

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV051120\
 Data File : VV015991.D
 Acq On : 11 May 2020 15:48
 Operator : SY/MD
 Sample : L2520-16
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H4222

Quant Time: May 12 02:58:36 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	146652	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	143819	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	66783	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	29566	3.72	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.40%
7) Chloroethane-d5	1.58	69	31514	4.18	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.60%
11) 1,1-Dichloroethene-d2	2.12	63	51849	3.03	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.60%
20) 2-Butanone-d5	3.94	46	112872	49.74	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.48%
24) Chloroform-d	4.38	84	77663	4.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.40%
26) 1,2-Dichloroethane-d4	5.06	65	47738	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.80%
32) Benzene-d6	5.08	84	155821	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.00%
36) 1,2-Dichloropropane-d6	6.10	67	50267	4.81	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.20%
41) Toluene-d8	7.34	98	136895	4.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.60%
45) trans-1,3-Dichloropropene-	7.65	79	16837	4.11	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.20%
48) 2-Hexanone-d5	8.12	63	79733	44.27	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.54%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	35604	4.85	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.00%
65) 1,2-Dichlorobenzene-d4	11.65	152	52414	4.84	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.80%

Target Compounds

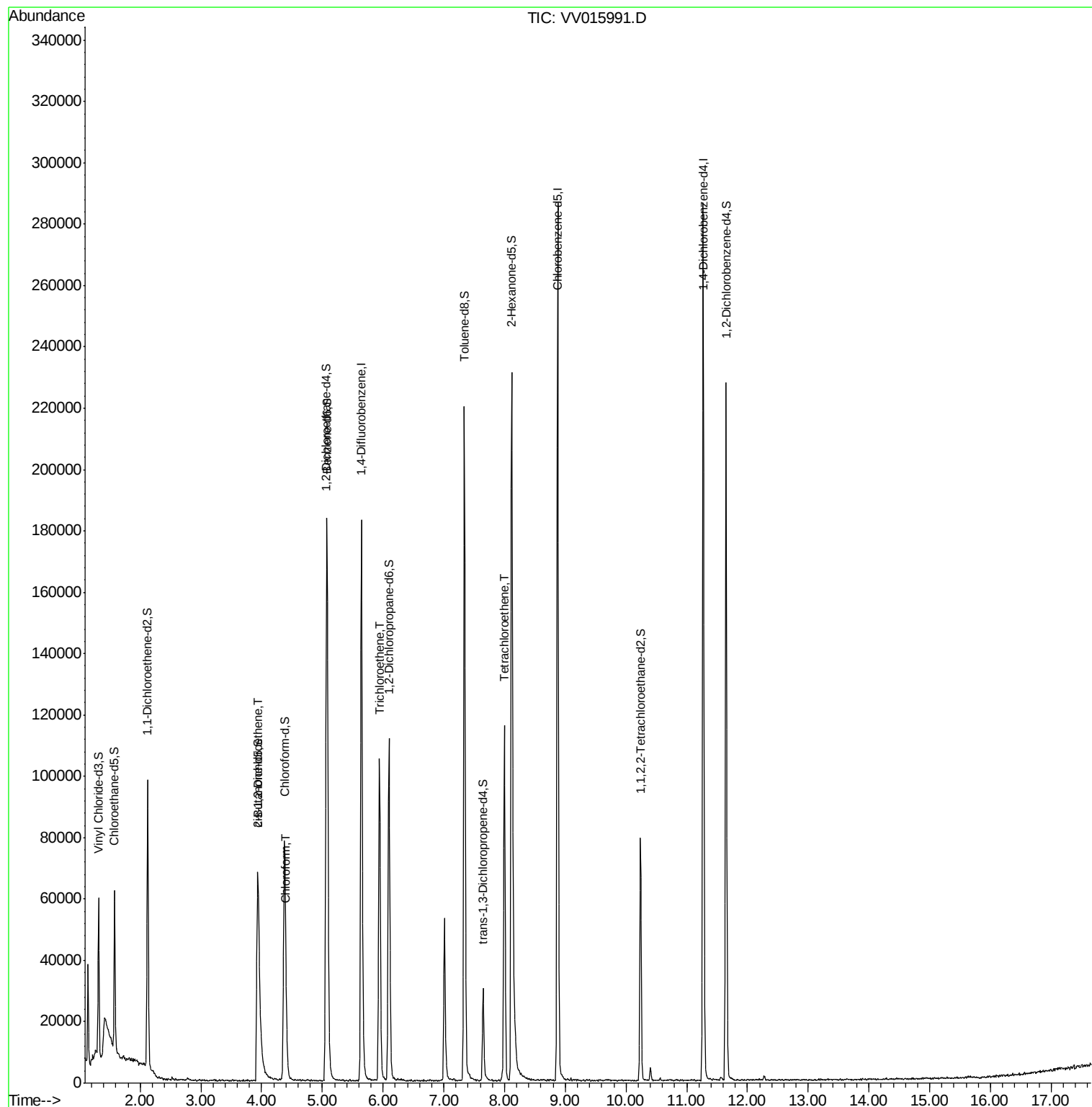
					Ovalue
22) cis-1,2-Dichloroethene	3.94	96	10596	1.135	ug/L 96
25) Chloroform	4.41	83	7789	0.412	ug/L 93
34) Trichloroethene	5.94	95	36280	3.513	ug/L 97
49) Tetrachloroethene	8.00	164	23405	3.248	ug/L 98

