Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV022120\
Data File : VV014671.D
Acq On : 21 Feb 2020 22:42
Operator : SY/MD
Sample : L1607-02DL 100X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId :

Quant Time: Feb 24 04:38:14 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM022120WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Feb 24 04:25:56 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	228069	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	211098	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	101912	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	34507	38.74	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 77.48%			
7) Chloroethane-d5	1.59	69	27049	41.90	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 83.80%			
11) 1,1-Dichloroethene-d2	2.13	63	56097	33.79	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 67.58%			
21) 2-Butanone-d5	3.95	46	79901	96.50	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 96.50%			
24) Chloroform-d	4.40	84	130629	44.79	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 89.58%			
26) 1,2-Dichloroethane-d4	5.08	65	90208	48.39	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 96.78%			
32) Benzene-d6	5.10	84	264003	47.25	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 94.50%			
36) 1,2-Dichloropropane-d6	6.11	67	79879	49.03	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 98.06%			
41) Toluene-d8	7.36	98	245524	45.62	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 91.24%			
43) trans-1,3-Dichloropropene-	7.66	79	40490	44.36	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 88.72%			
47) 2-Hexanone-d5	8.14	63	62043	95.02	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 95.02%			
57) 1,1,2,2-Tetrachloroethane-	10.25	84	109559	48.53	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 97.06%			
64) 1,2-Dichlorobenzene-d4	11.67	152	96787	48.54	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 97.08%			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	580	0.751	ug/L #	17
12) 1,1-Dichloroethene	2.13	96	594	0.854	ug/L #	1
25) Chloroform	4.42	83	5896	2.086	ug/L	95
34) Trichloroethene	5.96	95	142121	89.680	ug/L	98
35) Methylcyclohexane	6.11	83	21416	9.467	ug/L #	21
37) 1,2-Dichloropropane	6.11	63	9696	7.282	ug/L #	86
39) cis-1,3-Dichloropropene	7.03	75	2892	1.216	ug/L #	77
44) trans-1,3-Dichloropropene	7.66	75	2231	1.034	ug/L	93
48) 2-Hexanone	8.14	43	8185	6.327	ug/L #	72

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

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ClientSampleId :

