

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV051120\
 Data File : VV015995.D
 Acq On : 11 May 2020 17:44
 Operator : SY/MD
 Sample : L2541-05
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H41Y8

Quant Time: May 12 03:17:55 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	144805	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	144790	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	64792	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	32463	4.13	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.60%
7) Chloroethane-d5	1.58	69	33497	4.50	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.00%
11) 1,1-Dichloroethene-d2	2.12	63	53769	3.18	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.60%
20) 2-Butanone-d5	3.96	46	117218	52.31	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.62%
24) Chloroform-d	4.38	84	80413	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.60%
26) 1,2-Dichloroethane-d4	5.06	65	49633	5.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.80%
32) Benzene-d6	5.08	84	162069	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.00%
36) 1,2-Dichloropropane-d6	6.10	67	52001	4.95	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.00%
41) Toluene-d8	7.34	98	142937	4.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.80%
45) trans-1,3-Dichloropropene-	7.65	79	13885	3.36	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	67.20%
48) 2-Hexanone-d5	8.12	63	80149	44.20	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.40%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	37649	5.09	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.80%
65) 1,2-Dichlorobenzene-d4	11.65	152	53726	5.11	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.20%

Target Compounds

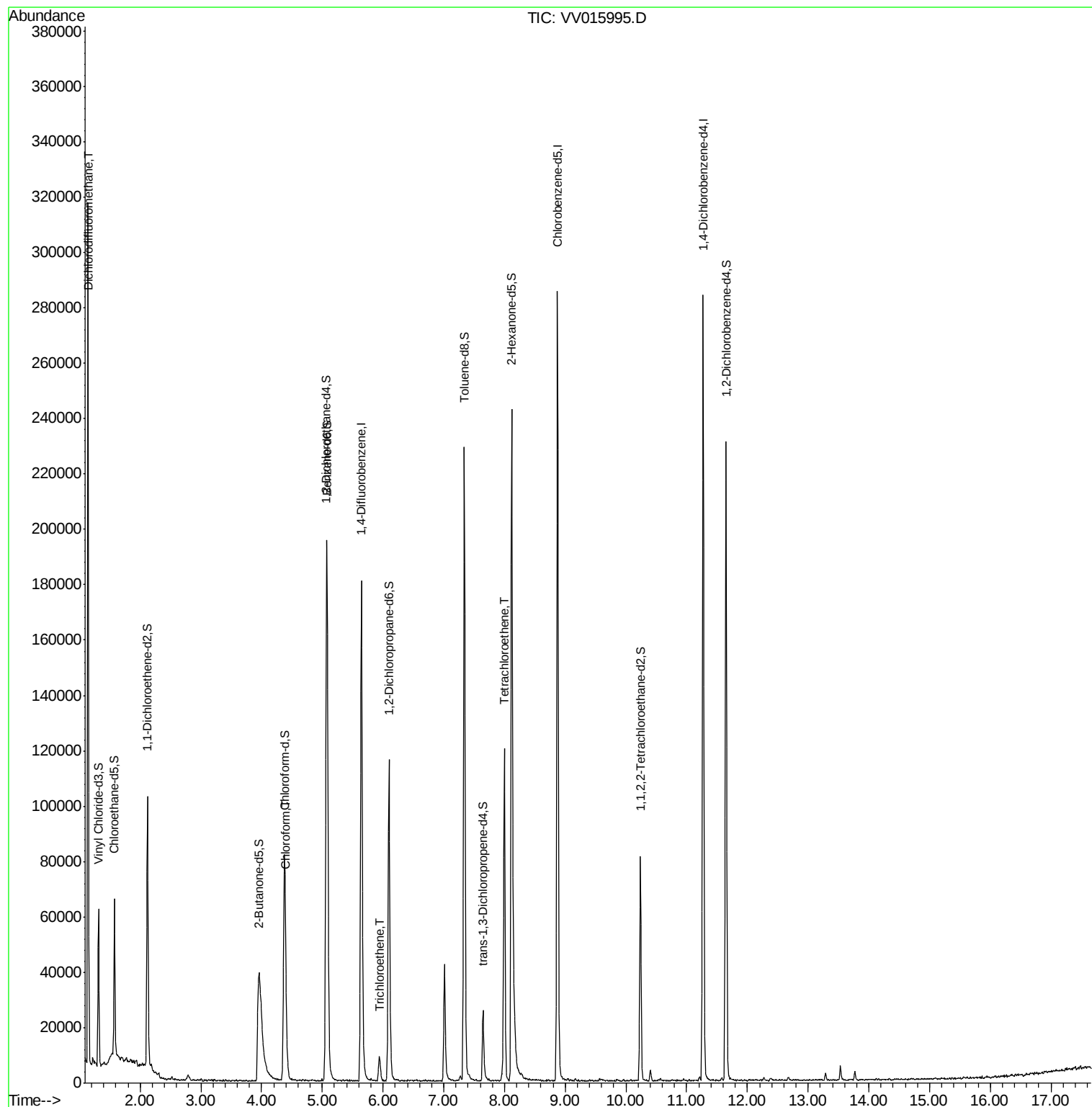
					Ovalue
2) Dichlorodifluoromethane	1.14	85	3513	0.317 ug/L	96
25) Chloroform	4.40	83	9190	0.492 ug/L	97
34) Trichloroethene	5.95	95	2767	0.266 ug/L	94
49) Tetrachloroethene	8.00	164	24343	3.355 ug/L	98

