Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV051320\
Data File : VV016054.D
Acq On : 13 May 2020 20:45
Operator : SY/MD
Sample : L2598-08
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : H4232

Quant Time: May 14 05:59:37 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu May 14 02:25:38 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	150443	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	150723	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	68508	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	49879	6.11	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 122.20%			
7) Chloroethane-d5	1.58	69	46743	6.04	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 120.80%			
11) 1,1-Dichloroethene-d2	2.13	63	87104	4.96	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 99.20%			
20) 2-Butanone-d5	3.94	46	123144	52.89	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 105.78%			
24) Chloroform-d	4.38	84	97829	5.48	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 109.60%			
26) 1,2-Dichloroethane-d4	5.06	65	54437	5.32	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 106.40%			
32) Benzene-d6	5.08	84	190747	5.32	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 106.40%			
36) 1,2-Dichloropropane-d6	6.10	67	60066	5.49	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 109.80%			
41) Toluene-d8	7.34	98	170273	5.02	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 100.40%			
45) trans-1,3-Dichloropropene-	7.64	79	18318	4.26	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 85.20%			
48) 2-Hexanone-d5	8.12	63	92582	49.05	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 98.10%			
59) 1,1,2,2-Tetrachloroethane-	10.24	84	40799	5.30	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 106.00%			
65) 1,2-Dichlorobenzene-d4	11.65	152	60073	5.40	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 108.00%			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.14	96	25122	3.034	ug/L #	75
13) Acetone	2.22	43	3903	2.541	ug/L	89
22) cis-1,2-Dichloroethene	3.95	96	1930	0.202	ug/L	86
25) Chloroform	4.41	83	6574	0.339	ug/L	96
29) 1,1,1-Trichloroethane	4.64	97	7879	0.474	ug/L	98
34) Trichloroethene	5.94	95	5882	0.543	ug/L	95
49) Tetrachloroethene	8.00	164	50370	6.670	ug/L	98

