Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW100820\
Data File : VW016839.D
Acq On : 07 Oct 2020 17:58
Operator : SY/VA
Sample : L4308-03
Misc : 5.15G/10ML/MSVOA_W/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : C0AP8

Quant Time: Oct 08 08:41:32 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100720S.M
Quant Title : VOC Analysis
QLast Update : Thu Oct 08 08:32:41 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	546983	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	453818	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	172557	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.36	65	123327	22.86	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 91.44%			
7) Chloroethane-d5	2.90	69	104033	22.98	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 91.92%			
10) 1,1-Dichloroethene-d2	4.03	63	178712	15.60	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 62.40%			
20) 2-Butanone-d5	7.09	46	39855	32.61	ug/L	0.01
Spiked Amount 50.000	Range 20 - 135		Recovery = 65.22%			
24) Chloroform-d	7.65	84	249797	21.64	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 86.56%			
26) 1,2-Dichloroethane-d4	8.31	65	125145	22.45	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 89.80%			
29) Benzene-d6	8.28	84	495413	24.04	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 96.16%			
33) 1,2-Dichloropropane-d6	9.27	67	137823	24.88	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 99.52%			
37) Toluene-d8	10.33	98	446543	22.96	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 91.84%			
38) trans-1,3-Dichloropropene-	10.58	79	51328	21.01	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 84.04%			
39) 2-Hexanone-d5	10.93	63	34855	40.69	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 81.38%			
48) 1,1,2,2-Tetrachloroethane-	12.69	84	96306	21.52	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 86.08%			
61) 1,2-Dichlorobenzene-d4	13.85	152	122949	22.46	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 89.84%			
Target Compounds						Qvalue
13) Acetone	4.15	43	904	0.977	ug/L	66
16) Methylene chloride	4.93	84	15186	2.012	ug/L	93
35) Trichloroethene	8.84	95	15477	2.245	ug/L #	2
36) Methylcyclohexane	9.28	83	36746	3.170	ug/L #	22
40) 1,2-Dichloropropane	9.27	63	15688	2.847	ug/L #	84
42) cis-1,3-Dichloropropene	10.04	75	3632	0.413	ug/L #	76
45) trans-1,3-Dichloropropene	10.58	75	2484	0.336	ug/L #	72

