Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV121718\

Quantitation Report (Not Reviewed)

Data File : VV009001.D
Acq On : 18 Dec 2018 00:05
Operator : SY/MD
Sample : J6422-04
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0LC8

Quant Time: Dec 18 03:42:48 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121318WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Dec 18 03:36:51 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	195162	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	180590	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	75542	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	52419	45.99	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 91.98%			
7) Chloroethane-d5	1.56	69	40599	56.60	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 113.20%			
11) 1,1-Dichloroethene-d2	2.13	63	99611	37.01	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 74.02%			
21) 2-Butanone-d5	3.93	46	89313	117.37	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 117.37%			
24) Chloroform-d	4.40	84	115044	47.31	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 94.62%			
26) 1,2-Dichloroethane-d4	5.08	65	79226	51.15	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 102.30%			
32) Benzene-d6	5.10	84	244803	50.30	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 100.60%			
36) 1,2-Dichloropropane-d6	6.12	67	73282	50.11	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 100.22%			
41) Toluene-d8	7.36	98	221254	48.43	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 96.86%			
43) trans-1,3-Dichloropropene-	7.67	79	33658	45.38	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 90.76%			
47) 2-Hexanone-d5	8.13	63	55621	102.76	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 102.76%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	89636	47.48	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 94.96%			
64) 1,2-Dichlorobenzene-d4	11.67	152	79041	50.73	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 101.46%			
Target Compounds						Qvalue
9) Trichlorofluoromethane	2.13	101	1046	0.481	ug/L #	23
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1046	0.785	ug/L #	18
12) 1,1-Dichloroethene	2.13	96	791	0.653	ug/L #	1
27) 1,2-Dichloroethane	5.10	62	1241	0.662	ug/L #	74
35) Methylcyclohexane	6.12	83	18504	8.683	ug/L #	20
37) 1,2-Dichloropropane	6.12	63	7898	6.137	ug/L #	86
39) cis-1,3-Dichloropropene	7.03	75	1485	0.724	ug/L #	64
48) 2-Hexanone	8.18	43	4237	3.422	ug/L #	62
59) 1,2,3-Trichloropropane	11.30	75	8188	5.052	ug/L	93

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV121718\

Quantitation Report (Not Reviewed)