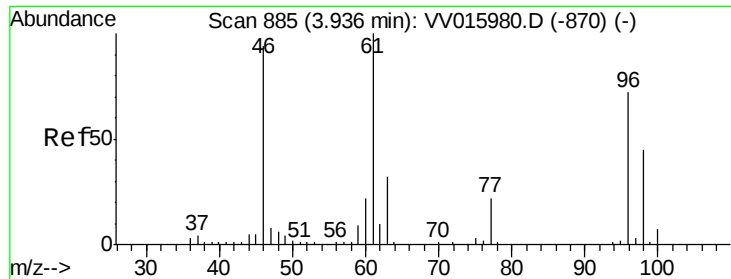
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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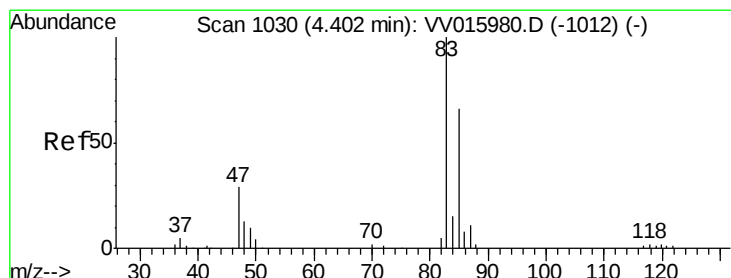
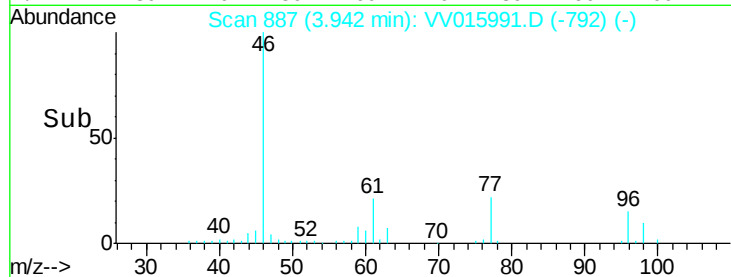
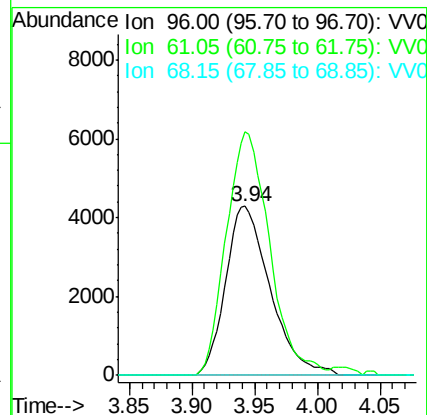
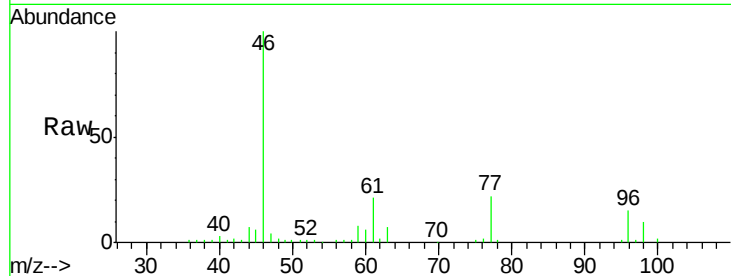