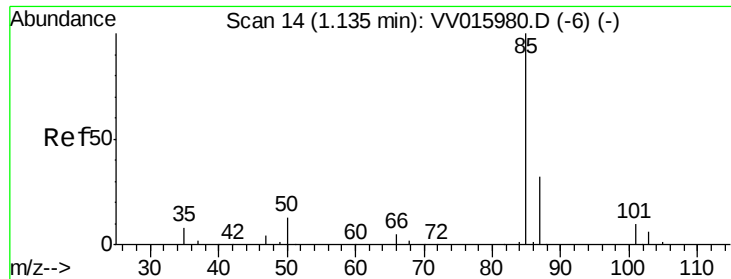
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

Dichlorodifluoromethane

Concen: 0.317 ug/L

RT: 1.14 min Scan# 16

Delta R.T. 0.01 min

Lab File: VV015995.D

Acq: 11 May 2020 17:44

Instrument :

MSVOA_V

ClientSampleId :

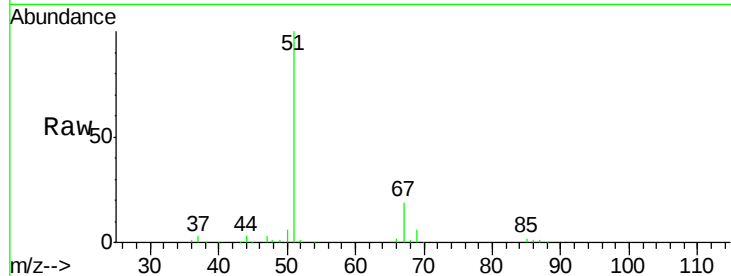
H41Y8

Tot Ion: 85 Resp: 3513

Ion Ratio Lower Upper

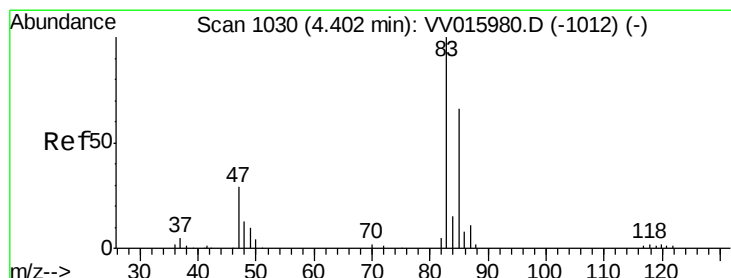
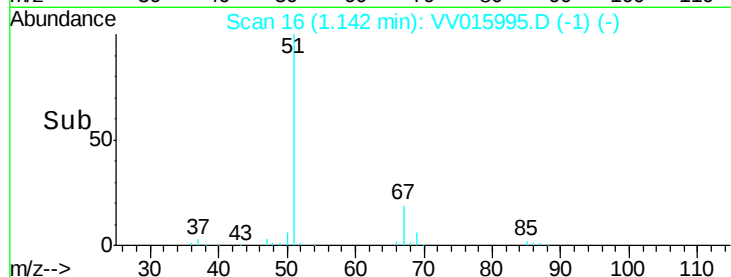
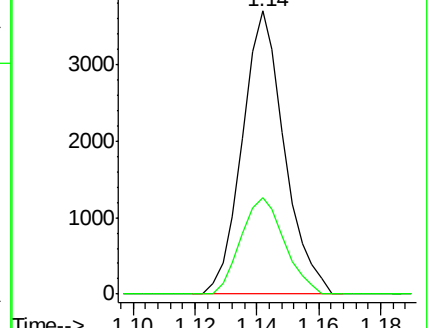
85 100

87 35.1 26.4 39.6



Abundance Ion 85.00 (84.70 to 85.70): VV0

Ion 87.00 (86.70 to 87.70): VV0



#25

