Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060519\

Quantitation Report (Not Reviewed)

Data File : VV011230.D
Acq On : 05 Jun 2019 15:30
Operator : SY/MD
Sample : K3197-02
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9P40

Quant Time: Jun 06 05:47:33 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Jun 06 05:43:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	165934	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	153216	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	68654	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.31	65	63497	5.05	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 101.00%			
7) Chloroethane-d5	1.58	69	46911	4.49	ug/L	0.02
Spiked Amount 5.000	Range 65 - 130		Recovery = 89.80%			
11) 1,1-Dichloroethene-d2	2.12	63	98543	3.92	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 78.40%			
20) 2-Butanone-d5	3.98	46	119984	42.39	ug/L	0.04
Spiked Amount 50.000	Range 40 - 130		Recovery = 84.78%			
24) Chloroform-d	4.40	84	102911	4.65	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 93.00%			
26) 1,2-Dichloroethane-d4	5.08	65	57989	4.85	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 97.00%			
32) Benzene-d6	5.09	84	226347	4.94	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 98.80%			
36) 1,2-Dichloropropane-d6	6.12	67	69175	4.90	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 98.00%			
41) Toluene-d8	7.36	98	209099	4.97	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 99.40%			
43) trans-1,3-Dichloropropene-	7.67	79	23743	4.41	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 88.20%			
46) 2-Hexanone-d5	8.14	63	105539	46.42	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 92.84%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	44164	4.59	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 91.80%			
64) 1,2-Dichlorobenzene-d4	11.67	152	66440	4.90	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 98.00%			

Target Compounds						Qvalue
8) Chloroethane	1.64	64	2715	0.278	ug/L #	59
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1122	0.104	ug/L #	22
12) 1,1-Dichloroethene	2.12	96	1168	0.112	ug/L #	1
13) Acetone	2.23	43	5497	2.896	ug/L	99
14) Carbon disulfide	2.31	76	103987	3.279	ug/L	99
25) Chloroform	4.42	83	6115	0.256	ug/L	95
34) Trichloroethene	6.08	95	1541	0.122	ug/L #	12
35) Methylcyclohexane	6.12	83	16036	0.770	ug/L #	17
37) 1,2-Dichloropropane	6.12	63	8296	0.684	ug/L #	86
39) cis-1,3-Dichloropropene	7.03	75	2082	0.117	ug/L #	43

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

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Quantitation Report (Not Reviewed)

