

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV121020\
 Data File : VV019529.D
 Acq On : 10 Dec 2020 23:03
 Operator : SY/MD
 Sample : L4997-15
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AR1

Quant Time: Dec 11 04:14:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 11 02:38:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.62	114	697030	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	646611	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.25	152	299821	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	201095	40.23	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.46%
7) Chloroethane-d5	1.57	69	174509	44.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.54%
11) 1,1-Dichloroethene-d2	2.11	63	319960	34.49	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.98%
21) 2-Butanone-d5	3.90	46	263916	97.15	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.15%
24) Chloroform-d	4.35	84	406904	45.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.34%
26) 1,2-Dichloroethane-d4	5.04	65	280130	47.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.16%
32) Benzene-d6	5.05	84	809329	46.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.86%
36) 1,2-Dichloropropane-d6	6.07	67	257181	47.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.22%
41) Toluene-d8	7.32	98	730067	47.02	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.04%
43) trans-1,3-Dichloropropene-	7.62	79	138087	44.94	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.88%
47) 2-Hexanone-d5	8.09	63	198454	93.60	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.60%
57) 1,1,2,2-Tetrachloroethane-	10.22	84	337494	46.19	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.38%
64) 1,2-Dichlorobenzene-d4	11.63	152	265967	47.46	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.92%

Target Compounds

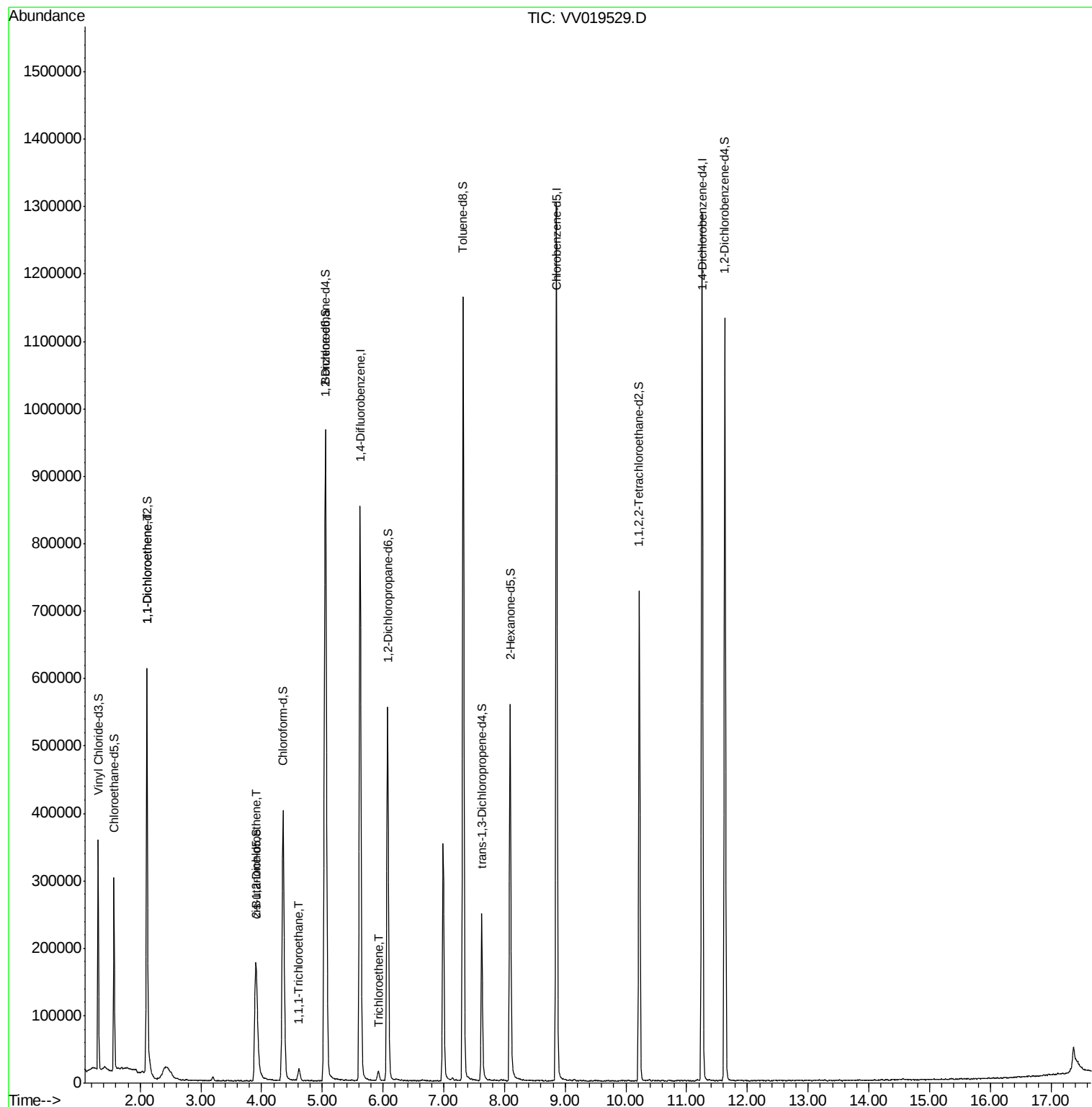
					Ovalue
12) 1,1-Dichloroethene	2.12	96	17153	4.131 ug/L #	1
20) cis-1,2-Dichloroethene	3.92	96	31625	6.321 ug/L #	92
30) 1,1,1-Trichloroethane	4.61	97	14238	1.756 ug/L	97
34) Trichloroethene	5.93	95	3886	0.778 ug/L	95

