

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV070920\
 Data File : VV017407.D
 Acq On : 09 Jul 2020 18:45
 Operator : SY/MD
 Sample : L3253-02
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F4A10

Quant Time: Jul 10 04:52:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM070820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 10 04:00:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	265827	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	250757	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	121470	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	57002	41.19	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.38%
7) Chloroethane-d5	1.58	69	42112	43.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.64%
11) 1,1-Dichloroethene-d2	2.12	63	98468	31.42	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.84%
21) 2-Butanone-d5	3.91	46	86611	91.63	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.63%
24) Chloroform-d	4.38	84	142495	44.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.04%
26) 1,2-Dichloroethane-d4	5.06	65	102906	46.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.68%
32) Benzene-d6	5.08	84	249815	46.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.24%
36) 1,2-Dichloropropane-d6	6.09	67	74167	47.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.10%
41) Toluene-d8	7.34	98	232072	44.56	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.12%
43) trans-1,3-Dichloropropene-	7.64	79	40541	44.65	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.30%
47) 2-Hexanone-d5	8.11	63	60173	94.00	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.00%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	98984	45.19	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.38%
64) 1,2-Dichlorobenzene-d4	11.65	152	100325	49.40	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.80%

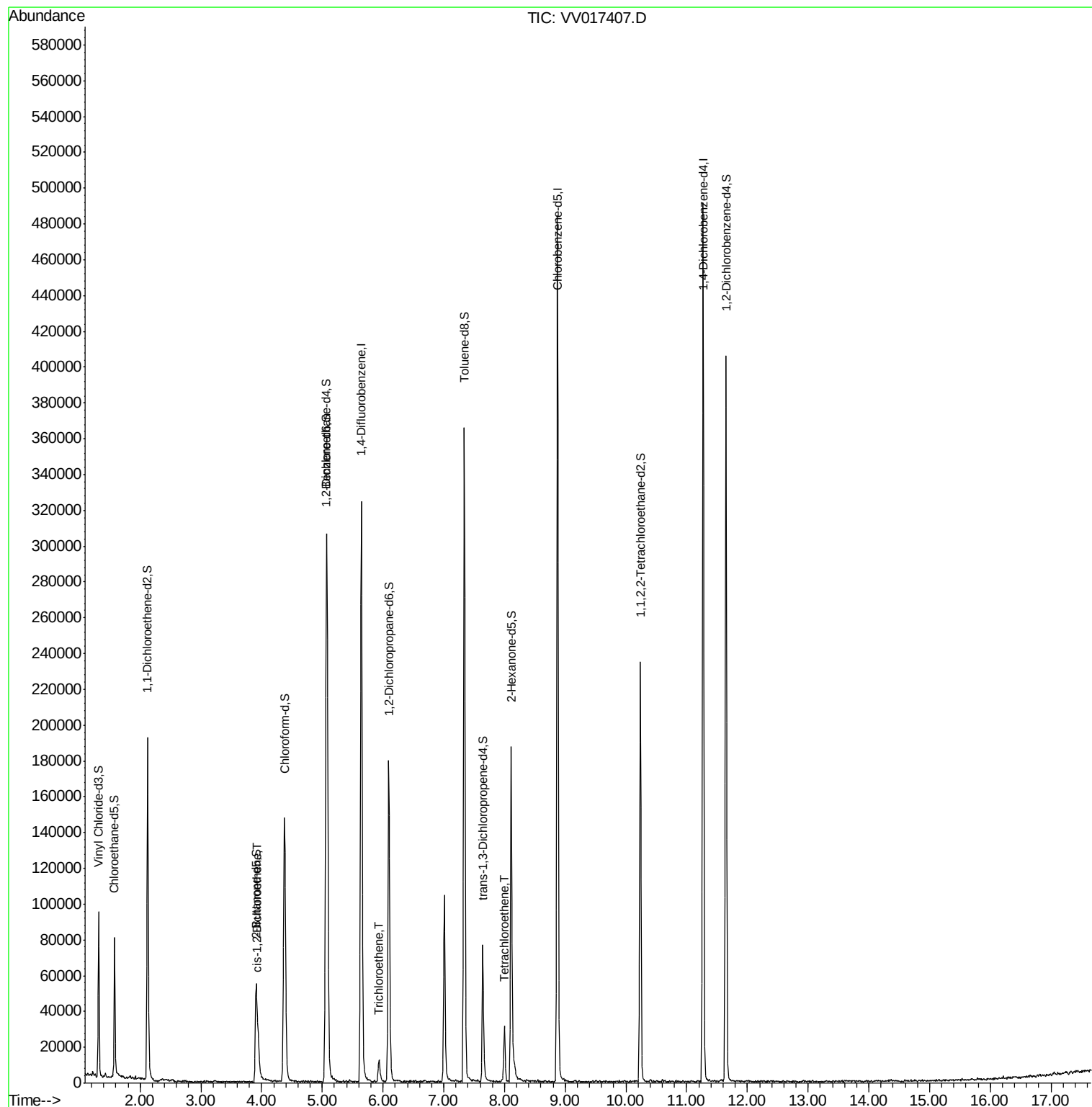
Target Compounds					Ovalue
20) cis-1,2-Dichloroethene	3.94	96	6015	3.233 ug/L	97
34) Trichloroethene	5.94	95	1256	0.638 ug/L	84
46) Tetrachloroethene	8.00	164	7193	4.353 ug/L	94

