

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV121620\
 Data File : VV019679.D
 Acq On : 16 Dec 2020 17:00
 Operator : SY/MD
 Sample : L5062-11
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0B22

Quant Time: Dec 17 01:31:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Dec 17 00:30:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.62	114	587178	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	550813	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.25	152	249627	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	211457	50.22	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	100.44%
7) Chloroethane-d5	1.57	69	170876	51.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	102.92%
11) 1,1-Dichloroethene-d2	2.11	63	298089	38.14	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.28%
21) 2-Butanone-d5	3.90	46	306255	133.82	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	133.82%#
24) Chloroform-d	4.35	84	374068	49.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.58%
26) 1,2-Dichloroethane-d4	5.04	65	264212	53.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.56%
32) Benzene-d6	5.05	84	765250	52.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.18%
36) 1,2-Dichloropropane-d6	6.07	67	243755	52.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.94%
41) Toluene-d8	7.32	98	654842	49.51	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.02%
43) trans-1,3-Dichloropropene-	7.62	79	109984	42.02	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.04%
47) 2-Hexanone-d5	8.09	63	205449	113.75	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	113.75%
57) 1,1,1,2,2-Tetrachloroethane-	10.22	84	302957	48.67	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.34%
64) 1,2-Dichlorobenzene-d4	11.63	152	237549	50.91	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.82%

Target Compounds

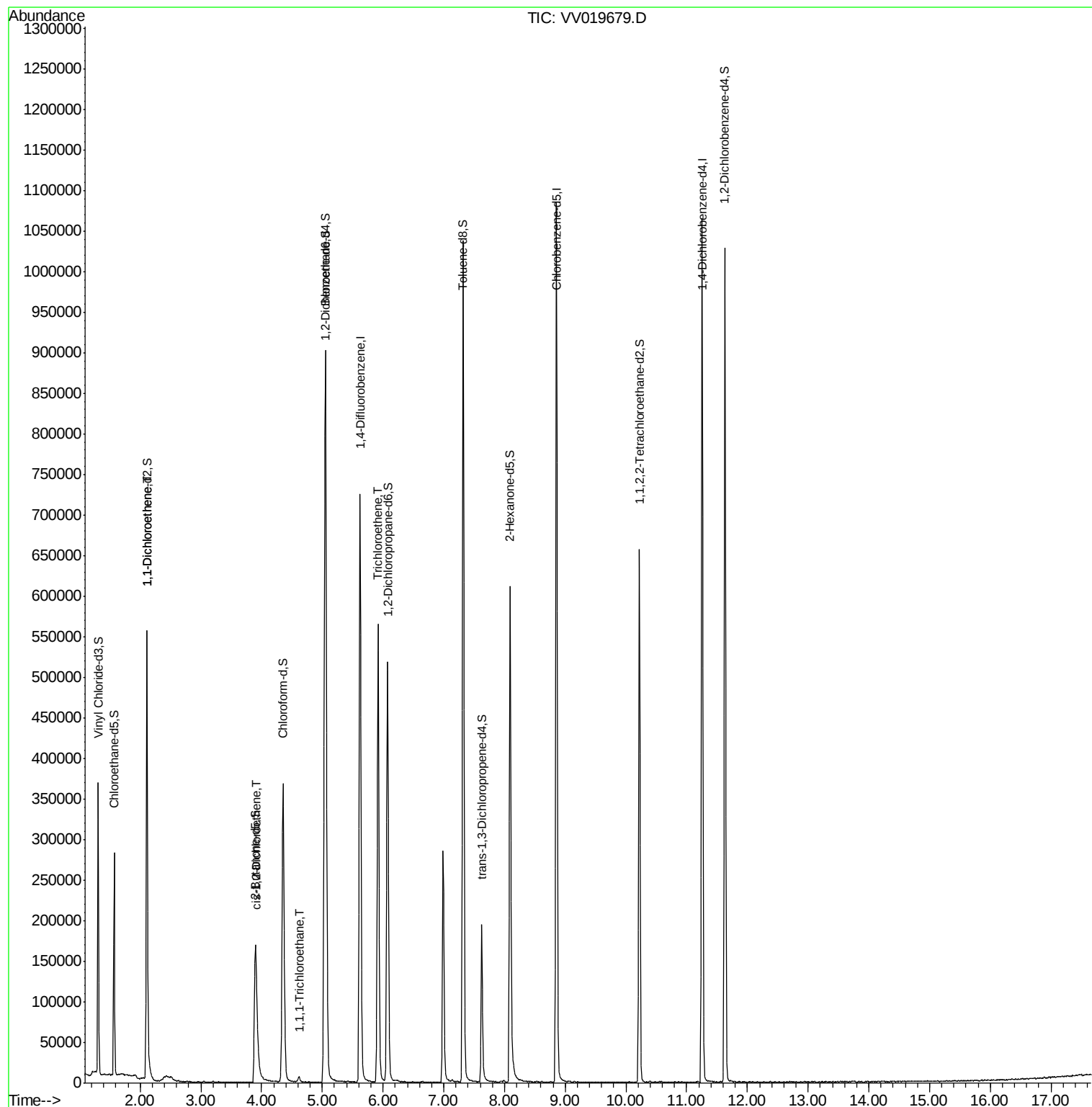
					Ovalue
12) 1,1-Dichloroethene	2.12	96	13539	3.870 ug/L #	1
20) cis-1,2-Dichloroethene	3.92	96	11789	2.797 ug/L #	95
30) 1,1,1-Trichloroethane	4.62	97	5068	0.734 ug/L	95
34) Trichloroethene	5.92	95	199168	46.836 ug/L	98

