

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV031619\
 Data File : VV009693.D
 Acq On : 15 Mar 2019 18:16
 Operator : SY/MD
 Sample : K1939-10
 Misc : 5.41g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BF0T3

Quant Time: Mar 16 03:44:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM031219WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 16 02:32:06 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	148900	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	150013	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	64754	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	35171	39.91	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.82%
7) Chloroethane-d5	1.55	69	21579	23.53	ug/L	-0.03
Spiked Amount	50.000	Range	70 - 130	Recovery	=	47.06%#
11) 1,1-Dichloroethene-d2	2.10	63	80797	34.75	ug/L	-0.03
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.50%
21) 2-Butanone-d5	3.95	46	66617	102.29	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.29%
24) Chloroform-d	4.40	84	87603	45.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.02%
26) 1,2-Dichloroethane-d4	5.08	65	61262	48.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.20%
32) Benzene-d6	5.09	84	181791	46.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.20%
36) 1,2-Dichloropropane-d6	6.12	67	56426	48.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.76%
41) Toluene-d8	7.36	98	170709	44.92	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.84%
43) trans-1,3-Dichloropropene-	7.67	79	26130	43.37	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.74%
47) 2-Hexanone-d5	8.14	63	54983	107.78	ug/L	0.01
Spiked Amount	100.000	Range	45 - 130	Recovery	=	107.78%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	91882	49.04	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.08%
64) 1,2-Dichlorobenzene-d4	11.68	152	65084	47.64	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.28%

Target Compounds

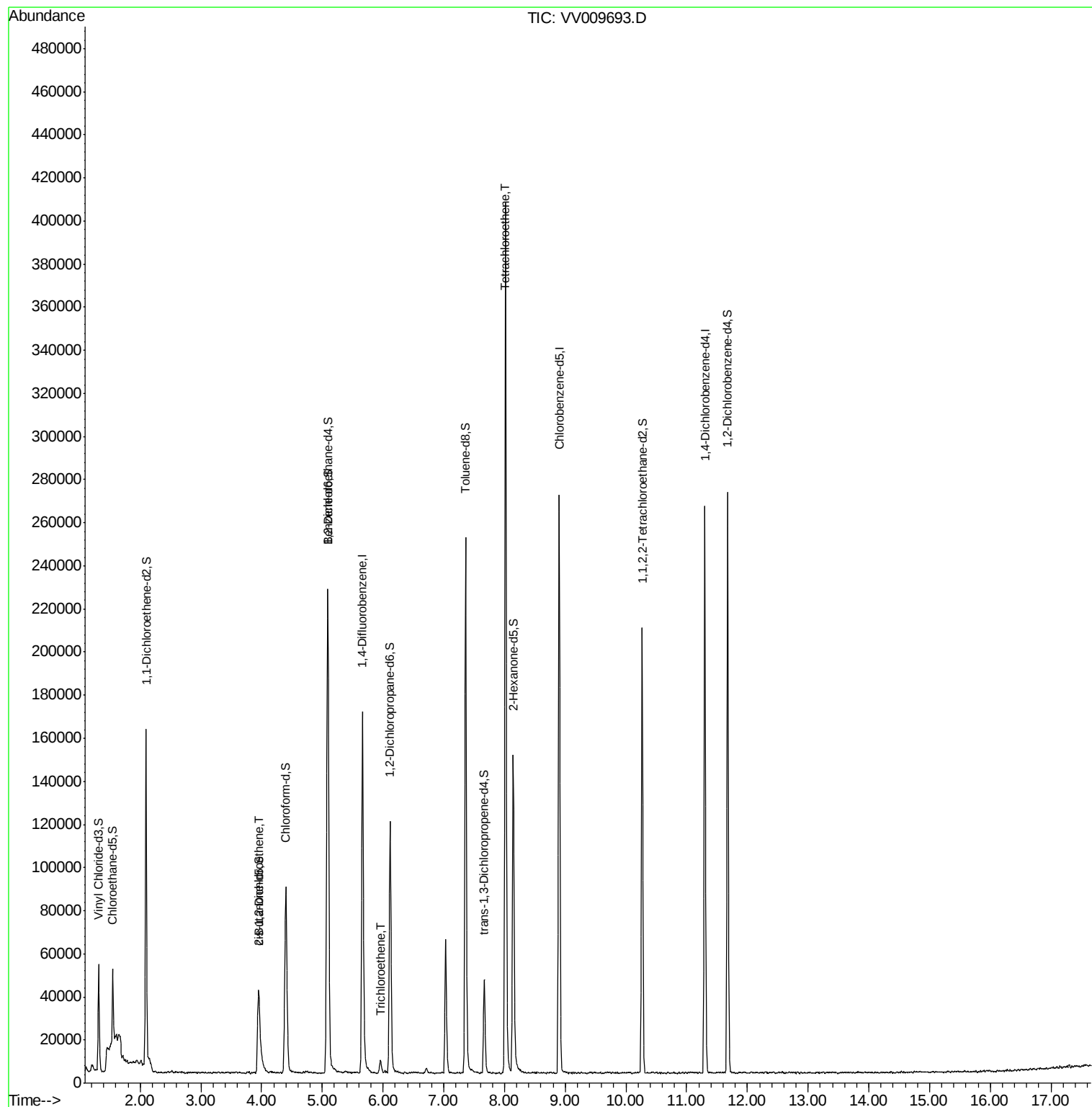
					Ovalue
20) cis-1,2-Dichloroethene	3.96	96	3987	3.897 ug/L	85
34) Trichloroethene	5.96	95	1886	1.877 ug/L	86
46) Tetrachloroethene	8.02	164	83942	106.252 ug/L	97