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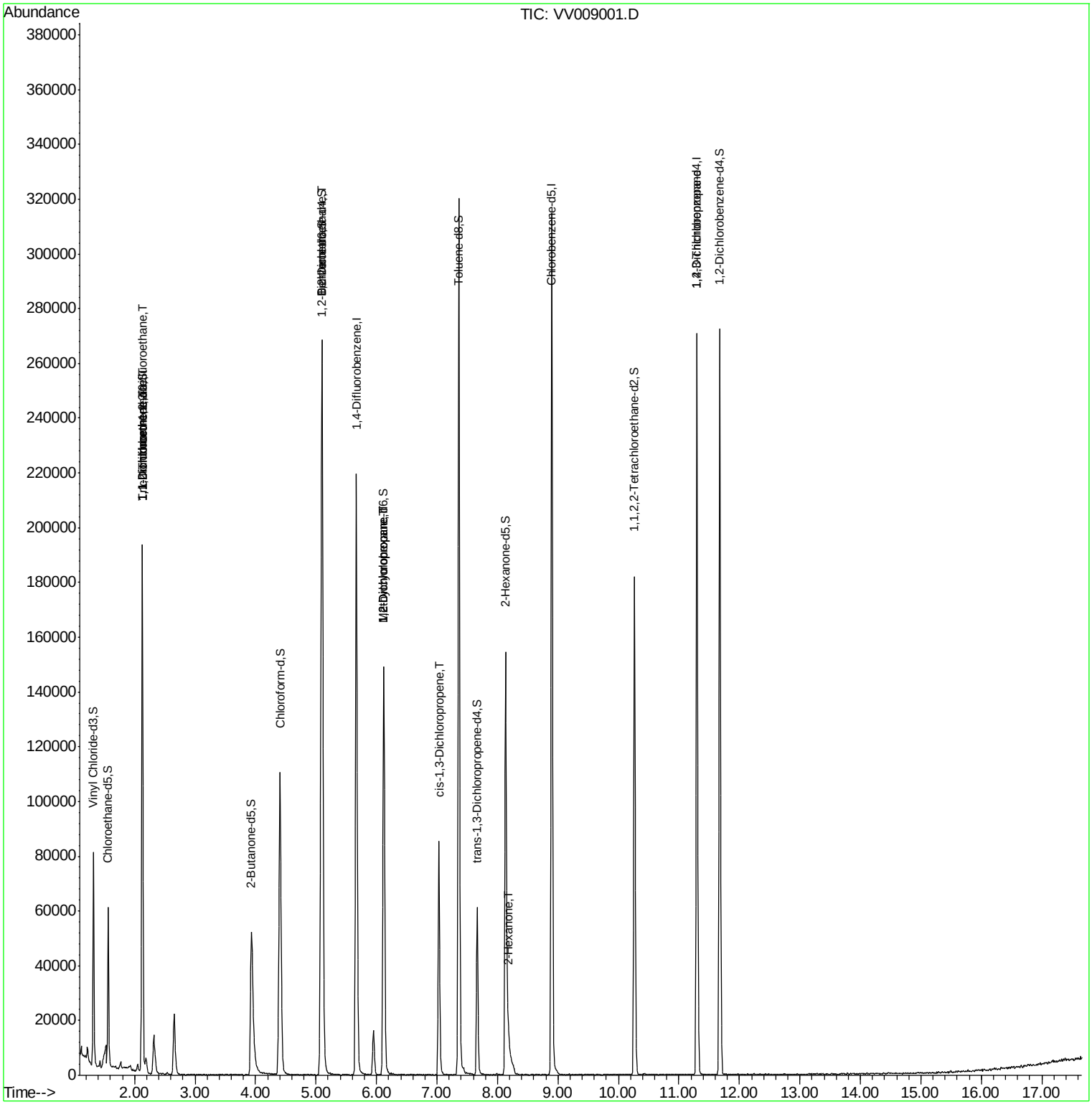
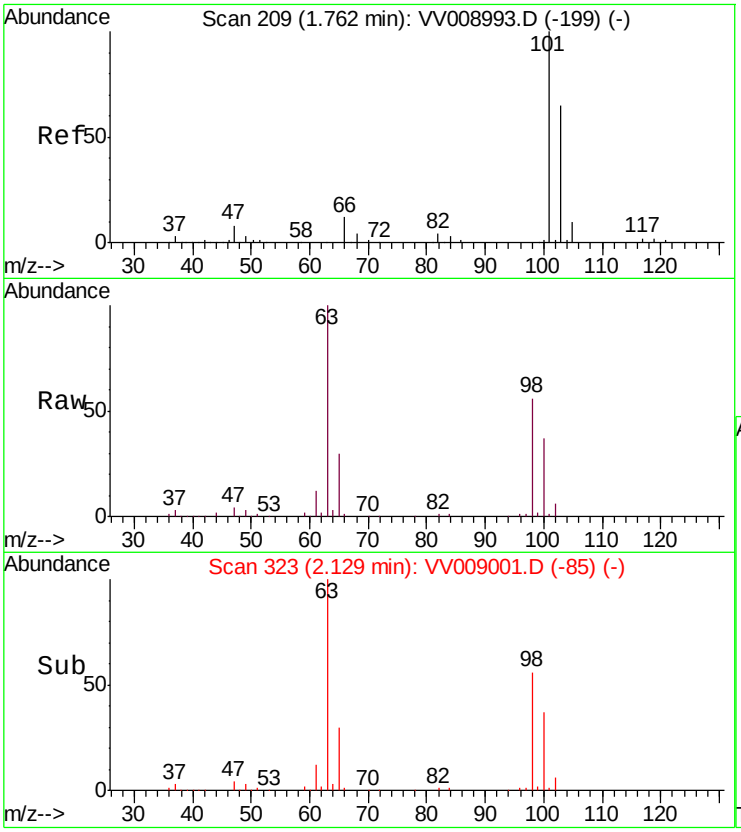
Acq On : 18 Dec 2018 00:05
Operator : SY/MD
Sample : J6422-04
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0LC8

Quant Time: Dec 18 03:42:48 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121318WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Dec 18 03:36:51 2018
Response via : Initial Calibration



