

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100120\
 Data File : VV018599.D
 Acq On : 01 Oct 2020 19:37
 Operator : SY/MD
 Sample : L4237-01
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E0AB6

Quant Time: Oct 02 04:41:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 02 04:18:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	233178	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	227814	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	112694	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	94216	68.89	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	137.78%#
7) Chloroethane-d5	1.58	69	85629	75.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	151.46%#
11) 1,1-Dichloroethene-d2	2.12	63	156301	56.09	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	112.18%
21) 2-Butanone-d5	3.91	46	112813	110.59	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	110.59%
24) Chloroform-d	4.38	84	181085	61.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	122.48%
26) 1,2-Dichloroethane-d4	5.06	65	123225	65.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	131.28%#
32) Benzene-d6	5.08	84	366697	63.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	127.10%#
36) 1,2-Dichloropropane-d6	6.09	67	110009	63.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	126.18%#
41) Toluene-d8	7.34	98	327818	60.39	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	120.78%#
43) trans-1,3-Dichloropropene-	7.64	79	54719	58.10	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	116.20%
47) 2-Hexanone-d5	8.11	63	63333	95.63	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.63%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	125760	54.41	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	108.82%
64) 1,2-Dichlorobenzene-d4	11.65	152	140662	64.90	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	129.80%#

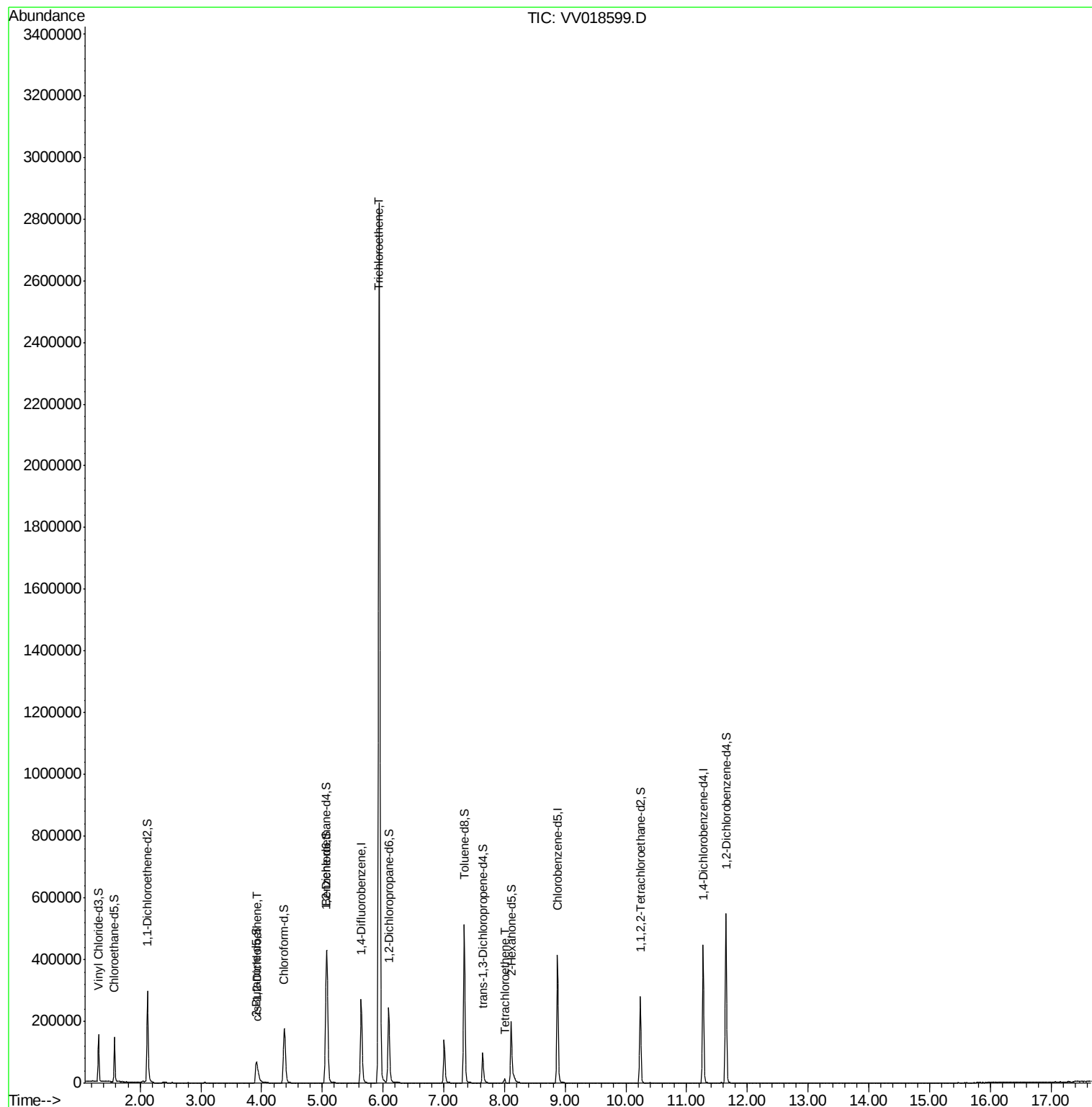
Target Compounds					Ovalue
20) cis-1,2-Dichloroethene	3.94	96	6651	3.757 ug/L	98
34) Trichloroethene	5.94	95	950863	489.366 ug/L	98
46) Tetrachloroethene	8.00	164	3073	1.949 ug/L	94

