Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV072319\

Quantitation Report (Not Reviewed)

Data File : VV011986.D
Acq On : 24 Jul 2019 01:07
Operator : SY/MD
Sample : K3958-03
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F2A08

Quant Time: Jul 24 07:51:50 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jul 24 07:47:25 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	144531	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	140334	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	69179	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	36500	4.86	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 97.20%			
7) Chloroethane-d5	1.59	69	28841	4.88	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 97.60%			
11) 1,1-Dichloroethene-d2	2.13	63	57725	3.86	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 77.20%			
20) 2-Butanone-d5	3.94	46	105082	47.86	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 95.72%			
24) Chloroform-d	4.40	84	92883	4.72	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.40%			
26) 1,2-Dichloroethane-d4	5.08	65	52152	5.19	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 103.80%			
32) Benzene-d6	5.10	84	187281	4.79	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 95.80%			
36) 1,2-Dichloropropane-d6	6.12	67	53197	4.75	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 95.00%			
41) Toluene-d8	7.36	98	172004	4.74	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 94.80%			
43) trans-1,3-Dichloropropene-	7.67	79	19932	4.39	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 87.80%			
46) 2-Hexanone-d5	8.13	63	86311	47.29	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 94.58%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	36607	4.60	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 92.00%			
64) 1,2-Dichlorobenzene-d4	11.67	152	69795	5.24	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 104.80%			
Target Compounds						Qvalue
13) Acetone	2.19	43	11953	10.099	ug/L	98
15) Methyl Acetate	2.32	43	16365	6.333	ug/L #	45
21) 2-Butanone	4.13	43	141188	62.182	ug/L #	48
22) cis-1,2-Dichloroethene	3.97	96	1158	0.105	ug/L	89
25) Chloroform	4.43	83	5849	0.268	ug/L	84
30) Cyclohexane	4.73	56	1166	0.069	ug/L #	82
34) Trichloroethene	5.96	95	41945	3.659	ug/L	96
35) Methylcyclohexane	6.12	83	13766	0.772	ug/L #	19
37) 1,2-Dichloropropane	6.12	63	6517	0.657	ug/L #	84
39) cis-1,3-Dichloropropene	7.03	75	1528	0.104	ug/L #	66
42) Toluene	7.43	91	6070	0.137	ug/L	100
59) 1,2,3-Trichloropropane	10.05	75	766	0.132	ug/L #	42

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV072319\

Quantitation Report (Not Reviewed)

