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

Quantitation Report (Not Reviewed)

Data File : VV011983.D
Acq On : 23 Jul 2019 23:51
Operator : SY/MD
Sample : K3823-08DL 100X
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : A52K8DL

Quant Time: Jul 24 07:51:24 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	138052	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	133778	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	64023	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	35900	5.00	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 100.00%			
7) Chloroethane-d5	1.59	69	28048	4.97	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 99.40%			
11) 1,1-Dichloroethene-d2	2.13	63	56865	3.98	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 79.60%			
20) 2-Butanone-d5	3.95	46	114789	54.73	ug/L	0.01
Spiked Amount 50.000	Range 40 - 130		Recovery = 109.46%			
24) Chloroform-d	4.40	84	93210	4.95	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 99.00%			
26) 1,2-Dichloroethane-d4	5.08	65	54064	5.63	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 112.60%			
32) Benzene-d6	5.10	84	194369	5.21	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 104.20%			
36) 1,2-Dichloropropane-d6	6.12	67	55898	5.24	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 104.80%			
41) Toluene-d8	7.36	98	172692	4.99	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 99.80%			
43) trans-1,3-Dichloropropene-	7.66	79	20973	4.84	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 96.80%			
46) 2-Hexanone-d5	8.13	63	89792	51.60	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 103.20%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	38710	5.10	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 102.00%			
64) 1,2-Dichlorobenzene-d4	11.67	152	68620	5.57	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 111.40%			
Target Compounds						Qvalue
5) Vinyl chloride	1.32	62	1574	0.186	ug/L #	59
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	613	0.087	ug/L #	20
12) 1,1-Dichloroethene	2.14	96	1157	0.184	ug/L #	1
22) cis-1,2-Dichloroethene	3.96	96	163198	15.520	ug/L	99
25) Chloroform	4.43	83	10169	0.487	ug/L	100
35) Methylcyclohexane	6.12	83	15379	0.904	ug/L #	17
44) trans-1,3-Dichloropropene	7.66	75	1043	0.094	ug/L	99

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

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Quantitation Report (Not Reviewed)