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

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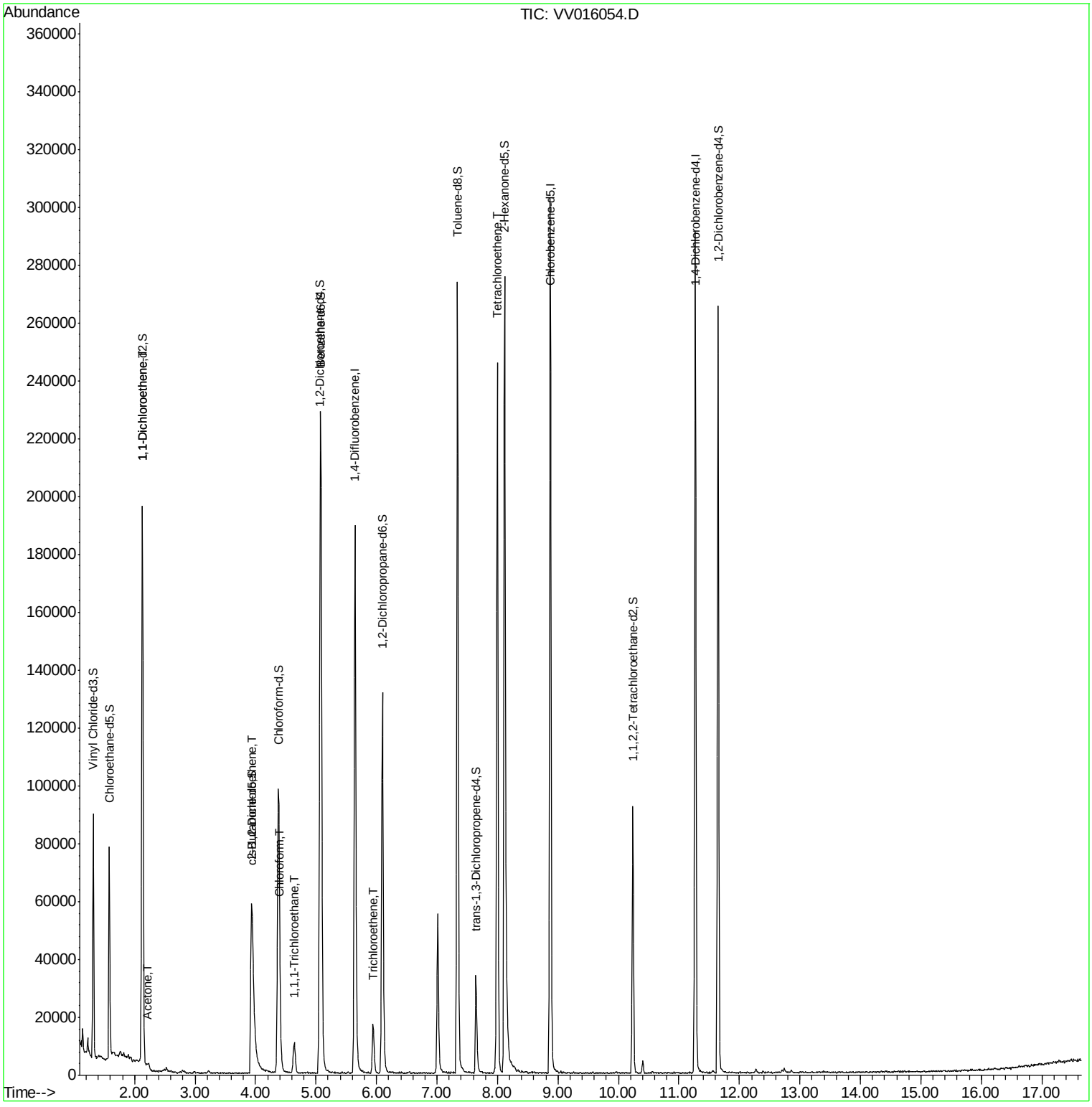
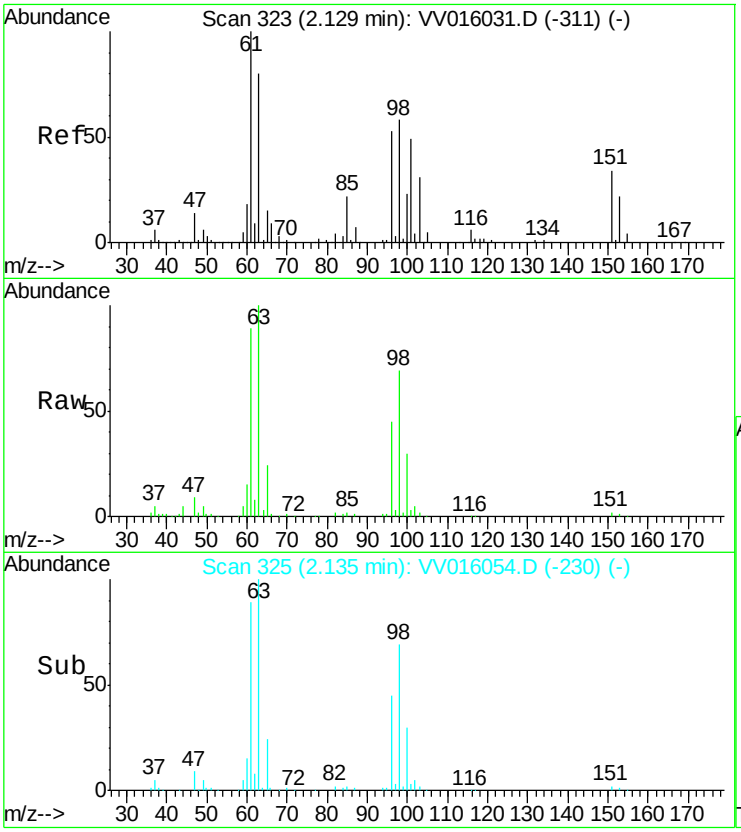


