Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV081020\
Data File : VV017904.D
Acq On : 10 Aug 2020 18:27
Operator : SY/MD
Sample : L3608-08DL 5X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId :

Quant Time: Aug 11 02:21:57 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM080820WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Aug 11 01:17:50 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	246529	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	231127	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	119344	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.31	65	45984	36.12	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 72.24%			
7) Chloroethane-d5	1.58	69	43688	40.39	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 80.78%			
11) 1,1-Dichloroethene-d2	2.12	63	88321	28.87	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 57.74%#			
21) 2-Butanone-d5	3.91	46	76658	96.15	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 96.15%			
24) Chloroform-d	4.37	84	143277	42.92	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 85.84%			
26) 1,2-Dichloroethane-d4	5.06	65	109665	45.21	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 90.42%			
32) Benzene-d6	5.07	84	236317	44.28	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 88.56%			
36) 1,2-Dichloropropane-d6	6.09	67	62125	45.91	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 91.82%			
41) Toluene-d8	7.34	98	228705	42.63	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 85.26%			
43) trans-1,3-Dichloropropene-	7.64	79	40765	46.78	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 93.56%			
47) 2-Hexanone-d5	8.11	63	45574	92.98	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 92.98%			
57) 1,1,2,2-Tetrachloroethane-	10.24	84	93085	44.13	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 88.26%			
64) 1,2-Dichlorobenzene-d4	11.65	152	112440	46.22	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 92.44%			
Target Compounds						Qvalue
5) Vinyl chloride	1.32	62	47348	32.871	ug/L	99
16) Methylene chloride	2.52	84	1794	1.175	ug/L	86
17) trans-1,2-Dichloroethene	2.78	96	2181	1.471	ug/L	87
20) cis-1,2-Dichloroethene	3.94	96	111110	69.399	ug/L	95
35) Methylcyclohexane	6.09	83	20799	8.844	ug/L #	21
39) cis-1,3-Dichloropropene	7.01	75	2726	1.326	ug/L #	54
44) trans-1,3-Dichloropropene	7.64	75	2070	0.958	ug/L	93

