Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV061920\
Data File : VV017008.D
Acq On : 19 Jun 2020 18:35
Operator : SY/MD
Sample : L3074-08
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId :

Quant Time: Jun 20 02:07:20 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Jun 20 02:04:09 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	328627	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	306660	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	141660	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	105013	45.29	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 90.58%			
7) Chloroethane-d5	1.58	69	64031	46.02	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 92.04%			
11) 1,1-Dichloroethene-d2	2.12	63	153905	39.52	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 79.04%			
21) 2-Butanone-d5	3.91	46	157900	92.00	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 92.00%			
24) Chloroform-d	4.38	84	225247	47.77	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 95.54%			
26) 1,2-Dichloroethane-d4	5.06	65	160918	50.17	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 100.34%			
32) Benzene-d6	5.08	84	441008	49.89	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 99.78%			
36) 1,2-Dichloropropane-d6	6.09	67	134219	48.71	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 97.42%			
41) Toluene-d8	7.34	98	401355	49.48	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 98.96%			
43) trans-1,3-Dichloropropene-	7.64	79	64482	44.93	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 89.86%			
47) 2-Hexanone-d5	8.11	63	93873	78.14	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 78.14%			
57) 1,1,2,2-Tetrachloroethane-	10.24	84	160363	43.96	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 87.92%			
64) 1,2-Dichlorobenzene-d4	11.65	152	162056	53.61	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 107.22%			

Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1691	0.968	ug/L #	19
12) 1,1-Dichloroethene	2.12	96	1697	1.040	ug/L #	1
13) Acetone	2.19	43	2024	1.790	ug/L	100
20) cis-1,2-Dichloroethene	3.94	96	9039	3.728	ug/L	90
27) 1,2-Dichloroethane	5.08	62	3215	0.891	ug/L	98
34) Trichloroethene	5.94	95	13292	5.462	ug/L	95
44) trans-1,3-Dichloropropene	7.64	75	3211	0.901	ug/L	87
45) 1,1,2-Trichloroethane	7.99	97	1689	0.742	ug/L #	4
46) Tetrachloroethene	8.00	164	181674	94.928	ug/L	98
48) 2-Hexanone	8.17	43	9000	3.472	ug/L #	91