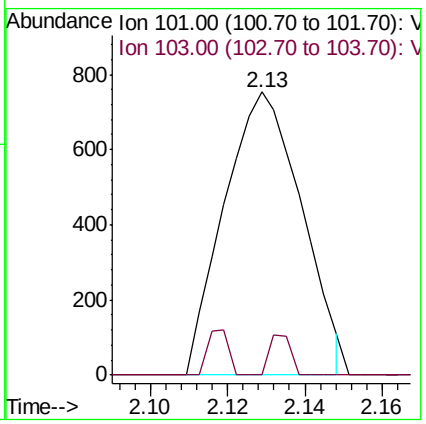


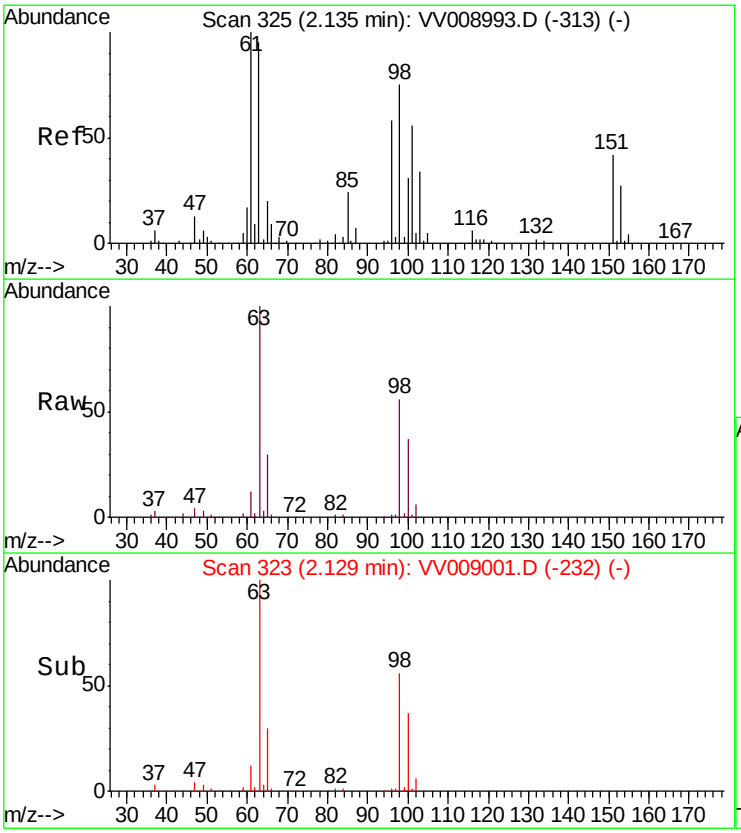
#9
Trichlorofluoromethane
Concen: 0.481 ug/L
RT: 2.13 min Scan# 323
Delta R.T. 0.37 min
Lab File: VV009001.D
Acq: 18 Dec 2018 00:05