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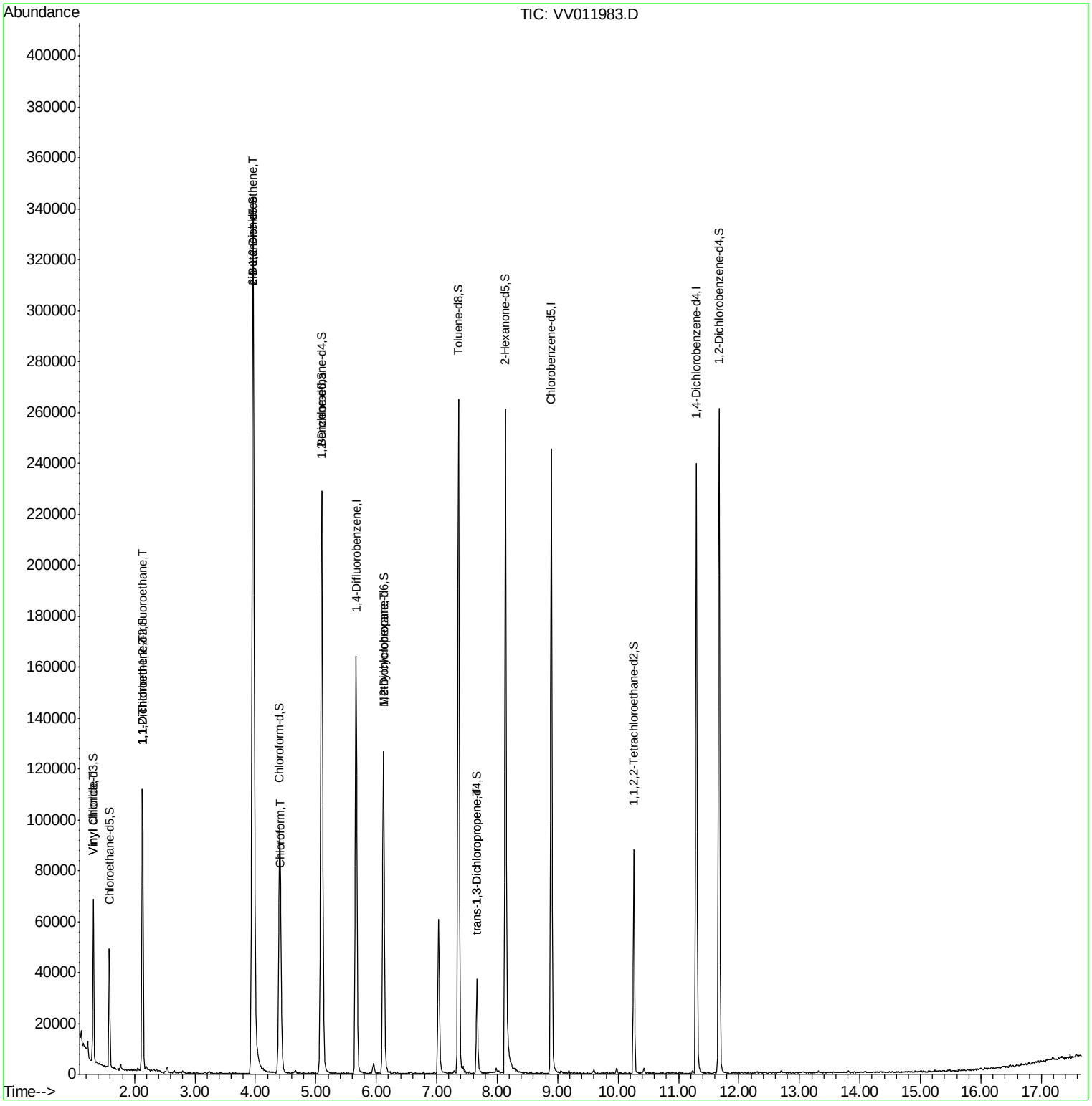
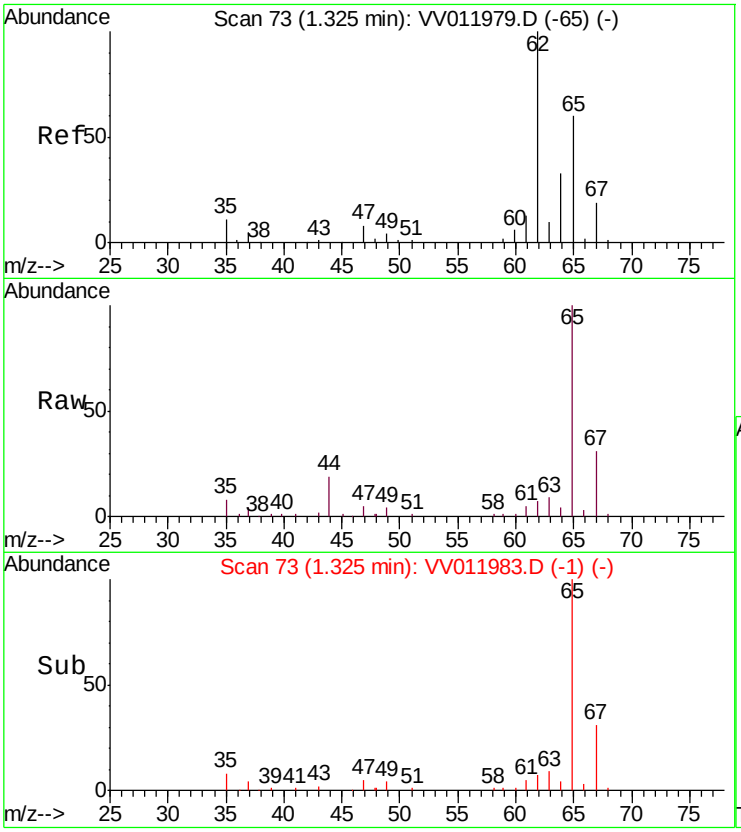
Instrument : MSVOA_V
ClientSampleId : A52K8DL