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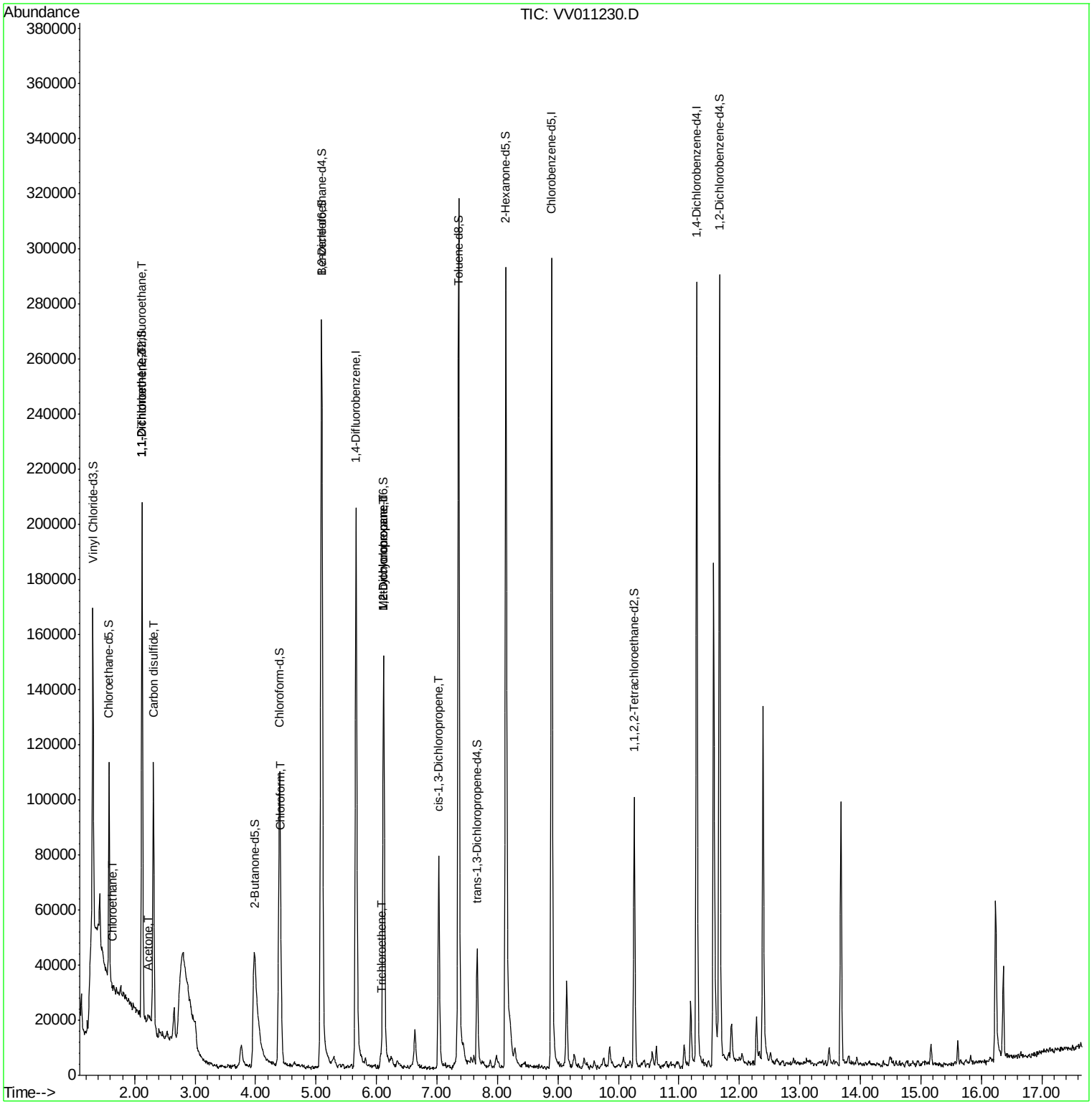
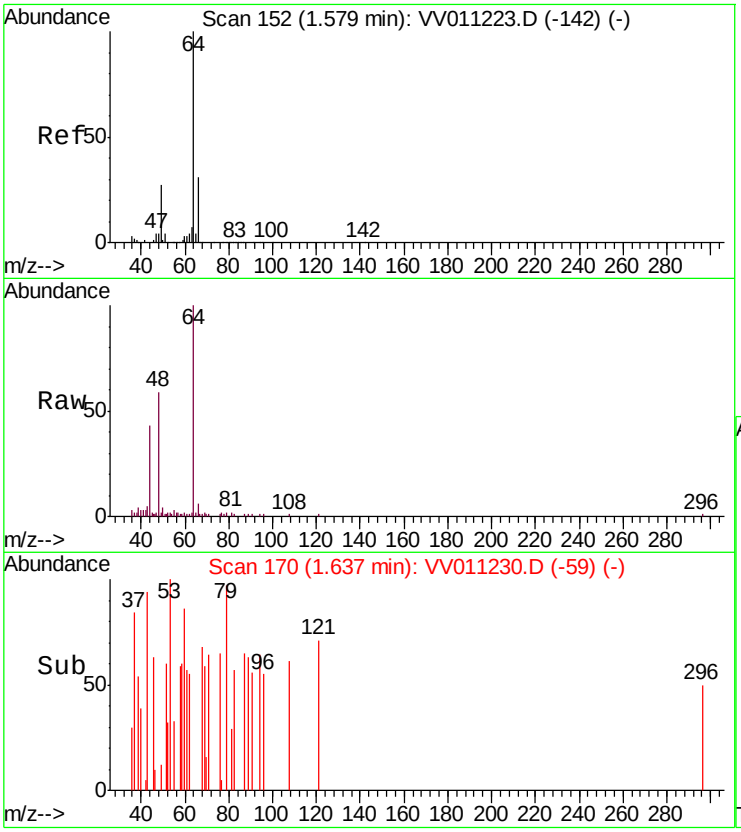
ClientSampleId :
F9P40

Quant Time: Jun 06 05:47:33 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Jun 06 05:43:55 2019
Response via : Initial Calibration



