Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW080720\
Data File : VW016077.D
Acq On : 07 Aug 2020 17:48
Operator : SY/VA
Sample : VW0807SBL02
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId :

Quant Time: Aug 08 05:10:37 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
Quant Title : VOC Analysis
QLast Update : Sat Aug 08 05:08:58 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	305141	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	282107	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	131275	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.36	65	80679	18.74	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 74.96%			
7) Chloroethane-d5	2.89	69	61914	17.70	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 70.80%			
10) 1,1-Dichloroethene-d2	4.01	63	124806	14.34	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 57.36%			
20) 2-Butanone-d5	7.08	46	41146	36.38	ug/L	-0.01
Spiked Amount 50.000	Range 20 - 135		Recovery = 72.76%			
24) Chloroform-d	7.65	84	172333	20.11	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 80.44%			
26) 1,2-Dichloroethane-d4	8.31	65	87332	18.56	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 74.24%			
29) Benzene-d6	8.27	84	352175	20.51	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 82.04%			
33) 1,2-Dichloropropane-d6	9.27	67	101672	19.75	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 79.00%			
37) Toluene-d8	10.32	98	324366	20.85	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 83.40%			
38) trans-1,3-Dichloropropene-	10.58	79	41035	18.70	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 74.80%			
39) 2-Hexanone-d5	10.93	63	32830	38.30	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 76.60%			
48) 1,1,2,2-Tetrachloroethane-	12.69	84	79890	20.19	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 80.76%			
61) 1,2-Dichlorobenzene-d4	13.85	152	115289	22.52	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 90.08%			
Target Compounds						Qvalue
11) 1,1,2-Trichloro-1,2,2-trif	4.01	101	1510	0.382	ug/L #	20
16) Methylene chloride	4.92	84	24078	4.816	ug/L	89
21) 2-Butanone	7.15	43	2542	2.164	ug/L #	69
36) Methylcyclohexane	9.27	83	25827	3.321	ug/L #	18
42) cis-1,3-Dichloropropene	10.03	75	2891	0.447	ug/L #	68
49) 2-Hexanone	10.93	43	3978	2.263	ug/L #	66
59) 1,2,3-Trichloropropane	13.56	75	14154	5.271	ug/L	91

