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

Quantitation Report (Not Reviewed)

Data File : VV008973.D
Acq On : 17 Dec 2018 12:31
Operator : SY/MD
Sample : J6367-03RE
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0L38RE

Quant Time: Dec 18 01:49:33 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	183763	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	166836	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	72543	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	62765	58.49	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 116.98%			
7) Chloroethane-d5	1.56	69	44179	65.41	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 130.82%#			
11) 1,1-Dichloroethene-d2	2.13	63	114880	45.33	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 90.66%			
21) 2-Butanone-d5	3.93	46	95447	133.21	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 133.21%#			
24) Chloroform-d	4.41	84	132545	57.89	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 115.78%			
26) 1,2-Dichloroethane-d4	5.08	65	84703	58.07	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 116.14%			
32) Benzene-d6	5.10	84	273607	60.86	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 121.72%			
36) 1,2-Dichloropropane-d6	6.12	67	83583	61.87	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 123.74%#			
41) Toluene-d8	7.36	98	253210	60.00	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 120.00%			
43) trans-1,3-Dichloropropene-	7.67	79	42216	61.61	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 123.22%			
47) 2-Hexanone-d5	8.14	63	66498	132.99	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 132.99%#			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	101949	58.45	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 116.90%			
64) 1,2-Dichlorobenzene-d4	11.68	152	91510	61.16	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 122.32%#			
Target Compounds						Qvalue
9) Trichlorofluoromethane	2.13	101	1033	0.504	ug/L #	38
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1033	0.824	ug/L #	18
12) 1,1-Dichloroethene	2.13	96	914	0.801	ug/L #	1
13) Acetone	2.19	43	2688	2.495	ug/L	94
33) Benzene	5.10	78	2165	0.471	ug/L	100
34) Trichloroethene	5.96	95	1209	0.911	ug/L	91
35) Methylcyclohexane	6.12	83	21041	10.687	ug/L #	20
37) 1,2-Dichloropropane	6.12	63	9336	7.852	ug/L #	86
39) cis-1,3-Dichloropropene	7.03	75	2591	1.366	ug/L #	64
44) trans-1,3-Dichloropropene	7.67	75	1997	1.130	ug/L	90
48) 2-Hexanone	8.18	43	3441	3.008	ug/L #	42
59) 1,2,3-Trichloropropane	11.30	75	7898	5.275	ug/L	95

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

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

Quantitation Report (Not Reviewed)