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

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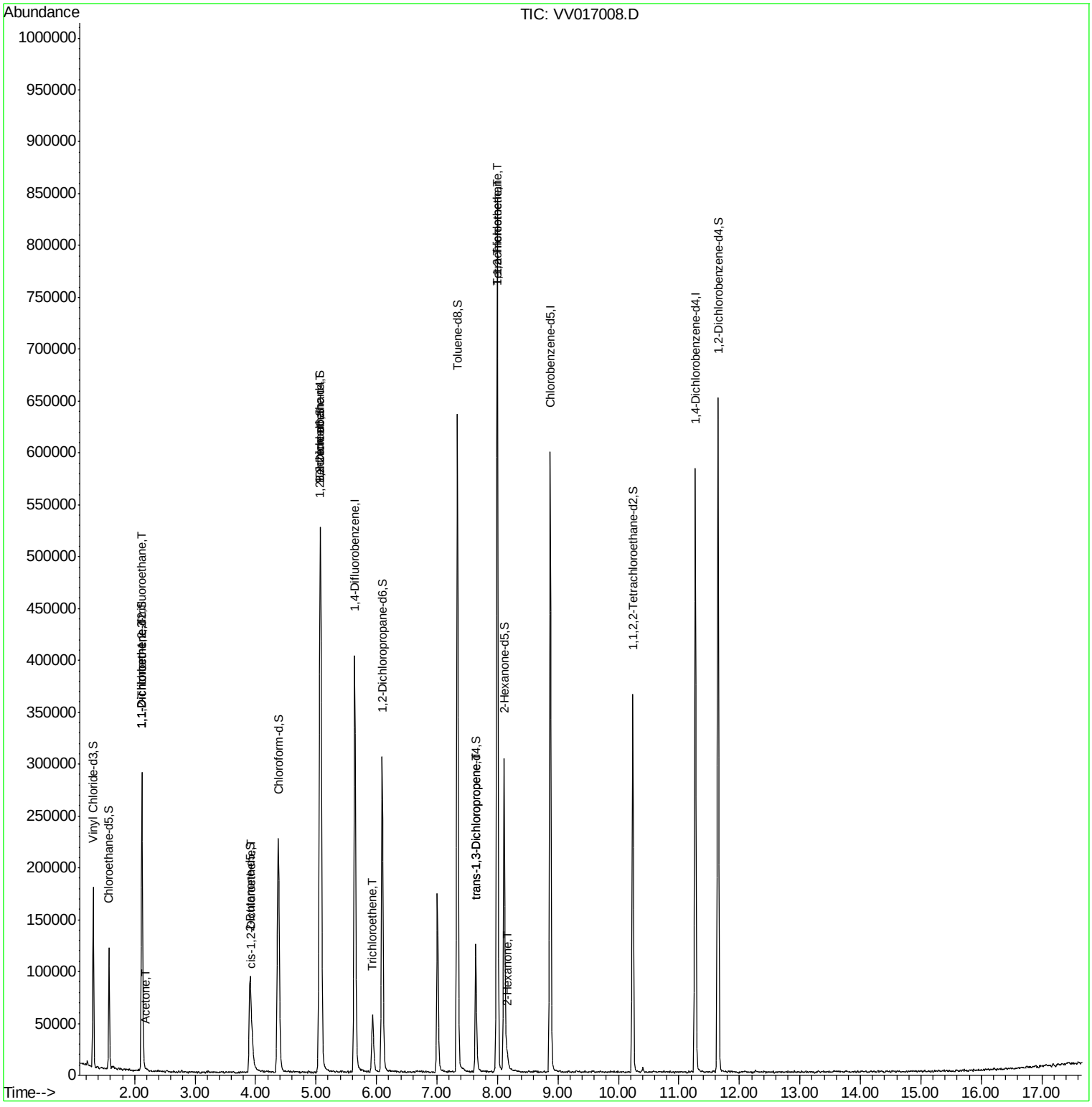
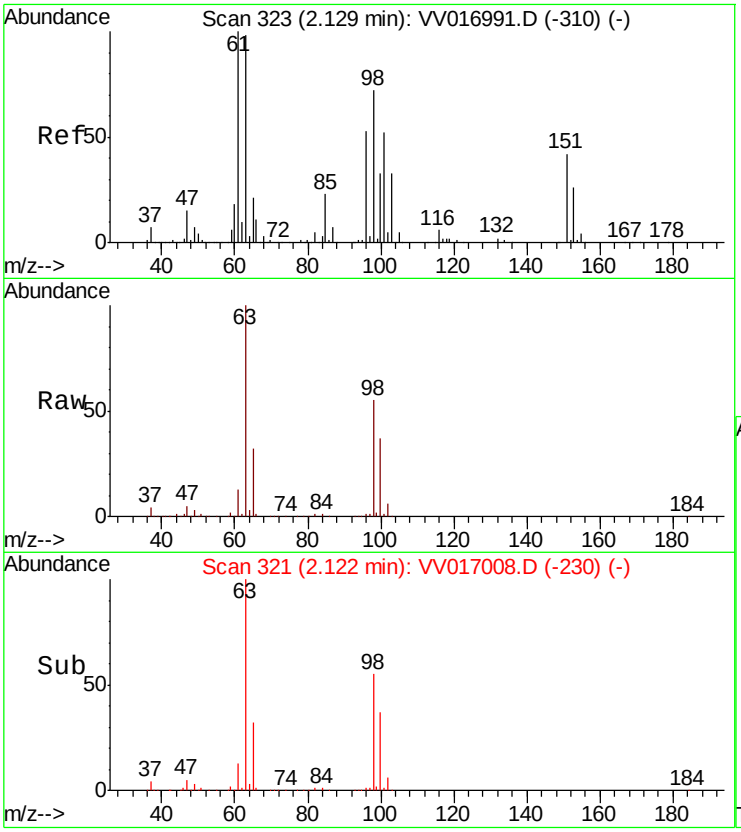
MSVOA_V
ClientSampleId :

Quant Time: Jun 20 02:07:20 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Jun 20 02:04:09 2020
Response via : Initial Calibration