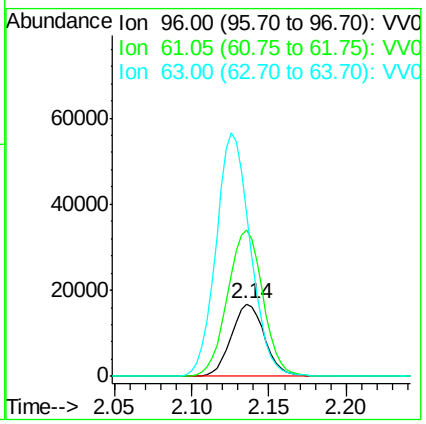


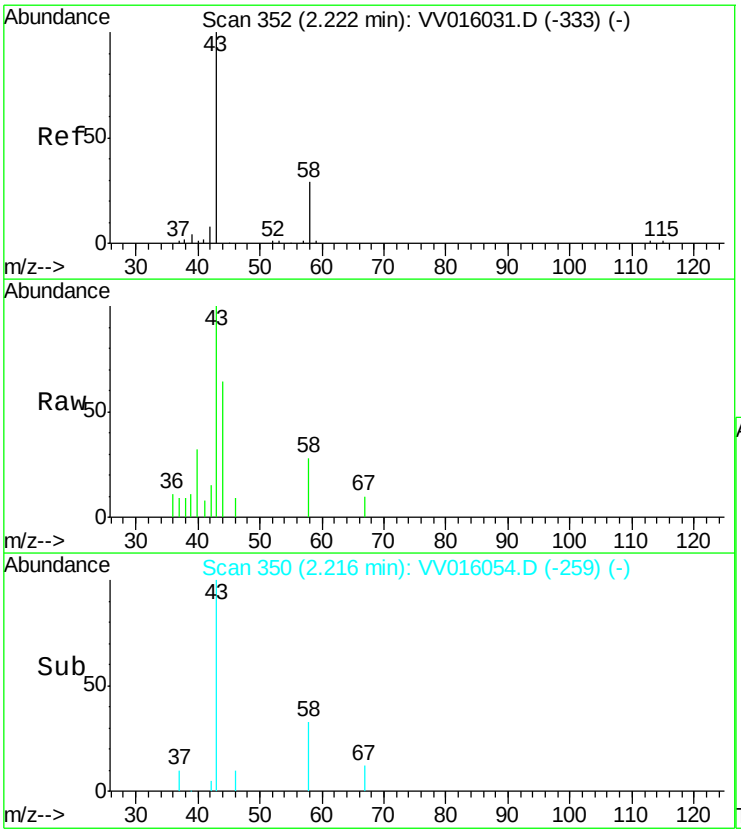
#12
1,1-Dichloroethene
Concen: 3.034 ug/L
RT: 2.14 min Scan# 325
Delta R.T. 0.01 min
Lab File: VV016054.D
Acq: 13 May 2020 20:45