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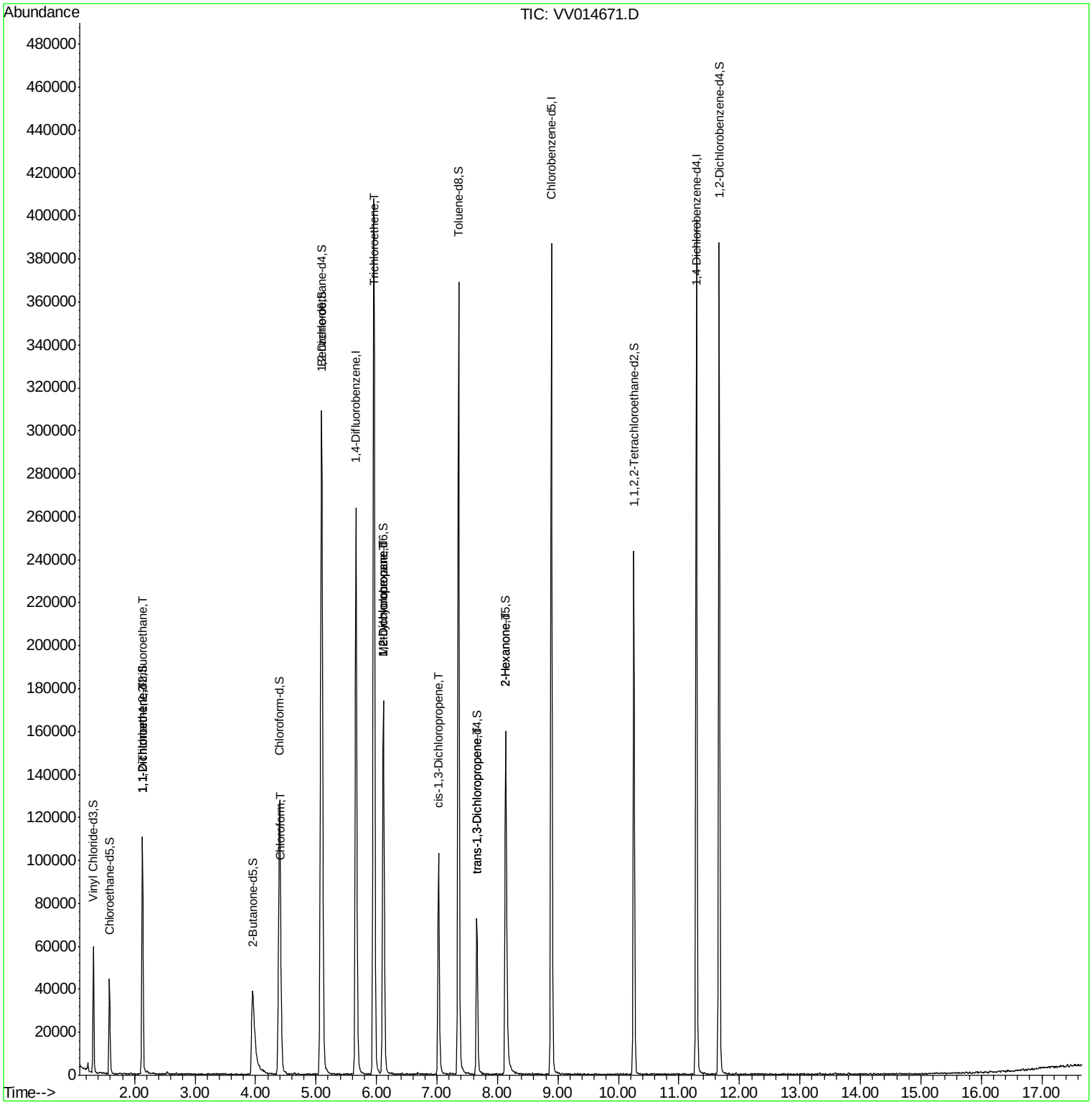
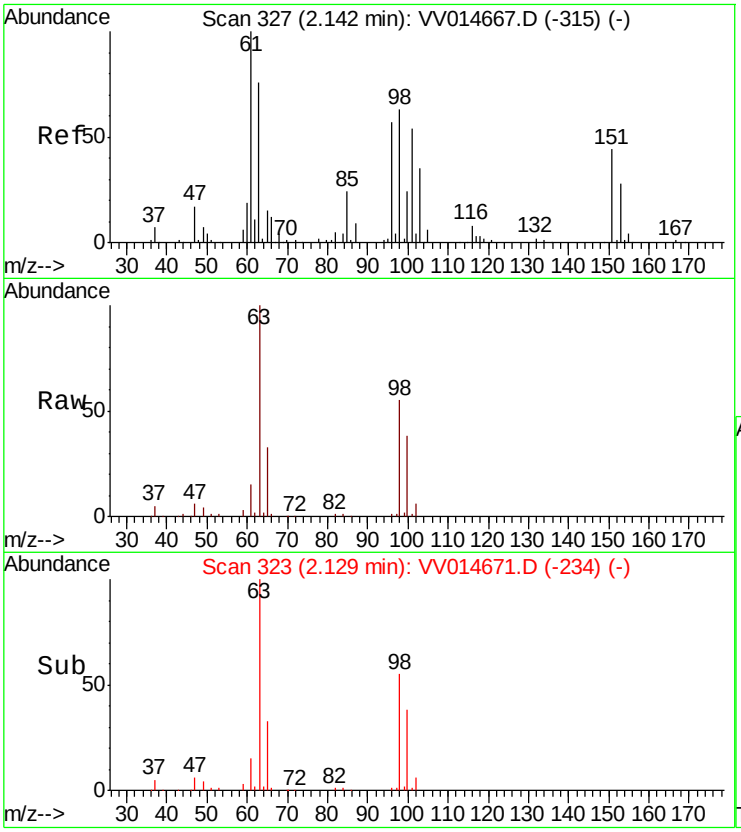
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM022120WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Feb 24 04:25:56 2020
Response via : Initial Calibration



