

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV051120\
 Data File : VV015985.D
 Acq On : 11 May 2020 13:28
 Operator : SY/MD
 Sample : L2520-08DL 5X
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H41Y3DL

Quant Time: May 12 02:02:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue May 12 01:07:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	145798	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	140282	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	65388	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	29828	3.77	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.40%
7) Chloroethane-d5	1.58	69	30685	4.09	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.80%
11) 1,1-Dichloroethene-d2	2.12	63	51402	3.02	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.40%
20) 2-Butanone-d5	3.94	46	112639	49.92	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.84%
24) Chloroform-d	4.38	84	81645	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.40%
26) 1,2-Dichloroethane-d4	5.06	65	45788	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.40%
32) Benzene-d6	5.08	84	152013	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.00%
36) 1,2-Dichloropropane-d6	6.09	67	49635	4.87	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.40%
41) Toluene-d8	7.34	98	137952	4.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.40%
45) trans-1,3-Dichloropropene-	7.65	79	17580	4.40	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.00%
48) 2-Hexanone-d5	8.12	63	77559	44.15	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.30%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	34789	4.85	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.00%
65) 1,2-Dichlorobenzene-d4	11.65	152	53070	5.00	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.00%

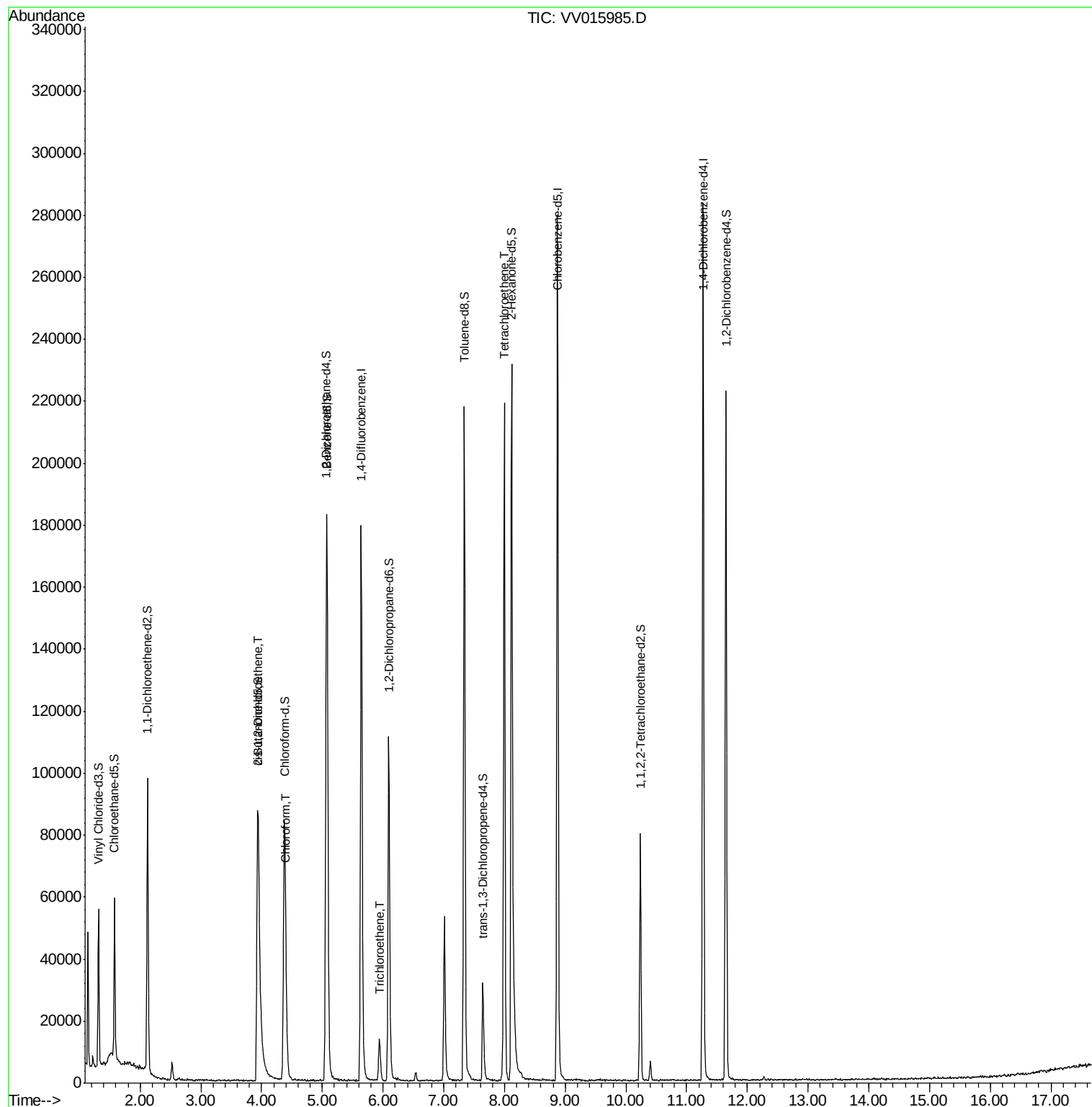
Target Compounds					Ovalue
22) cis-1,2-Dichloroethene	3.94	96	22956	2.473 ug/L	97
25) Chloroform	4.41	83	15952	0.848 ug/L	96
34) Trichloroethene	5.94	95	4028	0.400 ug/L	93
49) Tetrachloroethene	8.00	164	45229	6.435 ug/L	97

