Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV111618\

Quantitation Report (Not Reviewed)

Data File : VV008576.D
Acq On : 16 Nov 2018 10:43
Operator : SY/MD
Sample : J5944-09
Misc : 5.90g/5.0mL/100uL/5.0 mL/MSVOA_V/MEOH
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETHT1

Quant Time: Nov 16 23:21:02 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM111518WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Nov 16 23:18:19 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	281223	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	237804	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	98217	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	84426	46.13	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 92.26%			
7) Chloroethane-d5	1.57	69	28733	22.86	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 45.72%#			
11) 1,1-Dichloroethene-d2	2.11	63	107223	33.27	ug/L	-0.02
Spiked Amount 50.000	Range 60 - 125		Recovery = 66.54%			
21) 2-Butanone-d5	3.95	46	136691	86.02	ug/L	0.01
Spiked Amount 100.000	Range 40 - 130		Recovery = 86.02%			
24) Chloroform-d	4.40	84	188132	46.03	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 92.06%			
26) 1,2-Dichloroethane-d4	5.08	65	126066	47.86	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 95.72%			
32) Benzene-d6	5.10	84	381296	49.30	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 98.60%			
36) 1,2-Dichloropropane-d6	6.12	67	125724	50.55	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 101.10%			
41) Toluene-d8	7.36	98	322593	46.33	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 92.66%			
43) trans-1,3-Dichloropropene-	7.67	79	55692	46.40	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 92.80%			
47) 2-Hexanone-d5	8.15	63	108381	102.06	ug/L	0.01
Spiked Amount 100.000	Range 45 - 130		Recovery = 102.06%			
57) 1,1,2,2-Tetrachloroethane-	10.27	84	152126	47.95	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 95.90%			
64) 1,2-Dichlorobenzene-d4	11.68	152	105796	47.21	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 94.42%			
Target Compounds						Qvalue
9) Trichlorofluoromethane	2.11	101	978	0.373	ug/L #	37
10) 1,1,2-Trichloro-1,2,2-trif	2.11	101	978	0.654	ug/L #	21
12) 1,1-Dichloroethene	2.11	96	1126	0.843	ug/L #	1
16) Methylene chloride	2.53	84	2056	0.960	ug/L	80
35) Methylcyclohexane	6.12	83	28976	8.504	ug/L #	17
37) 1,2-Dichloropropane	6.12	63	13074	6.330	ug/L #	88
39) cis-1,3-Dichloropropene	7.03	75	3210	1.017	ug/L #	64
44) trans-1,3-Dichloropropene	7.67	75	2634	0.909	ug/L #	46

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

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Quantitation Report (Not Reviewed)

