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

Quantitation Report (Not Reviewed)

Data File : VV008992.D
Acq On : 17 Dec 2018 20:29
Operator : SY/MD
Sample : J6387-21
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0LC4

Quant Time: Dec 18 01:53:18 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121318WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Dec 18 01:46:20 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	198625	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	187531	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	79258	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	53026	45.71	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 91.42%			
7) Chloroethane-d5	1.57	69	41435	56.76	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 113.52%			
11) 1,1-Dichloroethene-d2	2.13	63	107992	39.42	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 78.84%			
21) 2-Butanone-d5	3.93	46	90775	117.21	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 117.21%			
24) Chloroform-d	4.41	84	118433	47.85	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 95.70%			
26) 1,2-Dichloroethane-d4	5.08	65	80572	51.11	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 102.22%			
32) Benzene-d6	5.10	84	251547	49.78	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 99.56%			
36) 1,2-Dichloropropane-d6	6.12	67	75527	49.74	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 99.48%			
41) Toluene-d8	7.36	98	233516	49.23	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 98.46%			
43) trans-1,3-Dichloropropene-	7.67	79	35762	46.43	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 92.86%			
47) 2-Hexanone-d5	8.13	63	56994	101.40	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 101.40%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	93334	47.60	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 95.20%			
64) 1,2-Dichlorobenzene-d4	11.68	152	81081	49.60	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 99.20%			
Target Compounds						Qvalue
9) Trichlorofluoromethane	2.13	101	858	0.387	ug/L #	18
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	858	0.633	ug/L #	18
12) 1,1-Dichloroethene	2.13	96	886	0.718	ug/L #	1
27) 1,2-Dichloroethane	5.10	62	1341	0.703	ug/L #	74
33) Benzene	5.10	78	2016	0.390	ug/L	100
34) Trichloroethene	5.96	95	2262	1.516	ug/L	94
35) Methylcyclohexane	6.12	83	19089	8.626	ug/L #	20
37) 1,2-Dichloropropane	6.12	63	8353	6.250	ug/L #	86
39) cis-1,3-Dichloropropene	7.03	75	2392	1.122	ug/L #	72
44) trans-1,3-Dichloropropene	7.67	75	1449	0.729	ug/L	89
48) 2-Hexanone	8.14	43	6552	5.096	ug/L #	73
59) 1,2,3-Trichloropropane	11.30	75	8273	4.915	ug/L	91

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

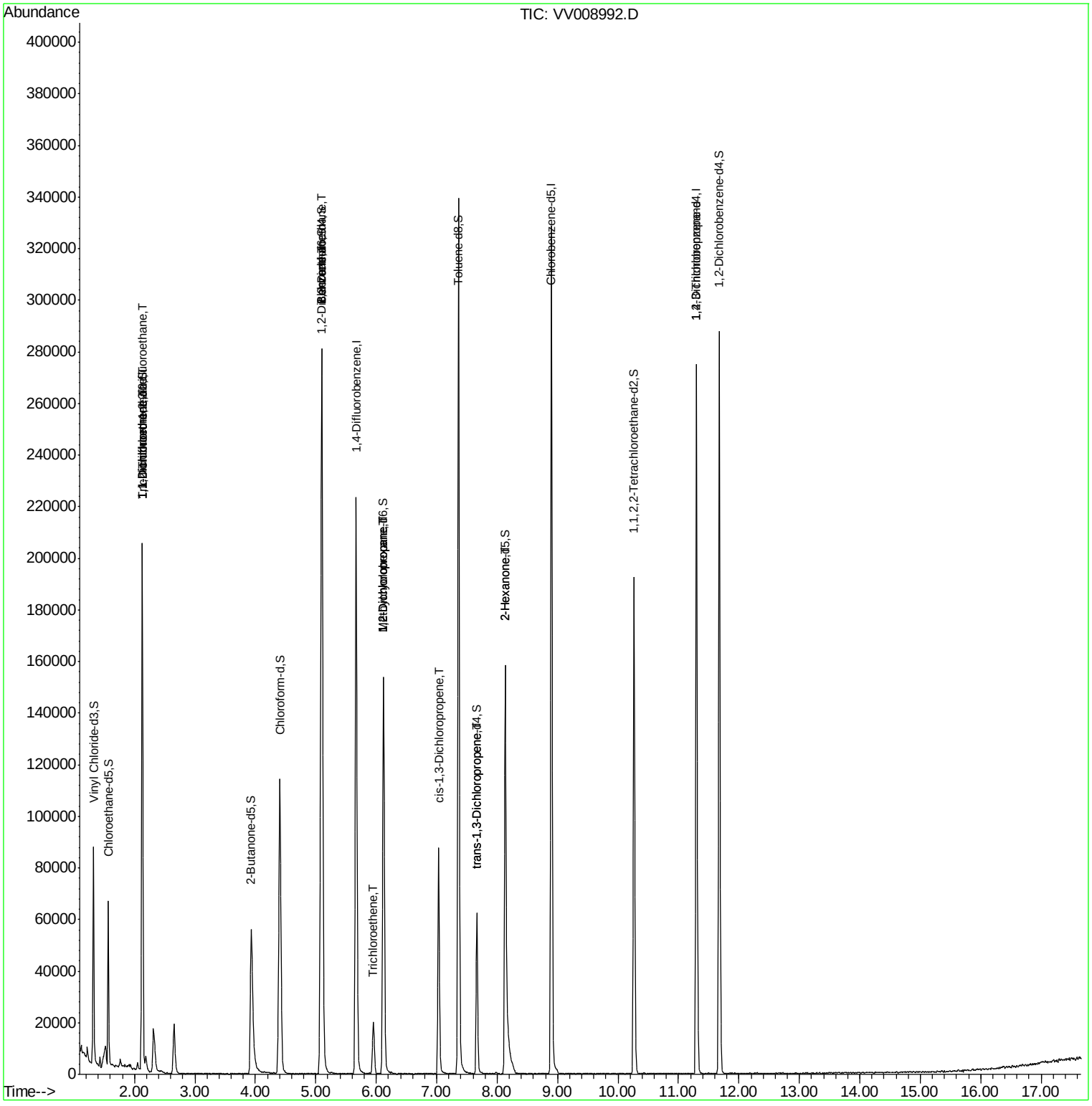
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV121718\