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

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Quant Title : VOC Analysis
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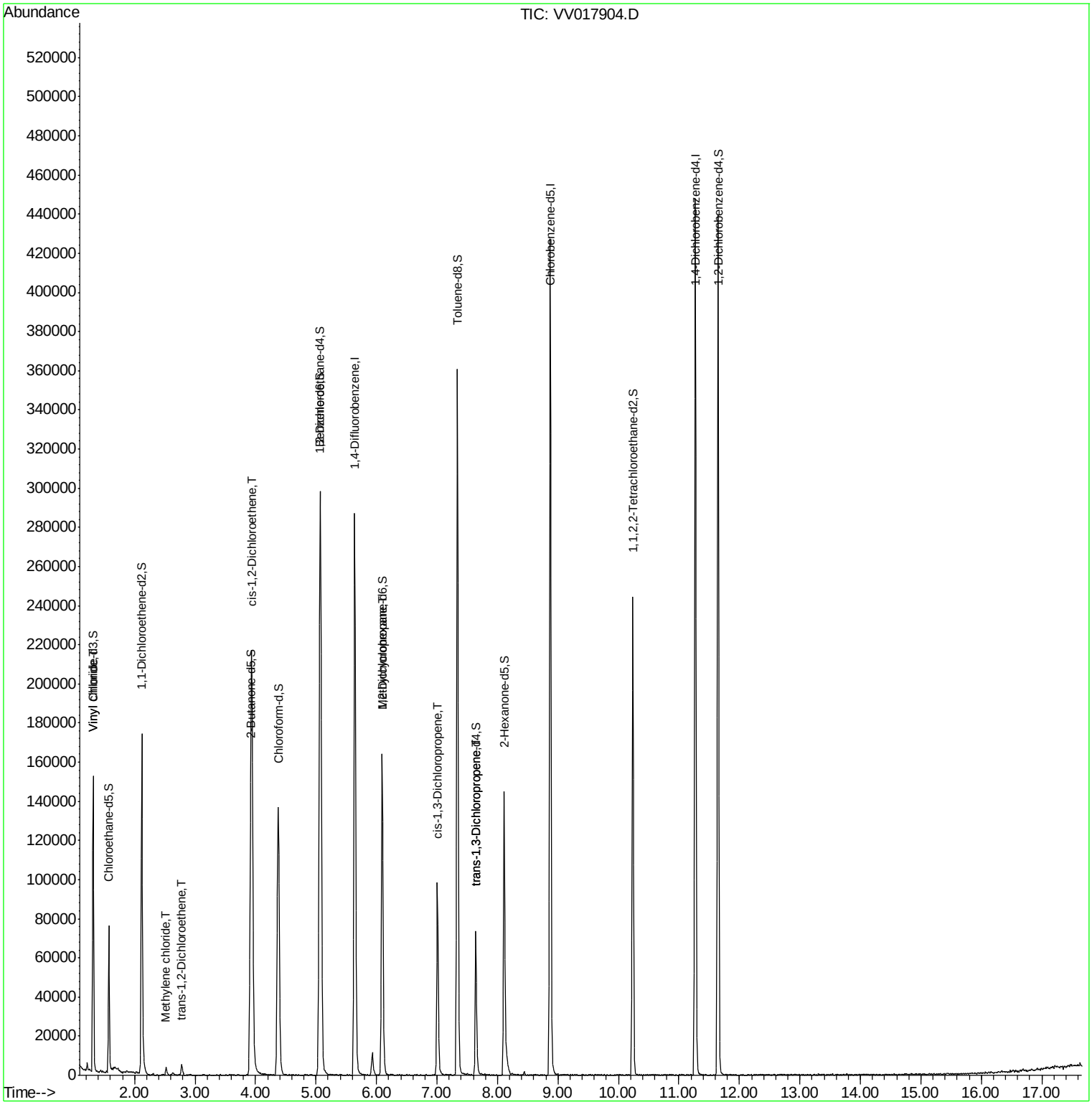
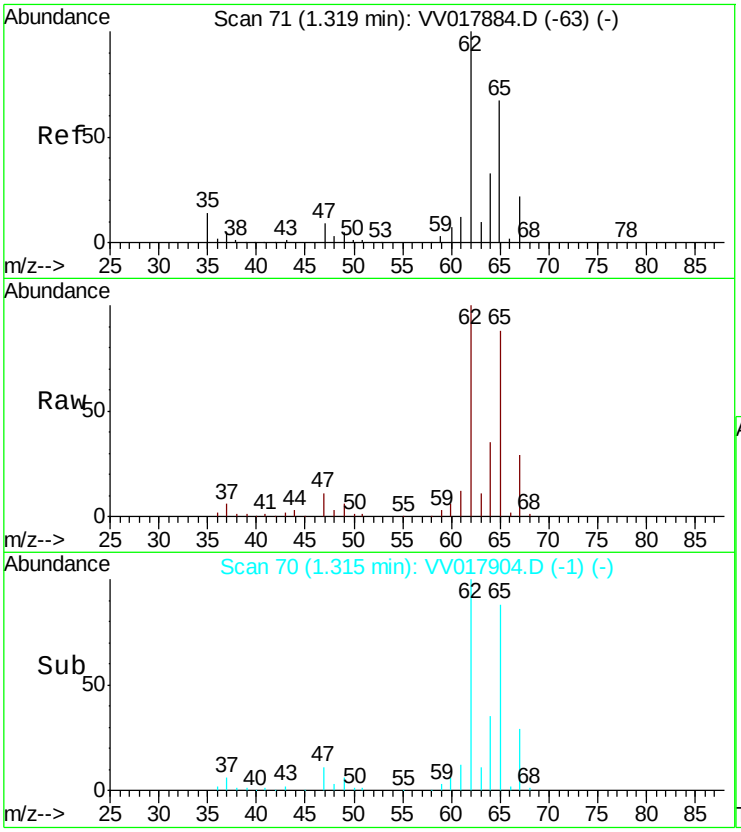