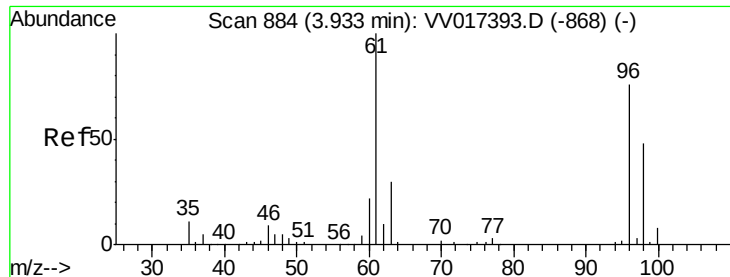
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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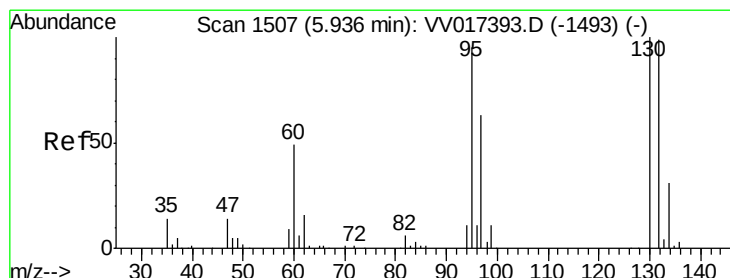
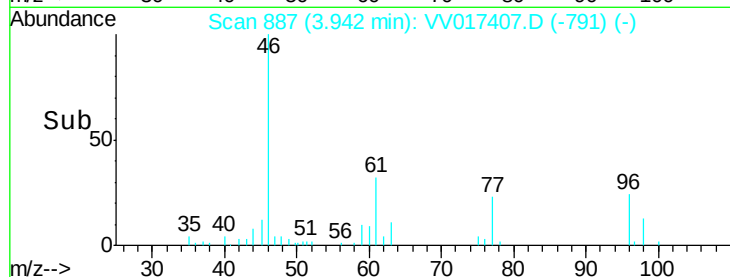
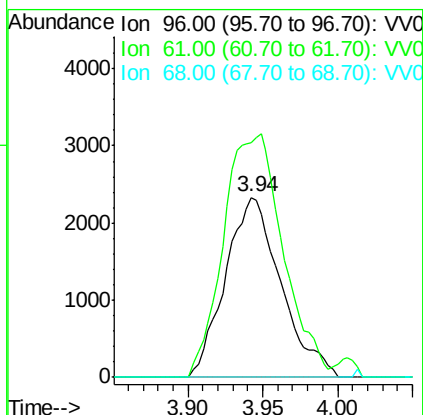
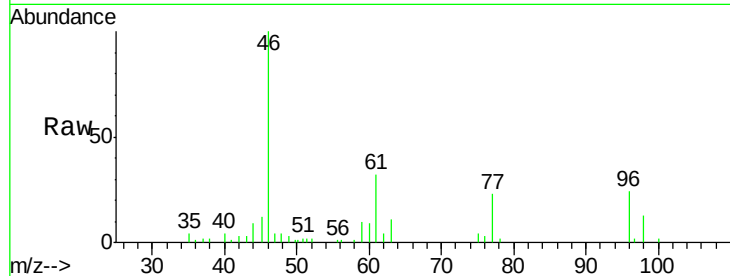




#20
 cis-1,2-Dichloroethene
 Concen: 3.233 ug/L
 RT: 3.94 min Scan# 887
 Delta R.T. 0.01 min
 Lab File: VV017407.D
 Acq: 09 Jul 2020 18:45

