Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV081020\
Data File : VV017901.D
Acq On : 10 Aug 2020 16:53
Operator : SY/MD
Sample : L3608-09DL 4X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId :

Quant Time: Aug 11 02:21:27 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	241987	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	230699	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	120504	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.31	65	51162	40.94	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 81.88%			
7) Chloroethane-d5	1.58	69	46596	43.89	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 87.78%			
11) 1,1-Dichloroethene-d2	2.12	63	91145	30.35	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 60.70%			
21) 2-Butanone-d5	3.91	46	79300	101.34	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 101.34%			
24) Chloroform-d	4.37	84	147821	45.11	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 90.22%			
26) 1,2-Dichloroethane-d4	5.06	65	112595	47.29	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 94.58%			
32) Benzene-d6	5.07	84	244858	45.96	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 91.92%			
36) 1,2-Dichloropropane-d6	6.09	67	65046	48.15	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 96.30%			
41) Toluene-d8	7.34	98	239209	44.67	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 89.34%			
43) trans-1,3-Dichloropropene-	7.64	79	40003	45.99	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 91.98%			
47) 2-Hexanone-d5	8.11	63	47779	97.66	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 97.66%			
57) 1,1,2,2-Tetrachloroethane-	10.24	84	99152	47.09	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 94.18%			
64) 1,2-Dichlorobenzene-d4	11.65	152	118533	48.25	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 96.50%			
Target Compounds						Qvalue
5) Vinyl chloride	1.32	62	73106	51.706	ug/L	100
12) 1,1-Dichloroethene	2.12	96	1177	0.826	ug/L #	1
20) cis-1,2-Dichloroethene	3.94	96	14044	8.936	ug/L	97
35) Methylcyclohexane	6.09	83	21168	9.018	ug/L #	22
37) 1,2-Dichloropropane	6.09	63	10102	8.466	ug/L #	79
44) trans-1,3-Dichloropropene	7.64	75	2013	0.933	ug/L	87
48) 2-Hexanone	8.17	43	3512	2.695	ug/L #	58