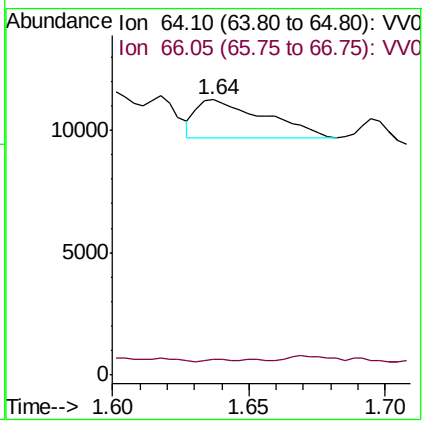


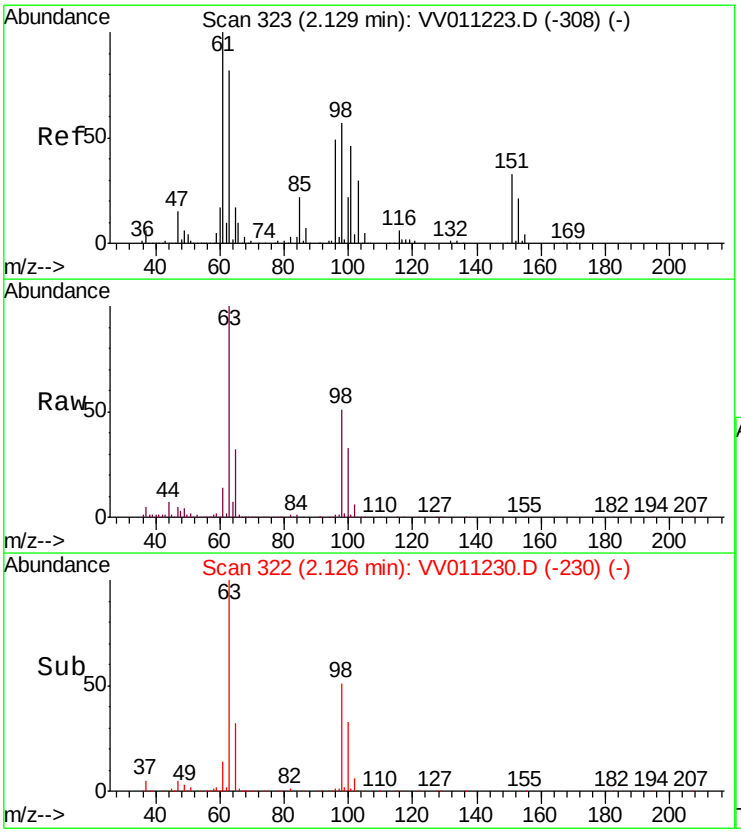
#8
Chloroethane
Concen: 0.278 ug/L
RT: 1.64 min Scan# 170
Delta R.T. 0.06 min
Lab File: VV011230.D
Acq: 05 Jun 2019 15:30

