Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV051420\
Data File : VV016072.D
Acq On : 14 May 2020 17:21
Operator : SY/MD
Sample : L2598-23
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : H4245

Quant Time: May 15 08:19:20 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri May 15 06:27:04 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	142692	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	144951	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	62817	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	40984	5.29	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 105.80%			
7) Chloroethane-d5	1.58	69	41179	5.61	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 112.20%			
11) 1,1-Dichloroethene-d2	2.13	63	74151	4.45	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 89.00%			
20) 2-Butanone-d5	3.93	46	123609	55.98	ug/L	-0.03
Spiked Amount 50.000	Range 40 - 130		Recovery = 111.96%			
24) Chloroform-d	4.38	84	87214	5.15	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 103.00%			
26) 1,2-Dichloroethane-d4	5.06	65	50470	5.20	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 104.00%			
32) Benzene-d6	5.08	84	171104	4.96	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 99.20%			
36) 1,2-Dichloropropane-d6	6.10	67	54516	5.18	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 103.60%			
41) Toluene-d8	7.34	98	150018	4.60	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 92.00%			
45) trans-1,3-Dichloropropene-	7.65	79	17760	4.30	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 86.00%			
48) 2-Hexanone-d5	8.12	63	94565	52.10	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 104.20%			
59) 1,1,2,2-Tetrachloroethane-	10.24	84	38733	5.23	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 104.60%			
65) 1,2-Dichlorobenzene-d4	11.65	152	56498	5.54	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 110.80%			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.14	96	21295	2.712	ug/L #	79
13) Acetone	2.21	43	3300	2.265	ug/L	89
22) cis-1,2-Dichloroethene	3.95	96	1540	0.170	ug/L	97
25) Chloroform	4.41	83	8694	0.472	ug/L	97
29) 1,1,1-Trichloroethane	4.64	97	11048	0.691	ug/L	99
34) Trichloroethene	5.95	95	7574	0.728	ug/L	97
49) Tetrachloroethene	8.00	164	55803	7.683	ug/L	99