Instrument :
MSVOA_V
ClientSampleId :
C0LC8

Tgt Ion:101 Resp: 1046

Ion	Ratio	Lower	Upper
101	100		
103	3.9	51.5	77.3#

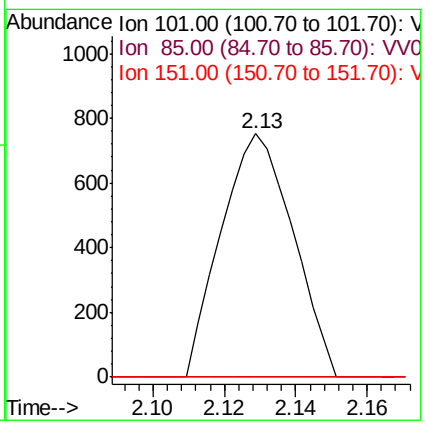


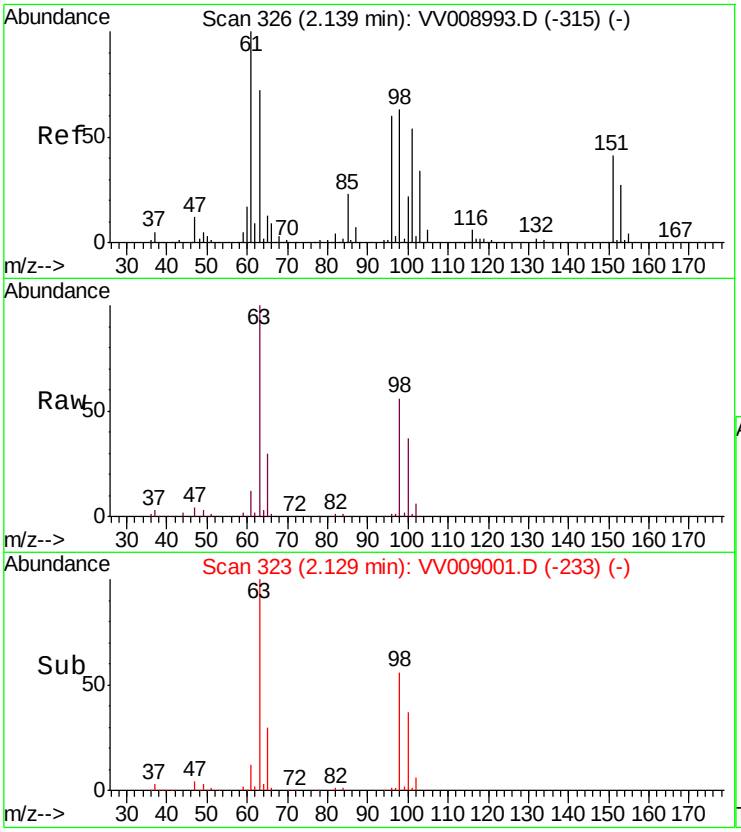


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.785 ug/L
RT: 2.13 min Scan# 323
Delta R.T. -0.01 min
Lab File: VV009001.D
Acq: 18 Dec 2018 00:05

Tgt Ion:101 Resp: 1046

Ion	Ratio	Lower	Upper
101	100		
85	0.0	34.6	52.0#
151	0.0	63.8	95.8#



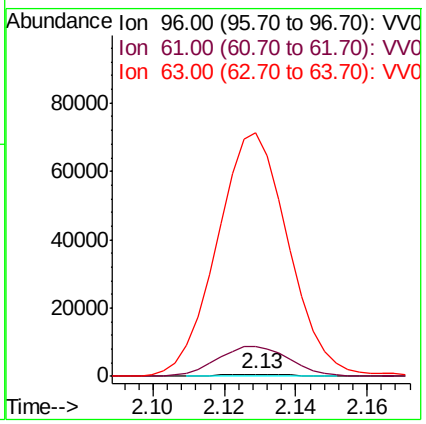


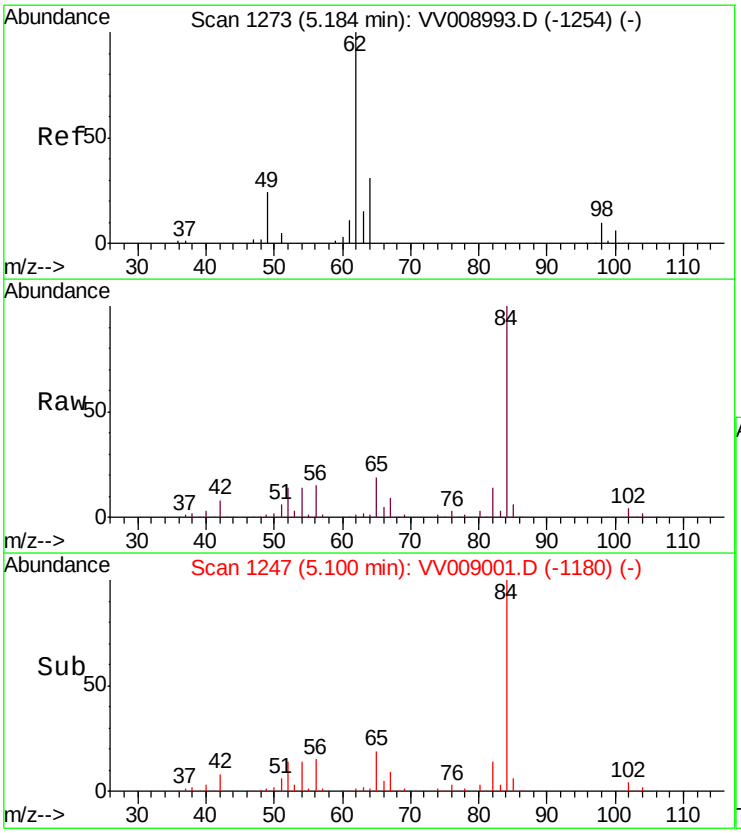
#12
1,1-Dichloroethene
Concen: 0.653 ug/L
RT: 2.13 min Scan# 323
Delta R.T. -0.01 min
Lab File: VV009001.D
Acq: 18 Dec 2018 00:05