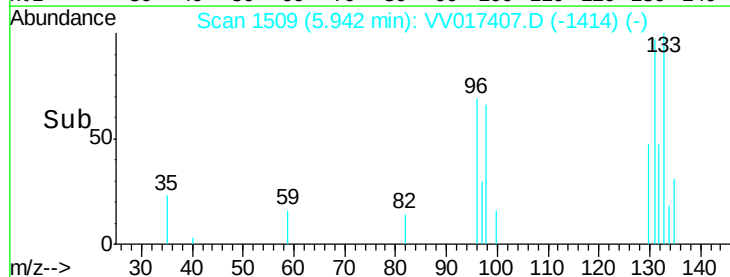
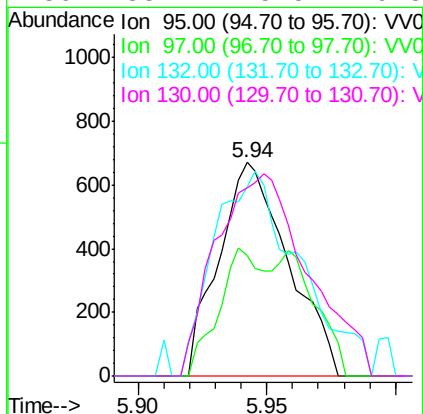
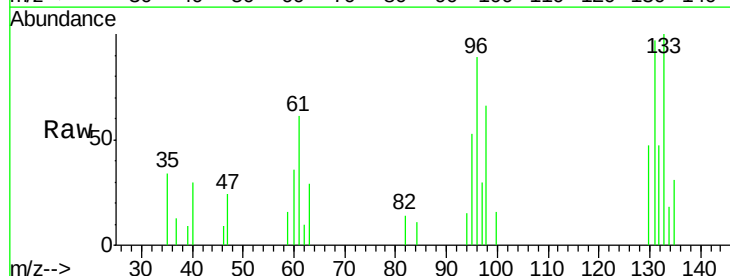
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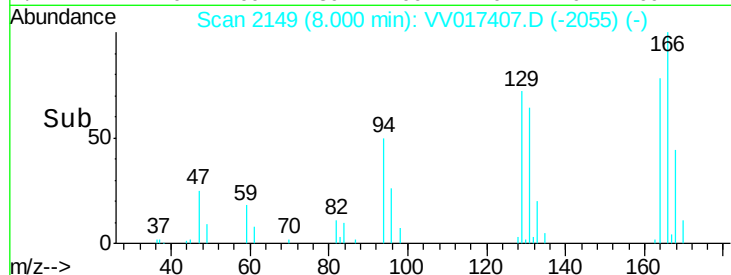
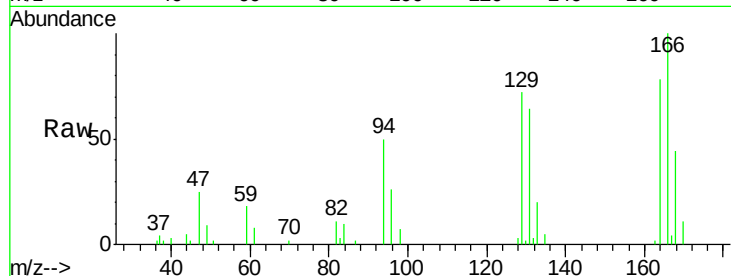
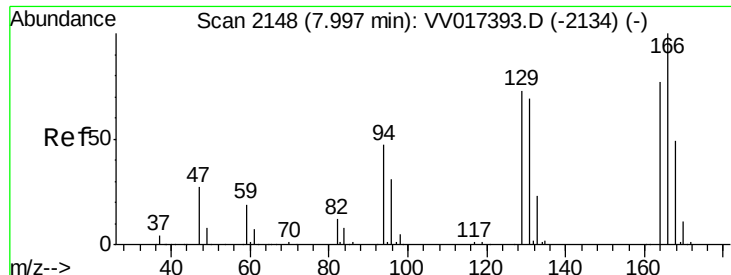
Tot Ion: 96 Resp: 6015
 Ion Ratio Lower Upper
 96 100
 61 130.1 88.9 165.1
 68 0.0 0.0 0.0



#34
 Trichloroethene
 Concen: 0.638 ug/L
 RT: 5.94 min Scan# 1509
 Delta R.T. 0.01 min
 Lab File: VV017407.D
 Acq: 09 Jul 2020 18:45

Tgt Ion: 95 Resp: 1256
 Ion Ratio Lower Upper
 95 100
 97 56.5 45.6 84.6
 132 88.5 74.1 137.5
 130 88.4 75.5 140.3





#46

Tetrachloroethene

Concen: 4.353 ug/L

RT: 8.00 min Scan# 2149

Delta R.T. 0.00 min

Lab File: VV017407.D

Acq: 09 Jul 2020 18:45

Instrument :

MSVOA_V

ClientSampleId :

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Tot Ion:164 Resp: 7193

Ion Ratio Lower Upper

164 100

129 92.6 66.6 123.8

131 81.9 65.5 121.7

166 128.6 93.9 174.5

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

