Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV103018\

Quantitation Report (Not Reviewed)

Data File : VV008474.D
Acq On : 30 Oct 2018 17:47
Operator : SY/MD
Sample : J5669-12
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VHBLK01

Quant Time: Oct 31 07:18:01 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102318WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Oct 31 07:14:32 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	181130	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	162814	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	69013	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	50767	50.62	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 101.24%			
7) Chloroethane-d5	1.56	69	36930	51.00	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 102.00%			
11) 1,1-Dichloroethene-d2	2.13	63	69025	38.11	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 76.22%			
21) 2-Butanone-d5	3.94	46	104462	95.84	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 95.84%			
24) Chloroform-d	4.41	84	119715	48.40	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 96.80%			
26) 1,2-Dichloroethane-d4	5.09	65	82705	50.01	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 100.02%			
32) Benzene-d6	5.10	84	246343	53.09	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 106.18%			
36) 1,2-Dichloropropane-d6	6.12	67	83178	51.65	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 103.30%			
41) Toluene-d8	7.36	98	221983	52.69	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 105.38%			
43) trans-1,3-Dichloropropene-	7.67	79	38618	49.36	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 98.72%			
47) 2-Hexanone-d5	8.14	63	81101	96.44	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 96.44%			
57) 1,1,2,2-Tetrachloroethane-	10.27	84	109974	50.42	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 100.84%			
64) 1,2-Dichlorobenzene-d4	11.68	152	73895	52.34	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 104.68%			
Target Compounds						Qvalue
9) Trichlorofluoromethane	2.13	101	684	0.414	ug/L #	18
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	684	0.792	ug/L #	20
12) 1,1-Dichloroethene	2.13	96	556	0.684	ug/L #	1
35) Methylcyclohexane	6.12	83	18893	8.156	ug/L #	17
37) 1,2-Dichloropropane	6.12	63	9328	6.346	ug/L #	89
39) cis-1,3-Dichloropropene	7.03	75	2504	1.084	ug/L	83
44) trans-1,3-Dichloropropene	7.67	75	1670	0.772	ug/L #	75