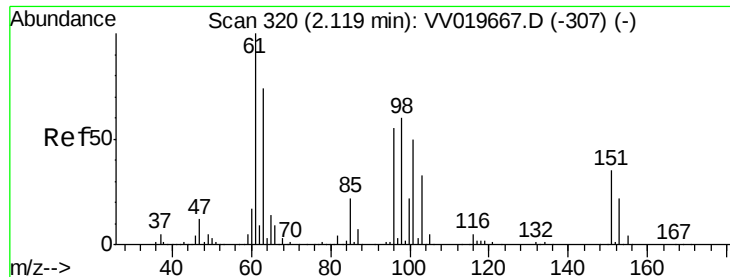
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 3.870 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.00 min

Lab File: VV019679.D

Acq: 16 Dec 2020 17:00

Instrument :

MSVOA_V

ClientSampleId :

C0B22

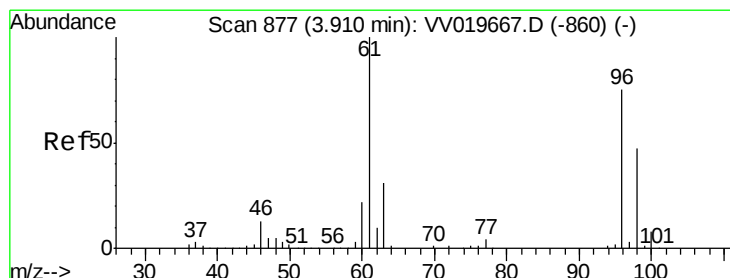
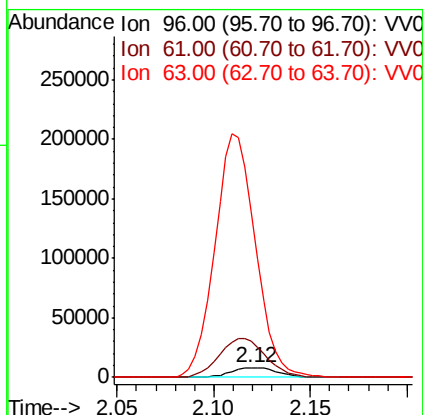
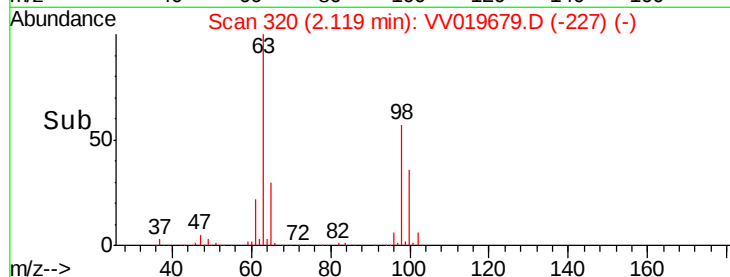
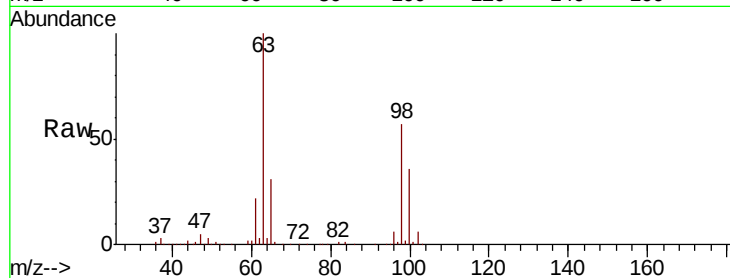
Tot Ion: 96 Resp: 13539