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

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Quant Title : VOC Analysis
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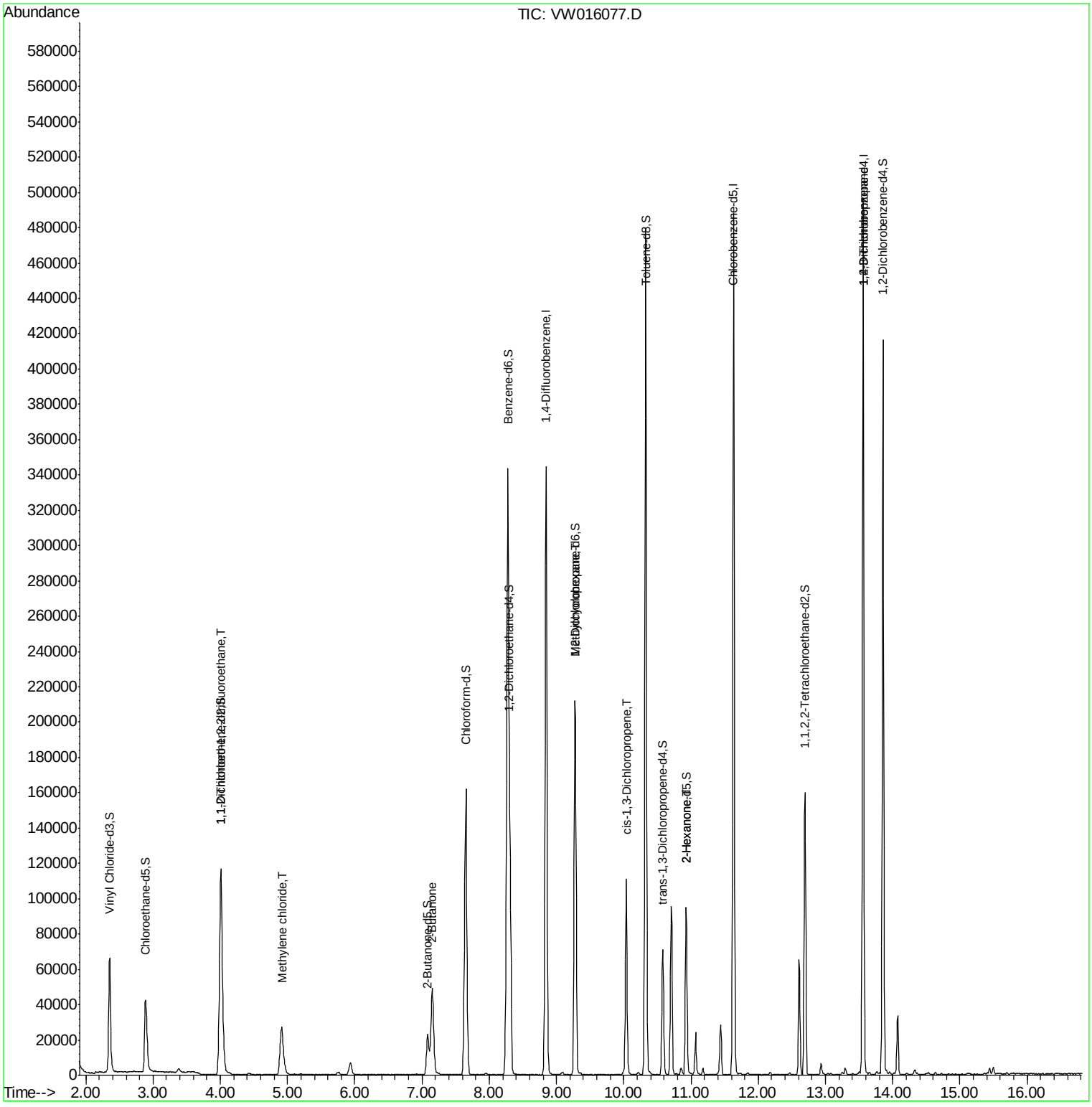
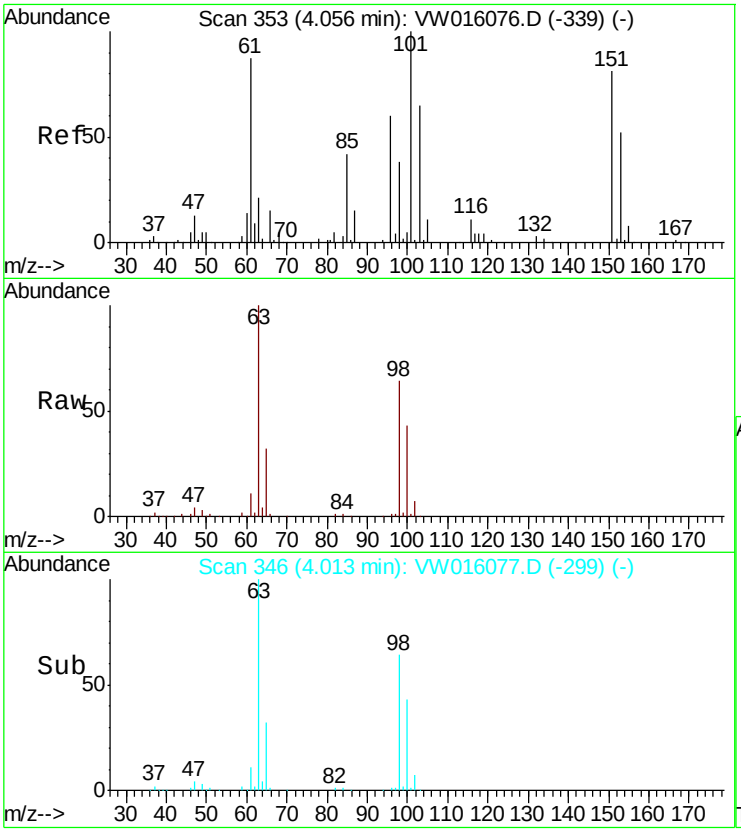