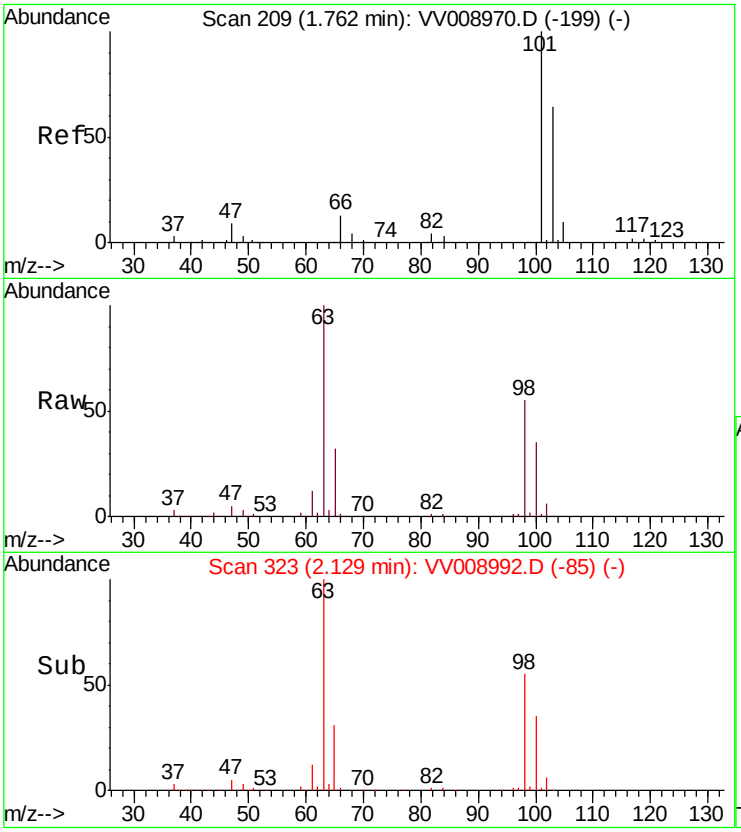
Quantitation Report (Not Reviewed)

Data File : VV008992.D
Acq On : 17 Dec 2018 20:29
Operator : SY/MD
Sample : J6387-21
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0LC4

Quant Time: Dec 18 01:53:18 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121318WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Dec 18 01:46:20 2018
Response via : Initial Calibration



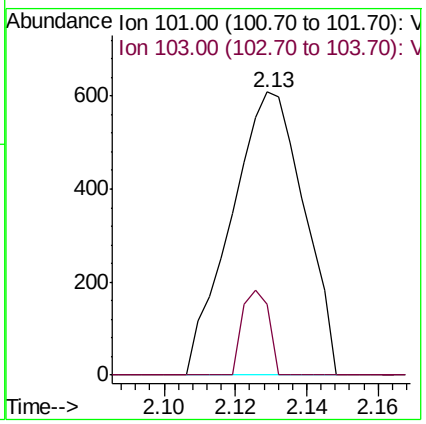


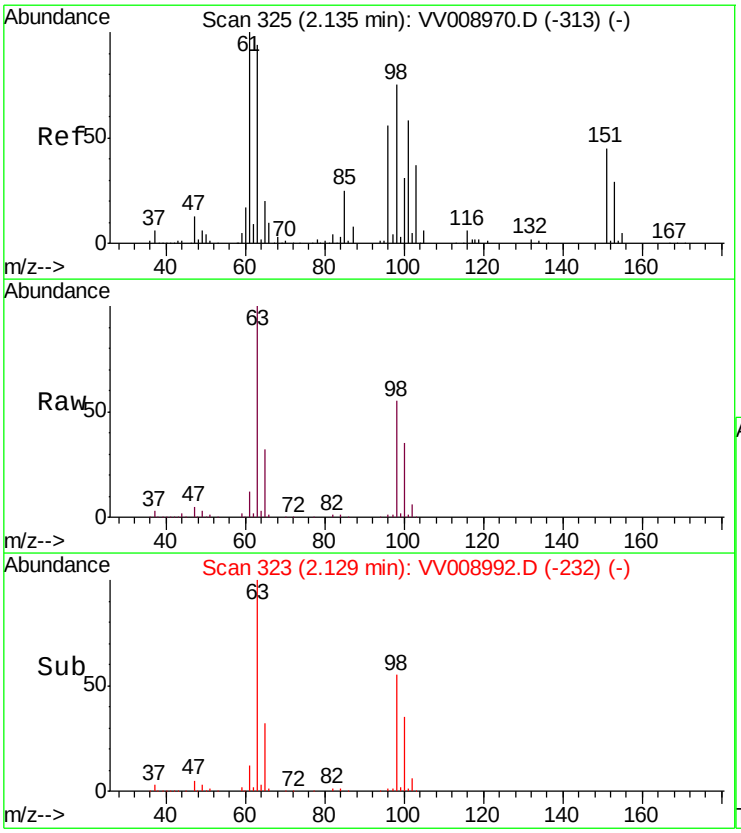
#9
Trichlorofluoromethane
Concen: 0.387 ug/L
RT: 2.13 min Scan# 323
Delta R.T. 0.37 min
Lab File: VV008992.D
Acq: 17 Dec 2018 20:29