Chloroform

Concen: 0.492 ug/L

RT: 4.40 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VV015995.D

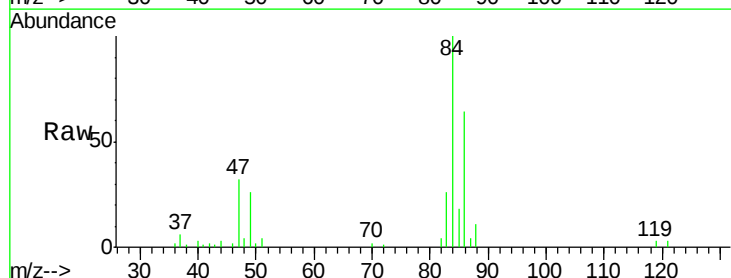
Acq: 11 May 2020 17:44

Tgt Ion: 83 Resp: 9190

Ion Ratio Lower Upper

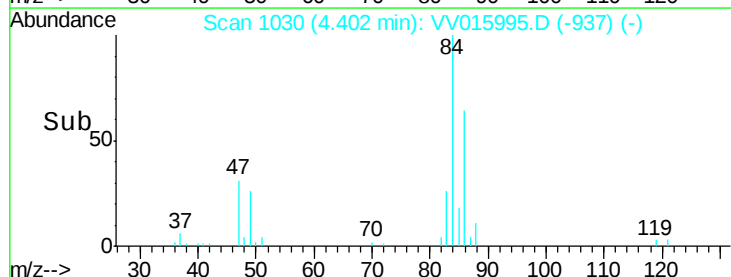
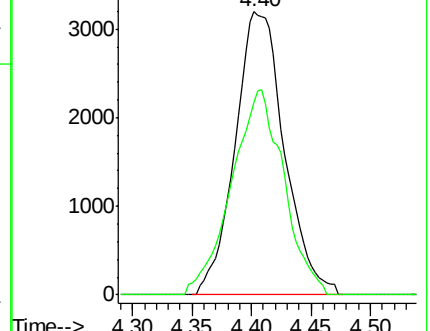
83 100

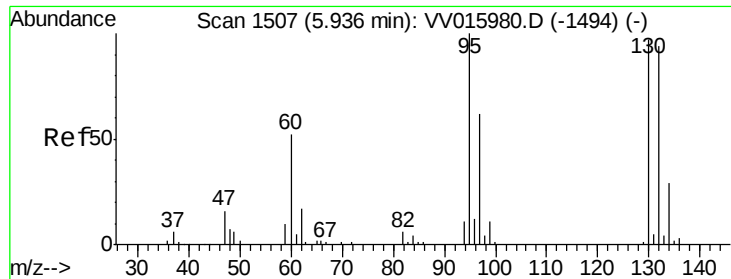
85 67.8 45.7 84.9



Abundance Ion 83.05 (82.75 to 83.75): VV0

Ion 85.00 (84.70 to 85.70): VV0





#34

Trichloroethene

Concen: 0.266 ug/L

RT: 5.95 min Scan# 1510

Delta R.T. 0.01 min

Lab File: VV015995.D

Acq: 11 May 2020 17:44

Instrument :

