Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031121\
Data File : VV020514.D
Acq On : 10 Mar 2021 22:37
Operator : SY/MD
Sample : M1632-11
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0B58

Quant Time: Mar 11 00:54:55 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM030521WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 11 00:50:19 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	533782	50.00	ug/L	# 0.00
28) Chlorobenzene-d5	8.857	117	529257	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.255	152	263738	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	198831	50.82	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 101.64%			
7) Chloroethane-d5	1.571	69	155566	51.34	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 102.68%			
11) 1,1-Dichloroethene-d2	2.108	63	263251	39.93	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 79.86%			
21) 2-Butanone-d5	3.902	46	208866	105.41	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 105.41%			
24) Chloroform-d	4.352	84	325096	48.05	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 96.10%			
26) 1,2-Dichloroethane-d4	5.037	65	212415	51.10	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 102.20%			
32) Benzene-d6	5.053	84	692743	51.89	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 103.78%			
36) 1,2-Dichloropropane-d6	6.072	67	206410	51.15	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 102.30%			
41) Toluene-d8	7.320	98	658897	51.03	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 102.06%			
43) trans-1,3-Dichloroprop...	7.625	79	94712	49.29	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 98.58%			
47) 2-Hexanone-d5	8.095	63	139093	96.37	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 96.37%			
57) 1,1,2,2-Tetrachloroeth...	10.220	84	248263	46.43	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 92.86%			
64) 1,2-Dichlorobenzene-d4	11.632	152	292526	56.65	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 113.30%			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.108	101	2354	0.68	ug/L #	25
12) 1,1-Dichloroethene	2.118	96	13363	3.88	ug/L #	1
20) cis-1,2-Dichloroethene	3.915	96	10614	2.82	ug/L	81
25) Chloroform	4.381	83	13156	1.97	ug/L	97
30) 1,1,1-Trichloroethane	4.613	97	9024	1.57	ug/L #	91
34) Trichloroethene	5.918	95	170856	41.33	ug/L	87
37) 1,2-Dichloropropane	6.072	63	22602	6.55	ug/L #	88
39) cis-1,3-Dichloropropene	6.989	75	5573	1.06	ug/L #	72
48) 2-Hexanone	8.149	43	12978	4.16	ug/L #	90
59) 1,2,3-Trichloropropane	11.255	75	24498	5.27	ug/L #	86

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

Quantitation Report (Not Reviewed)