Instrument : MSVOA_V
ClientSampleId : C0LC4

Tgt Ion:101 Resp: 858

Ion	Ratio	Lower	Upper
101	100		
103	0.0	51.5	77.3#

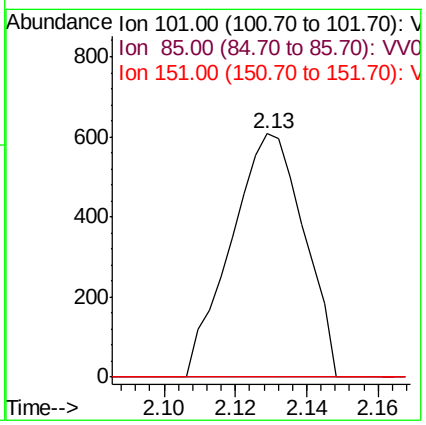


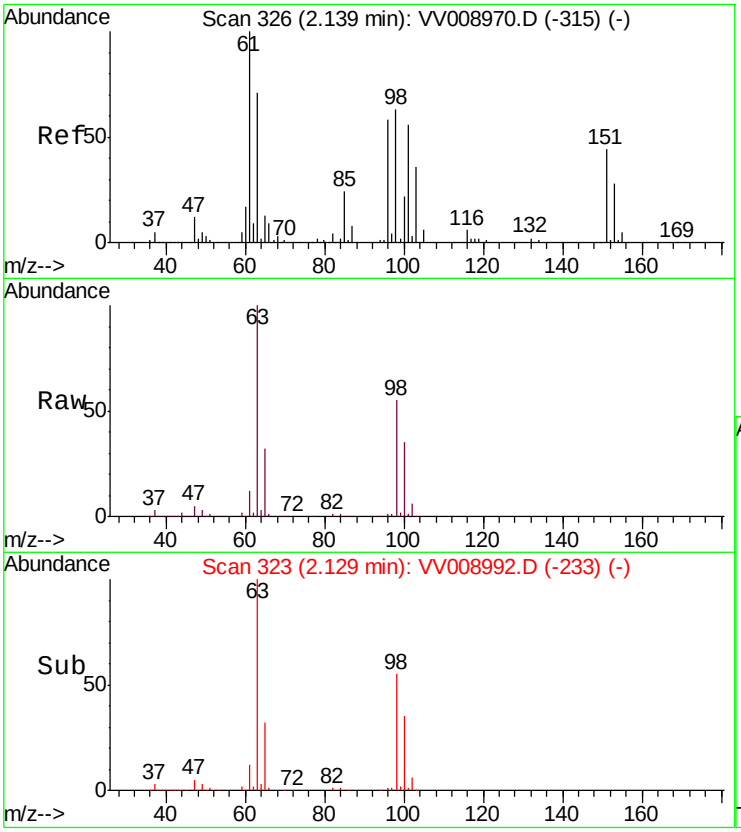


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.633 ug/L
RT: 2.13 min Scan# 323
Delta R.T. -0.01 min
Lab File: VV008992.D
Acq: 17 Dec 2018 20:29

