

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV031619\
 Data File : VV009709.D
 Acq On : 16 Mar 2019 01:14
 Operator : SY/MD
 Sample : K1936-05
 Misc : 5.84g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFW02

Quant Time: Mar 16 05:23:37 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	158924	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	157358	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	69549	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	32720	34.79	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	69.58%
7) Chloroethane-d5	1.55	69	22137	22.61	ug/L	-0.03
Spiked Amount	50.000	Range	70 - 130	Recovery	=	45.22%#
11) 1,1-Dichloroethene-d2	2.10	63	74457	30.01	ug/L	-0.03
Spiked Amount	50.000	Range	60 - 125	Recovery	=	60.02%
21) 2-Butanone-d5	3.95	46	65280	93.92	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.92%
24) Chloroform-d	4.40	84	84437	41.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.20%
26) 1,2-Dichloroethane-d4	5.08	65	61170	44.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.98%
32) Benzene-d6	5.09	84	174038	42.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.06%
36) 1,2-Dichloropropane-d6	6.12	67	53486	43.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.44%
41) Toluene-d8	7.36	98	168722	42.33	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.66%
43) trans-1,3-Dichloropropene-	7.67	79	24205	38.30	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.60%
47) 2-Hexanone-d5	8.14	63	53853	100.64	ug/L	0.01
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.64%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	91054	46.33	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.66%
64) 1,2-Dichlorobenzene-d4	11.68	152	65704	44.78	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.56%

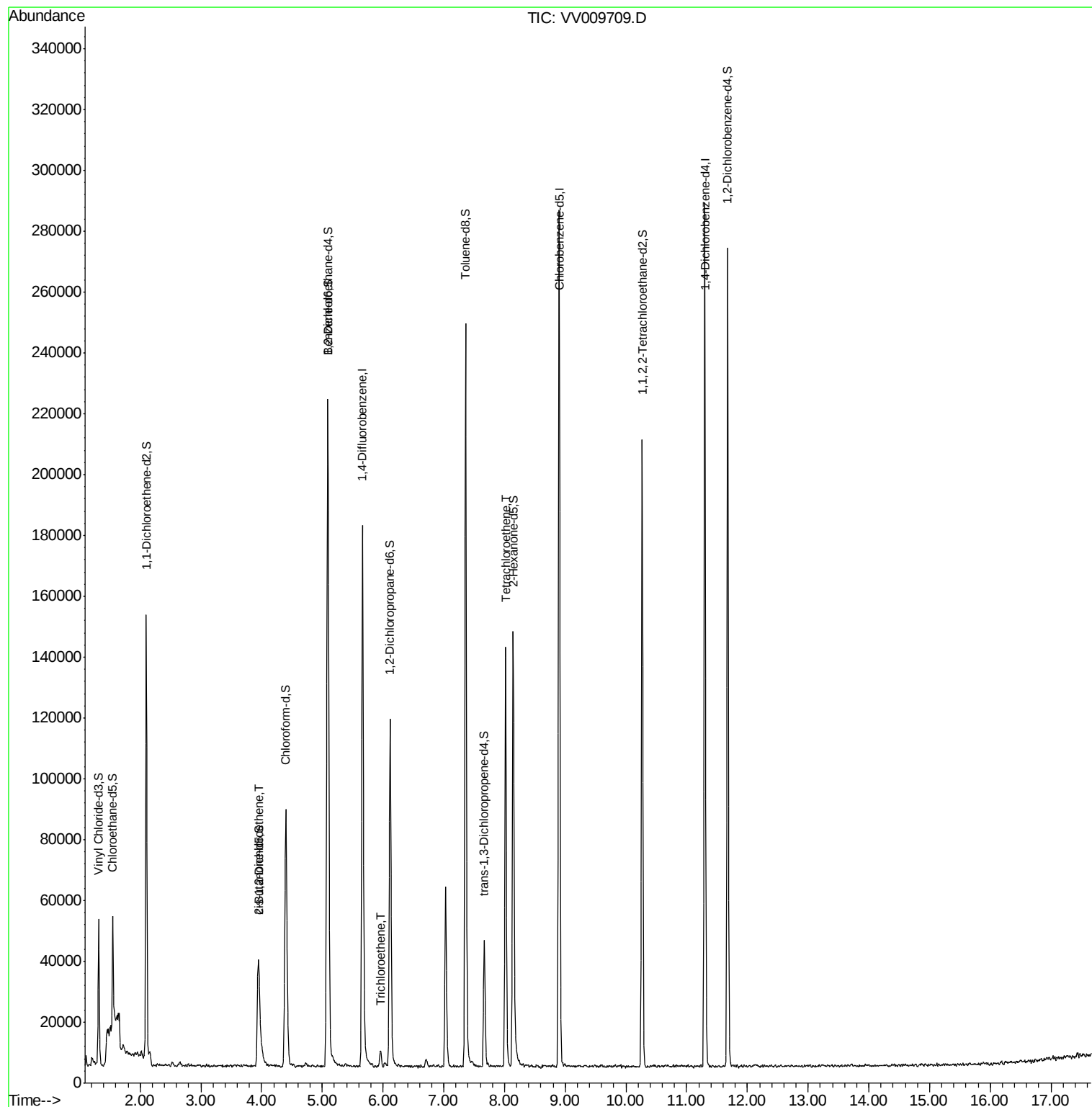
Target Compounds					Ovalue
20) cis-1,2-Dichloroethene	3.96	96	2454	2.247 ug/L	70
34) Trichloroethene	5.96	95	1590	1.508 ug/L	86
46) Tetrachloroethene	8.02	164	28760	34.705 ug/L	98