Quant Time: Jul 24 07:51:24 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



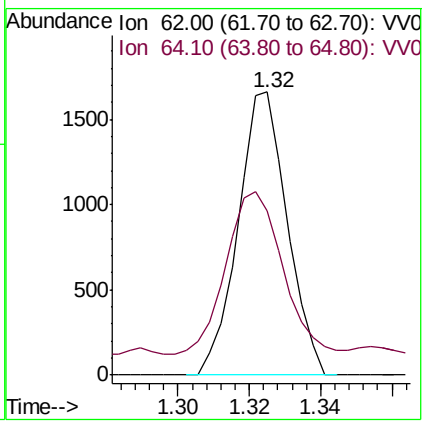


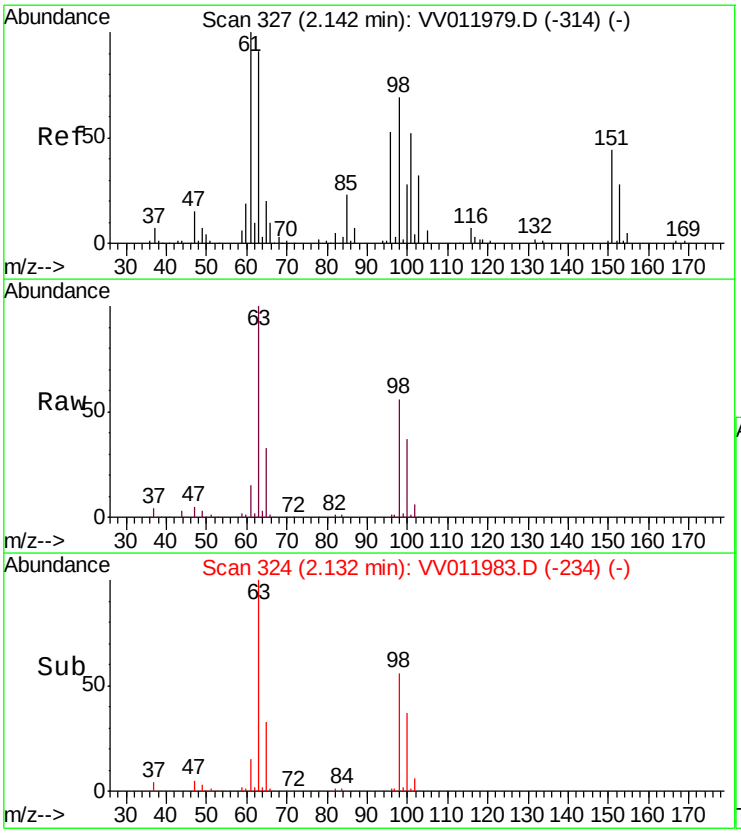
#5
Vinyl chloride
Concen: 0.186 ug/L
RT: 1.32 min Scan# 73
Delta R.T. -0.00 min
Lab File: VV011983.D
Acq: 23 Jul 2019 23:51