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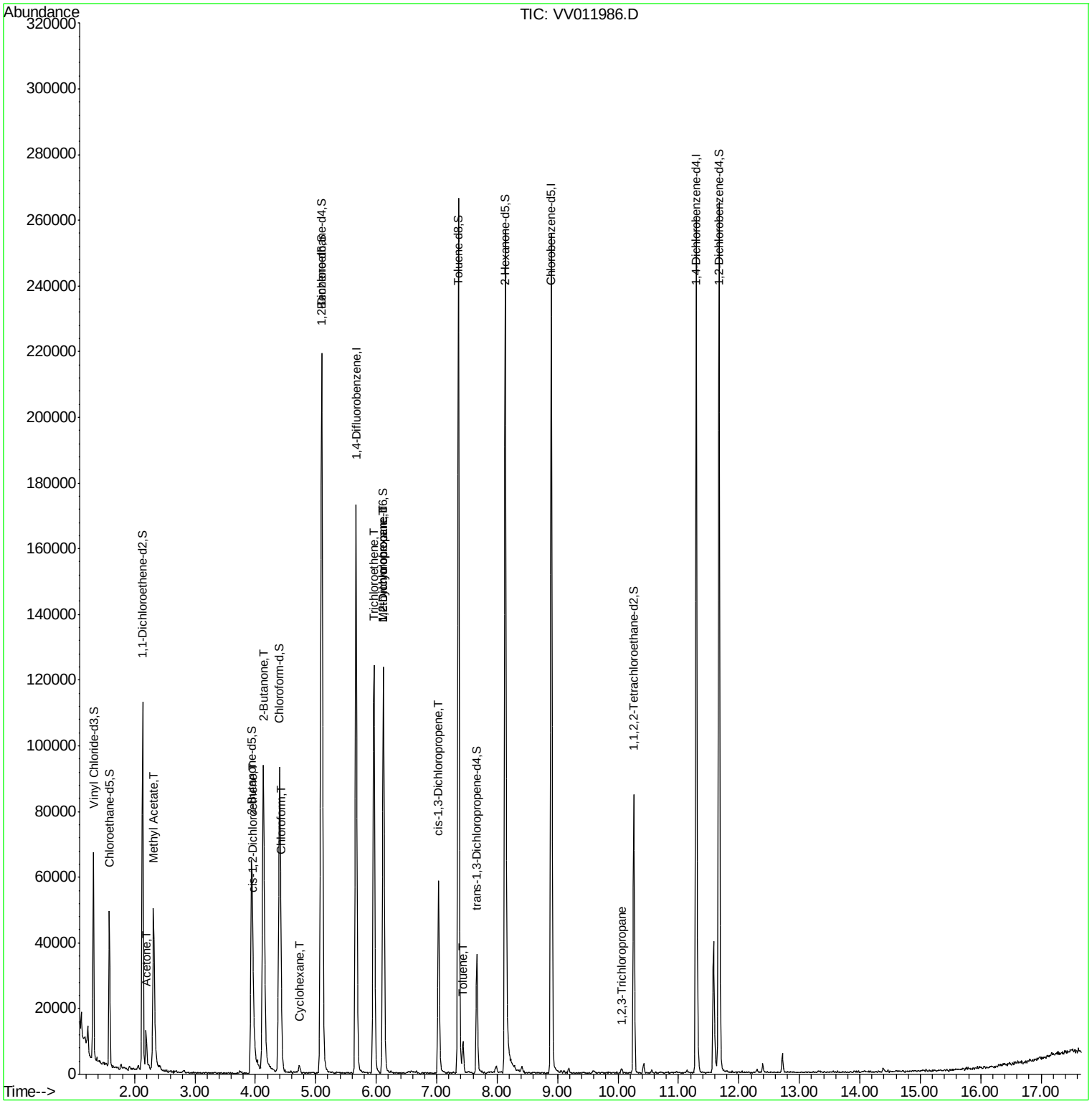
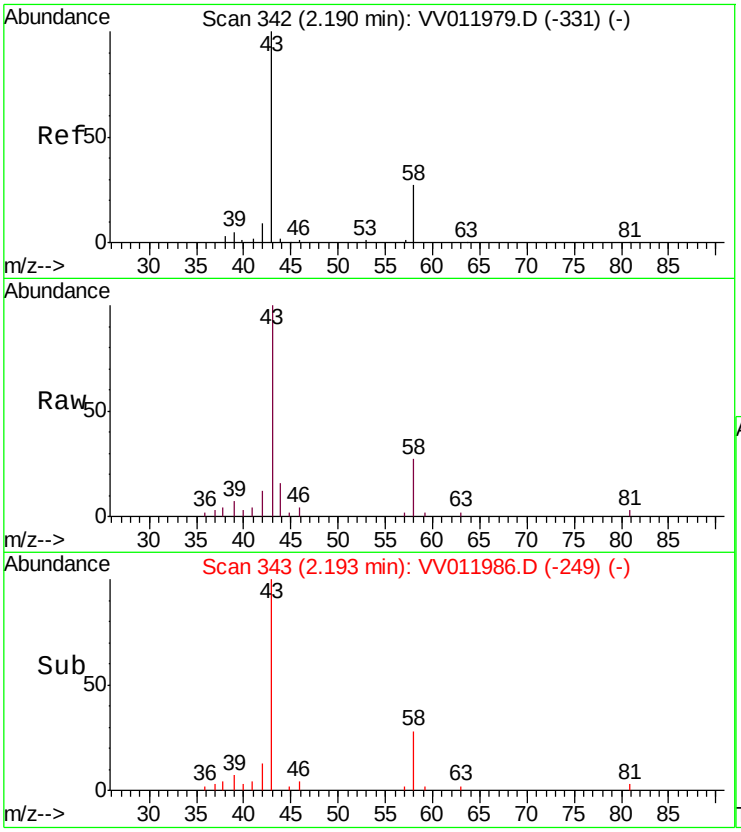
ClientSampleId : F2A08

Quant Time: Jul 24 07:51:50 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jul 24 07:47:25 2019
Response via : Initial Calibration



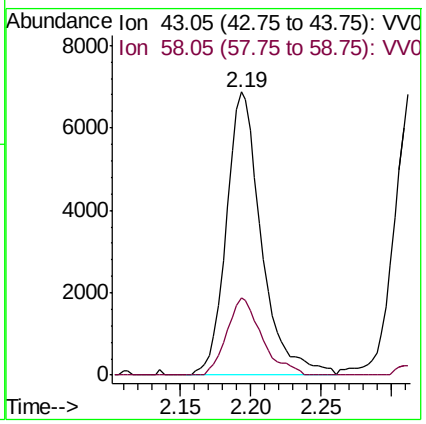


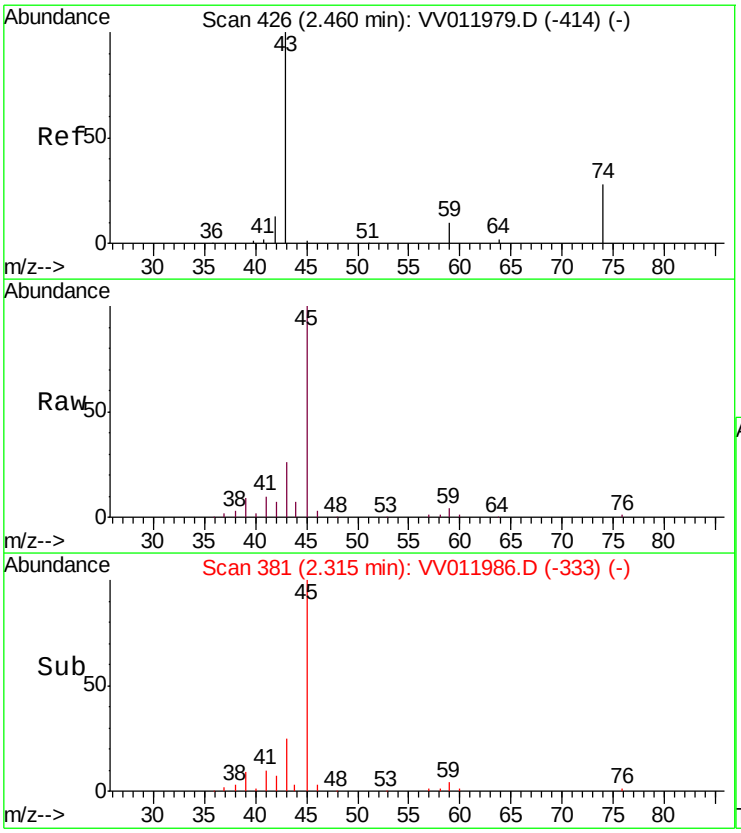
#13
Acetone
Concen: 10.099 ug/L
RT: 2.19 min Scan# 343
Delta R.T. 0.00 min
Lab File: VV011986.D
Acq: 24 Jul 2019 01:07