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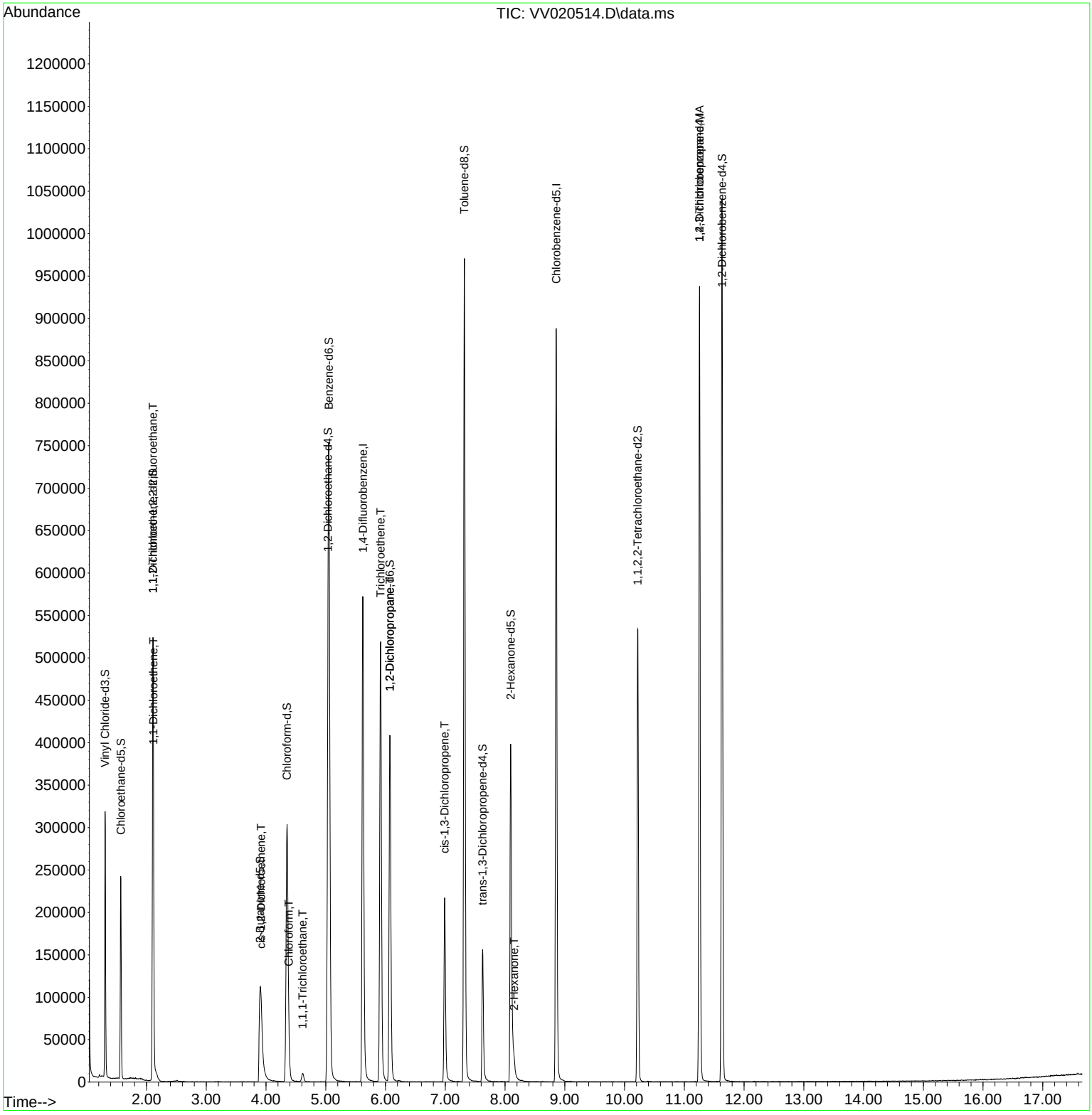
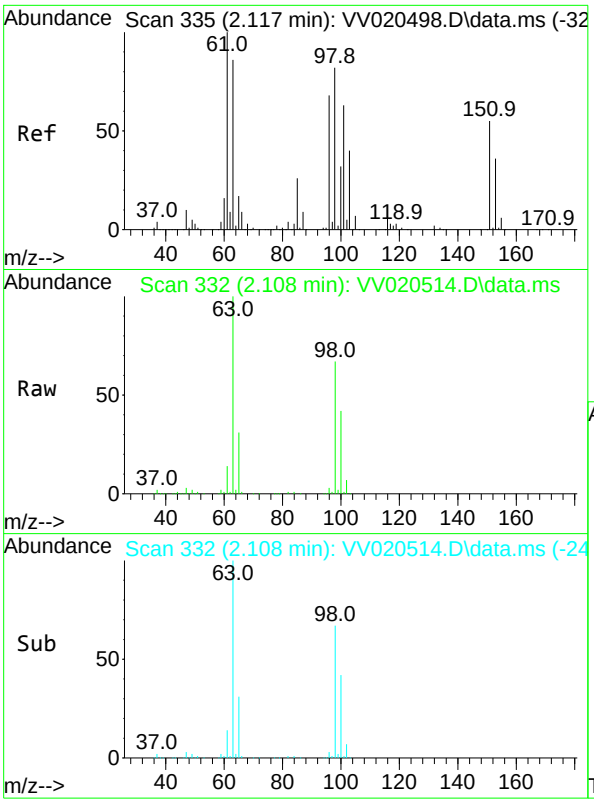
Acq On : 10 Mar 2021 22:37
Operator : SY/MD
Sample : M1632-11
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0B58

