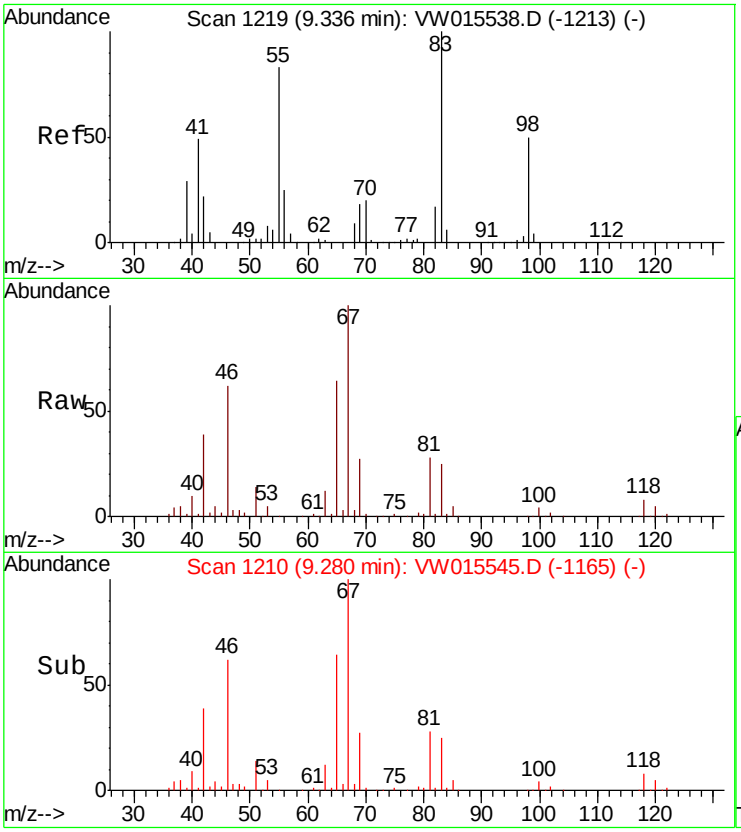


#35
Trichloroethene
Concen: 2.247 ug/L
RT: 8.85 min Scan# 1139
Delta R.T. -0.24 min
Lab File: VW015545.D
Acq: 05 Jun 2020 16:45

Tgt Ion: 95 Resp: 10132

Ion	Ratio	Lower	Upper
95	100		
97	0.0	45.4	84.2#
132	0.0	67.1	124.7#
130	0.0	69.4	128.8#



