Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV102618\

Quantitation Report (Not Reviewed)

Data File : VV008423.D
Acq On : 26 Oct 2018 11:07
Operator : SY/MD
Sample : VV1026WBL01
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VBLK76

Quant Time: Oct 27 04:45:09 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102318WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Oct 27 04:42:32 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	229274	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	205863	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	84592	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	64410	50.74	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 101.48%			
7) Chloroethane-d5	1.58	69	51051	55.70	ug/L	0.02
Spiked Amount 50.000	Range 70 - 130		Recovery = 111.40%			
11) 1,1-Dichloroethene-d2	2.13	63	90723	39.57	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 79.14%			
21) 2-Butanone-d5	3.93	46	134478	97.47	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 97.47%			
24) Chloroform-d	4.40	84	150357	48.02	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 96.04%			
26) 1,2-Dichloroethane-d4	5.08	65	105652	50.47	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 100.94%			
32) Benzene-d6	5.10	84	314072	53.54	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 107.08%			
36) 1,2-Dichloropropane-d6	6.12	67	106877	52.48	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 104.96%			
41) Toluene-d8	7.36	98	288315	54.13	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 108.26%			
43) trans-1,3-Dichloropropene-	7.67	79	51705	52.26	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 104.52%			
47) 2-Hexanone-d5	8.13	63	96434	90.69	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 90.69%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	134062	48.61	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 97.22%			
64) 1,2-Dichlorobenzene-d4	11.68	152	90735	52.44	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 104.88%			
Target Compounds						Qvalue
9) Trichlorofluoromethane	2.13	101	859	0.411	ug/L #	42
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	880	0.805	ug/L #	20
12) 1,1-Dichloroethene	2.13	96	828	0.805	ug/L #	1
35) Methylcyclohexane	6.12	83	24565	8.387	ug/L #	18
37) 1,2-Dichloropropane	6.12	63	11374	6.120	ug/L #	89
39) cis-1,3-Dichloropropene	7.03	75	3145	1.076	ug/L #	71

