

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV031719\
 Data File : VV009738.D
 Acq On : 16 Mar 2019 19:16
 Operator : SY/MD
 Sample : K1949-04
 Misc : 5.09G/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BF1J5

Quant Time: Mar 18 08:07:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM031719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Mar 18 07:41:44 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	152533	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	145441	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	58714	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	45145	43.90	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.80%
7) Chloroethane-d5	1.55	69	22414	29.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	59.08%#
11) 1,1-Dichloroethene-d2	2.10	63	78551	35.87	ug/L	-0.03
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.74%
21) 2-Butanone-d5	3.95	46	53782	87.79	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	87.79%
24) Chloroform-d	4.40	84	83846	44.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.76%
26) 1,2-Dichloroethane-d4	5.08	65	54595	47.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.22%
32) Benzene-d6	5.09	84	186587	49.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.18%
36) 1,2-Dichloropropane-d6	6.12	67	55838	48.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.52%
41) Toluene-d8	7.36	98	174089	47.61	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.22%
43) trans-1,3-Dichloropropene-	7.67	79	26067	47.64	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.28%
47) 2-Hexanone-d5	8.15	63	48636	103.27	ug/L	0.01
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.27%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	80210	45.70	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.40%
64) 1,2-Dichlorobenzene-d4	11.68	152	60134	50.61	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.22%

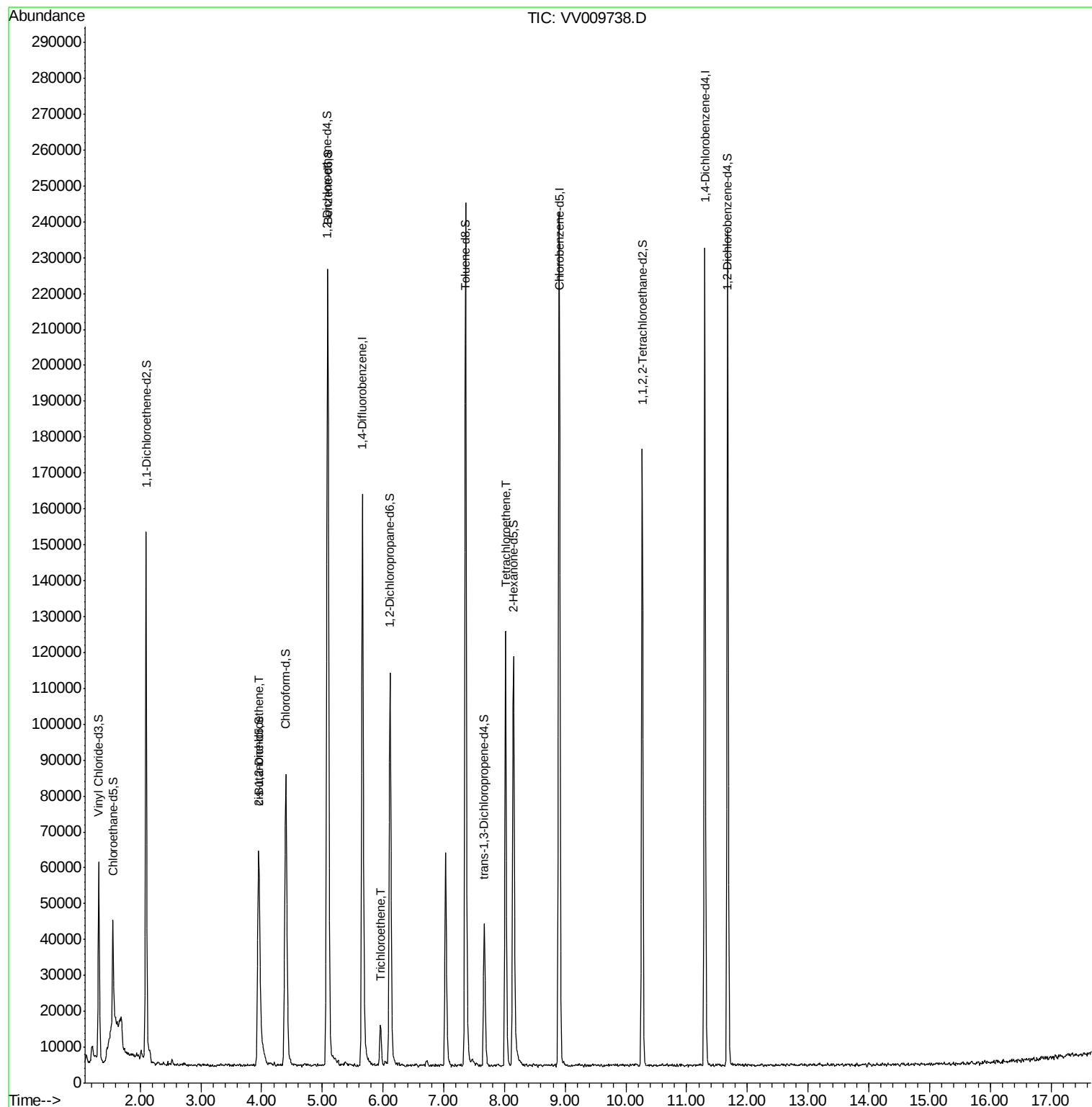
Target Compounds					Ovalue
20) cis-1,2-Dichloroethene	3.96	96	20016	17.950 ug/L	97
34) Trichloroethene	5.96	95	3551	3.432 ug/L	90
46) Tetrachloroethene	8.02	164	27160	31.445 ug/L	95

