Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV082820\
Data File : VV018133.D
Acq On : 28 Aug 2020 13:10
Operator : SY/MD
Sample : L3800-20 10X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3G8

Quant Time: Aug 29 00:40:45 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081120WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Aug 29 00:38:30 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	278626	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	271893	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	131287	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	89746	42.22	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 84.44%			
7) Chloroethane-d5	1.58	69	81211	46.69	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 93.38%			
11) 1,1-Dichloroethene-d2	2.12	63	140390	34.52	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 69.04%			
21) 2-Butanone-d5	3.90	46	125051	89.81	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 89.81%			
24) Chloroform-d	4.37	84	177206	45.79	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 91.58%			
26) 1,2-Dichloroethane-d4	5.05	65	119072	47.37	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 94.74%			
32) Benzene-d6	5.07	84	354101	47.26	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 94.52%			
36) 1,2-Dichloropropane-d6	6.09	67	116712	47.64	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 95.28%			
41) Toluene-d8	7.33	98	307209	45.59	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 91.18%			
43) trans-1,3-Dichloropropene-	7.64	79	53277	47.95	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 95.90%			
47) 2-Hexanone-d5	8.11	63	66024	83.99	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 83.99%			
57) 1,1,2,2-Tetrachloroethane-	10.23	84	142273	44.60	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 89.20%			
64) 1,2-Dichlorobenzene-d4	11.65	152	133296	51.59	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 103.18%			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.13	96	1567	0.838	ug/L #	1
20) cis-1,2-Dichloroethene	3.93	96	287852	136.341	ug/L	98
25) Chloroform	4.40	83	6384	1.620	ug/L	94
34) Trichloroethene	5.94	95	72960	32.813	ug/L	99
35) Methylcyclohexane	6.09	83	27255	8.243	ug/L #	17
37) 1,2-Dichloropropane	6.09	63	13222	5.764	ug/L #	87
39) cis-1,3-Dichloropropene	7.01	75	3160	0.972	ug/L #	67
45) 1,1,2-Trichloroethane	7.99	97	1608	0.757	ug/L #	1
46) Tetrachloroethene	7.99	164	198152	121.513	ug/L	98
48) 2-Hexanone	8.16	43	5721	2.366	ug/L #	78
59) 1,2,3-Trichloropropane	11.27	75	15961	5.634	ug/L	94

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

Quantitation Report (Not Reviewed)

