Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW031021\
Data File : VW018286.D
Acq On : 10 Mar 2021 14:29
Operator : SY/VA
Sample : VIBLK10
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VIBLK10

Quant Time: Mar 11 02:03:30 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM030821S.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 11 02:01:11 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	270844	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	241660	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	115840	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	77777	26.52	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 106.08%			
7) Chloroethane-d5	2.891	69	58148	24.41	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 97.64%			
10) 1,1-Dichloroethene-d2	4.025	63	122105	17.92	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 71.68%			
20) 2-Butanone-d5	7.074	46	27402	39.30	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 78.60%			
24) Chloroform-d	7.647	84	165347	22.53	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 90.12%			
26) 1,2-Dichloroethane-d4	8.305	65	91135	22.57	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 90.28%			
29) Benzene-d6	8.275	84	310101	24.10	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 96.40%			
33) 1,2-Dichloropropane-d6	9.274	67	82824	23.23	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 92.92%			
37) Toluene-d8	10.323	98	301495	24.29	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 97.16%			
38) trans-1,3-Dichloroprop...	10.579	79	37285	21.10	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 84.40%			
39) 2-Hexanone-d5	10.927	63	24129	40.69	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 81.38%			
48) 1,1,2,2-Tetrachloroeth...	12.688	84	64255	21.08	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 84.32%			
61) 1,2-Dichlorobenzene-d4	13.853	152	100188	23.80	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 95.20%			
Target Compounds						Qvalue
13) Acetone	4.129	43	505	0.93	ug/L	94
16) Methylene chloride	4.922	84	10248	2.48	ug/L	90
35) Trichloroethene	8.842	95	8498	2.09	ug/L #	6
36) Methylcyclohexane	9.274	83	23693	3.61	ug/L #	20
40) 1,2-Dichloropropane	9.274	63	10774	3.34	ug/L #	84
42) cis-1,3-Dichloropropene	10.030	75	2981	0.55	ug/L	87
45) trans-1,3-Dichloropropene	10.579	75	1882	0.39	ug/L	85
49) 2-Hexanone	10.920	43	2853	2.47	ug/L #	60

