

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV070120\
 Data File : VV017289.D
 Acq On : 01 Jul 2020 14:46
 Operator : SY/MD
 Sample : L3150-09
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ETYJ4

Quant Time: Jul 02 05:32:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jul 02 03:02:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	175730	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	173150	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	83096	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	40938	3.88	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.60%
7) Chloroethane-d5	1.58	69	36775	4.80	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.00%
11) 1,1-Dichloroethene-d2	2.12	63	66956	3.34	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.80%
20) 2-Butanone-d5	3.96	46	112484	41.85	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	83.70%
24) Chloroform-d	4.38	84	114531	5.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.60%
26) 1,2-Dichloroethane-d4	5.06	65	63288	5.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.80%
32) Benzene-d6	5.07	84	201692	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.80%
36) 1,2-Dichloropropane-d6	6.10	67	60643	4.51	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.20%
41) Toluene-d8	7.34	98	174145	4.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.60%
45) trans-1,3-Dichloropropene-	7.65	79	22347	3.99	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.80%
48) 2-Hexanone-d5	8.12	63	92170	43.19	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.38%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	45435	5.08	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.60%
65) 1,2-Dichlorobenzene-d4	11.65	152	75184	4.89	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.80%

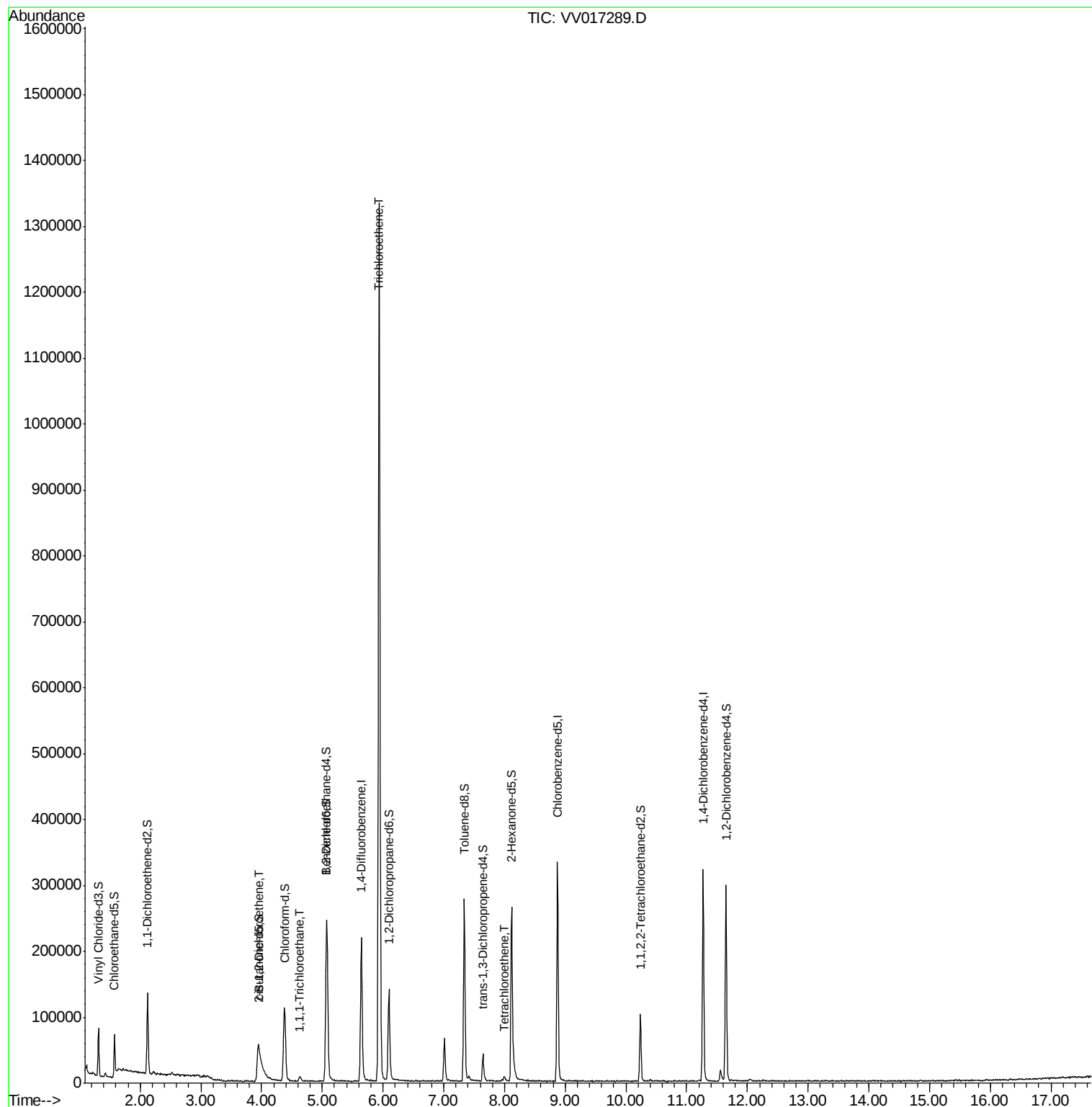
Target Compounds					Ovalue
22) cis-1,2-Dichloroethene	3.94	96	15575	1.274 ug/L	98
29) 1,1,1-Trichloroethane	4.64	97	4788	0.231 ug/L	91
34) Trichloroethene	5.94	95	441921	33.283 ug/L	98
49) Tetrachloroethene	8.00	164	1686	0.158 ug/L	73