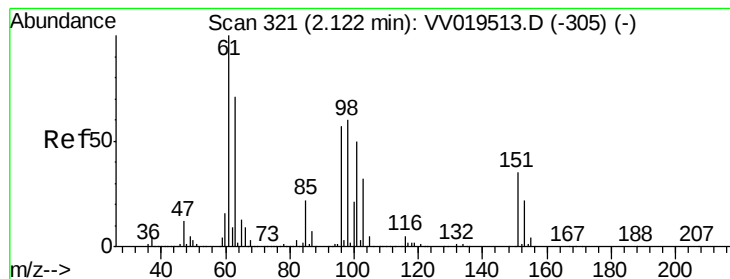
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV121020\
Data File : VV019529.D
Acq On : 10 Dec 2020 23:03
Operator : SY/MD
Sample : L4997-15
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AR1

Quant Time: Dec 11 04:14:58 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121020WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 11 02:38:22 2020
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 4.131 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.00 min

Lab File: VV019529.D

Acq: 10 Dec 2020 23:03

Instrument :

MSVOA_V

ClientSampleId :

C0AR1

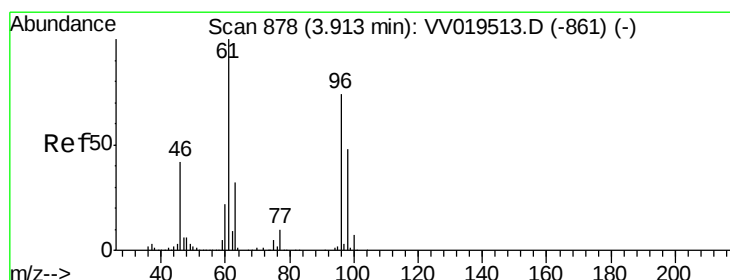
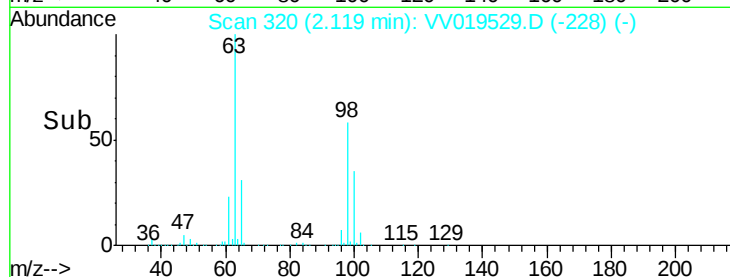
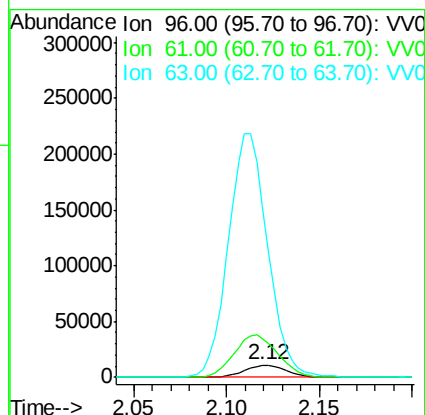
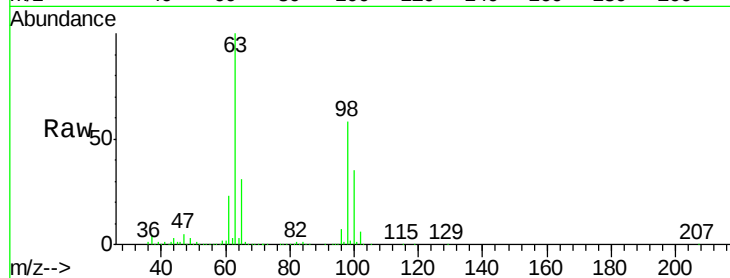
Tot Ion: 96 Resp: 17153

Ion Ratio Lower Upper

96 100

61 321.1 120.7 224.1#

63 1411.1 64.3 119.5#



#20

cis-1,2-Dichloroethene

Concen: 6.321 ug/L

RT: 3.92 min Scan# 880

Delta R.T. 0.01 min

Lab File: VV019529.D

Acq: 10 Dec 2020 23:03

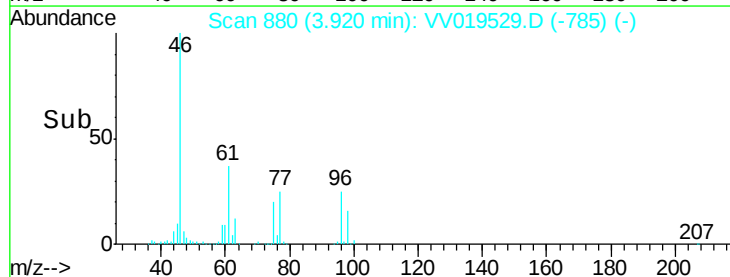
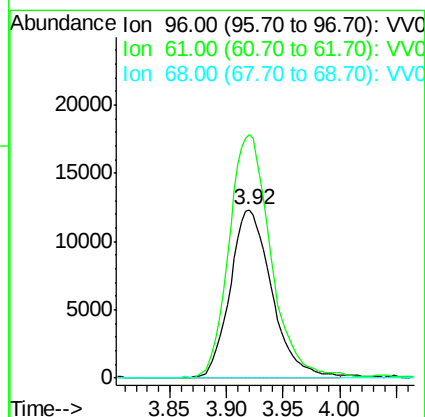
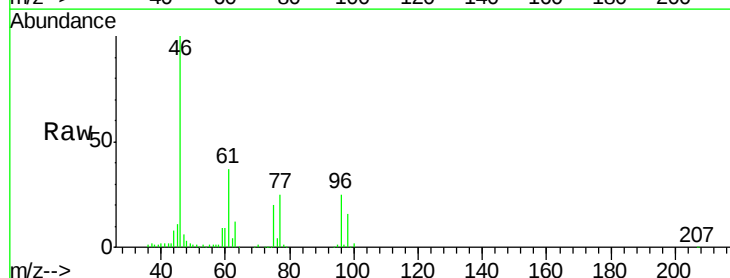
Tgt Ion: 96 Resp: 31625