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

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Quant Title : VOC Analysis
QLast Update : Thu Oct 08 08:32:41 2020
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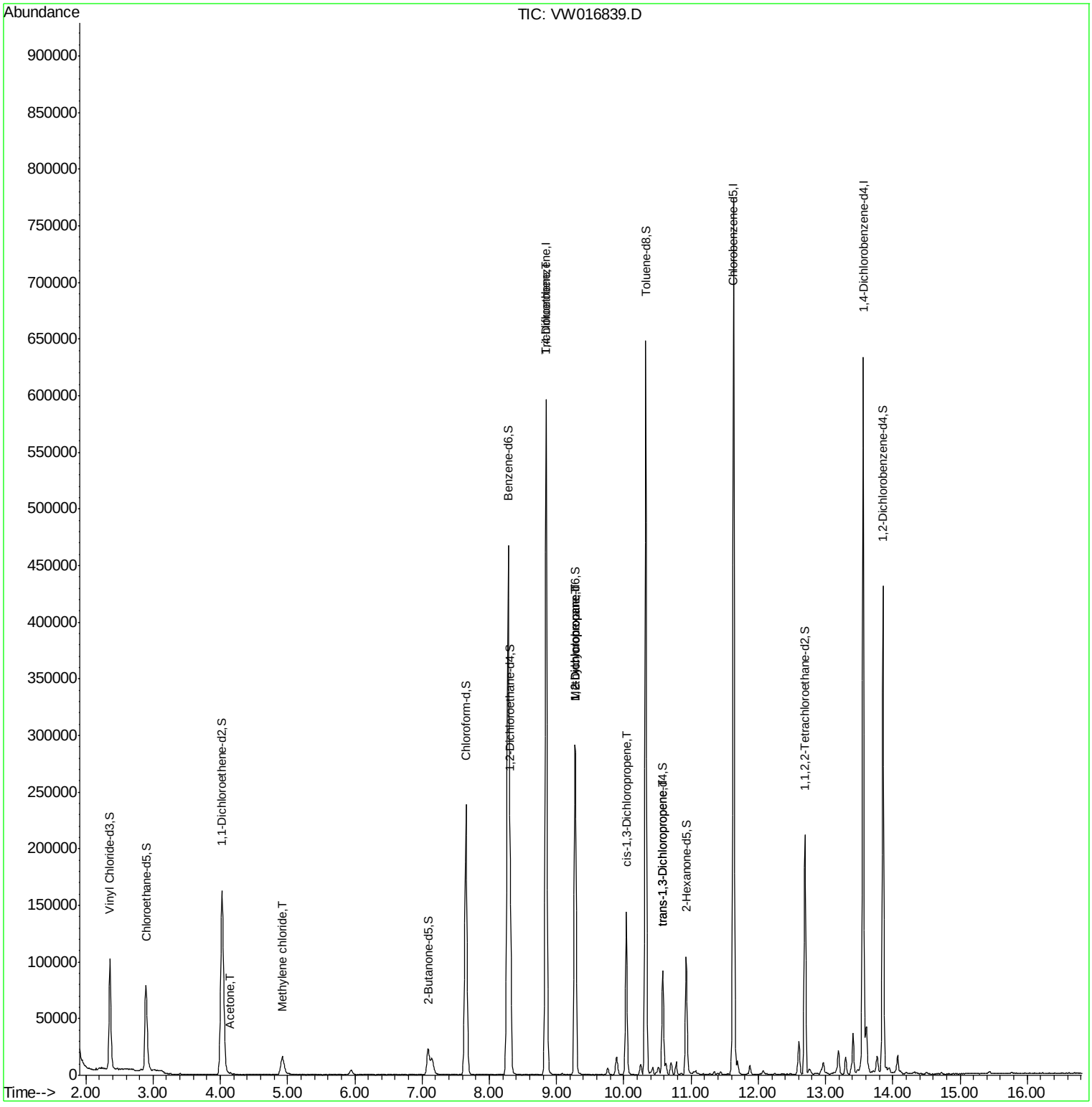
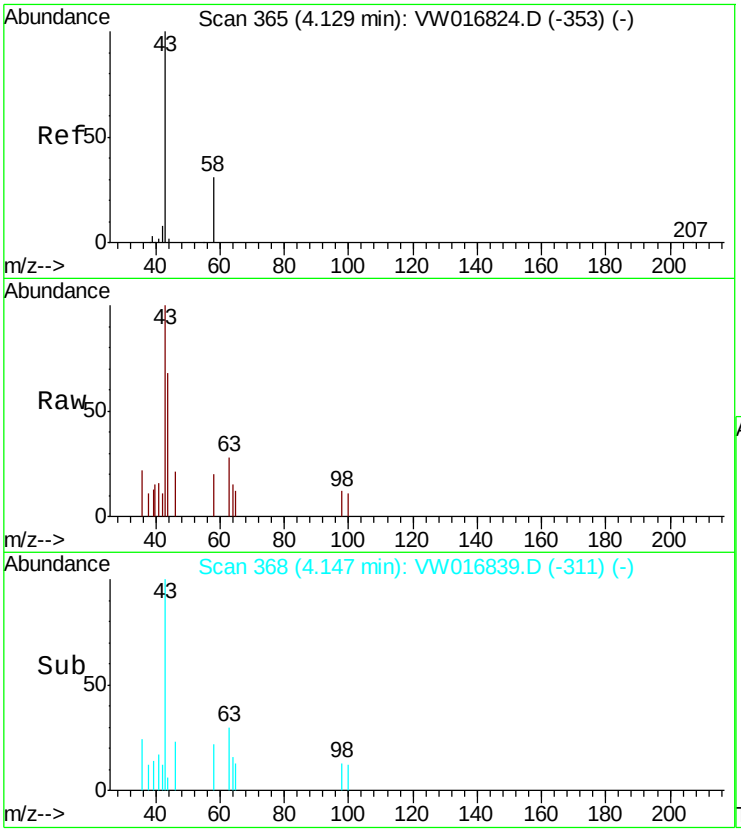