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

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Quant Time: Oct 31 07:18:01 2018
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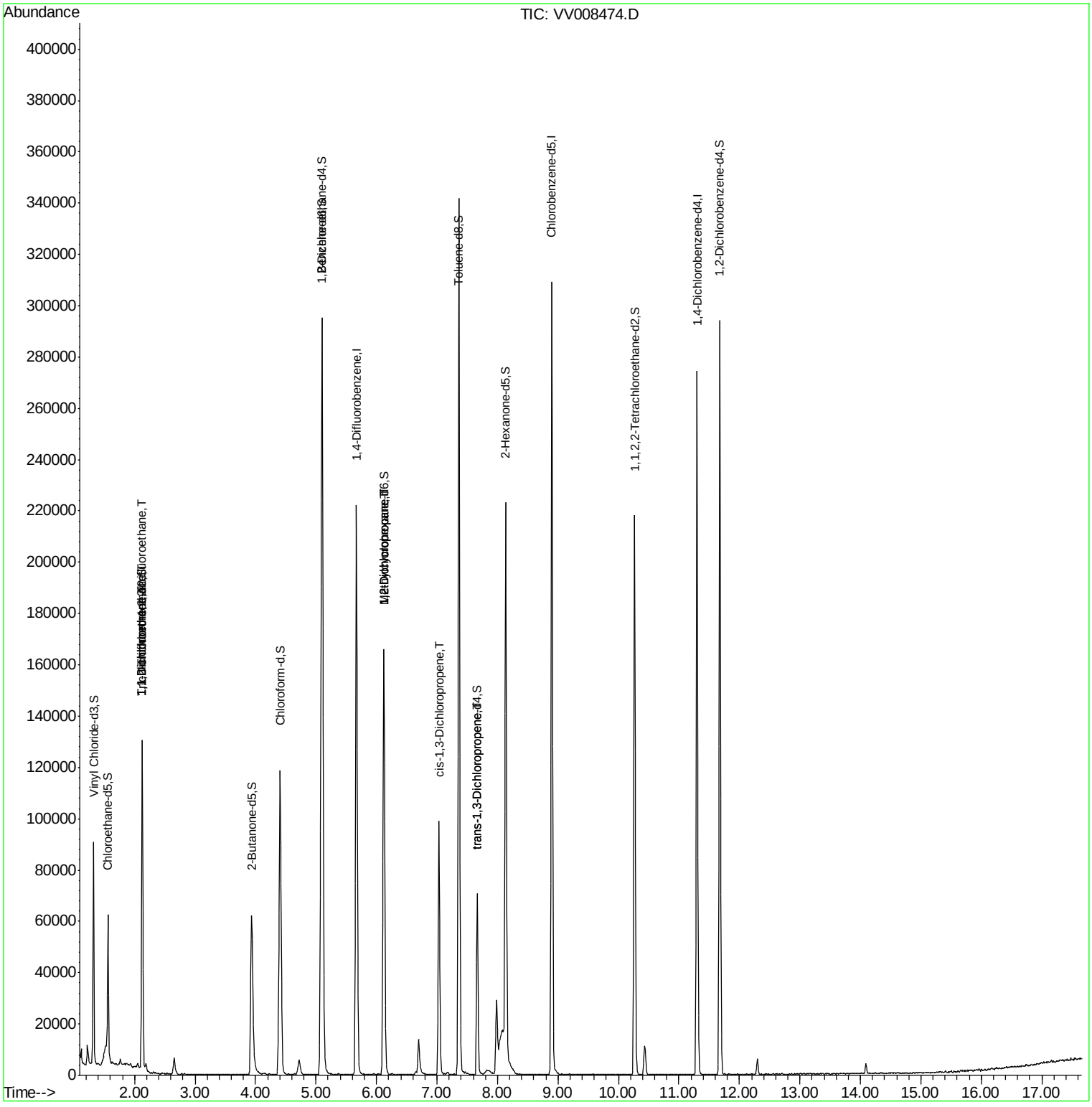
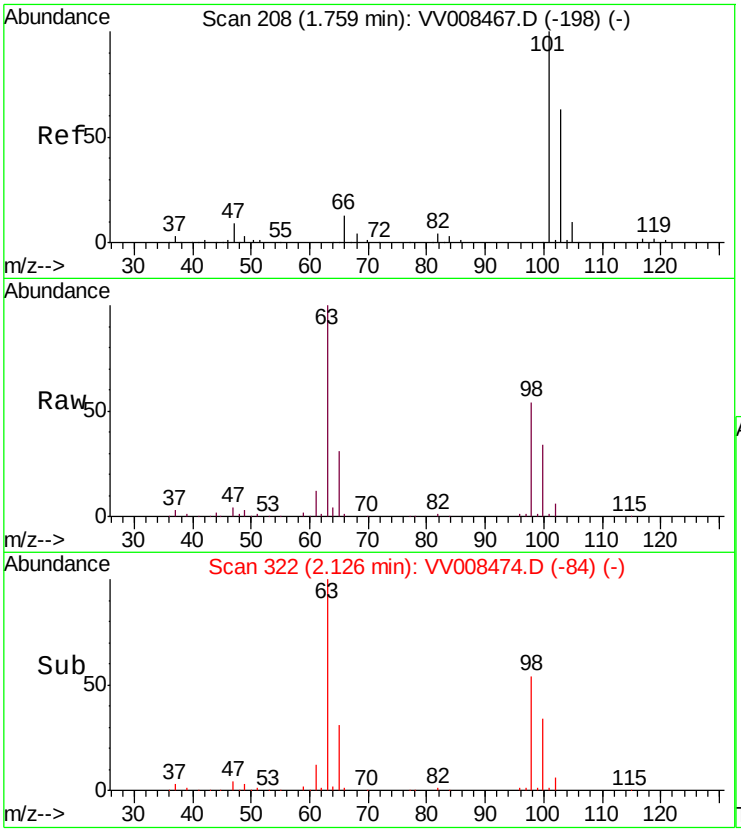
Quant Title : VOC Analysis
QLast Update : Wed Oct 31 07:14:32 2018
Response via : Initial Calibration