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

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Quant Title : VOC Analysis
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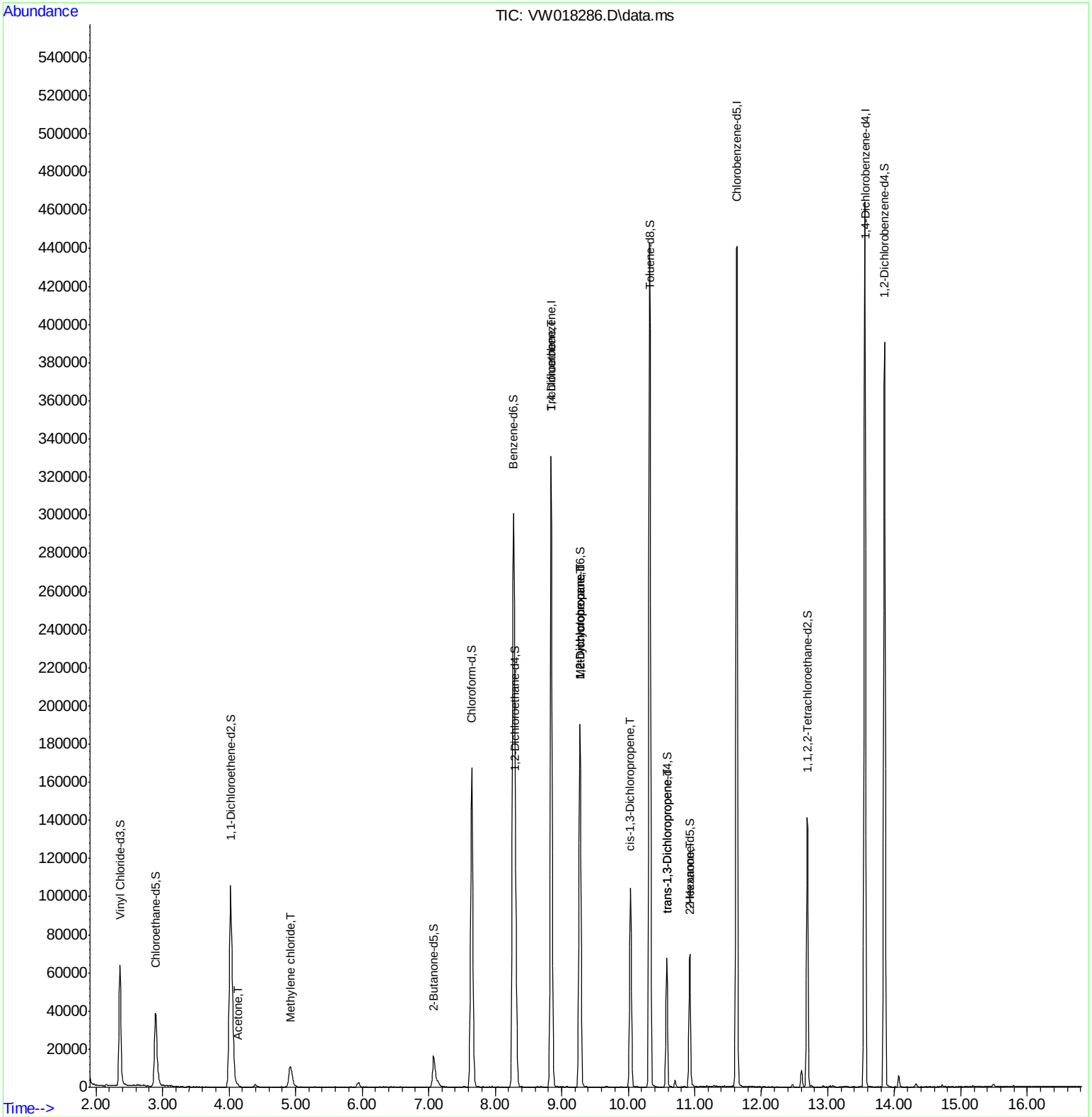
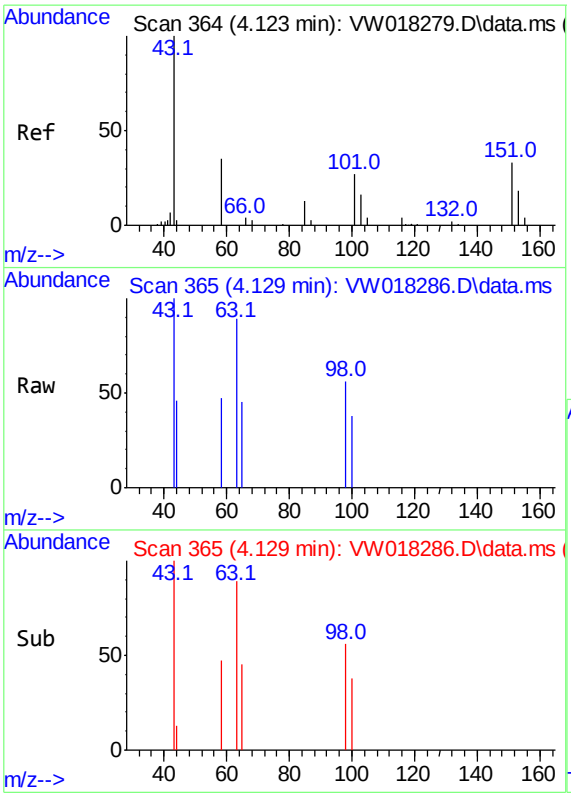


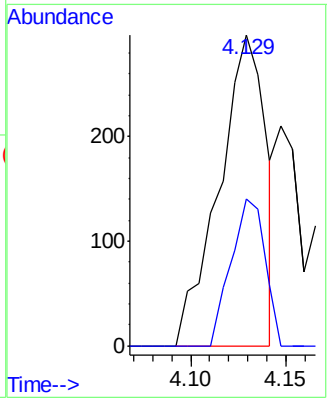
Instrument :
MSVOA_W
ClientSampleId :
VIBLK10

