Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW072220\
Data File : VW015908.D
Acq On : 22 Jul 2020 17:09
Operator : SY/VA
Sample : L3388-14
Misc : 5.04G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : C0AE0

Quant Time: Jul 23 03:06:05 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
Quant Title : VOC Analysis
QLast Update : Thu Jul 23 03:03:27 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	470438	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	401337	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	140493	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.36	65	145154	21.87	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 87.48%			
7) Chloroethane-d5	2.89	69	111264	20.64	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 82.56%			
10) 1,1-Dichloroethene-d2	4.01	63	212867	15.86	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 63.44%			
20) 2-Butanone-d5	7.09	46	86955	49.87	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 99.74%			
24) Chloroform-d	7.65	84	274391	20.77	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 83.08%			
26) 1,2-Dichloroethane-d4	8.31	65	169688	23.40	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 93.60%			
29) Benzene-d6	8.27	84	551546	22.58	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 90.32%			
33) 1,2-Dichloropropane-d6	9.28	67	169400	23.13	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 92.52%			
37) Toluene-d8	10.33	98	478229	21.61	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 86.44%			
38) trans-1,3-Dichloropropene-	10.58	79	66824	21.41	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 85.64%			
39) 2-Hexanone-d5	10.93	63	61309	50.28	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 100.56%			
48) 1,1,2,2-Tetrachloroethane-	12.69	84	135546	24.08	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 96.32%			
61) 1,2-Dichlorobenzene-d4	13.85	152	120707	22.03	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 88.12%			
Target Compounds						Qvalue
16) Methylene chloride	4.92	84	23700	3.074	ug/L	92
21) 2-Butanone	7.15	43	6853	3.785	ug/L #	50
35) Trichloroethene	8.84	95	14094	2.186	ug/L #	6
36) Methylcyclohexane	9.28	83	40906	3.697	ug/L #	18
40) 1,2-Dichloropropane	9.27	63	19620	3.249	ug/L #	87
42) cis-1,3-Dichloropropene	10.04	75	4421	0.481	ug/L #	58
49) 2-Hexanone	10.93	43	8480	3.390	ug/L #	60
59) 1,2,3-Trichloropropane	13.56	75	17640	4.617	ug/L	92