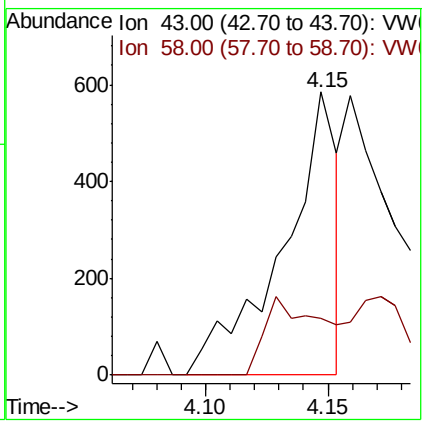


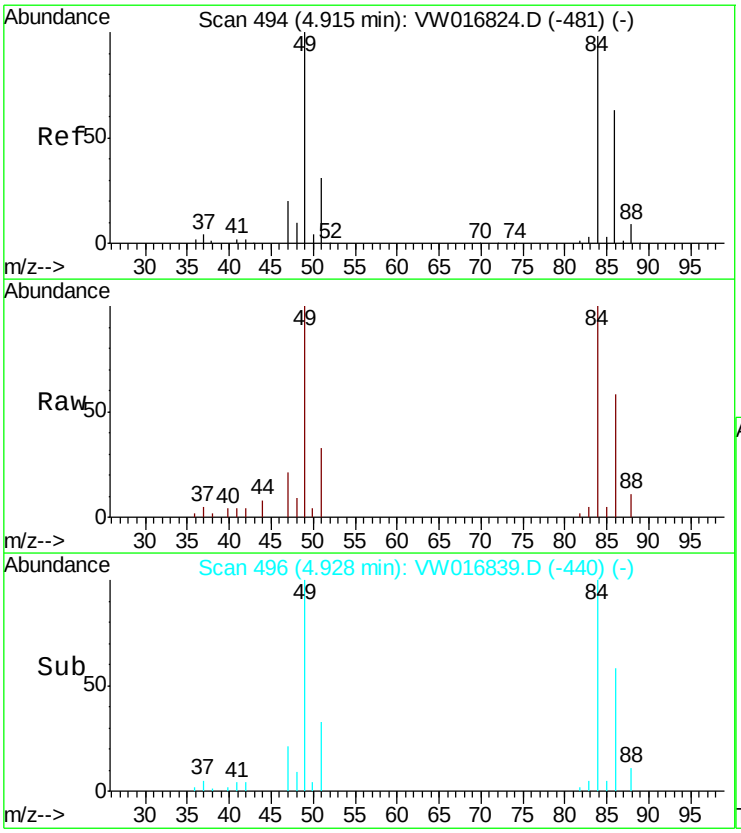
#13
Acetone
Concen: 0.977 ug/L
RT: 4.15 min Scan# 368
Delta R.T. 0.02 min
Lab File: VW016839.D
Acq: 07 Oct 2020 17:58