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

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Quant Title : VOC Analysis
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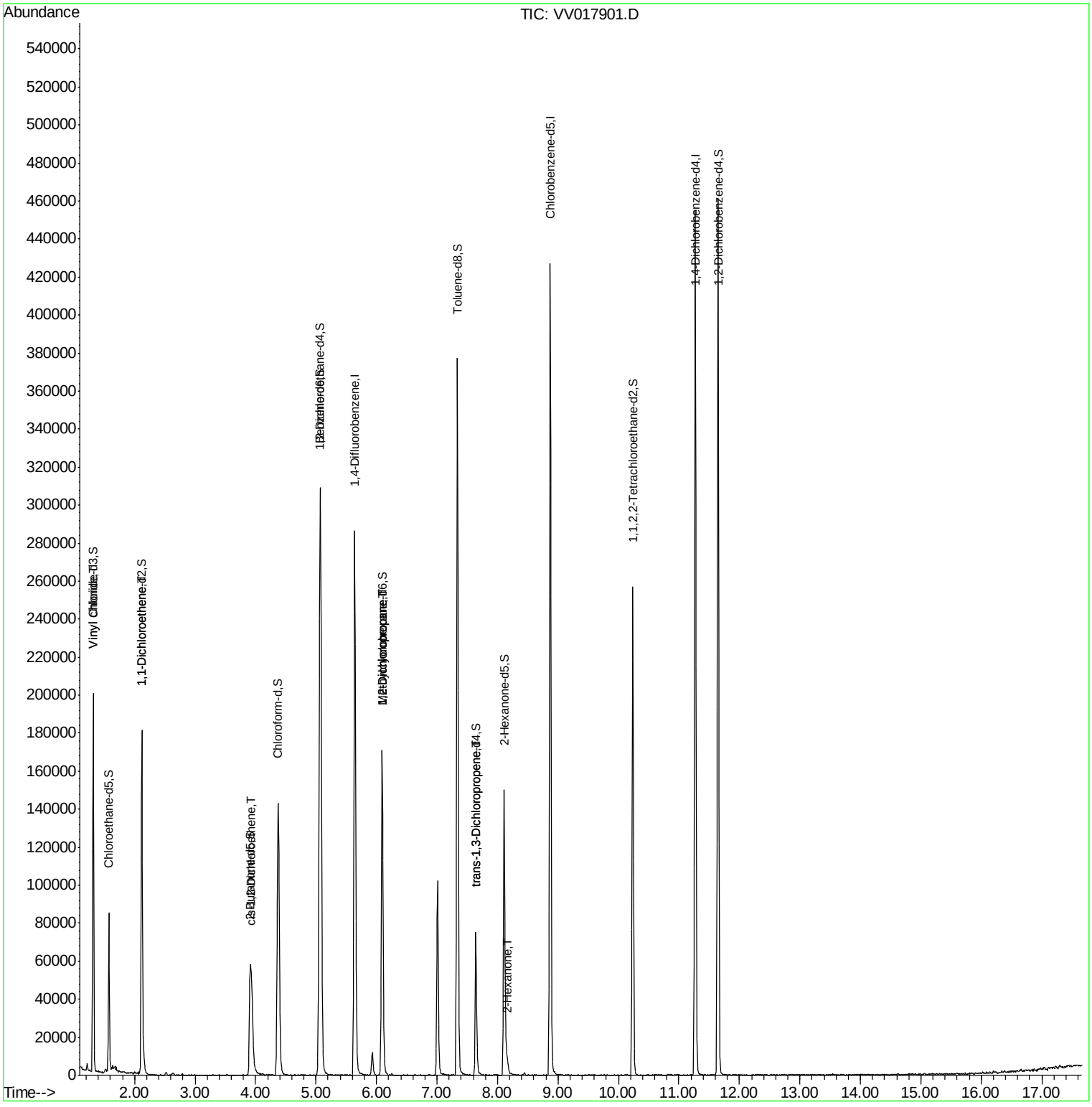
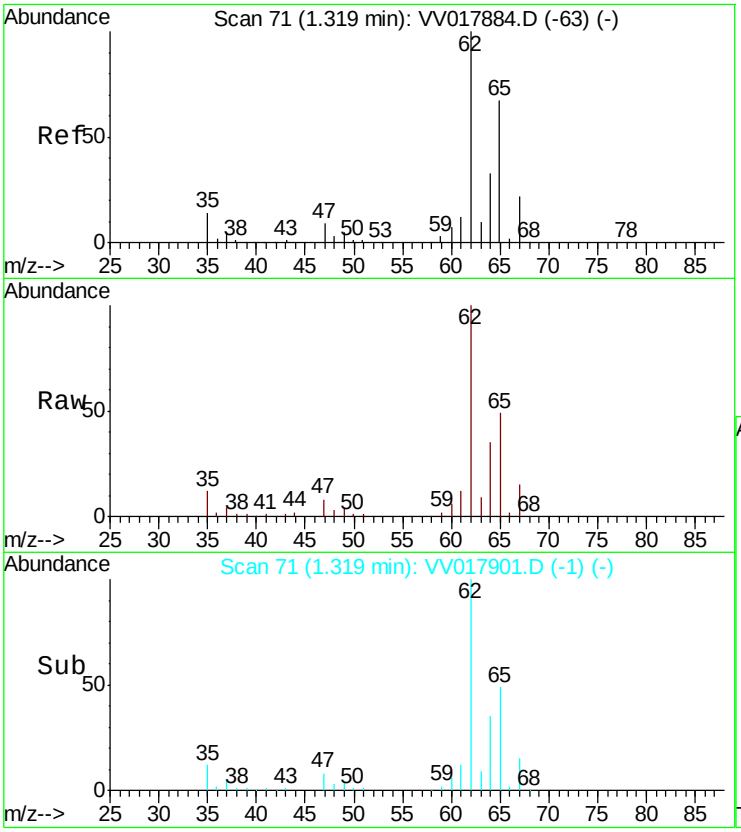