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

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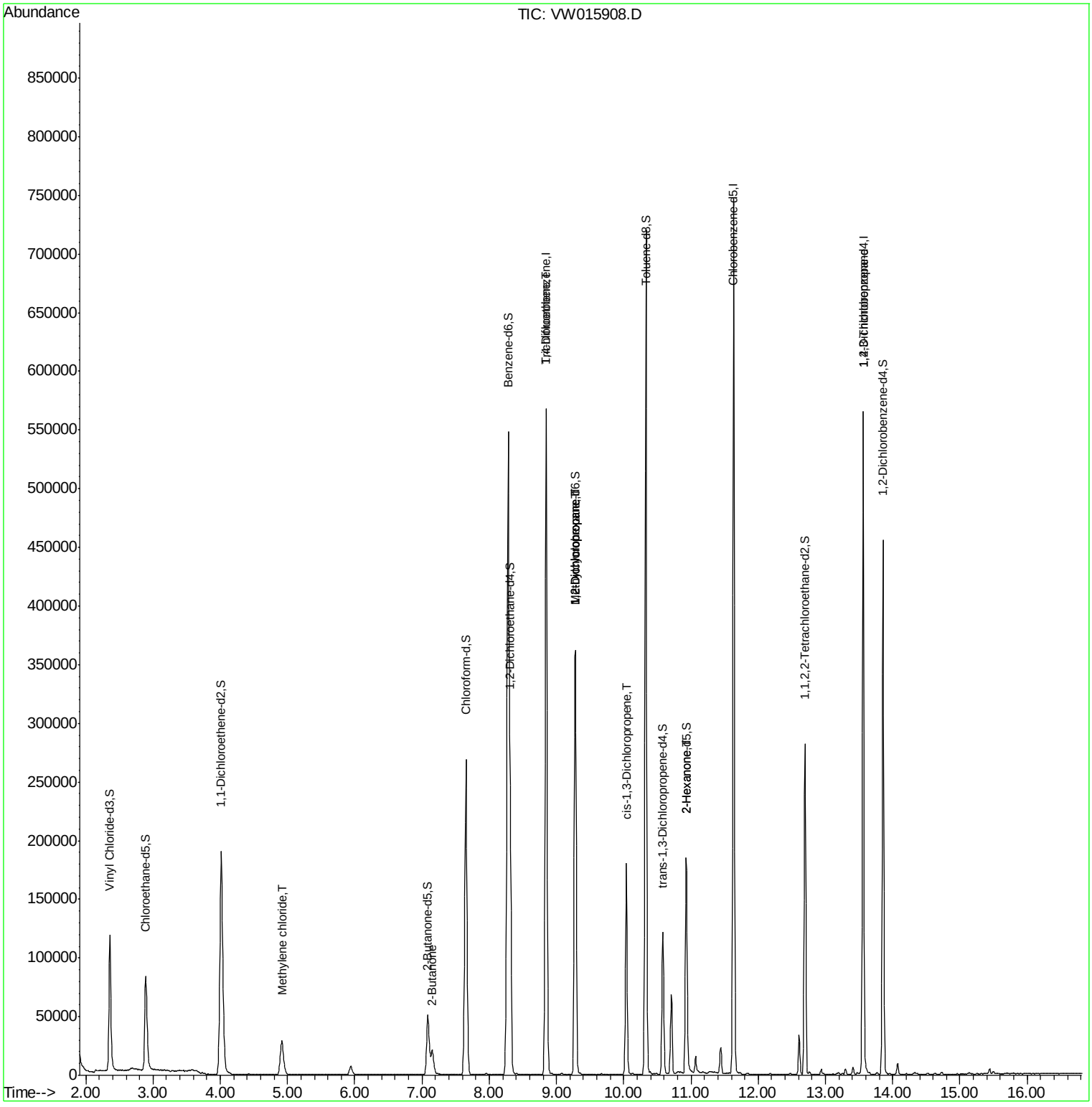
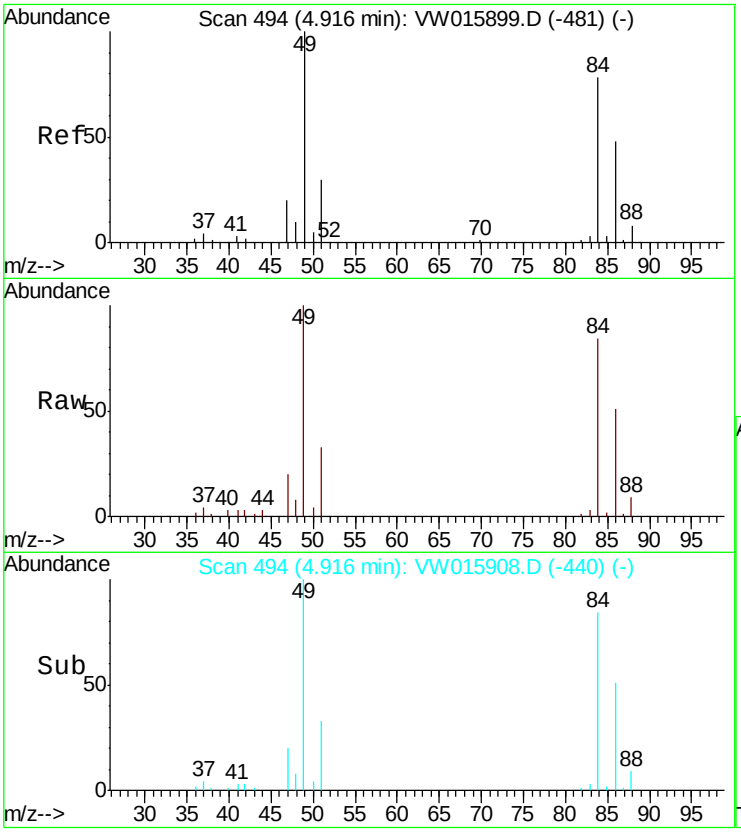
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0AE0

Quant Time: Jul 23 03:06:05 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
Quant Title : VOC Analysis
QLast Update : Thu Jul 23 03:03:27 2020
Response via : Initial Calibration