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

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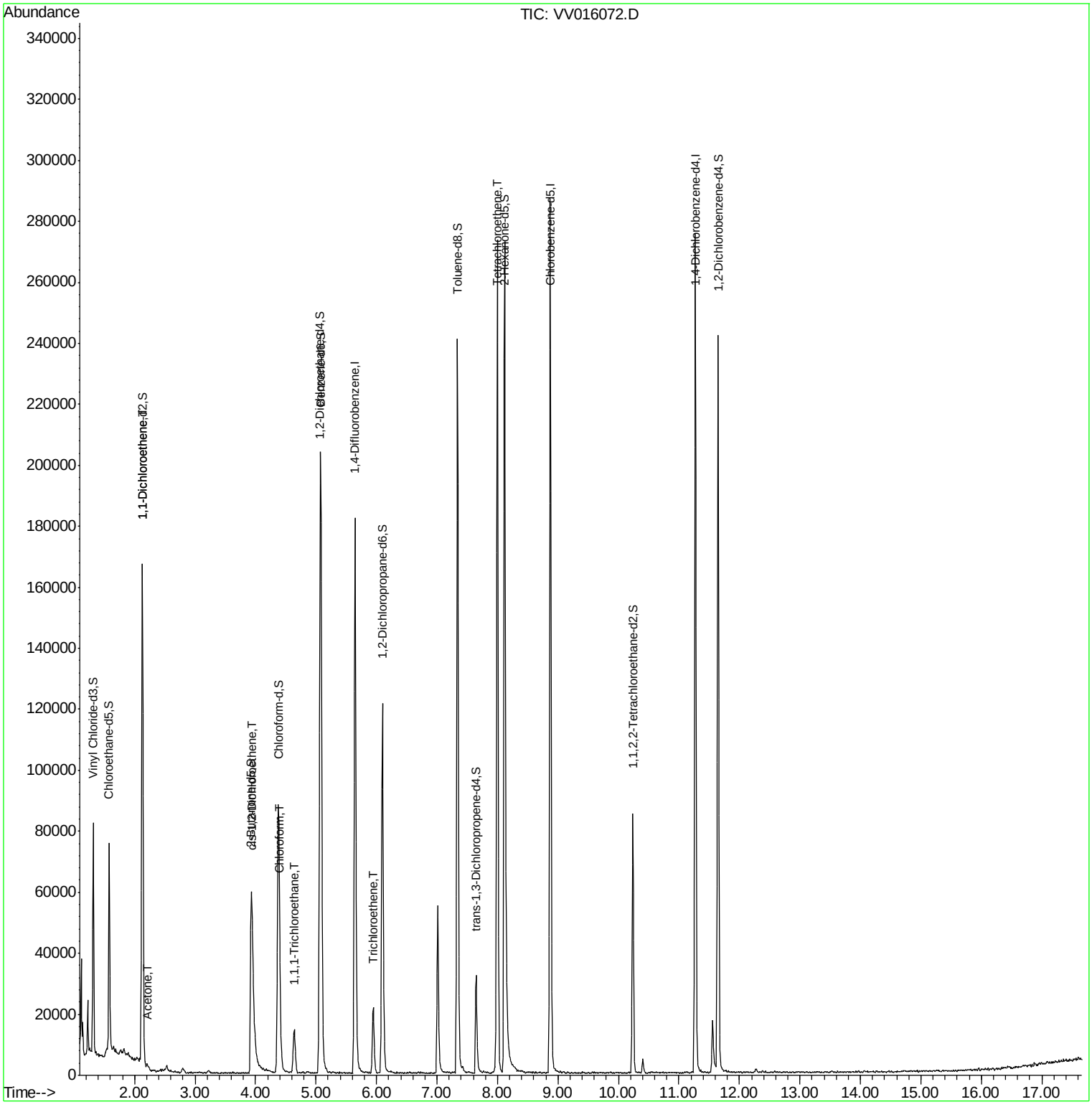
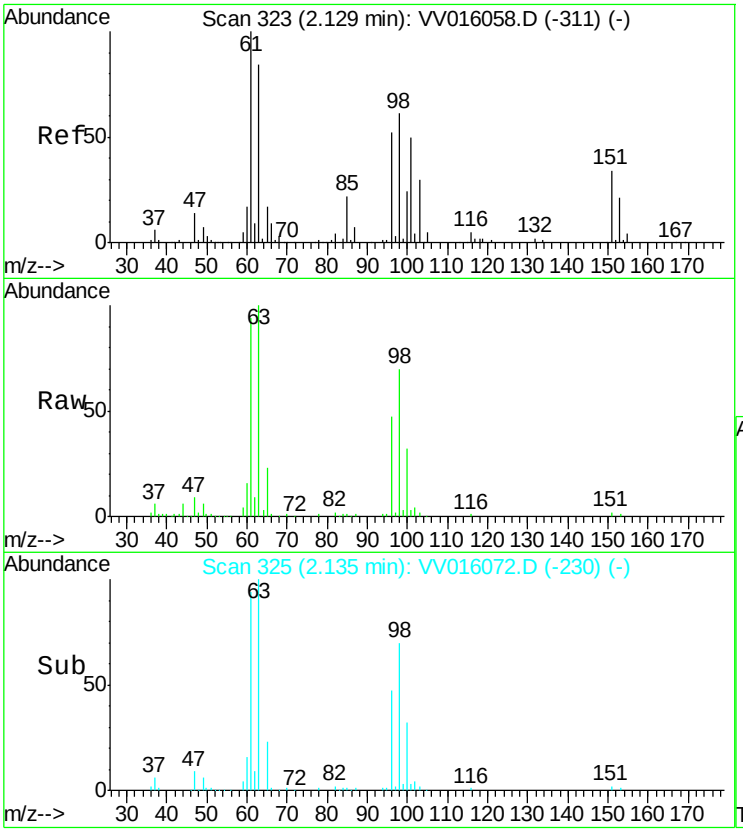