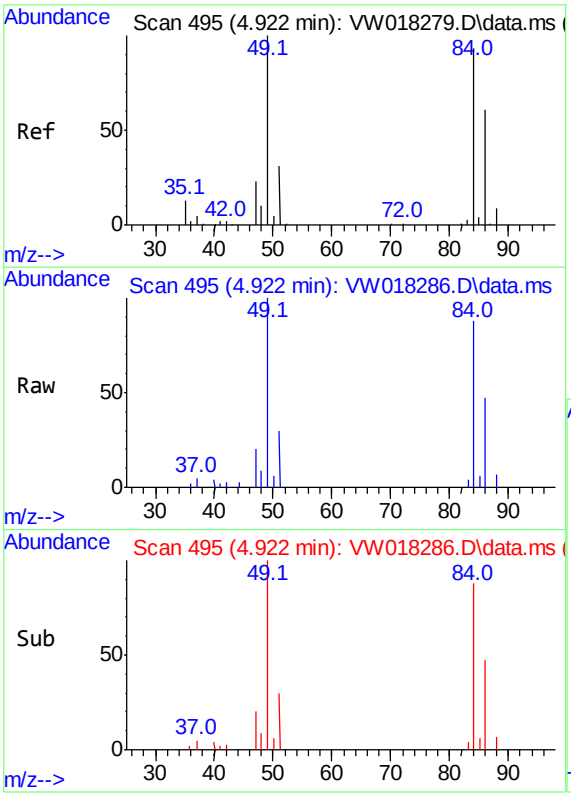


#13
Acetone
Concen: 0.93 ug/L
RT: 4.129 min Scan# 365
Delta R.T. 0.006 min
Lab File: VW018286.D
Acq: 10 Mar 2021 14:29

Tgt Ion: 43 Resp: 505

Ion	Ratio	Lower	Upper
43	100		
58	34.5	0.0	62.2

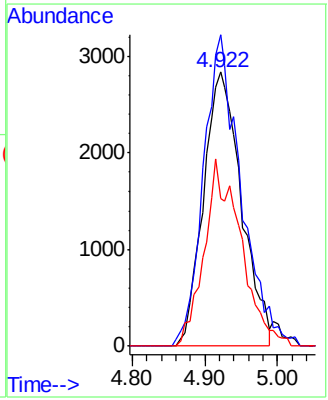


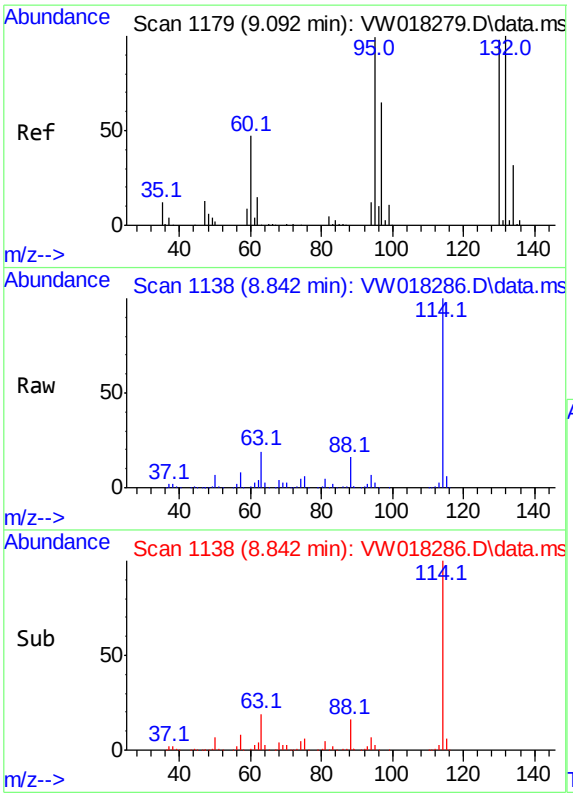


#16
Methylene chloride
Concen: 2.48 ug/L
RT: 4.922 min Scan# 495
Delta R.T. -0.000 min
Lab File: VW018286.D
Acq: 10 Mar 2021 14:29