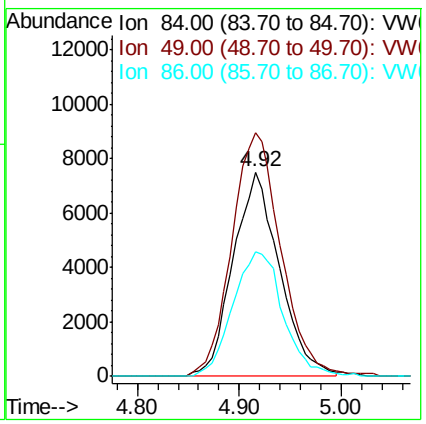


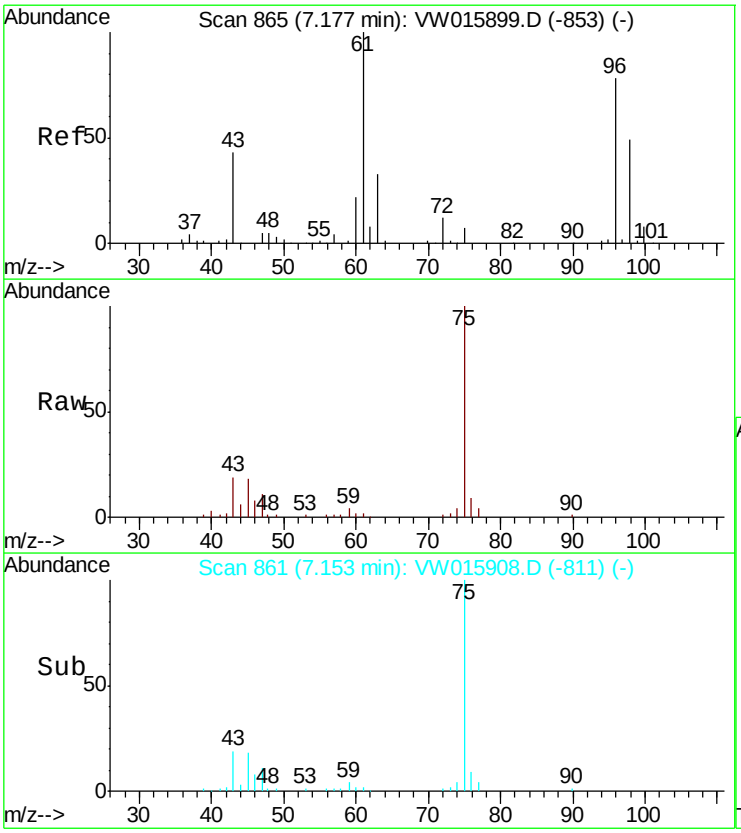
#16
Methylene chloride
Concen: 3.074 ug/L
RT: 4.92 min Scan# 494
Delta R.T. -0.00 min
Lab File: VW015908.D
Acq: 22 Jul 2020 17:09