Instrument :
MSVOA_V
ClientSampleId :
A52K8DL

Tgt Ion: 62 Resp: 1574

Ion	Ratio	Lower	Upper
62	100		
64	58.2	24.3	45.1#

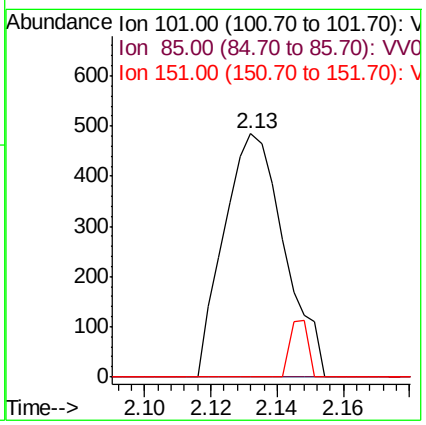


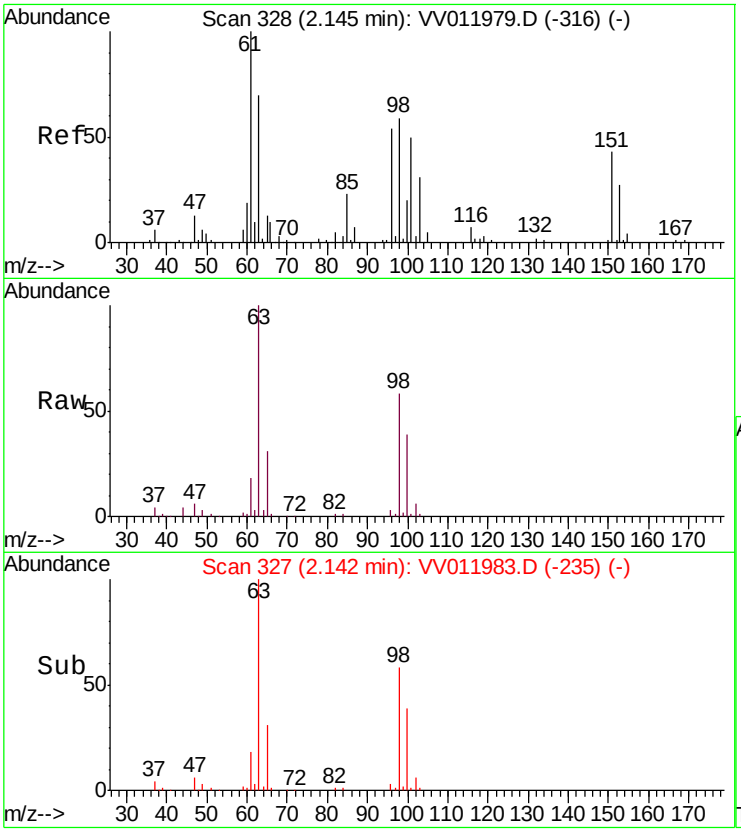


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.087 ug/L
RT: 2.13 min Scan# 324
Delta R.T. -0.01 min
Lab File: VV011983.D
Acq: 23 Jul 2019 23:51