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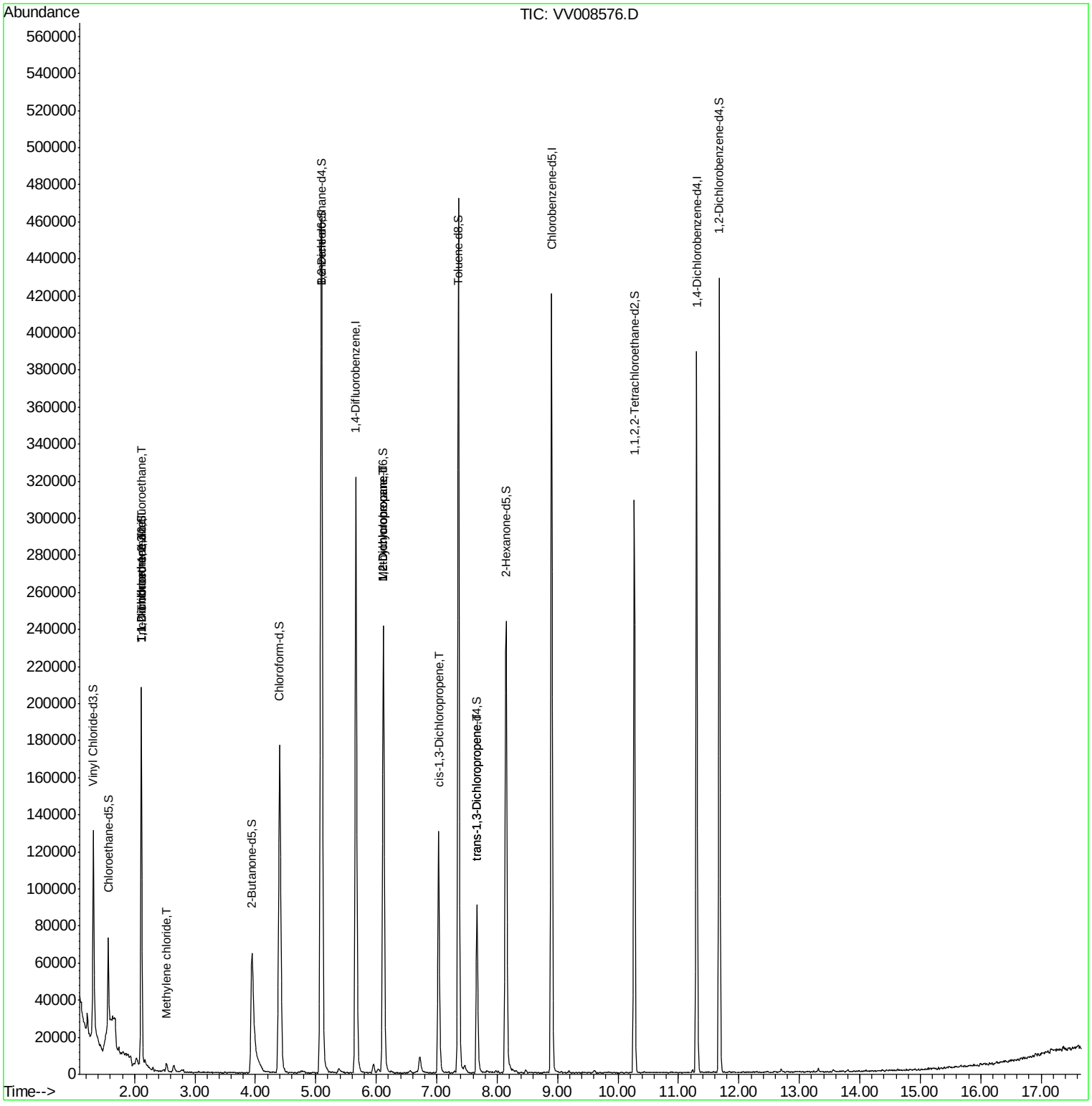
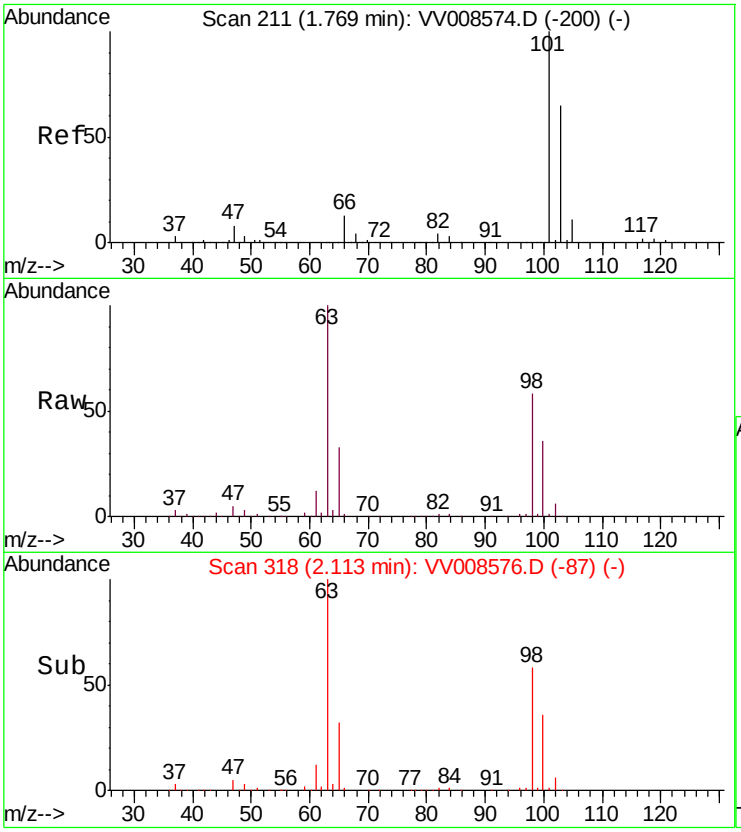
Quant Title : VOC Analysis
QLast Update : Fri Nov 16 23:18:19 2018
Response via : Initial Calibration