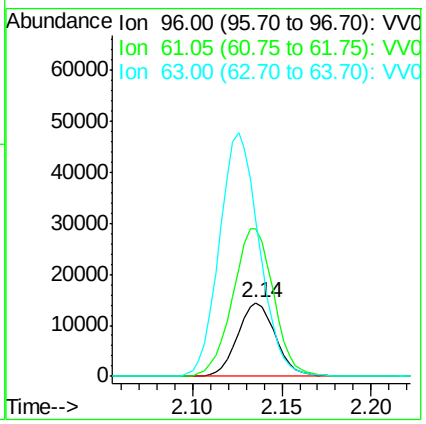


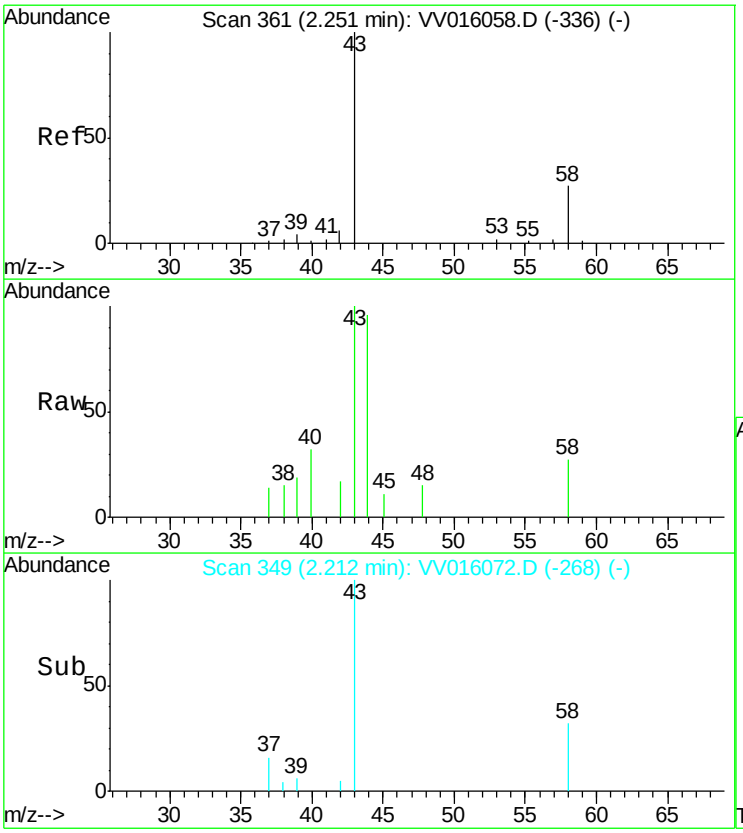
#12
1,1-Dichloroethene
Concen: 2.712 ug/L
RT: 2.14 min Scan# 325
Delta R.T. 0.01 min
Lab File: VV016072.D
Acq: 14 May 2020 17:21