Quant Time: Mar 11 00:54:55 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM030521WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 11 00:50:19 2021
Response via : Initial Calibration



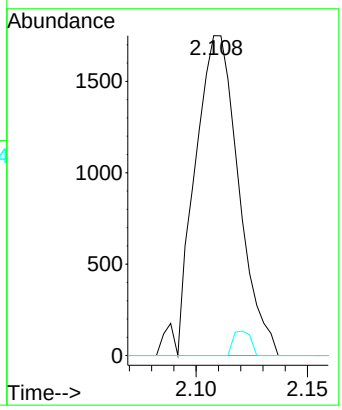
Instrument :
MSVOA_V
ClientSampleId :
C0B58

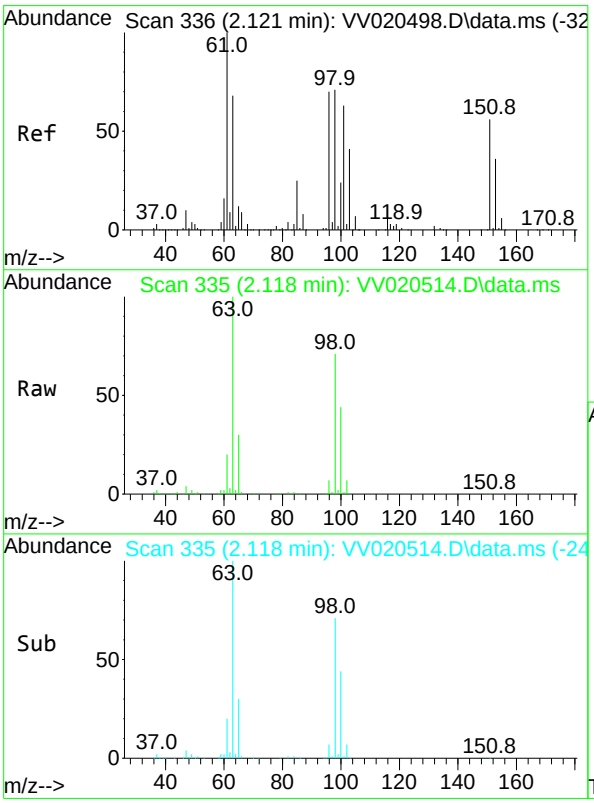


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.68 ug/L
RT: 2.108 min Scan# 332
Delta R.T. -0.010 min
Lab File: VV020514.D
Acq: 10 Mar 2021 22:37