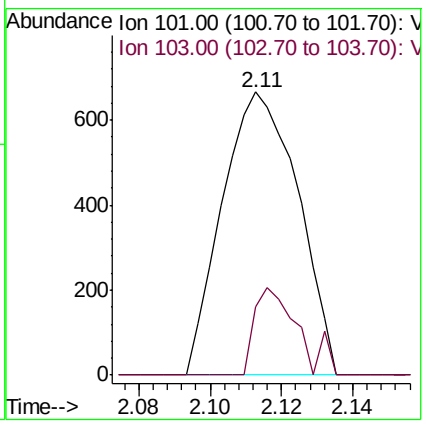


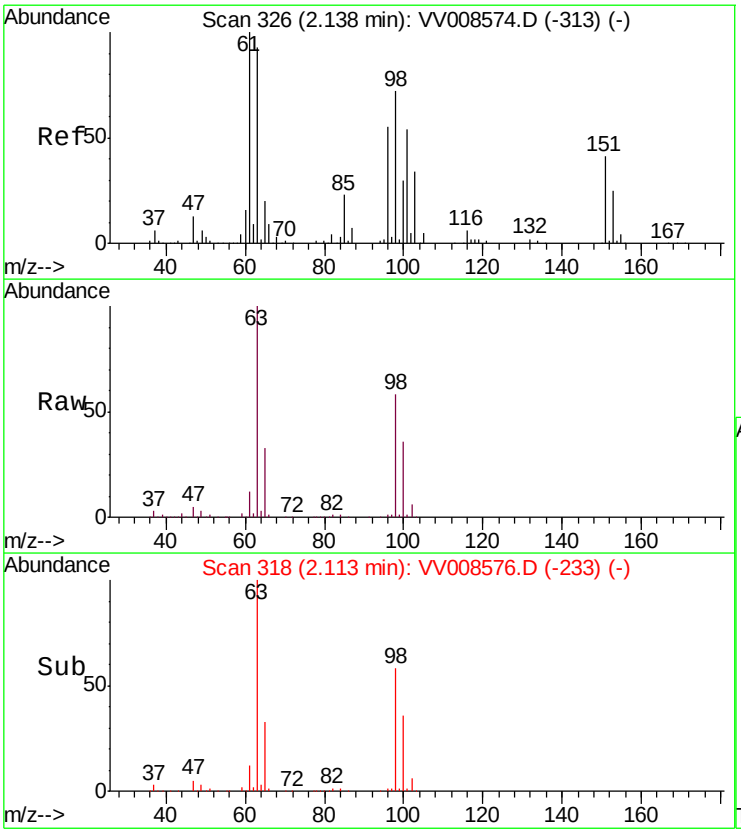
#9
Trichlorofluoromethane
Concen: 0.373 ug/L
RT: 2.11 min Scan# 318
Delta R.T. 0.34 min
Lab File: VV008576.D
Acq: 16 Nov 2018 10:43