Instrument : MSVOA_V
ClientSampleId : H4232

Tgt Ion: 96 Resp: 25122

Ion	Ratio	Lower	Upper
96	100		
61	200.8	139.9	259.7
63	224.7	106.4	197.6#

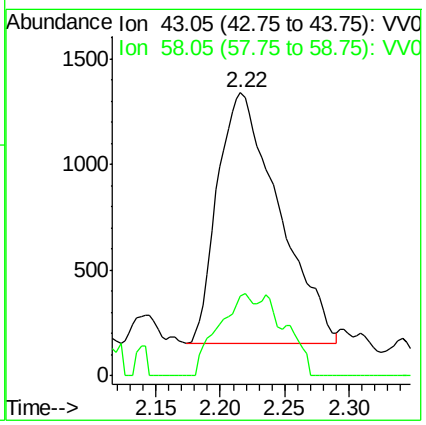


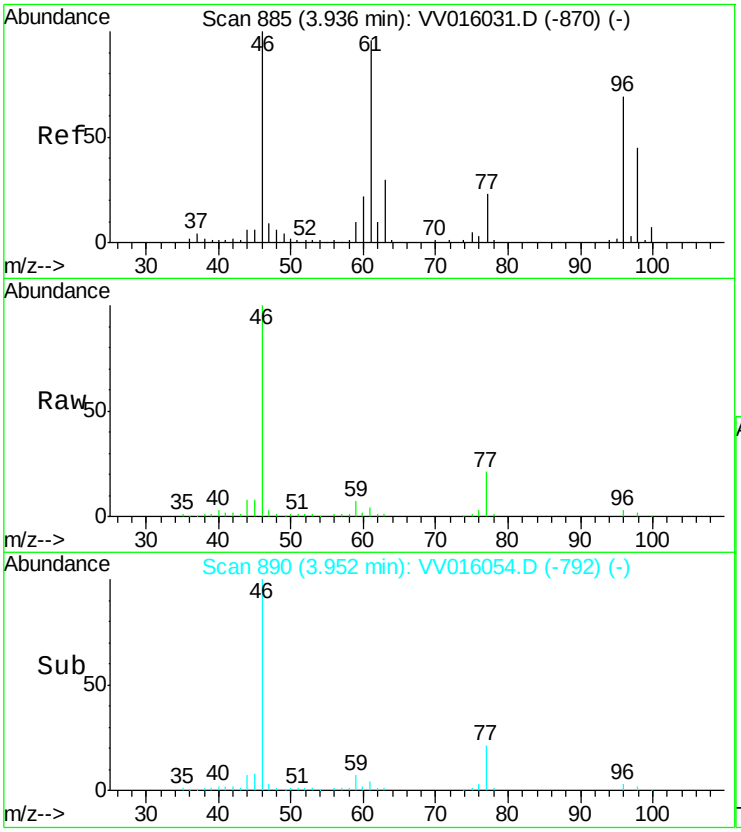


#13
Acetone
Concen: 2.541 ug/L
RT: 2.22 min Scan# 350
Delta R.T. -0.01 min
Lab File: VV016054.D
Acq: 13 May 2020 20:45