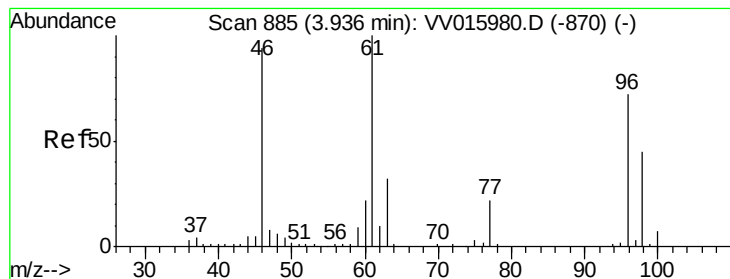
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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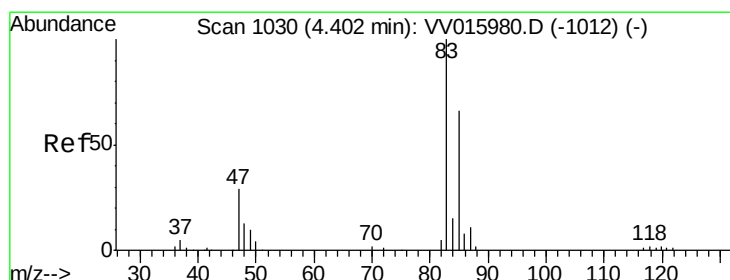
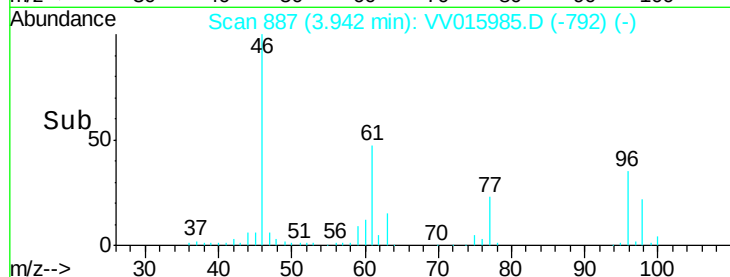
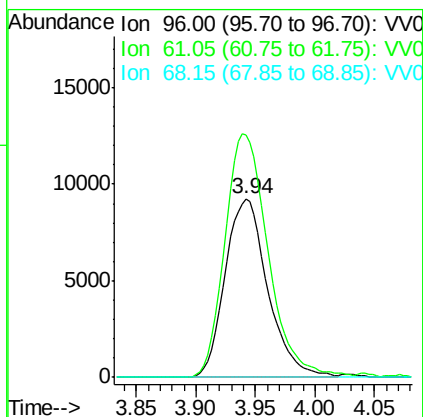
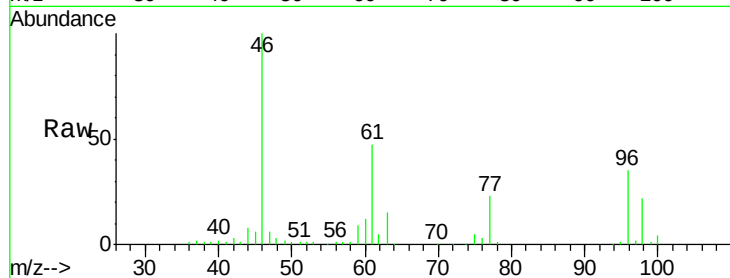


