

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092920\
 Data File : VV018533.D
 Acq On : 29 Sep 2020 22:13
 Operator : SY/MD
 Sample : L4149-14
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3N8

Quant Time: Sep 30 05:09:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 30 04:50:47 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	408751	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	394042	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	200141	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	111650	46.57	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.14%
7) Chloroethane-d5	1.58	69	100989	50.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	101.90%
11) 1,1-Dichloroethene-d2	2.12	63	178555	36.56	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.12%
21) 2-Butanone-d5	3.91	46	181705	101.62	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.62%
24) Chloroform-d	4.38	84	238041	45.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.84%
26) 1,2-Dichloroethane-d4	5.06	65	158817	48.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.52%
32) Benzene-d6	5.08	84	492990	49.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.78%
36) 1,2-Dichloropropane-d6	6.09	67	155420	51.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.08%
41) Toluene-d8	7.34	98	455774	48.54	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.08%
43) trans-1,3-Dichloropropene-	7.64	79	76437	46.92	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.84%
47) 2-Hexanone-d5	8.11	63	118068	103.07	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.07%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	193831	48.48	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.96%
64) 1,2-Dichlorobenzene-d4	11.65	152	199070	51.72	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.44%

Target Compounds

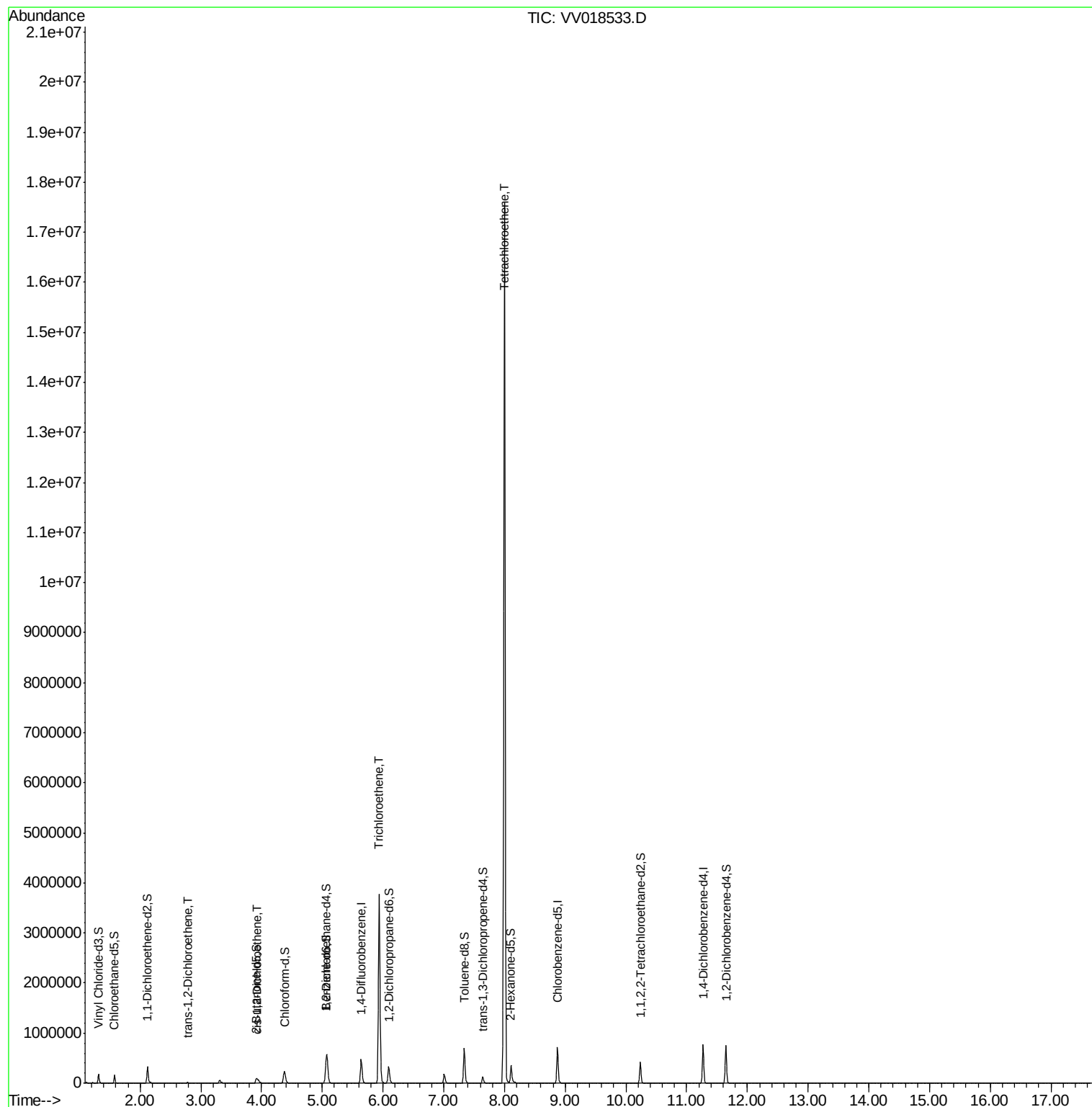
					Ovalue
17) trans-1,2-Dichloroethene	2.78	96	2540	0.870 ug/L	93
20) cis-1,2-Dichloroethene	3.94	96	7438	2.397 ug/L	87
34) Trichloroethene	5.94	95	1281220	381.222 ug/L	99
46) Tetrachloroethene	8.00	164	3987048	1462.295 ug/L	98