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

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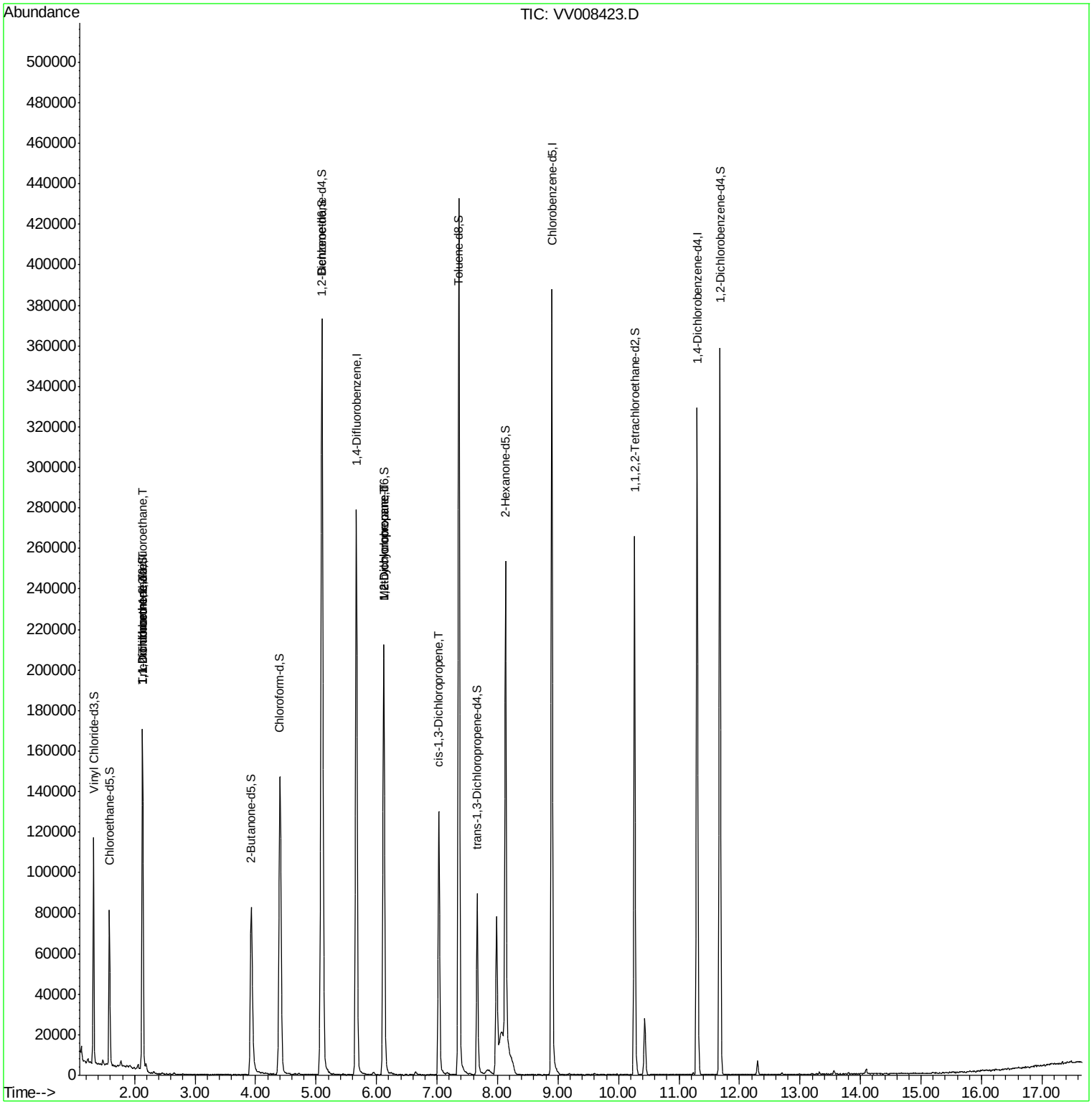
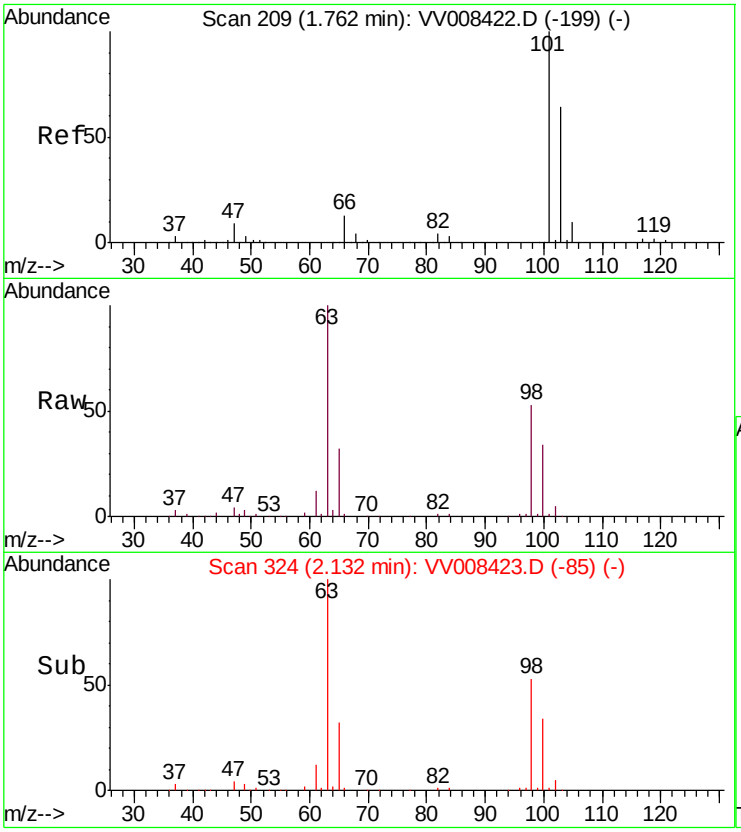
Quant Title : VOC Analysis
QLast Update : Sat Oct 27 04:42:32 2018
Response via : Initial Calibration