Instrument : MSVOA_V
ClientSampleId : F9P40

Tgt Ion: 64 Resp: 2715

Ion	Ratio	Lower	Upper
64	100		
66	6.0	19.4	36.0#

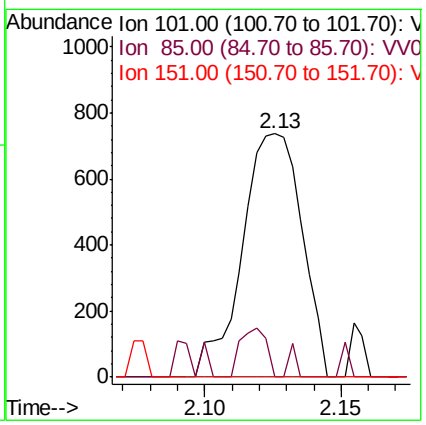


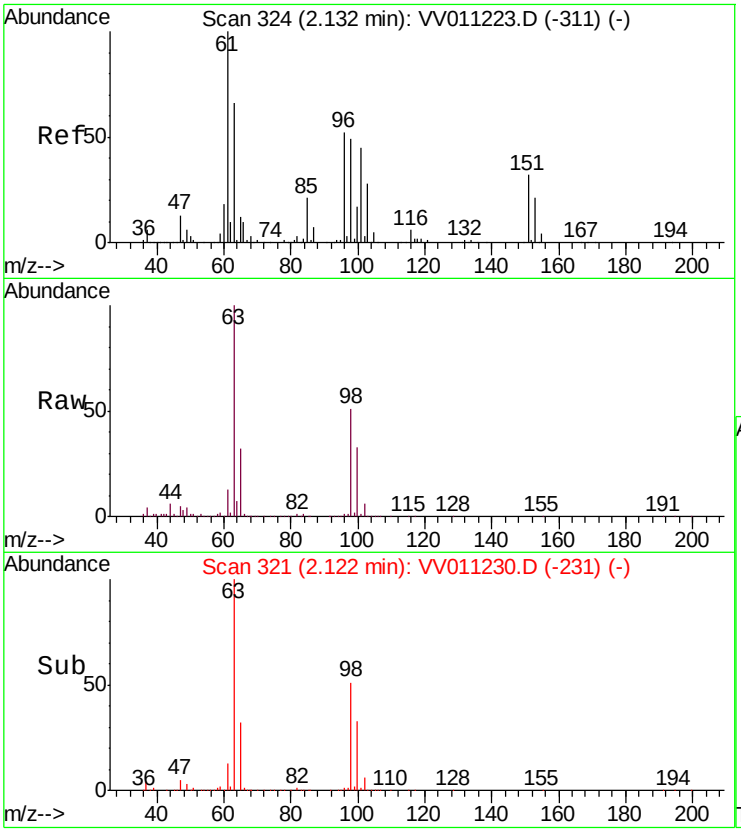


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.104 ug/L
RT: 2.13 min Scan# 322
Delta R.T. -0.00 min
Lab File: VV011230.D
Acq: 05 Jun 2019 15:30

Tgt Ion:101 Resp: 1122

Ion	Ratio	Lower	Upper
101	100		
85	1.8	35.5	53.3#
151	0.0	56.9	85.3#



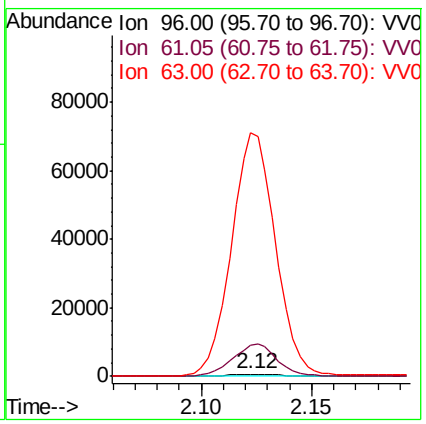


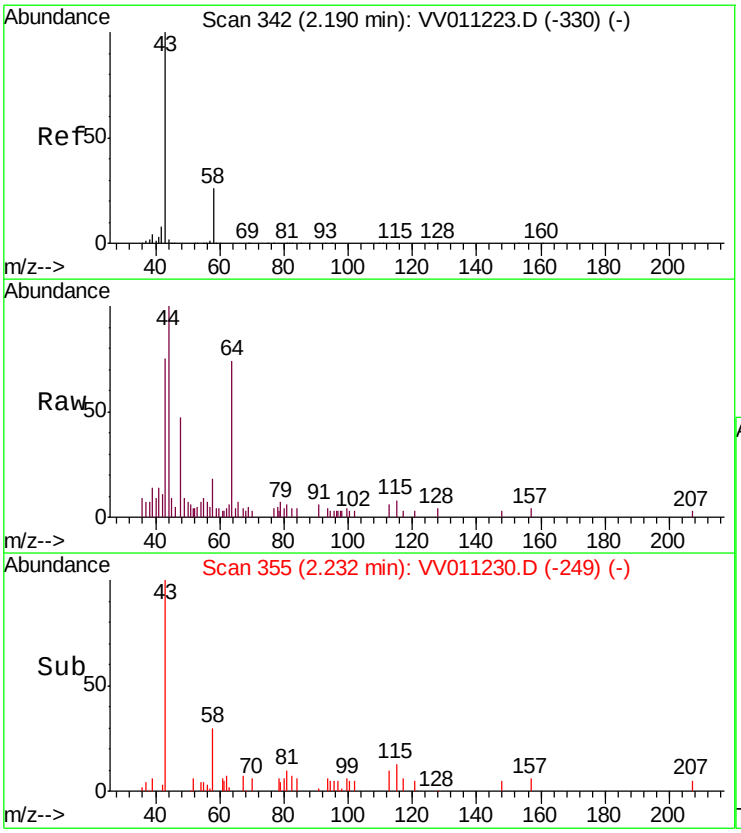
#12
1,1-Dichloroethene
Concen: 0.112 ug/L
RT: 2.12 min Scan# 321
Delta R.T. -0.01 min
Lab File: VV011230.D
Acq: 05 Jun 2019 15:30

