Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV062520\
Data File : VV017139.D
Acq On : 25 Jun 2020 19:59
Operator : SY/MD
Sample : L3106-09
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFXN1

Quant Time: Jun 26 04:45:25 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jun 26 01:31:34 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	169552	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	167511	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	77873	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	49502	4.86	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 97.20%			
7) Chloroethane-d5	1.58	69	38135	5.15	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 103.00%			
11) 1,1-Dichloroethene-d2	2.12	63	73311	3.79	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 75.80%			
20) 2-Butanone-d5	3.95	46	113040	43.59	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 87.18%			
24) Chloroform-d	4.38	84	107328	4.93	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 98.60%			
26) 1,2-Dichloroethane-d4	5.06	65	56165	4.87	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 97.40%			
32) Benzene-d6	5.08	84	197775	4.55	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 91.00%			
36) 1,2-Dichloropropane-d6	6.09	67	57016	4.38	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 87.60%			
41) Toluene-d8	7.34	98	169351	4.15	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 83.00%			
45) trans-1,3-Dichloropropene-	7.65	79	21866	4.04	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 80.80%			
48) 2-Hexanone-d5	8.11	63	85383	41.36	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 82.72%			
59) 1,1,2,2-Tetrachloroethane-	10.24	84	38269	4.43	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 88.60%			
65) 1,2-Dichlorobenzene-d4	11.65	152	68796	4.78	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 95.60%			
Target Compounds						Qvalue
13) Acetone	2.23	43	13598	10.372	ug/L	59
19) 1,1-Dichloroethane	3.21	63	22955	1.185	ug/L	99
22) cis-1,2-Dichloroethene	3.94	96	12502	1.060	ug/L #	84
25) Chloroform	4.41	83	48267	2.281	ug/L	96
29) 1,1,1-Trichloroethane	4.64	97	8695	0.433	ug/L	97
30) Cyclohexane	4.70	56	9015	0.472	ug/L	90
34) Trichloroethene	5.94	95	1951	0.152	ug/L #	84