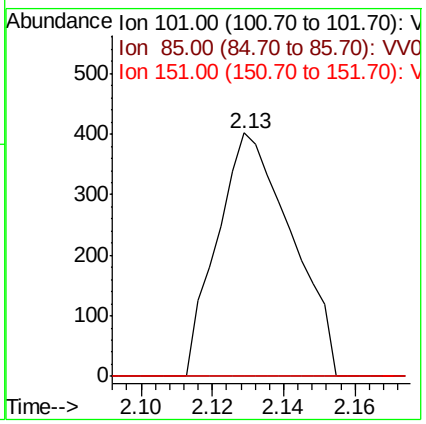


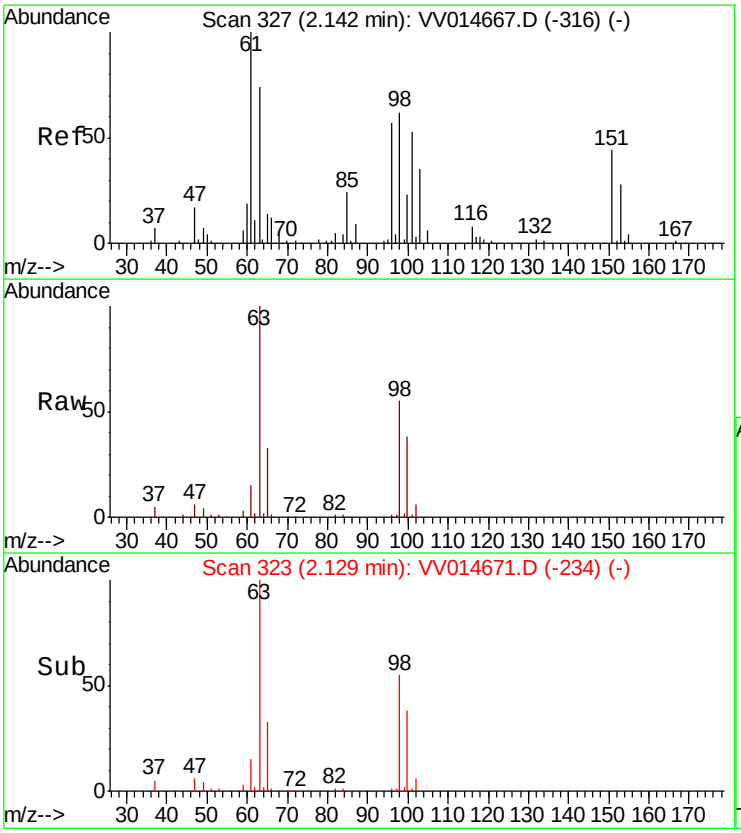
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.751 ug/L
RT: 2.13 min Scan# 323
Delta R.T. -0.01 min
Lab File: VV014671.D
Acq: 21 Feb 2020 22:42

Instrument : MSVOA_V
ClientSampleId :