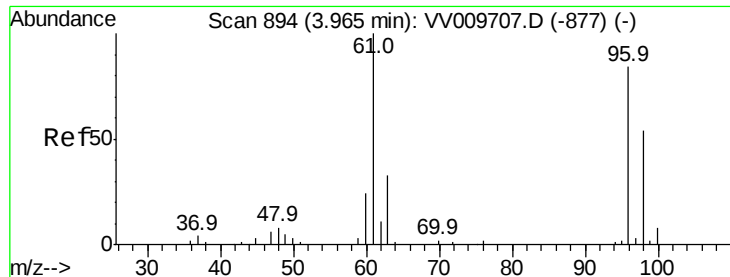
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BF0W2

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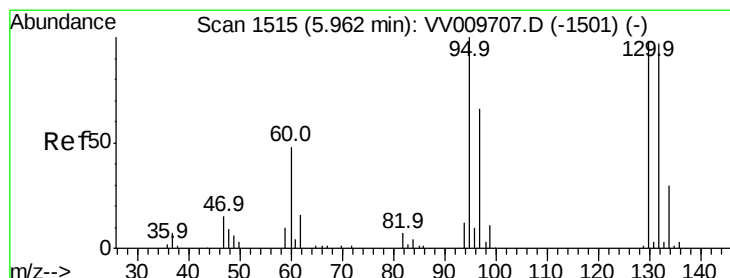
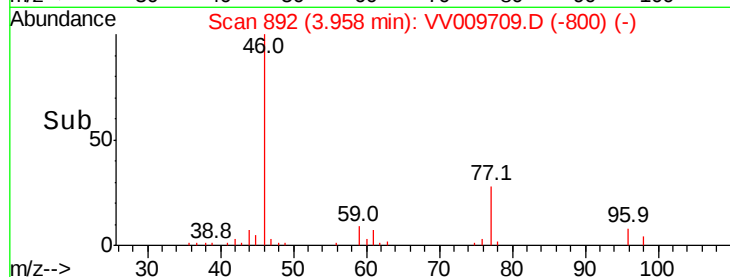
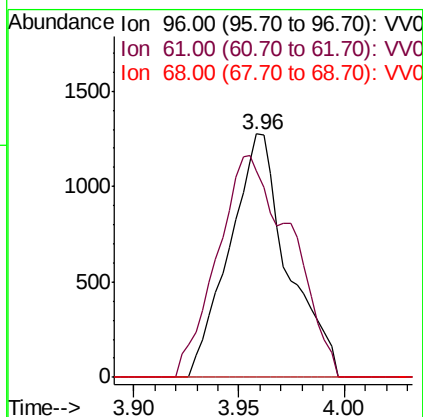
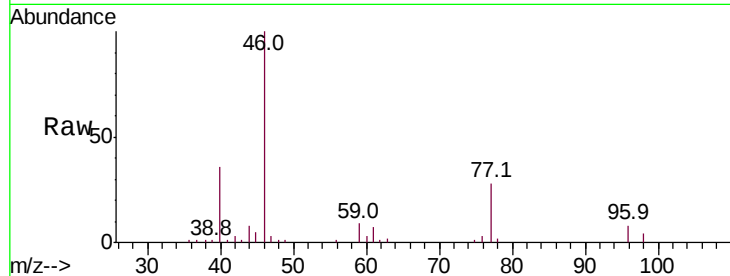




#20
 cis-1,2-Dichloroethene
 Concen: 2.247 ug/L
 RT: 3.96 min Scan# 892
 Delta R.T. -0.00 min
 Lab File: VV009709.D
 Acq: 16 Mar 2019 01:14