Tgt Ion:101 Resp: 2354

Ion	Ratio	Lower	Upper
101	100		
85	0.0	35.3	52.9#
151	3.1	53.6	80.4#

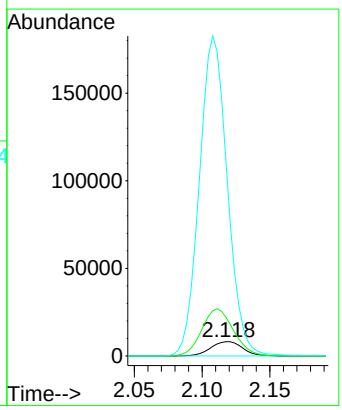


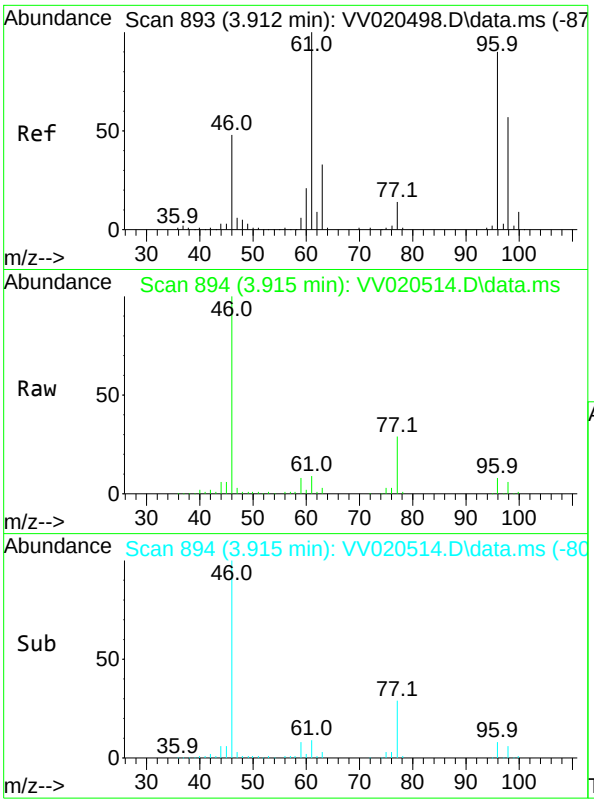


#12
1,1-Dichloroethene
Concen: 3.88 ug/L
RT: 2.118 min Scan# 335
Delta R.T. -0.003 min
Lab File: VV020514.D
Acq: 10 Mar 2021 22:37

Tgt Ion: 96 Resp: 13363

Ion	Ratio	Lower	Upper
96	100		
61	274.0	134.9	250.5#
63	1377.0	117.6	218.4#

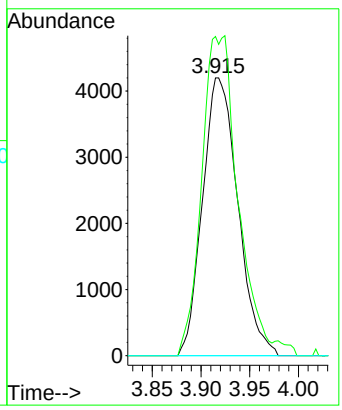




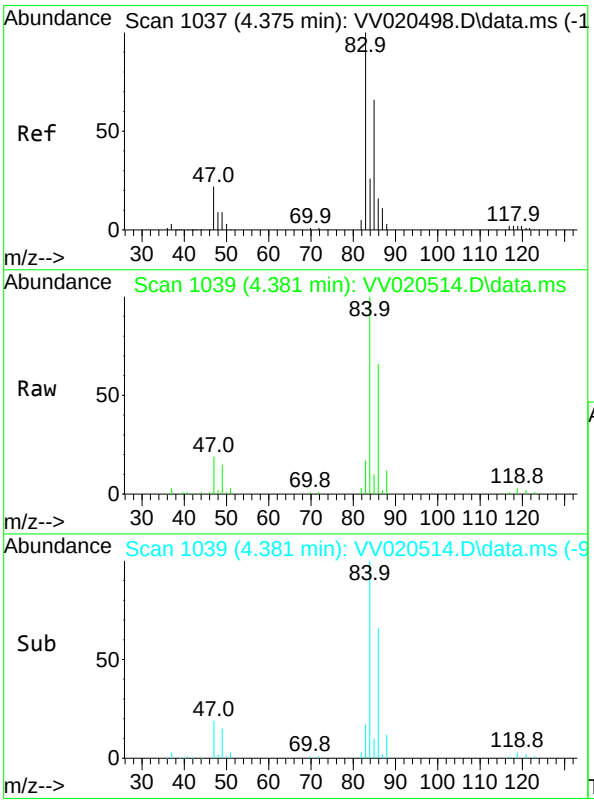
#20
cis-1,2-Dichloroethene
Concen: 2.82 ug/L
RT: 3.915 min Scan# 894
Delta R.T. 0.003 min
Lab File: VV020514.D
Acq: 10 Mar 2021 22:37