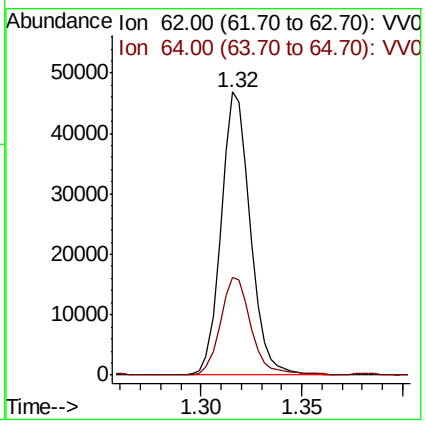


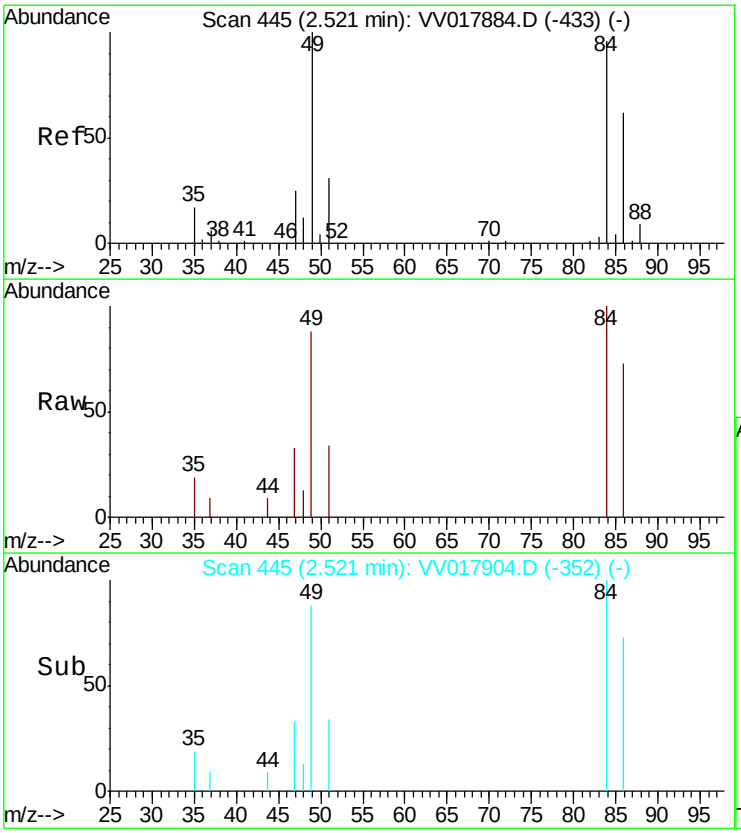
#5
Vinyl chloride
Concen: 32.871 ug/L
RT: 1.32 min Scan# 70
Delta R.T. -0.00 min
Lab File: VV017904.D
Acq: 10 Aug 2020 18:27

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 62 Resp: 47348

Ion	Ratio	Lower	Upper
62	100		
64	34.8	24.0	44.6

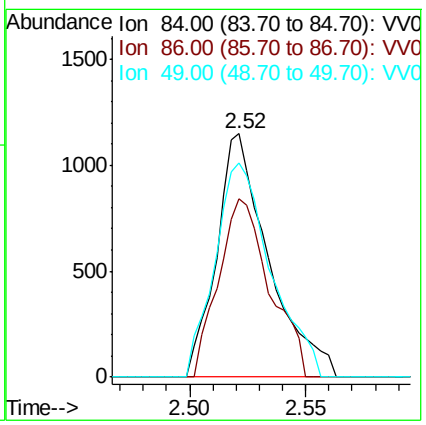


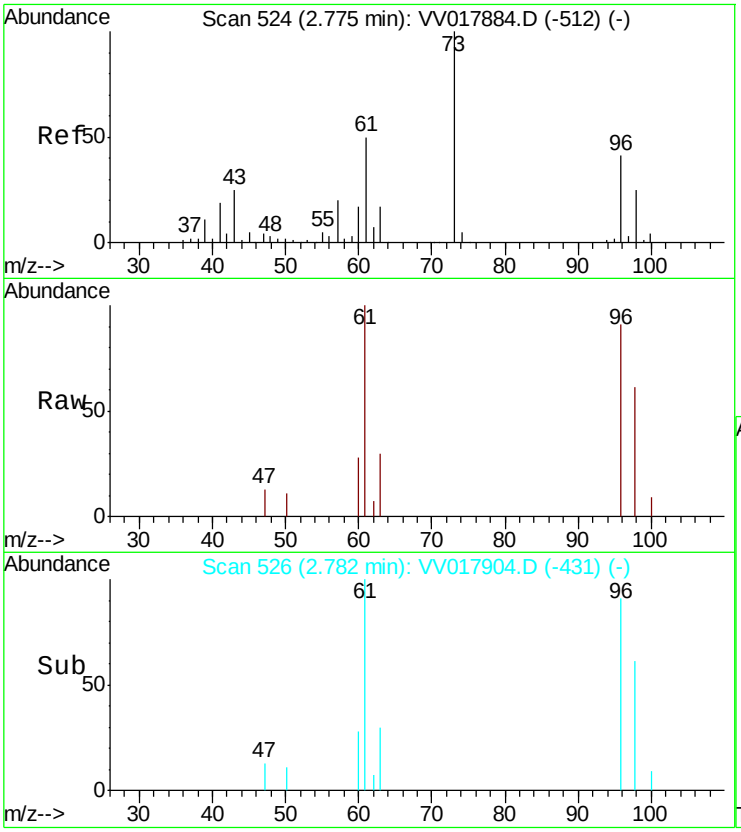


#16
Methylene chloride
Concen: 1.175 ug/L
RT: 2.52 min Scan# 445
Delta R.T. -0.00 min
Lab File: VV017904.D
Acq: 10 Aug 2020 18:27