Data File : VV008973.D
Acq On : 17 Dec 2018 12:31
Operator : SY/MD
Sample : J6367-03RE
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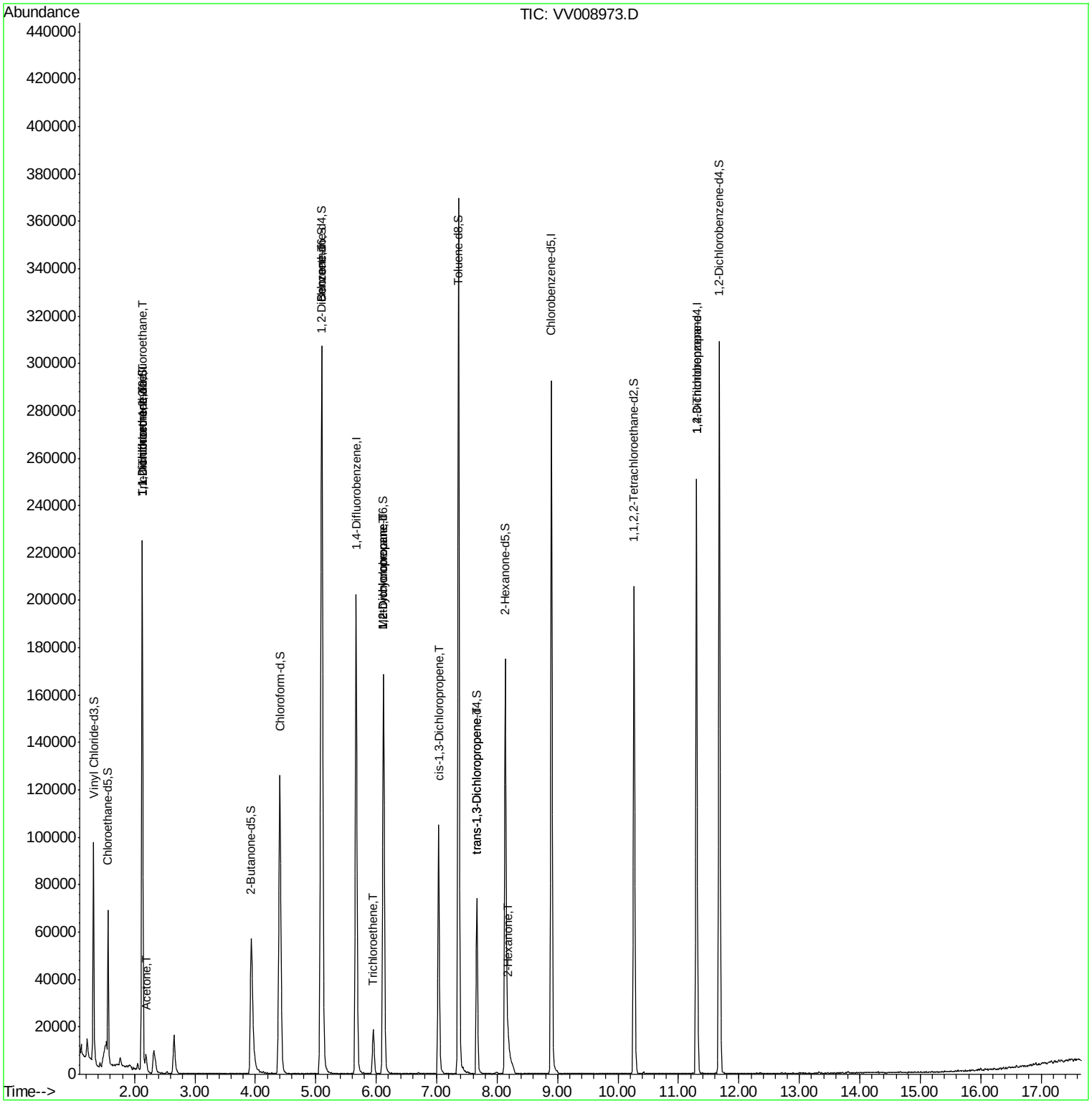
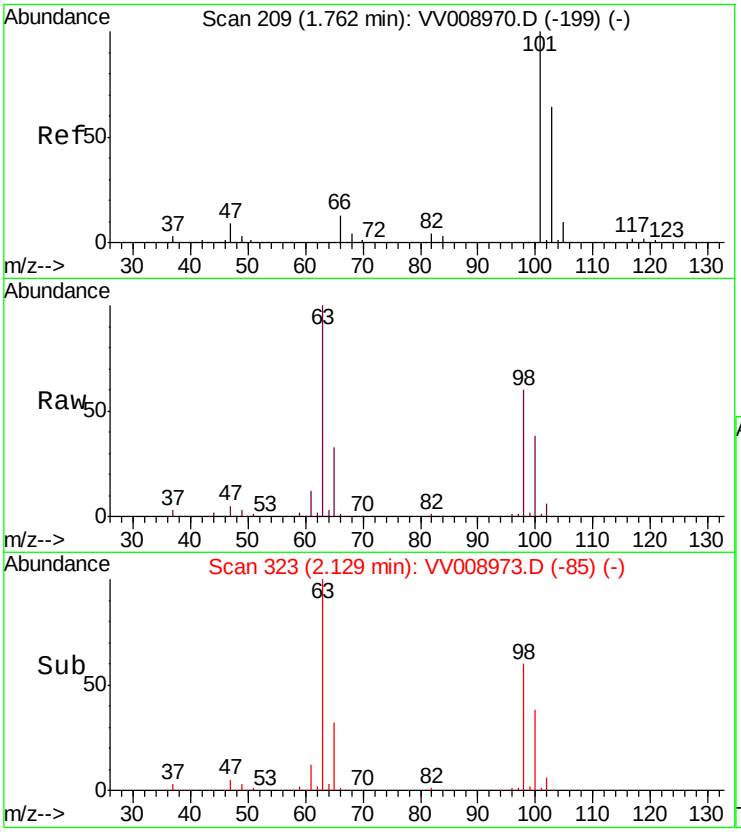
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0L38RE

Quant Time: Dec 18 01:49:33 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



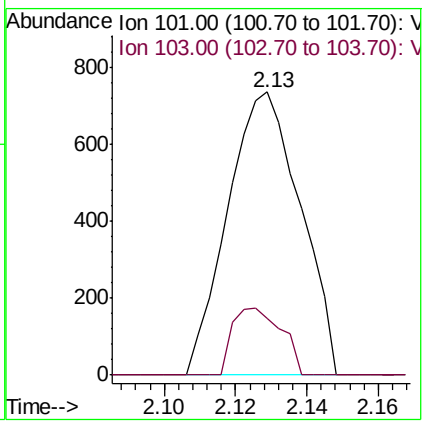


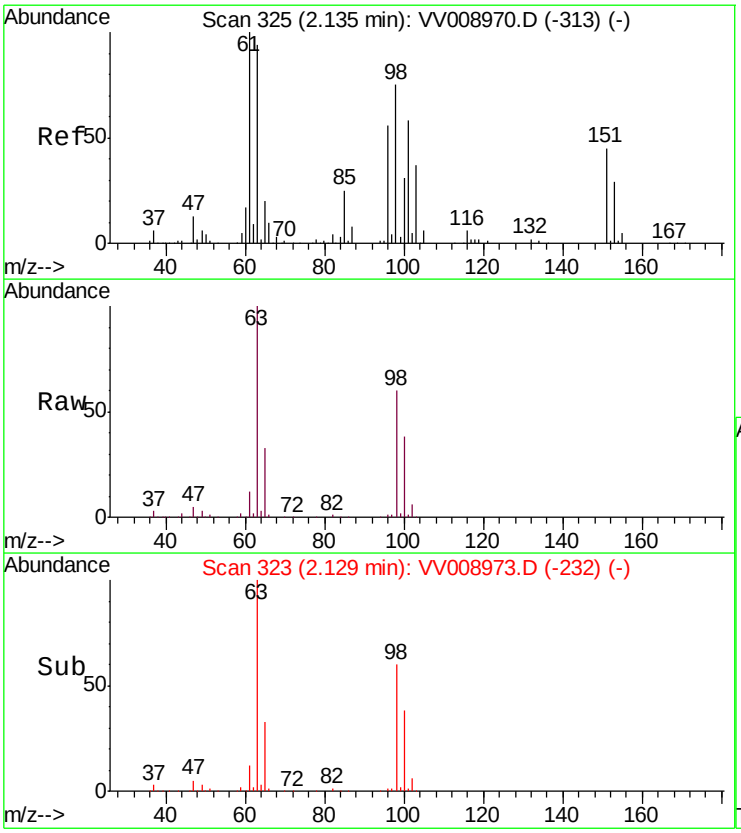
#9
Trichlorofluoromethane
Concen: 0.504 ug/L
RT: 2.13 min Scan# 323
Delta R.T. 0.37 min
Lab File: VV008973.D
Acq: 17 Dec 2018 12:31