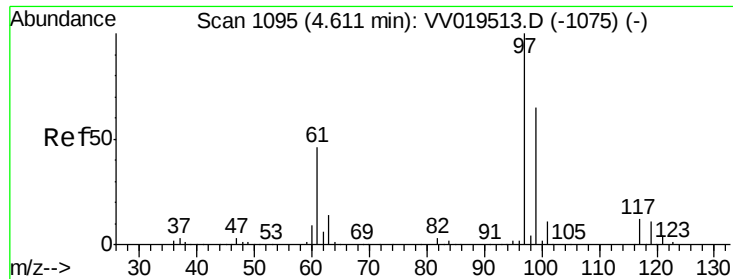
Ion Ratio Lower Upper

96 100

61 144.5 94.1 174.8

68 0.0 0.1 0.1#

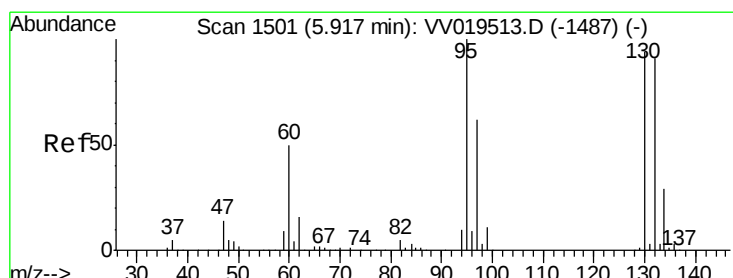
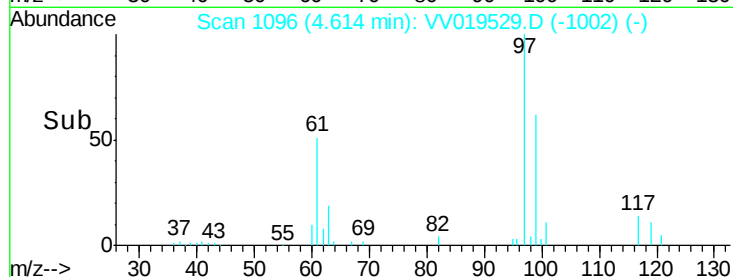
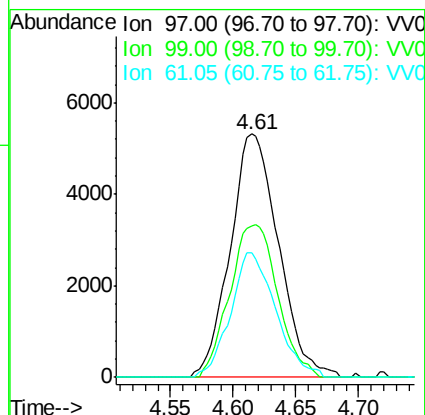
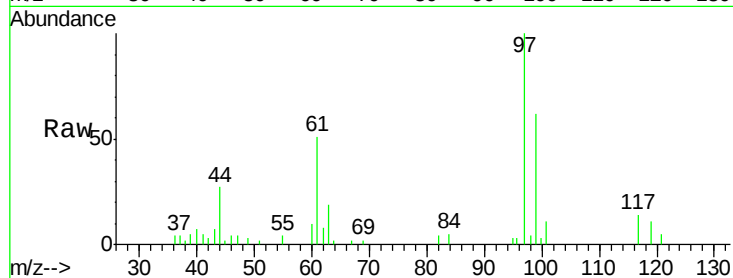




#30
 1,1,1-Trichloroethane
 Concen: 1.756 ug/L
 RT: 4.61 min Scan# 1096
 Delta R.T. 0.00 min
 Lab File: VV019529.D
 Acq: 10 Dec 2020 23:03

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AR1

Tot Ion: 97 Resp: 14238
 Ion Ratio Lower Upper
 97 100
 99 62.3 51.3 76.9
 61 47.7 36.3 54.5



#34
 Trichloroethene
 Concen: 0.778 ug/L
 RT: 5.93 min Scan# 1504
 Delta R.T. 0.01 min
 Lab File: VV019529.D
 Acq: 10 Dec 2020 23:03

Tgt Ion: 95 Resp: 3886
 Ion Ratio Lower Upper
 95 100
 97 57.2 44.4 82.4
 132 86.1 64.3 119.3
 130 97.9 67.8 125.8