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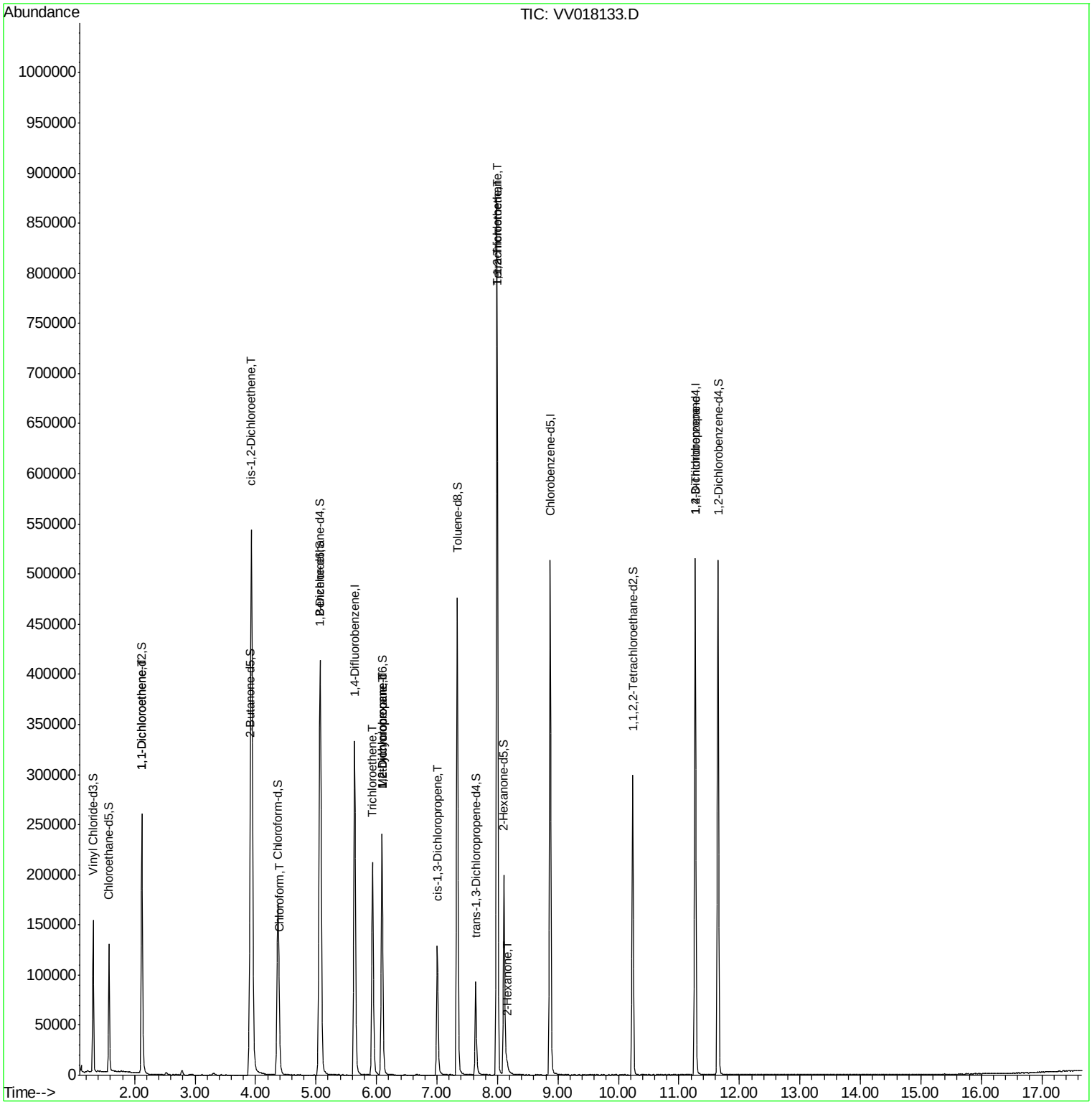
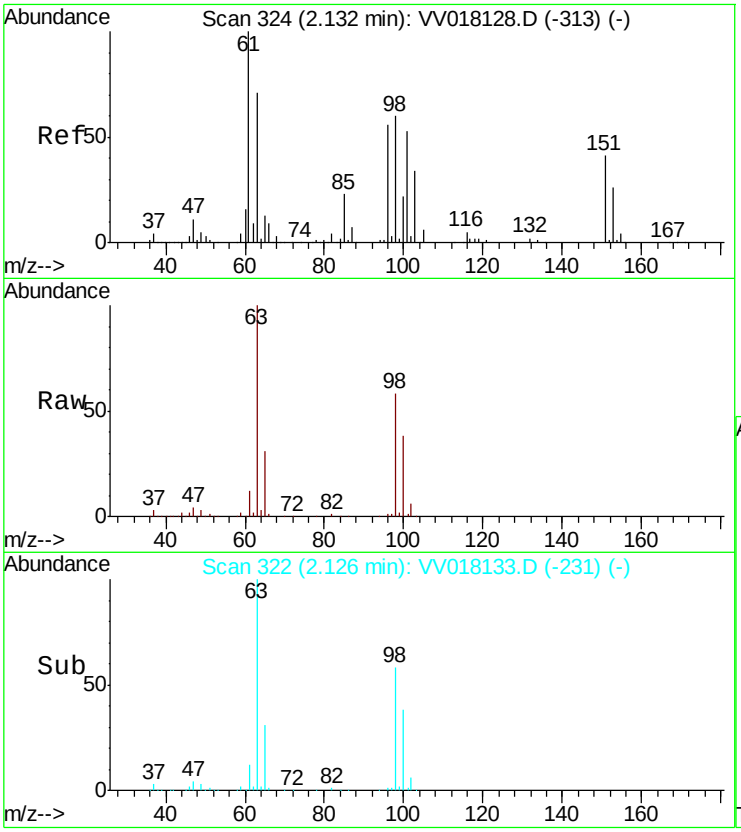
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3G8

Quant Time: Aug 29 00:40:45 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081120WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Aug 29 00:38:30 2020
Response via : Initial Calibration