Tgt Ion: 84 Resp: 1794

Ion	Ratio	Lower	Upper
84	100		
86	73.0	46.2	85.8
49	88.0	73.6	136.6



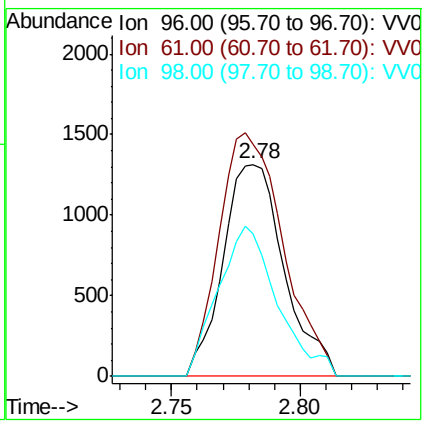


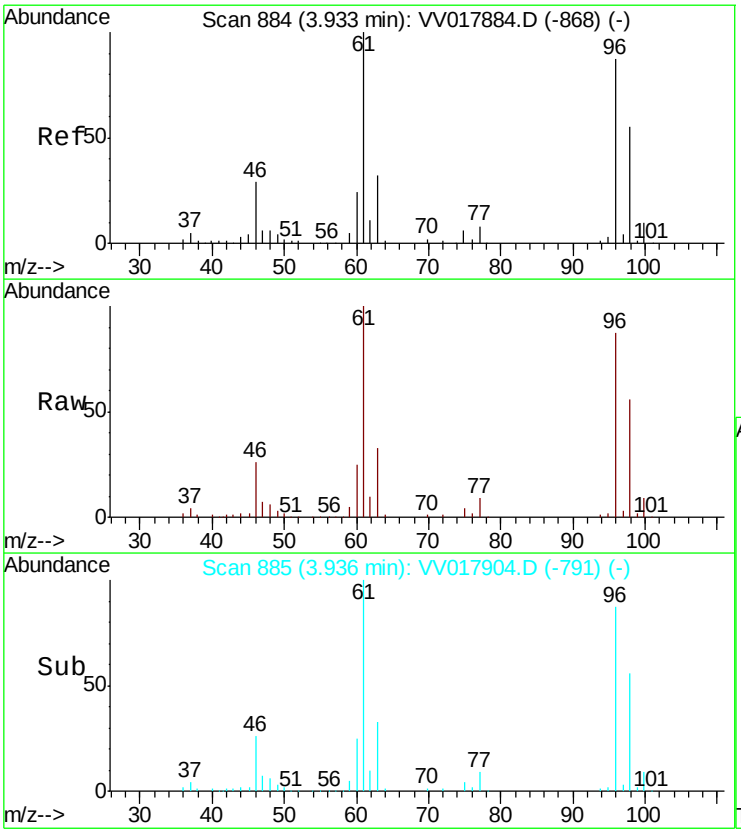
#17
trans-1,2-Dichloroethene
Concen: 1.471 ug/L
RT: 2.78 min Scan# 526
Delta R.T. 0.01 min
Lab File: VV017904.D
Acq: 10 Aug 2020 18:27