Instrument :
MSVOA_V
ClientSampleId :
F2A08

Tgt Ion: 43 Resp: 11953

Ion	Ratio	Lower	Upper
43	100		
58	27.1	0.0	51.8

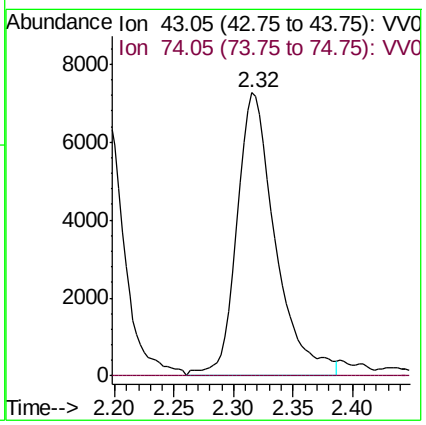


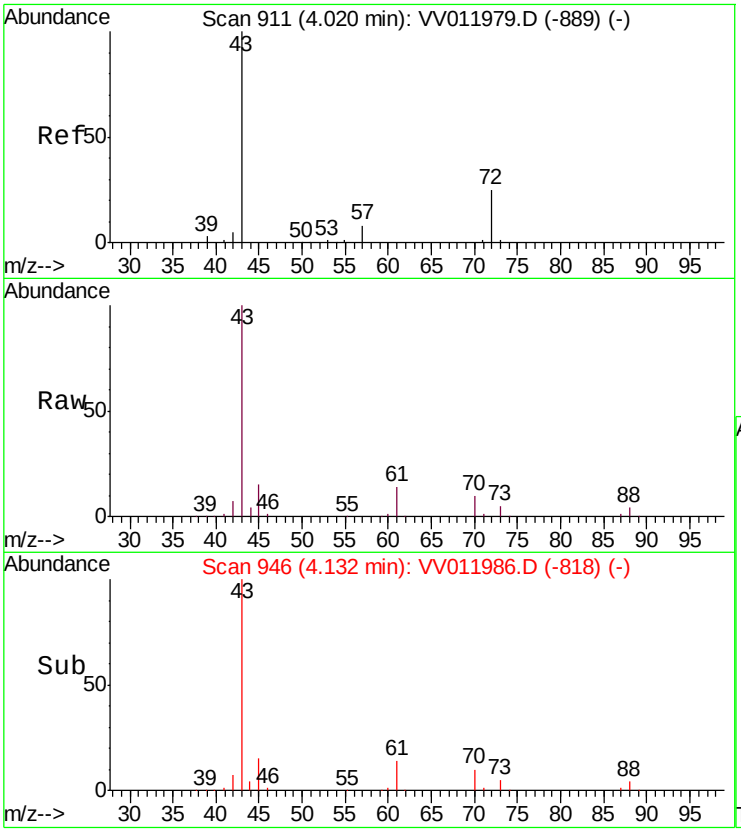


#15
Methyl Acetate
Concen: 6.333 ug/L
RT: 2.32 min Scan# 381
Delta R.T. -0.14 min
Lab File: VV011986.D
Acq: 24 Jul 2019 01:07