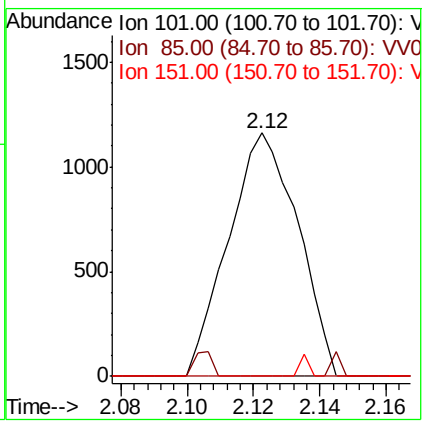


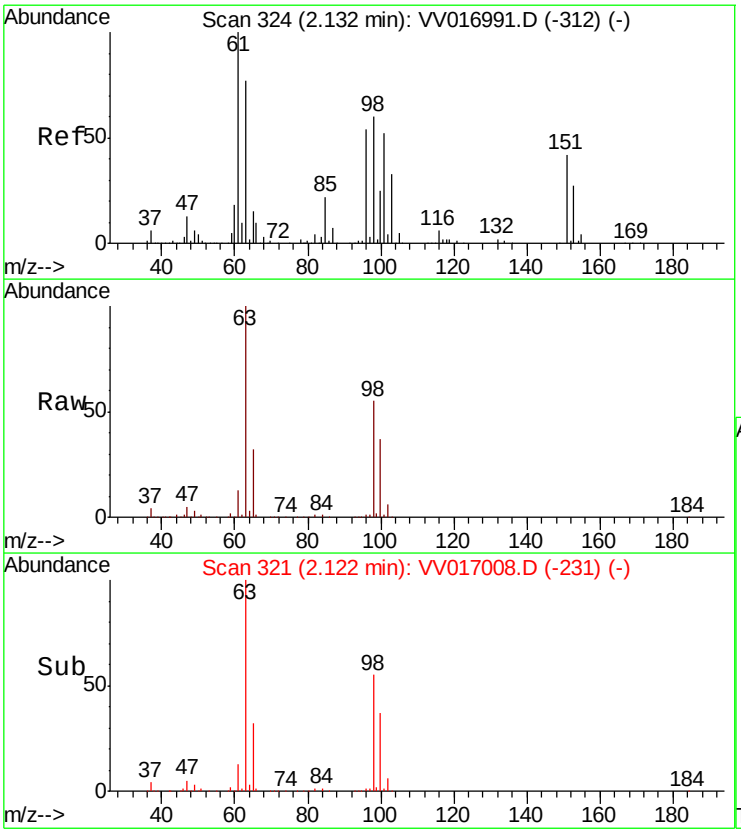
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.968 ug/L
RT: 2.12 min Scan# 321
Delta R.T. -0.01 min
Lab File: VV017008.D
Acq: 19 Jun 2020 18:35

Instrument : MSVOA_V
ClientSampleId :

Tgt Ion:101 Resp: 1691

Ion	Ratio	Lower	Upper
101	100		
85	2.6	35.5	53.3#
151	0.0	63.9	95.9#

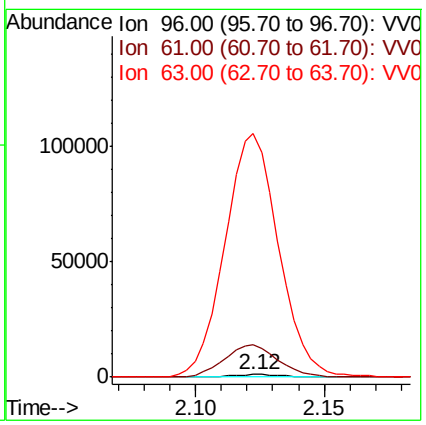


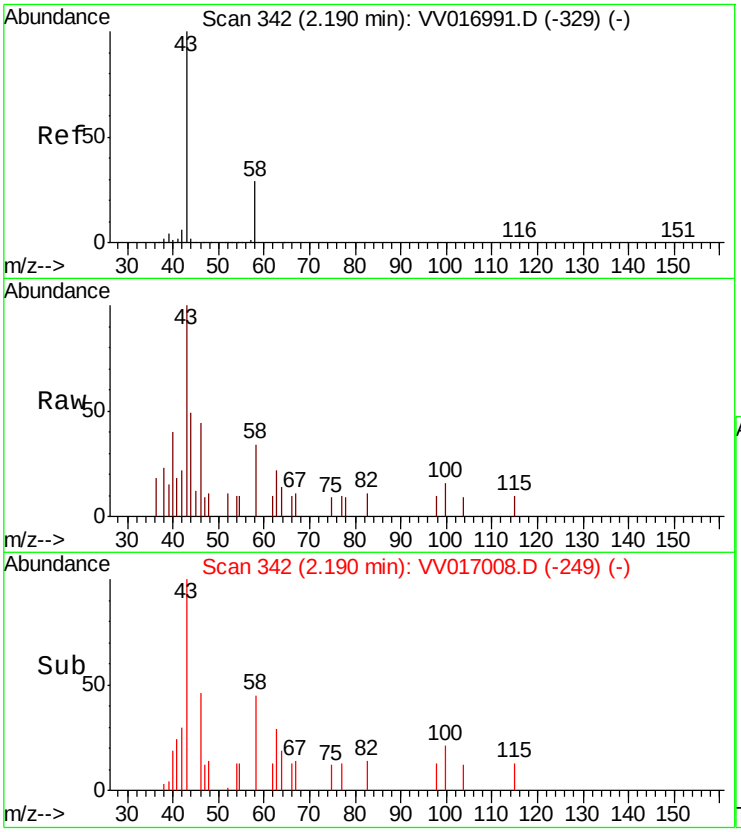


#12
1,1-Dichloroethene
Concen: 1.040 ug/L
RT: 2.12 min Scan# 321
Delta R.T. -0.01 min
Lab File: VV017008.D
Acq: 19 Jun 2020 18:35