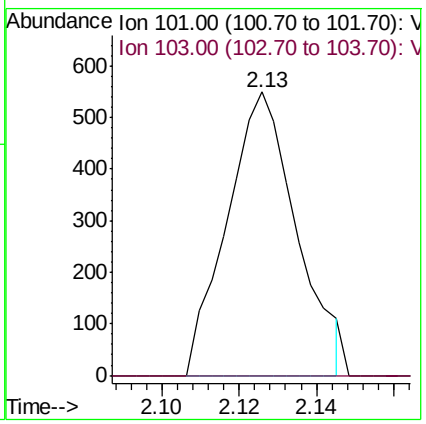


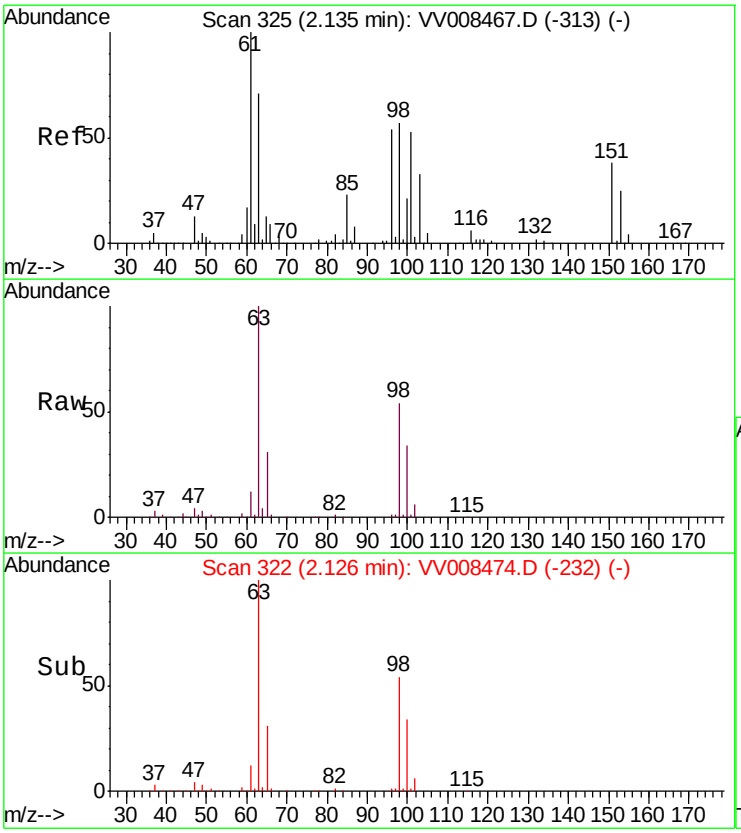
#9
Trichlorofluoromethane
Concen: 0.414 ug/L
RT: 2.13 min Scan# 322
Delta R.T. 0.37 min
Lab File: VV008474.D
Acq: 30 Oct 2018 17:47

Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

Tgt Ion:101 Resp: 684

Ion	Ratio	Lower	Upper
101	100		
103	0.0	51.0	76.6#

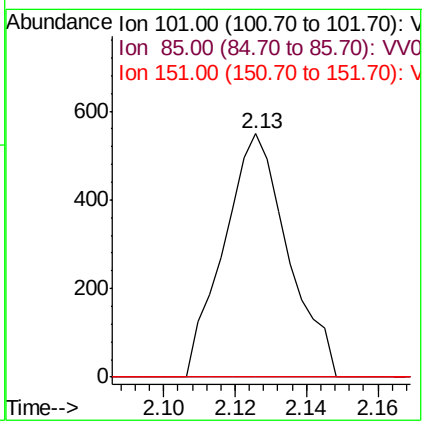


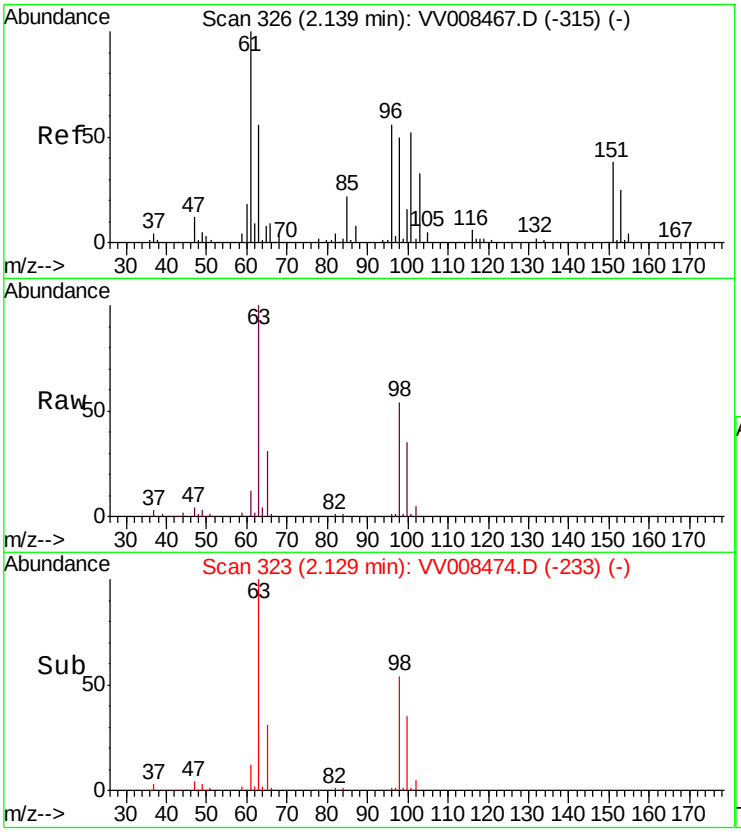


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.792 ug/L
RT: 2.13 min Scan# 322
Delta R.T. -0.01 min
Lab File: VV008474.D
Acq: 30 Oct 2018 17:47

Tgt Ion:101 Resp: 684

Ion	Ratio	Lower	Upper
101	100		
85	0.0	35.6	53.4#
151	0.0	58.1	87.1#



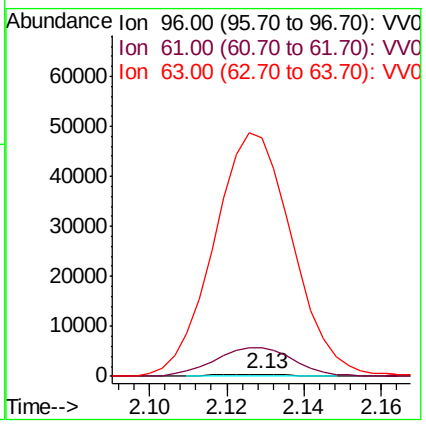


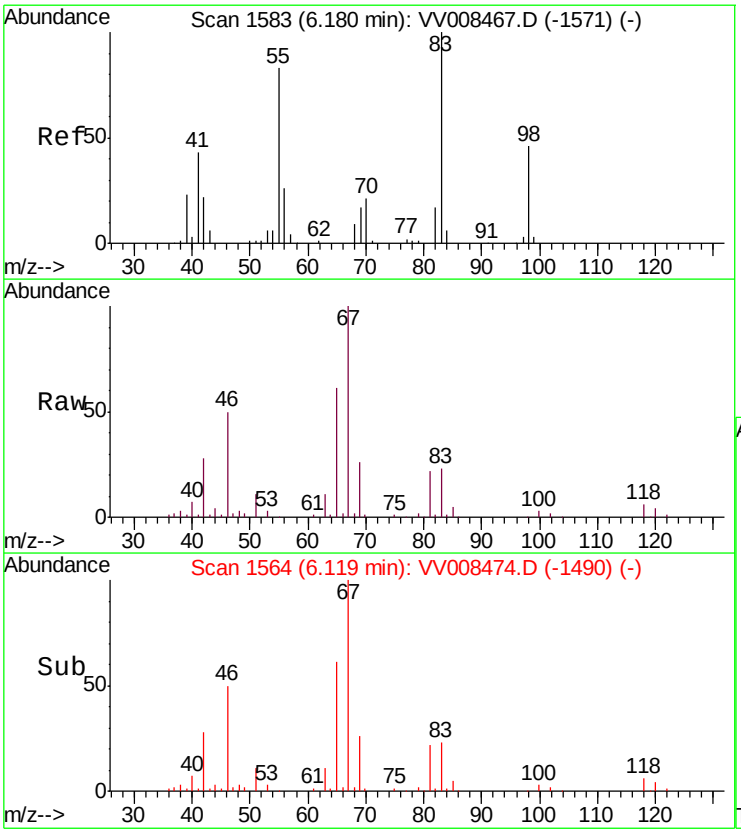
#12
1,1-Dichloroethene
Concen: 0.684 ug/L
RT: 2.13 min Scan# 323
Delta R.T. -0.01 min
Lab File: VV008474.D
Acq: 30 Oct 2018 17:47

Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

Tgt Ion: 96 Resp: 556

Ion	Ratio	Lower	Upper
96	100		
61	1622.0	130.3	242.1#
63	13270.2	84.4	156.8#

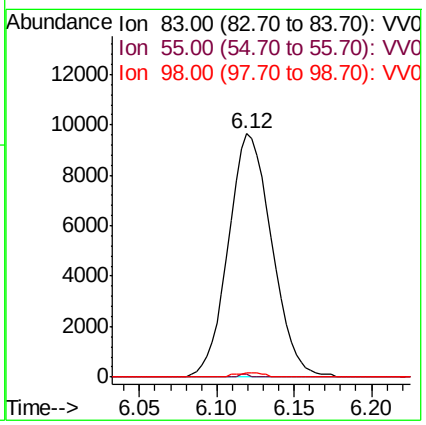


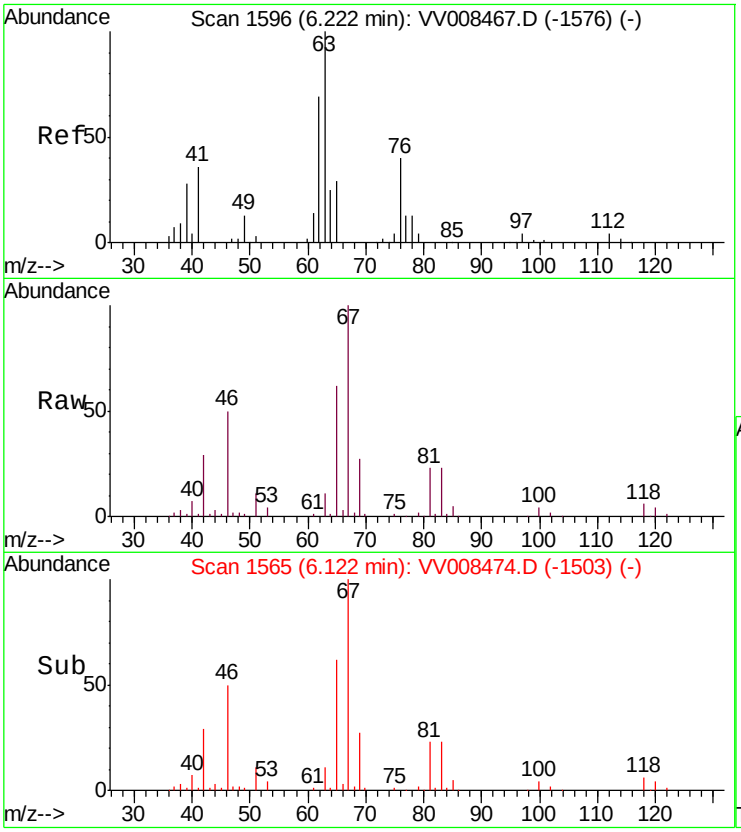


#35
Methylcyclohexane
Concen: 8.156 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.06 min
Lab File: VV008474.D
Acq: 30 Oct 2018 17:47

Tgt Ion: 83 Resp: 18893

Ion	Ratio	Lower	Upper
83	100		
55	0.2	65.0	97.4#
98	1.1	36.0	54.0#



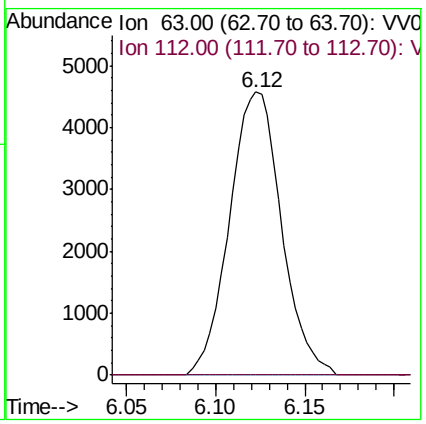


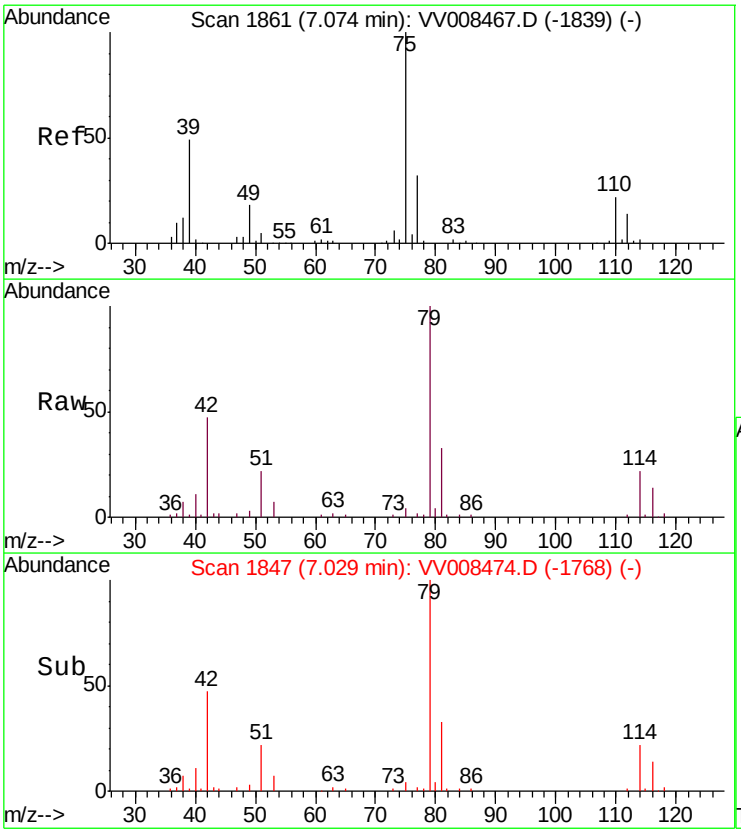
#37
1,2-Dichloropropane
Concen: 6.346 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.10 min
Lab File: VV008474.D
Acq: 30 Oct 2018 17:47