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 96 Resp: 2181

Ion	Ratio	Lower	Upper
96	100		
61	109.5	92.4	171.6
98	66.9	47.5	88.1

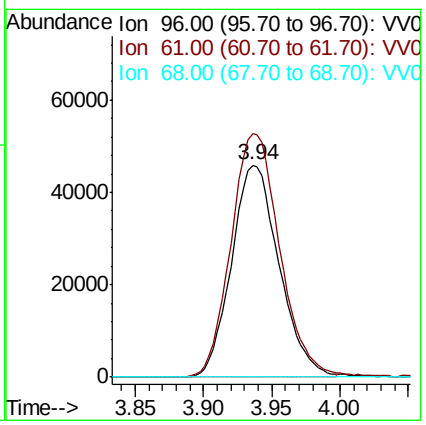


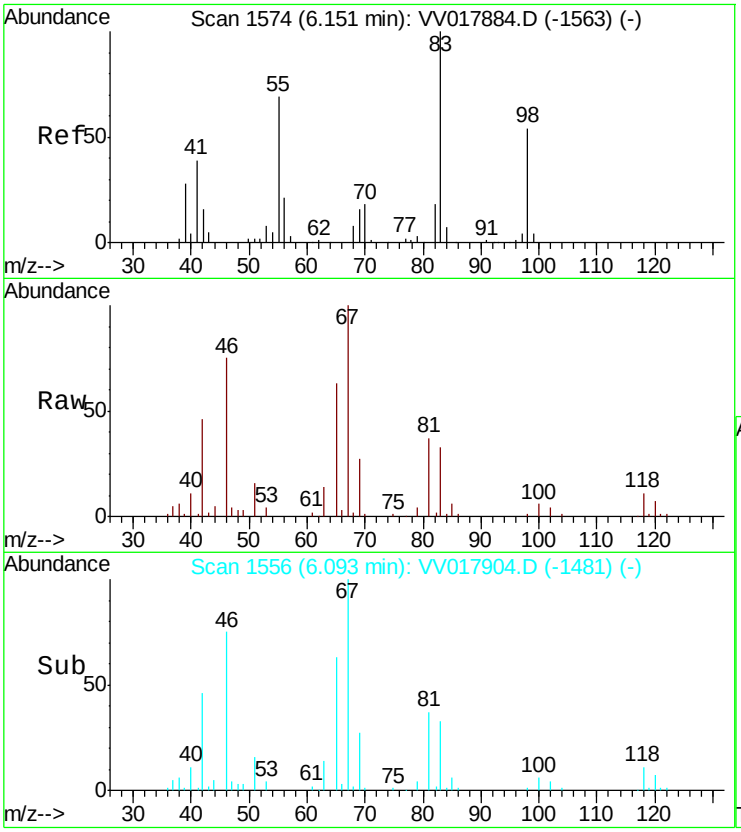


#20
cis-1,2-Dichloroethene
Concen: 69.399 ug/L
RT: 3.94 min Scan# 885
Delta R.T. 0.00 min
Lab File: VV017904.D
Acq: 10 Aug 2020 18:27

Tgt Ion: 96 Resp: 111110

Ion	Ratio	Lower	Upper
96	100		
61	114.7	84.4	156.8
68	0.0	0.0	0.0



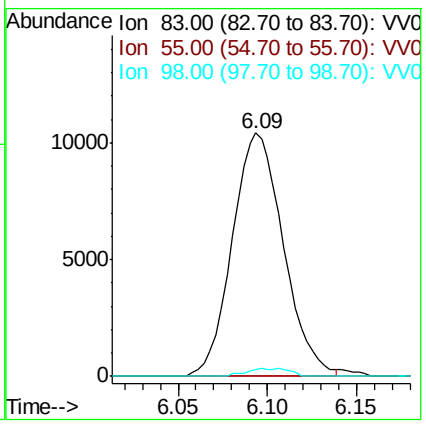


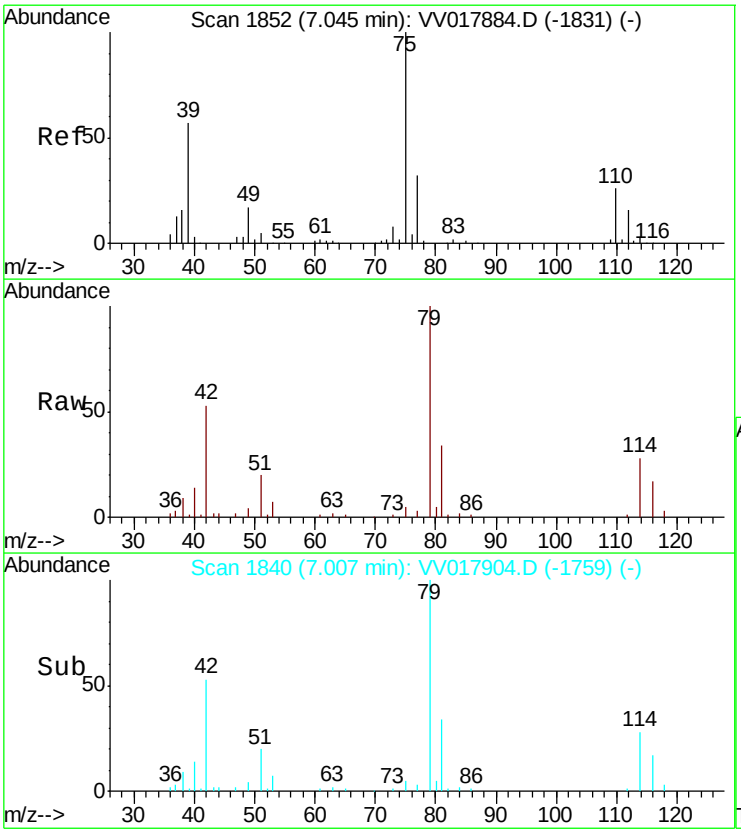
#35
Methylcyclohexane
Concen: 8.844 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.06 min
Lab File: VV017904.D
Acq: 10 Aug 2020 18:27