Tgt Ion:101 Resp: 580

Ion	Ratio	Lower	Upper
101	100		
85	0.0	37.3	55.9#
151	0.0	64.6	96.8#

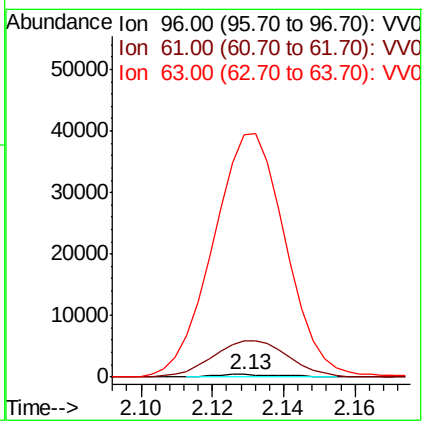


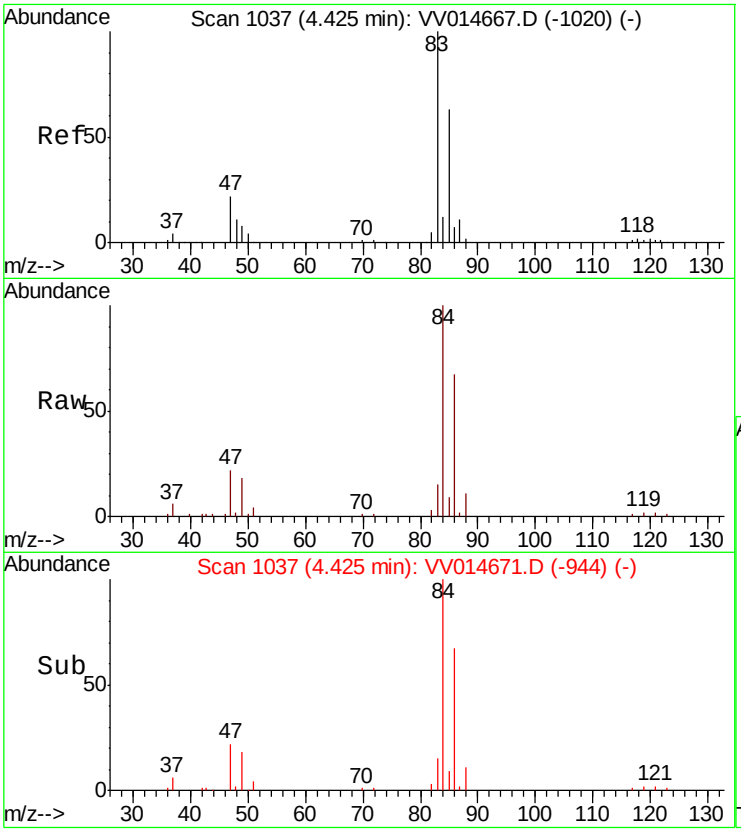


#12
1,1-Dichloroethene
Concen: 0.854 ug/L
RT: 2.13 min Scan# 323
Delta R.T. -0.01 min
Lab File: VV014671.D
Acq: 21 Feb 2020 22:42

Tgt Ion: 96 Resp: 594

Ion	Ratio	Lower	Upper
96	100		
61	1329.8	124.5	231.1#
63	8970.9	98.1	182.1#



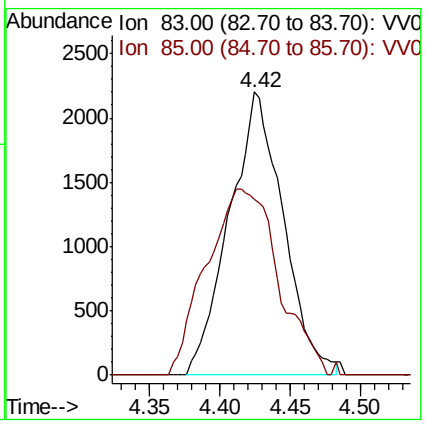


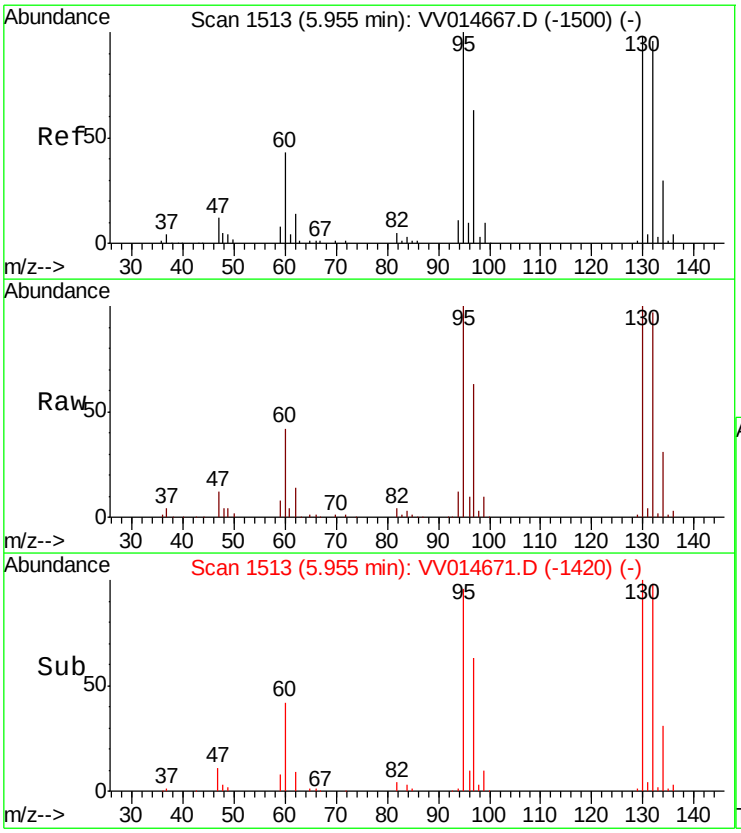
#25
Chloroform
Concen: 2.086 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. 0.00 min
Lab File: VV014671.D
Acq: 21 Feb 2020 22:42