Tgt Ion: 43 Resp: 16365

Ion	Ratio	Lower	Upper
43	100		
74	0.0	23.4	35.2#



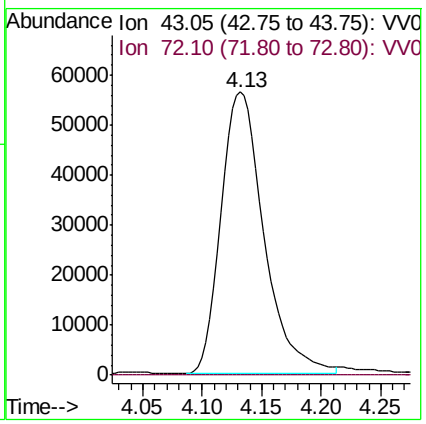


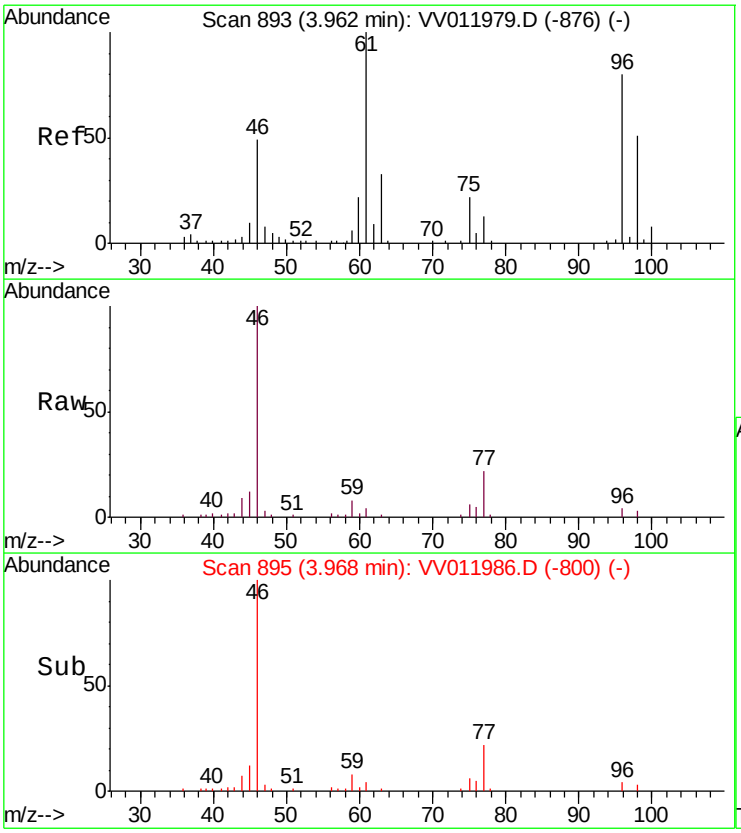
#21
2-Butanone
Concen: 62.182 ug/L
RT: 4.13 min Scan# 946
Delta R.T. 0.11 min
Lab File: VV011986.D
Acq: 24 Jul 2019 01:07

Instrument : MSVOA_V
ClientSampleId : F2A08

Tgt Ion: 43 Resp: 141188

Ion	Ratio	Lower	Upper
43	100		
72	0.1	13.6	40.8#

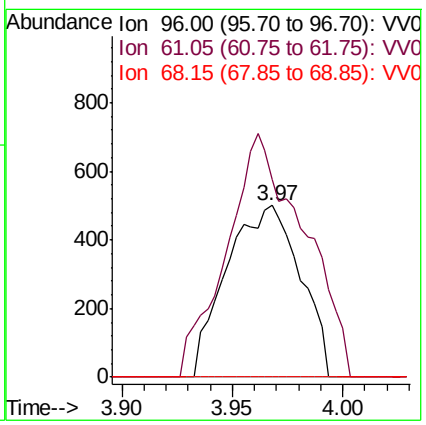


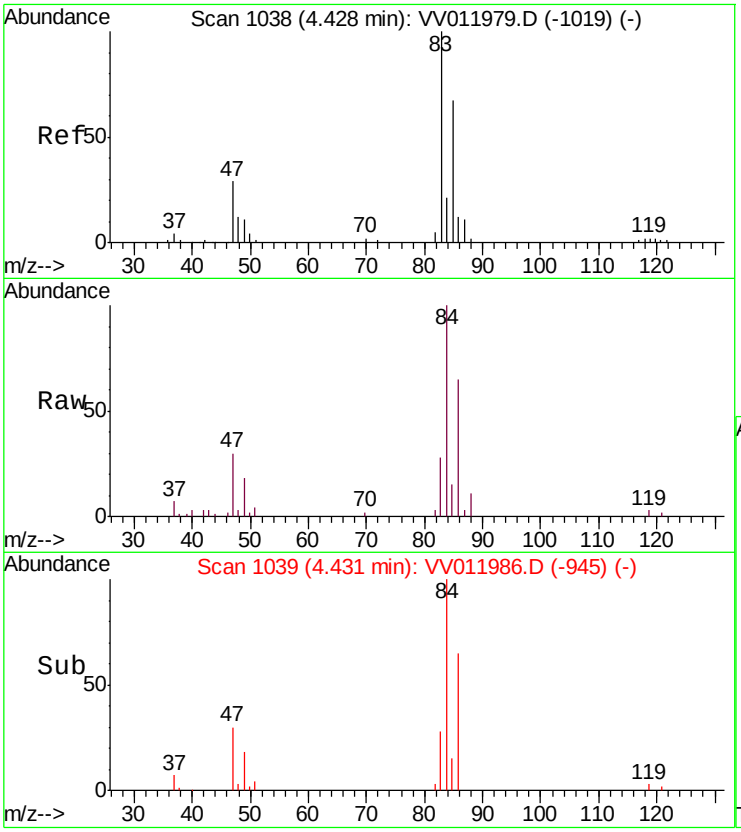


#22
cis-1,2-Dichloroethene
Concen: 0.105 ug/L
RT: 3.97 min Scan# 895
Delta R.T. 0.01 min
Lab File: VV011986.D
Acq: 24 Jul 2019 01:07