Instrument : MSVOA_V
ClientSampleId : C0LC8

Tgt Ion: 96 Resp: 791

Ion	Ratio	Lower	Upper
96	100		
61	1492.7	119.1	221.3#
63	12018.9	96.0	178.2#

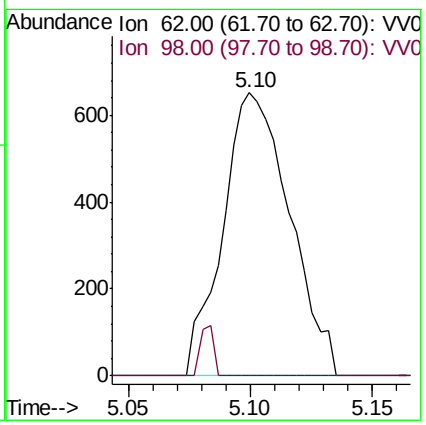


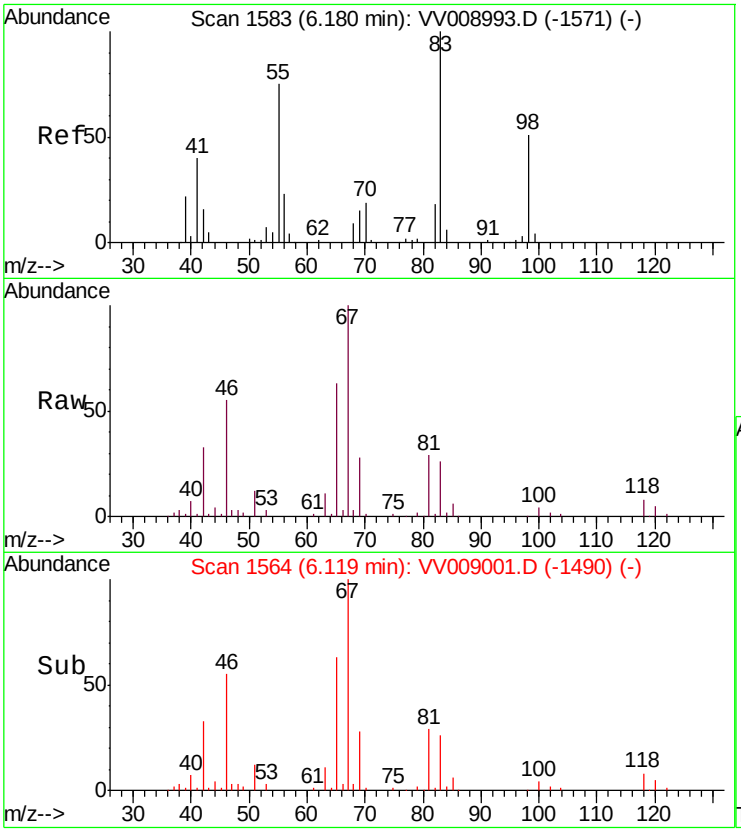


#27
1,2-Dichloroethane
Concen: 0.662 ug/L
RT: 5.10 min Scan# 1247
Delta R.T. -0.08 min
Lab File: VV009001.D
Acq: 18 Dec 2018 00:05