#22

cis-1,2-Dichloroethene
 Concen: 1.135 ug/L
 RT: 3.94 min Scan# 887
 Delta R.T. 0.01 min
 Lab File: VV015991.D
 Acq: 11 May 2020 15:48

Instrument :
 MSVOA_V
 ClientSampleId :
 H4222

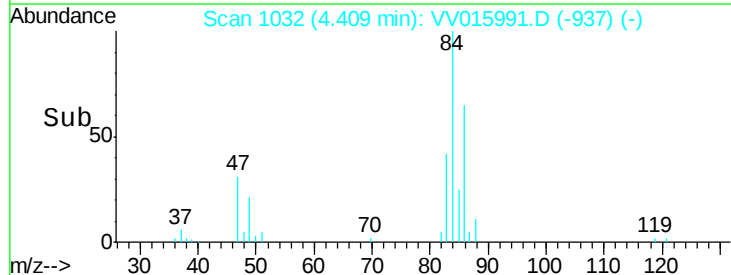
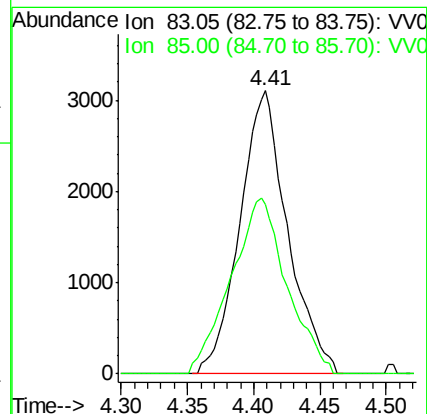
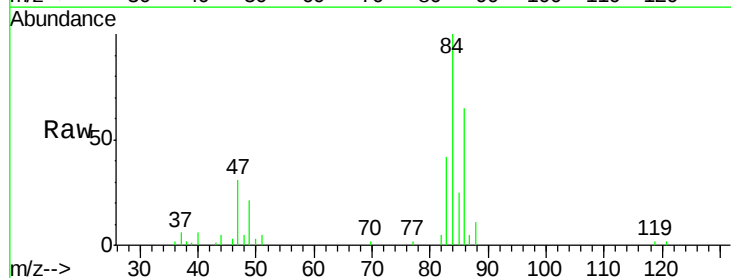
Tot Ion: 96 Resp: 10596
 Ion Ratio Lower Upper
 96 100
 61 143.8 97.2 180.6
 68 0.0 0.0 0.0

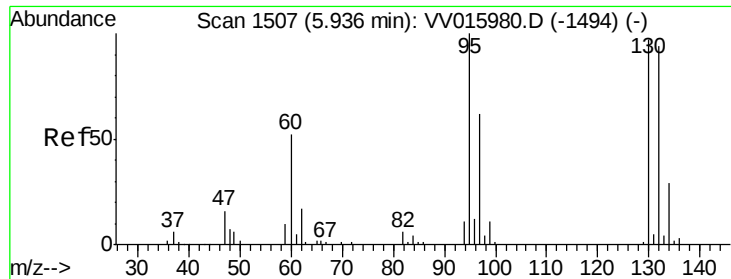


#25

Chloroform
 Concen: 0.412 ug/L
 RT: 4.41 min Scan# 1032
 Delta R.T. 0.01 min
 Lab File: VV015991.D
 Acq: 11 May 2020 15:48