Tgt Ion: 96 Resp: 1158

Ion	Ratio	Lower	Upper
96	100		
61	115.0	89.0	165.2
68	0.0	0.0	0.0



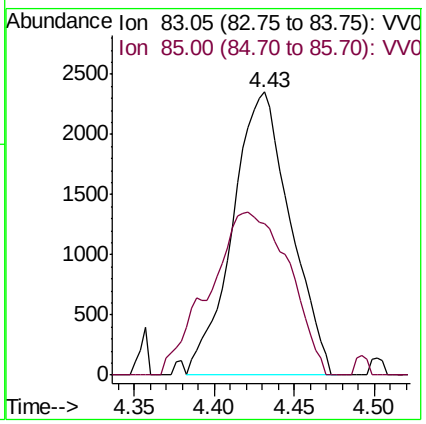


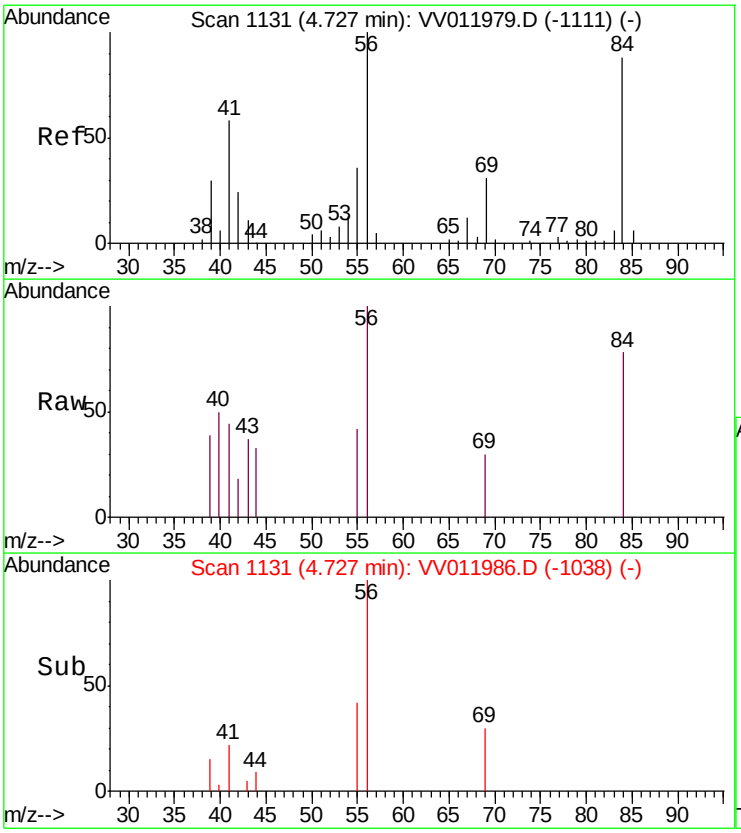
#25
Chloroform
Concen: 0.268 ug/L
RT: 4.43 min Scan# 1039
Delta R.T. 0.00 min
Lab File: VV011986.D
Acq: 24 Jul 2019 01:07

Instrument :
MSVOA_V
ClientSampleId :
F2A08

Tgt Ion: 83 Resp: 5849

Ion	Ratio	Lower	Upper
83	100		
85	53.5	46.5	86.3

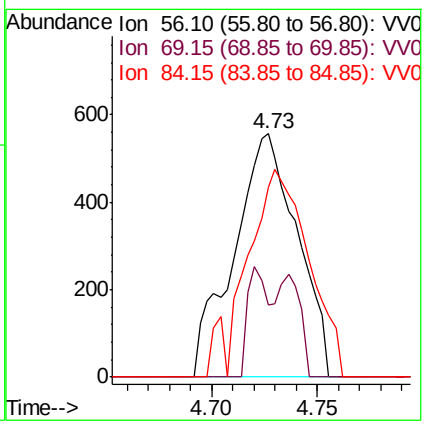


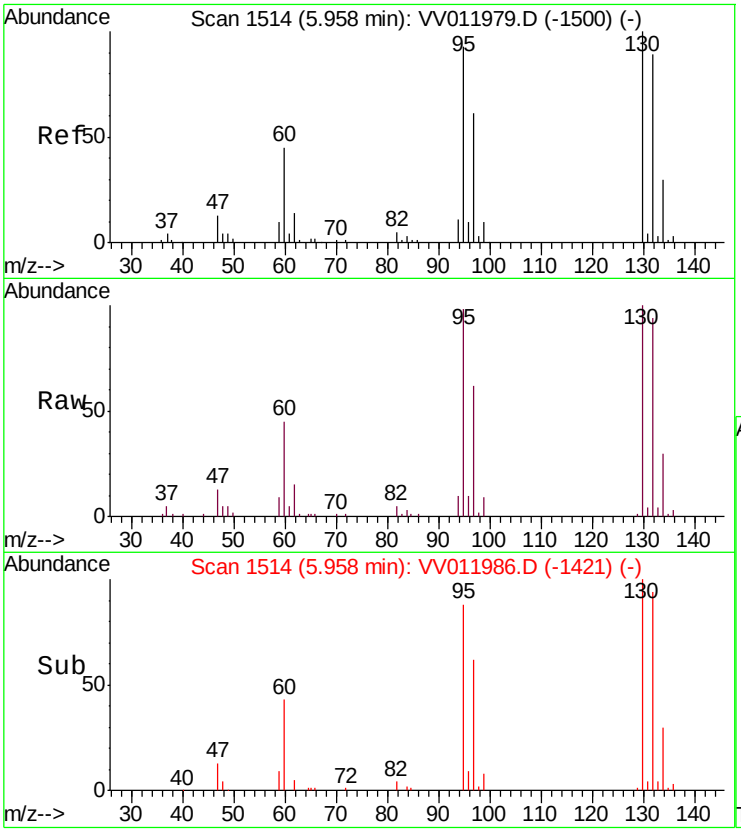


#30
Cyclohexane
Concen: 0.069 ug/L
RT: 4.73 min Scan# 1131
Delta R.T. -0.00 min
Lab File: VV011986.D
Acq: 24 Jul 2019 01:07