Instrument : MSVOA_V
ClientSampleId : VHBLK01

Tgt Ion: 63 Resp: 9328

Ion	Ratio	Lower	Upper
63	100		
112	0.0	2.9	4.3#

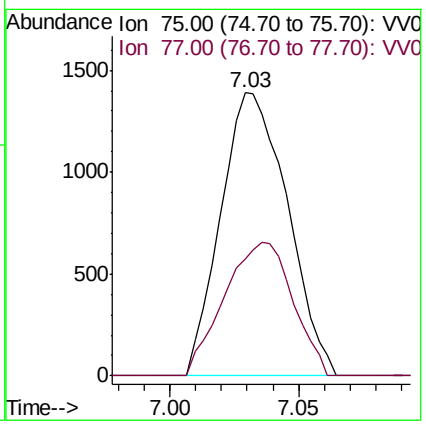


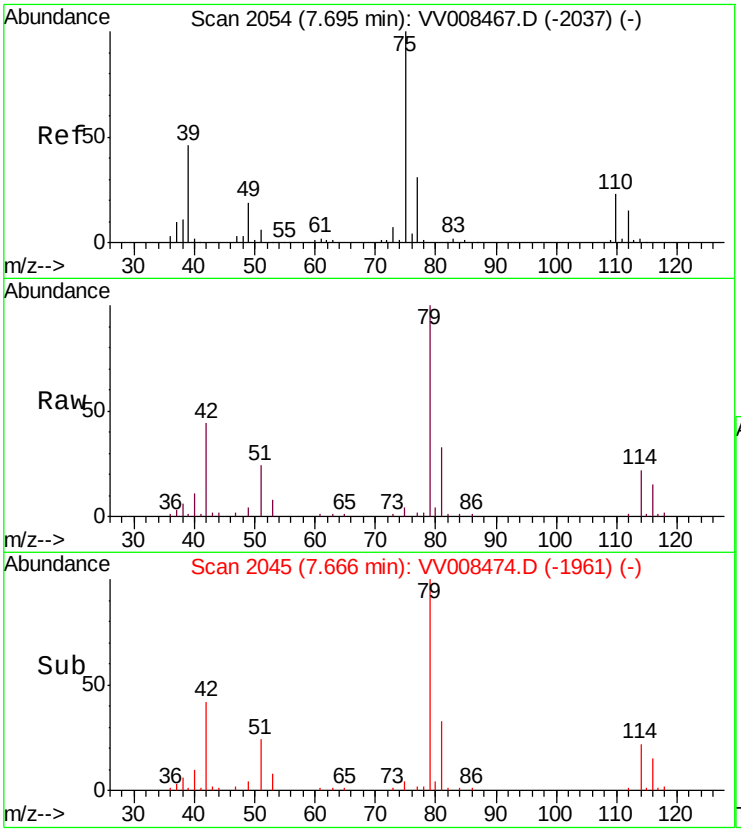


#39
cis-1,3-Dichloropropene
Concen: 1.084 ug/L
RT: 7.03 min Scan# 1847
Delta R.T. -0.04 min
Lab File: VV008474.D
Acq: 30 Oct 2018 17:47

Tgt Ion: 75 Resp: 2504

Ion	Ratio	Lower	Upper
75	100		
77	41.5	22.6	42.0





#44
trans-1,3-Dichloropropene
Concen: 0.772 ug/L
RT: 7.67 min Scan# 2045
Delta R.T. -0.03 min
Lab File: VV008474.D
Acq: 30 Oct 2018 17:47

Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

Tgt Ion: 75 Resp: 1670

Ion	Ratio	Lower	Upper
75	100		
77	44.7	21.8	40.4#