Instrument : MSVOA_W
ClientSampleId : C0AE0

Tgt Ion: 84 Resp: 23700

Ion	Ratio	Lower	Upper
84	100		
49	119.3	91.1	169.1
86	60.7	46.0	85.4

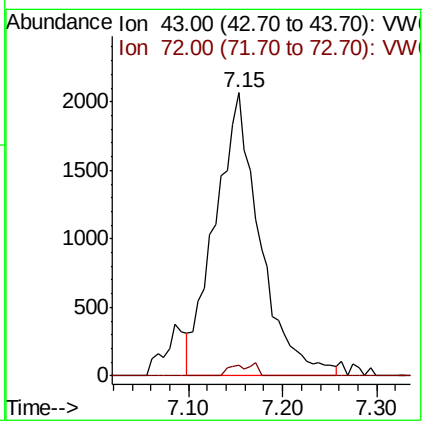


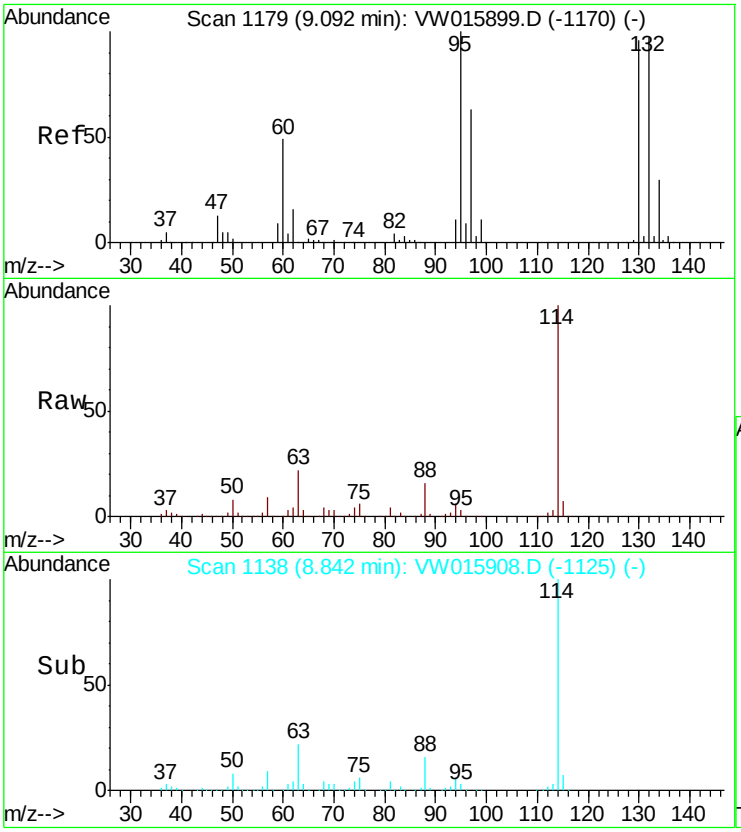


#21
2-Butanone
Concen: 3.785 ug/L
RT: 7.15 min Scan# 861
Delta R.T. -0.02 min
Lab File: VW015908.D
Acq: 22 Jul 2020 17:09

Tgt Ion: 43 Resp: 6853

Ion	Ratio	Lower	Upper
43	100		
72	1.4	13.9	41.7#



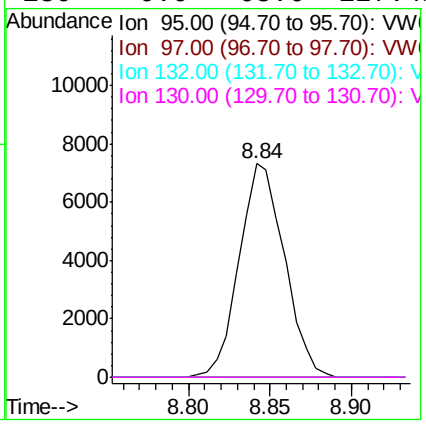


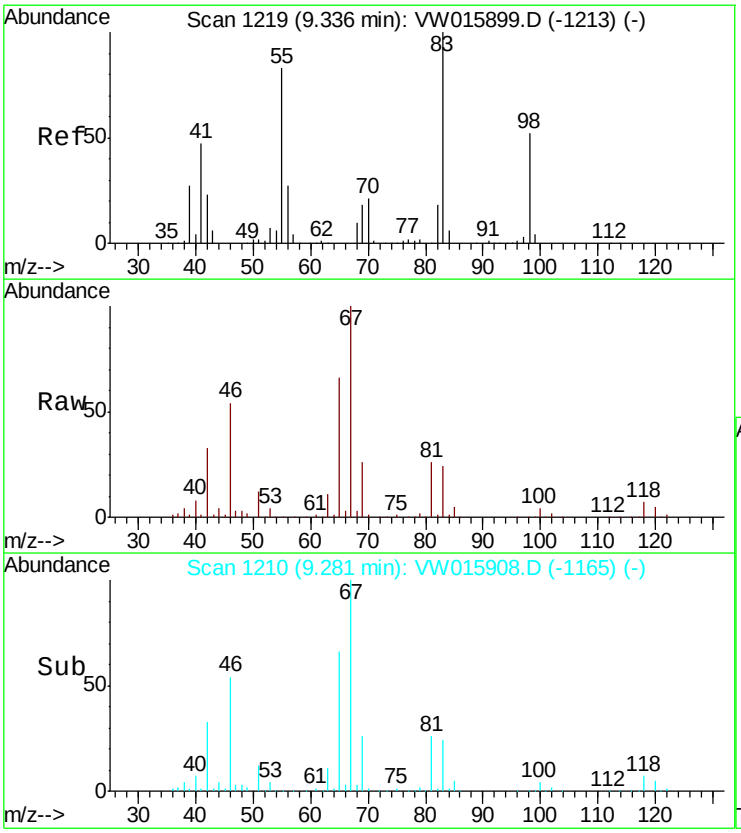
#35
Trichloroethene
Concen: 2.186 ug/L
RT: 8.84 min Scan# 1138
Delta R.T. -0.25 min
Lab File: VW015908.D
Acq: 22 Jul 2020 17:09