Tgt Ion: 56 Resp: 1166

Ion	Ratio	Lower	Upper
56	100		
69	13.4	25.4	38.2#
84	79.0	73.4	110.0



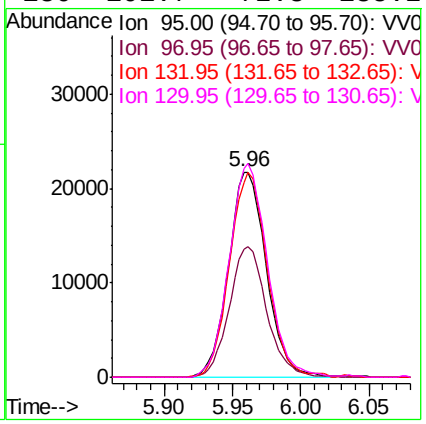


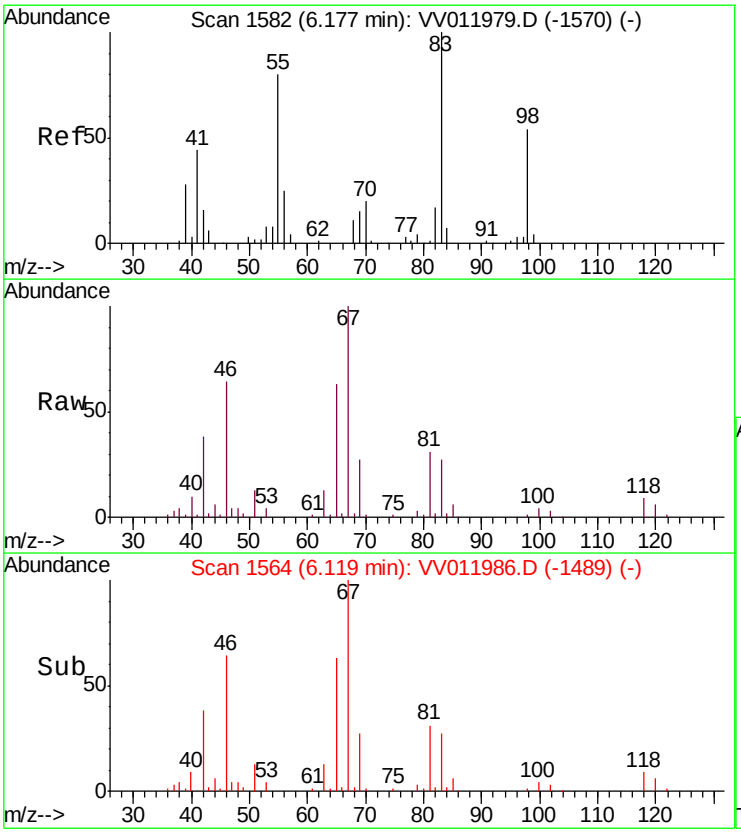
#34
Trichloroethene
Concen: 3.659 ug/L
RT: 5.96 min Scan# 1514
Delta R.T. -0.00 min
Lab File: VV011986.D
Acq: 24 Jul 2019 01:07

Instrument :
MSVOA_V
ClientSampleId :
F2A08

Tgt Ion: 95 Resp: 41945

Ion	Ratio	Lower	Upper
95	100		
97	62.6	45.6	84.6
132	95.1	71.3	132.3
130	101.7	72.8	135.2