Instrument :
MSVOA_V
ClientSampleId :
C0L38RE

Tgt Ion:101 Resp: 1033

Ion	Ratio	Lower	Upper
101	100		
103	16.1	51.5	77.3#

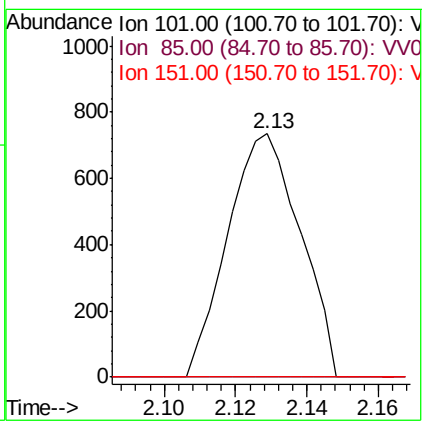


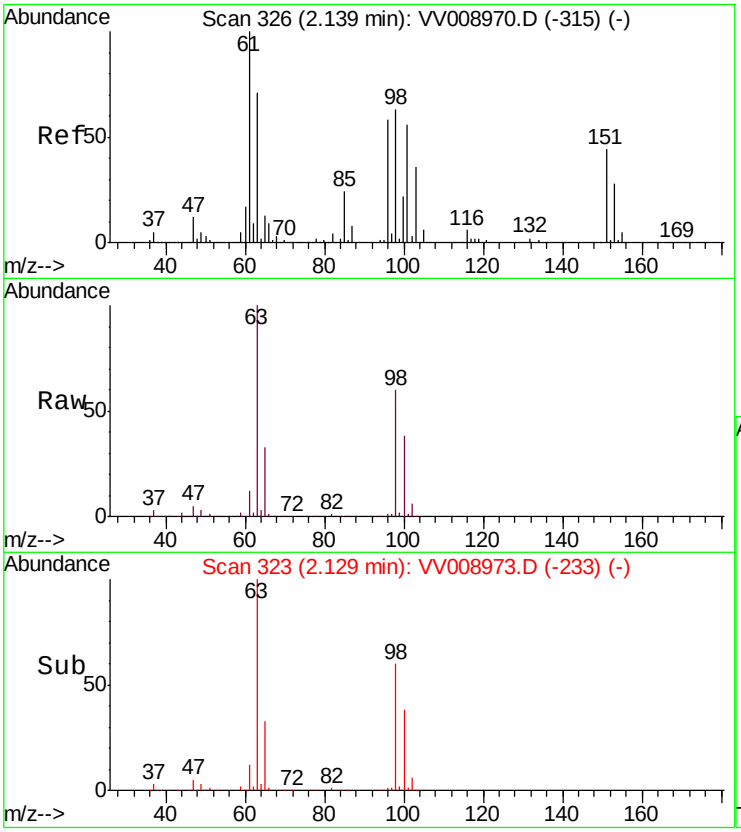


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.824 ug/L
RT: 2.13 min Scan# 323
Delta R.T. -0.01 min
Lab File: VV008973.D
Acq: 17 Dec 2018 12:31