Instrument : MSVOA_W
ClientSampleId : C0AP8

Tgt Ion: 43 Resp: 904

Ion	Ratio	Lower	Upper
43	100		
58	14.5	0.0	67.6

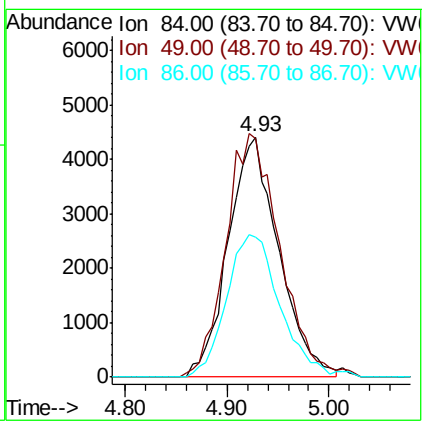


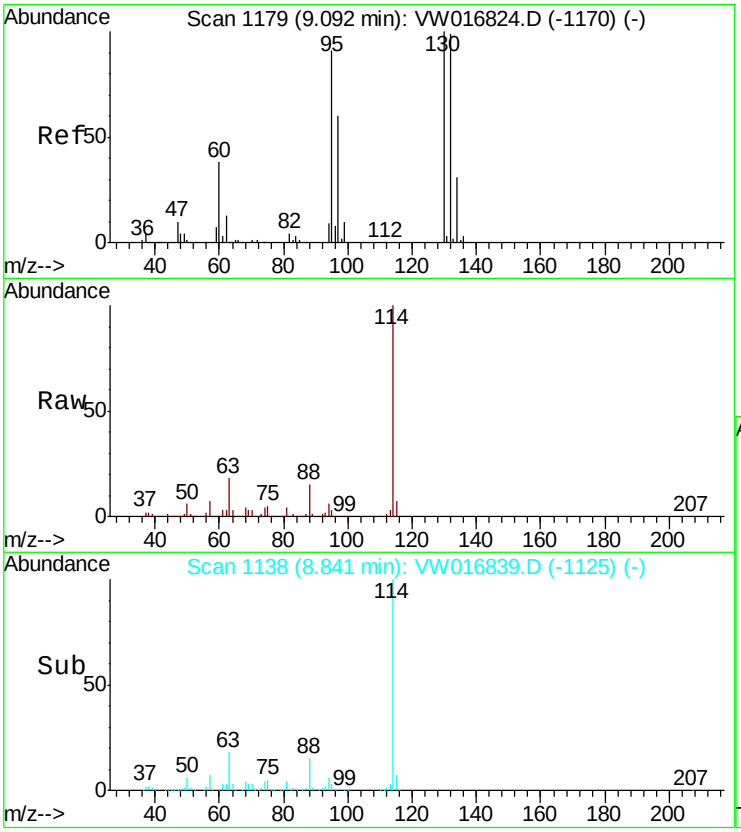


#16
Methylene chloride
Concen: 2.012 ug/L
RT: 4.93 min Scan# 496
Delta R.T. 0.01 min
Lab File: VW016839.D
Acq: 07 Oct 2020 17:58