Instrument :
MSVOA_W
ClientSampleId :
C0AE0

Tgt Ion: 95 Resp: 14094

Ion	Ratio	Lower	Upper
95	100		
97	0.0	44.4	82.4#
132	0.0	65.1	120.9#
130	0.0	68.6	127.4#

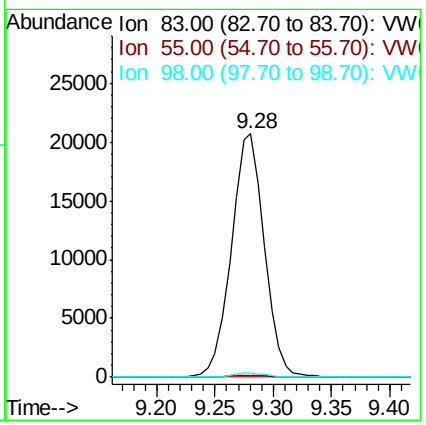


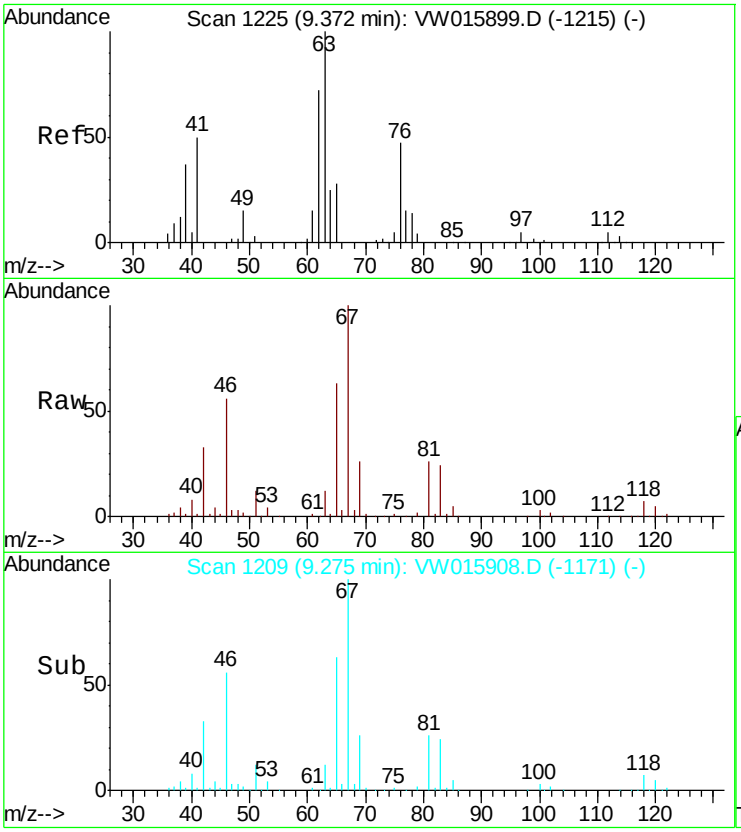


#36
Methylcyclohexane
Concen: 3.697 ug/L
RT: 9.28 min Scan# 1210
Delta R.T. -0.05 min
Lab File: VW015908.D
Acq: 22 Jul 2020 17:09