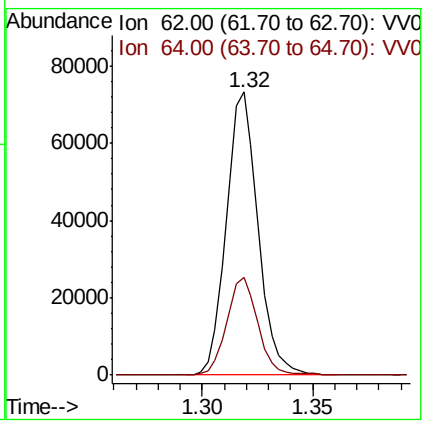


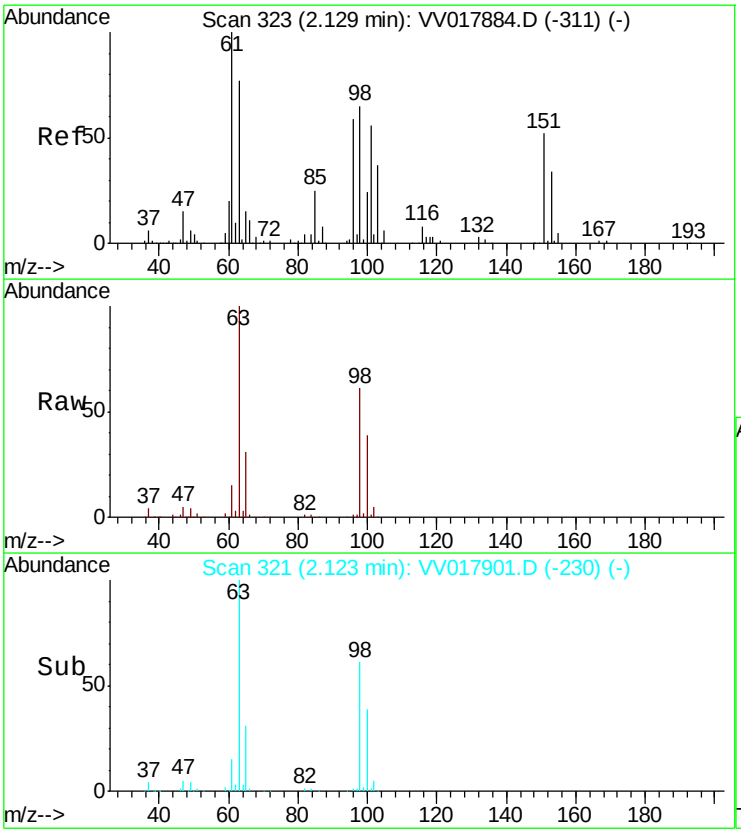
#5
Vinyl chloride
Concen: 51.706 ug/L
RT: 1.32 min Scan# 71
Delta R.T. 0.00 min
Lab File: VV017901.D
Acq: 10 Aug 2020 16:53

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 62 Resp: 73106

Ion	Ratio	Lower	Upper
62	100		
64	34.5	24.0	44.6

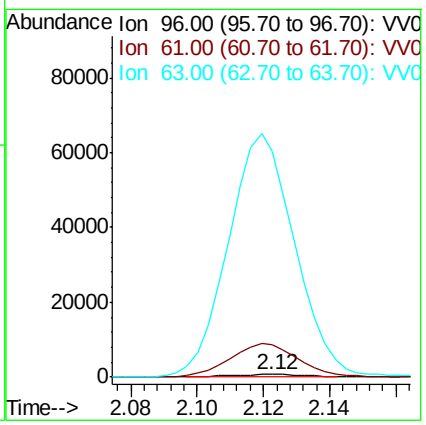


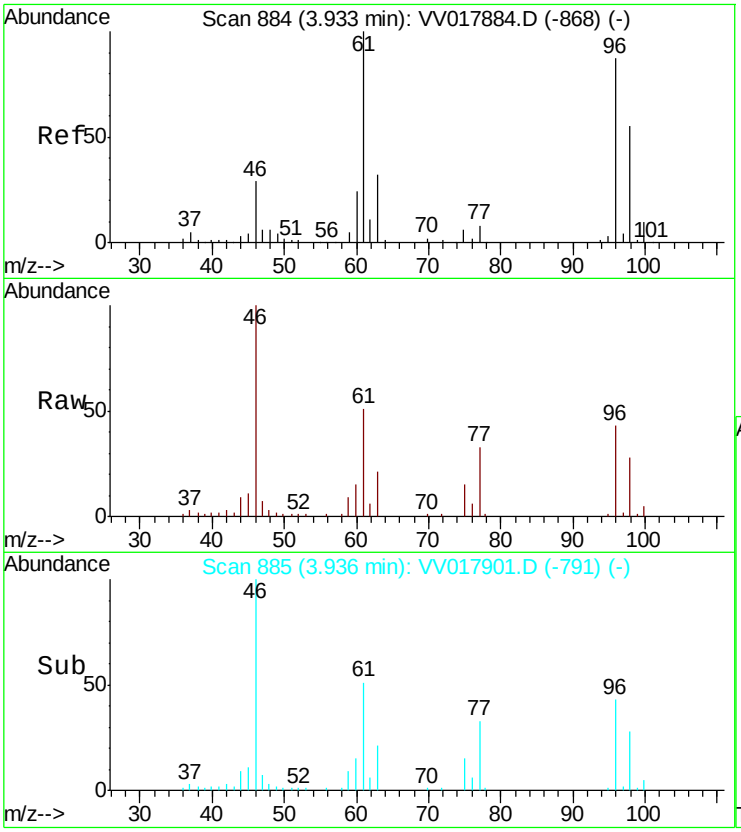


#12
1,1-Dichloroethene
Concen: 0.826 ug/L
RT: 2.12 min Scan# 321
Delta R.T. -0.01 min
Lab File: VV017901.D
Acq: 10 Aug 2020 16:53

