

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV031619\
 Data File : VV009716.D
 Acq On : 16 Mar 2019 04:06
 Operator : SY/MD
 Sample : K1936-03
 Misc : 5.71g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BF0W0

Quant Time: Mar 16 05:41:46 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	183844	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	184298	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	85487	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	39609	36.40	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	72.80%
7) Chloroethane-d5	1.55	69	22020	19.44	ug/L	-0.03
Spiked Amount	50.000	Range	70 - 130	Recovery	=	38.88%#
11) 1,1-Dichloroethene-d2	2.10	63	86016	29.97	ug/L	-0.03
Spiked Amount	50.000	Range	60 - 125	Recovery	=	59.94%#
21) 2-Butanone-d5	3.95	46	71816	89.31	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	89.31%
24) Chloroform-d	4.40	84	95202	40.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.10%
26) 1,2-Dichloroethane-d4	5.08	65	66056	42.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.00%
32) Benzene-d6	5.09	84	201656	42.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.16%
36) 1,2-Dichloropropane-d6	6.12	67	61412	42.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	85.72%
41) Toluene-d8	7.36	98	191378	40.99	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	81.98%
43) trans-1,3-Dichloropropene-	7.67	79	28565	38.60	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.20%
47) 2-Hexanone-d5	8.14	63	60030	95.78	ug/L	0.01
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.78%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	103176	44.82	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.64%
64) 1,2-Dichlorobenzene-d4	11.68	152	80985	44.91	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.82%

Target Compounds

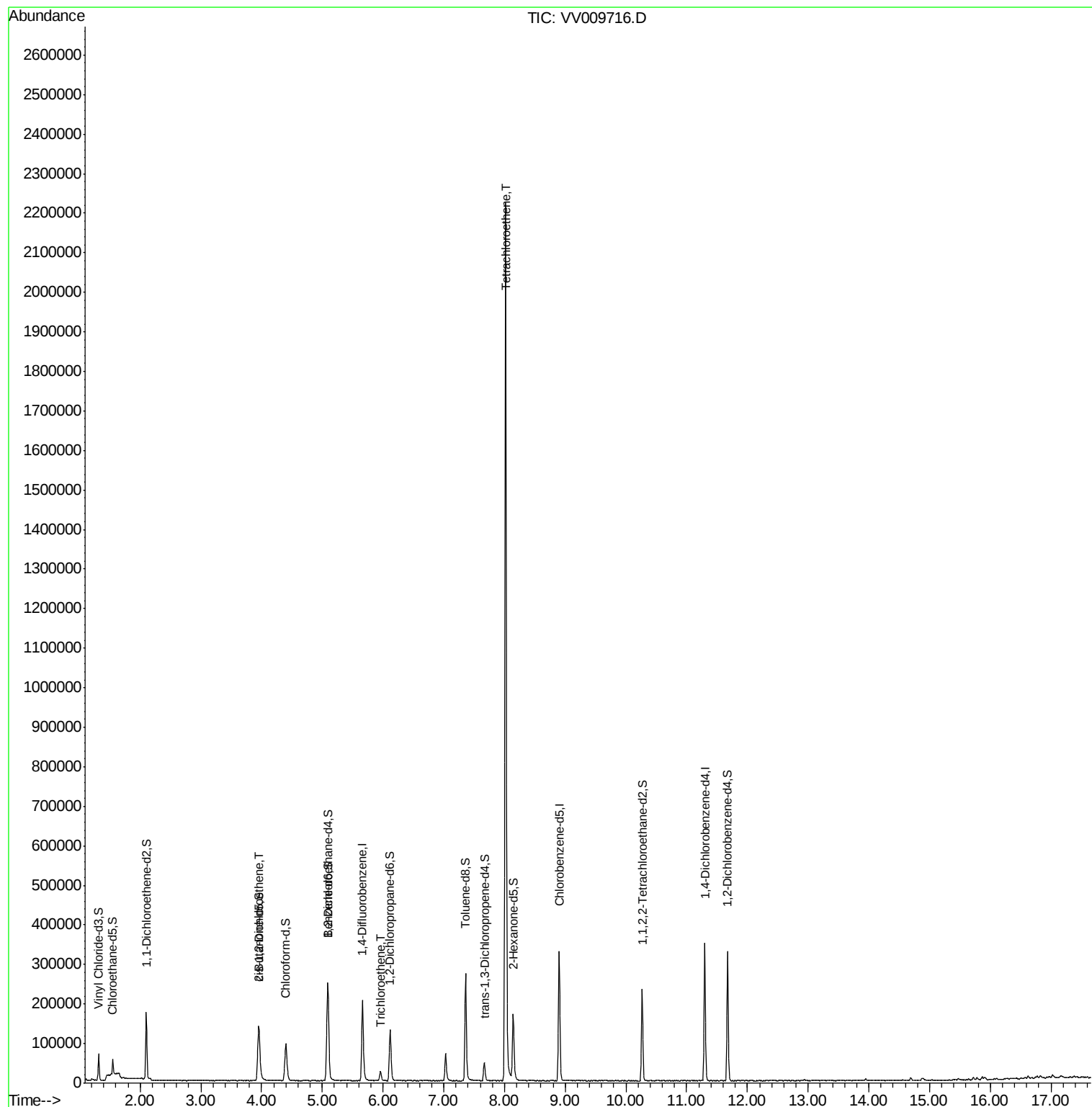
					Ovalue
20) cis-1,2-Dichloroethene	3.96	96	61760	48.891	ug/L 100
34) Trichloroethene	5.96	95	8154	6.605	ug/L 96
46) Tetrachloroethene	8.02	164	457185	471.042	ug/L 98