Tgt Ion: 43 Resp: 3903

Ion	Ratio	Lower	Upper
43	100		
58	20.2	0.0	30.8



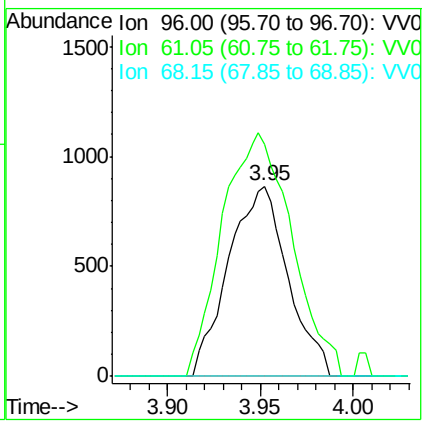


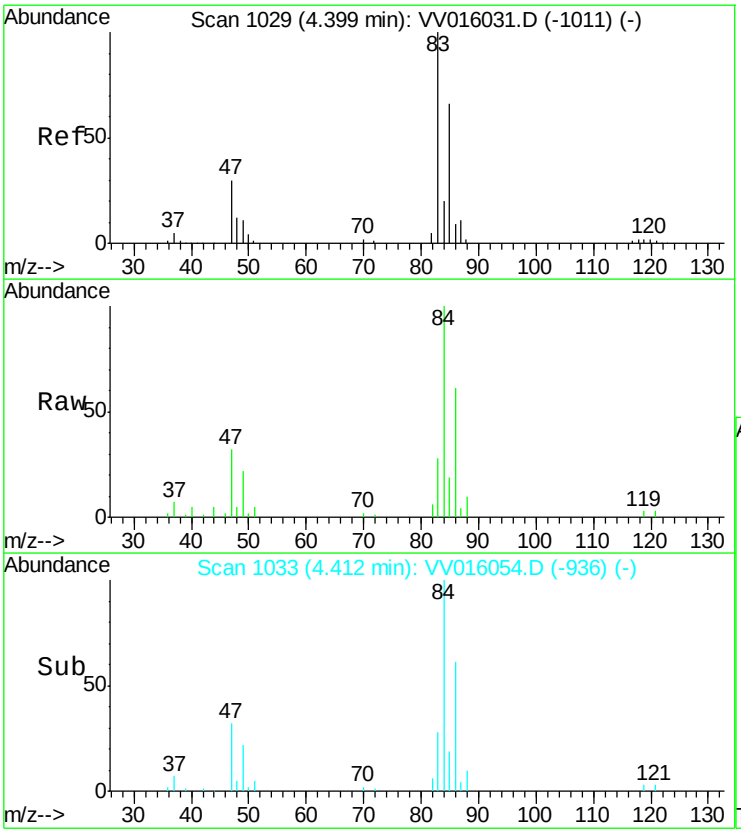
#22
cis-1,2-Dichloroethene
Concen: 0.202 ug/L
RT: 3.95 min Scan# 890
Delta R.T. 0.02 min
Lab File: VV016054.D
Acq: 13 May 2020 20:45