Tgt Ion:101 Resp: 858

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



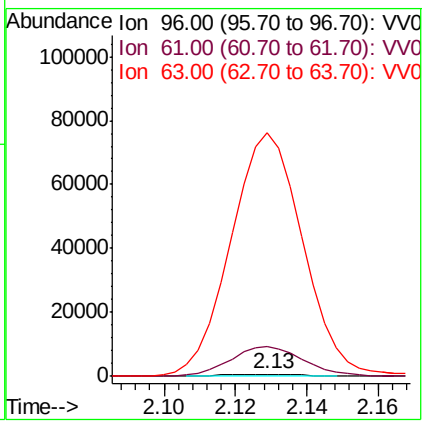


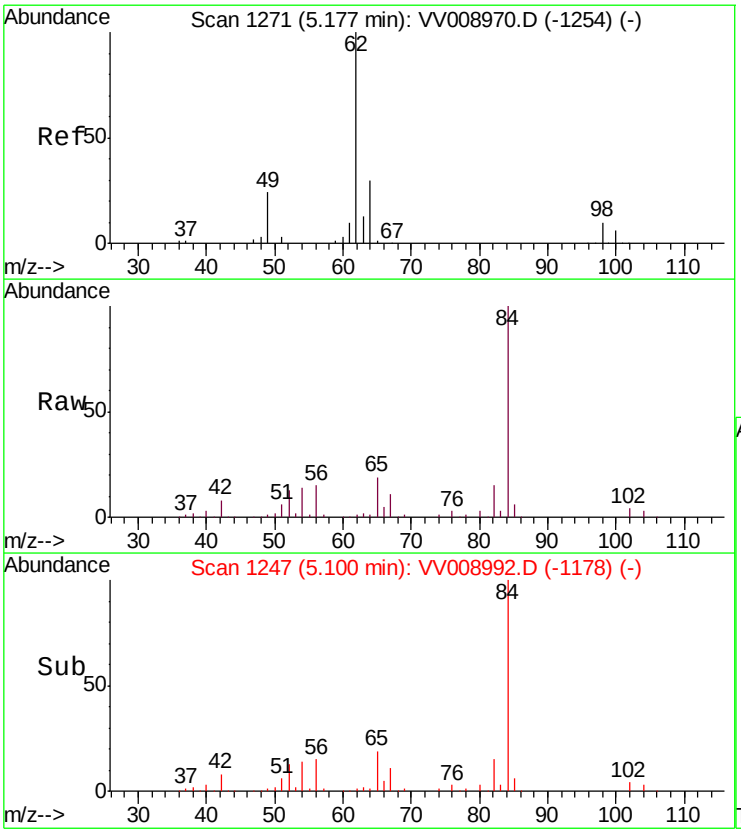
#12
1,1-Dichloroethene
Concen: 0.718 ug/L
RT: 2.13 min Scan# 323
Delta R.T. -0.01 min
Lab File: VV008992.D
Acq: 17 Dec 2018 20:29

Instrument : MSVOA_V
ClientSampleId : C0LC4

Tgt Ion: 96 Resp: 886

Ion	Ratio	Lower	Upper
96	100		
61	1745.2	119.1	221.3#
63	14288.9	96.0	178.2#

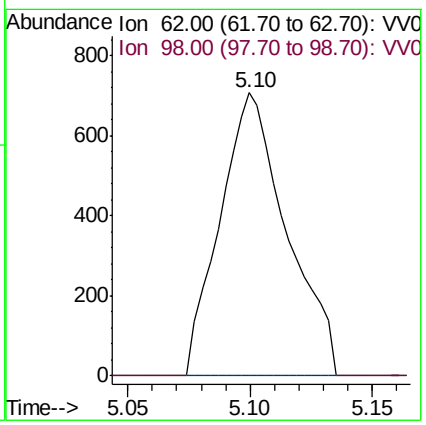


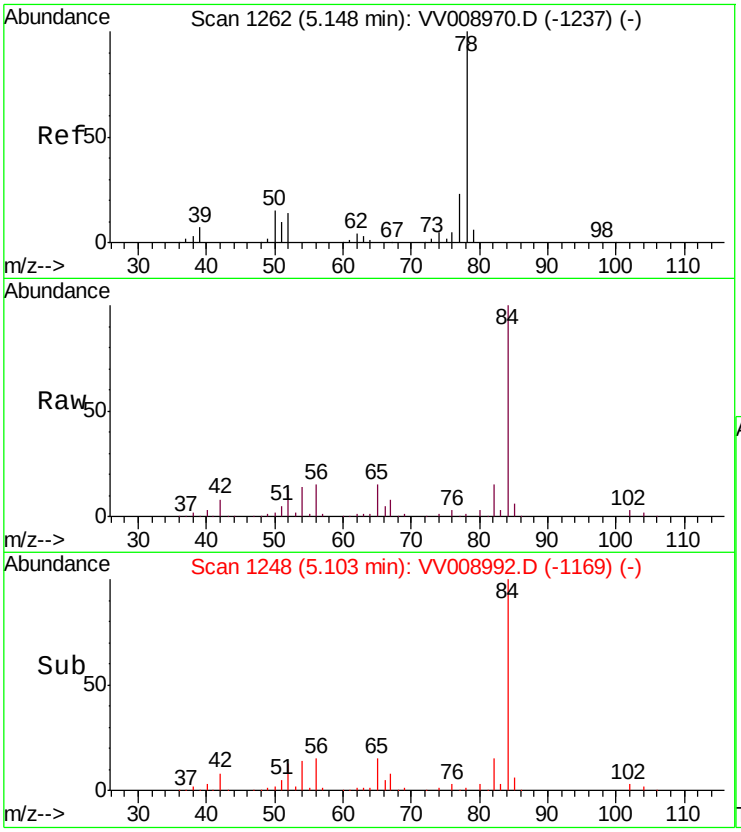


#27
1,2-Dichloroethane
Concen: 0.703 ug/L
RT: 5.10 min Scan# 1247
Delta R.T. -0.08 min
Lab File: VV008992.D
Acq: 17 Dec 2018 20:29