Instrument :
MSVOA_V
ClientSampleId :
ETHT1

Tgt Ion:101 Resp: 978

Ion	Ratio	Lower	Upper
101	100		
103	15.7	52.5	78.7#

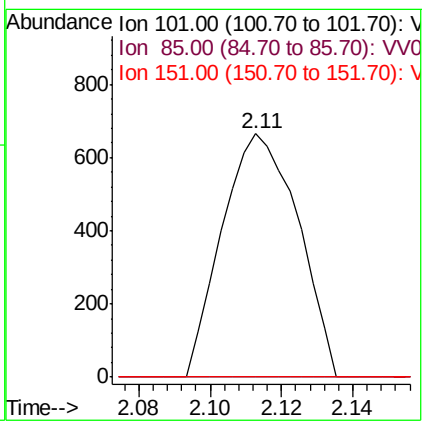


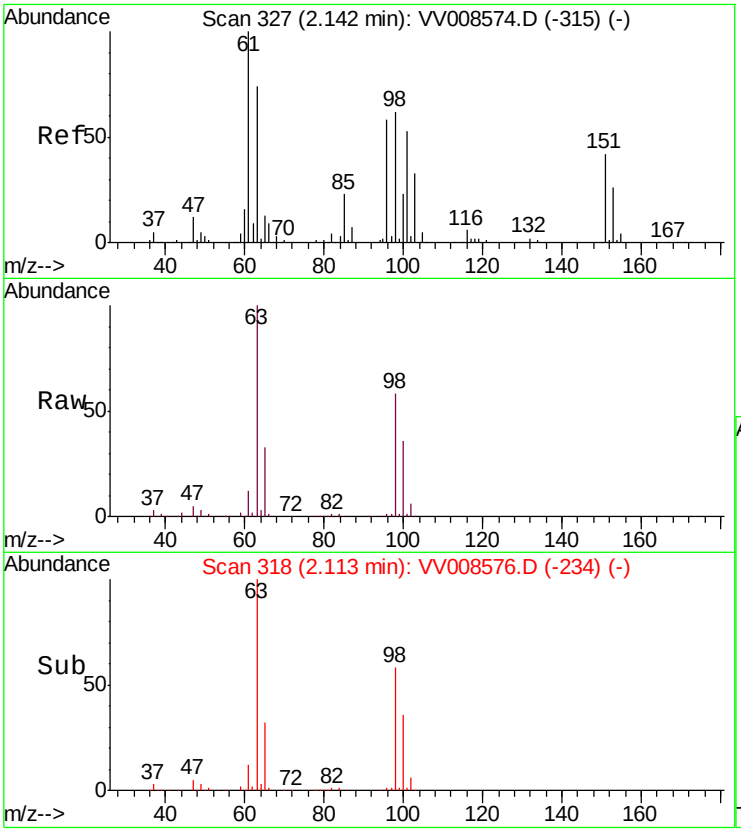


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.654 ug/L
RT: 2.11 min Scan# 318
Delta R.T. -0.03 min
Lab File: VV008576.D
Acq: 16 Nov 2018 10:43

Tgt Ion:101 Resp: 978

Ion	Ratio	Lower	Upper
101	100		
85	4.3	35.7	53.5#
151	0.0	60.9	91.3#



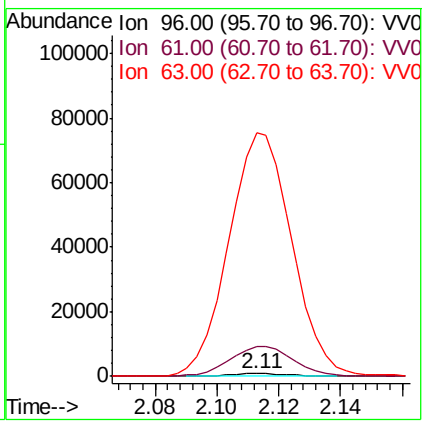


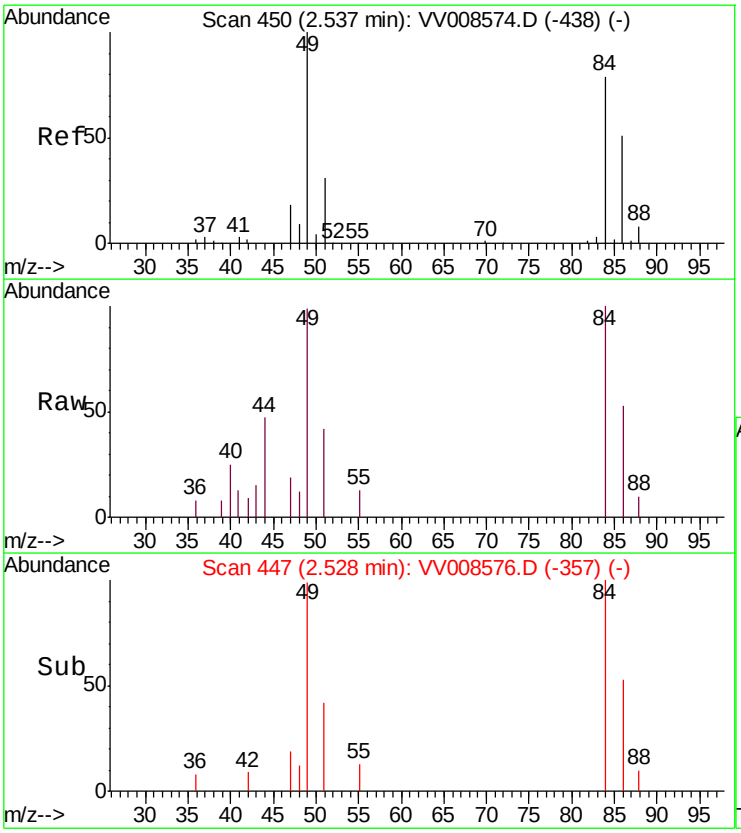
#12
1,1-Dichloroethene
Concen: 0.843 ug/L
RT: 2.11 min Scan# 318
Delta R.T. -0.03 min
Lab File: VV008576.D
Acq: 16 Nov 2018 10:43