Instrument : MSVOA_V
ClientSampleId : H4245

Tgt Ion: 96 Resp: 21295

Ion	Ratio	Lower	Upper
96	100		
61	201.0	139.9	259.7
63	213.3	106.4	197.6#

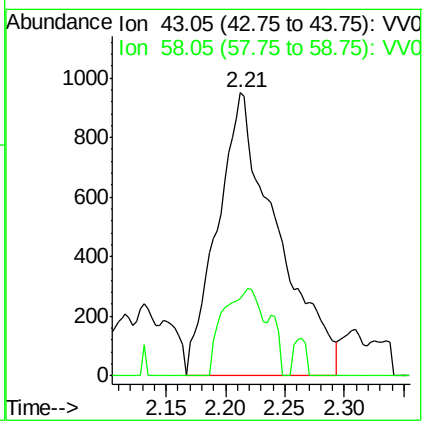


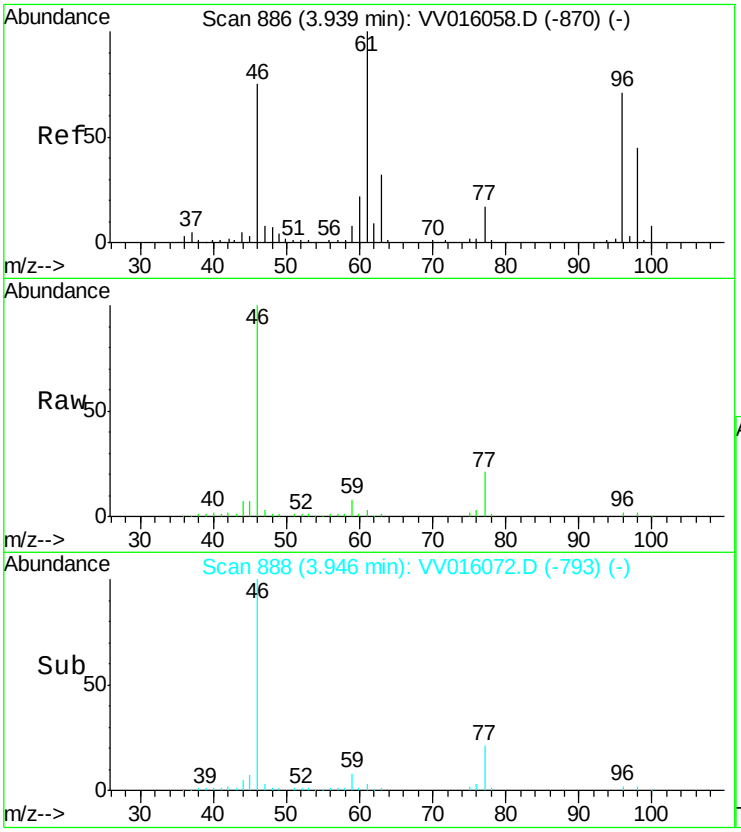


#13
Acetone
Concen: 2.265 ug/L
RT: 2.21 min Scan# 349
Delta R.T. -0.04 min
Lab File: VV016072.D
Acq: 14 May 2020 17:21