Tgt Ion: 96 Resp: 1697

Ion	Ratio	Lower	Upper
96	100		
61	1260.4	130.4	242.2#
63	9648.3	103.3	191.9#



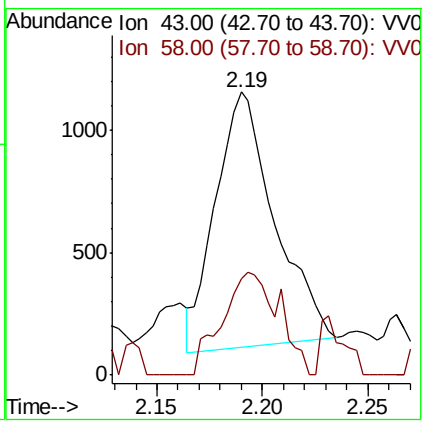


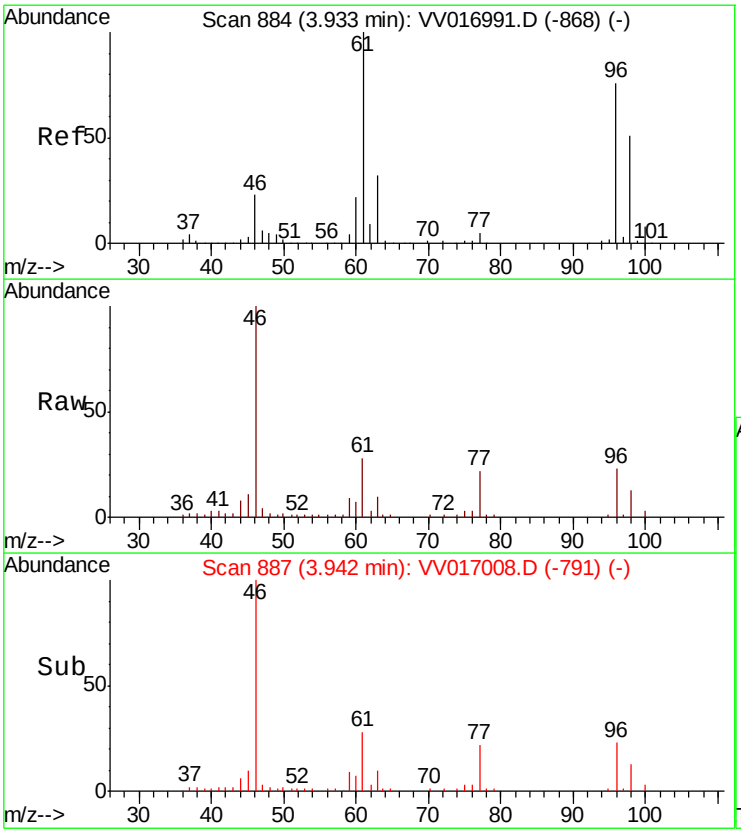
#13
Acetone
Concen: 1.790 ug/L
RT: 2.19 min Scan# 342
Delta R.T. -0.00 min
Lab File: VV017008.D
Acq: 19 Jun 2020 18:35