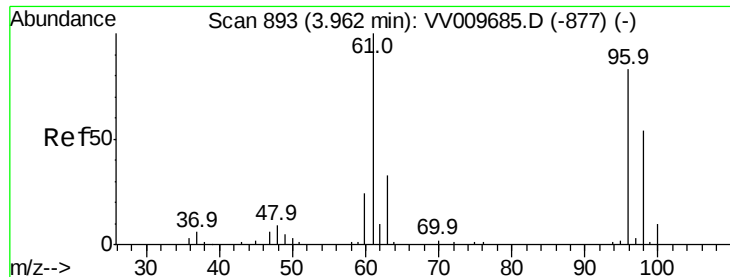
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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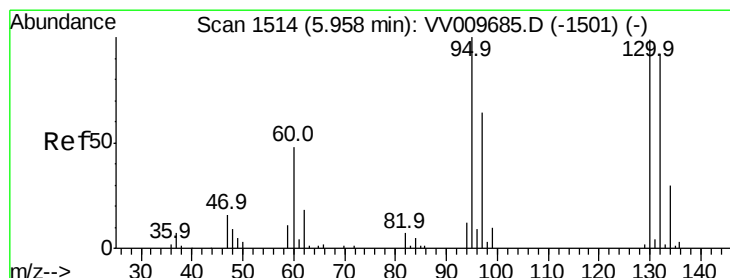
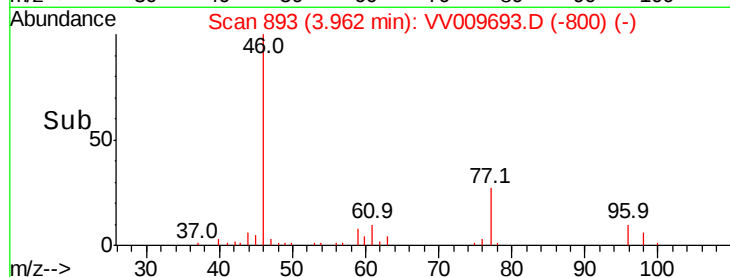
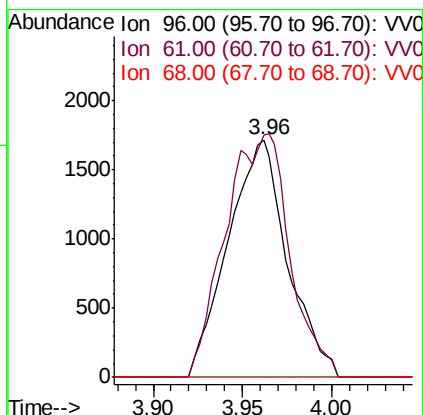
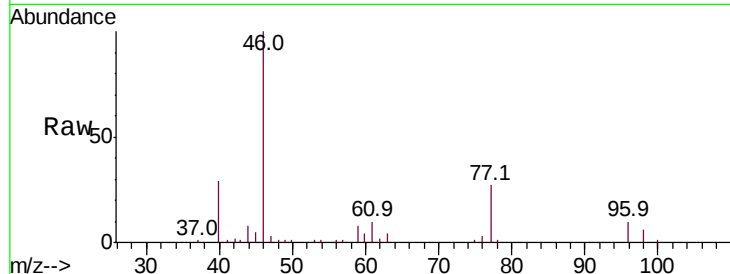




#20
 cis-1,2-Dichloroethene
 Concen: 3.897 ug/L
 RT: 3.96 min Scan# 893
 Delta R.T. -0.00 min
 Lab File: VV009693.D
 Acq: 15 Mar 2019 18:16