Tgt Ion:101 Resp: 1033

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



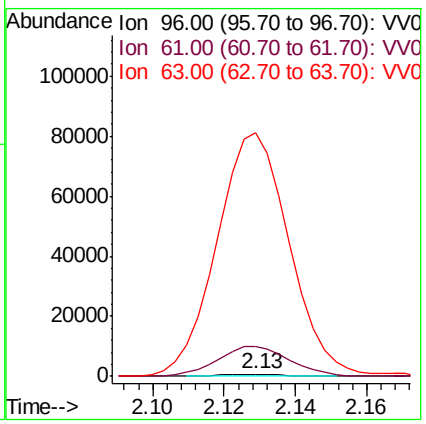


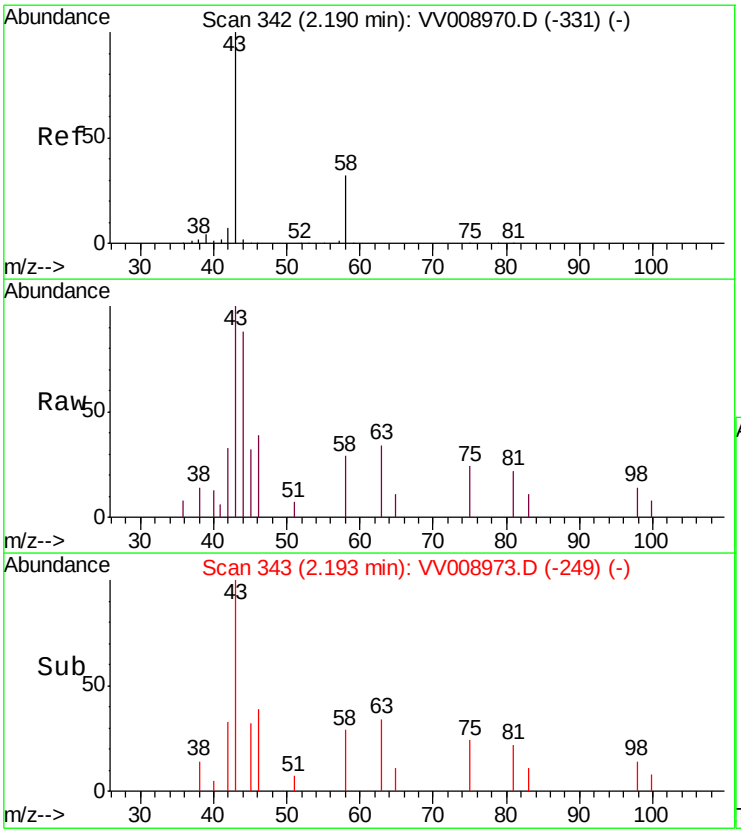
#12
1,1-Dichloroethene
Concen: 0.801 ug/L
RT: 2.13 min Scan# 323
Delta R.T. -0.01 min
Lab File: VV008973.D
Acq: 17 Dec 2018 12:31

Instrument : MSVOA_V
ClientSampleId : C0L38RE

Tgt Ion: 96 Resp: 914

Ion	Ratio	Lower	Upper
96	100		
61	1335.4	119.1	221.3#
63	10743.3	96.0	178.2#

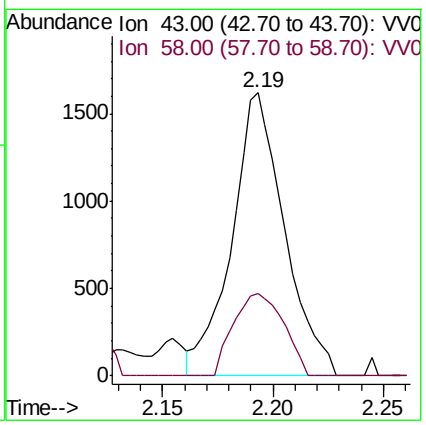


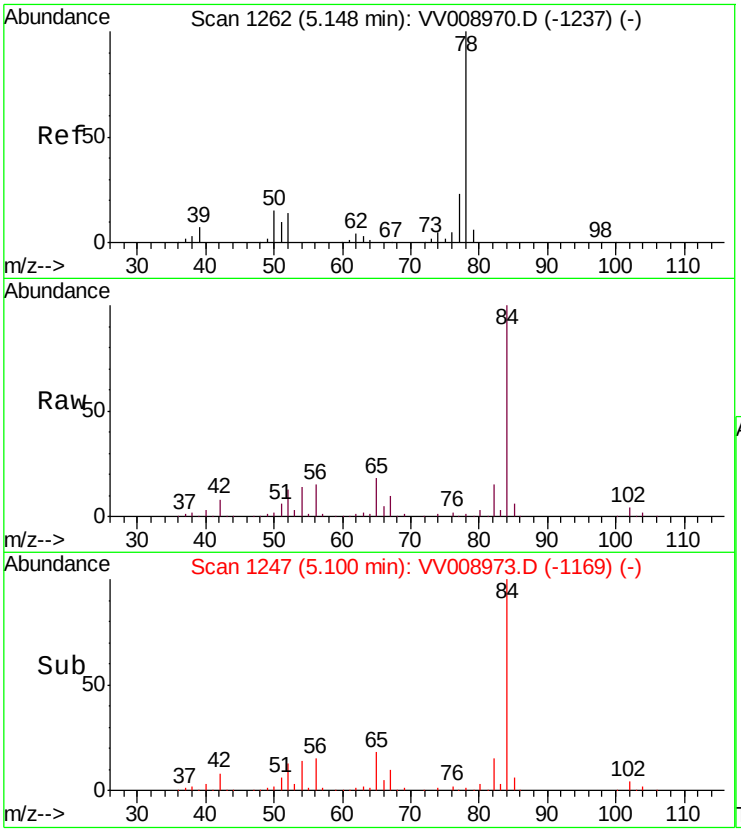


#13
Acetone
Concen: 2.495 ug/L
RT: 2.19 min Scan# 343
Delta R.T. 0.00 min
Lab File: VV008973.D
Acq: 17 Dec 2018 12:31