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

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Quant Title : TRACE VOA SOM01.0
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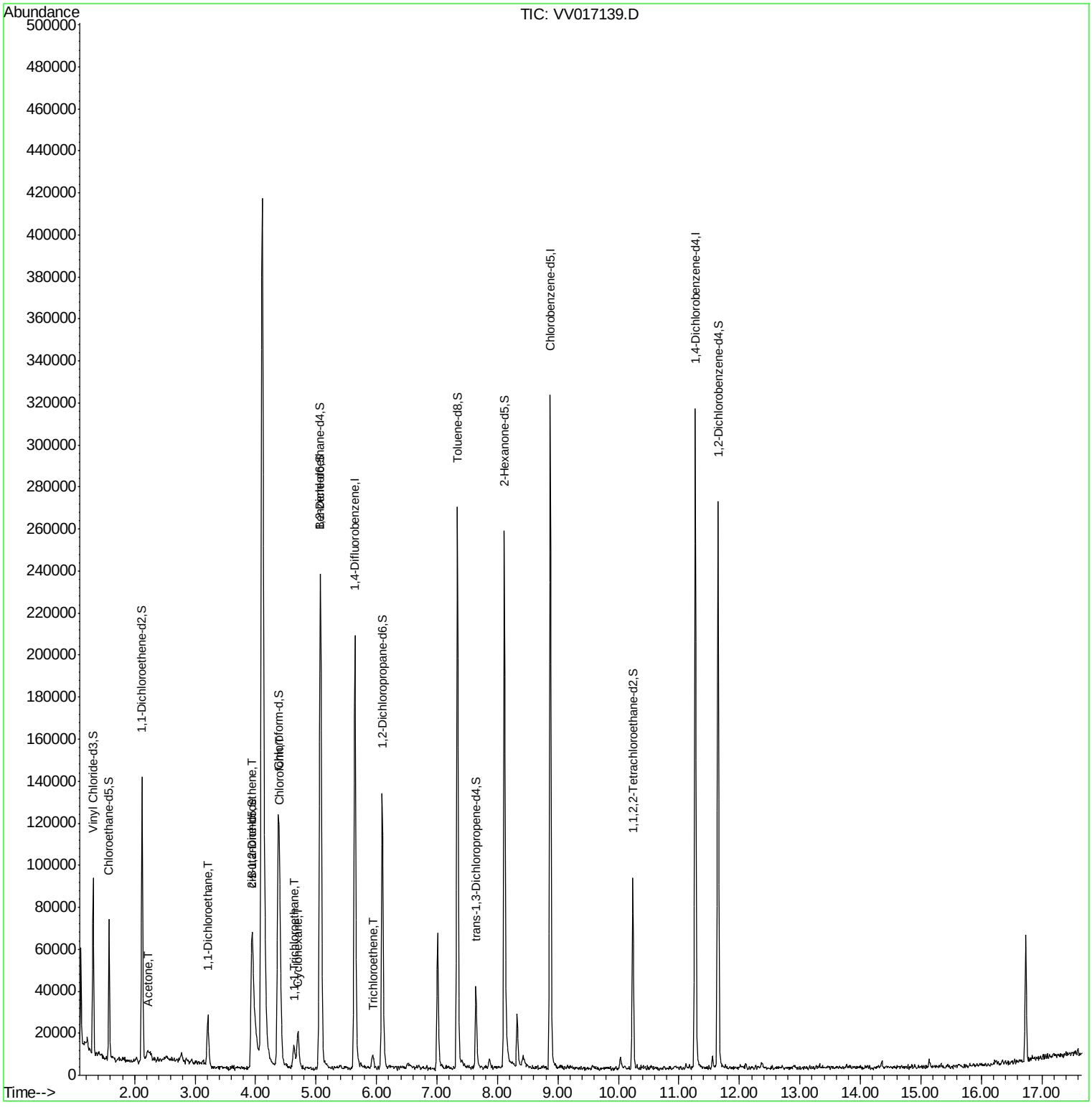
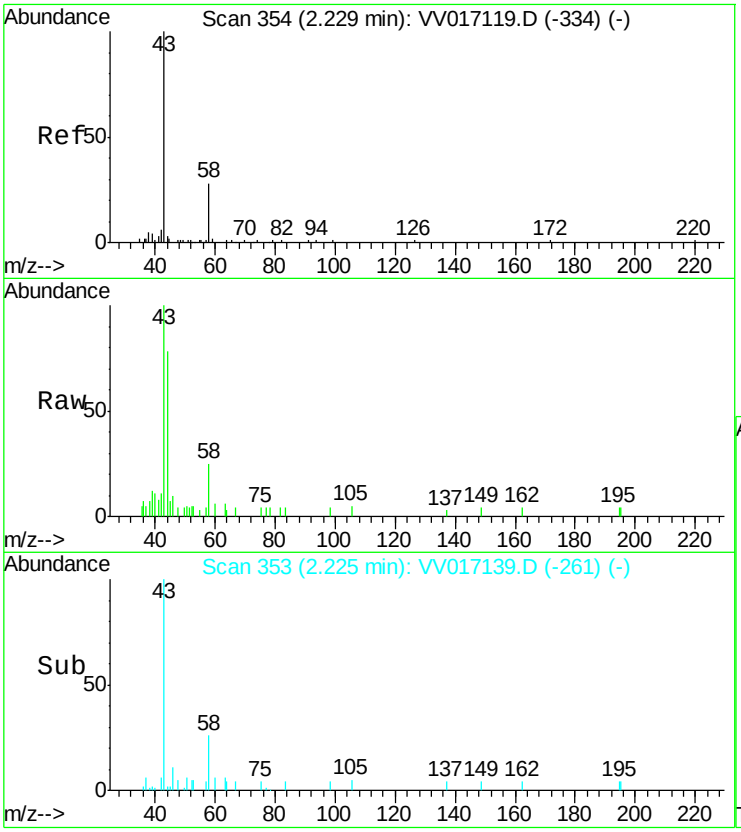