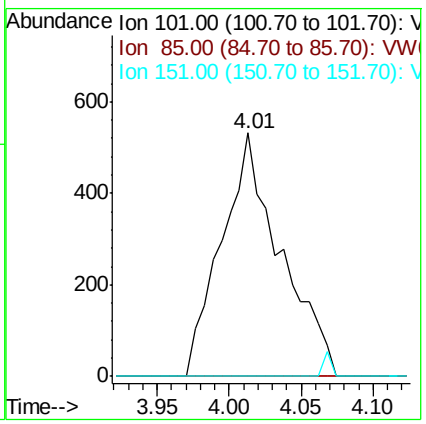


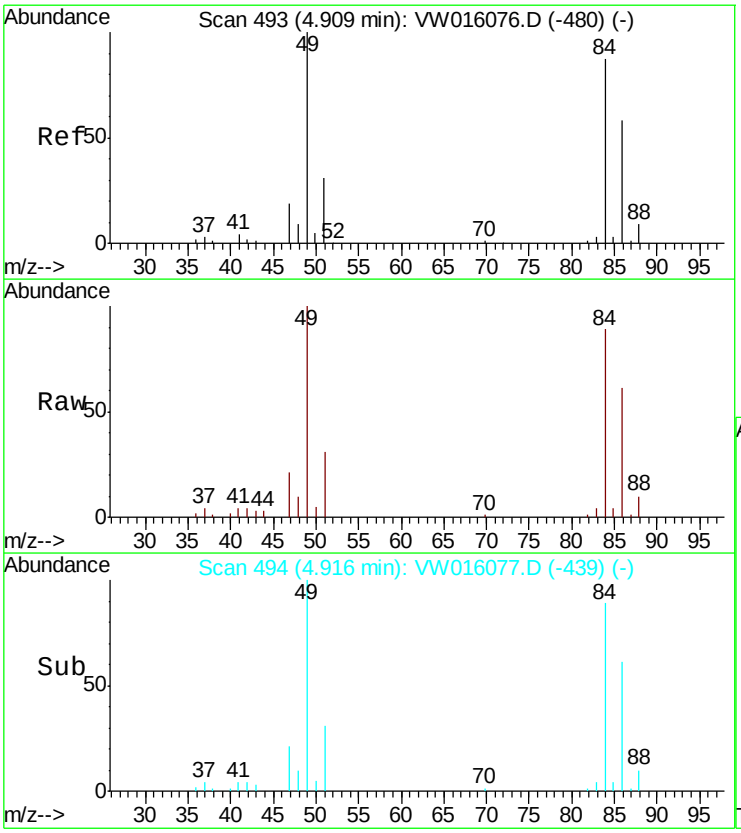
#11
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.382 ug/L
RT: 4.01 min Scan# 346
Delta R.T. -0.04 min
Lab File: VW016077.D
Acq: 07 Aug 2020 17:48

Instrument : MSVOA_W
ClientSampleId :