Tgt Ion: 43 Resp: 2688

Ion	Ratio	Lower	Upper
43	100		
58	27.8	0.0	61.8

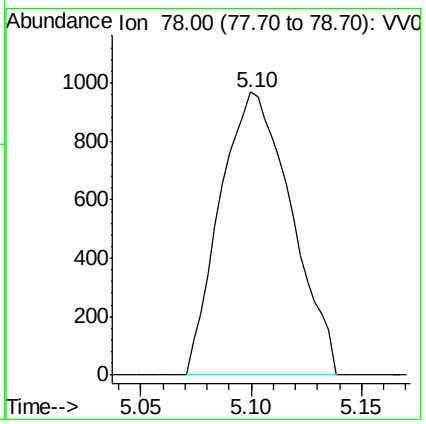


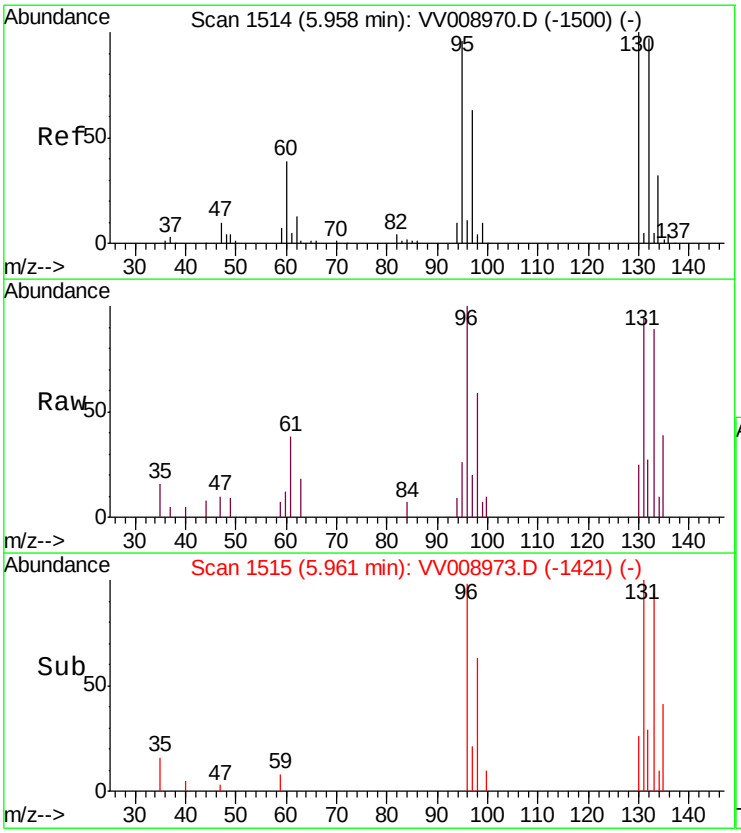


#33
Benzene
Concen: 0.471 ug/L
RT: 5.10 min Scan# 1247
Delta R.T. -0.05 min
Lab File: VV008973.D
Acq: 17 Dec 2018 12:31

Instrument :
MSVOA_V
ClientSampleId :
C0L38RE

Tgt Ion: 78 Resp: 2165

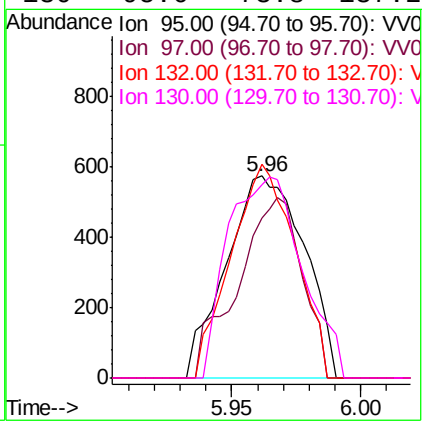


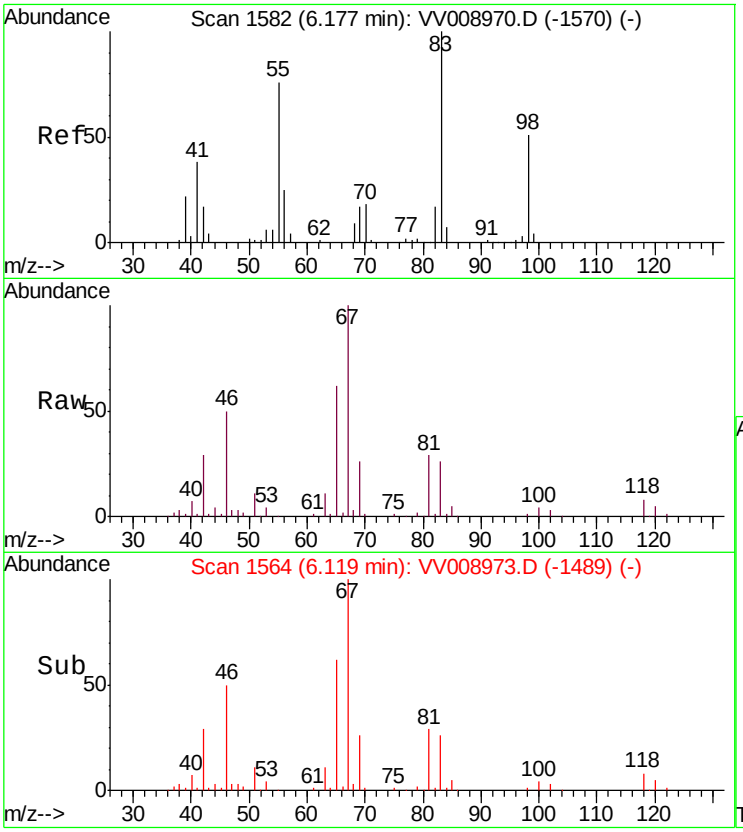


#34
Trichloroethene
Concen: 0.911 ug/L
RT: 5.96 min Scan# 1515
Delta R.T. 0.00 min
Lab File: VV008973.D
Acq: 17 Dec 2018 12:31