Tgt Ion:101 Resp: 613

Ion	Ratio	Lower	Upper
101	100		
85	0.0	37.0	55.6#
151	7.0	68.3	102.5#



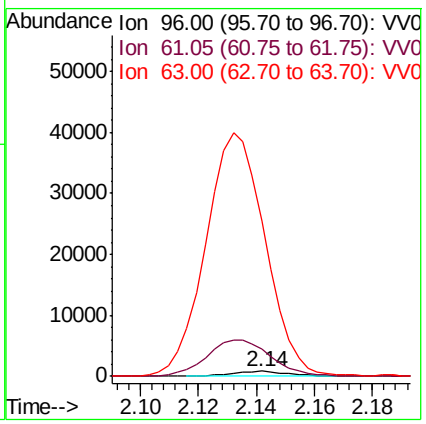


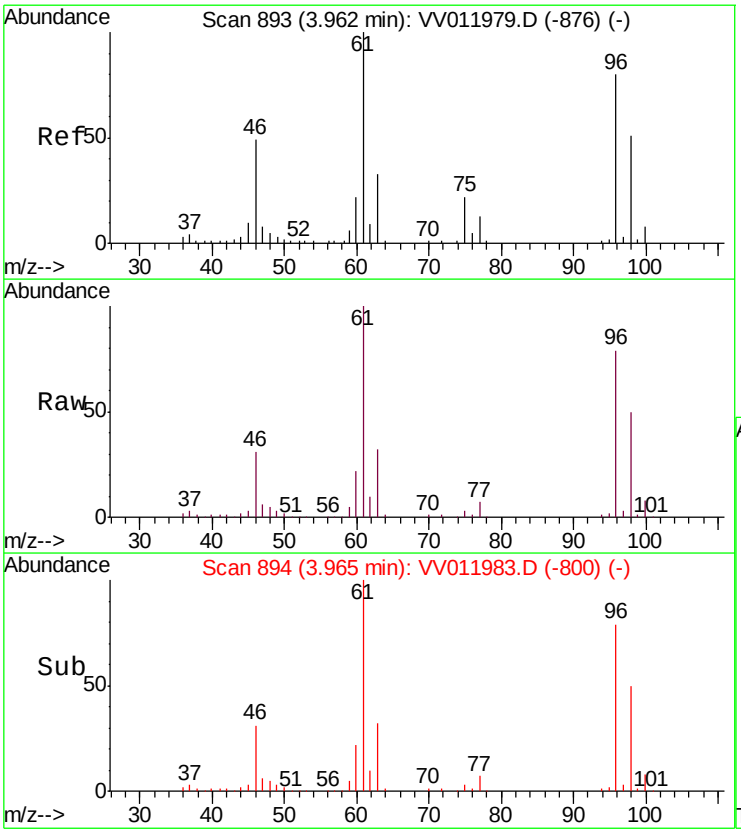
#12
1,1-Dichloroethene
Concen: 0.184 ug/L
RT: 2.14 min Scan# 327
Delta R.T. -0.00 min
Lab File: VV011983.D
Acq: 23 Jul 2019 23:51