Instrument :
MSVOA_V
ClientSampleId :
H4232

Tgt Ion: 96 Resp: 1930

Ion	Ratio	Lower	Upper
96	100		
61	121.7	97.2	180.6
68	0.0	0.0	0.0

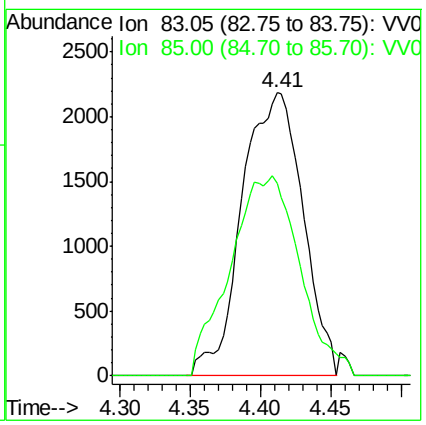


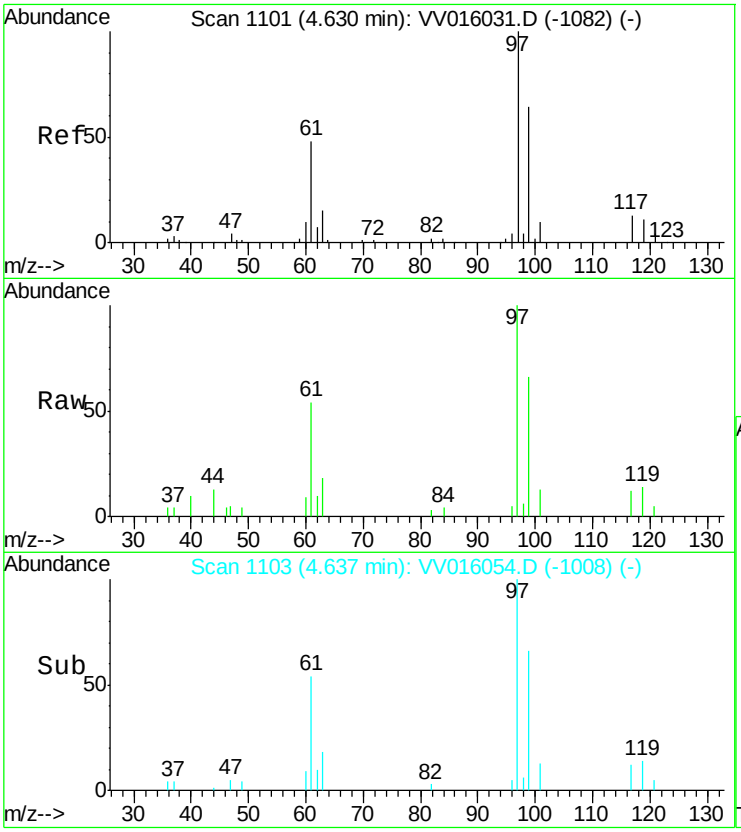


#25
Chloroform
Concen: 0.339 ug/L
RT: 4.41 min Scan# 1033
Delta R.T. 0.01 min
Lab File: VV016054.D
Acq: 13 May 2020 20:45

Tgt Ion: 83 Resp: 6574

Ion	Ratio	Lower	Upper
83	100		
85	68.2	45.7	84.9



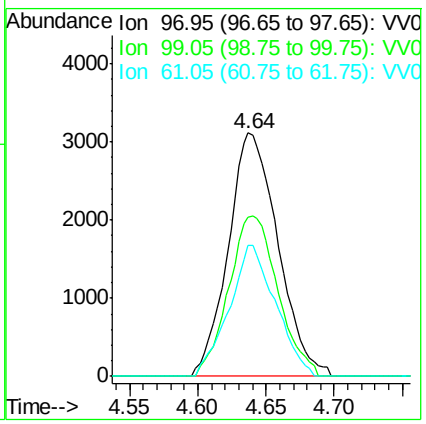


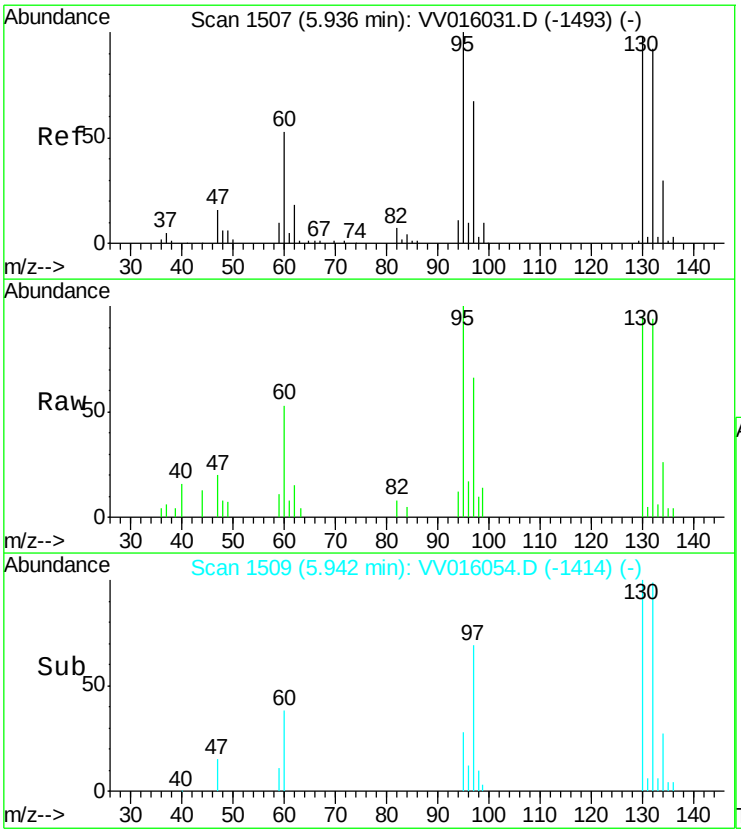
#29
1,1,1-Trichloroethane
Concen: 0.474 ug/L
RT: 4.64 min Scan# 1103
Delta R.T. 0.01 min
Lab File: VV016054.D
Acq: 13 May 2020 20:45