Tgt Ion: 95 Resp: 1209

Ion	Ratio	Lower	Upper
95	100		
97	79.1	45.7	84.9
132	105.6	72.2	134.2
130	95.6	73.8	137.2



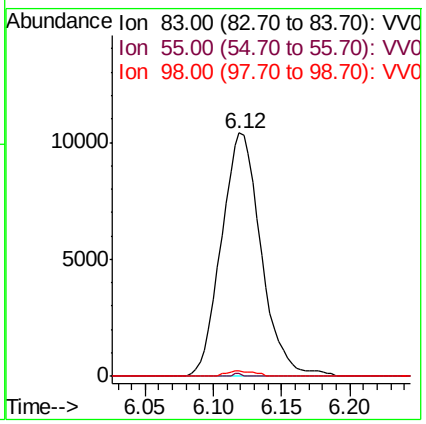


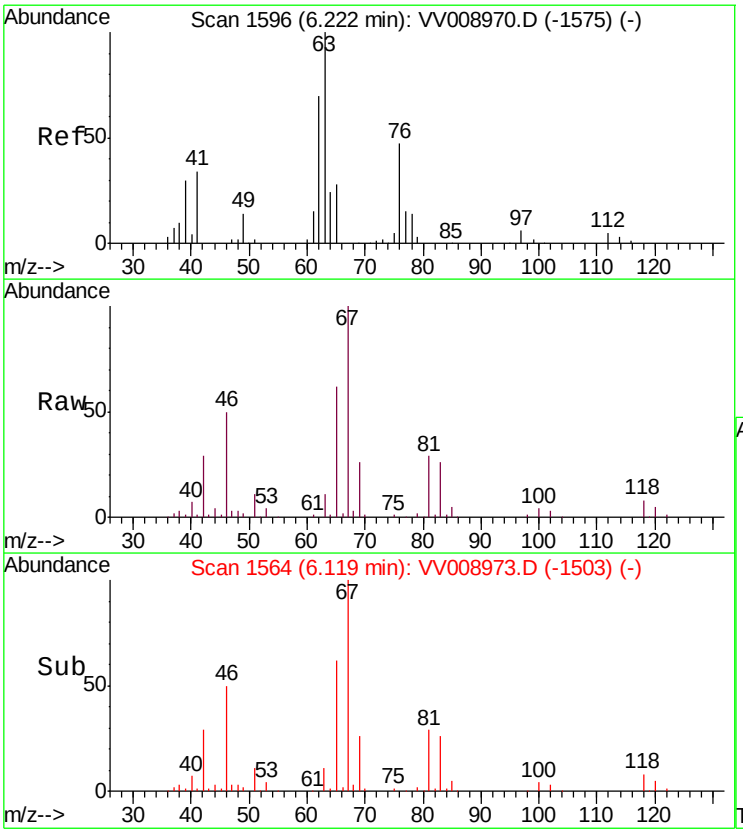
#35
Methylcyclohexane
Concen: 10.687 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.06 min
Lab File: VV008973.D
Acq: 17 Dec 2018 12:31