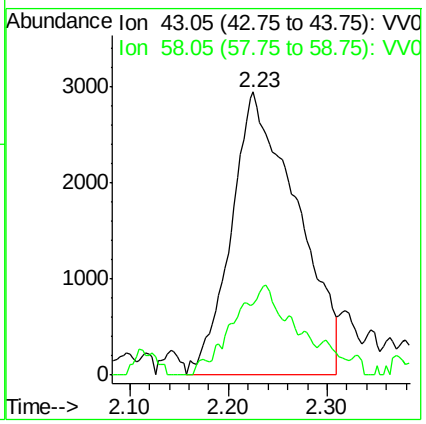


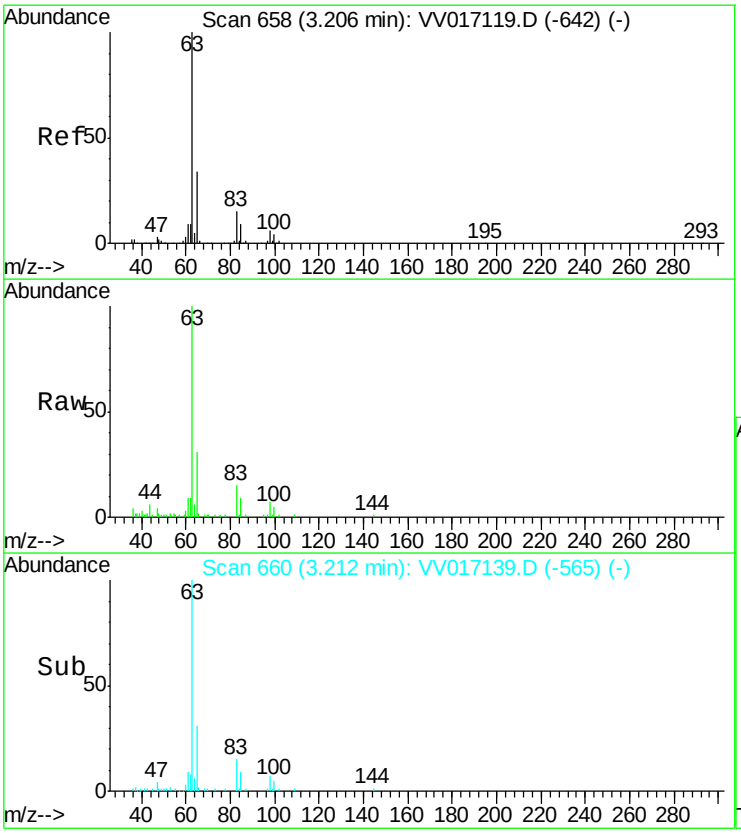
#13
Acetone
Concen: 10.372 ug/L
RT: 2.23 min Scan# 353
Delta R.T. -0.00 min
Lab File: VV017139.D
Acq: 25 Jun 2020 19:59