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 83 Resp: 5896

Ion	Ratio	Lower	Upper
83	100		
85	62.2	46.1	85.7

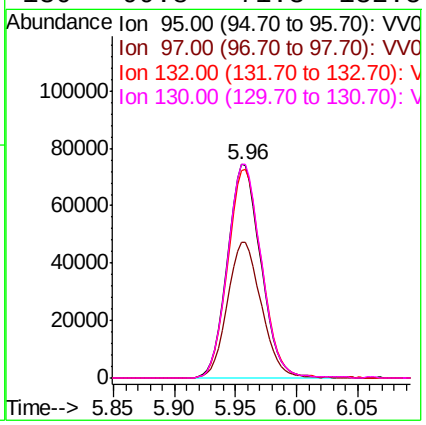


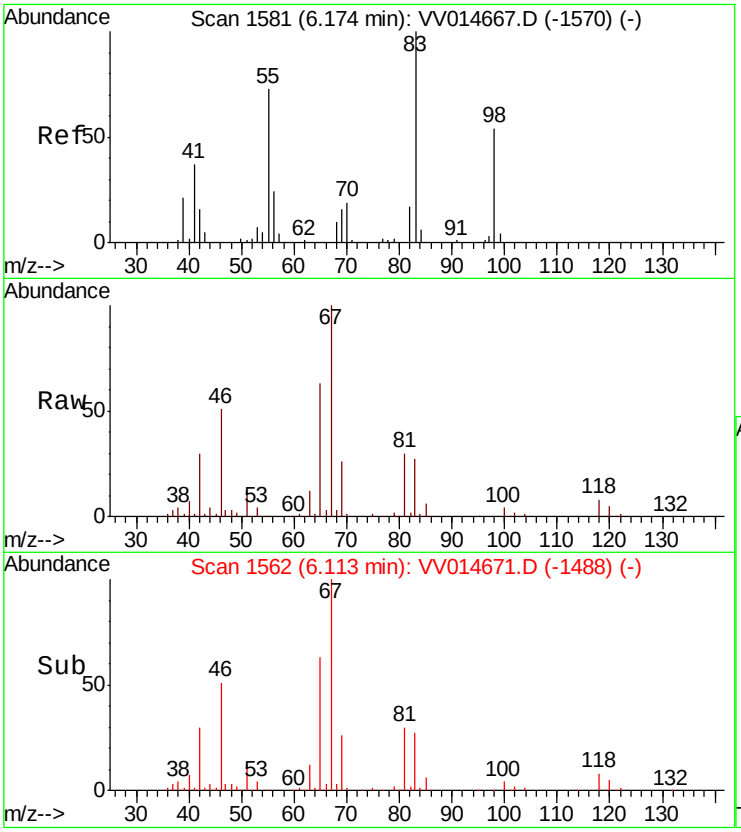


#34
Trichloroethene
Concen: 89.680 ug/L
RT: 5.96 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VV014671.D
Acq: 21 Feb 2020 22:42

Tgt Ion: 95 Resp: 142121

Ion	Ratio	Lower	Upper
95	100		
97	63.3	44.3	82.3
132	97.4	69.7	129.4
130	99.8	71.3	132.5