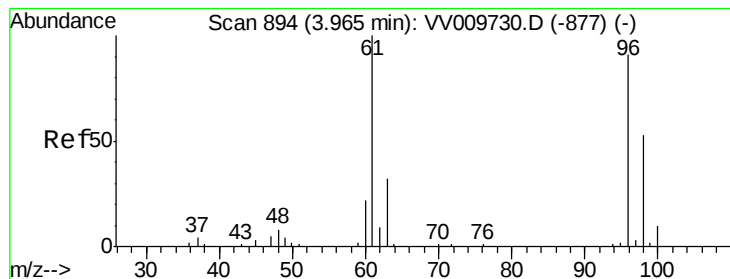
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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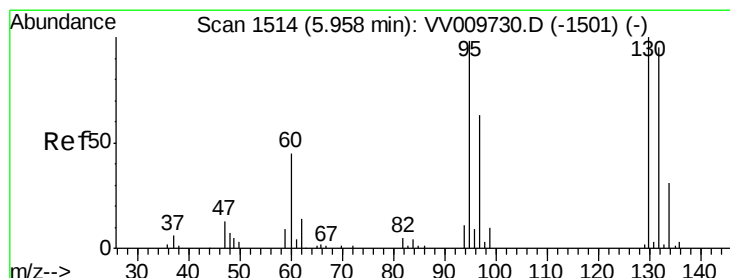
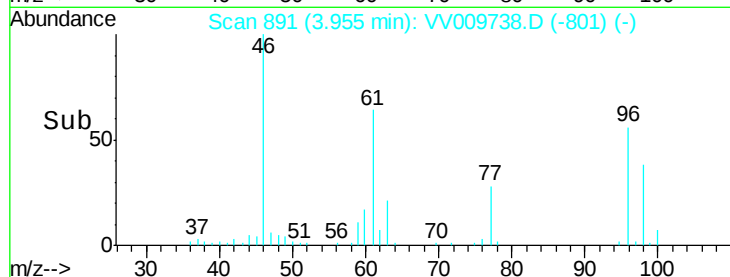
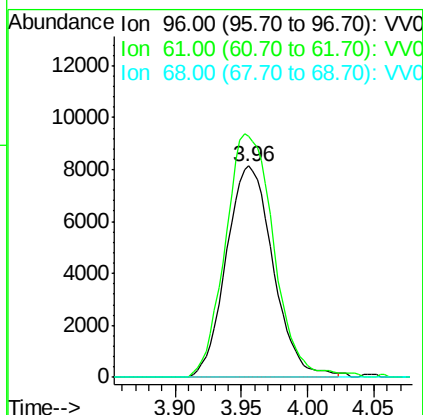
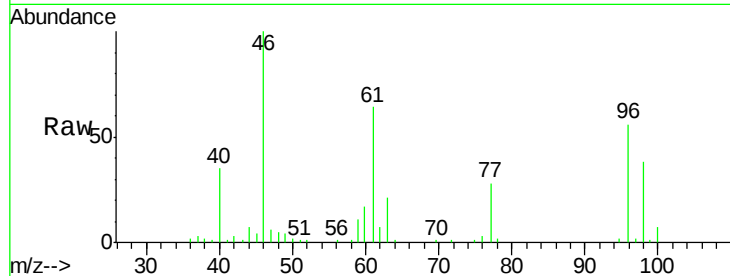


#20

cis-1,2-Dichloroethene
Concen: 17.950 ug/L
RT: 3.96 min Scan# 891
Delta R.T. -0.01 min
Lab File: VV009738.D
Acq: 16 Mar 2019 19:16