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 2024

Ion	Ratio	Lower	Upper
43	100		
58	27.6	0.0	55.2

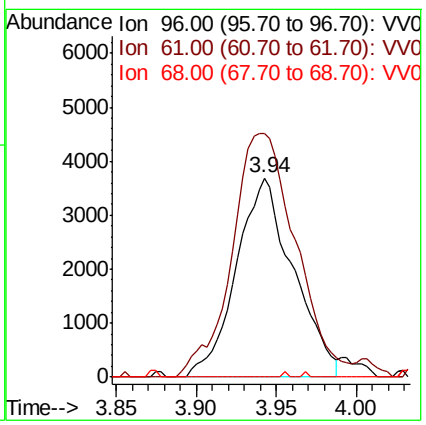


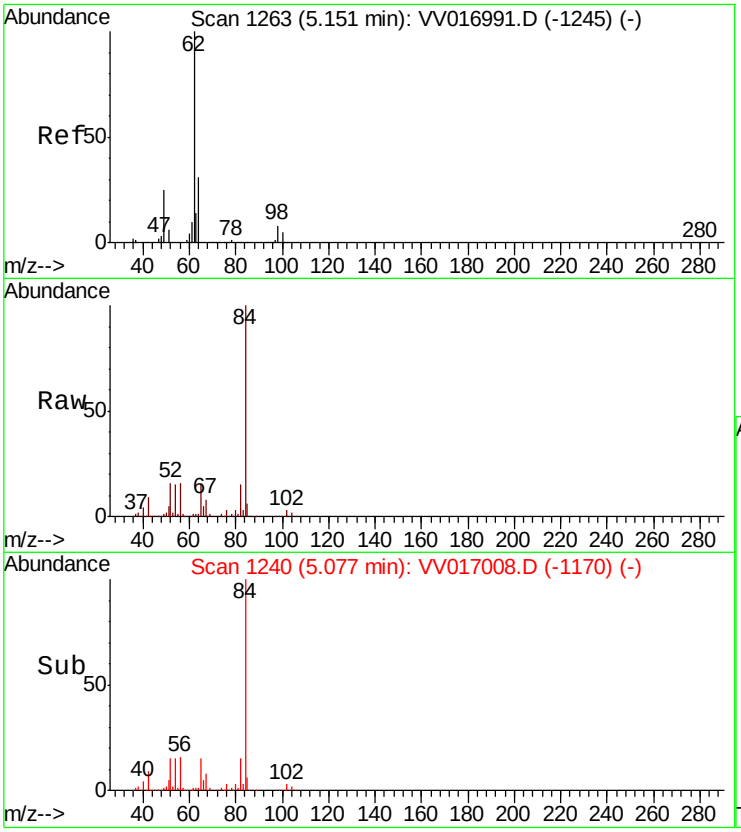


#20
cis-1,2-Dichloroethene
Concen: 3.728 ug/L
RT: 3.94 min Scan# 887
Delta R.T. 0.01 min
Lab File: VV017008.D
Acq: 19 Jun 2020 18:35

Tgt Ion: 96 Resp: 9039

Ion	Ratio	Lower	Upper
96	100		
61	122.1	93.4	173.4
68	0.0	0.0	0.0



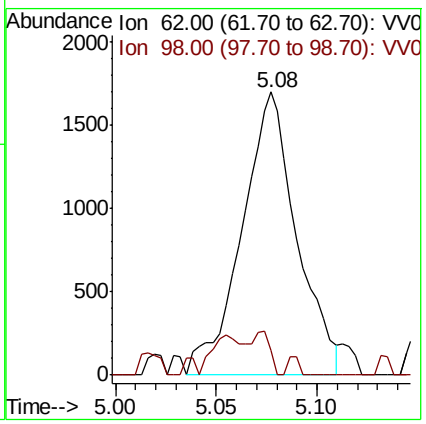


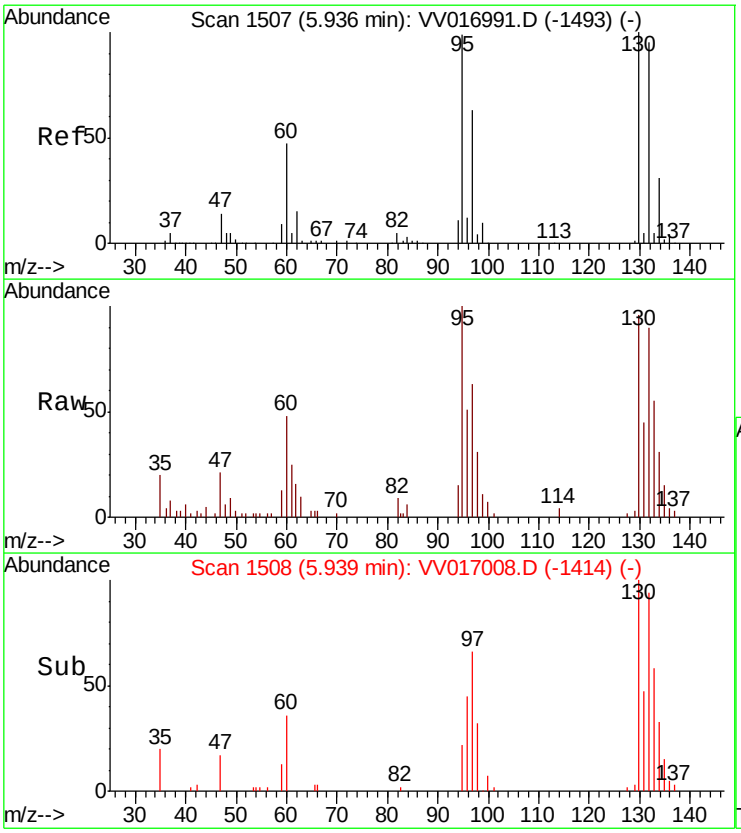
#27
1,2-Dichloroethane
Concen: 0.891 ug/L
RT: 5.08 min Scan# 1240
Delta R.T. -0.07 min
Lab File: VV017008.D
Acq: 19 Jun 2020 18:35