Instrument :
MSVOA_V
ClientSampleId :
F9P40

Tgt Ion: 96 Resp: 1168

Ion	Ratio	Lower	Upper
96	100		
61	1372.3	139.8	259.6#
63	10795.1	94.3	175.1#

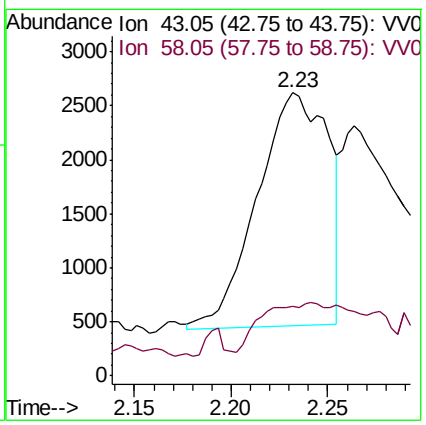


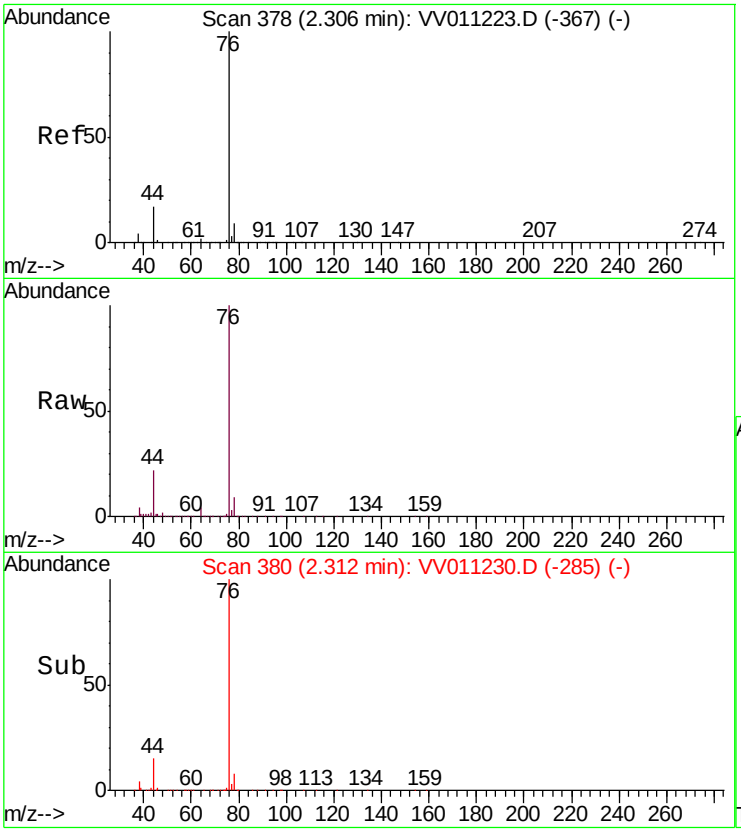


#13
Acetone
Concen: 2.896 ug/L
RT: 2.23 min Scan# 355
Delta R.T. 0.04 min
Lab File: VV011230.D
Acq: 05 Jun 2019 15:30

Tgt Ion: 43 Resp: 5497

Ion	Ratio	Lower	Upper
43	100		
58	27.2	0.0	55.2



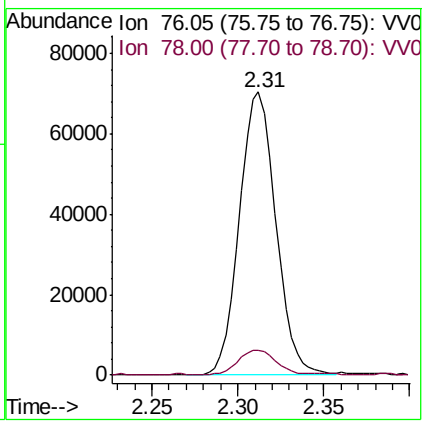


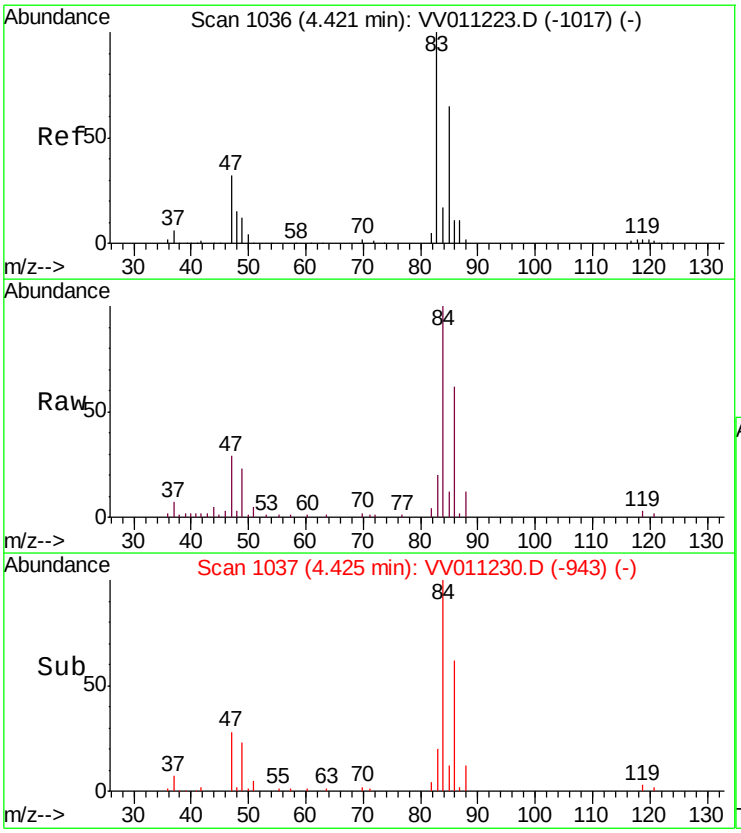
#14
Carbon disulfide
Concen: 3.279 ug/L
RT: 2.31 min Scan# 380
Delta R.T. 0.01 min
Lab File: VV011230.D
Acq: 05 Jun 2019 15:30