Tgt Ion: 83 Resp: 40906

Ion	Ratio	Lower	Upper
83	100		
55	0.5	63.5	95.3#
98	1.7	39.0	58.4#



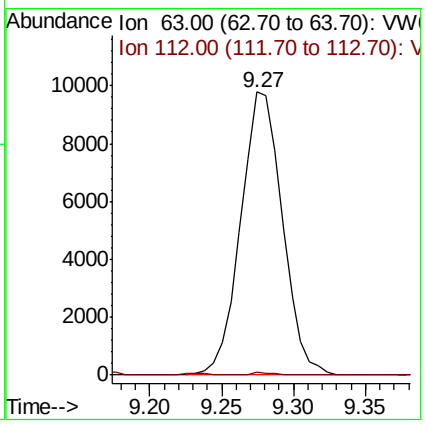


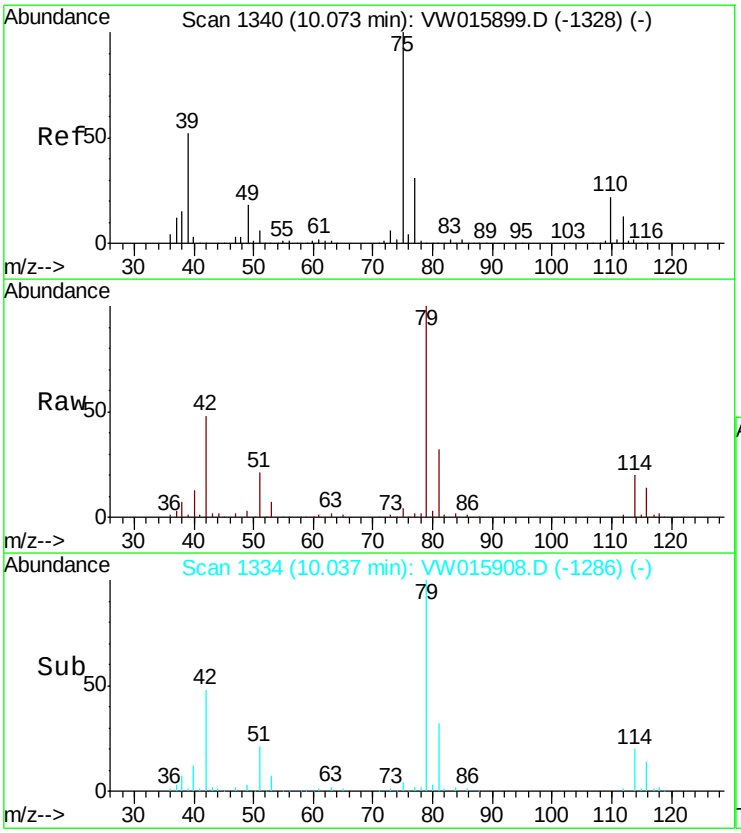
#40
1,2-Dichloropropane
Concen: 3.249 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.10 min
Lab File: VW015908.D
Acq: 22 Jul 2020 17:09