Tgt Ion: 96 Resp: 10614

Ion	Ratio	Lower	Upper
96	100		
61	114.9	96.9	179.9
68	0.0	0.0	0.0



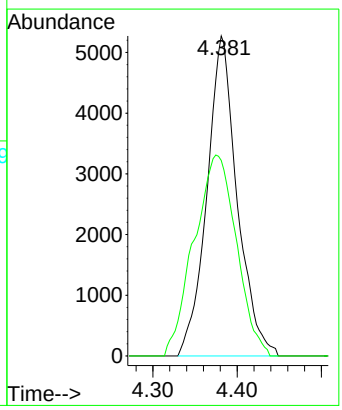
Instrument :
MSVOA_V
ClientSampleId :
C0B58



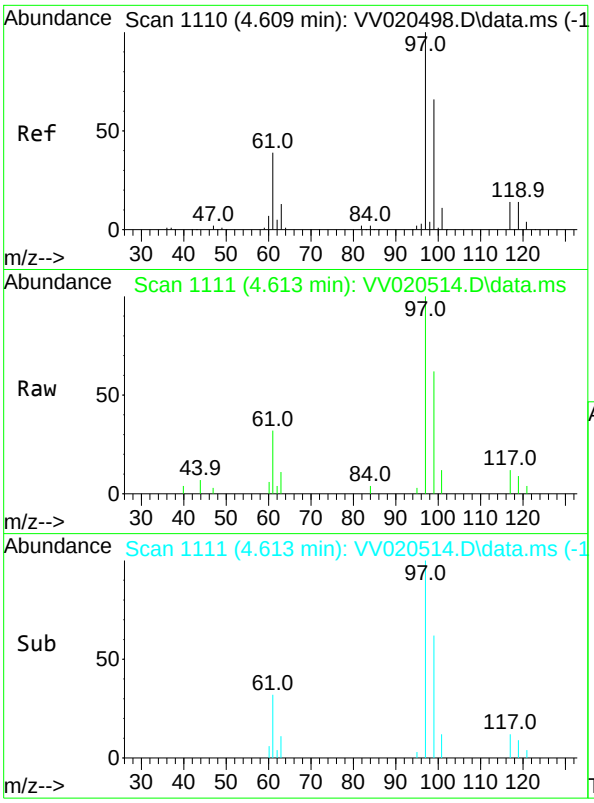
#25
Chloroform
Concen: 1.97 ug/L
RT: 4.381 min Scan# 1039
Delta R.T. 0.007 min
Lab File: VV020514.D
Acq: 10 Mar 2021 22:37

Tgt Ion: 83 Resp: 13156

Ion	Ratio	Lower	Upper
83	100		
85	61.1	44.2	82.2



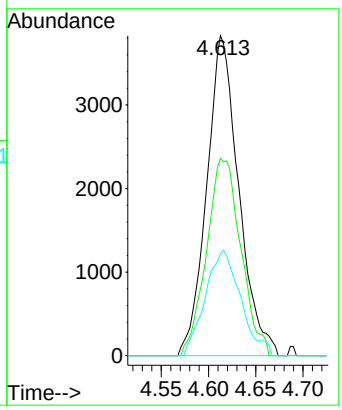
Instrument :
MSVOA_V
ClientSampleId :
C0B58