Instrument : MSVOA_V
ClientSampleId : F9P40

Tgt Ion: 76 Resp: 103987

Ion	Ratio	Lower	Upper
76	100		
78	8.8	7.3	10.9

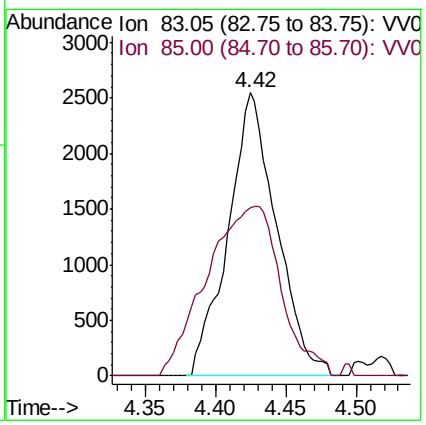


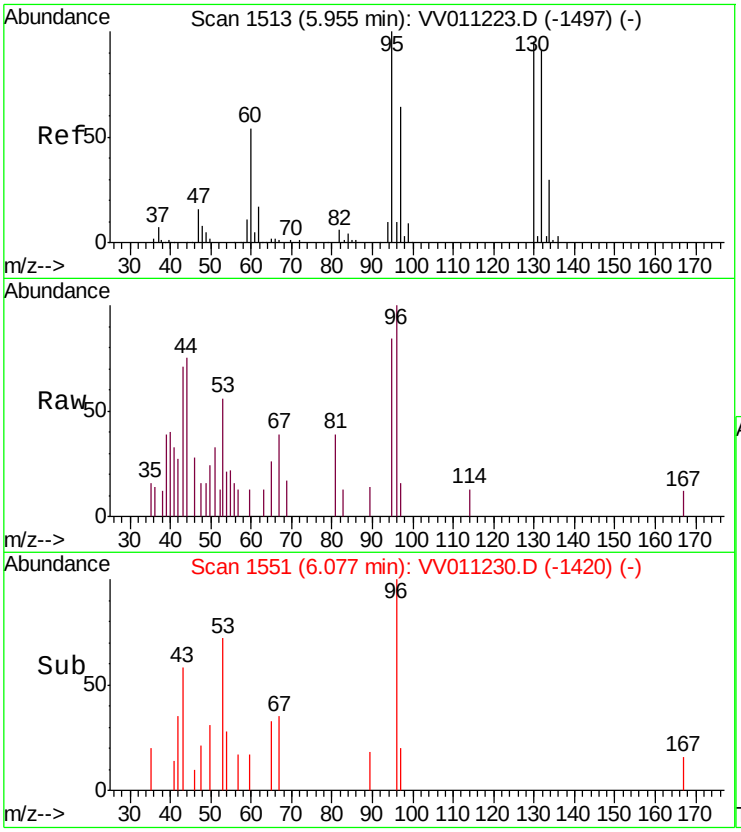


#25
Chloroform
Concen: 0.256 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. 0.00 min
Lab File: VV011230.D
Acq: 05 Jun 2019 15:30