Instrument : MSVOA_V
ClientSampleId : C0L38RE

Tgt Ion: 83 Resp: 21041

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

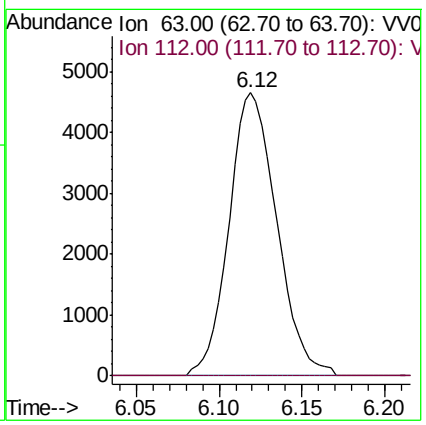


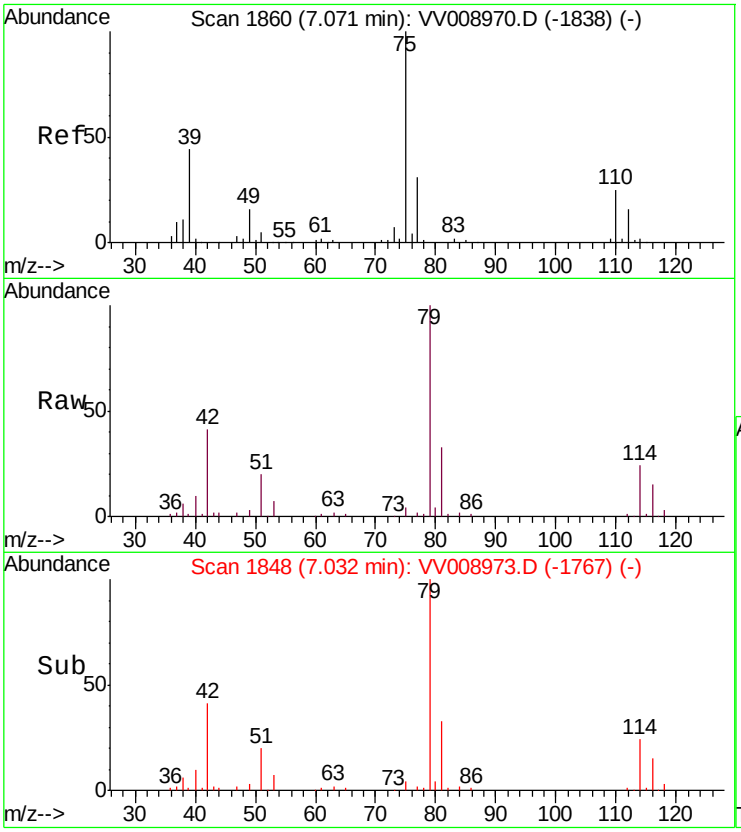


#37
1,2-Dichloropropane
Concen: 7.852 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.10 min
Lab File: VV008973.D
Acq: 17 Dec 2018 12:31

Tgt Ion: 63 Resp: 9336

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.8	5.6#



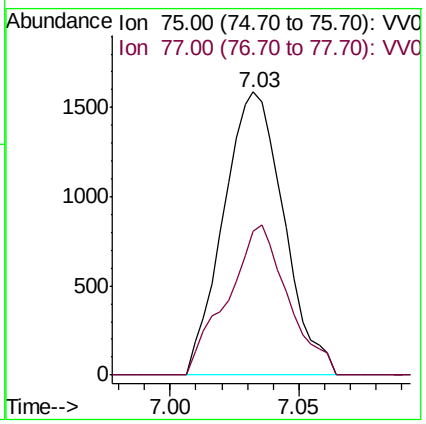


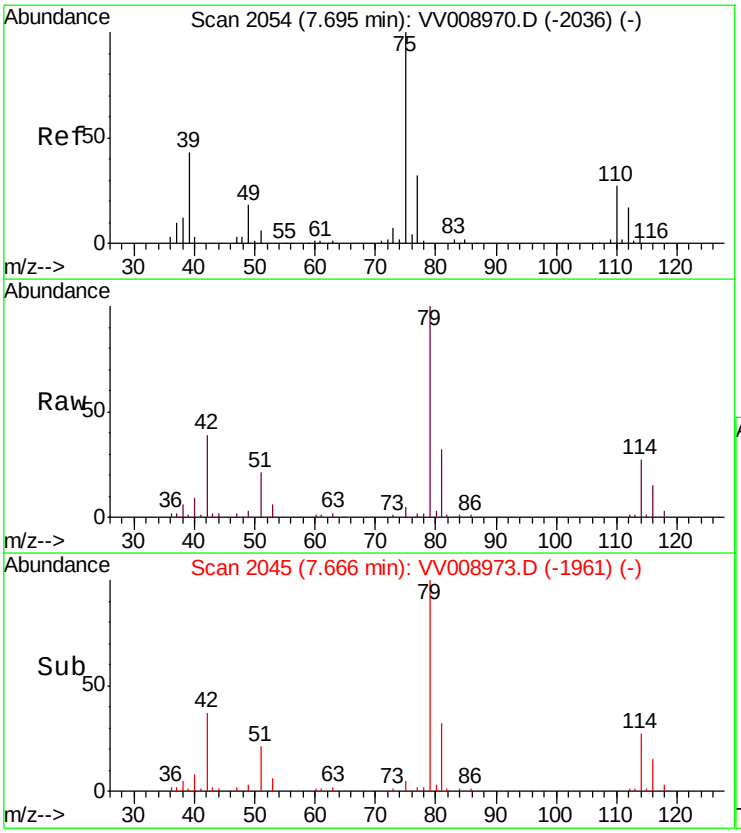
#39
cis-1,3-Dichloropropene
Concen: 1.366 ug/L
RT: 7.03 min Scan# 1848
Delta R.T. -0.04 min
Lab File: VV008973.D
Acq: 17 Dec 2018 12:31