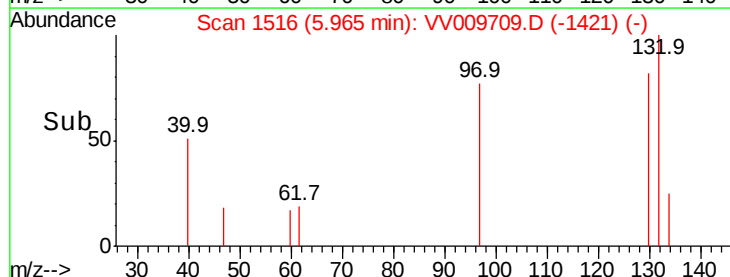
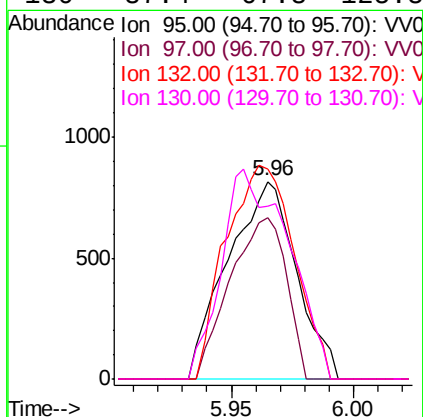
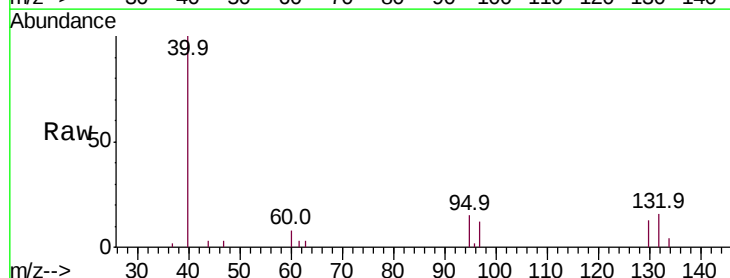
Instrument :
 MSVOA_V
 ClientSampleId :
 BF0W2

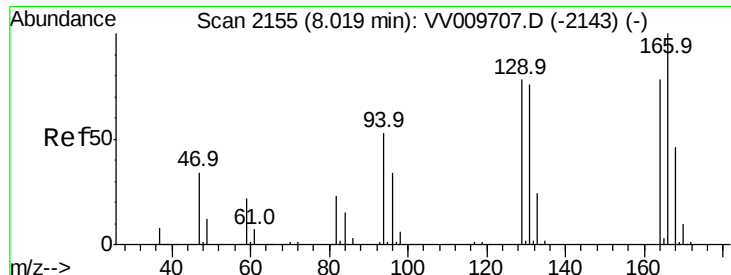
Tot Ion: 96 Resp: 2454
 Ion Ratio Lower Upper
 96 100
 61 84.9 82.4 153.0
 68 0.0 0.0 0.0



#34
 Trichloroethene
 Concen: 1.508 ug/L
 RT: 5.96 min Scan# 1516
 Delta R.T. 0.01 min
 Lab File: VV009709.D
 Acq: 16 Mar 2019 01:14

Tgt Ion: 95 Resp: 1590
 Ion Ratio Lower Upper
 95 100
 97 81.6 44.2 82.2
 132 106.6 66.5 123.5
 130 87.4 67.8 125.8





#46

Tetrachloroethene

Concen: 34.705 ug/L

RT: 8.02 min Scan# 2155

Delta R.T. -0.00 min

Lab File: VV009709.D

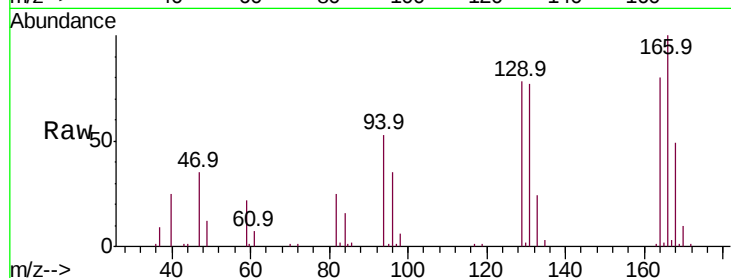
Acq: 16 Mar 2019 01:14

Instrument :

MSVOA_V

ClientSampleId :

BF0W2



Tot Ion:164 Resp: 28760

Ion Ratio Lower Upper

164 100

129 98.3 70.8 131.6

131 96.9 68.3 126.9

166 125.5 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