Tgt Ion: 62 Resp: 1341

Ion	Ratio	Lower	Upper
62	100		
98	0.0	7.5	11.3#

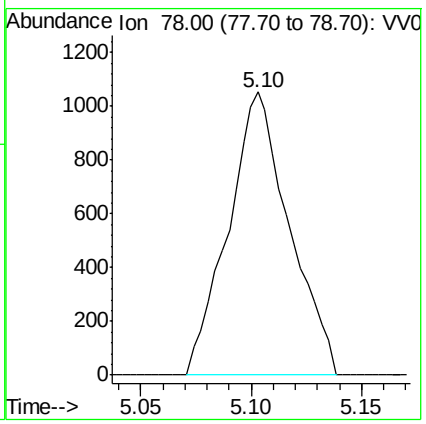


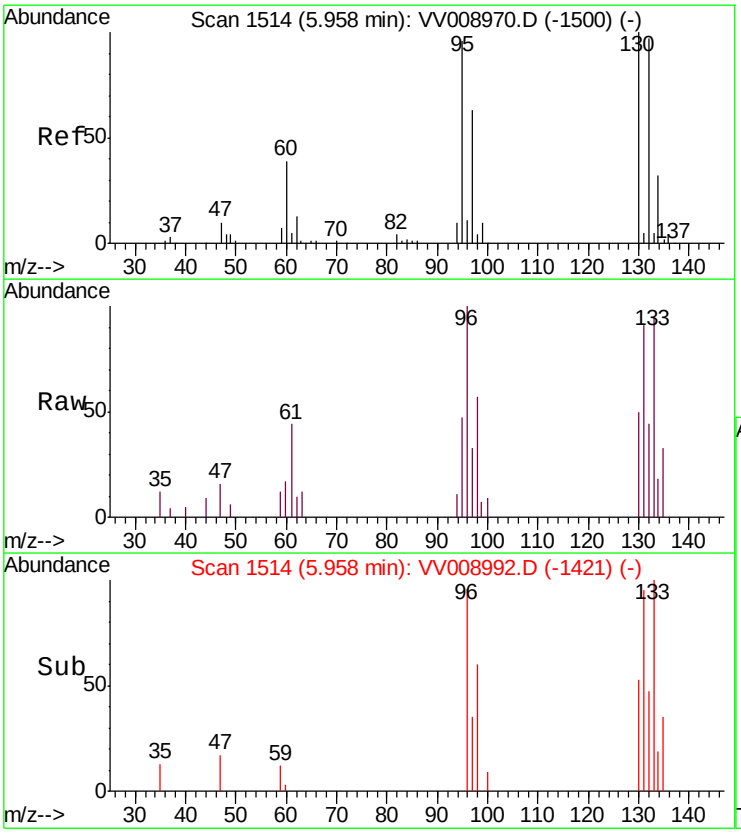


#33
Benzene
Concen: 0.390 ug/L
RT: 5.10 min Scan# 1248
Delta R.T. -0.05 min
Lab File: VV008992.D
Acq: 17 Dec 2018 20:29

Instrument :
MSVOA_V
ClientSampleId :
C0LC4

Tgt Ion: 78 Resp: 2016

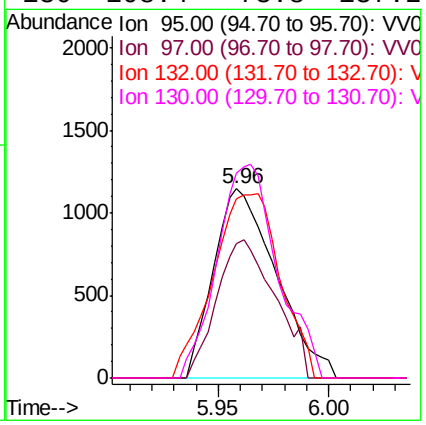


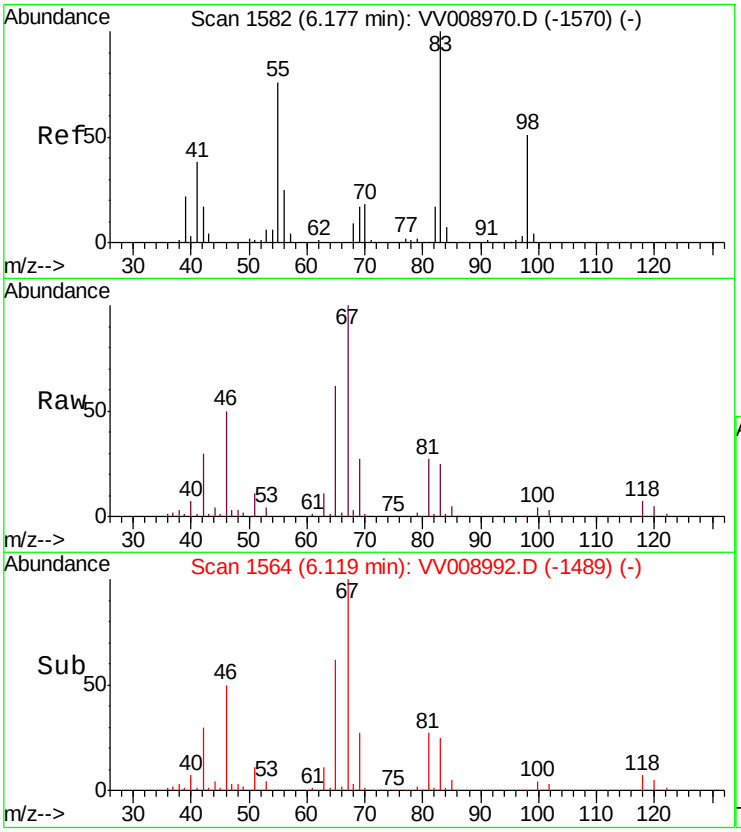


#34
Trichloroethene
Concen: 1.516 ug/L
RT: 5.96 min Scan# 1514
Delta R.T. -0.00 min
Lab File: VV008992.D
Acq: 17 Dec 2018 20:29