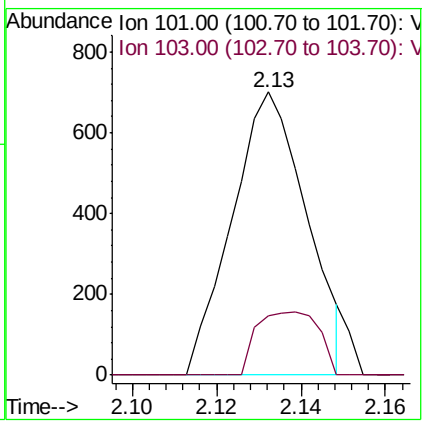


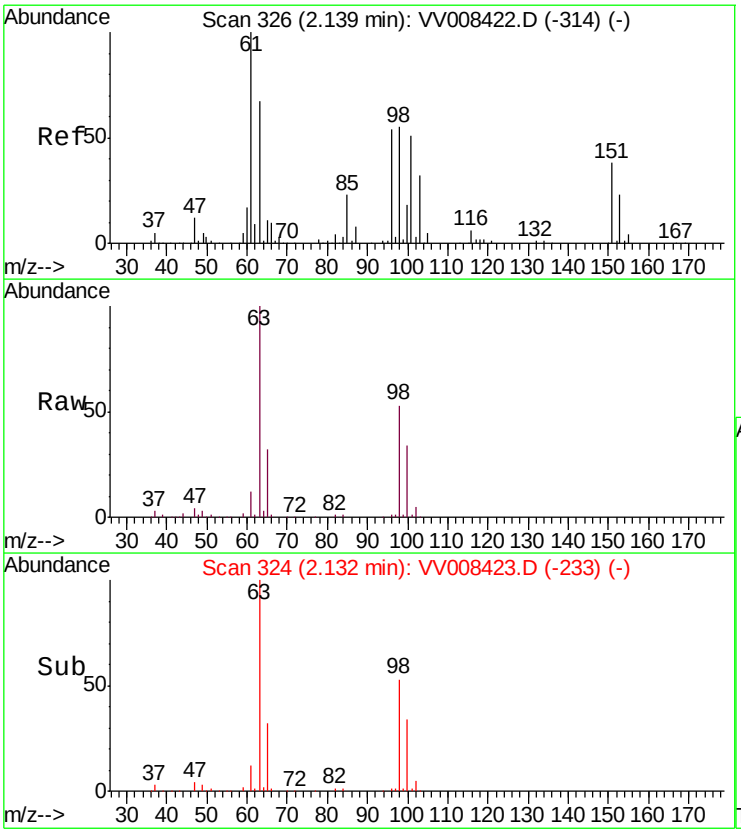
#9
Trichlorofluoromethane
Concen: 0.411 ug/L
RT: 2.13 min Scan# 324
Delta R.T. 0.37 min
Lab File: VV008423.D
Acq: 26 Oct 2018 11:07