Tgt Ion: 96 Resp: 1177

Ion	Ratio	Lower	Upper
96	100		
61	1125.8	121.1	224.9#
63	7760.4	98.1	182.1#



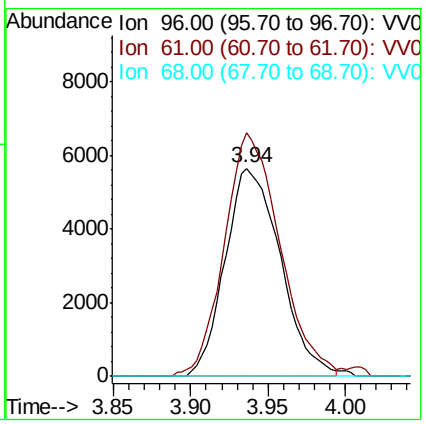


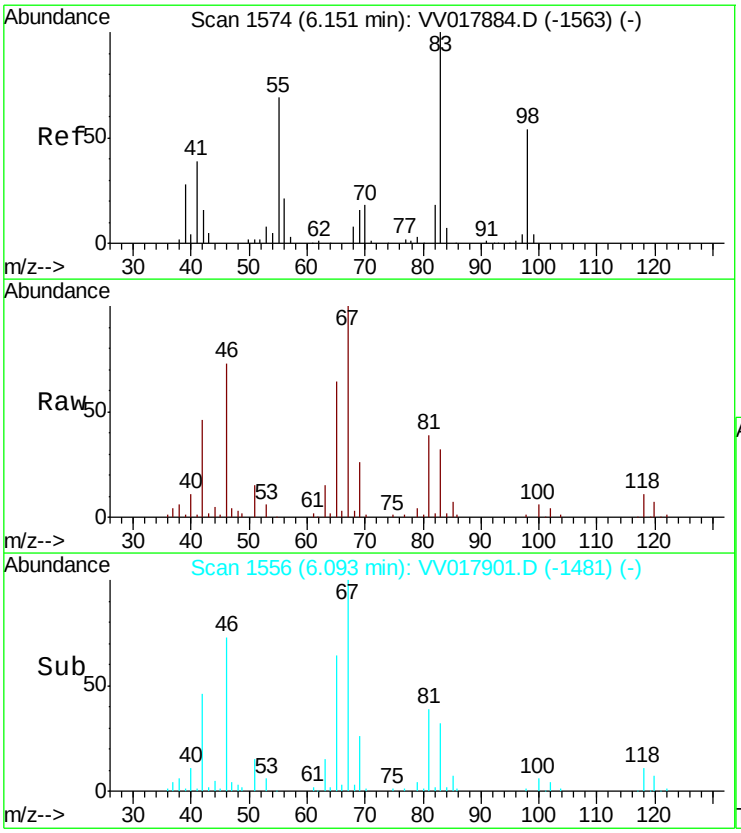
#20
cis-1,2-Dichloroethene
Concen: 8.936 ug/L
RT: 3.94 min Scan# 885
Delta R.T. 0.00 min
Lab File: VV017901.D
Acq: 10 Aug 2020 16:53