Tgt Ion:101 Resp: 1510

Ion	Ratio	Lower	Upper
101	100		
85	0.0	35.5	53.3#
151	0.0	58.4	87.6#

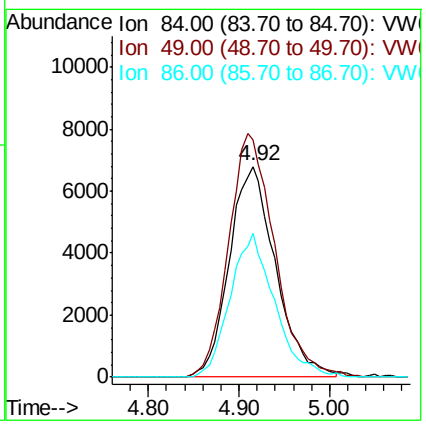


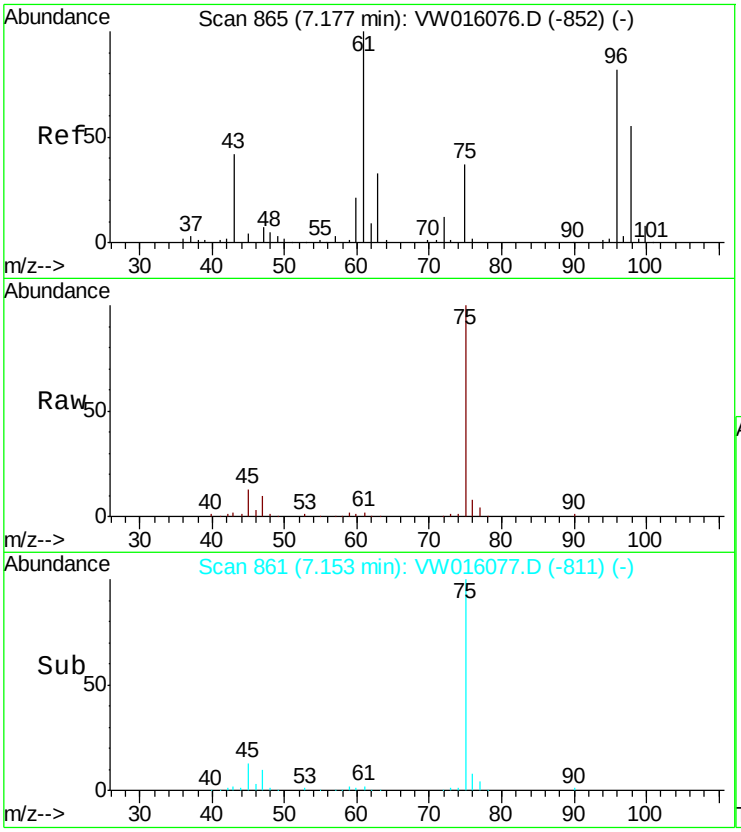


#16
Methylene chloride
Concen: 4.816 ug/L
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
Lab File: VW016077.D
Acq: 07 Aug 2020 17:48

Tgt Ion: 84 Resp: 24078

Ion	Ratio	Lower	Upper
84	100		
49	112.5	91.1	169.1
86	68.2	46.0	85.4



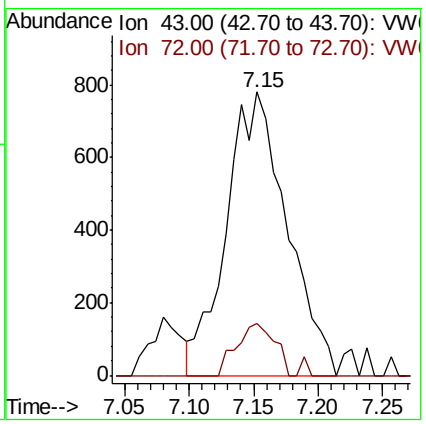


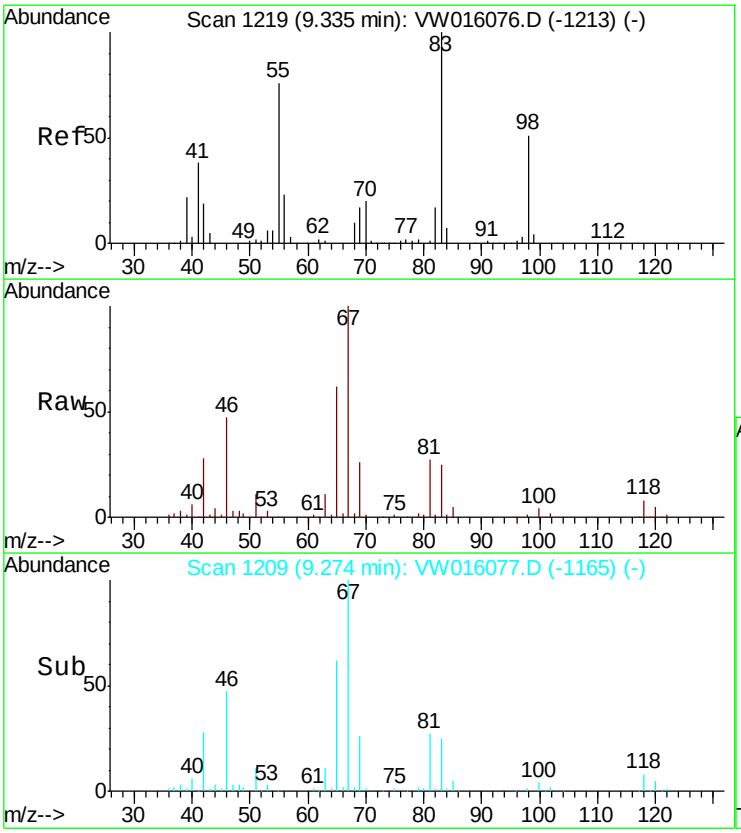
#21
2-Butanone
Concen: 2.164 ug/L
RT: 7.15 min Scan# 861
Delta R.T. -0.02 min
Lab File: VW016077.D
Acq: 07 Aug 2020 17:48