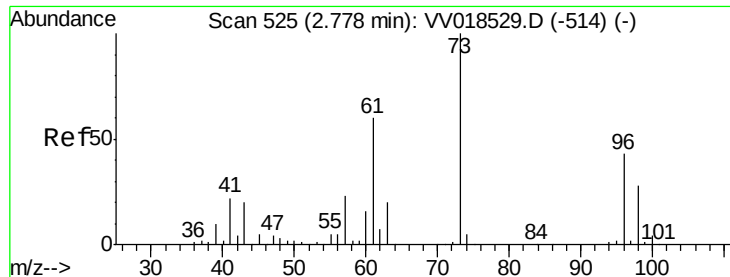
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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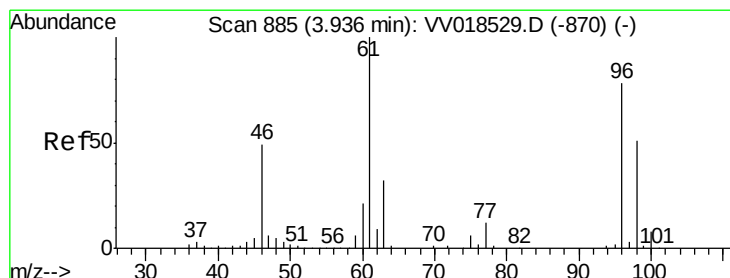
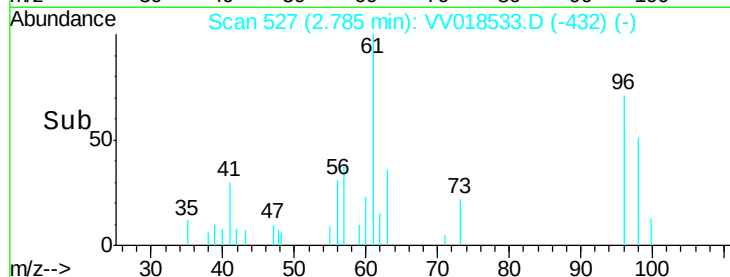
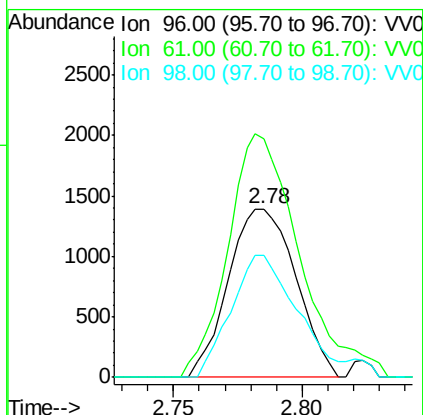
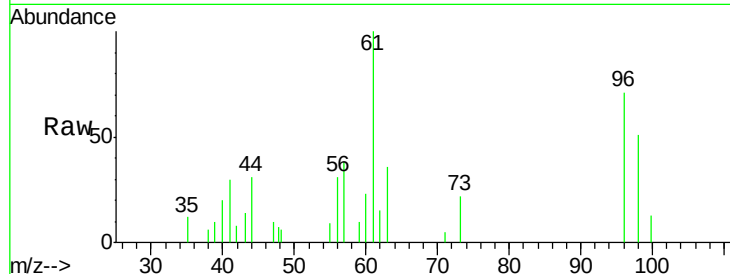