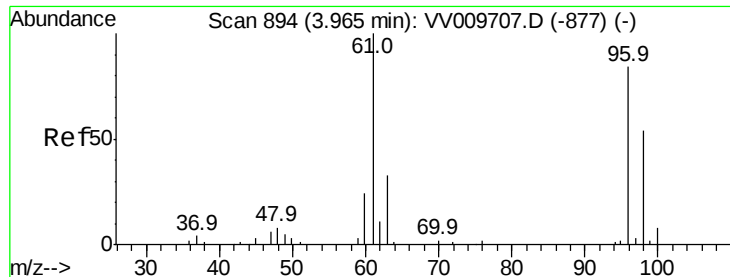
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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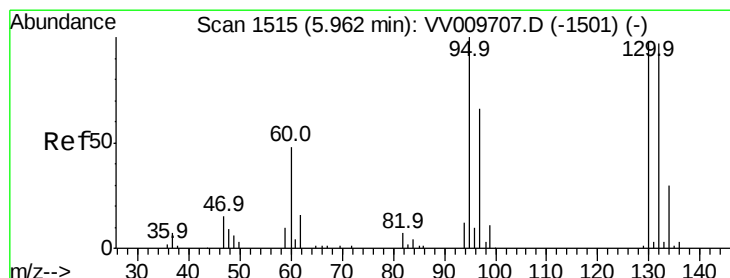
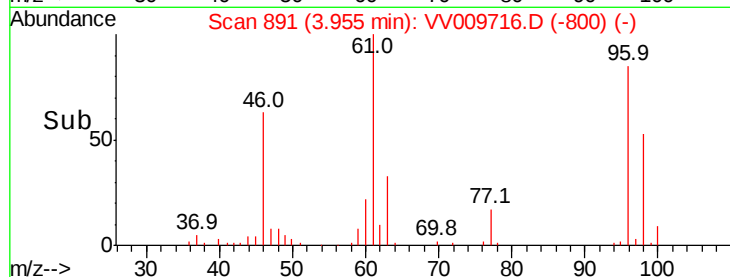
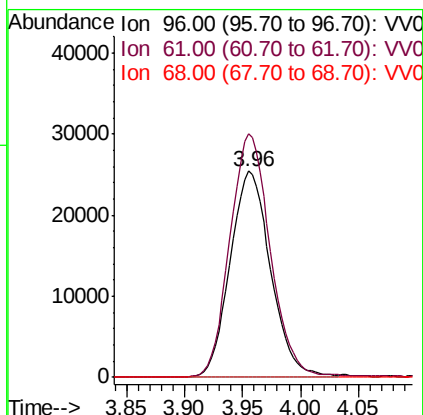
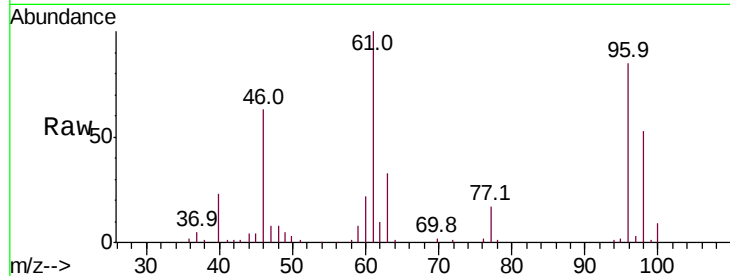




#20
 cis-1,2-Dichloroethene
 Concen: 48.891 ug/L
 RT: 3.96 min Scan# 891
 Delta R.T. -0.01 min
 Lab File: VV009716.D
 Acq: 16 Mar 2019 04:06