Instrument : MSVOA_W
ClientSampleId : C0AE0

Tgt Ion: 63 Resp: 19620

Ion	Ratio	Lower	Upper
63	100		
112	0.5	3.7	5.5#

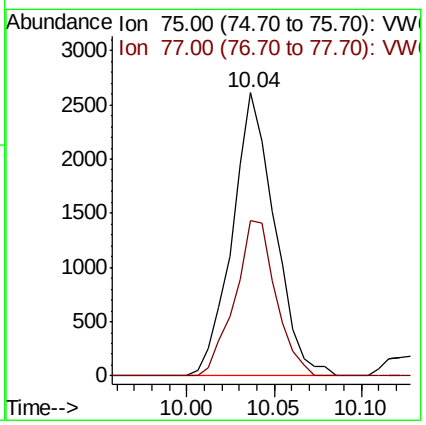


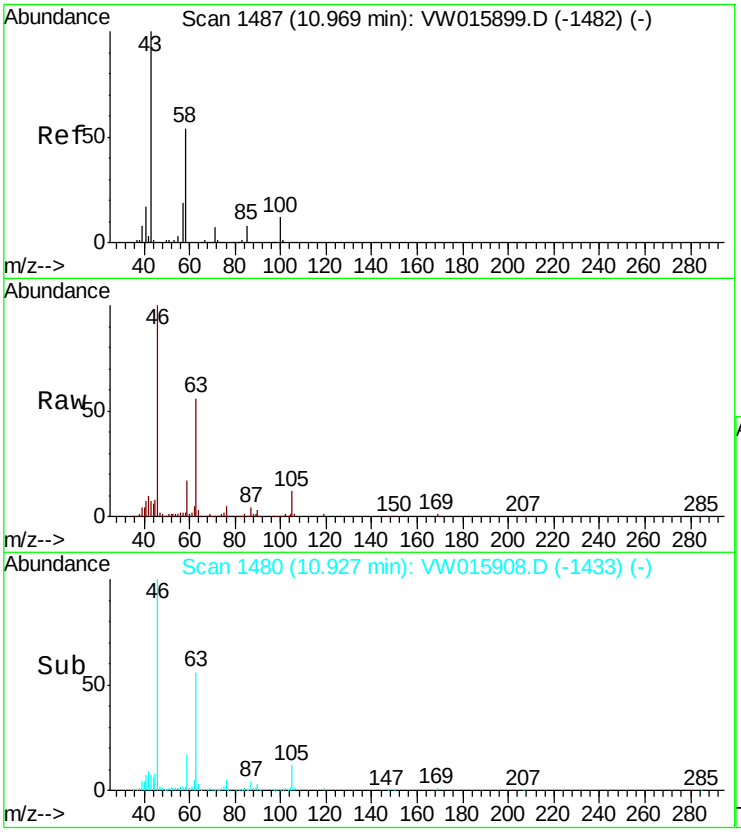


#42
cis-1,3-Dichloropropene
Concen: 0.481 ug/L
RT: 10.04 min Scan# 1334
Delta R.T. -0.04 min
Lab File: VW015908.D
Acq: 22 Jul 2020 17:09

Tgt Ion: 75 Resp: 4421

Ion	Ratio	Lower	Upper
75	100		
77	55.0	22.2	41.2#



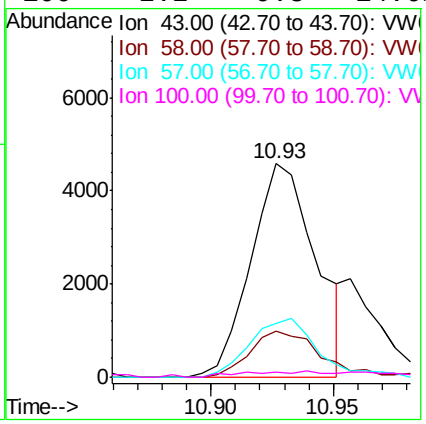


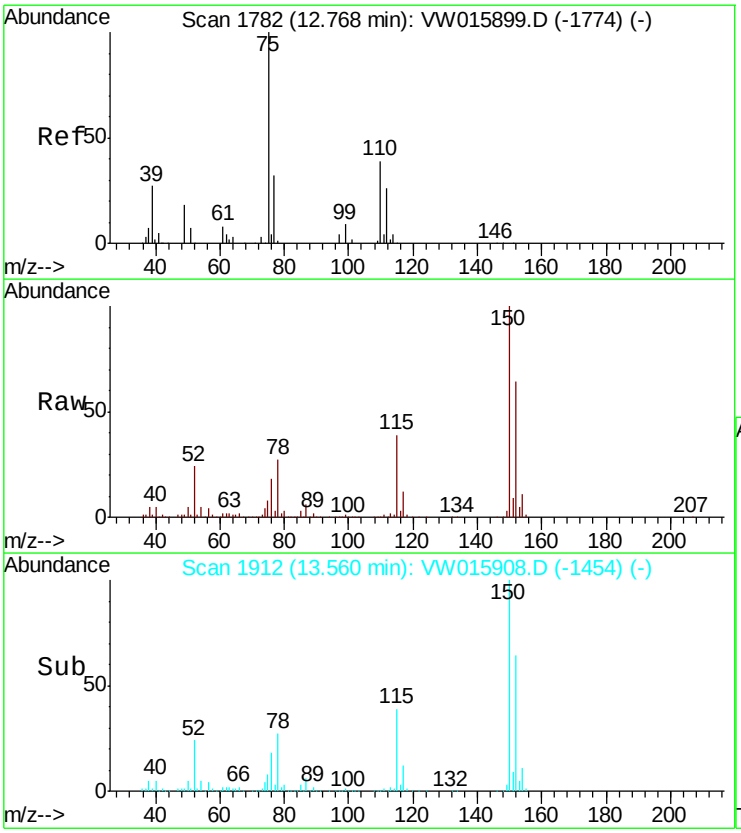
#49
2-Hexanone
Concen: 3.390 ug/L
RT: 10.93 min Scan# 1480
Delta R.T. -0.04 min
Lab File: VW015908.D
Acq: 22 Jul 2020 17:09

Instrument : MSVOA_W
ClientSampleId : C0AE0

Tgt Ion: 43 Resp: 8480

Ion	Ratio	Lower	Upper
43	100		
58	23.4	42.4	63.6#
57	0.0	15.6	23.4#
100	2.2	9.8	14.6#





#59
1,2,3-Trichloropropane
Concen: 4.617 ug/L
RT: 13.56 min Scan# 1912
Delta R.T. 0.79 min
Lab File: VW015908.D
Acq: 22 Jul 2020 17:09

Tgt Ion: 75 Resp: 17640

Ion	Ratio	Lower	Upper
75	100		
77	36.8	26.0	39.0