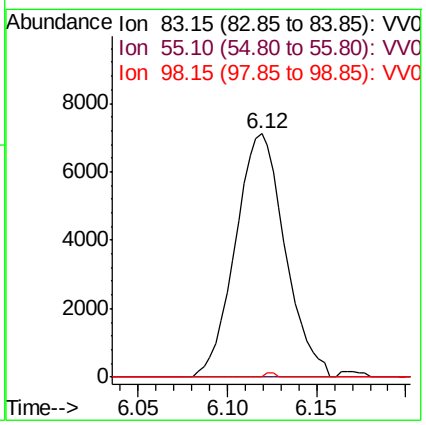


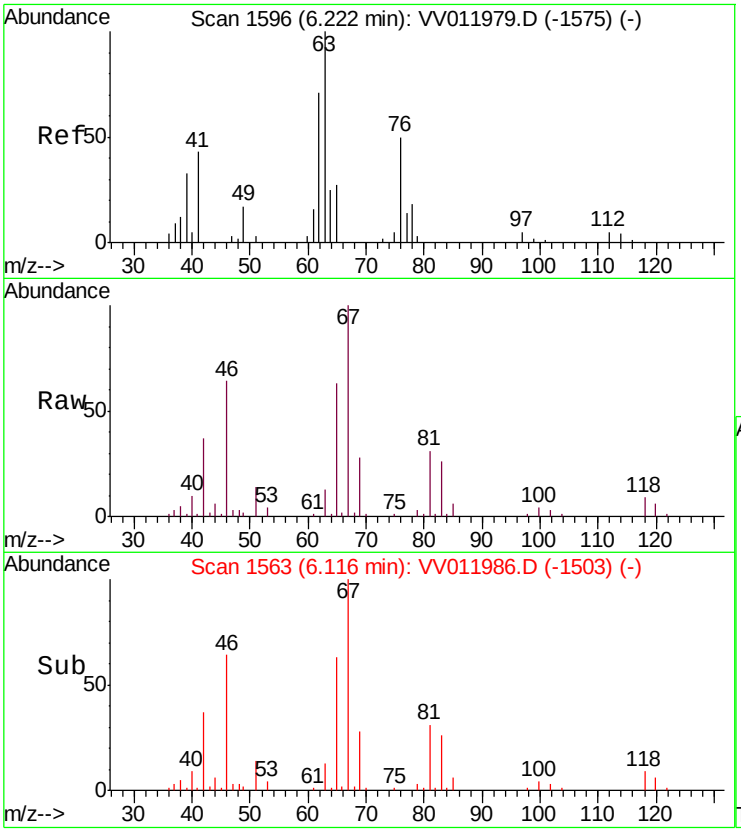


#35
Methylcyclohexane
Concen: 0.772 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.06 min
Lab File: VV011986.D
Acq: 24 Jul 2019 01:07

Tgt Ion: 83 Resp: 13766

Ion	Ratio	Lower	Upper
83	100		
55	0.0	63.0	94.4#
98	5.2	41.4	62.0#



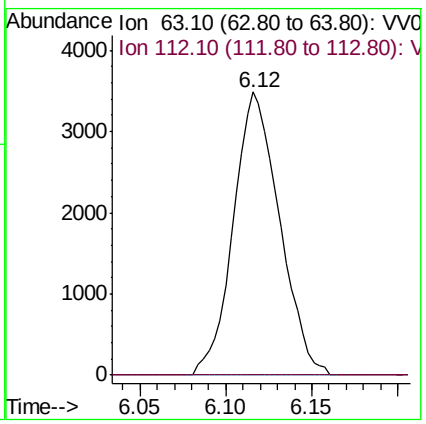


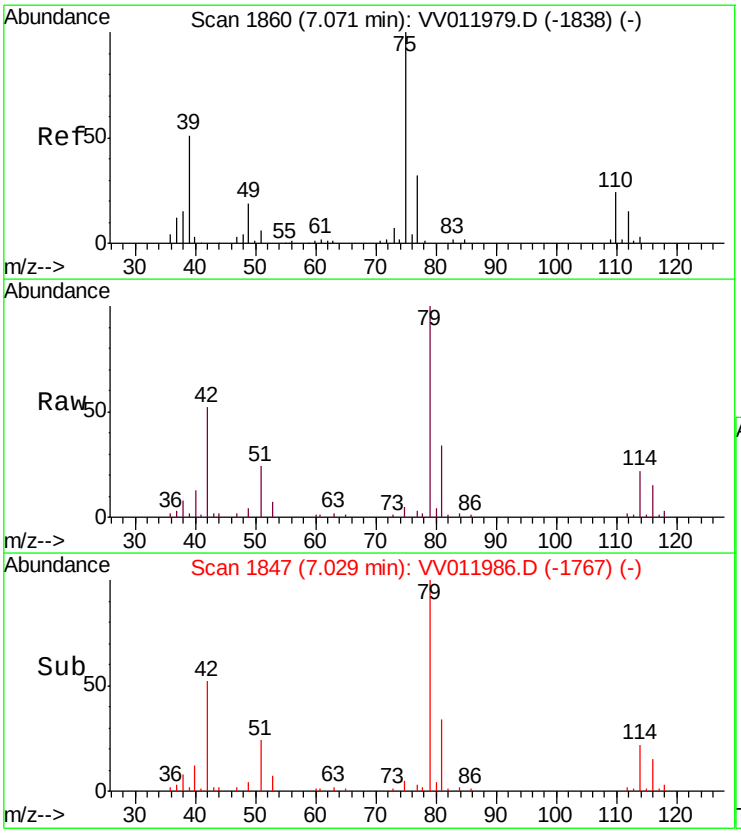
#37
1,2-Dichloropropane
Concen: 0.657 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.11 min
Lab File: VV011986.D
Acq: 24 Jul 2019 01:07