Instrument :
MSVOA_V
ClientSampleId :
BFXN1

Tgt Ion: 43 Resp: 13598

Ion	Ratio	Lower	Upper
43	100		
58	7.1	0.0	58.4

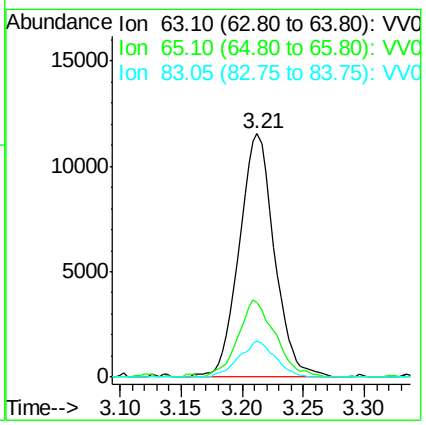


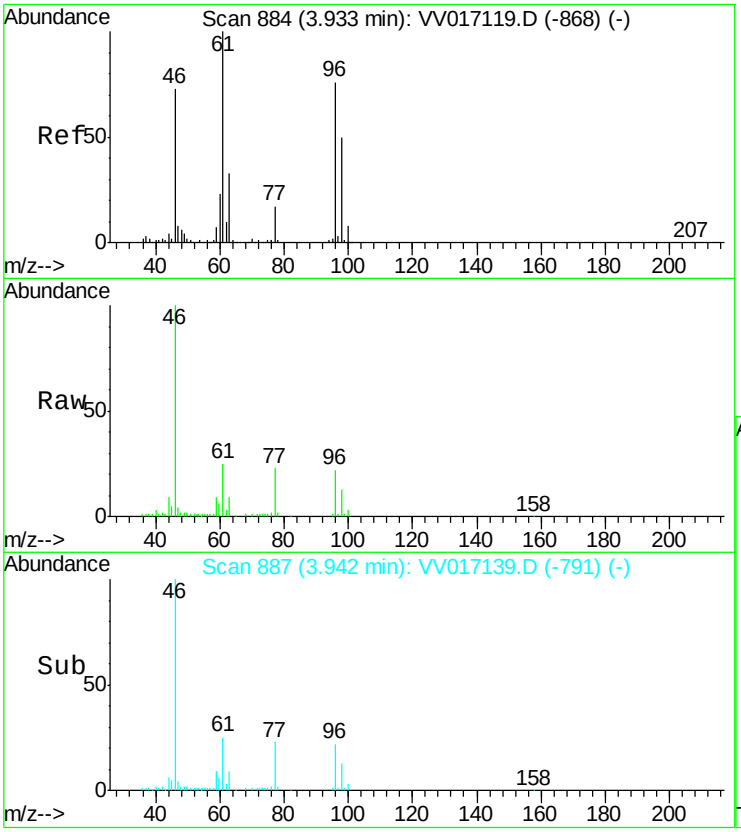


#19
1,1-Dichloroethane
Concen: 1.185 ug/L
RT: 3.21 min Scan# 660
Delta R.T. 0.01 min
Lab File: VV017139.D
Acq: 25 Jun 2020 19:59