Tgt Ion: 83 Resp: 6115

Ion	Ratio	Lower	Upper
83	100		
85	59.4	44.1	81.9



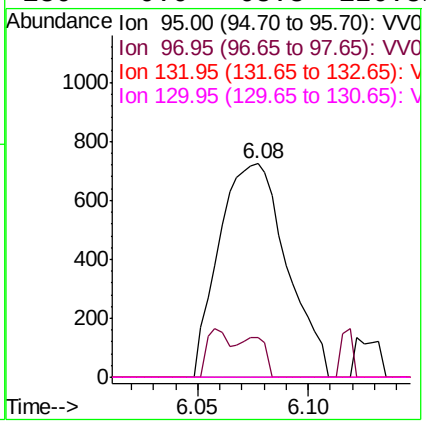


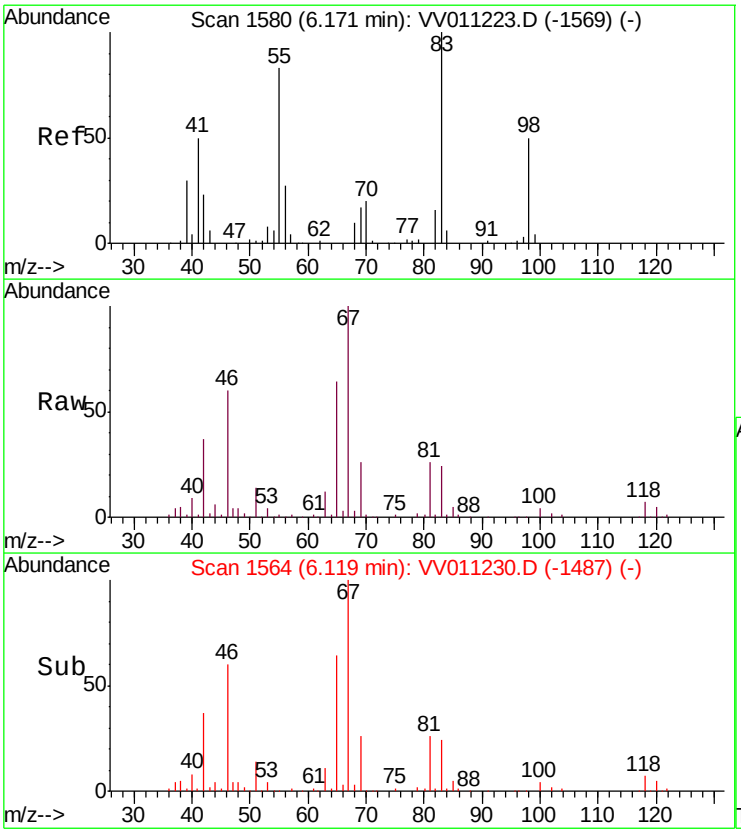
#34
Trichloroethene
Concen: 0.122 ug/L
RT: 6.08 min Scan# 1551
Delta R.T. 0.12 min
Lab File: VV011230.D
Acq: 05 Jun 2019 15:30

Instrument : MSVOA_V
ClientSampleId : F9P40

Tgt Ion: 95 Resp: 1541

Ion	Ratio	Lower	Upper
95	100		
97	18.5	45.8	85.2#
132	0.0	66.4	123.2#
130	0.0	68.3	126.8#