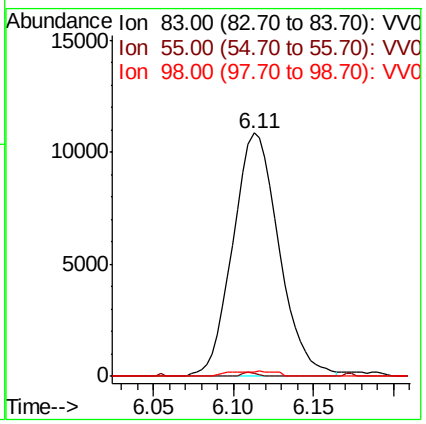


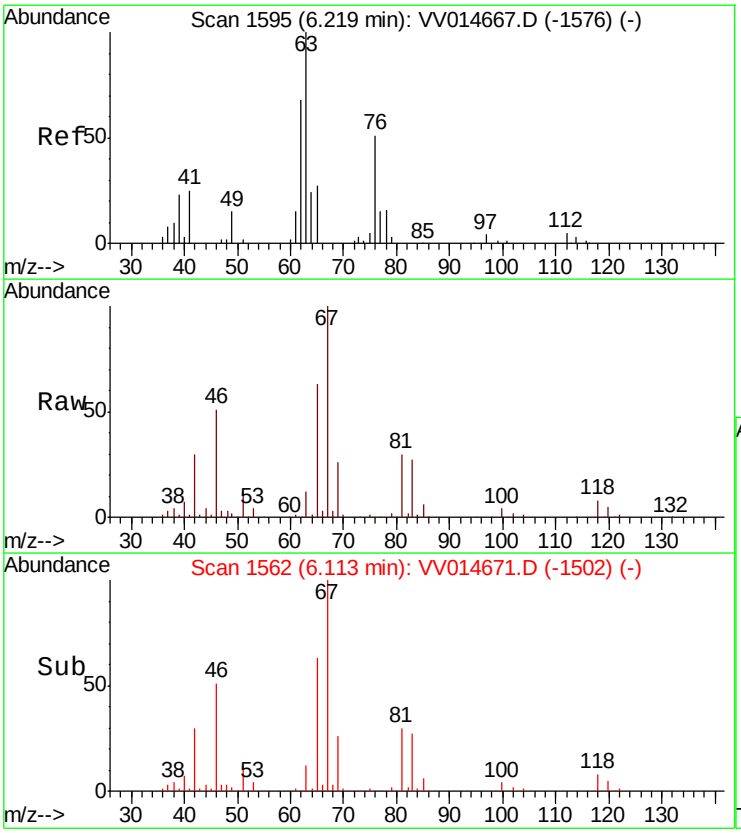
#35
Methylcyclohexane
Concen: 9.467 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.06 min
Lab File: VV014671.D
Acq: 21 Feb 2020 22:42