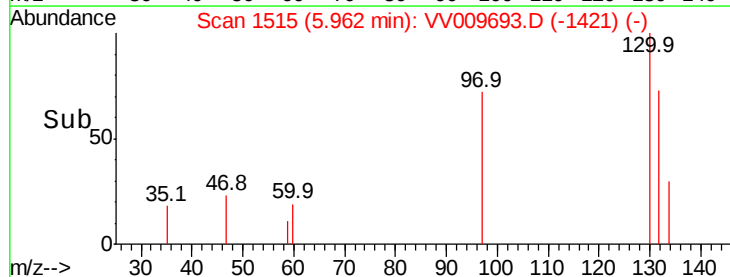
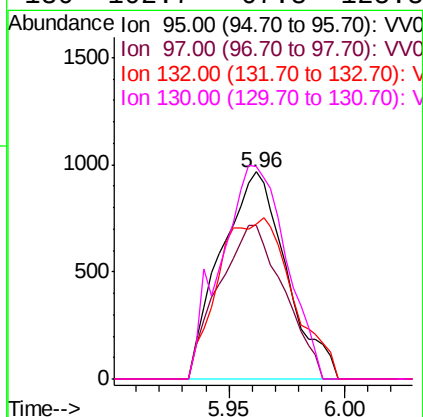
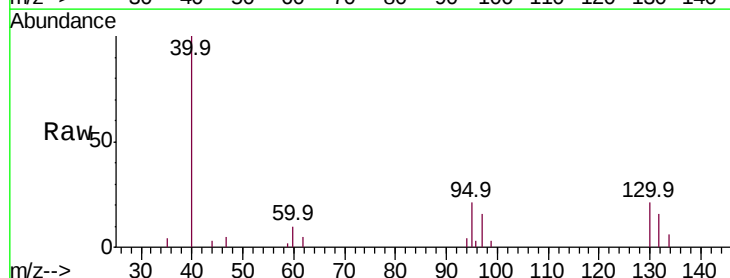
Instrument :
 MSVOA_V
 ClientSampleId :
 BF0T3

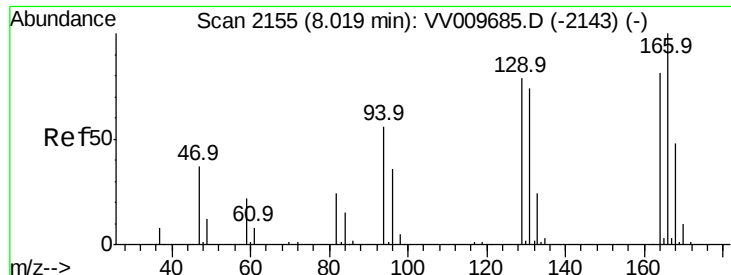
Tot Ion: 96 Resp: 3987
 Ion Ratio Lower Upper
 96 100
 61 101.7 82.4 153.0
 68 0.0 0.0 0.0



#34
 Trichloroethene
 Concen: 1.877 ug/L
 RT: 5.96 min Scan# 1515
 Delta R.T. 0.00 min
 Lab File: VV009693.D
 Acq: 15 Mar 2019 18:16

Tgt Ion: 95 Resp: 1886
 Ion Ratio Lower Upper
 95 100
 97 74.4 44.2 82.2
 132 74.5 66.5 123.5
 130 102.7 67.8 125.8





#46

Tetrachloroethene

Concen: 106.252 ug/L

RT: 8.02 min Scan# 2155

Delta R.T. -0.00 min

Lab File: VV009693.D

Acq: 15 Mar 2019 18:16

Instrument :
MSVOA_V
ClientSampleId :
BF0T3

Tot Ion:164 Resp: 83942

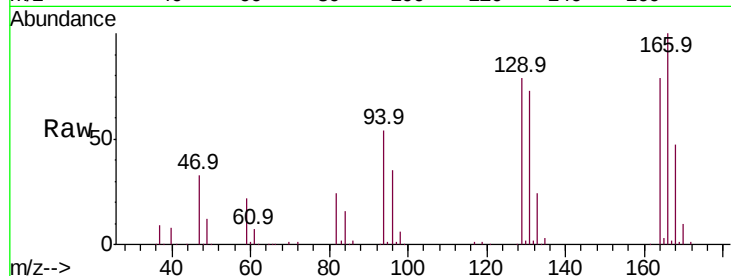
Ion Ratio Lower Upper

164 100

129 99.7 70.8 131.6

131 92.0 68.3 126.9

166 126.5 89.5 166.3



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