Tgt Ion: 84 Resp: 15186

Ion	Ratio	Lower	Upper
84	100		
49	99.5	73.1	135.8
86	58.3	46.0	85.4



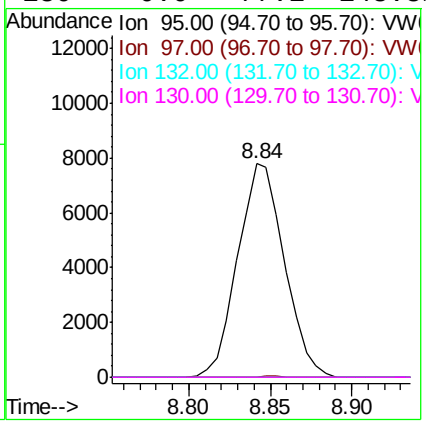


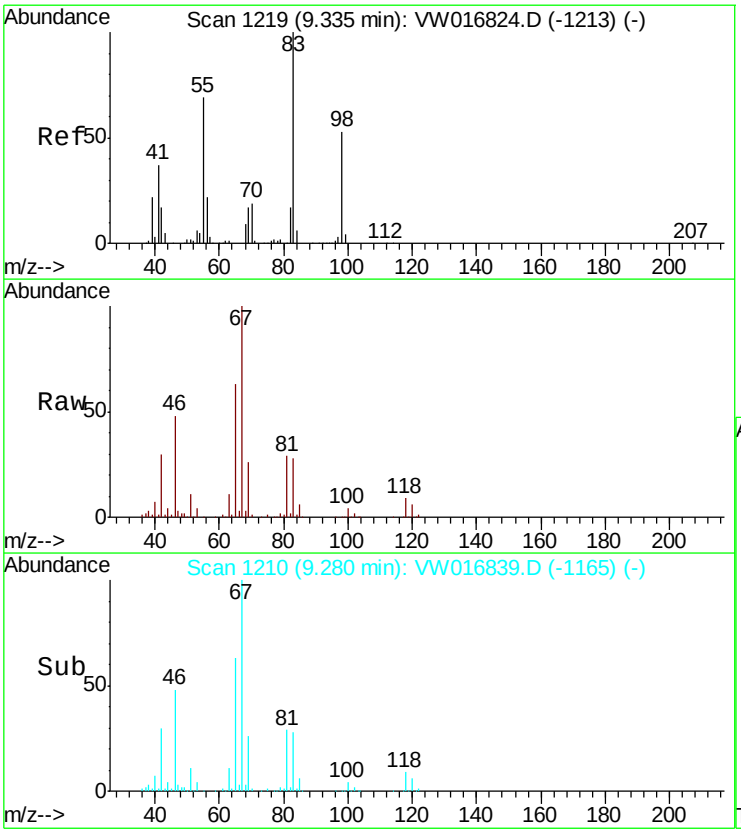
#35
Trichloroethene
Concen: 2.245 ug/L
RT: 8.84 min Scan# 1138
Delta R.T. -0.25 min
Lab File: VW016839.D
Acq: 07 Oct 2020 17:58

Instrument : MSVOA_W
ClientSampleId : C0AP8

Tgt Ion: 95 Resp: 15477

Ion	Ratio	Lower	Upper
95	100		
97	0.3	44.7	83.1#
132	0.0	73.8	137.2#
130	0.0	77.1	143.3#