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 83 Resp: 21416

Ion	Ratio	Lower	Upper
83	100		
55	0.5	56.1	84.1#
98	1.1	40.4	60.6#

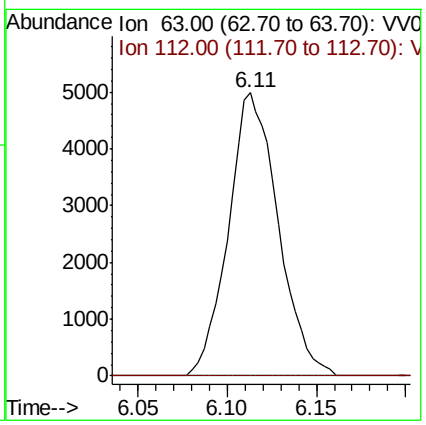


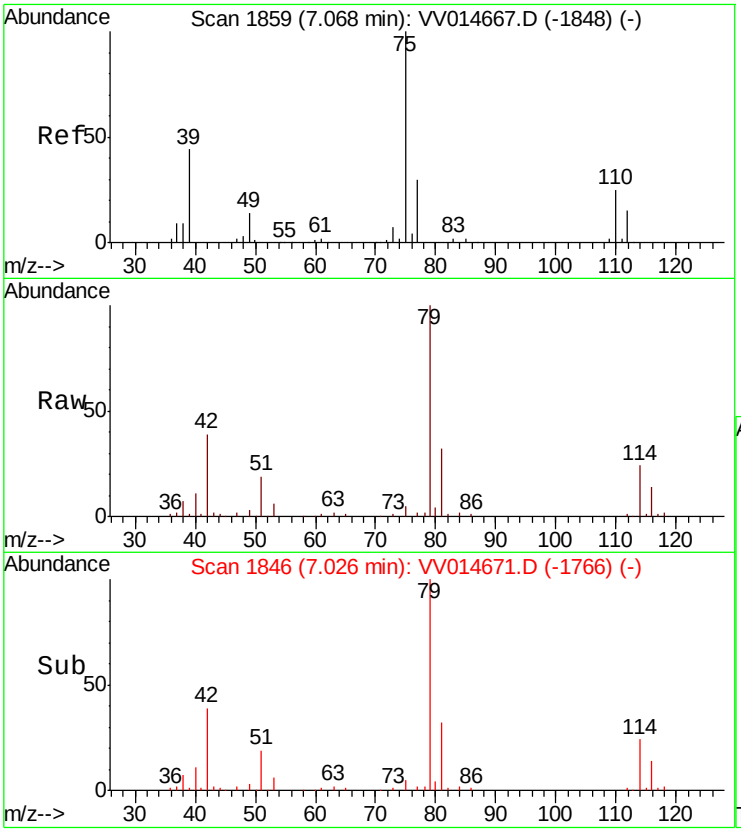


#37
1,2-Dichloropropane
Concen: 7.282 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.11 min
Lab File: VV014671.D
Acq: 21 Feb 2020 22:42

Tgt Ion: 63 Resp: 9696

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.8	5.6#



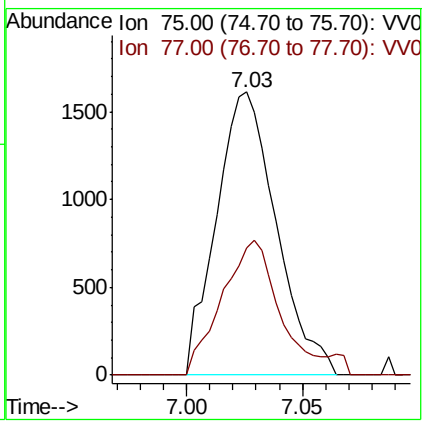


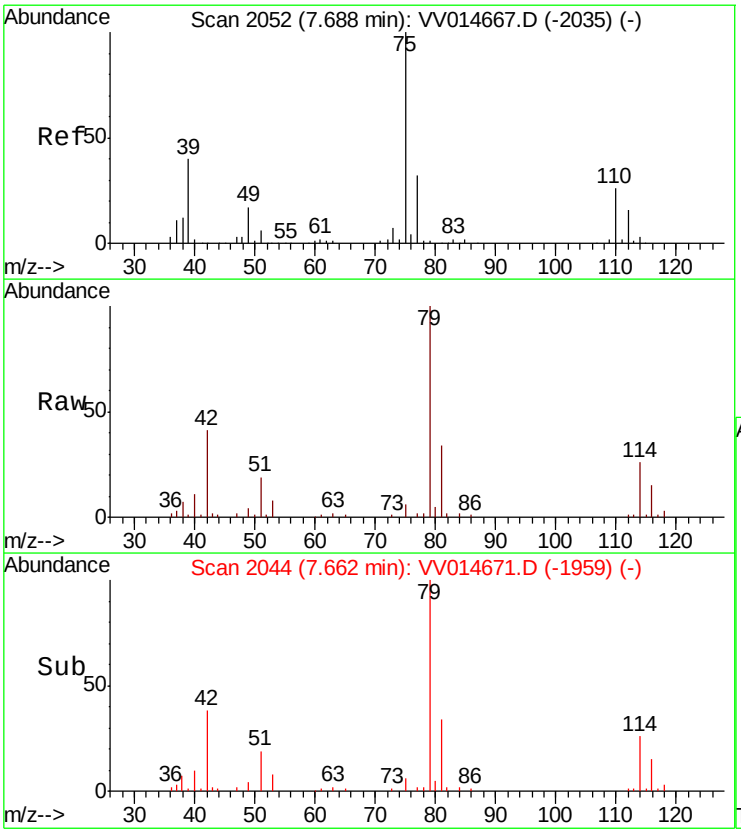
#39
cis-1,3-Dichloropropene
Concen: 1.216 ug/L
RT: 7.03 min Scan# 1846
Delta R.T. -0.04 min
Lab File: VV014671.D
Acq: 21 Feb 2020 22:42