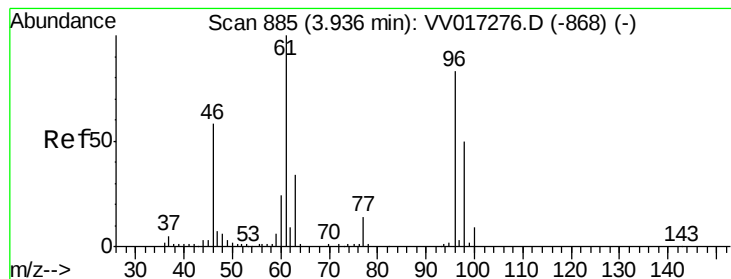
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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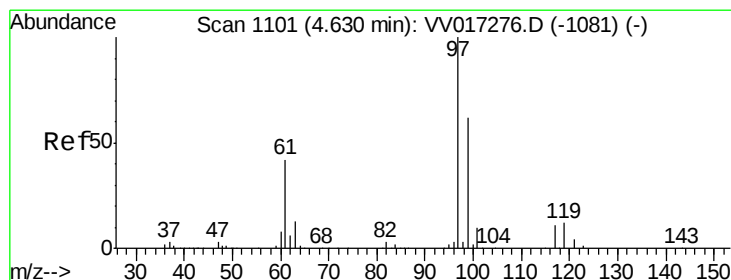
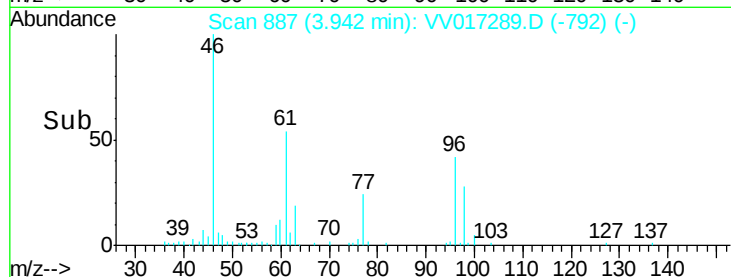
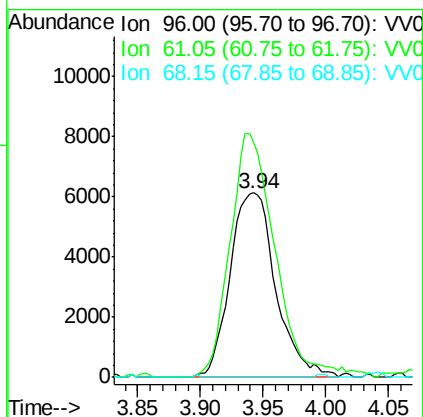
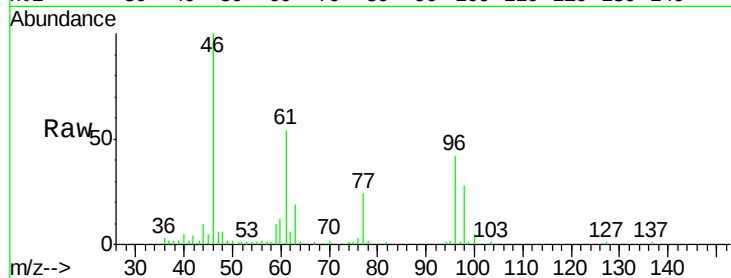