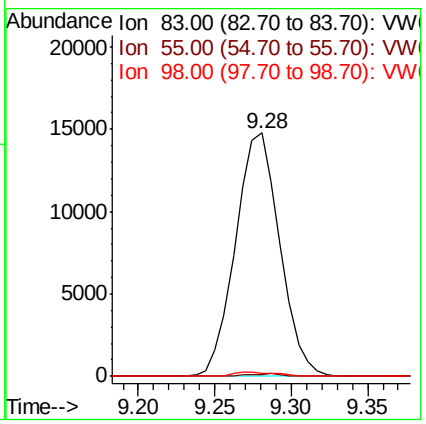


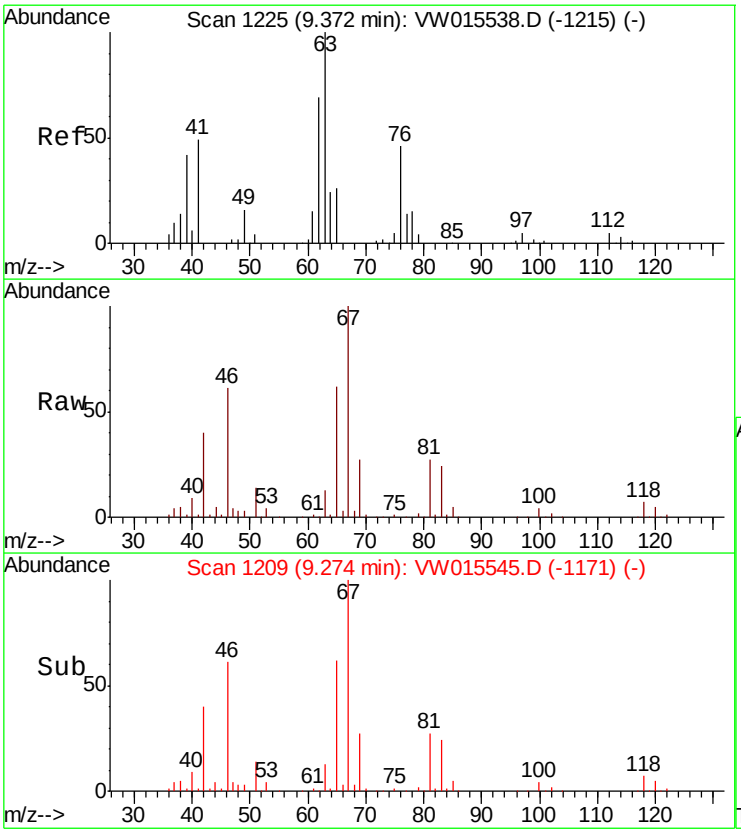
#36
Methylcyclohexane
Concen: 3.700 ug/L
RT: 9.28 min Scan# 1210
Delta R.T. -0.06 min
Lab File: VW015545.D
Acq: 05 Jun 2020 16:45

Instrument : MSVOA_W
ClientSampleId : VIBLK

Tgt Ion: 83 Resp: 29753

Ion	Ratio	Lower	Upper
83	100		
55	0.4	62.8	94.2#
98	1.6	39.2	58.8#

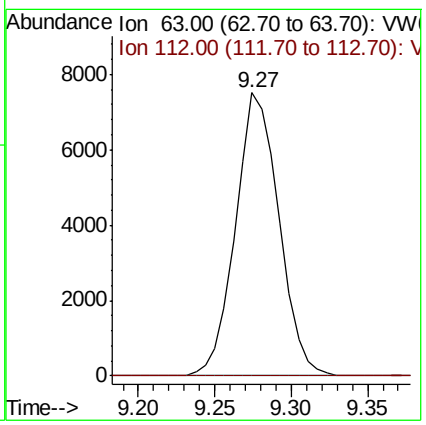


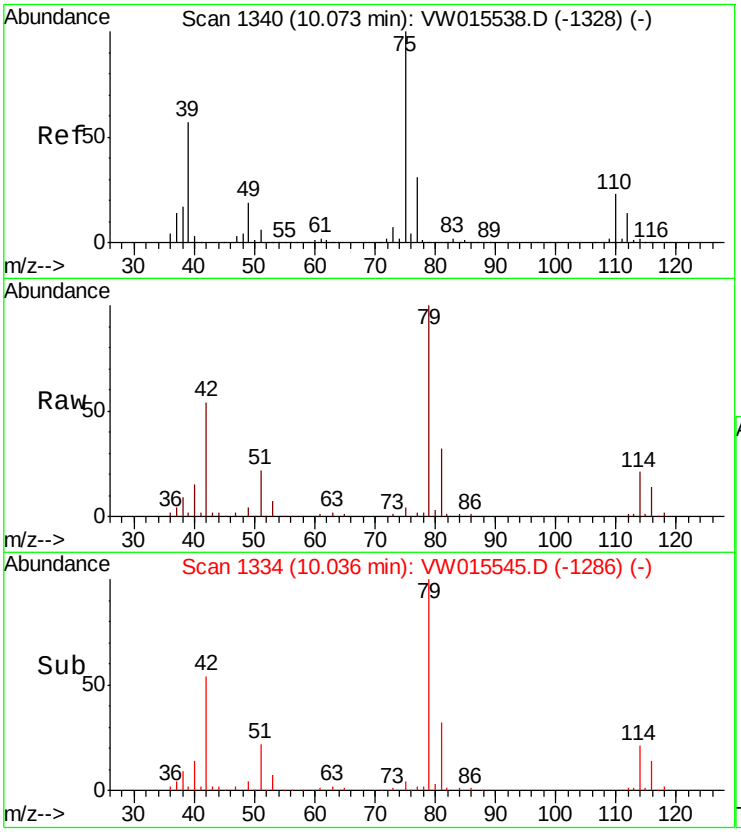


#40
1,2-Dichloropropane
Concen: 3.579 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.10 min
Lab File: VW015545.D
Acq: 05 Jun 2020 16:45