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 75 Resp: 2892

Ion	Ratio	Lower	Upper
75	100		
77	44.7	22.4	41.6#

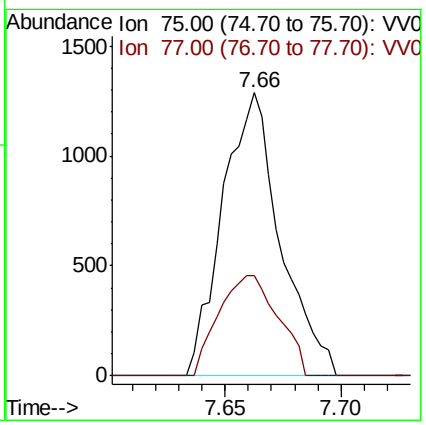


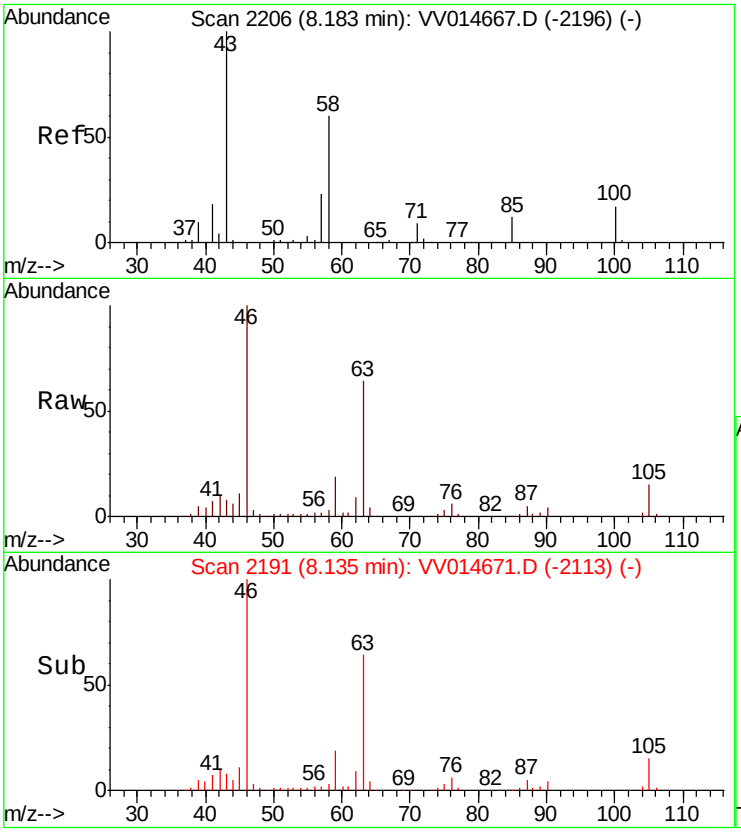


#44
trans-1,3-Dichloropropene
Concen: 1.034 ug/L
RT: 7.66 min Scan# 2044
Delta R.T. -0.03 min
Lab File: VV014671.D
Acq: 21 Feb 2020 22:42

Tgt Ion: 75 Resp: 2231

Ion	Ratio	Lower	Upper
75	100		
77	35.4	21.9	40.7





#48
2-Hexanone
Concen: 6.327 ug/L
RT: 8.14 min Scan# 2191
Delta R.T. -0.05 min
Lab File: VV014671.D
Acq: 21 Feb 2020 22:42

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 8185

Ion	Ratio	Lower	Upper
43	100		
58	37.3	49.4	74.2#
57	27.0	17.8	26.8#
100	0.0	13.1	19.7#