Ion Ratio Lower Upper

96 100

61 357.9 120.7 224.1#

63 1664.6 64.3 119.5#



#20

cis-1,2-Dichloroethene

Concen: 2.797 ug/L

RT: 3.92 min Scan# 879

Delta R.T. 0.01 min

Lab File: VV019679.D

Acq: 16 Dec 2020 17:00

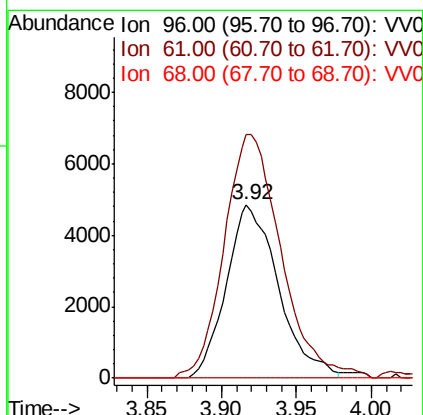
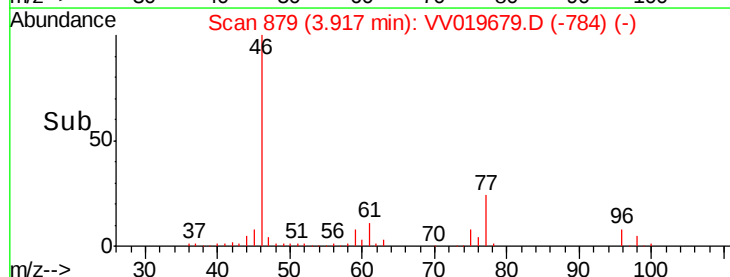
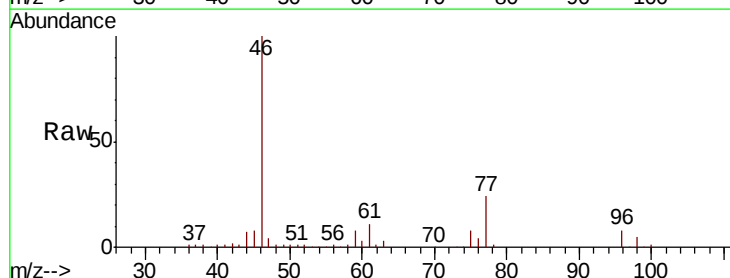
Tgt Ion: 96 Resp: 11789