Instrument : MSVOA_V
ClientSampleId :

Tgt Ion: 62 Resp: 3215

Ion	Ratio	Lower	Upper
62	100		
98	8.7	7.4	11.2

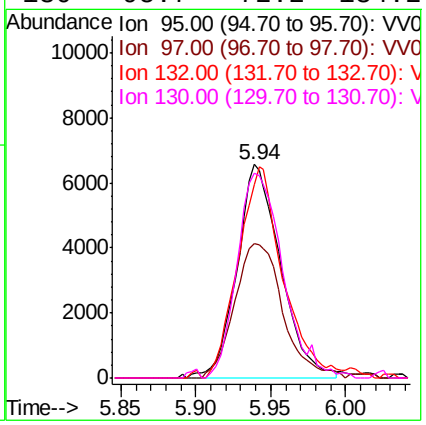


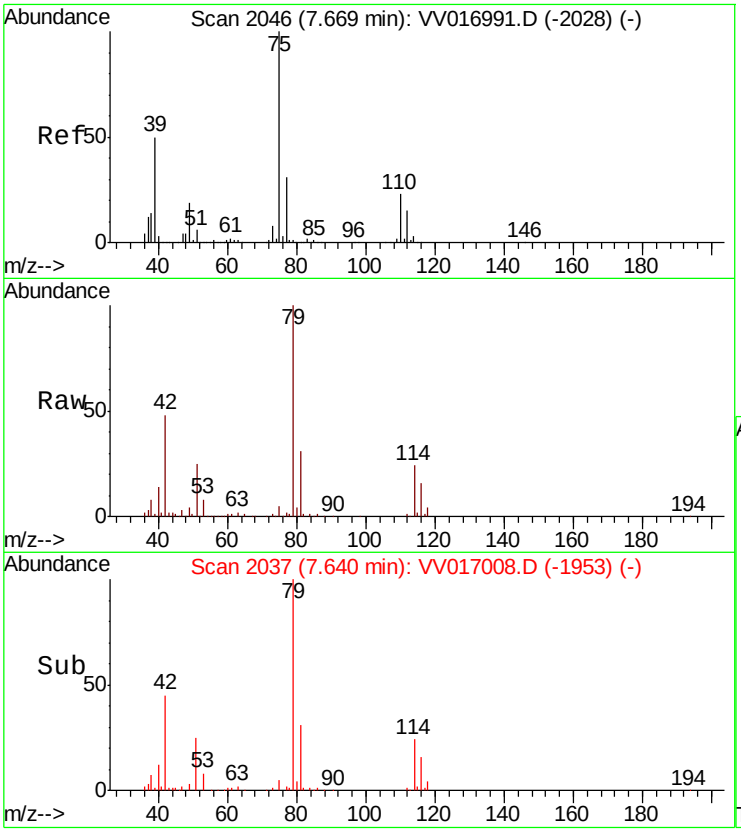


#34
Trichloroethene
Concen: 5.462 ug/L
RT: 5.94 min Scan# 1508
Delta R.T. 0.00 min
Lab File: VV017008.D
Acq: 19 Jun 2020 18:35

Tgt Ion: 95 Resp: 13292

Ion	Ratio	Lower	Upper
95	100		
97	63.2	44.3	82.3
132	90.3	67.9	126.1
130	95.7	72.2	134.2