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 96 Resp: 14044

Ion	Ratio	Lower	Upper
96	100		
61	117.0	84.4	156.8
68	0.0	0.0	0.0

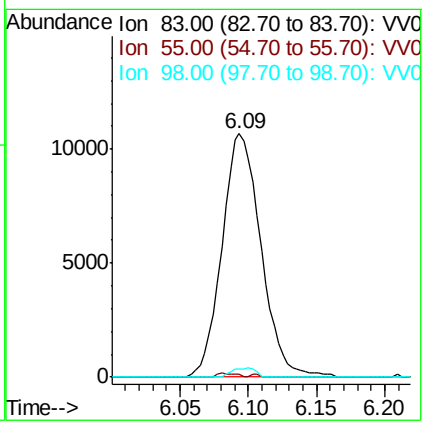


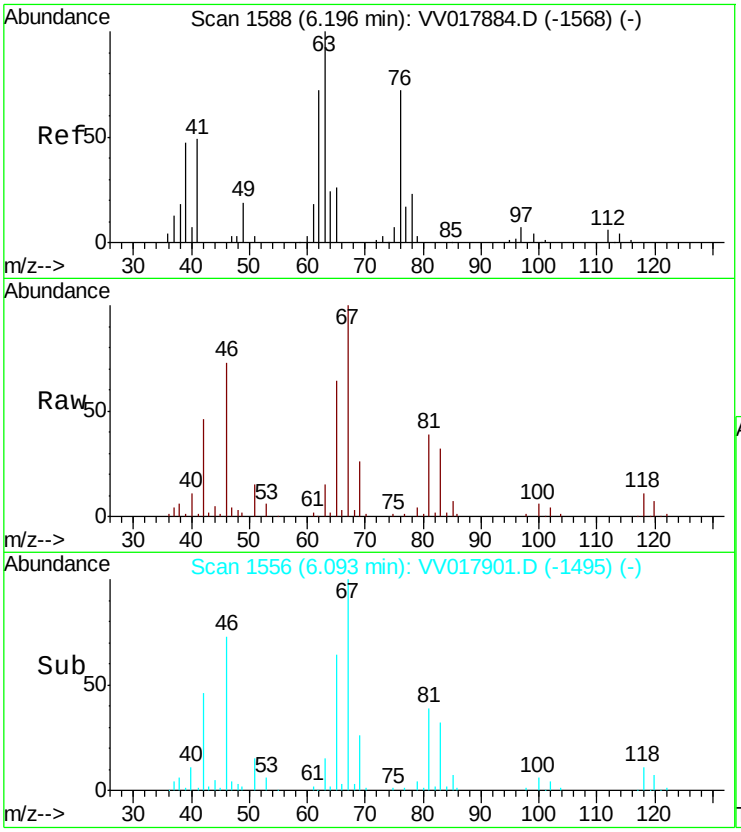


#35
Methylcyclohexane
Concen: 9.018 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.06 min
Lab File: VV017901.D
Acq: 10 Aug 2020 16:53

Tgt Ion: 83 Resp: 21168

Ion	Ratio	Lower	Upper
83	100		
55	0.2	54.6	82.0#
98	2.3	41.1	61.7#



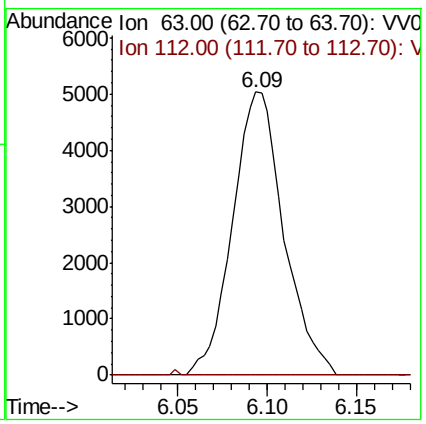


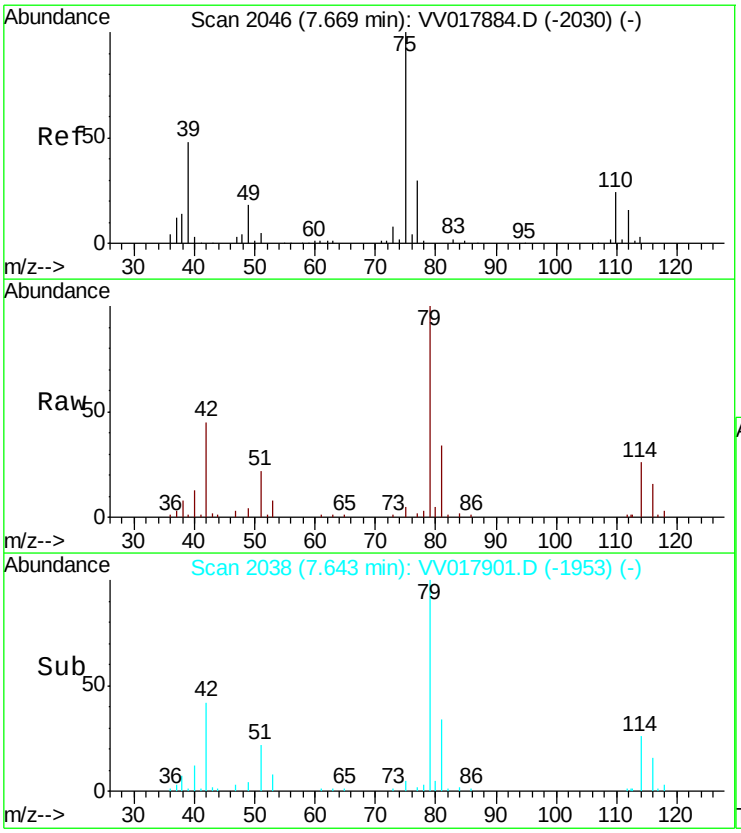
#37
1,2-Dichloropropane
Concen: 8.466 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.10 min
Lab File: VV017901.D
Acq: 10 Aug 2020 16:53