Instrument :
MSVOA_V
ClientSampleId :
ETHT1

Tgt Ion: 96 Resp: 1126

Ion	Ratio	Lower	Upper
96	100		
61	1100.8	125.6	233.2#
63	8978.1	108.3	201.1#

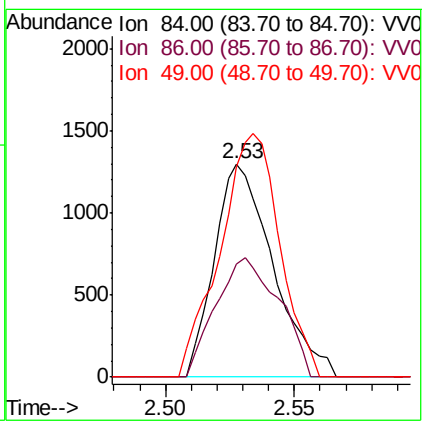


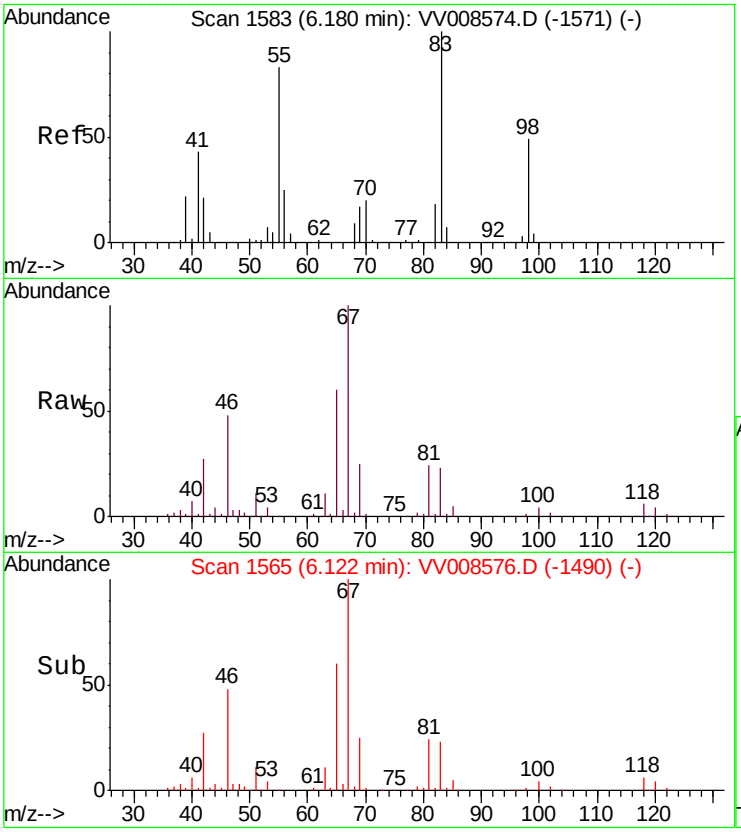


#16
Methylene chloride
Concen: 0.960 ug/L
RT: 2.53 min Scan# 447
Delta R.T. -0.01 min
Lab File: VV008576.D
Acq: 16 Nov 2018 10:43