Tgt Ion: 84 Resp: 10248

Ion	Ratio	Lower	Upper
84	100		
49	113.8	74.4	138.2
86	53.8	46.1	85.7

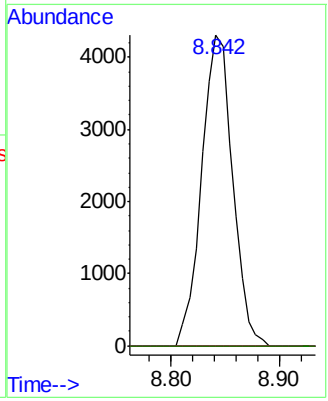




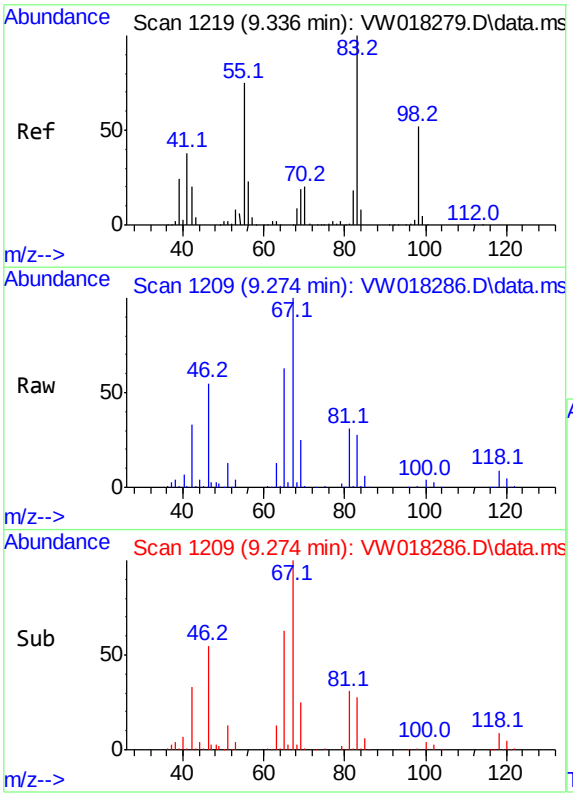
#35
Trichloroethene
Concen: 2.09 ug/L
RT: 8.842 min Scan# 1138
Delta R.T. -0.250 min
Lab File: VW018286.D
Acq: 10 Mar 2021 14:29

Tgt Ion: 95 Resp: 8498

Ion	Ratio	Lower	Upper
95	100		
97	0.0	44.4	82.4#
132	0.0	65.9	122.5#
130	0.0	67.4	125.2#



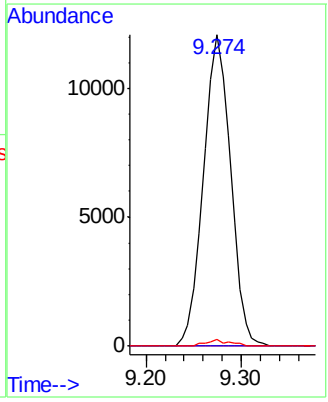
Instrument :
MSVOA_W
ClientSampleId :
VIBLK10

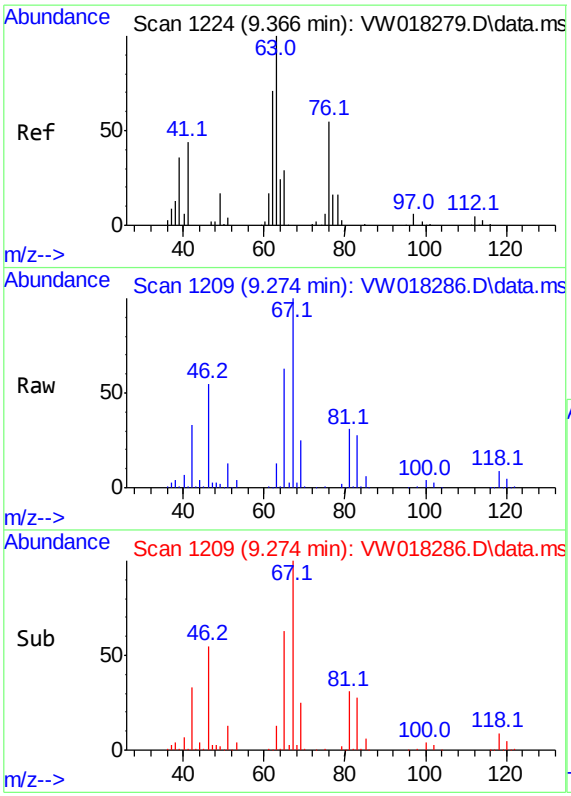


#36
Methylcyclohexane
Concen: 3.61 ug/L
RT: 9.274 min Scan# 1209
Delta R.T. -0.061 min
Lab File: VW018286.D
Acq: 10 Mar 2021 14:29