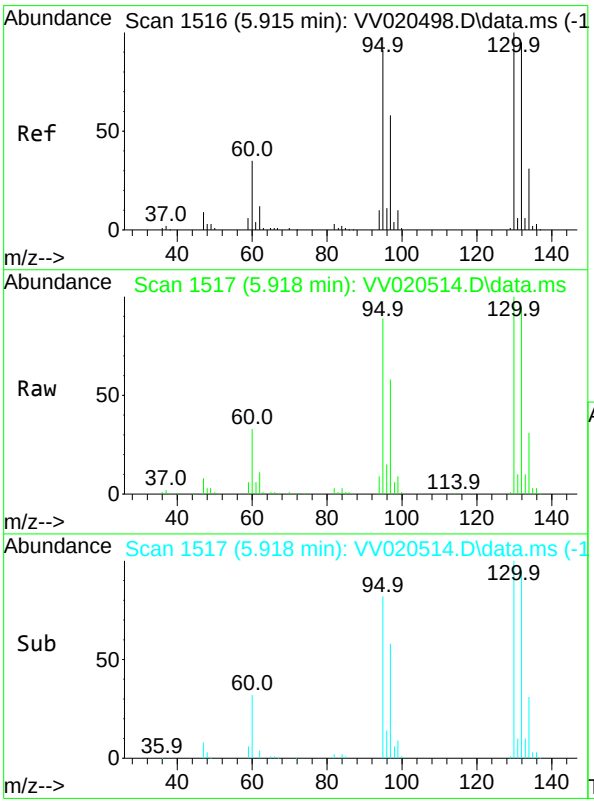


#30
1,1,1-Trichloroethane
Concen: 1.57 ug/L
RT: 4.613 min Scan# 1111
Delta R.T. 0.003 min
Lab File: VV020514.D
Acq: 10 Mar 2021 22:37

Tgt Ion: 97 Resp: 9024

Ion	Ratio	Lower	Upper
97	100		
99	65.9	51.2	76.8
61	36.4	38.5	57.7#

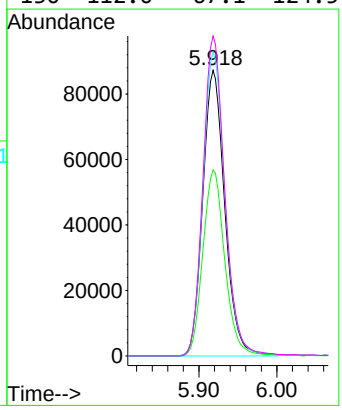




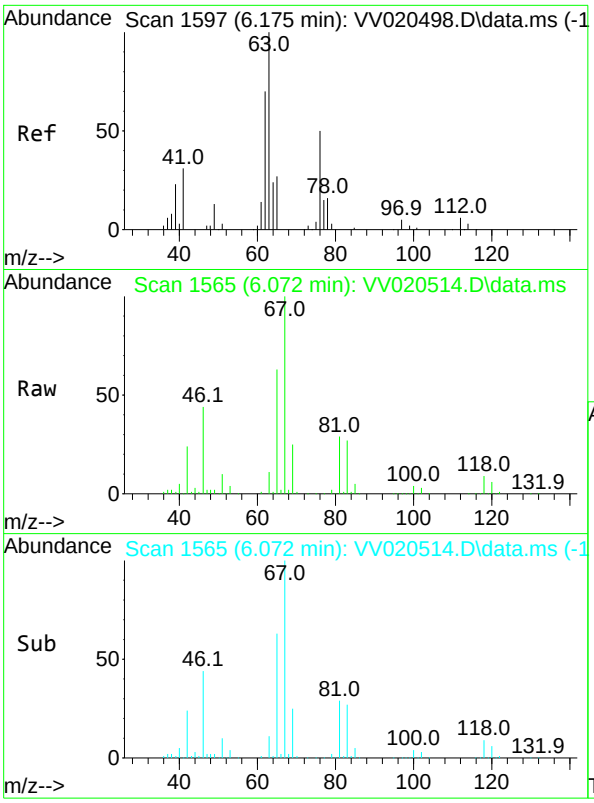
#34
Trichloroethene
Concen: 41.33 ug/L
RT: 5.918 min Scan# 1517
Delta R.T. 0.003 min
Lab File: VV020514.D
Acq: 10 Mar 2021 22:37

Tgt Ion: 95 Resp: 170856

Ion	Ratio	Lower	Upper
95	100		
97	65.1	44.5	82.7
132	106.4	63.4	117.8
130	112.0	67.1	124.5