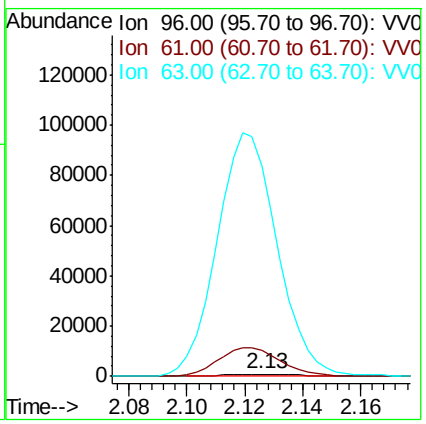


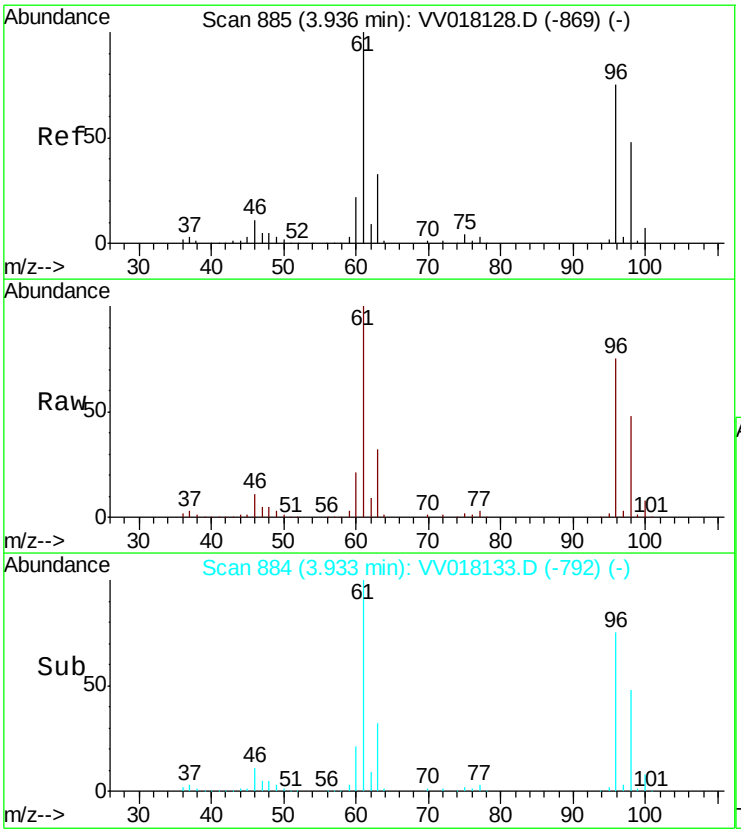
#12
1,1-Dichloroethene
Concen: 0.838 ug/L
RT: 2.13 min Scan# 322
Delta R.T. -0.01 min
Lab File: VV018133.D
Acq: 28 Aug 2020 13:10

Instrument : MSVOA_V
ClientSampleId : BG3G8

Tgt Ion: 96 Resp: 1567

Ion	Ratio	Lower	Upper
96	100		
61	1145.8	127.1	236.0#
63	9456.8	95.2	176.8#

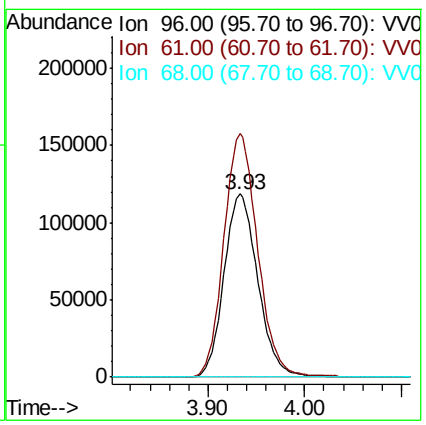


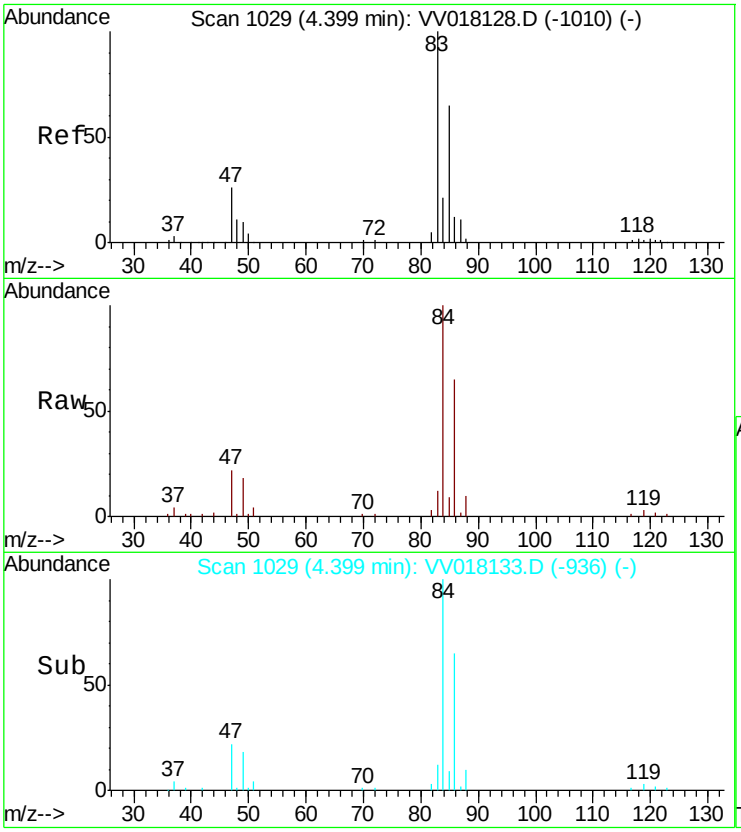


#20
cis-1,2-Dichloroethene
Concen: 136.341 ug/L
RT: 3.93 min Scan# 884
Delta R.T. -0.00 min
Lab File: VV018133.D
Acq: 28 Aug 2020 13:10