MSVOA_V

ClientSampleId :

H41Y8

Tot Ion: 95 Resp: 2767

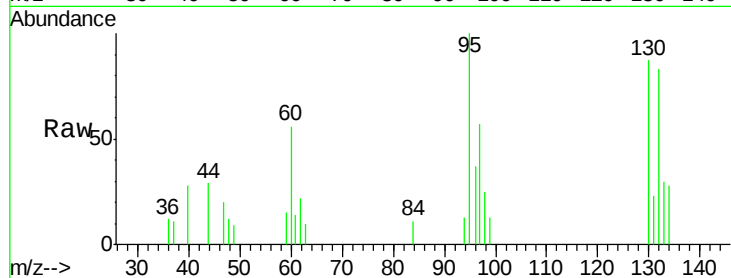
Ion Ratio Lower Upper

95 100

97 57.1 43.3 80.5

132 83.4 60.3 112.1

130 87.2 66.0 122.6

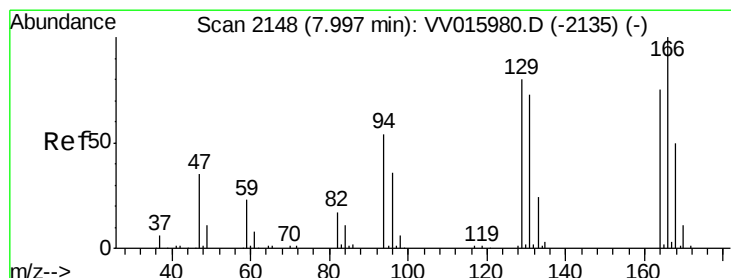
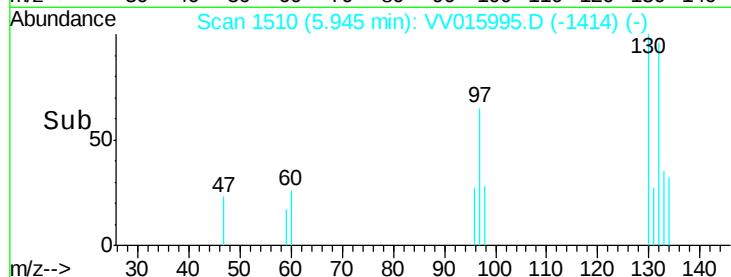
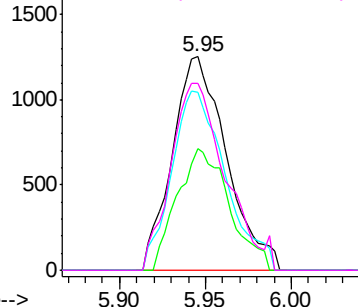


Abundance Ion 95.00 (94.70 to 95.70): VV0

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: 3.355 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. -0.00 min

Lab File: VV015995.D

Acq: 11 May 2020 17:44

Tgt Ion: 164 Resp: 24343

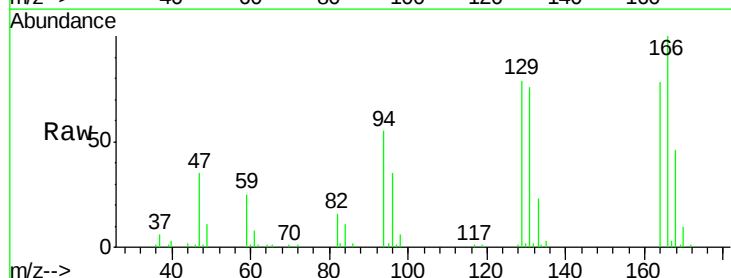
Ion Ratio Lower Upper

164 100

129 101.7 69.7 129.4

131 98.0 66.8 124.2

166 128.5 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