Tgt Ion: 43 Resp: 3300

Ion	Ratio	Lower	Upper
43	100		
58	20.0	0.0	30.8



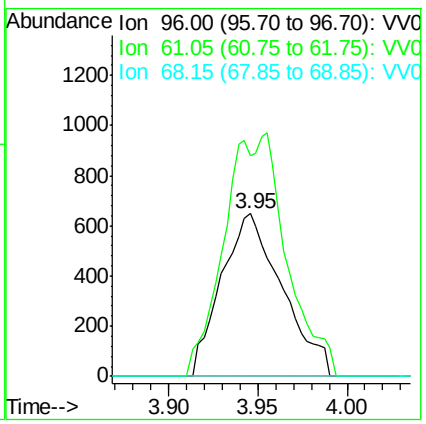


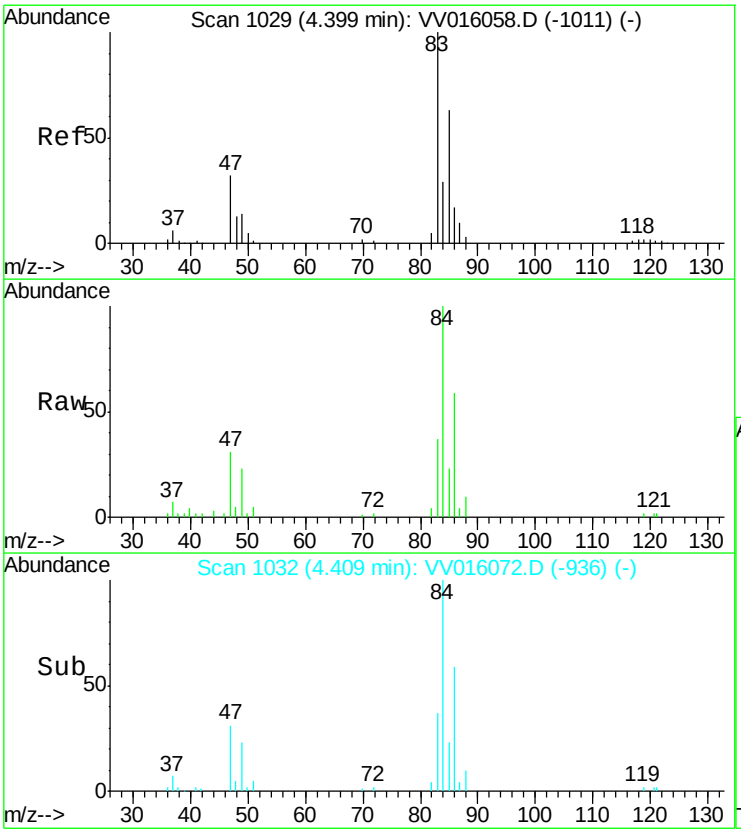
#22
cis-1,2-Dichloroethene
Concen: 0.170 ug/L
RT: 3.95 min Scan# 888
Delta R.T. 0.01 min
Lab File: VV016072.D
Acq: 14 May 2020 17:21