Tgt Ion: 96 Resp: 287852

Ion	Ratio	Lower	Upper
96	100		
61	133.0	95.0	176.4
68	0.0	0.0	0.0



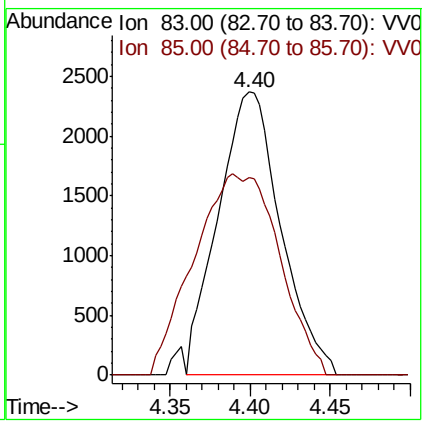


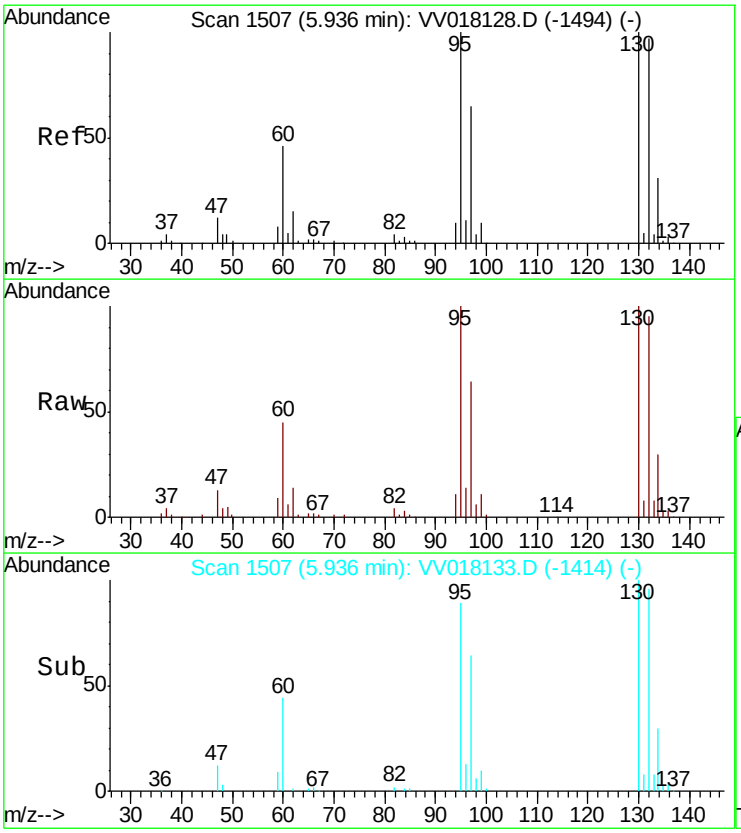
#25
Chloroform
Concen: 1.620 ug/L
RT: 4.40 min Scan# 1029
Delta R.T. 0.00 min
Lab File: VV018133.D
Acq: 28 Aug 2020 13:10

Instrument : MSVOA_V
ClientSampleId : BG3G8

Tgt Ion: 83 Resp: 6384

Ion	Ratio	Lower	Upper
83	100		
85	69.7	45.5	84.5

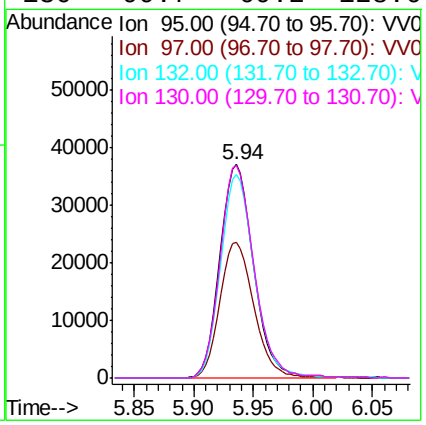


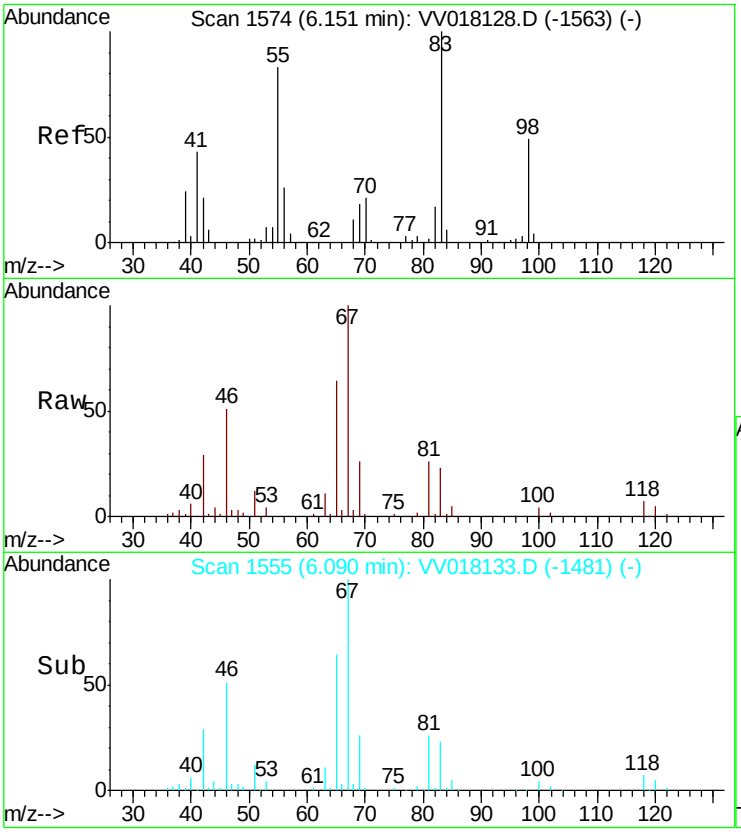


#34
Trichloroethene
Concen: 32.813 ug/L
RT: 5.94 min Scan# 1507
Delta R.T. 0.00 min
Lab File: VV018133.D
Acq: 28 Aug 2020 13:10