Instrument :
MSVOA_V
ClientSampled :
BF1J5

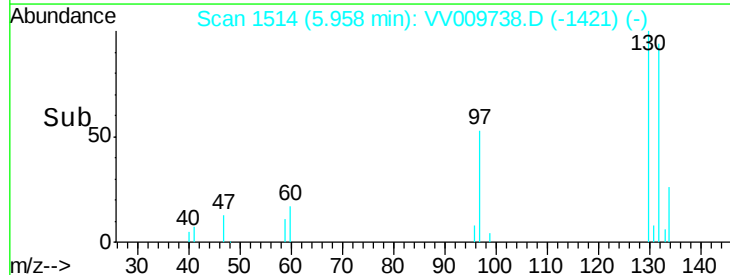
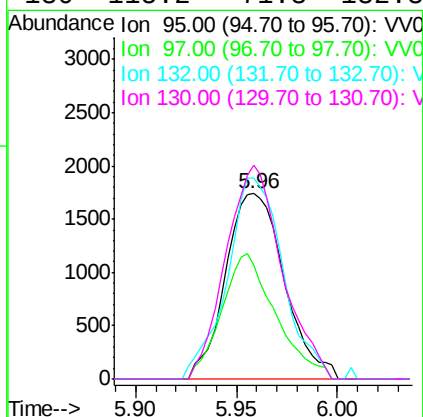
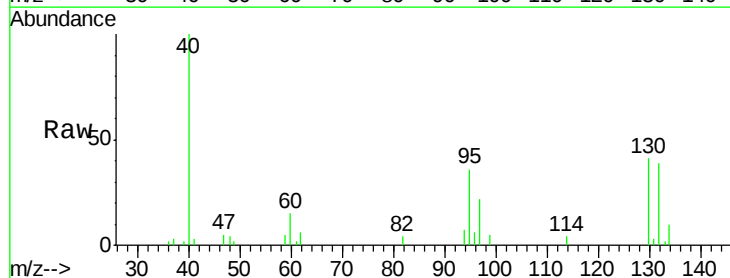
Tot Ion: 96 Resp: 20016
Ion Ratio Lower Upper
96 100
61 114.2 77.5 143.9
68 0.0 0.0 0.0

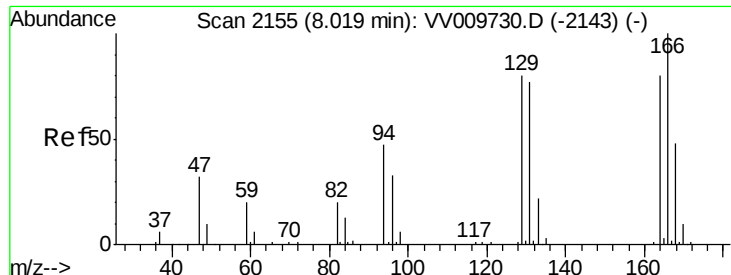


#34

Trichloroethene
Concen: 3.432 ug/L
RT: 5.96 min Scan# 1514
Delta R.T. 0.00 min
Lab File: VV009738.D
Acq: 16 Mar 2019 19:16

Tgt Ion: 95 Resp: 3551
Ion Ratio Lower Upper
95 100
97 61.5 45.1 83.9
132 108.6 68.0 126.2
130 115.2 71.3 132.3





#46

Tetrachloroethene

Concen: 31.445 ug/L

RT: 8.02 min Scan# 2154

Delta R.T. -0.00 min

Lab File: VV009738.D

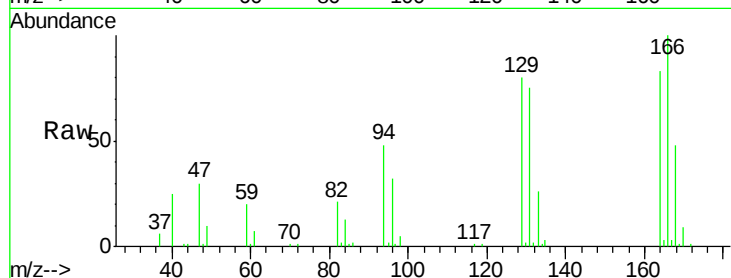
Acq: 16 Mar 2019 19:16

Instrument :

MSVOA_V

ClientSampleId :

BF1J5



Tot Ion:164 Resp: 27160

Ion Ratio Lower Upper

164 100

129 96.4 70.0 130.0

131 90.4 67.5 125.4

166 120.8 88.0 163.4

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