Tgt Ion: 95 Resp: 2262

Ion	Ratio	Lower	Upper
95	100		
97	71.5	45.7	84.9
132	95.2	72.2	134.2
130	108.4	73.8	137.2



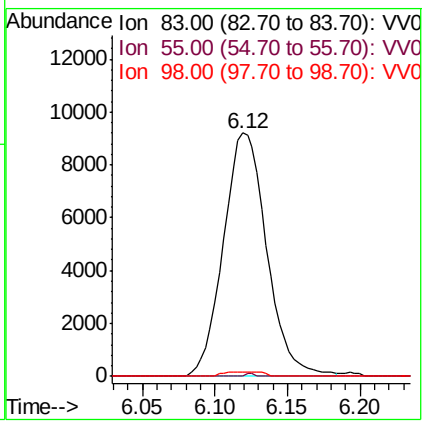


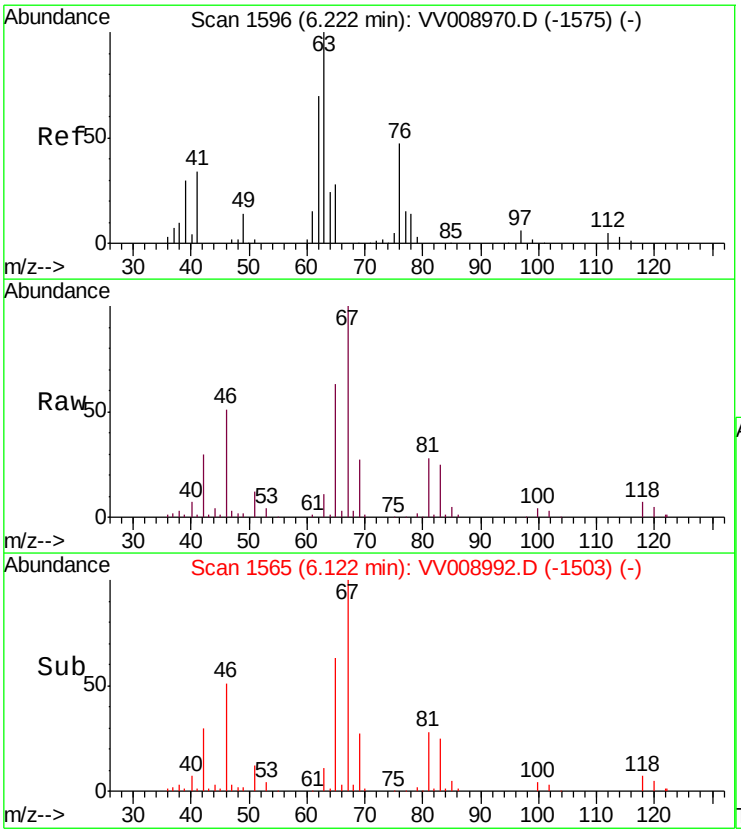
#35
Methylcyclohexane
Concen: 8.626 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.06 min
Lab File: VV008992.D
Acq: 17 Dec 2018 20:29