#22

cis-1,2-Dichloroethene
 Concen: 1.274 ug/L
 RT: 3.94 min Scan# 887
 Delta R.T. 0.01 min
 Lab File: VV017289.D
 Acq: 01 Jul 2020 14:46

Instrument :
 MSVOA_V
 ClientSampled :
 ETYJ4

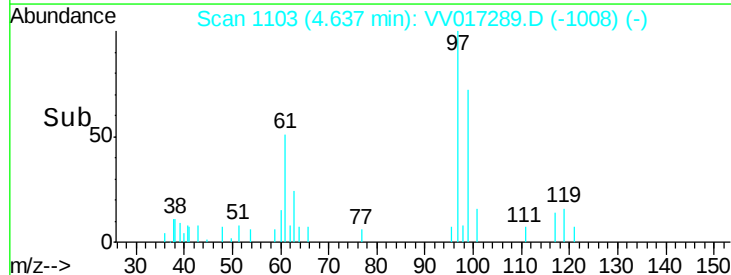
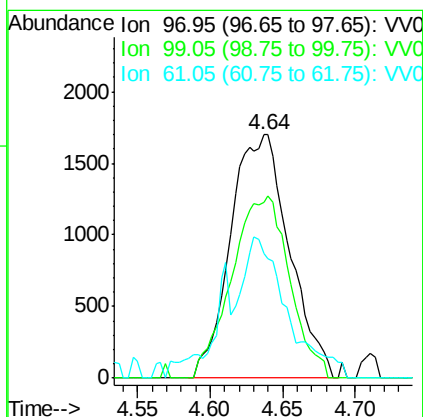
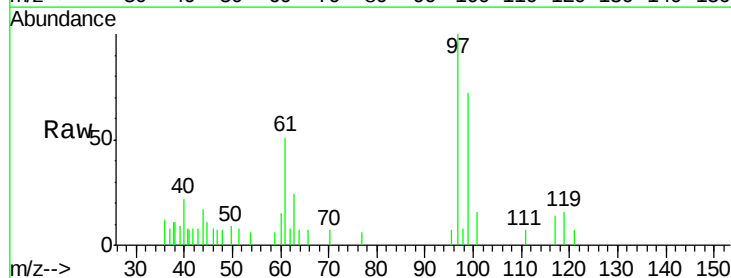
Tot Ion: 96 Resp: 15575
 Ion Ratio Lower Upper
 96 100
 61 127.5 91.0 169.0
 68 0.0 0.0 0.0

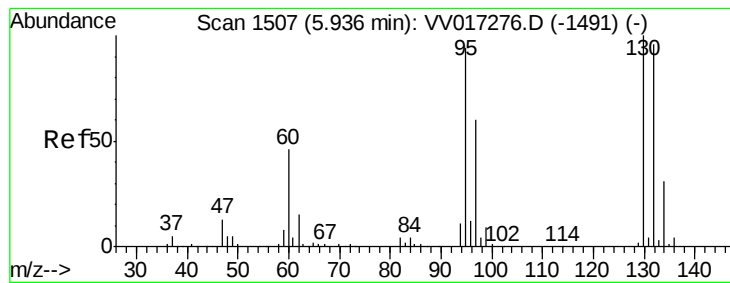


#29

1,1,1-Trichloroethane
 Concen: 0.231 ug/L
 RT: 4.64 min Scan# 1103
 Delta R.T. 0.01 min
 Lab File: VV017289.D
 Acq: 01 Jul 2020 14:46

Tgt Ion: 97 Resp: 4788
 Ion Ratio Lower Upper
 97 100
 99 73.6 50.3 75.5
 61 43.4 36.0 54.0