Instrument :
MSVOA_V
ClientSampleId :
F2A08

Tgt Ion: 63 Resp: 6517

Ion	Ratio	Lower	Upper
63	100		
112	0.0	4.2	6.4#

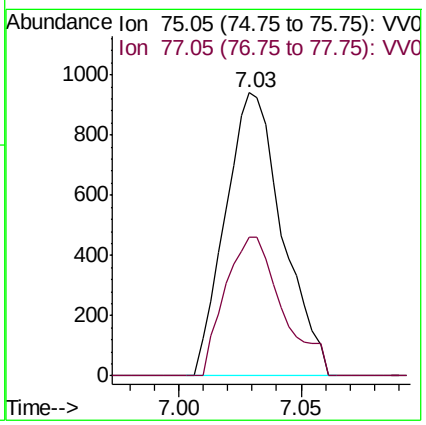


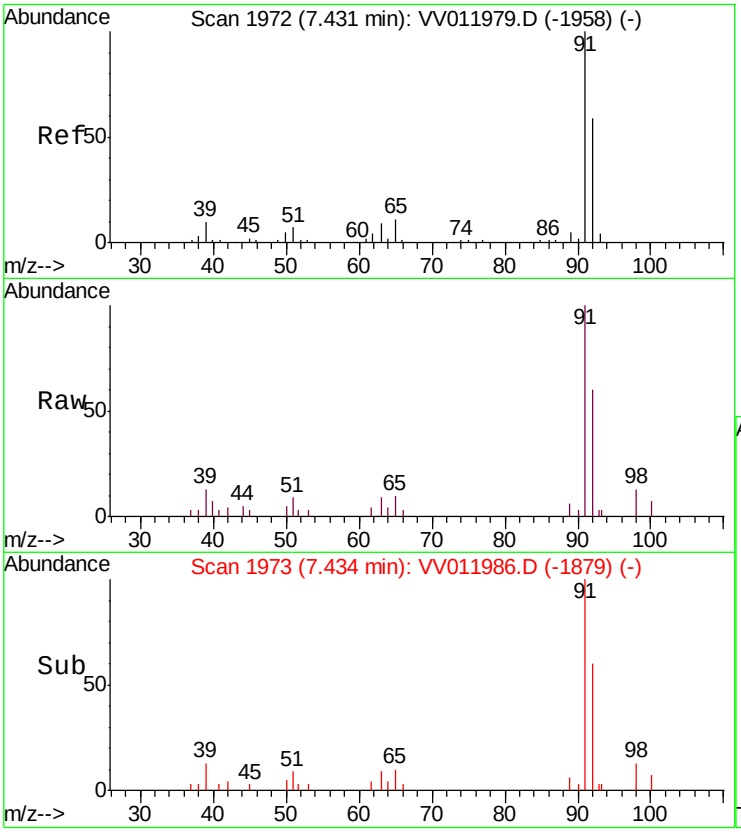


#39
cis-1,3-Dichloropropene
Concen: 0.104 ug/L
RT: 7.03 min Scan# 1847
Delta R.T. -0.04 min
Lab File: VV011986.D
Acq: 24 Jul 2019 01:07

Tgt Ion: 75 Resp: 1528

Ion	Ratio	Lower	Upper
75	100		
77	49.3	21.3	39.6#



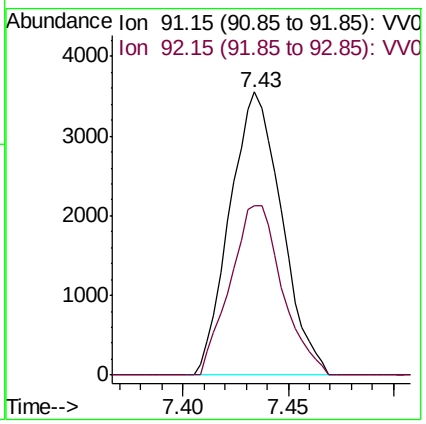


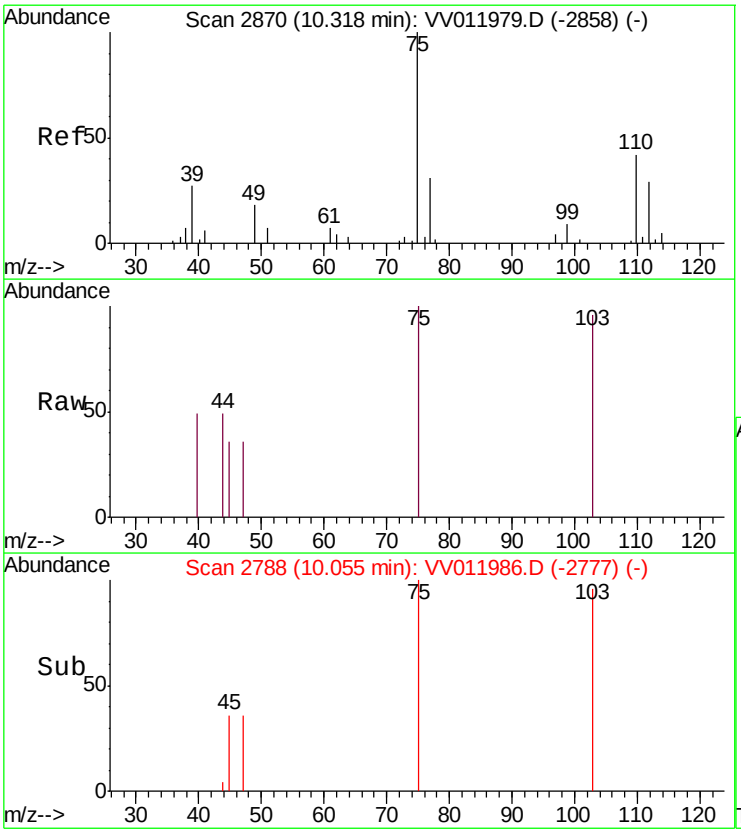
#42
Toluene
Concen: 0.137 ug/L
RT: 7.43 min Scan# 1973
Delta R.T. 0.00 min
Lab File: VV011986.D
Acq: 24 Jul 2019 01:07

Instrument :
MSVOA_V
ClientSampleId :
F2A08

Tgt Ion: 91 Resp: 6070

Ion	Ratio	Lower	Upper
91	100		
92	59.9	41.9	77.9





#59
1,2,3-Trichloropropane
Concen: 0.132 ug/L
RT: 10.05 min Scan# 2788
Delta R.T. -0.26 min
Lab File: VV011986.D
Acq: 24 Jul 2019 01:07

Tgt Ion: 75 Resp: 766

Ion	Ratio	Lower	Upper
75	100		
77	0.0	26.2	39.2#