Tgt Ion: 63 Resp: 22955

Ion	Ratio	Lower	Upper
63	100		
65	30.9	21.8	40.4
83	14.8	9.7	17.9



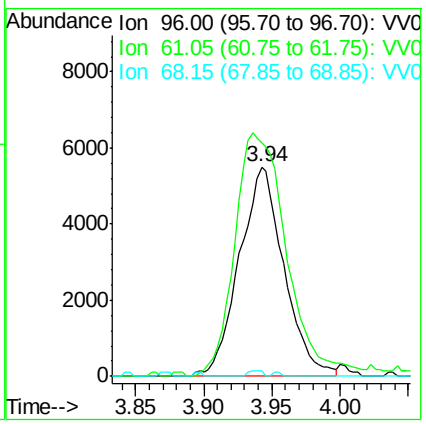


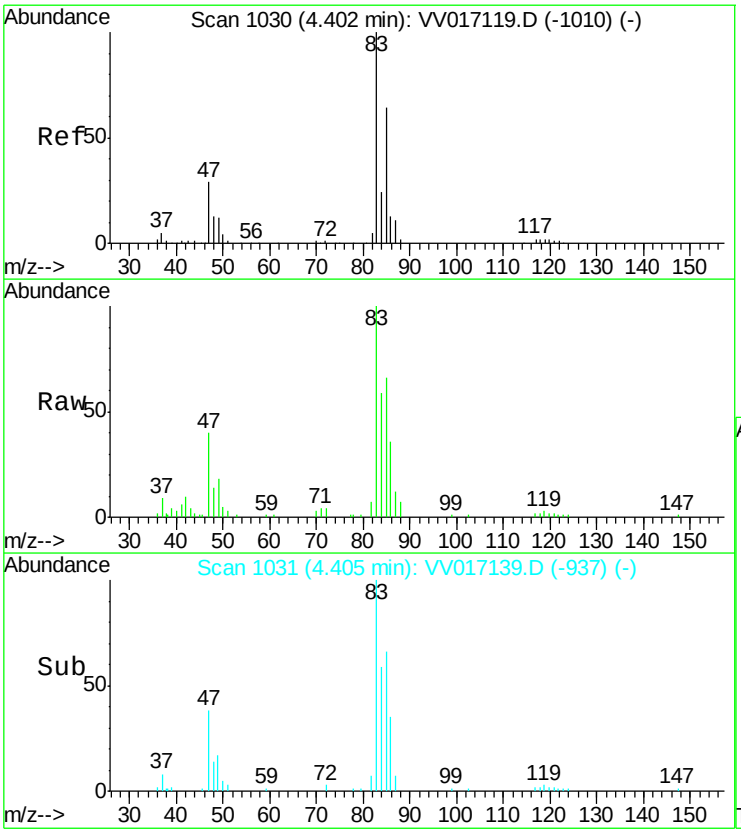
#22
cis-1,2-Dichloroethene
Concen: 1.060 ug/L
RT: 3.94 min Scan# 887
Delta R.T. 0.01 min
Lab File: VV017139.D
Acq: 25 Jun 2020 19:59