Tgt Ion: 63 Resp: 14795

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.8	5.8#



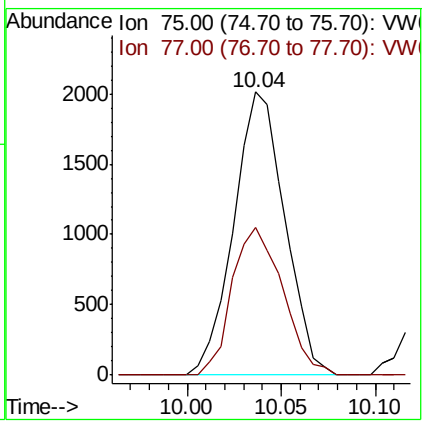


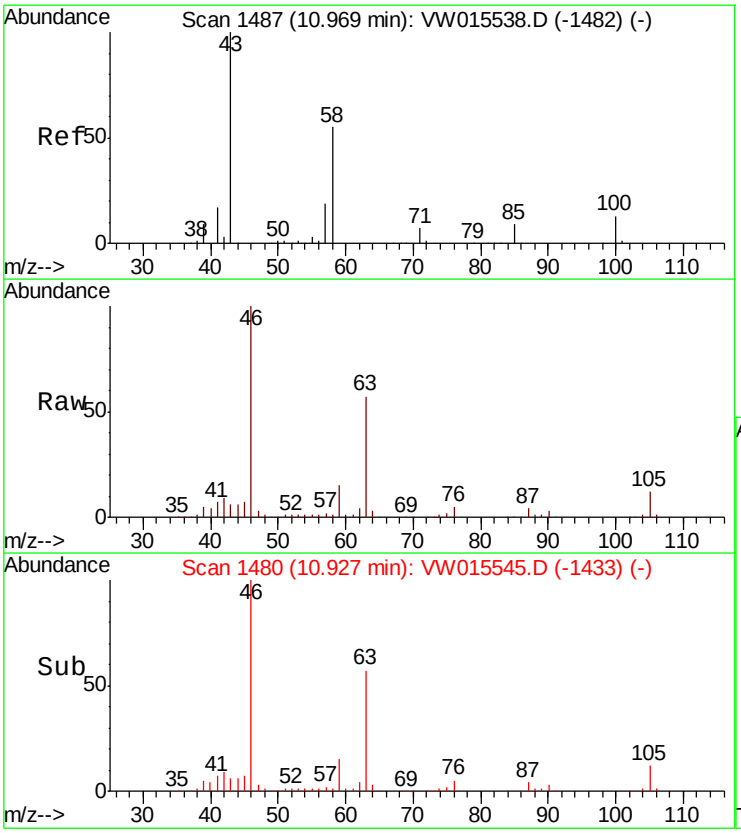
#42
cis-1,3-Dichloropropene
Concen: 0.573 ug/L
RT: 10.04 min Scan# 1334
Delta R.T. -0.04 min
Lab File: VW015545.D
Acq: 05 Jun 2020 16:45

Instrument : MSVOA_W
ClientSampleId : VIBLK

Tgt Ion: 75 Resp: 3788

Ion	Ratio	Lower	Upper
75	100		
77	52.3	22.3	41.5#





#49
2-Hexanone
Concen: 3.729 ug/L
RT: 10.93 min Scan# 1480
Delta R.T. -0.04 min
Lab File: VW015545.D
Acq: 05 Jun 2020 16:45

Tgt Ion: 43 Resp: 6100

Ion	Ratio	Lower	Upper
43	100		
58	22.0	42.6	64.0#
57	22.7	15.5	23.3
100	0.0	10.3	15.5#