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 83 Resp: 20799

Ion	Ratio	Lower	Upper
83	100		
55	0.0	54.6	82.0#
98	1.4	41.1	61.7#

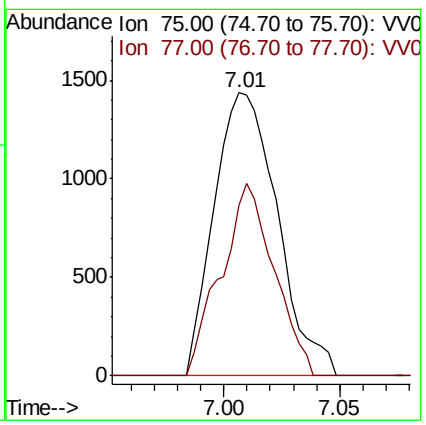


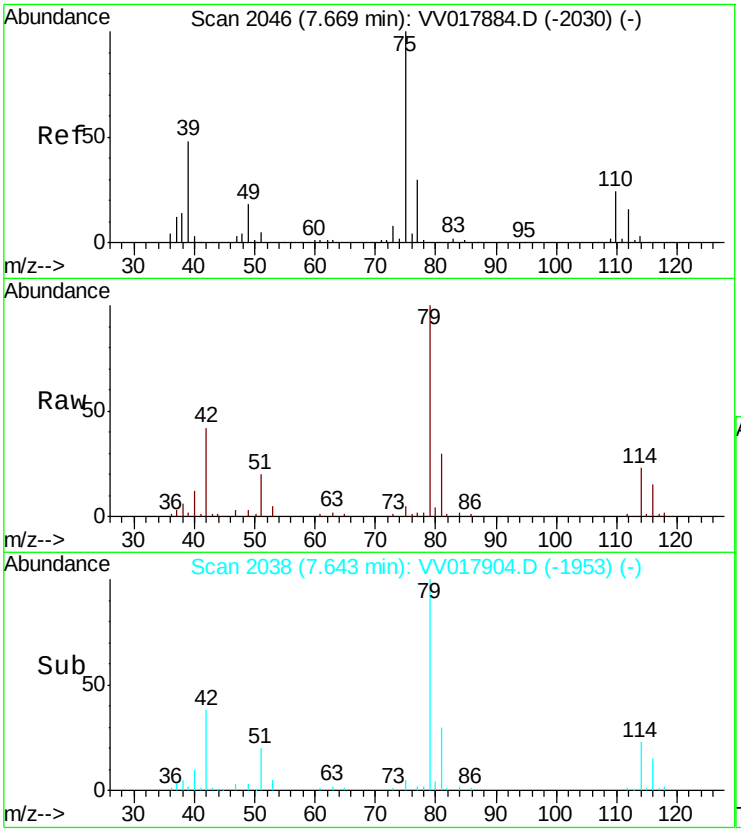


#39
cis-1,3-Dichloropropene
Concen: 1.326 ug/L
RT: 7.01 min Scan# 1840
Delta R.T. -0.04 min
Lab File: VV017904.D
Acq: 10 Aug 2020 18:27

Tgt Ion: 75 Resp: 2726

Ion	Ratio	Lower	Upper
75	100		
77	60.3	23.7	44.1#





#44
trans-1,3-Dichloropropene
Concen: 0.958 ug/L
RT: 7.64 min Scan# 2038
Delta R.T. -0.03 min
Lab File: VV017904.D
Acq: 10 Aug 2020 18:27

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 75 Resp: 2070

Ion	Ratio	Lower	Upper
75	100		
77	35.6	22.3	41.5