Tgt Ion: 95 Resp: 72960

Ion	Ratio	Lower	Upper
95	100		
97	63.7	46.0	85.4
132	95.3	65.8	122.2
130	99.7	69.2	128.6



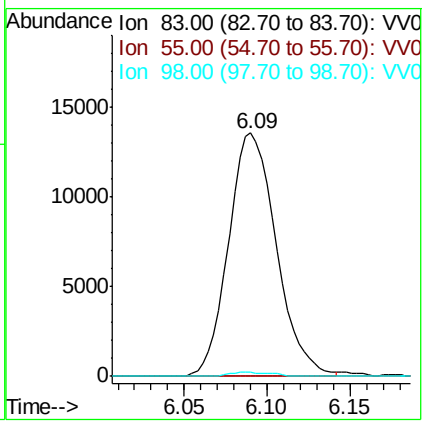


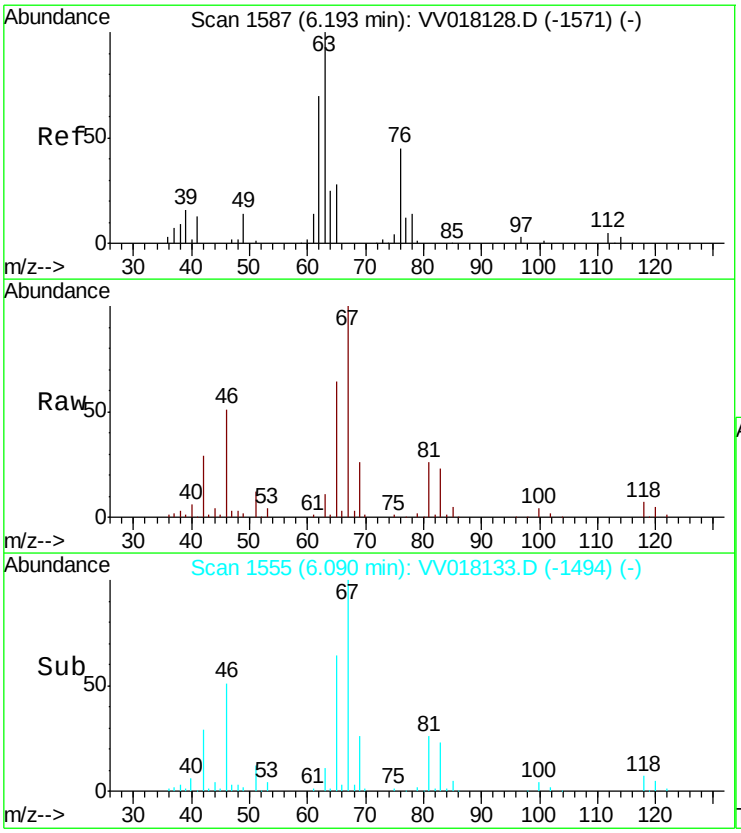
#35
Methylcyclohexane
Concen: 8.243 ug/L
RT: 6.09 min Scan# 1555
Delta R.T. -0.06 min
Lab File: VV018133.D
Acq: 28 Aug 2020 13:10