Tgt Ion: 83 Resp: 7789
 Ion Ratio Lower Upper
 83 100
 85 59.8 45.7 84.9





#34

Trichloroethene

Concen: 3.513 ug/L

RT: 5.94 min Scan# 1509

Delta R.T. 0.01 min

Lab File: VV015991.D

Acq: 11 May 2020 15:48

Instrument :

MSVOA_V

ClientSampled :

H4222

Tot Ion: 95 Resp: 36280

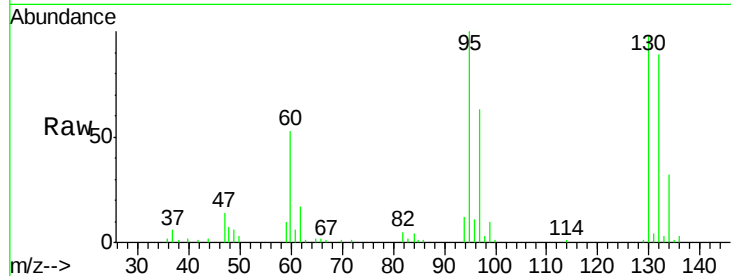
Ion Ratio Lower Upper

95 100

97 62.9 43.3 80.5

132 89.3 60.3 112.1

130 97.6 66.0 122.6

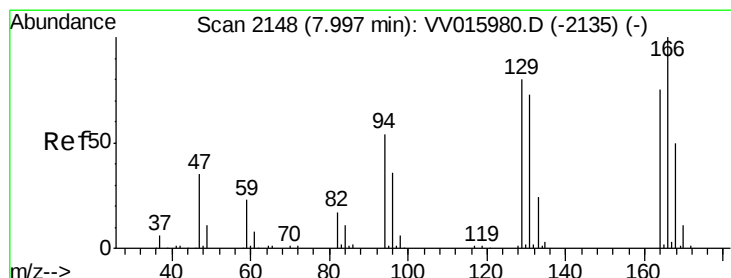
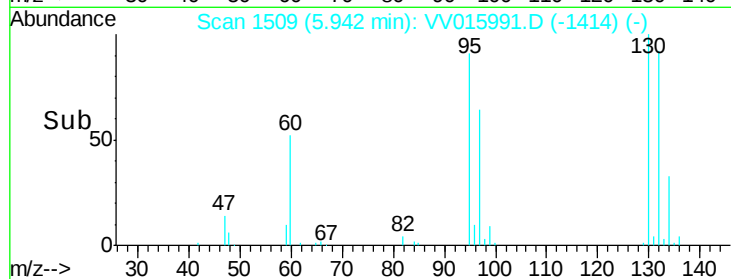
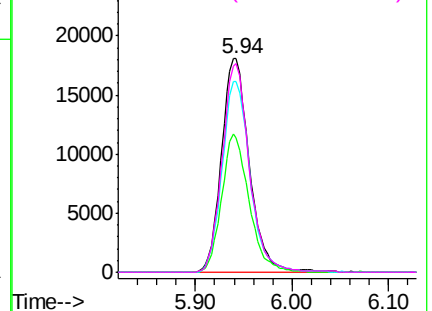


Abundance Ion 95.00 (94.70 to 95.70): VV0

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: 3.248 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. 0.00 min

Lab File: VV015991.D

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Tgt Ion: 164 Resp: 23405

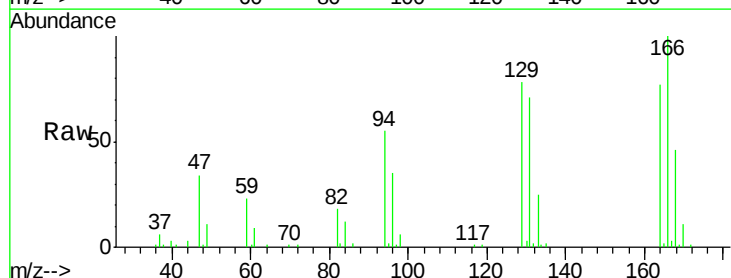
Ion Ratio Lower Upper

164 100

129 100.8 69.7 129.4

131 91.3 66.8 124.2

166 129.5 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