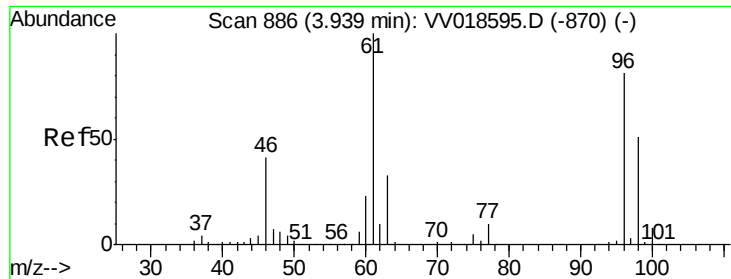
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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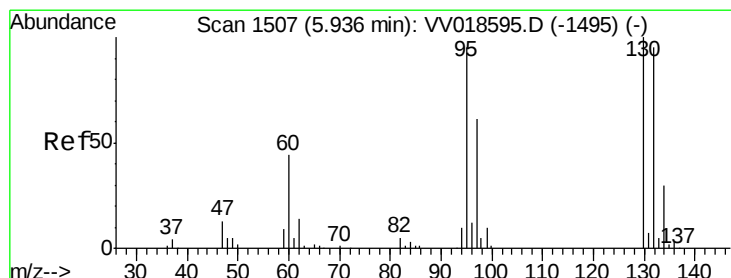
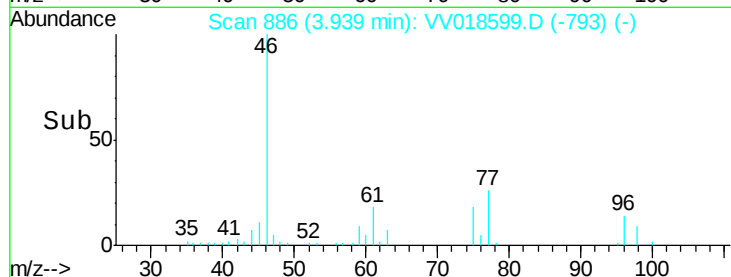
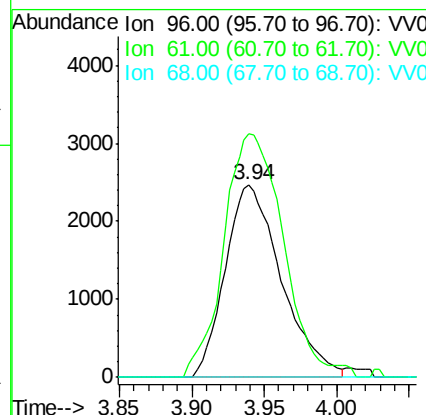
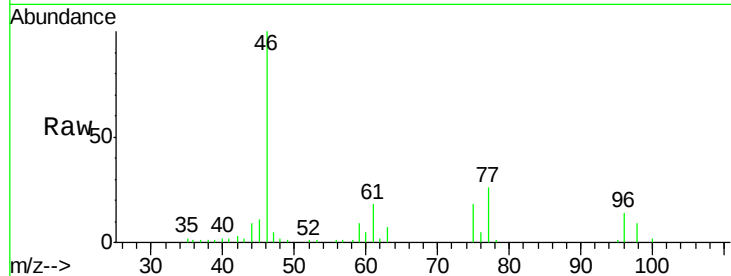




#20
cis-1,2-Dichloroethene
Concen: 3.757 ug/L
RT: 3.94 min Scan# 886
Delta R.T. 0.00 min
Lab File: VV018599.D
Acq: 01 Oct 2020 19:37