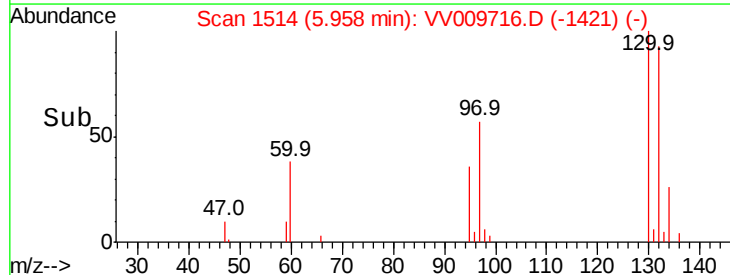
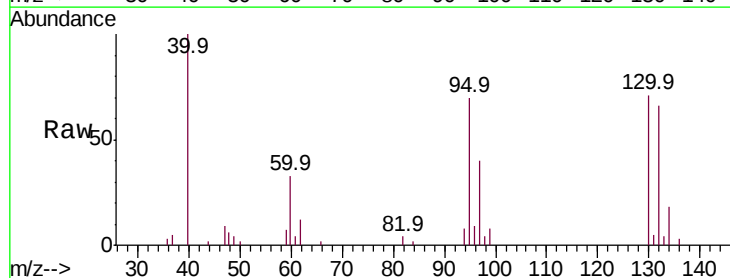
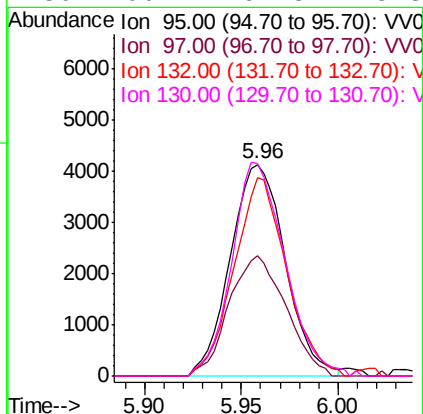
Instrument :
 MSVOA_V
 ClientSampleId :
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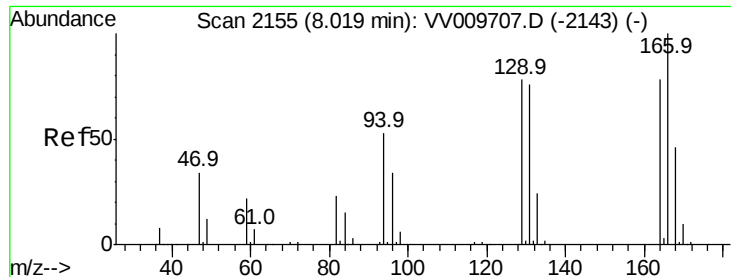
Tot Ion: 96 Resp: 61760
 Ion Ratio Lower Upper
 96 100
 61 118.1 82.4 153.0
 68 0.0 0.0 0.0



#34
 Trichloroethene
 Concen: 6.605 ug/L
 RT: 5.96 min Scan# 1514
 Delta R.T. -0.00 min
 Lab File: VV009716.D
 Acq: 16 Mar 2019 04:06

Tgt Ion: 95 Resp: 8154
 Ion Ratio Lower Upper
 95 100
 97 56.7 44.2 82.2
 132 93.6 66.5 123.5
 130 100.4 67.8 125.8





#46

Tetrachloroethene

Concen: 471.042 ug/L

RT: 8.02 min Scan# 2155

Delta R.T. -0.00 min

Lab File: VV009716.D

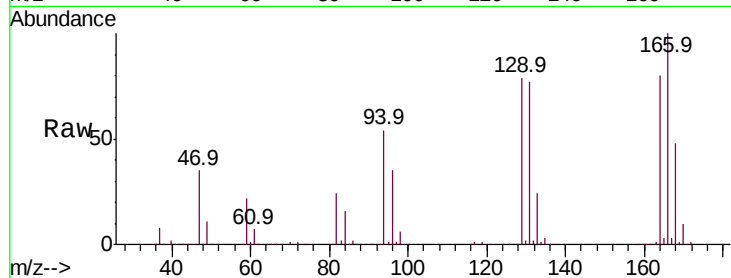
Acq: 16 Mar 2019 04:06

Instrument :

MSVOA_V

ClientSampleId :

BF0W0



Tot Ion:164 Resp: 457185

Ion Ratio Lower Upper

164 100

129 99.7 70.8 131.6

131 96.7 68.3 126.9

166 125.6 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