Instrument : MSVOA_V
ClientSampleId : H4232

Tgt Ion: 97 Resp: 7879

Ion	Ratio	Lower	Upper
97	100		
99	64.9	50.7	76.1
61	50.3	38.8	58.2

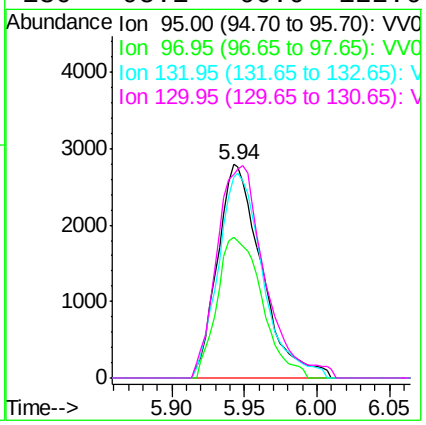


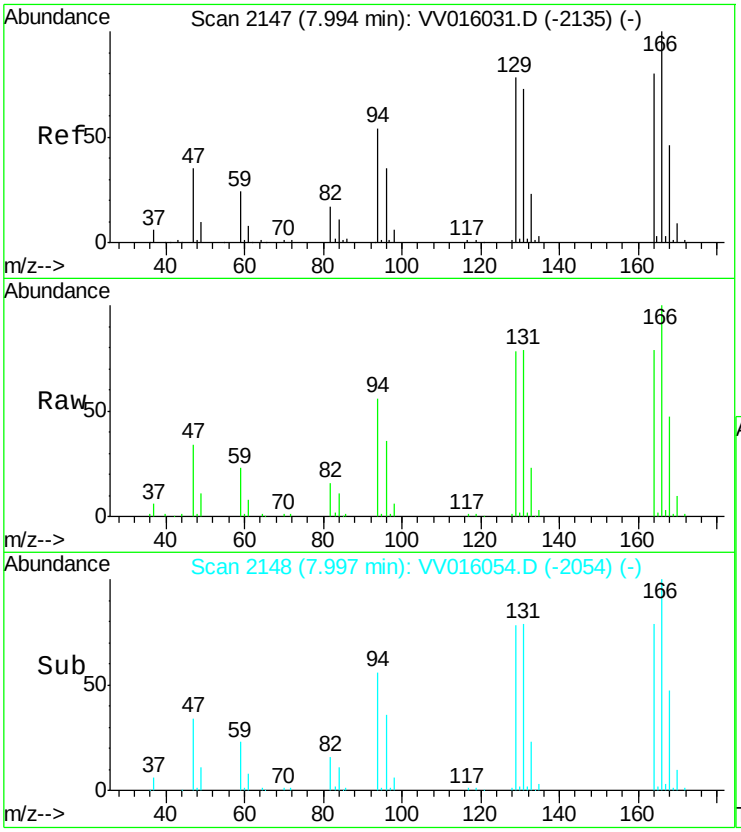


#34
Trichloroethene
Concen: 0.543 ug/L
RT: 5.94 min Scan# 1509
Delta R.T. 0.01 min
Lab File: VV016054.D
Acq: 13 May 2020 20:45

Tgt Ion: 95 Resp: 5882

Ion	Ratio	Lower	Upper
95	100		
97	65.7	43.3	80.5
132	94.1	60.3	112.1
130	95.1	66.0	122.6





#49
Tetrachloroethene
Concen: 6.670 ug/L
RT: 8.00 min Scan# 2148
Delta R.T. 0.00 min
Lab File: VV016054.D
Acq: 13 May 2020 20:45

Instrument :
MSVOA_V
ClientSampleId :
H4232

Tgt Ion:164 Resp: 50370

Ion	Ratio	Lower	Upper
164	100		
129	98.4	69.7	129.4
131	99.2	66.8	124.2
166	126.3	89.1	165.5