Instrument :
MSVOA_V
ClientSampleId :
VBLK76

Tgt Ion:101 Resp: 859

Ion	Ratio	Lower	Upper
101	100		
103	18.5	51.0	76.6#

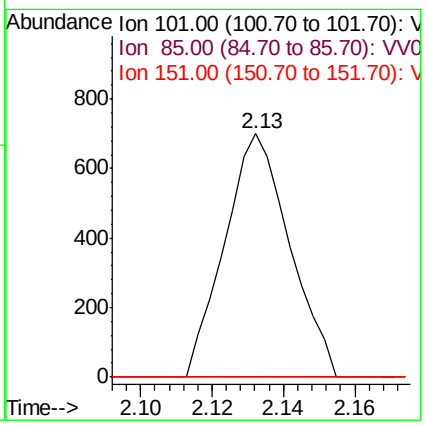


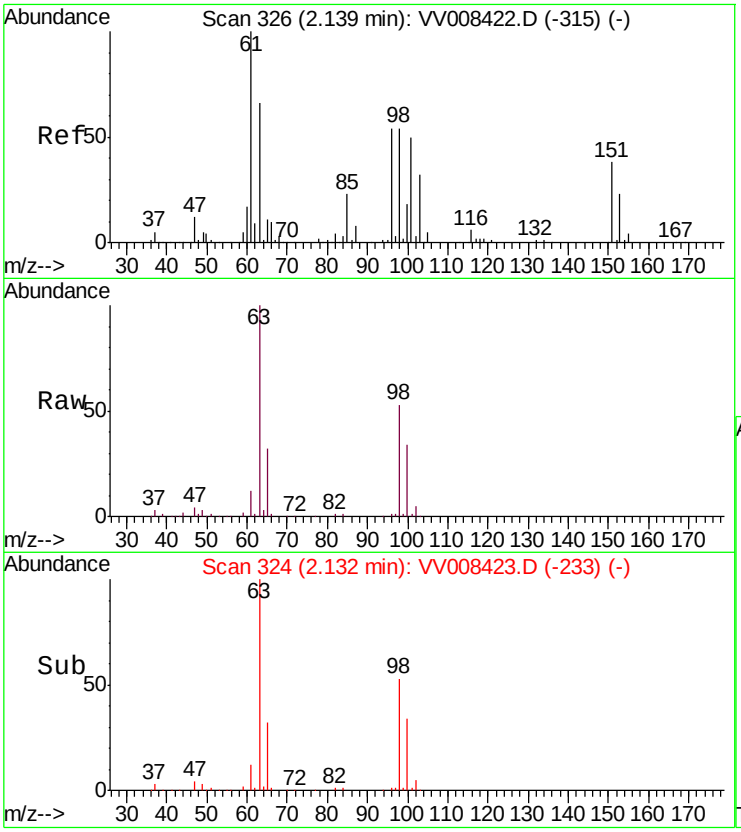


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.805 ug/L
RT: 2.13 min Scan# 324
Delta R.T. -0.01 min
Lab File: VV008423.D
Acq: 26 Oct 2018 11:07