Instrument :
MSVOA_V
ClientSampleId :
A52K8DL

Tgt Ion: 96 Resp: 1157

Ion	Ratio	Lower	Upper
96	100		
61	534.9	132.7	246.5#
63	3014.7	104.0	193.1#

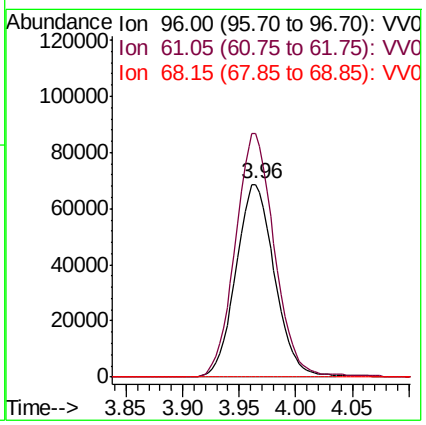


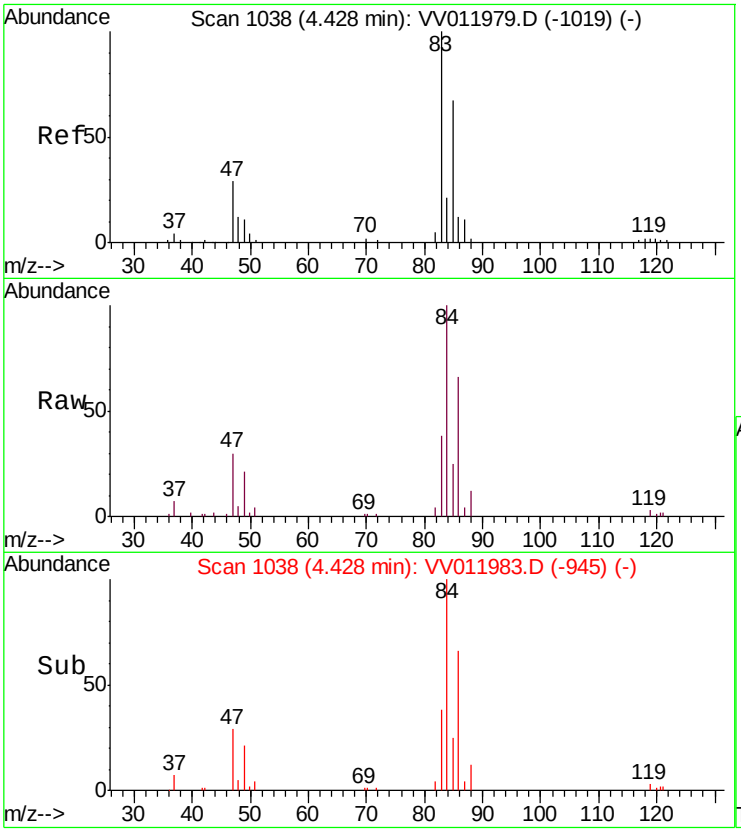


#22
cis-1,2-Dichloroethene
Concen: 15.520 ug/L
RT: 3.96 min Scan# 894
Delta R.T. 0.00 min
Lab File: VV011983.D
Acq: 23 Jul 2019 23:51

Tgt Ion: 96 Resp: 163198

Ion	Ratio	Lower	Upper
96	100		
61	126.4	89.0	165.2
68	0.0	0.0	0.0



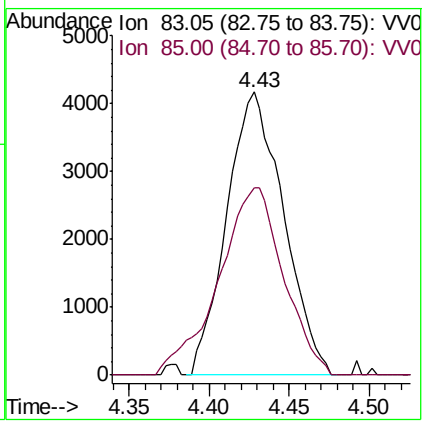


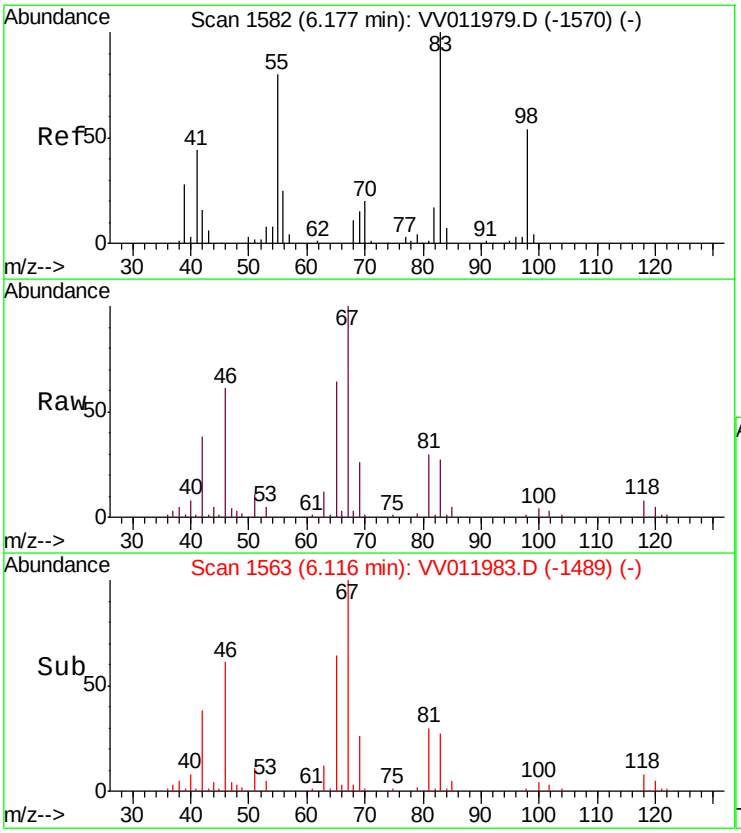
#25
Chloroform
Concen: 0.487 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. -0.00 min
Lab File: VV011983.D
Acq: 23 Jul 2019 23:51