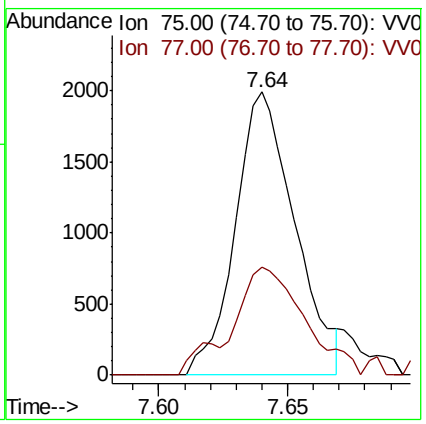


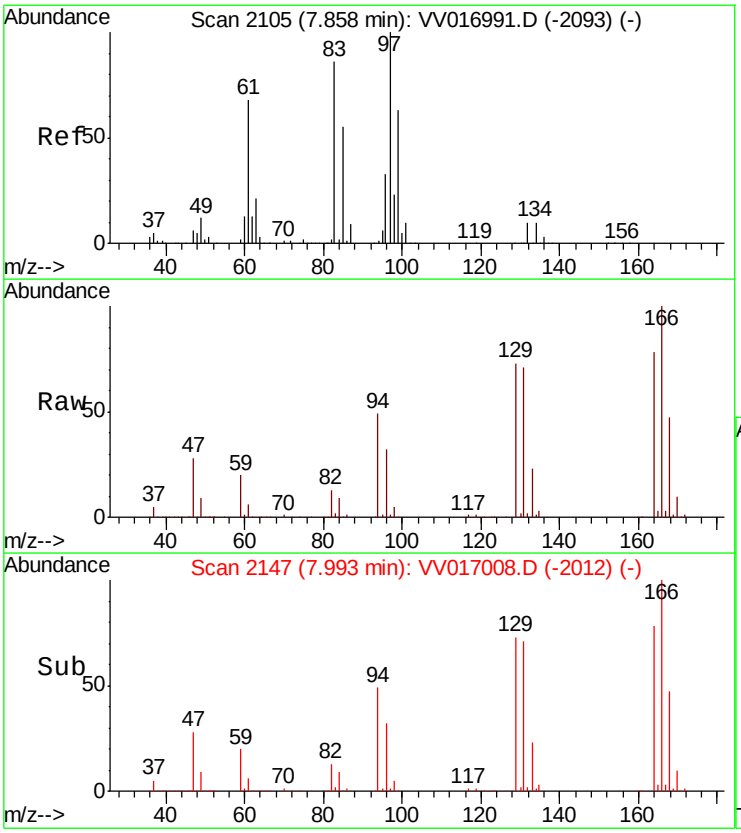
#44
trans-1,3-Dichloropropene
Concen: 0.901 ug/L
RT: 7.64 min Scan# 2037
Delta R.T. -0.03 min
Lab File: VV017008.D
Acq: 19 Jun 2020 18:35