Tgt Ion:101 Resp: 880

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



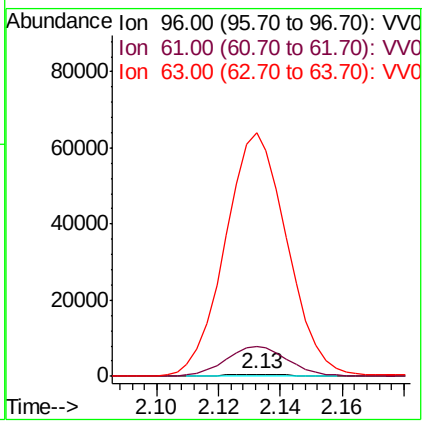


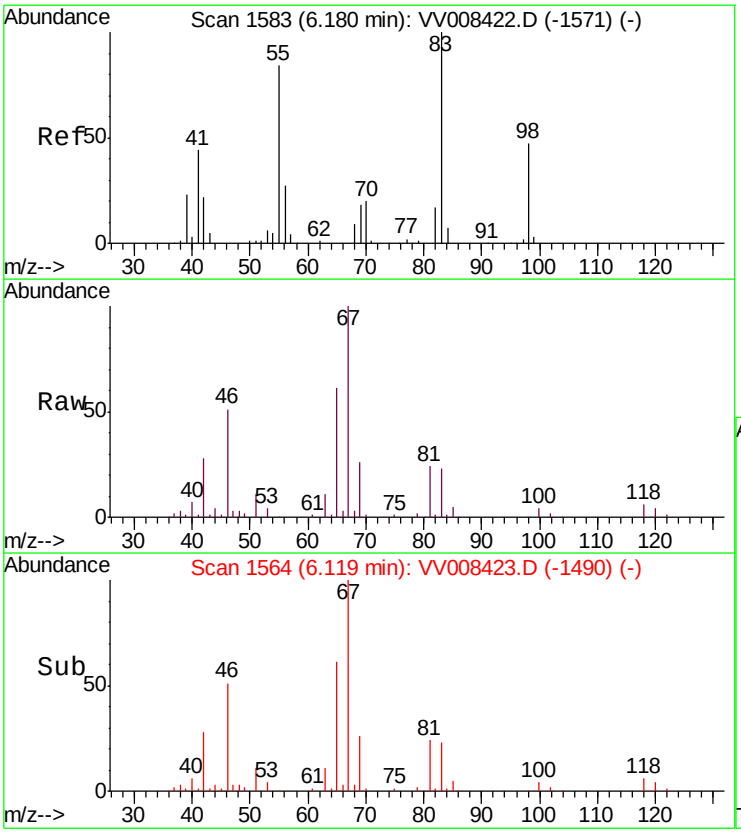
#12
1,1-Dichloroethene
Concen: 0.805 ug/L
RT: 2.13 min Scan# 324
Delta R.T. -0.01 min
Lab File: VV008423.D
Acq: 26 Oct 2018 11:07

Instrument :
MSVOA_V
ClientSampleId :
VBLK76

Tgt Ion: 96 Resp: 828

Ion	Ratio	Lower	Upper
96	100		
61	1463.2	130.3	242.1#
63	11890.0	84.4	156.8#

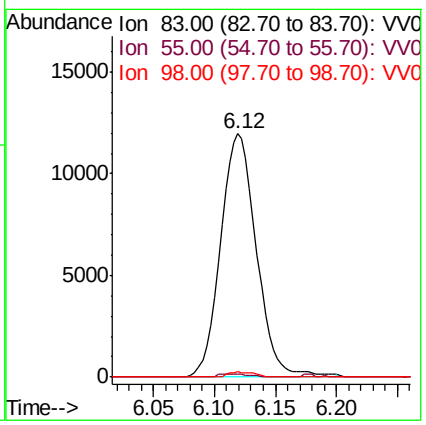


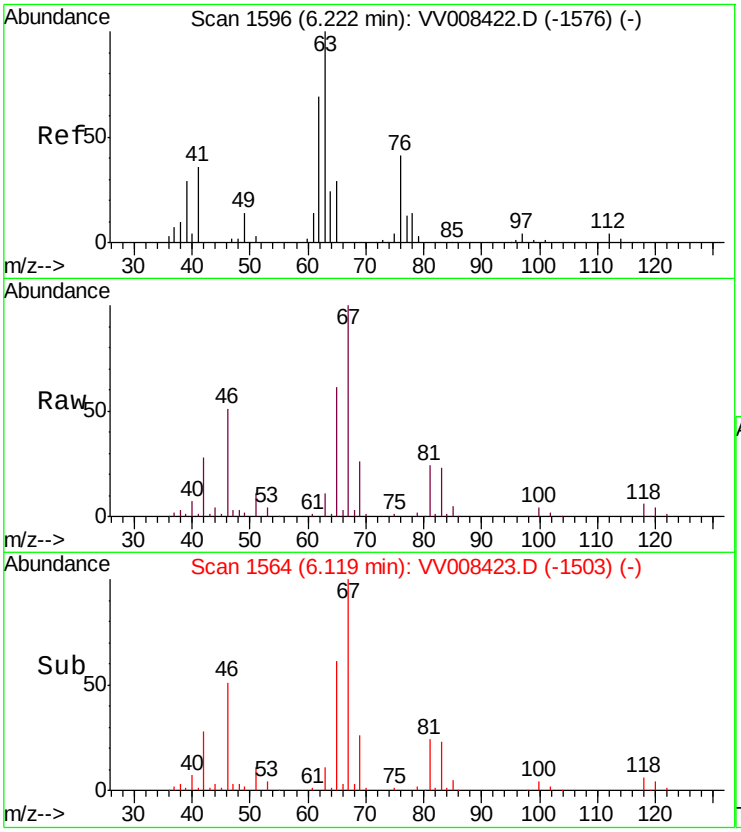


#35
Methylcyclohexane
Concen: 8.387 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.06 min
Lab File: VV008423.D
Acq: 26 Oct 2018 11:07