Instrument :
MSVOA_V
ClientSampleId :
BG3G8

Tgt Ion: 83 Resp: 27255

Ion	Ratio	Lower	Upper
83	100		
55	0.0	64.9	97.3#
98	1.5	38.7	58.1#

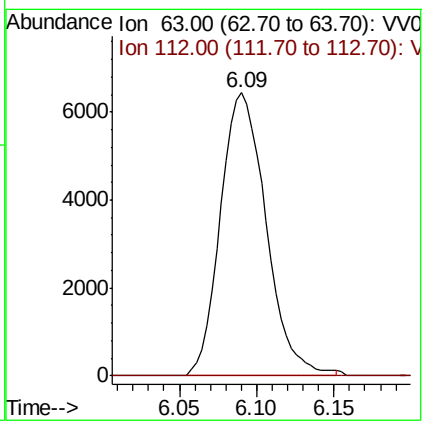


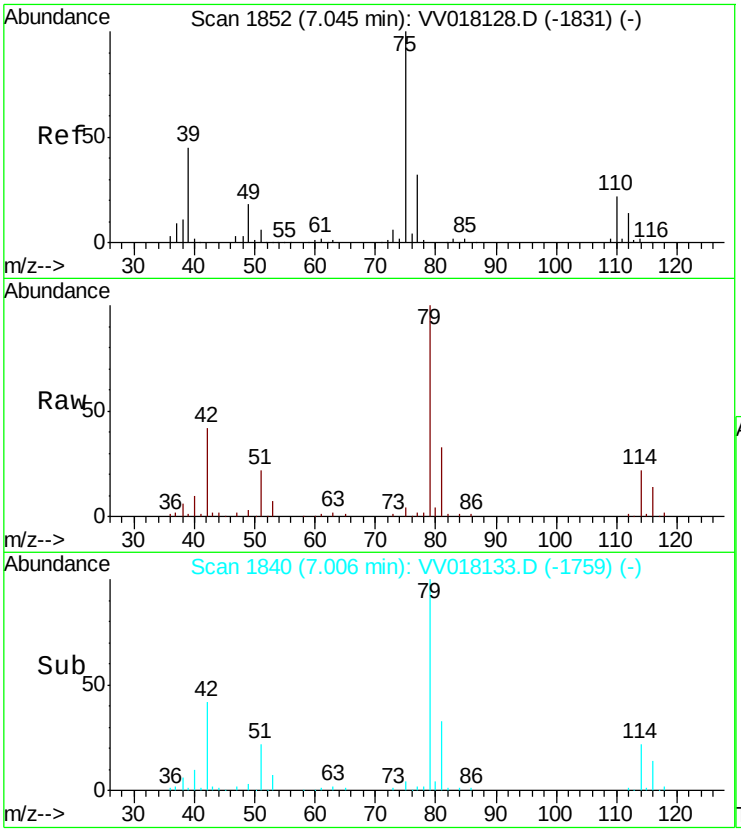


#37
1,2-Dichloropropane
Concen: 5.764 ug/L
RT: 6.09 min Scan# 1555
Delta R.T. -0.10 min
Lab File: VV018133.D
Acq: 28 Aug 2020 13:10

Tgt Ion: 63 Resp: 13222

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.5	5.3#



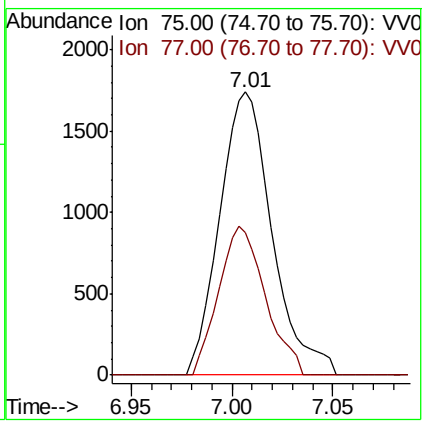


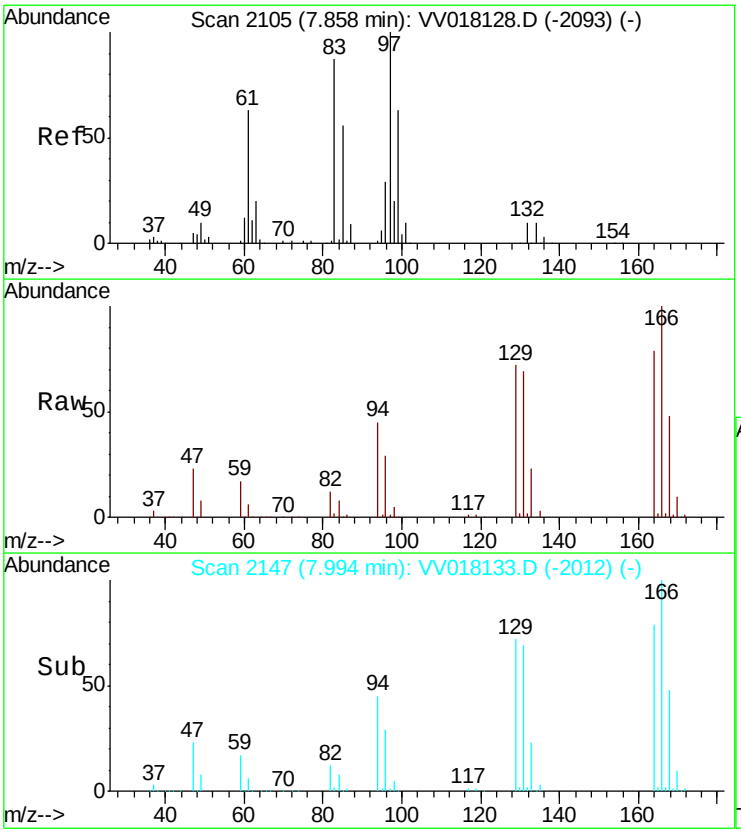
#39
cis-1,3-Dichloropropene
Concen: 0.972 ug/L
RT: 7.01 min Scan# 1840
Delta R.T. -0.04 min
Lab File: VV018133.D
Acq: 28 Aug 2020 13:10