Tgt Ion: 84 Resp: 2056

Ion	Ratio	Lower	Upper
84	100		
86	53.2	44.8	83.2
49	98.6	88.1	163.7



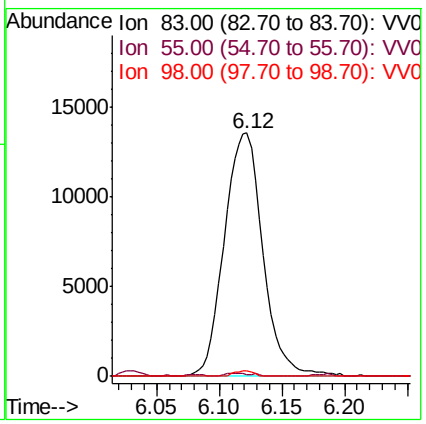


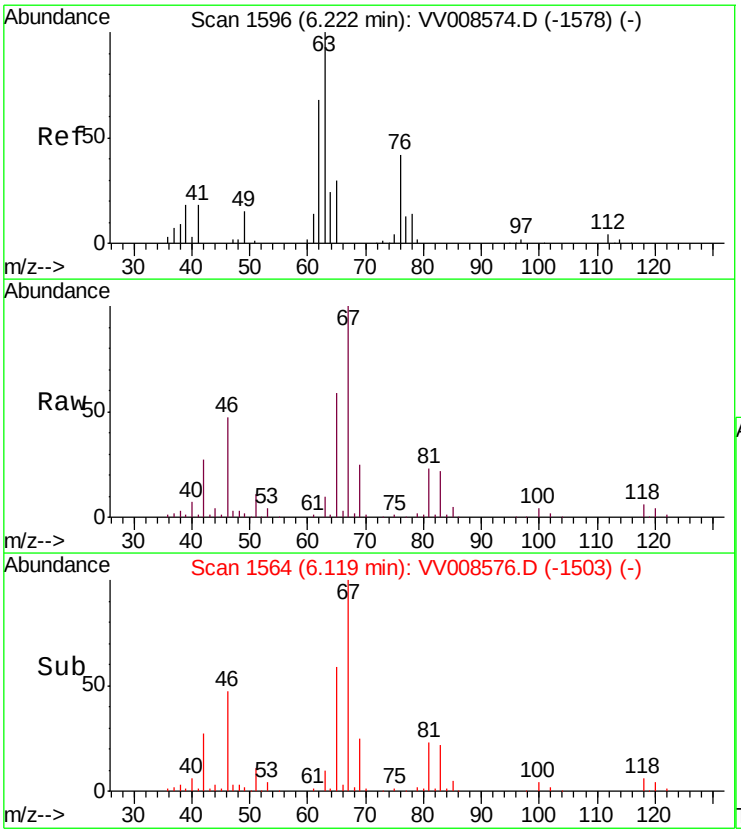
#35
Methylcyclohexane
Concen: 8.504 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.06 min
Lab File: VV008576.D
Acq: 16 Nov 2018 10:43