Instrument :
MSVOA_V
ClientSampleId :
H4245

Tgt Ion: 96 Resp: 1540

Ion	Ratio	Lower	Upper
96	100		
61	135.7	97.2	180.6
68	0.0	0.0	0.0

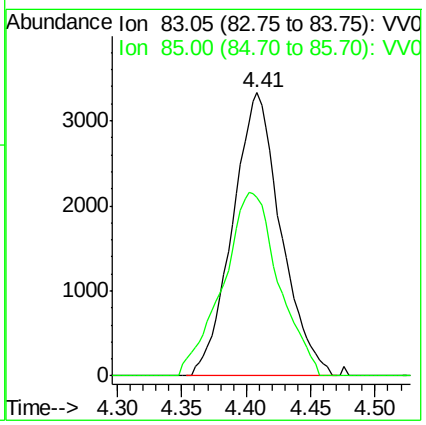


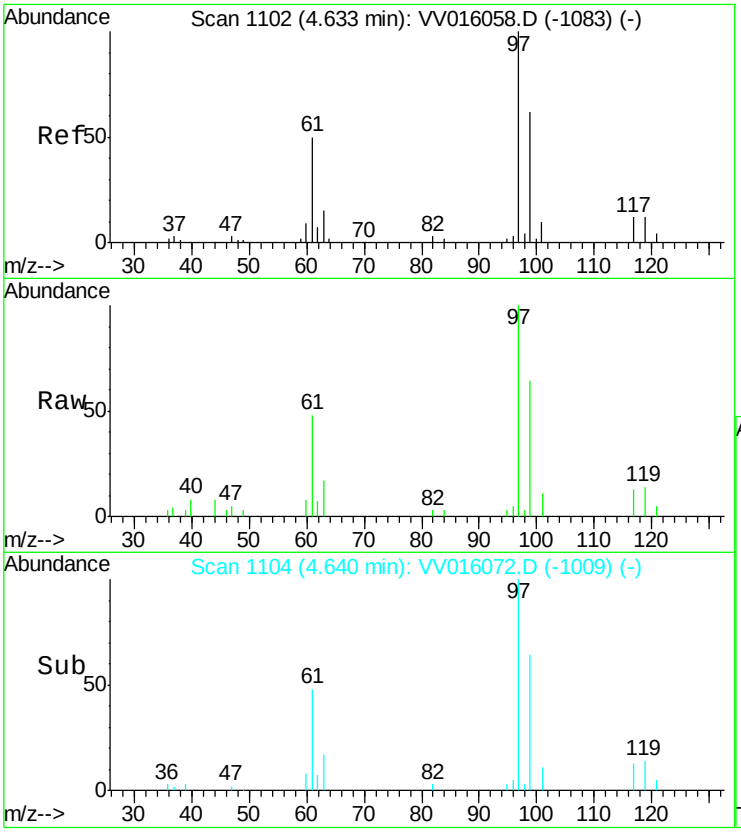


#25
Chloroform
Concen: 0.472 ug/L
RT: 4.41 min Scan# 1032
Delta R.T. 0.01 min
Lab File: VV016072.D
Acq: 14 May 2020 17:21

Tgt Ion: 83 Resp: 8694

Ion	Ratio	Lower	Upper
83	100		
85	63.1	45.7	84.9



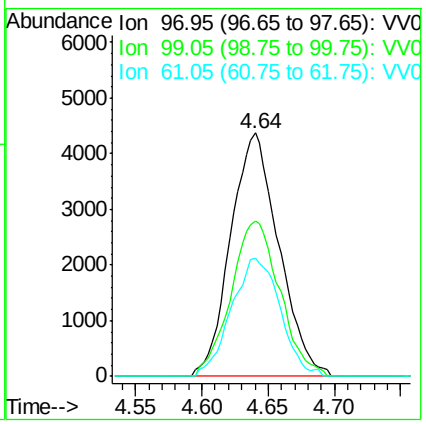


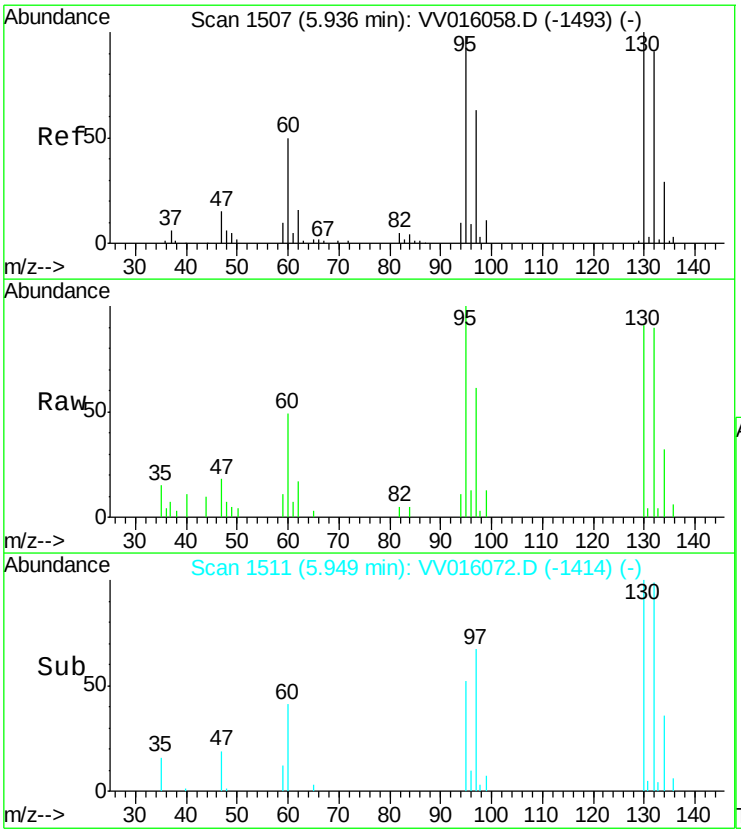
#29
1,1,1-Trichloroethane
Concen: 0.691 ug/L
RT: 4.64 min Scan# 1104
Delta R.T. 0.01 min
Lab File: VV016072.D
Acq: 14 May 2020 17:21