Instrument : MSVOA_V
ClientSampleId :

Tgt Ion: 63 Resp: 10102

Ion	Ratio	Lower	Upper
63	100		
112	0.0	5.8	8.6#

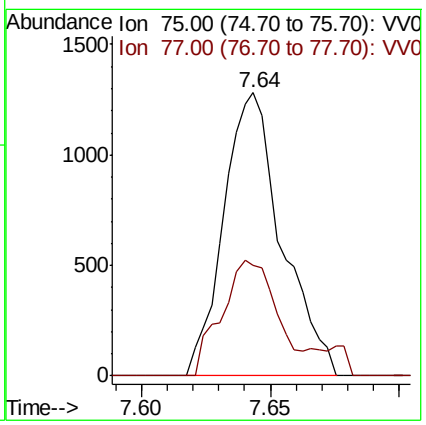


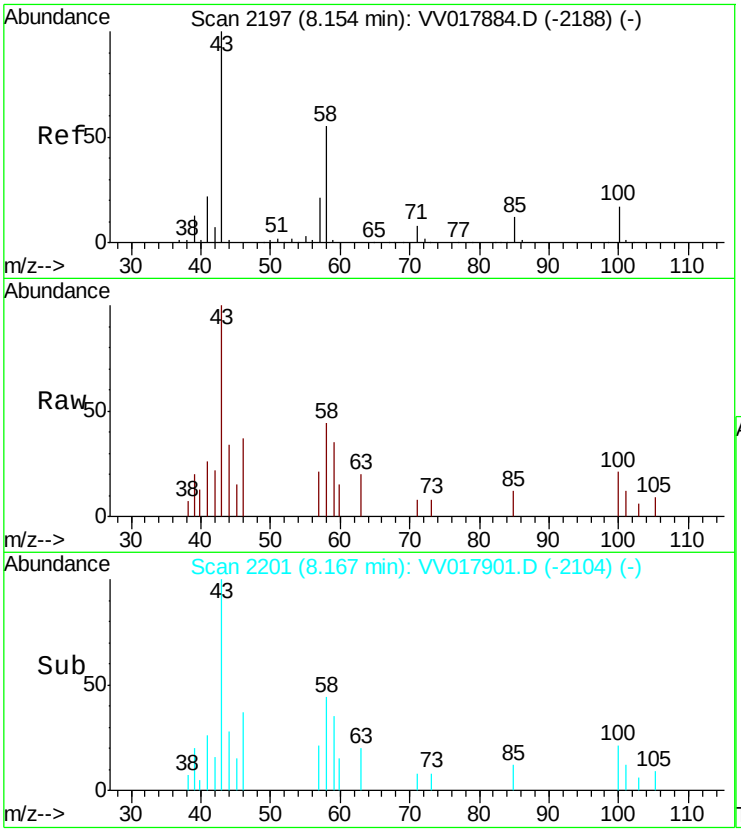


#44
trans-1,3-Dichloropropene
Concen: 0.933 ug/L
RT: 7.64 min Scan# 2038
Delta R.T. -0.03 min
Lab File: VV017901.D
Acq: 10 Aug 2020 16:53

Tgt Ion: 75 Resp: 2013

Ion	Ratio	Lower	Upper
75	100		
77	39.2	22.3	41.5





#48
2-Hexanone
Concen: 2.695 ug/L
RT: 8.17 min Scan# 2201
Delta R.T. 0.01 min
Lab File: VV017901.D
Acq: 10 Aug 2020 16:53

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 3512

Ion	Ratio	Lower	Upper
43	100		
58	8.5	43.8	65.8#
57	13.6	18.0	27.0#
100	16.5	13.8	20.8