#34

Trichloroethene

Concen: 33.283 ug/L

RT: 5.94 min Scan# 1507

Delta R.T. -0.00 min

Lab File: VV017289.D

Acq: 01 Jul 2020 14:46

Instrument :

MSVOA_V

ClientSampleId :

ETYJ4

Tot Ion: 95 Resp: 441921

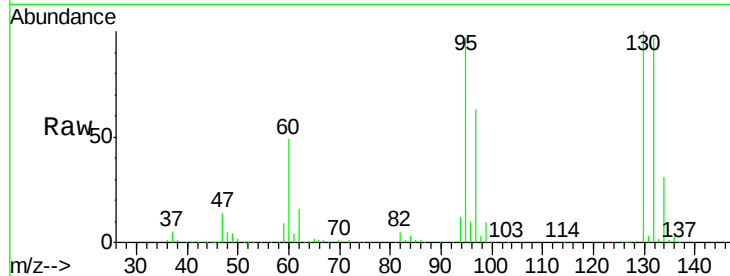
Ion Ratio Lower Upper

95 100

97 64.6 45.3 84.1

132 99.6 68.8 127.8

130 103.1 70.2 130.4

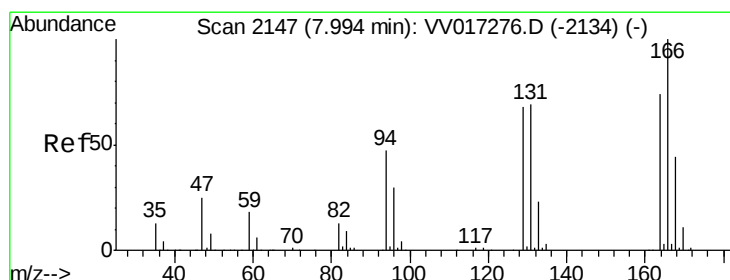
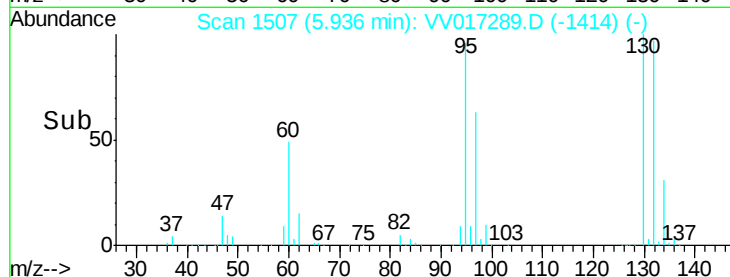
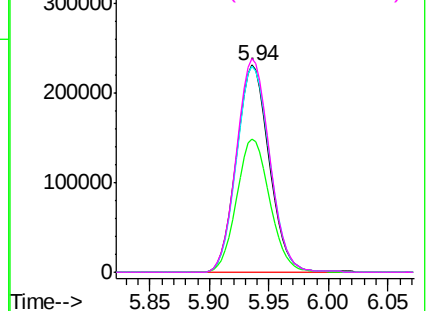


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#49

Tetrachloroethene

Concen: 0.158 ug/L

RT: 8.00 min Scan# 2149

Delta R.T. 0.01 min

Lab File: VV017289.D

Acq: 01 Jul 2020 14:46

Tgt Ion:164 Resp: 1686

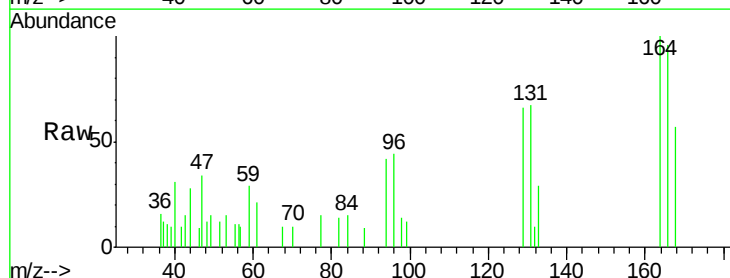
Ion Ratio Lower Upper

164 100

129 66.4 65.2 121.0

131 67.3 64.1 119.1

166 96.4 90.2 167.4



Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V