Instrument :
MSVOA_V
ClientSampleId :
BFXN1

Tgt Ion: 96 Resp: 12502

Ion	Ratio	Lower	Upper
96	100		
61	111.4	91.0	169.0
68	2.5	0.0	0.0#

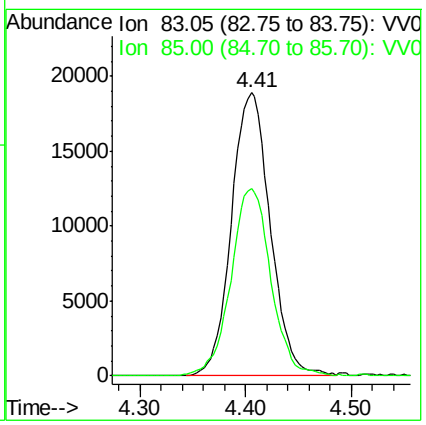


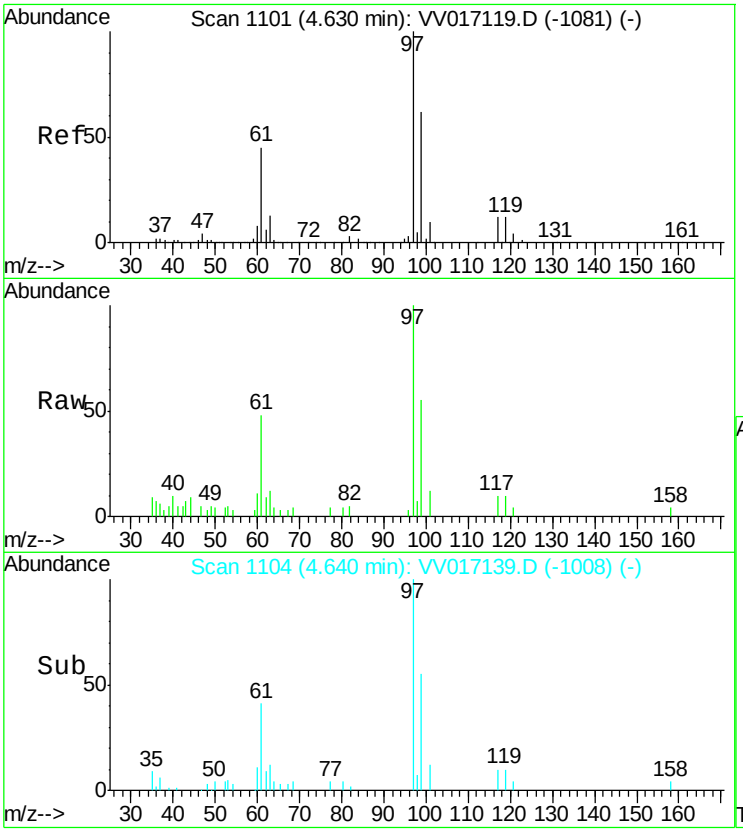


#25
Chloroform
Concen: 2.281 ug/L
RT: 4.41 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VV017139.D
Acq: 25 Jun 2020 19:59

Tgt Ion: 83 Resp: 48267

Ion	Ratio	Lower	Upper
83	100		
85	66.2	44.2	82.2



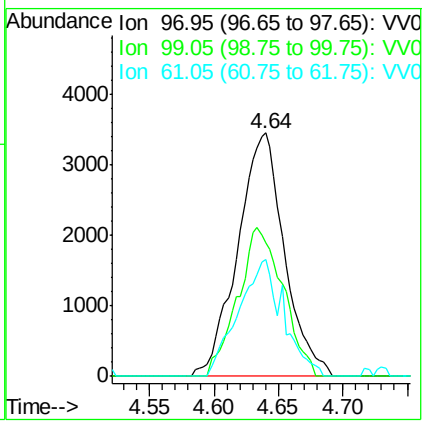


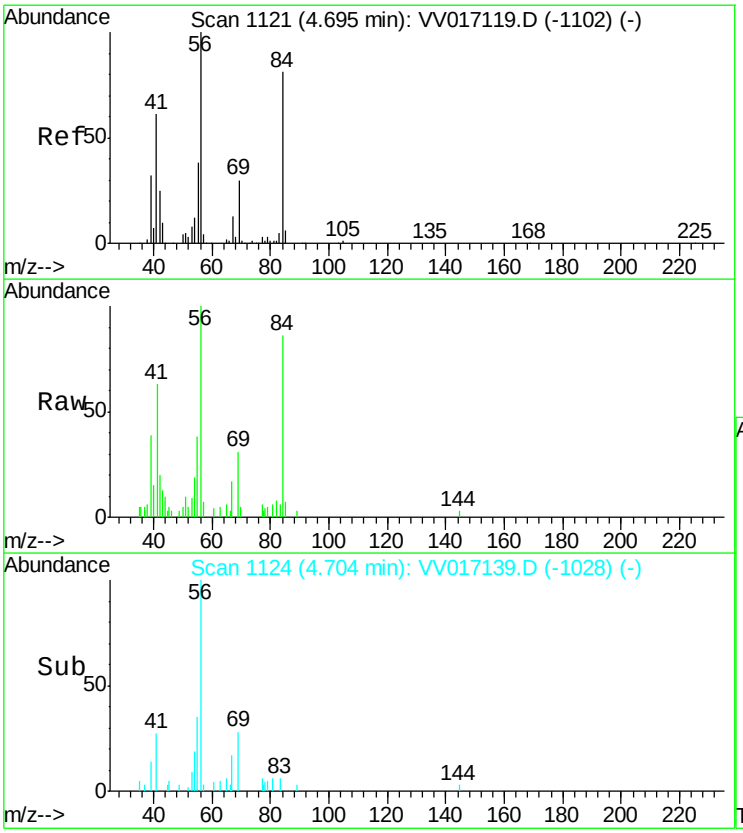
#29
1,1,1-Trichloroethane
Concen: 0.433 ug/L
RT: 4.64 min Scan# 1104
Delta R.T. 0.01 min
Lab File: VV017139.D
Acq: 25 Jun 2020 19:59