Instrument : MSVOA_V
ClientSampleId : C0LC4

Tgt Ion: 83 Resp: 19089

Ion	Ratio	Lower	Upper
83	100		
55	0.2	57.8	86.8#
98	1.5	39.0	58.4#

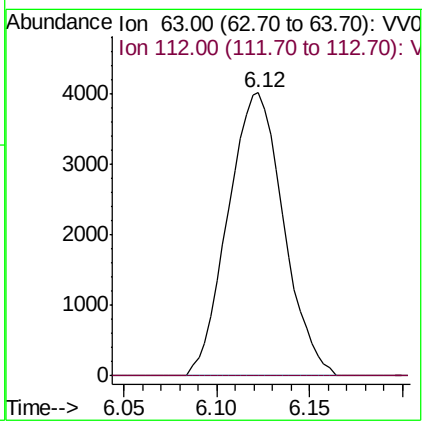


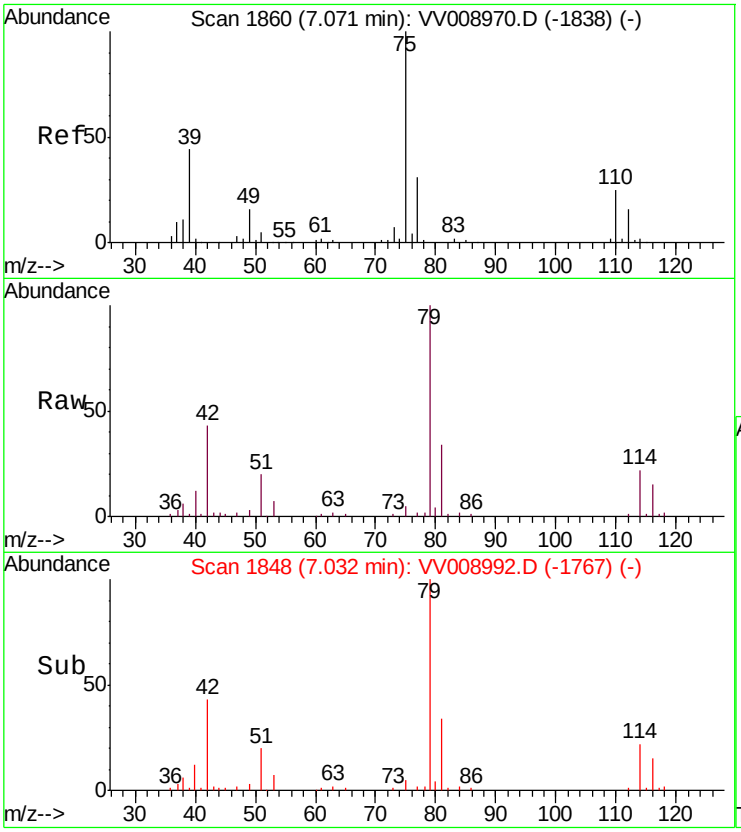


#37
1,2-Dichloropropane
Concen: 6.250 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.10 min
Lab File: VV008992.D
Acq: 17 Dec 2018 20:29

Tgt Ion: 63 Resp: 8353

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.8	5.6#



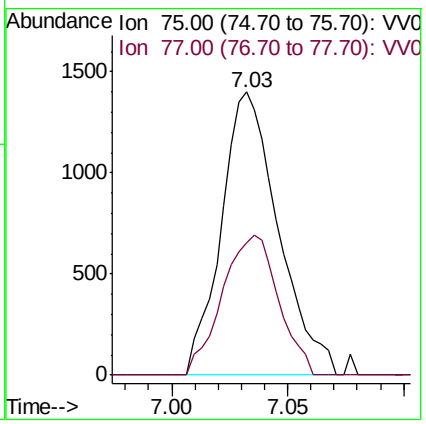


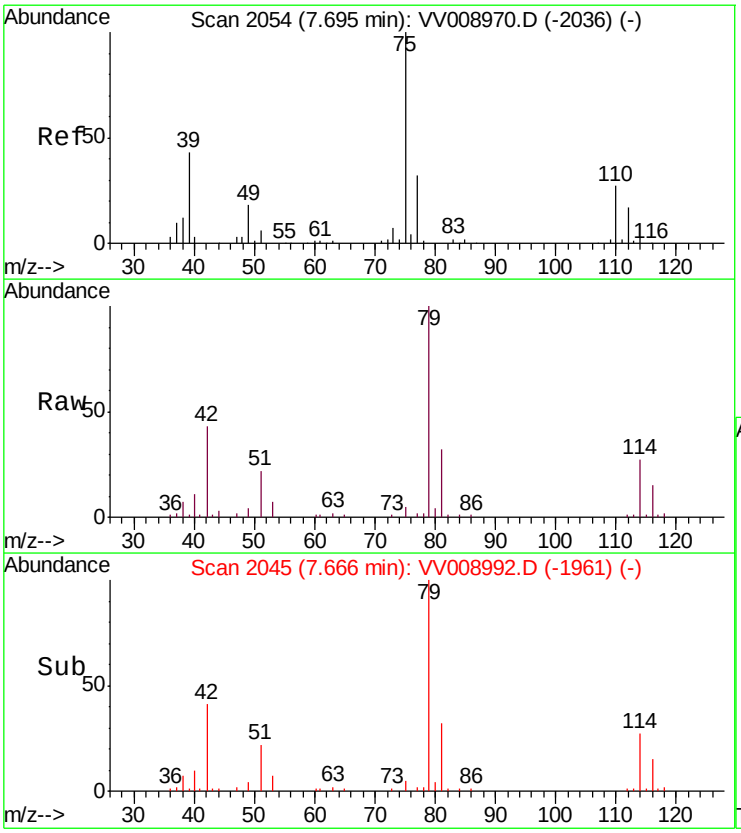
#39
cis-1,3-Dichloropropene
Concen: 1.122 ug/L
RT: 7.03 min Scan# 1848
Delta R.T. -0.04 min
Lab File: VV008992.D
Acq: 17 Dec 2018 20:29