Tgt Ion: 62 Resp: 1241

Ion	Ratio	Lower	Upper
62	100		
98	0.0	7.5	11.3#



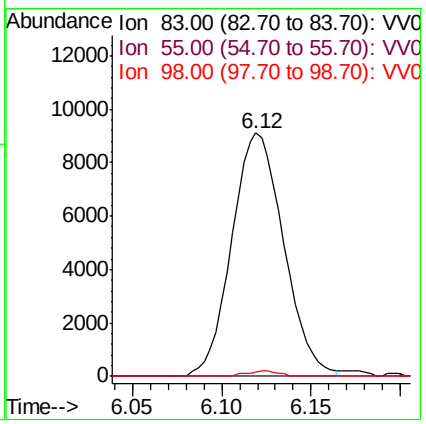


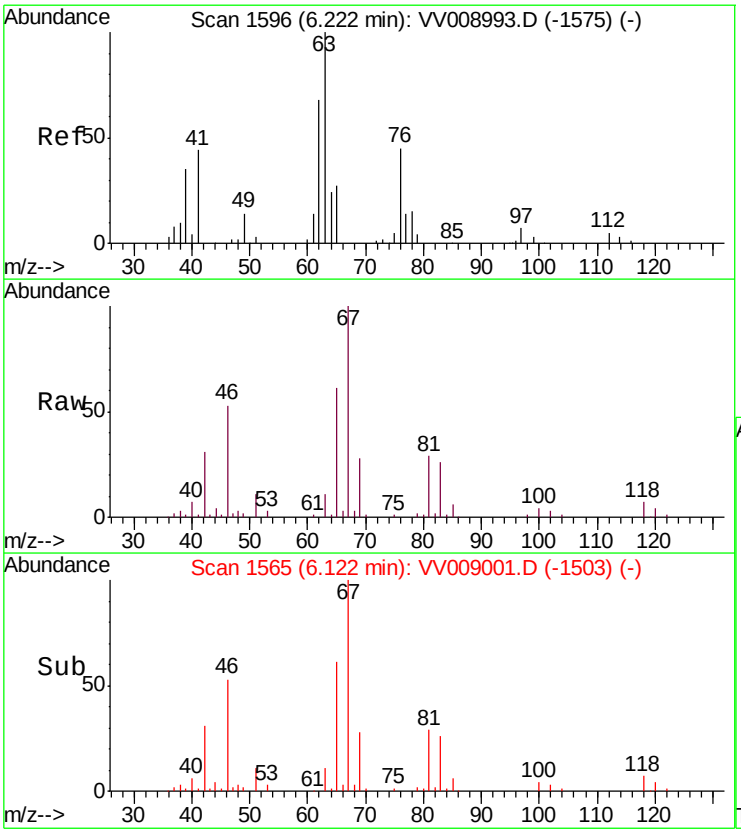
#35
Methylcyclohexane
Concen: 8.683 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.06 min
Lab File: VV009001.D
Acq: 18 Dec 2018 00:05