#22

cis-1,2-Dichloroethene
 Concen: 2.473 ug/L
 RT: 3.94 min Scan# 887
 Delta R.T. 0.01 min
 Lab File: VV015985.D
 Acq: 11 May 2020 13:28

Instrument :
 MSVOA_V
 ClientSampleId :
 H41Y3DL

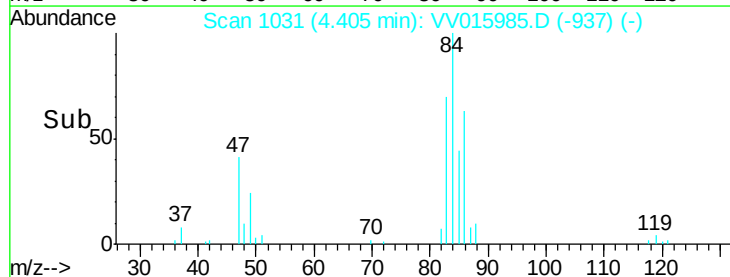
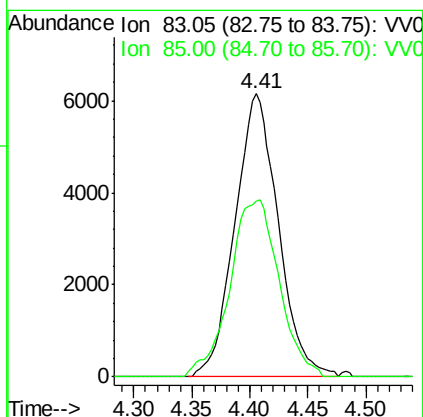
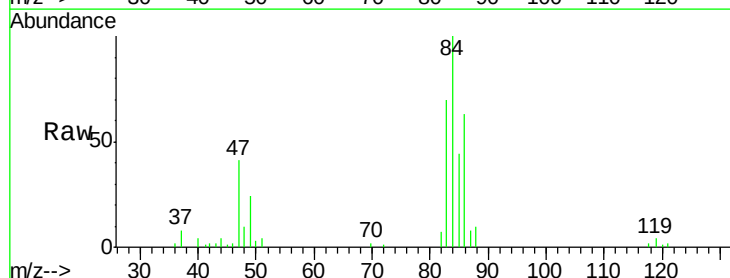
Tot Ion: 96 Resp: 22956
 Ion Ratio Lower Upper
 96 100
 61 135.5 97.2 180.6
 68 0.0 0.0 0.0

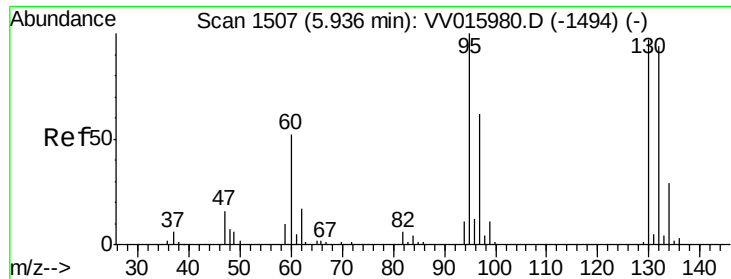


#25

Chloroform
 Concen: 0.848 ug/L
 RT: 4.41 min Scan# 1031
 Delta R.T. 0.00 min
 Lab File: VV015985.D
 Acq: 11 May 2020 13:28