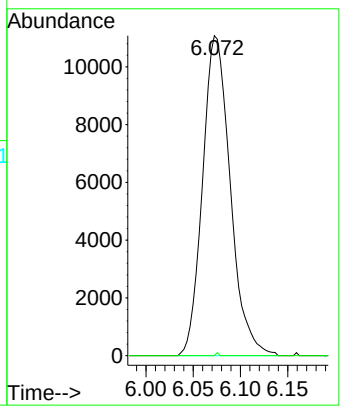
Instrument :
MSVOA_V
ClientSampleId :
C0B58

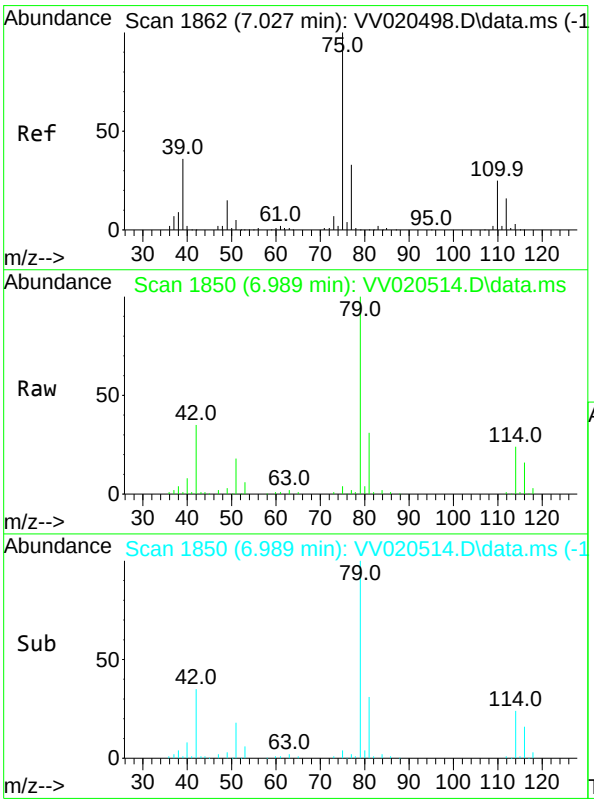


#37
1,2-Dichloropropane
Concen: 6.55 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.103 min
Lab File: VV020514.D
Acq: 10 Mar 2021 22:37

Tgt Ion: 63 Resp: 22602

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.3	4.9#

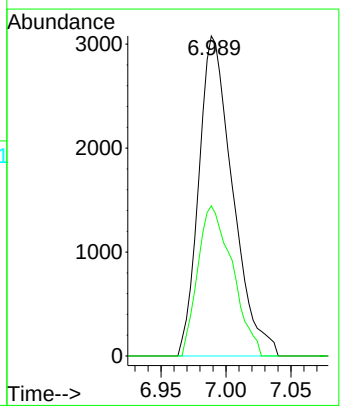




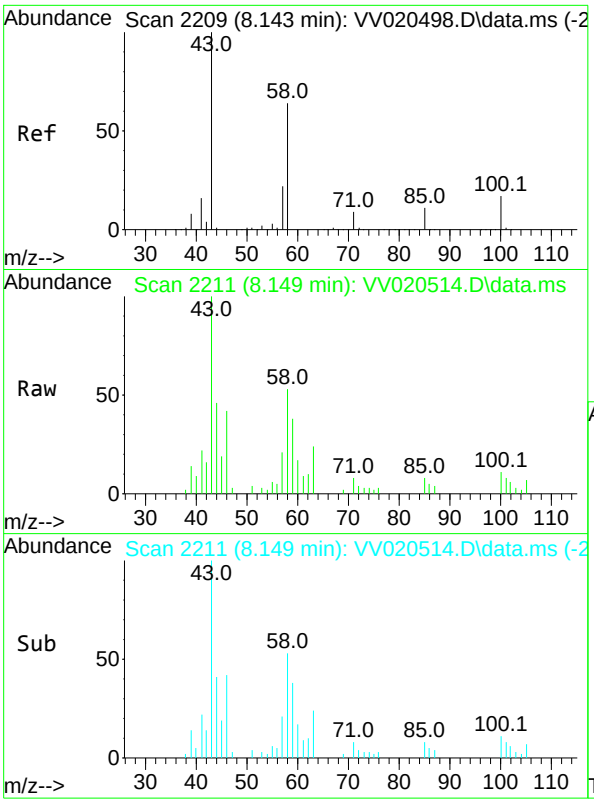
#39
cis-1,3-Dichloropropene
Concen: 1.06 ug/L
RT: 6.989 min Scan# 1850
Delta R.T. -0.038 min
Lab File: VV020514.D
Acq: 10 Mar 2021 22:37