Instrument :
MSVOA_V
ClientSampleId :
C0LC4

Tgt Ion: 75 Resp: 2392

Ion	Ratio	Lower	Upper
75	100		
77	46.7	21.8	40.4#

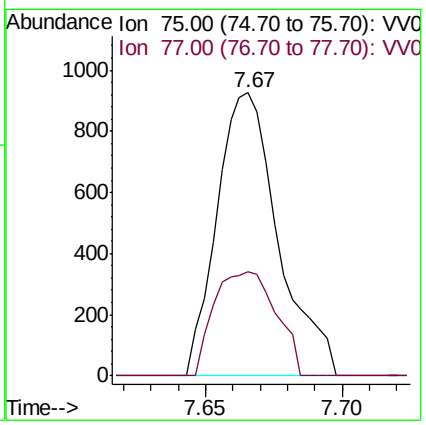


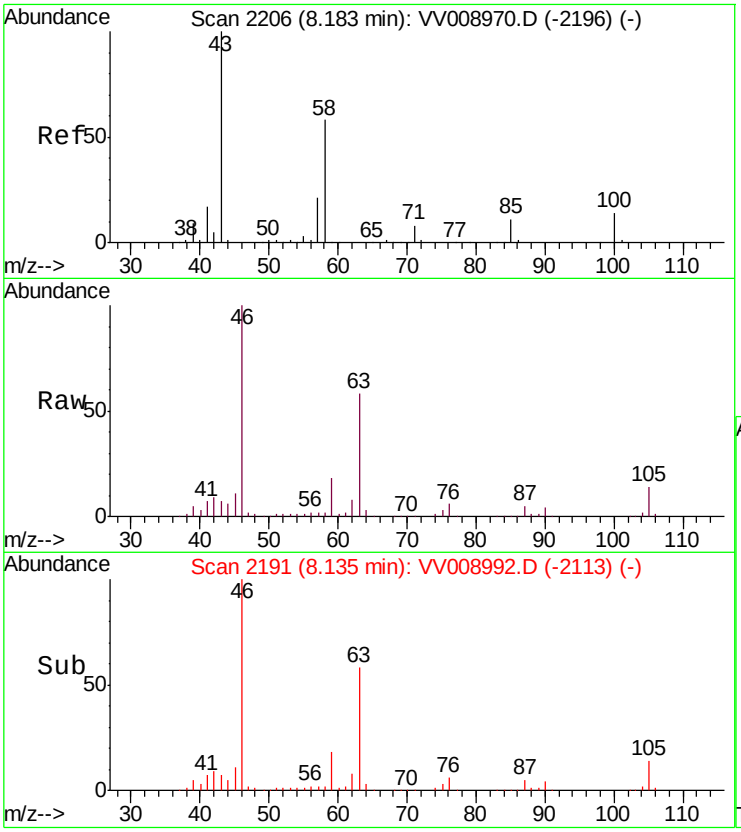


#44
trans-1,3-Dichloropropene
Concen: 0.729 ug/L
RT: 7.67 min Scan# 2045
Delta R.T. -0.03 min
Lab File: VV008992.D
Acq: 17 Dec 2018 20:29

Tgt Ion: 75 Resp: 1449

Ion	Ratio	Lower	Upper
75	100		
77	36.9	21.6	40.2



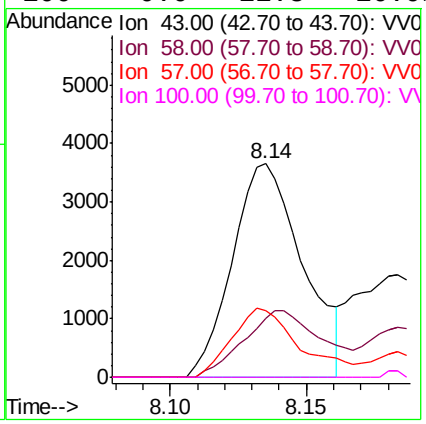


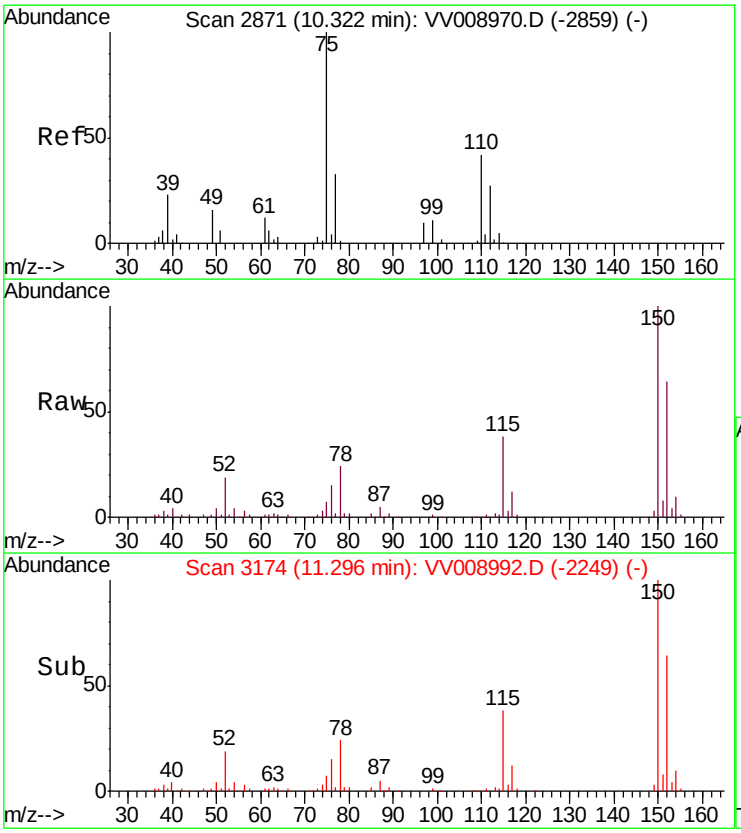
#48
2-Hexanone
Concen: 5.096 ug/L
RT: 8.14 min Scan# 2191
Delta R.T. -0.05 min
Lab File: VV008992.D
Acq: 17 Dec 2018 20:29

Instrument : MSVOA_V
ClientSampleId : C0LC4

Tgt Ion: 43 Resp: 6552

Ion	Ratio	Lower	Upper
43	100		
58	35.1	42.7	64.1#
57	31.1	15.7	23.5#
100	0.0	11.3	16.9#





#59
1,2,3-Trichloropropane
Concen: 4.915 ug/L
RT: 11.30 min Scan# 3174
Delta R.T. 0.97 min
Lab File: VV008992.D
Acq: 17 Dec 2018 20:29

Tgt Ion: 75 Resp: 8273

Ion	Ratio	Lower	Upper
75	100		
77	37.5	25.8	38.8