Tgt Ion: 83 Resp: 15952
 Ion Ratio Lower Upper
 83 100
 85 62.2 45.7 84.9





#34

Trichloroethene

Concen: 0.400 ug/L

RT: 5.94 min Scan# 1509

Delta R.T. 0.01 min

Lab File: VV015985.D

Acq: 11 May 2020 13:28

Instrument :

MSVOA_V

ClientSampled :

H41Y3DL

Tot Ion: 95 Resp: 4028

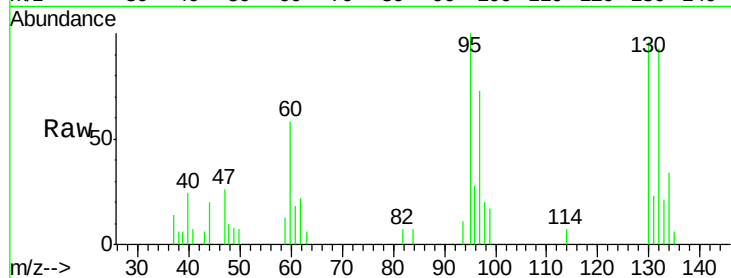
Ion Ratio Lower Upper

95 100

97 72.5 43.3 80.5

132 93.2 60.3 112.1

130 95.5 66.0 122.6

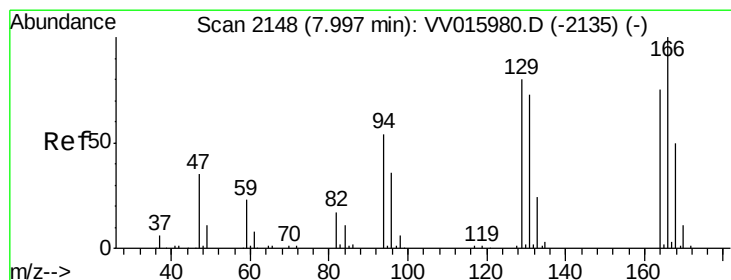
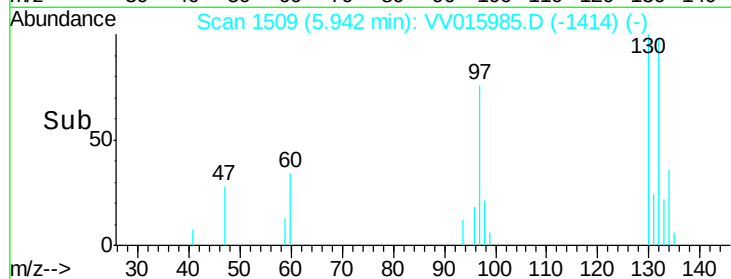
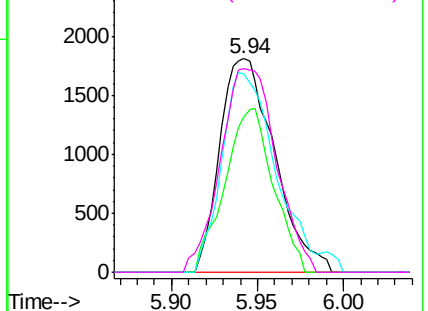


Abundance Ion 95.00 (94.70 to 95.70): VV0

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: 6.435 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. -0.00 min

Lab File: VV015985.D

Acq: 11 May 2020 13:28

Tgt Ion: 164 Resp: 45229

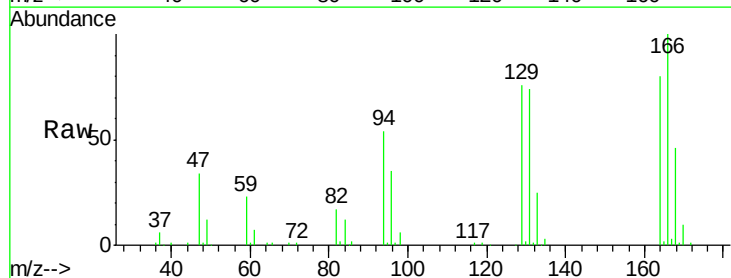
Ion Ratio Lower Upper

164 100

129 94.4 69.7 129.4

131 92.3 66.8 124.2

166 124.7 89.1 165.5



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