Instrument : MSVOA_V
ClientSampleId : BG3G8

Tgt Ion: 75 Resp: 3160

Ion	Ratio	Lower	Upper
75	100		
77	50.3	22.3	41.5#

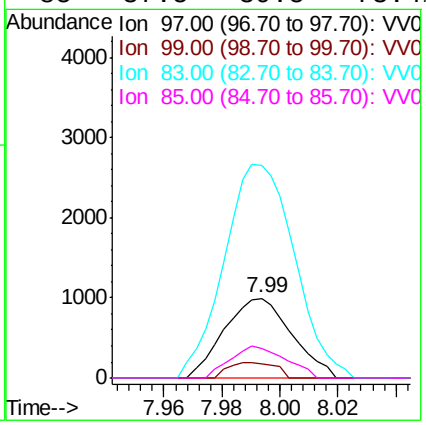


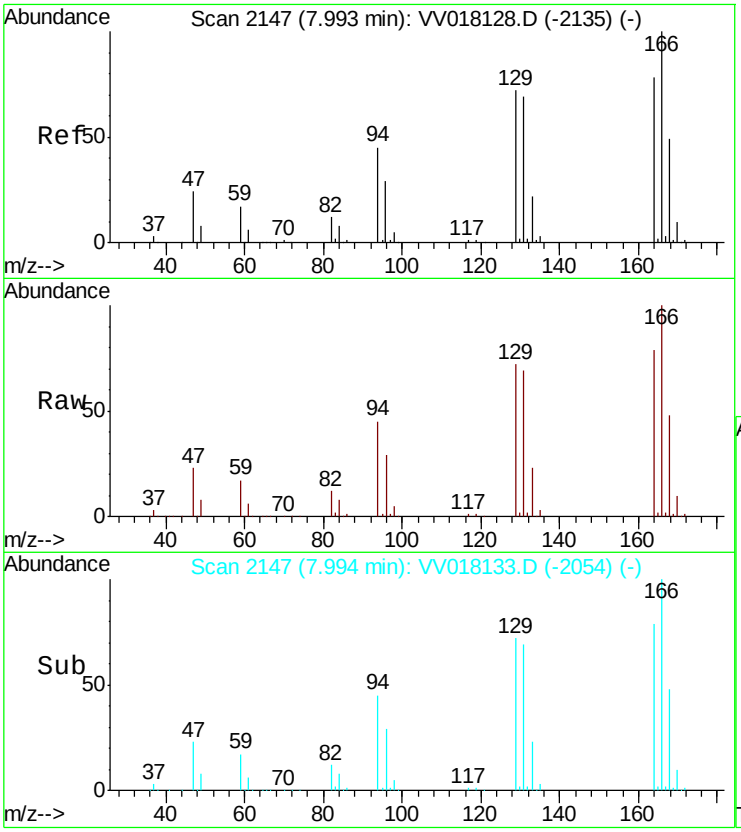


#45
1,1,2-Trichloroethane
Concen: 0.757 ug/L
RT: 7.99 min Scan# 2147
Delta R.T. 0.14 min
Lab File: VV018133.D
Acq: 28 Aug 2020 13:10

Tgt Ion: 97 Resp: 1608

Ion	Ratio	Lower	Upper
97	100		
99	17.4	44.2	82.2#
83	265.2	61.0	113.4#
85	37.5	39.5	73.4#