Tgt Ion: 75 Resp: 5573

Ion	Ratio	Lower	Upper
75	100		
77	46.9	21.8	40.6#



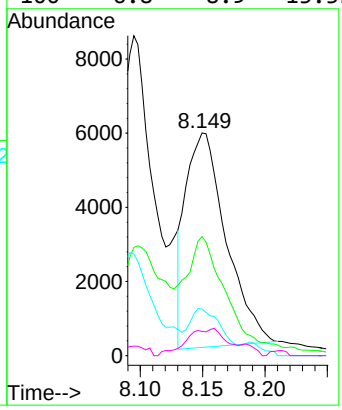
Instrument :
MSVOA_V
ClientSampleId :
C0B58

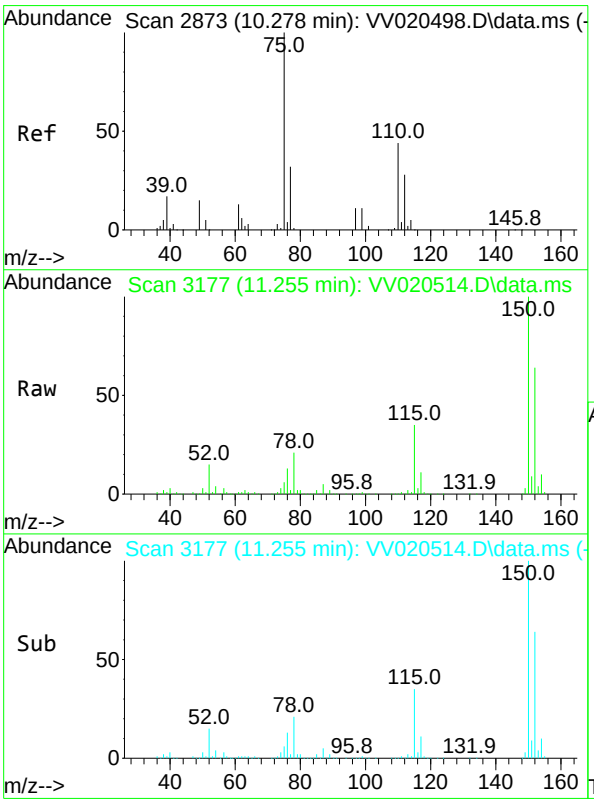


#48
2-Hexanone
Concen: 4.16 ug/L
RT: 8.149 min Scan# 2211
Delta R.T. 0.007 min
Lab File: VV020514.D
Acq: 10 Mar 2021 22:37

Tgt Ion: 43 Resp: 12978

Ion	Ratio	Lower	Upper
43	100		
58	44.1	41.8	62.6
57	15.9	15.0	22.4
100	6.8	8.9	13.3#





#59
1,2,3-Trichloropropane
Concen: 5.27 ug/L
RT: 11.255 min Scan# 3177
Delta R.T. 0.978 min
Lab File: VV020514.D
Acq: 10 Mar 2021 22:37

Tgt Ion: 75 Resp: 24498

Ion	Ratio	Lower	Upper
75	100		
77	39.4	25.4	38.0#