Tgt Ion: 83 Resp: 23693

Ion	Ratio	Lower	Upper
83	100		
55	0.0	56.8	85.2#
98	1.0	40.6	61.0#

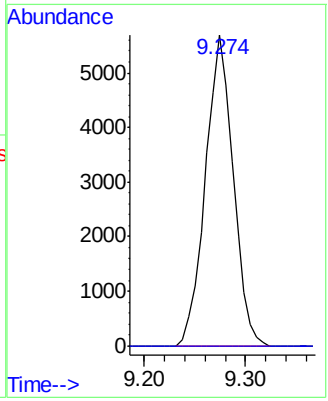




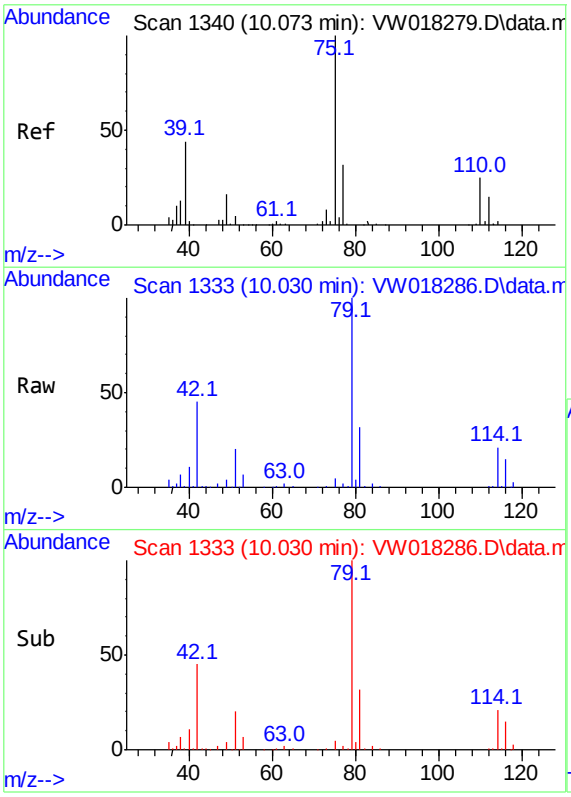
#40
1,2-Dichloropropane
Concen: 3.34 ug/L
RT: 9.274 min Scan# 1209
Delta R.T. -0.092 min
Lab File: VW018286.D
Acq: 10 Mar 2021 14:29

Tgt Ion: 63 Resp: 10774

Ion	Ratio	Lower	Upper
63	100		
112	0.0	4.2	6.4#



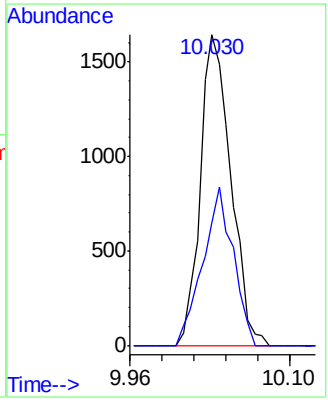
Instrument :
MSVOA_W
ClientSampleId :
VIBLK10