#17
trans-1,2-Dichloroethene
Concen: 0.870 ug/L
RT: 2.78 min Scan# 527
Delta R.T. 0.01 min
Lab File: VV018533.D
Acq: 29 Sep 2020 22:13

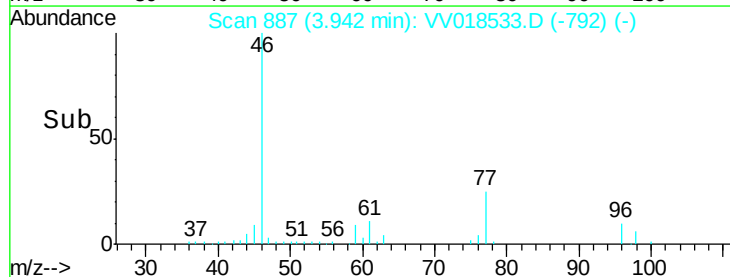
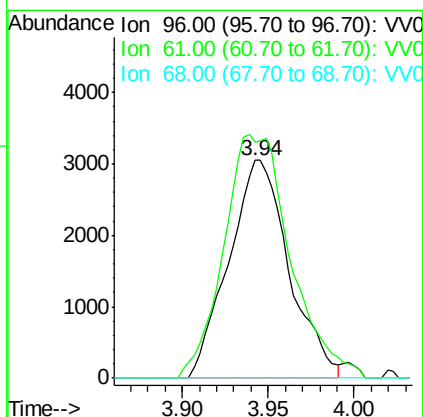
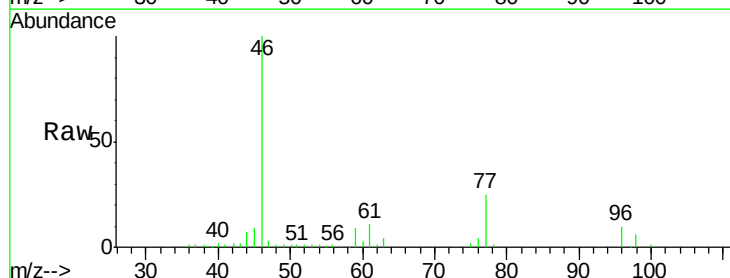
Instrument :
MSVOA_V
ClientSampleId :
BG3N8

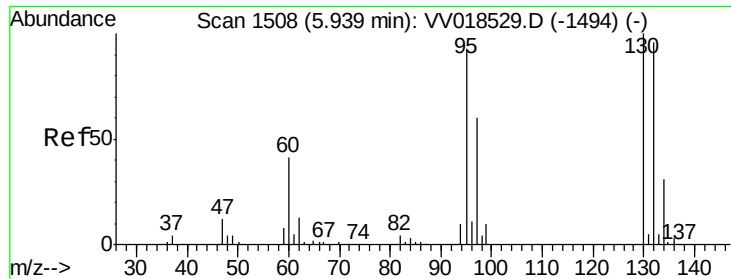
Tot Ion: 96 Resp: 2540
Ion Ratio Lower Upper
96 100
61 141.1 95.0 176.4
98 72.3 44.6 82.8



#20
cis-1,2-Dichloroethene
Concen: 2.397 ug/L
RT: 3.94 min Scan# 887
Delta R.T. 0.01 min
Lab File: VV018533.D
Acq: 29 Sep 2020 22:13

Tgt Ion: 96 Resp: 7438
Ion Ratio Lower Upper
96 100
61 108.8 86.8 161.2
68 0.0 0.0 0.0