Instrument : MSVOA_V
ClientSampleId : C0LC8

Tgt Ion: 83 Resp: 18504

Ion	Ratio	Lower	Upper
83	100		
55	0.0	57.8	86.8#
98	1.2	39.0	58.4#

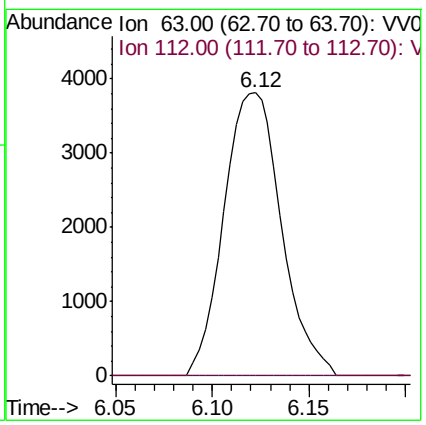


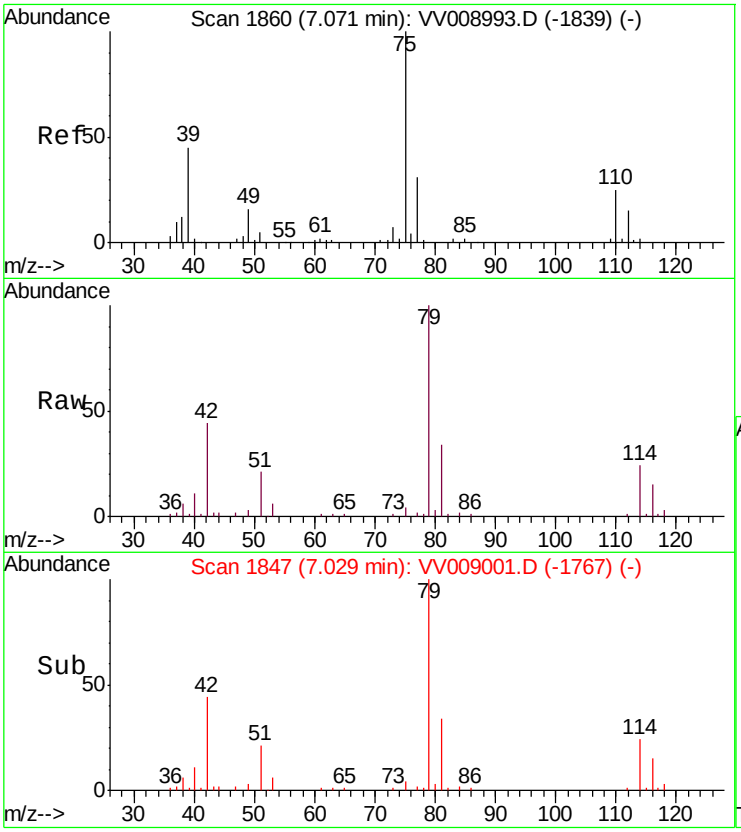


#37
1,2-Dichloropropane
Concen: 6.137 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.10 min
Lab File: VV009001.D
Acq: 18 Dec 2018 00:05

Tgt Ion: 63 Resp: 7898

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.8	5.6#



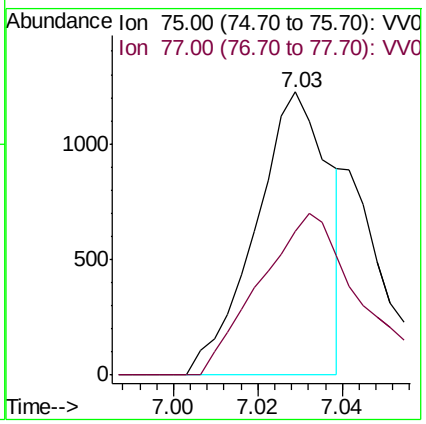


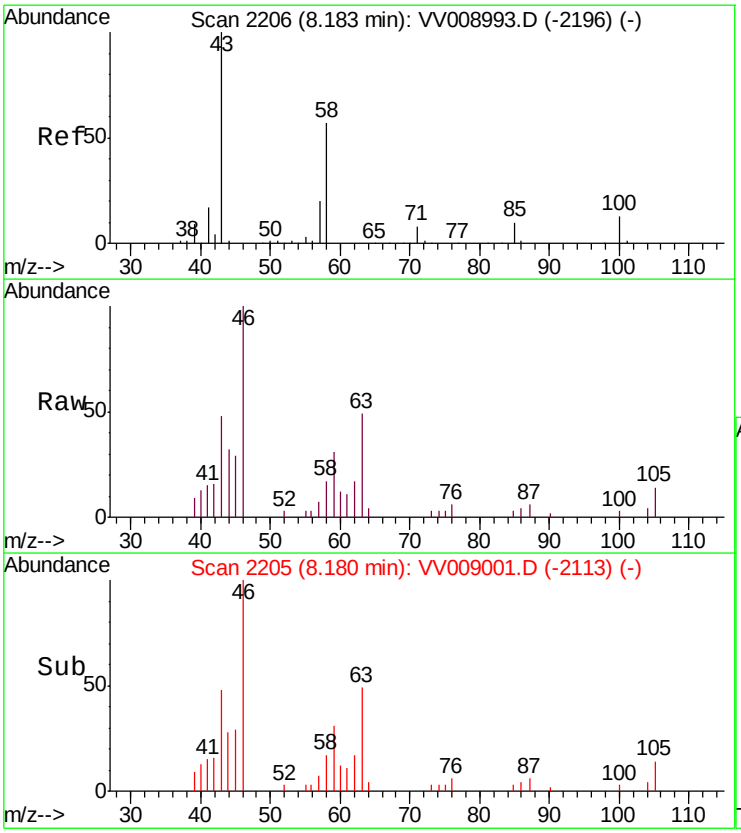
#39
cis-1,3-Dichloropropene
Concen: 0.724 ug/L
RT: 7.03 min Scan# 1847
Delta R.T. -0.04 min
Lab File: VV009001.D
Acq: 18 Dec 2018 00:05