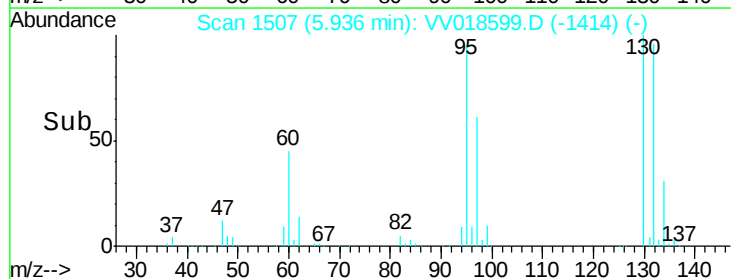
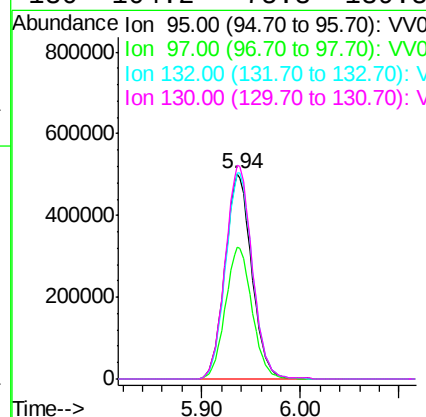
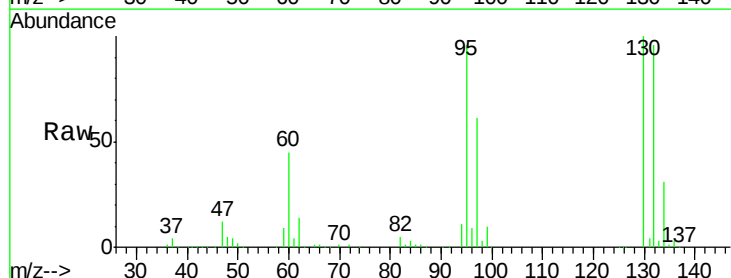
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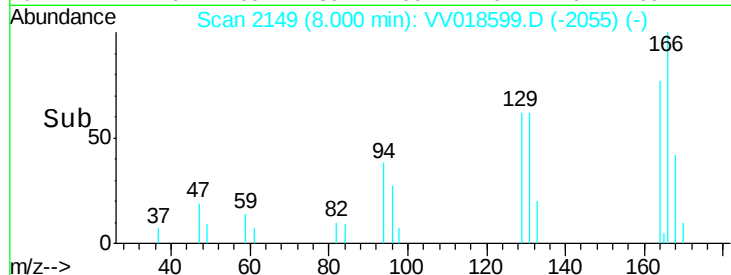
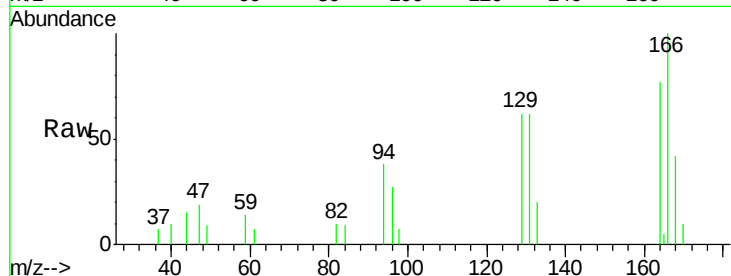
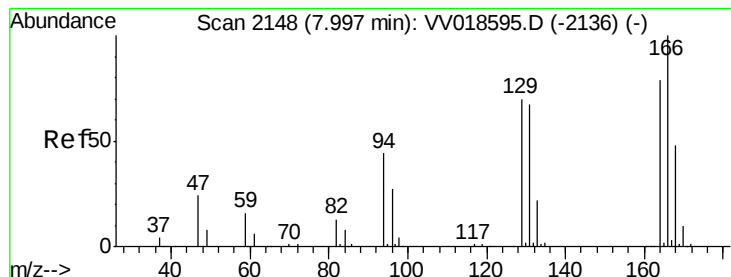
Tot Ion: 96 Resp: 6651
Ion Ratio Lower Upper
96 100
61 126.4 86.8 161.2
68 0.0 0.0 0.0



#34
Trichloroethene
Concen: 489.366 ug/L
RT: 5.94 min Scan# 1507
Delta R.T. 0.00 min
Lab File: VV018599.D
Acq: 01 Oct 2020 19:37

Tgt Ion: 95 Resp: 950863
Ion Ratio Lower Upper
95 100
97 64.1 45.9 85.3
132 100.5 70.8 131.4
130 104.2 75.3 139.8





#46

Tetrachloroethene

Concen: 1.949 ug/L

RT: 8.00 min Scan# 2149

Delta R.T. 0.00 min

Lab File: VV018599.D

Acq: 01 Oct 2020 19:37

Instrument :

MSVOA_V

ClientSampleId :

E0AB6

Tot Ion:164 Resp: 3073

Ion Ratio Lower Upper

164 100

129 80.5 62.8 116.6

131 79.7 60.8 112.8

166 129.5 88.9 165.1

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