#34

Trichloroethene

Concen: 381.222 ug/L

RT: 5.94 min Scan# 1507

Delta R.T. -0.00 min

Lab File: VV018533.D

Acq: 29 Sep 2020 22:13

Instrument :

MSVOA_V

ClientSampleId :

BG3N8

Tot Ion: 95 Resp: 1281220

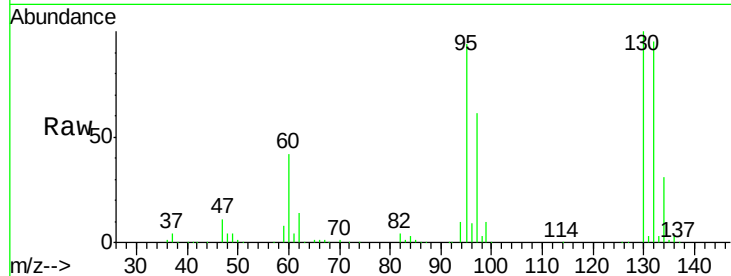
Ion Ratio Lower Upper

95 100

97 64.6 45.9 85.3

132 101.3 70.8 131.4

130 106.4 75.3 139.8

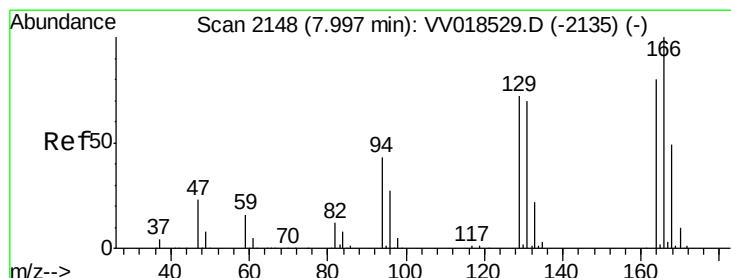
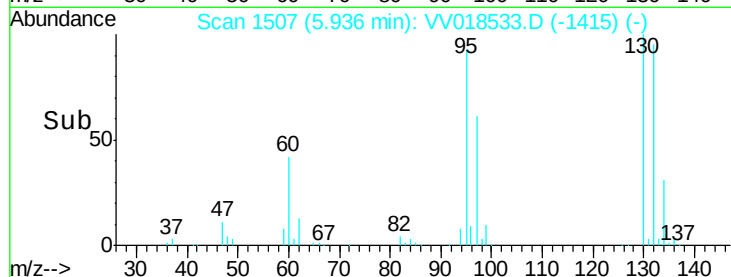
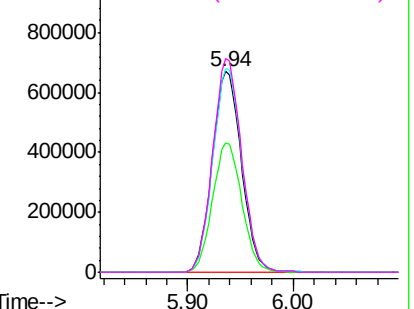


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#46

Tetrachloroethene

Concen: 1462.295 ug/L

RT: 8.00 min Scan# 2149

Delta R.T. 0.00 min

Lab File: VV018533.D

Acq: 29 Sep 2020 22:13

Tgt Ion:164 Resp: 3987048

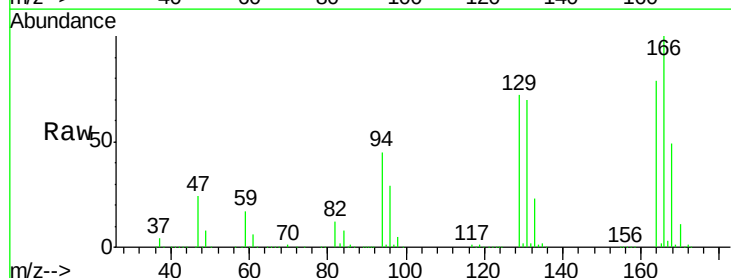
Ion Ratio Lower Upper

164 100

129 91.9 62.8 116.6

131 89.4 60.8 112.8

166 127.0 88.9 165.1



Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V