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 75 Resp: 3211

Ion	Ratio	Lower	Upper
75	100		
77	38.1	21.7	40.3

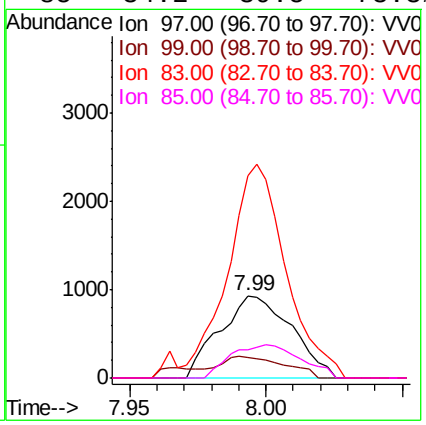


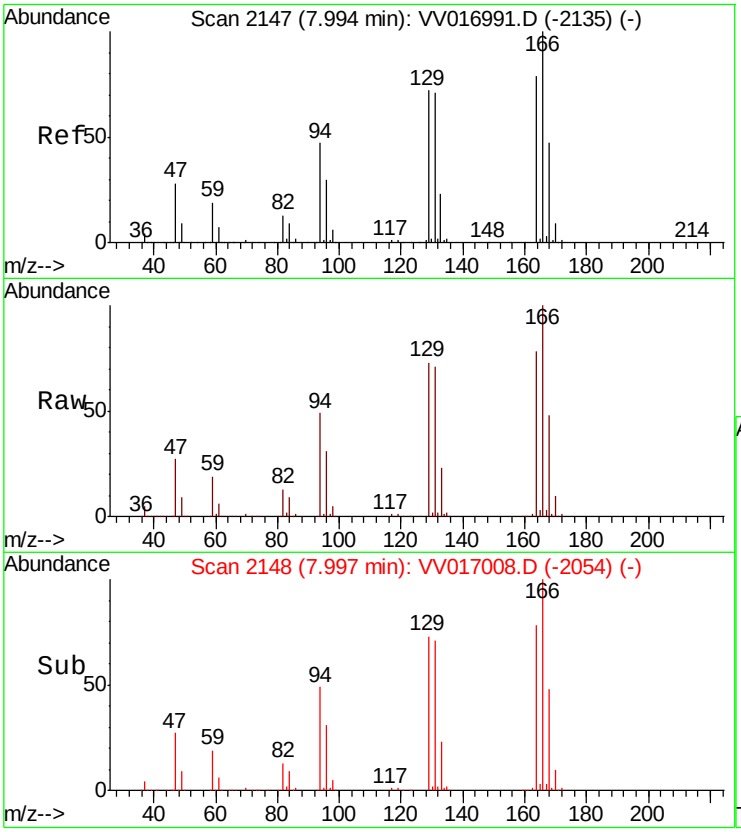


#45
1,1,2-Trichloroethane
Concen: 0.742 ug/L
RT: 7.99 min Scan# 2147
Delta R.T. 0.14 min
Lab File: VV017008.D
Acq: 19 Jun 2020 18:35

Tgt Ion: 97 Resp: 1689

Ion	Ratio	Lower	Upper
97	100		
99	25.2	44.3	82.3#
83	246.2	60.0	111.4#
85	34.2	39.5	73.3#



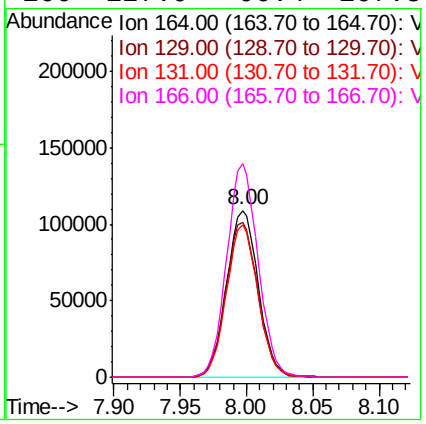


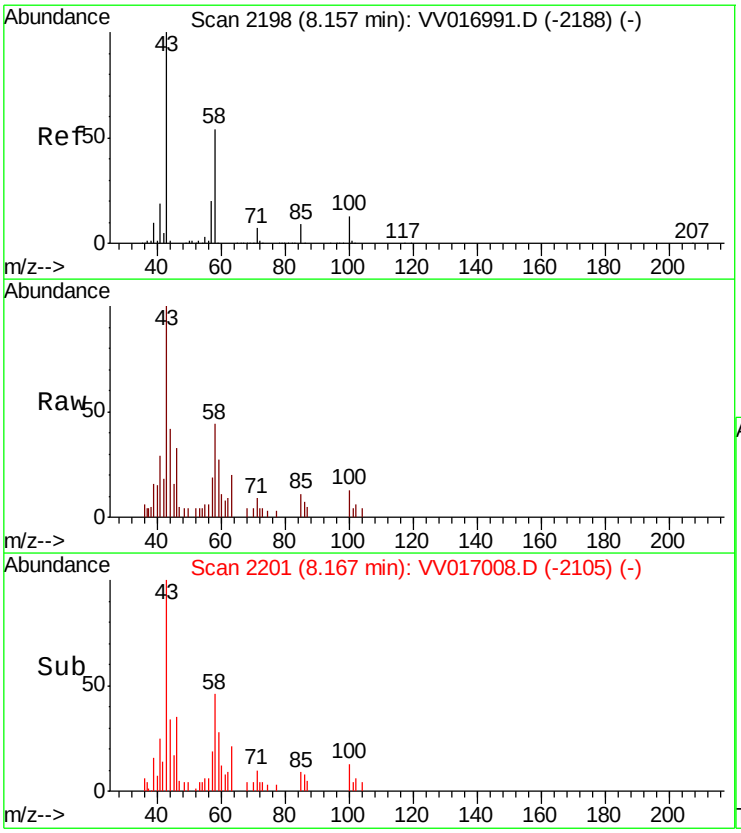
#46
Tetrachloroethene
Concen: 94.928 ug/L
RT: 8.00 min Scan# 2148
Delta R.T. 0.00 min
Lab File: VV017008.D
Acq: 19 Jun 2020 18:35

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:164 Resp: 181674

Ion	Ratio	Lower	Upper
164	100		
129	92.8	67.0	124.4
131	91.0	64.8	120.3
166	127.9	90.4	167.8





#48
2-Hexanone
Concen: 3.472 ug/L
RT: 8.17 min Scan# 2201
Delta R.T. 0.01 min
Lab File: VV017008.D
Acq: 19 Jun 2020 18:35

Tgt Ion: 43 Resp: 9000

Ion	Ratio	Lower	Upper
43	100		
58	48.6	43.1	64.7
57	13.4	15.3	22.9#
100	9.1	10.0	15.0#