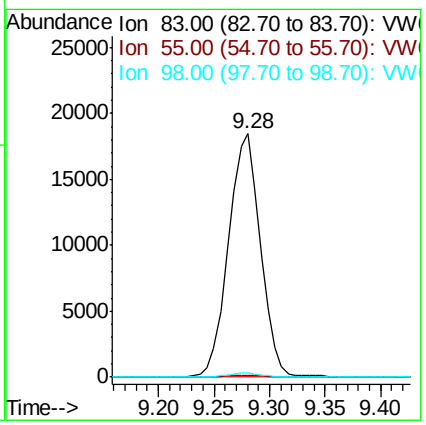


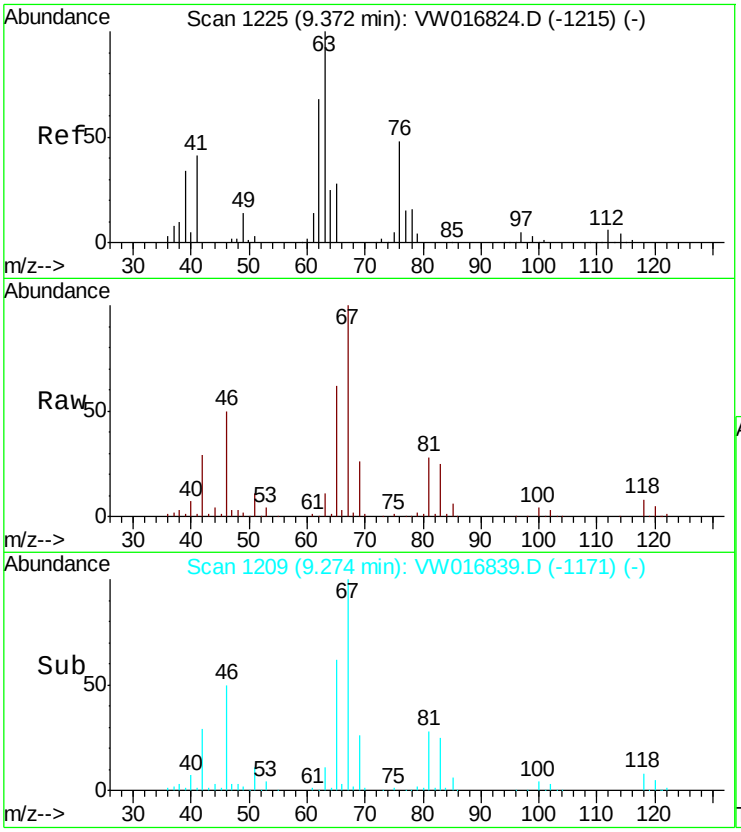


#36
Methylcyclohexane
Concen: 3.170 ug/L
RT: 9.28 min Scan# 1210
Delta R.T. -0.06 min
Lab File: VW016839.D
Acq: 07 Oct 2020 17:58

Tgt Ion: 83 Resp: 36746

Ion	Ratio	Lower	Upper
83	100		
55	0.3	54.2	81.4#
98	1.7	41.4	62.2#



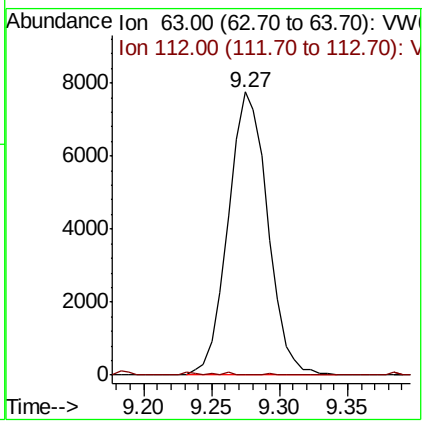


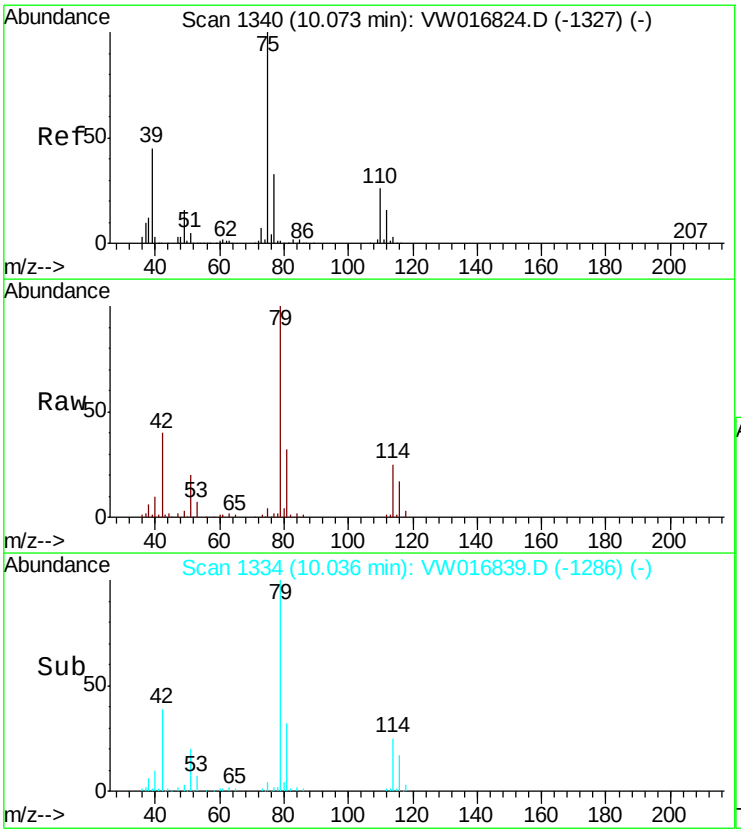
#40
1,2-Dichloropropane
Concen: 2.847 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.10 min
Lab File: VW016839.D
Acq: 07 Oct 2020 17:58