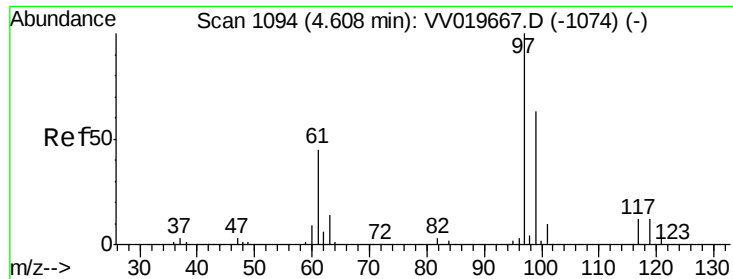
Ion Ratio Lower Upper

96 100

61 140.2 94.1 174.8

68 0.0 0.1 0.1#

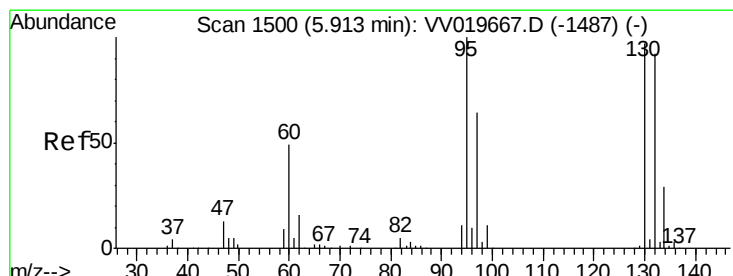
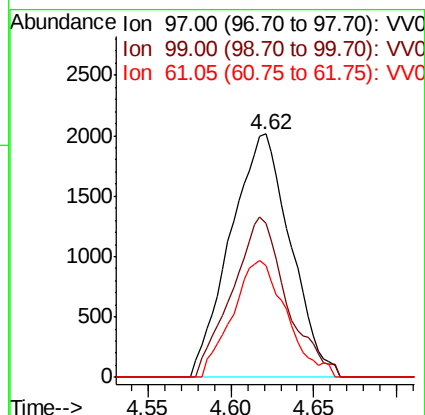
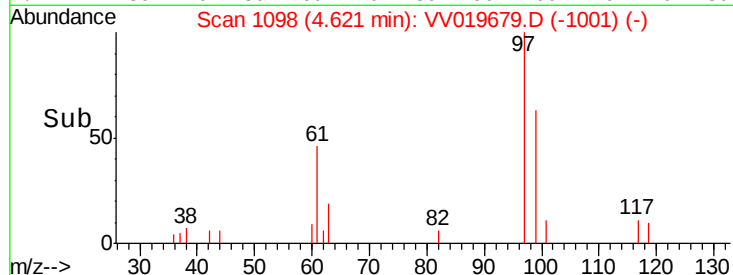
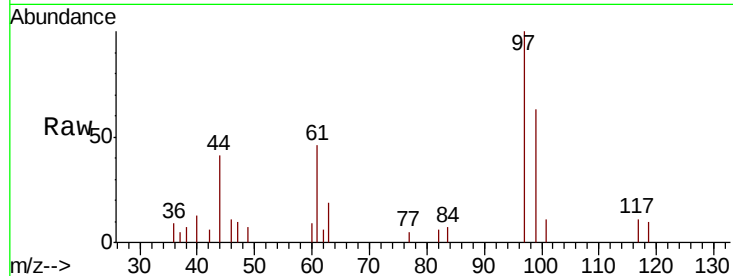




#30
 1,1,1-Trichloroethane
 Concen: 0.734 ug/L
 RT: 4.62 min Scan# 1098
 Delta R.T. 0.01 min
 Lab File: VV019679.D
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Tot Ion: 97 Resp: 5068
 Ion Ratio Lower Upper
 97 100
 99 59.6 51.3 76.9
 61 42.5 36.3 54.5



#34
 Trichloroethene
 Concen: 46.836 ug/L
 RT: 5.92 min Scan# 1501
 Delta R.T. 0.00 min
 Lab File: VV019679.D
 Acq: 16 Dec 2020 17:00

Tgt Ion: 95 Resp: 199168
 Ion Ratio Lower Upper
 95 100
 97 63.5 44.4 82.4
 132 90.2 64.3 119.3
 130 93.4 67.8 125.8