Instrument :
MSVOA_V
ClientSampleId :
BFXN1

Tgt Ion: 97 Resp: 8695

Ion	Ratio	Lower	Upper
97	100		
99	59.3	50.3	75.5
61	46.0	36.0	54.0

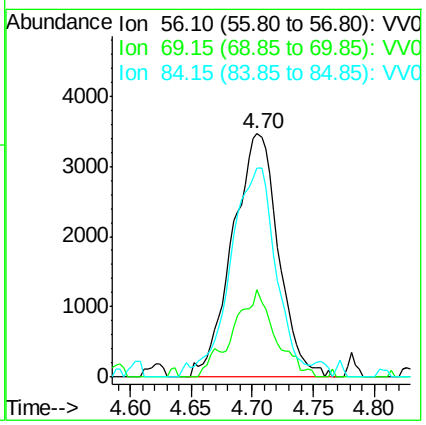


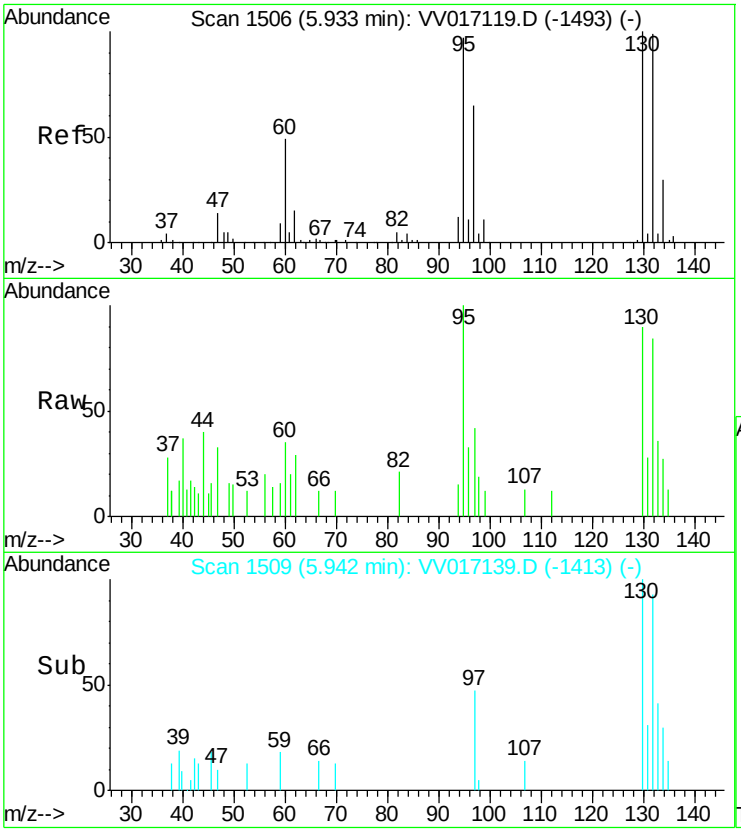


#30
Cyclohexane
Concen: 0.472 ug/L
RT: 4.70 min Scan# 1124
Delta R.T. 0.01 min
Lab File: VV017139.D
Acq: 25 Jun 2020 19:59

Tgt Ion: 56 Resp: 9015

Ion	Ratio	Lower	Upper
56	100		
69	29.3	24.4	36.6
84	75.7	69.9	104.9





#34
Trichloroethene
Concen: 0.152 ug/L
RT: 5.94 min Scan# 1509
Delta R.T. 0.01 min
Lab File: VV017139.D
Acq: 25 Jun 2020 19:59

Instrument :
MSVOA_V
ClientSampleId :
BFXN1

Tgt Ion: 95 Resp: 1951

Ion	Ratio	Lower	Upper
95	100		
97	42.4	45.3	84.1#
132	83.7	68.8	127.8
130	90.0	70.2	130.4