Instrument : MSVOA_V
ClientSampleId : H4245

Tgt Ion: 97 Resp: 11048

Ion	Ratio	Lower	Upper
97	100		
99	64.6	50.7	76.1
61	49.0	38.8	58.2

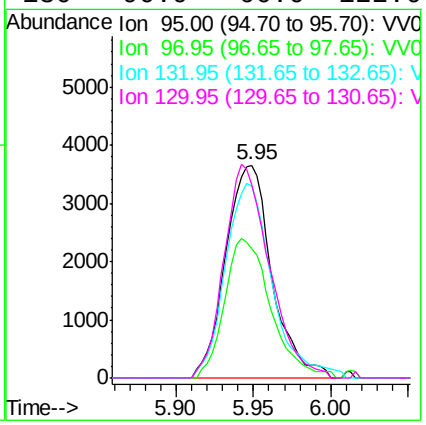


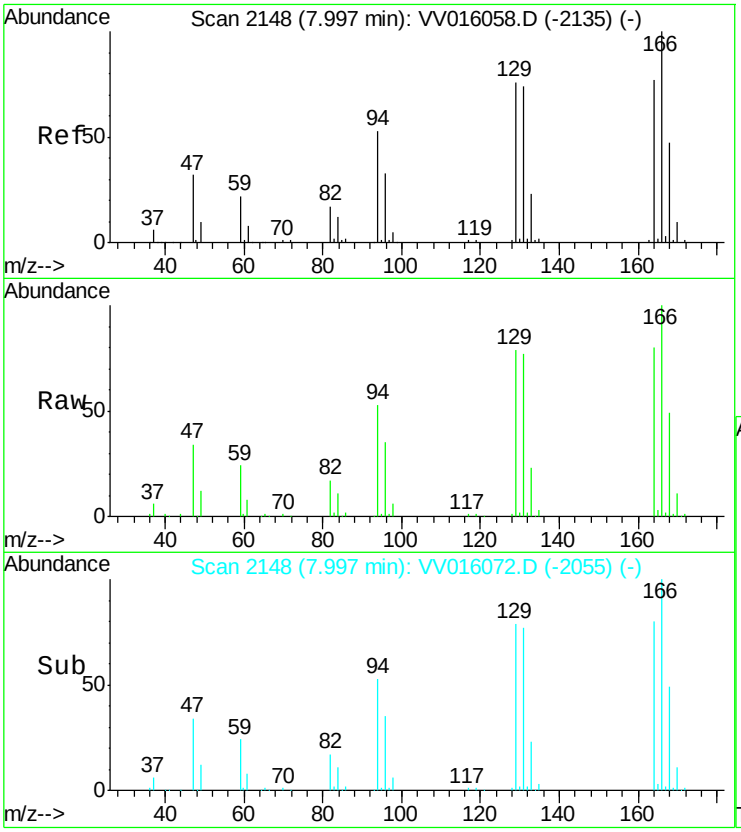


#34
Trichloroethene
Concen: 0.728 ug/L
RT: 5.95 min Scan# 1511
Delta R.T. 0.01 min
Lab File: VV016072.D
Acq: 14 May 2020 17:21

Tgt Ion: 95 Resp: 7574

Ion	Ratio	Lower	Upper
95	100		
97	60.7	43.3	80.5
132	90.2	60.3	112.1
130	90.9	66.0	122.6





#49
Tetrachloroethene
Concen: 7.683 ug/L
RT: 8.00 min Scan# 2148
Delta R.T. 0.00 min
Lab File: VV016072.D
Acq: 14 May 2020 17:21

Instrument :
MSVOA_V
ClientSampleId :
H4245

Tgt Ion:164 Resp: 55803

Ion	Ratio	Lower	Upper
164	100		
129	98.3	69.7	129.4
131	95.6	66.8	124.2
166	124.8	89.1	165.5