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 43 Resp: 2542

Ion	Ratio	Lower	Upper
43	100		
72	11.5	13.9	41.7#

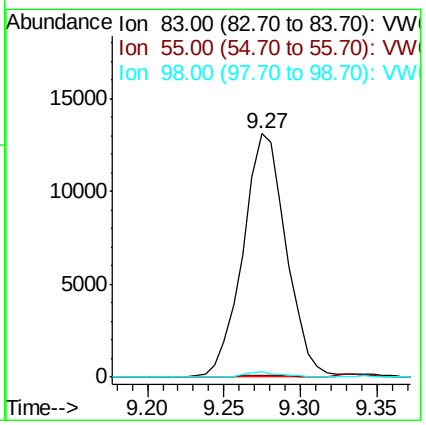


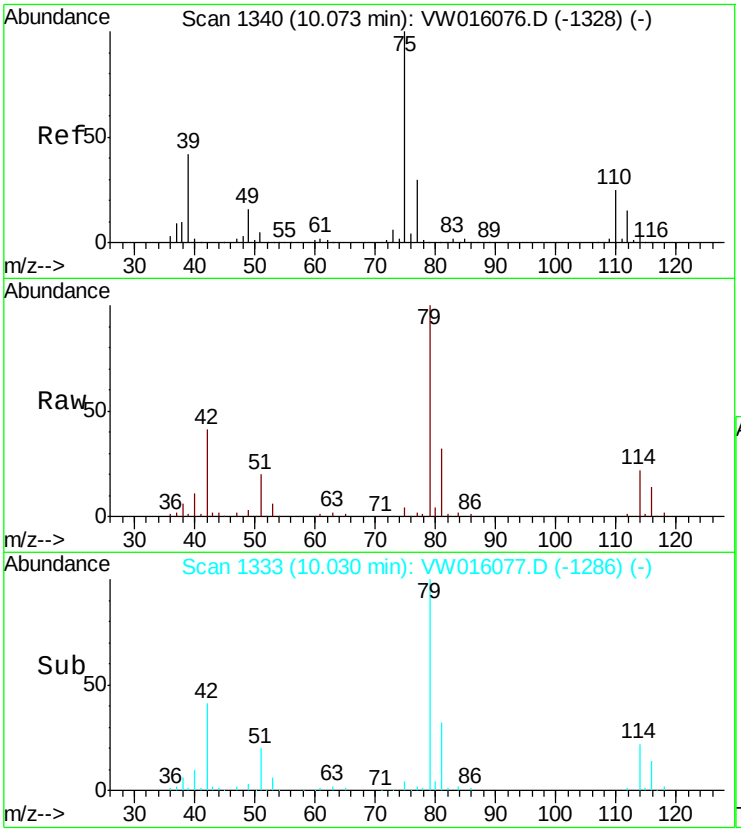


#36
Methylcyclohexane
Concen: 3.321 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.06 min
Lab File: VW016077.D
Acq: 07 Aug 2020 17:48

Tgt Ion: 83 Resp: 25827

Ion	Ratio	Lower	Upper
83	100		
55	0.5	63.5	95.3#
98	1.6	39.0	58.4#



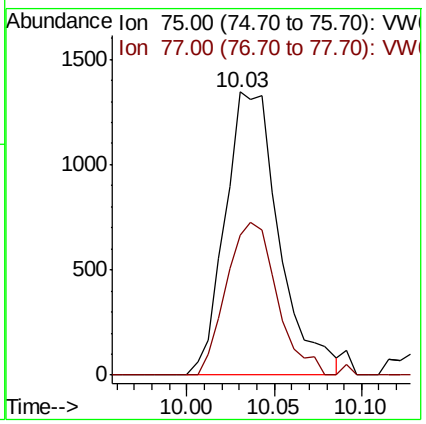


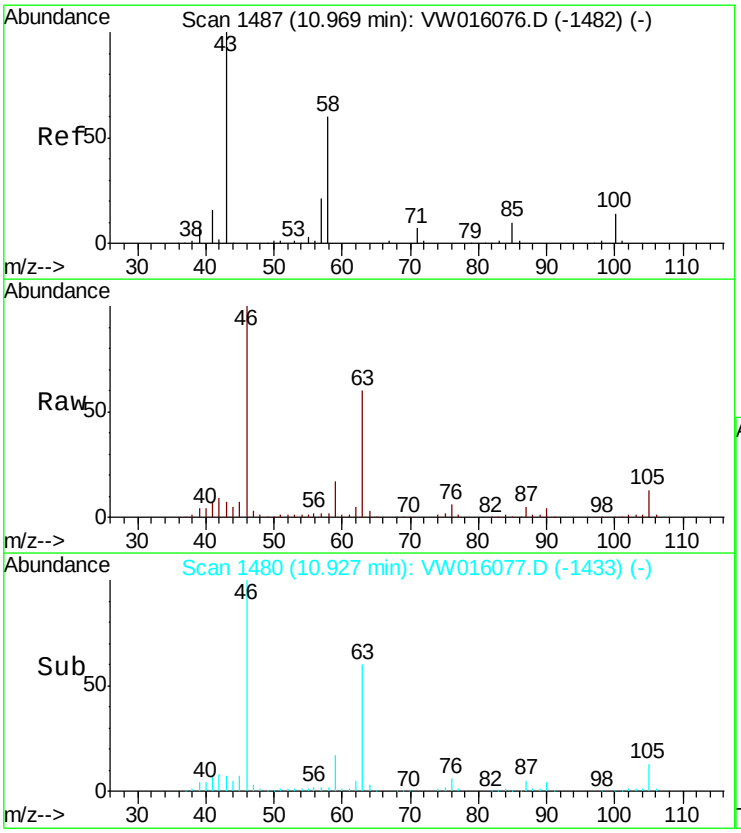
#42
cis-1,3-Dichloropropene
Concen: 0.447 ug/L
RT: 10.03 min Scan# 1333
Delta R.T. -0.04 min
Lab File: VW016077.D
Acq: 07 Aug 2020 17:48