Instrument :
MSVOA_V
ClientSampleId :
C0L38RE

Tgt Ion: 75 Resp: 2591

Ion	Ratio	Lower	Upper
75	100		
77	50.8	21.8	40.4#

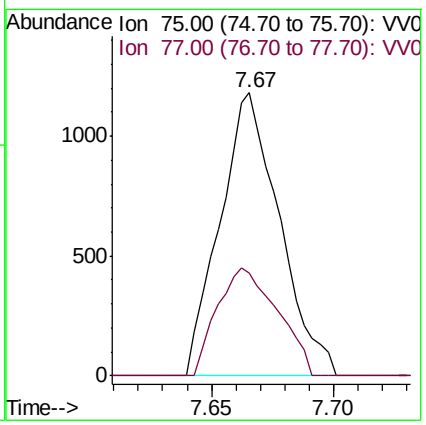


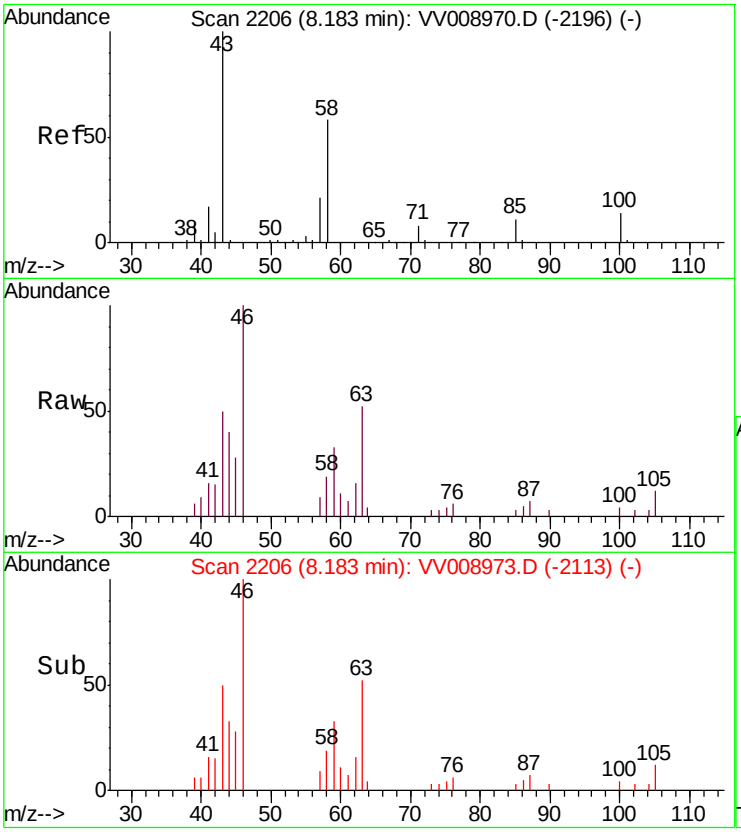


#44
trans-1,3-Dichloropropene
Concen: 1.130 ug/L
RT: 7.67 min Scan# 2045
Delta R.T. -0.03 min
Lab File: VV008973.D
Acq: 17 Dec 2018 12:31

Tgt Ion: 75 Resp: 1997

Ion	Ratio	Lower	Upper
75	100		
77	36.5	21.6	40.2



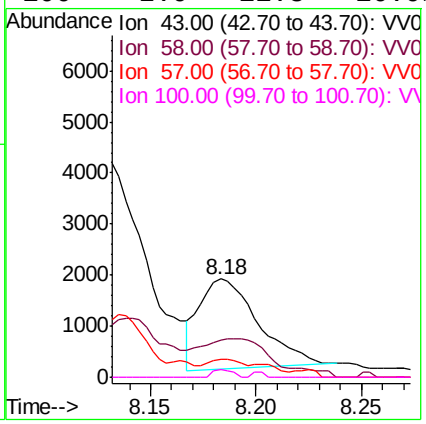


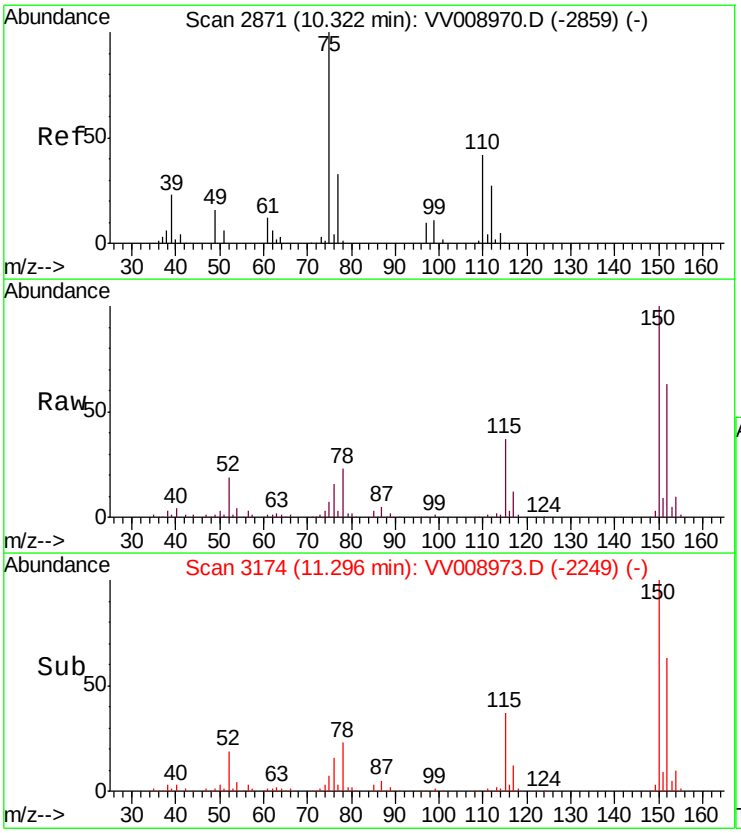
#48
2-Hexanone
Concen: 3.008 ug/L
RT: 8.18 min Scan# 2206
Delta R.T. -0.00 min
Lab File: VV008973.D
Acq: 17 Dec 2018 12:31

Instrument : MSVOA_V
ClientSampleId : C0L38RE

Tgt Ion: 43 Resp: 3441

Ion	Ratio	Lower	Upper
43	100		
58	0.0	42.7	64.1#
57	4.2	15.7	23.5#
100	2.9	11.3	16.9#





#59
1,2,3-Trichloropropane
Concen: 5.275 ug/L
RT: 11.30 min Scan# 3174
Delta R.T. 0.97 min
Lab File: VV008973.D
Acq: 17 Dec 2018 12:31

Tgt Ion: 75 Resp: 7898

Ion	Ratio	Lower	Upper
75	100		
77	35.3	25.8	38.8