Instrument :
MSVOA_W
ClientSampleId :
C0AP8

Tgt Ion: 63 Resp: 15688

Ion	Ratio	Lower	Upper
63	100		
112	0.2	4.5	6.7#

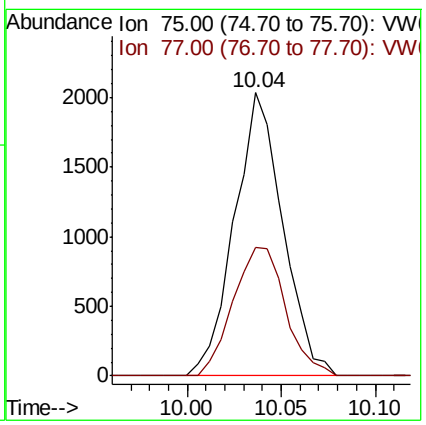


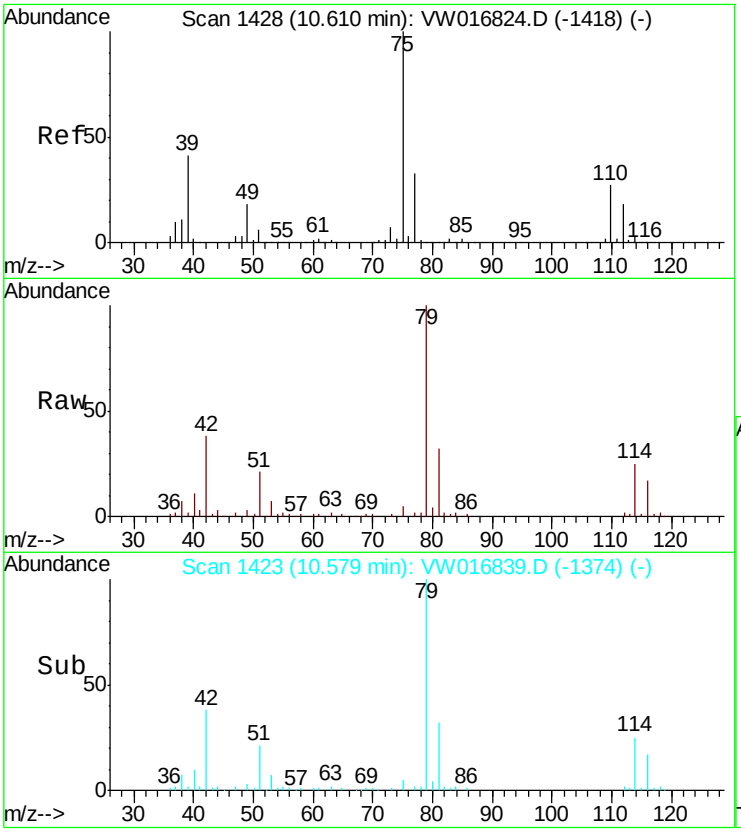


#42
cis-1,3-Dichloropropene
Concen: 0.413 ug/L
RT: 10.04 min Scan# 1334
Delta R.T. -0.04 min
Lab File: VW016839.D
Acq: 07 Oct 2020 17:58

Tgt Ion: 75 Resp: 3632

Ion	Ratio	Lower	Upper
75	100		
77	45.2	22.1	41.1#





#45
trans-1,3-Dichloropropene
Concen: 0.336 ug/L
RT: 10.58 min Scan# 1423
Delta R.T. -0.03 min
Lab File: VW016839.D
Acq: 07 Oct 2020 17:58

Instrument :
MSVOA_W
ClientSampleId :
C0AP8

Tgt Ion: 75 Resp: 2484

Ion	Ratio	Lower	Upper
75	100		
77	47.1	22.2	41.2#