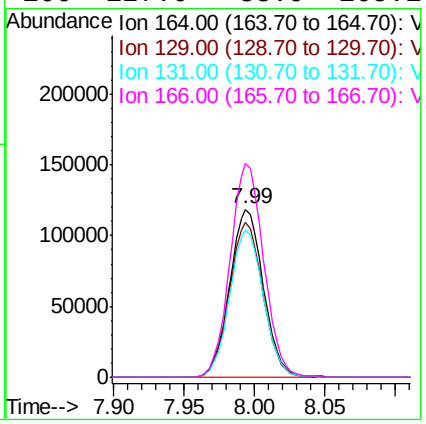


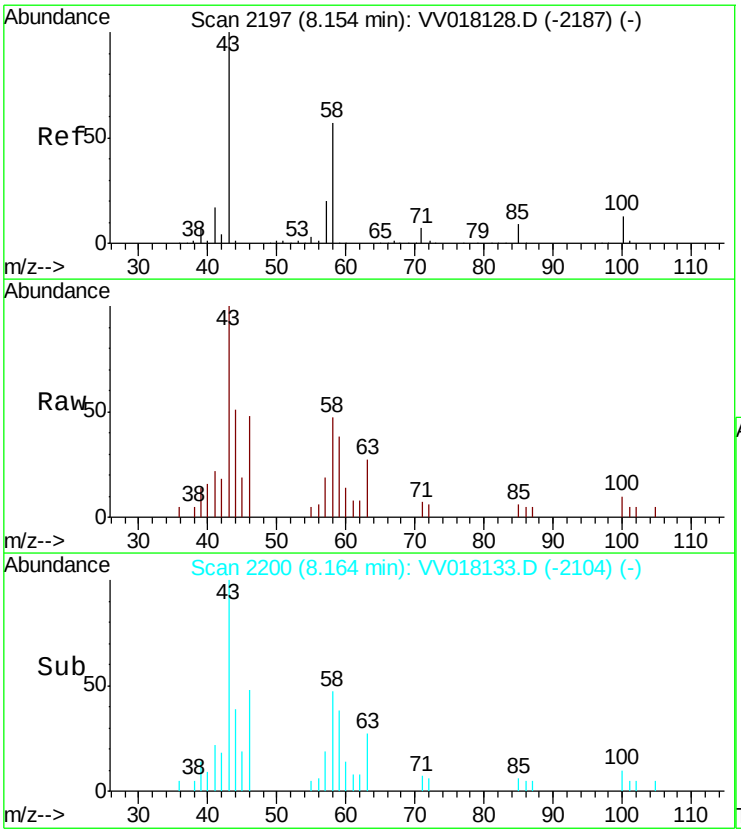
#46
Tetrachloroethene
Concen: 121.513 ug/L
RT: 7.99 min Scan# 2147
Delta R.T. 0.00 min
Lab File: VV018133.D
Acq: 28 Aug 2020 13:10

Instrument : MSVOA_V
ClientSampleId : BG3G8

Tgt Ion:164 Resp: 198152

Ion	Ratio	Lower	Upper
164	100		
129	91.8	64.8	120.3
131	87.4	64.5	119.9
166	127.0	88.9	165.1

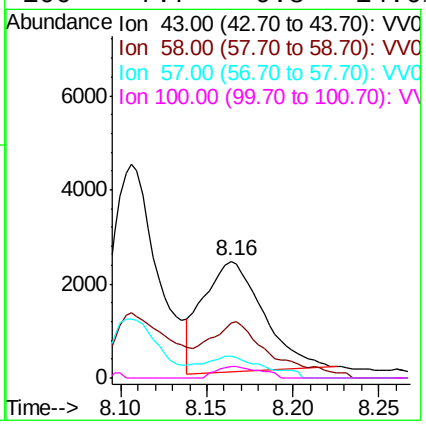


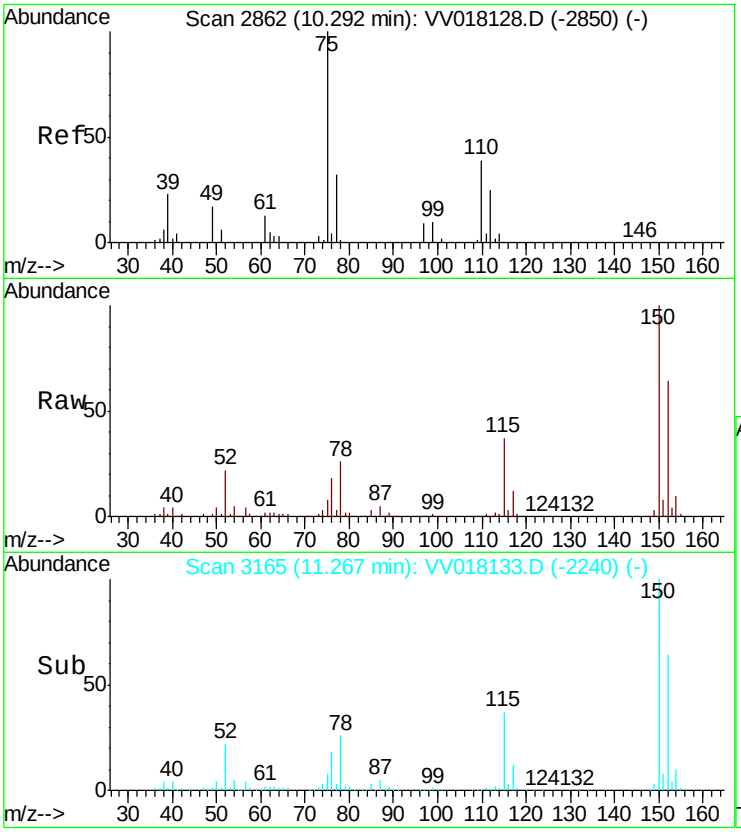


#48
2-Hexanone
Concen: 2.366 ug/L
RT: 8.16 min Scan# 2200
Delta R.T. 0.01 min
Lab File: VV018133.D
Acq: 28 Aug 2020 13:10

Tgt Ion: 43 Resp: 5721

Ion	Ratio	Lower	Upper
43	100		
58	37.3	44.4	66.6#
57	9.2	15.2	22.8#
100	7.7	9.8	14.6#





#59
1,2,3-Trichloropropane
Concen: 5.634 ug/L
RT: 11.27 min Scan# 3165
Delta R.T. 0.97 min
Lab File: VV018133.D
Acq: 28 Aug 2020 13:10

Instrument :
MSVOA_V
ClientSampleId :
BG3G8

Tgt Ion: 75 Resp: 15961

Ion	Ratio	Lower	Upper
75	100		
77	35.7	25.7	38.5