Instrument :
MSVOA_V
ClientSampleId :
ETHT1

Tgt Ion: 83 Resp: 28976

Ion	Ratio	Lower	Upper
83	100		
55	0.2	65.5	98.3#
98	1.1	37.9	56.9#

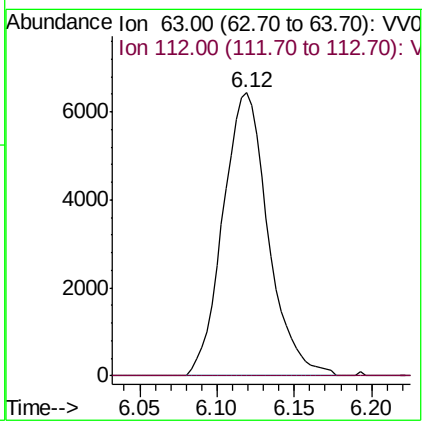


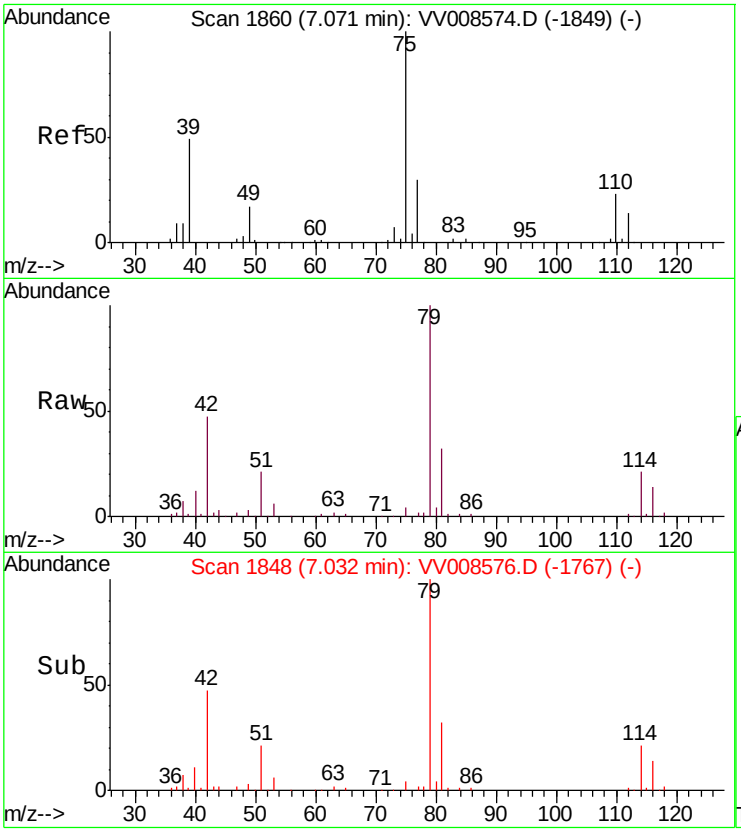


#37
1,2-Dichloropropane
Concen: 6.330 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.10 min
Lab File: VV008576.D
Acq: 16 Nov 2018 10:43

Tgt Ion: 63 Resp: 13074

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.1	4.7#



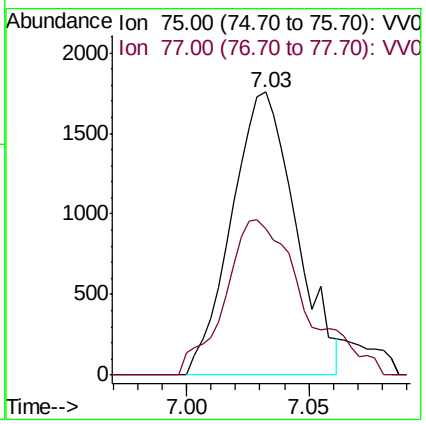


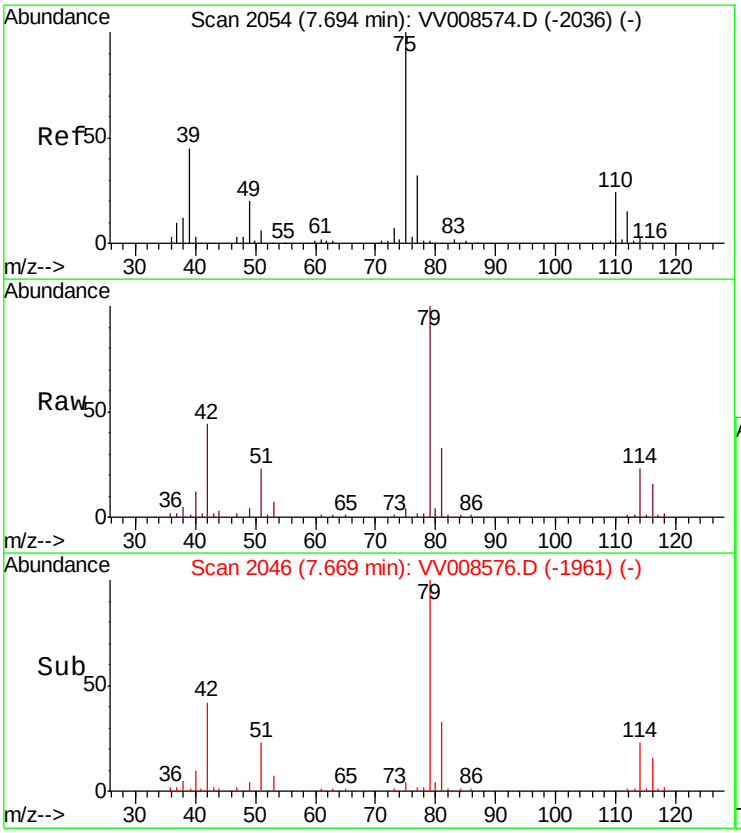
#39
cis-1,3-Dichloropropene
Concen: 1.017 ug/L
RT: 7.03 min Scan# 1848
Delta R.T. -0.04 min
Lab File: VV008576.D
Acq: 16 Nov 2018 10:43

Instrument :
MSVOA_V
ClientSampleId :
ETHT1

Tgt Ion: 75 Resp: 3210

Ion	Ratio	Lower	Upper
75	100		
77	51.8	22.1	41.1#





#44
trans-1,3-Dichloropropene
Concen: 0.909 ug/L
RT: 7.67 min Scan# 2046
Delta R.T. -0.03 min
Lab File: VV008576.D
Acq: 16 Nov 2018 10:43

Tgt Ion: 75 Resp: 2634

Ion	Ratio	Lower	Upper
75	100		
77	60.8	21.8	40.6#