Instrument :
MSVOA_V
ClientSampleId :
A52K8DL

Tgt Ion: 83 Resp: 10169

Ion	Ratio	Lower	Upper
83	100		
85	66.2	46.5	86.3

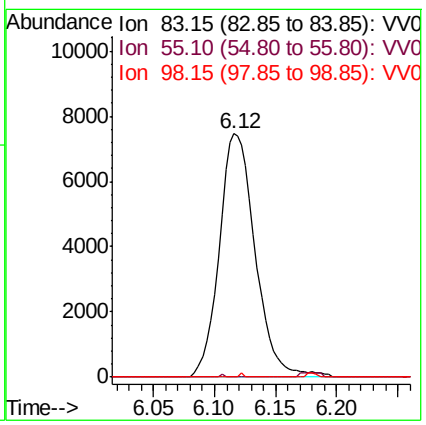


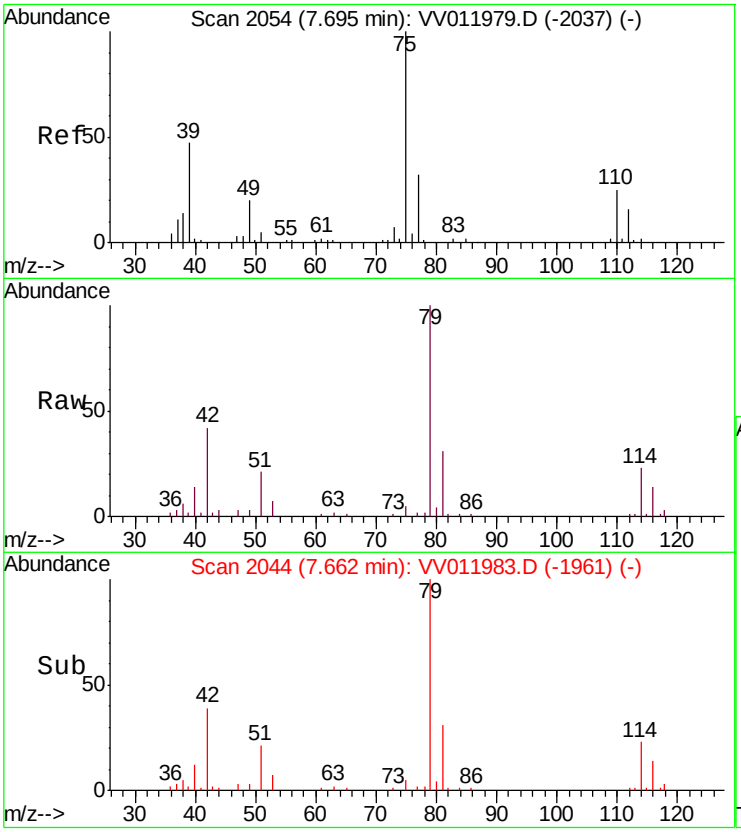


#35
Methylcyclohexane
Concen: 0.904 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.06 min
Lab File: VV011983.D
Acq: 23 Jul 2019 23:51

Tgt Ion: 83 Resp: 15379

Ion	Ratio	Lower	Upper
83	100		
55	0.1	63.0	94.4#
98	0.1	41.4	62.0#





#44
trans-1,3-Dichloropropene
Concen: 0.094 ug/L
RT: 7.66 min Scan# 2044
Delta R.T. -0.03 min
Lab File: VV011983.D
Acq: 23 Jul 2019 23:51

Instrument :
MSVOA_V
ClientSampleId :
A52K8DL

Tgt Ion: 75 Resp: 1043

Ion	Ratio	Lower	Upper
75	100		
77	31.8	22.0	40.8