Tgt Ion: 83 Resp: 24565

Ion	Ratio	Lower	Upper
83	100		
55	1.0	65.0	97.4#
98	0.9	36.0	54.0#



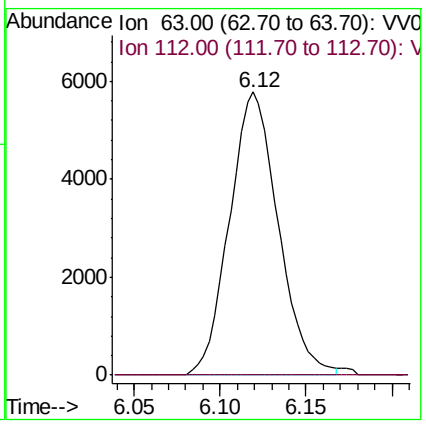


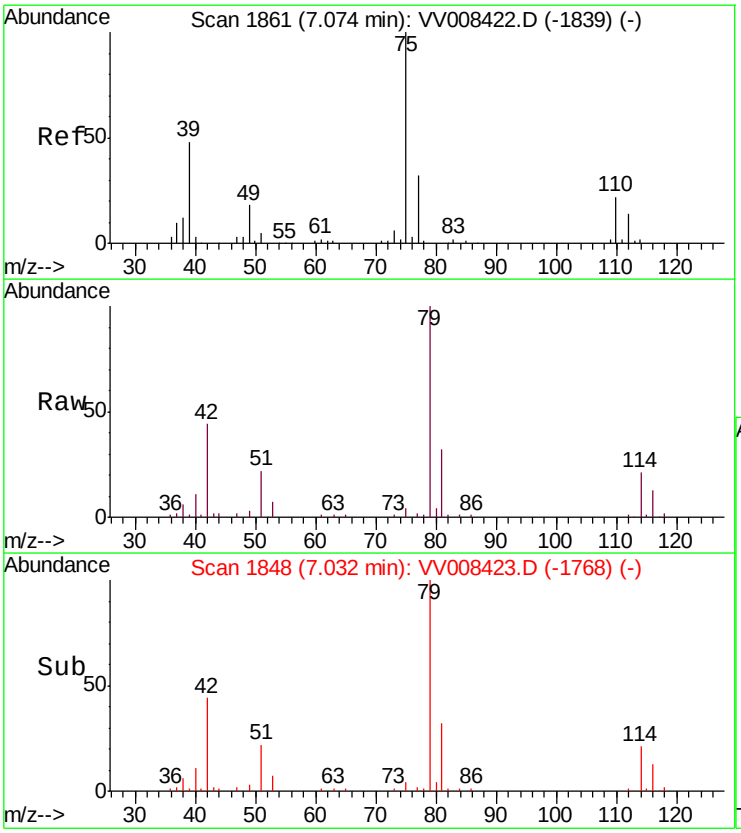
#37
1,2-Dichloropropane
Concen: 6.120 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.10 min
Lab File: VV008423.D
Acq: 26 Oct 2018 11:07

Instrument :
MSVOA_V
ClientSampleId :
VBLK76

Tgt Ion: 63 Resp: 11374

Ion	Ratio	Lower	Upper
63	100		
112	0.0	2.9	4.3#





#39
cis-1,3-Dichloropropene
Concen: 1.076 ug/L
RT: 7.03 min Scan# 1848
Delta R.T. -0.04 min
Lab File: VV008423.D
Acq: 26 Oct 2018 11:07

Tgt Ion: 75 Resp: 3145

Ion	Ratio	Lower	Upper
75	100		
77	48.7	22.6	42.0#