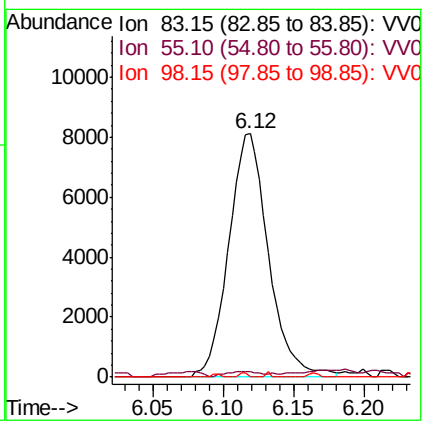


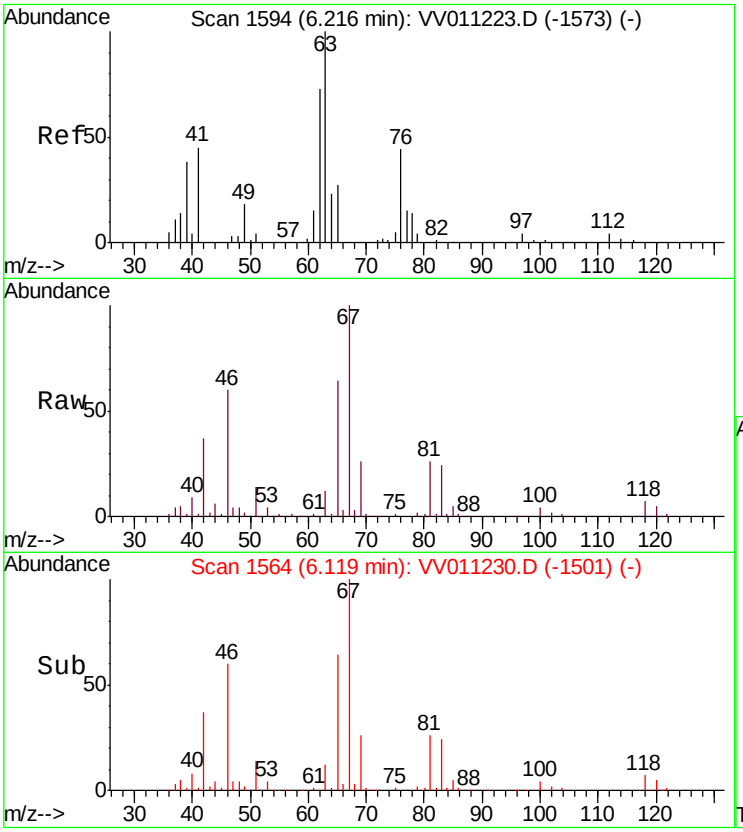


#35
Methylcyclohexane
Concen: 0.770 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.05 min
Lab File: VV011230.D
Acq: 05 Jun 2019 15:30

Tgt Ion: 83 Resp: 16036

Ion	Ratio	Lower	Upper
83	100		
55	2.2	67.0	100.6#
98	0.4	40.0	60.0#



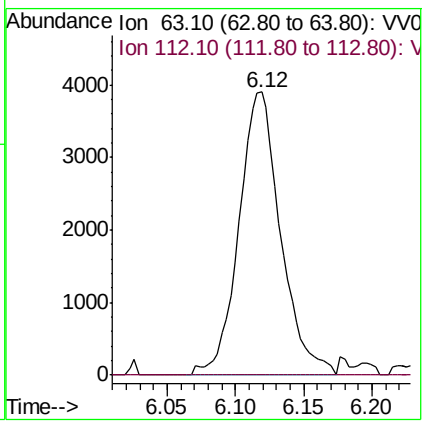


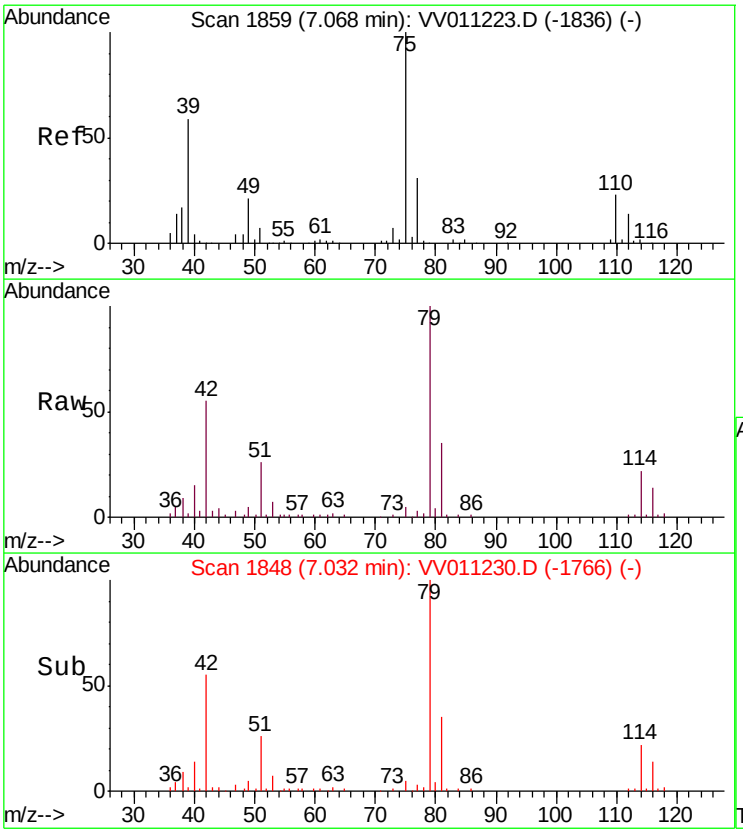
#37
1,2-Dichloropropane
Concen: 0.684 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.10 min
Lab File: VV011230.D
Acq: 05 Jun 2019 15:30

Instrument : MSVOA_V
ClientSampleId : F9P40

Tgt Ion: 63 Resp: 8296

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.6	5.4#





#39
cis-1,3-Dichloropropene
Concen: 0.117 ug/L
RT: 7.03 min Scan# 1848
Delta R.T. -0.04 min
Lab File: VV011230.D
Acq: 05 Jun 2019 15:30

Tgt Ion: 75 Resp: 2082

Ion	Ratio	Lower	Upper
75	100		
77	63.3	22.2	41.2#