Instrument : MSVOA_W
ClientSampleId :

Tgt Ion: 75 Resp: 2891

Ion	Ratio	Lower	Upper
75	100		
77	49.6	22.2	41.2#

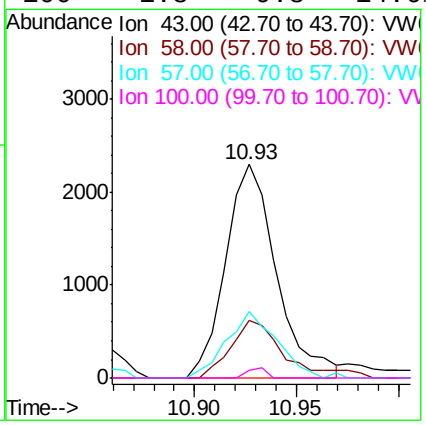


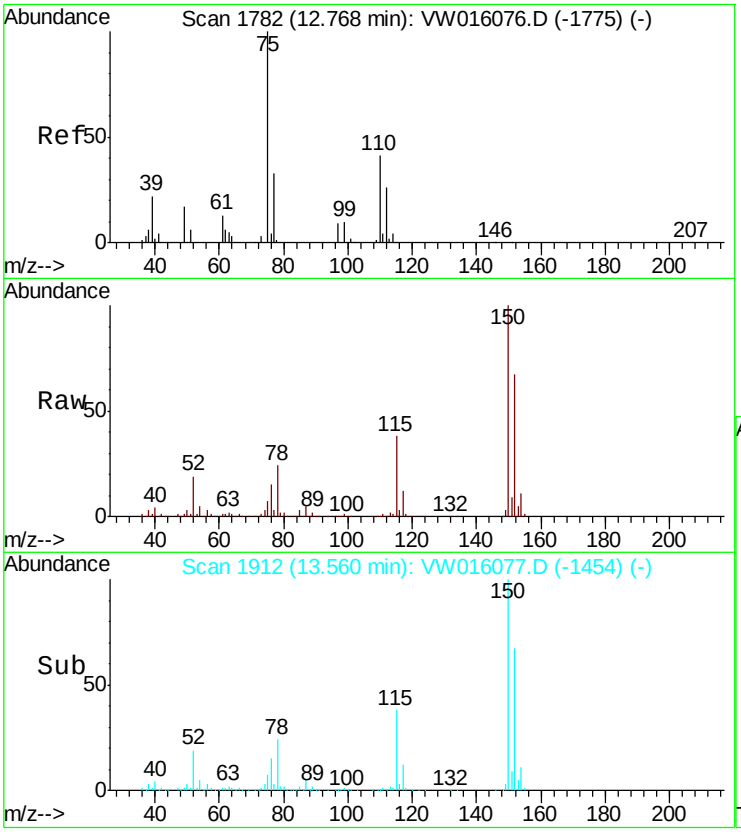


#49
2-Hexanone
Concen: 2.263 ug/L
RT: 10.93 min Scan# 1480
Delta R.T. -0.04 min
Lab File: VW016077.D
Acq: 07 Aug 2020 17:48

Tgt Ion: 43 Resp: 3978

Ion	Ratio	Lower	Upper
43	100		
58	25.7	42.4	63.6#
57	31.0	15.6	23.4#
100	1.8	9.8	14.6#





#59
1,2,3-Trichloropropane
Concen: 5.271 ug/L
RT: 13.56 min Scan# 1912
Delta R.T. 0.79 min
Lab File: VW016077.D
Acq: 07 Aug 2020 17:48

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 75 Resp: 14154

Ion	Ratio	Lower	Upper
75	100		
77	37.3	26.0	39.0