Instrument : MSVOA_V
ClientSampleId : C0LC8

Tgt Ion: 75 Resp: 1485

Ion	Ratio	Lower	Upper
75	100		
77	50.7	21.8	40.4#

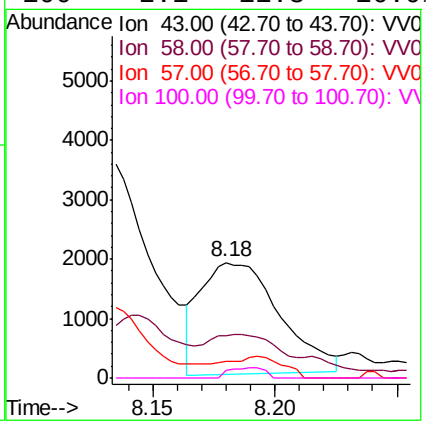


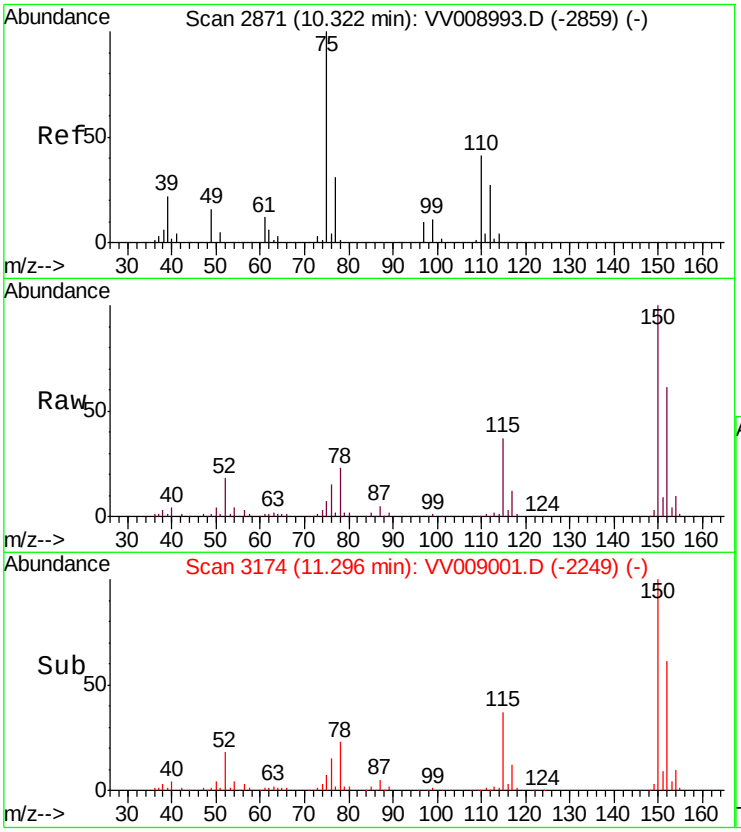


#48
2-Hexanone
Concen: 3.422 ug/L
RT: 8.18 min Scan# 2205
Delta R.T. -0.00 min
Lab File: VV009001.D
Acq: 18 Dec 2018 00:05

Tgt Ion: 43 Resp: 4237

Ion	Ratio	Lower	Upper
43	100		
58	20.4	42.7	64.1#
57	9.9	15.7	23.5#
100	2.1	11.3	16.9#





#59
1,2,3-Trichloropropane
Concen: 5.052 ug/L
RT: 11.30 min Scan# 3174
Delta R.T. 0.97 min
Lab File: VV009001.D
Acq: 18 Dec 2018 00:05

Instrument :
MSVOA_V
ClientSampleId :
C0LC8

Tgt Ion: 75 Resp: 8188

Ion	Ratio	Lower	Upper
75	100		
77	36.1	25.8	38.8