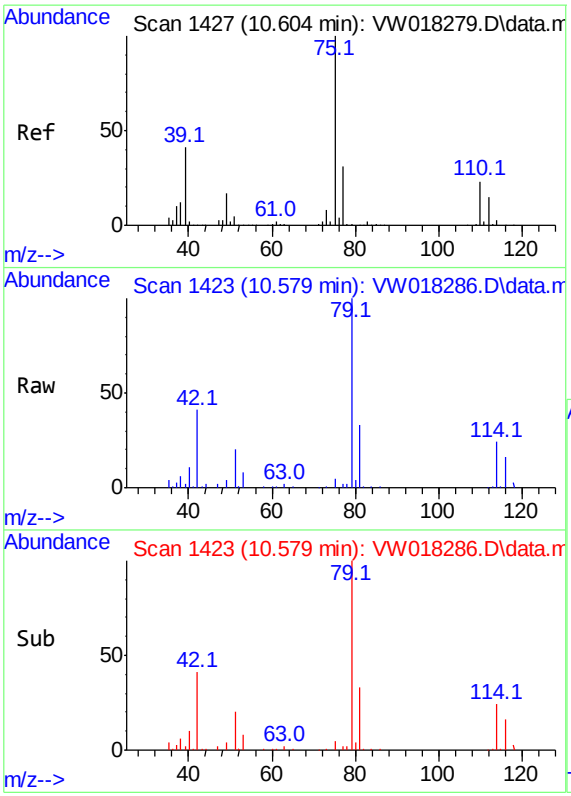
#42
cis-1,3-Dichloropropene
Concen: 0.55 ug/L
RT: 10.030 min Scan# 1333
Delta R.T. -0.043 min
Lab File: VW018286.D
Acq: 10 Mar 2021 14:29

Tgt Ion: 75 Resp: 2981

Ion	Ratio	Lower	Upper
75	100		
77	39.4	22.4	41.6



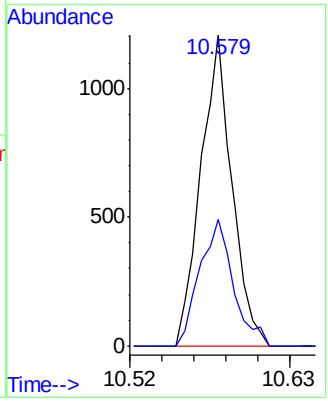
Instrument :
MSVOA_W
ClientSampleId :
VIBLK10

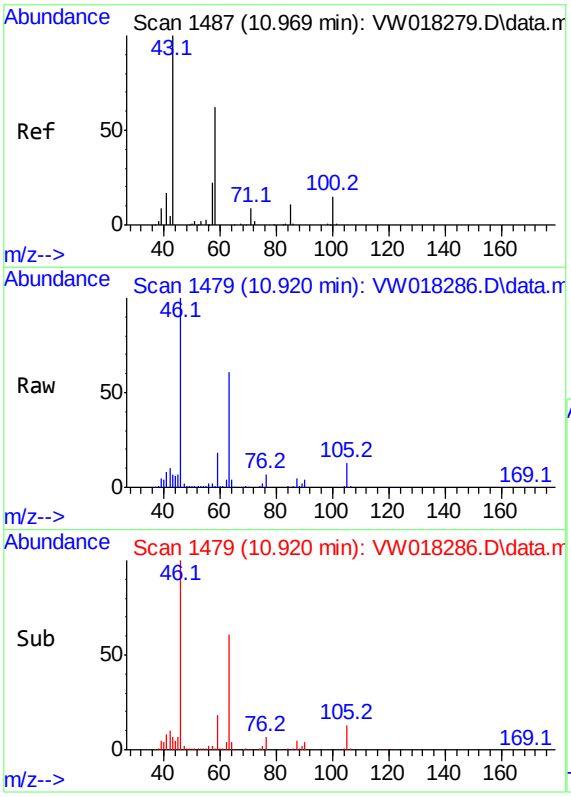


#45
trans-1,3-Dichloropropene
Concen: 0.39 ug/L
RT: 10.579 min Scan# 1423
Delta R.T. -0.025 min
Lab File: VW018286.D
Acq: 10 Mar 2021 14:29

Tgt Ion: 75 Resp: 1882

Ion	Ratio	Lower	Upper
75	100		
77	40.8	22.6	42.0





#49
2-Hexanone
Concen: 2.47 ug/L
RT: 10.920 min Scan# 1479
Delta R.T. -0.049 min
Lab File: VW018286.D
Acq: 10 Mar 2021 14:29

Tgt Ion: 43 Resp: 2853

Ion	Ratio	Lower	Upper
43	100		
58	22.5	47.3	70.9#
57	30.2	17.3	25.9#
100	0.0	12.9	19.3#