

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV031619\
 Data File : VV009703.D
 Acq On : 15 Mar 2019 22:22
 Operator : SY/MD
 Sample : K1939-20ME
 Misc : 5.30g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BF0Y3ME

Manual Integrations
 APPROVED

MMDadoda
 3/18/2019 10:31:21 AM

Quant Time: Mar 16 04:52:32 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	168688	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	168606	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	74957	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	35654	35.71	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	71.42%
7) Chloroethane-d5	1.55	69	23155	22.28	ug/L	-0.03
Spiked Amount	50.000	Range	70 - 130	Recovery	=	44.56%#
11) 1,1-Dichloroethene-d2	2.10	63	79049	30.01	ug/L	-0.03
Spiked Amount	50.000	Range	60 - 125	Recovery	=	60.02%
21) 2-Butanone-d5	3.95	46	70405	95.43	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.43%
24) Chloroform-d	4.40	84	90779	41.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.24%
26) 1,2-Dichloroethane-d4	5.08	65	63259	43.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.68%
32) Benzene-d6	5.09	84	186359	42.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.02%
36) 1,2-Dichloropropane-d6	6.12	67	57827	44.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.22%
41) Toluene-d8	7.36	98	179080	41.93	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.86%
43) trans-1,3-Dichloropropene-	7.67	79	26495	39.13	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.26%
47) 2-Hexanone-d5	8.14	63	57621	100.49	ug/L	0.01
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.49%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	95861	45.52	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.04%
64) 1,2-Dichlorobenzene-d4	11.68	152	69379	43.87	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.74%

Target Compounds					Ovalue
20) cis-1,2-Dichloroethene	3.96	96	6025m	5.198 ug/L	
34) Trichloroethene	5.96	95	4057	3.592 ug/L	86
46) Tetrachloroethene	8.02	164	1608m	1.811 ug/L	

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

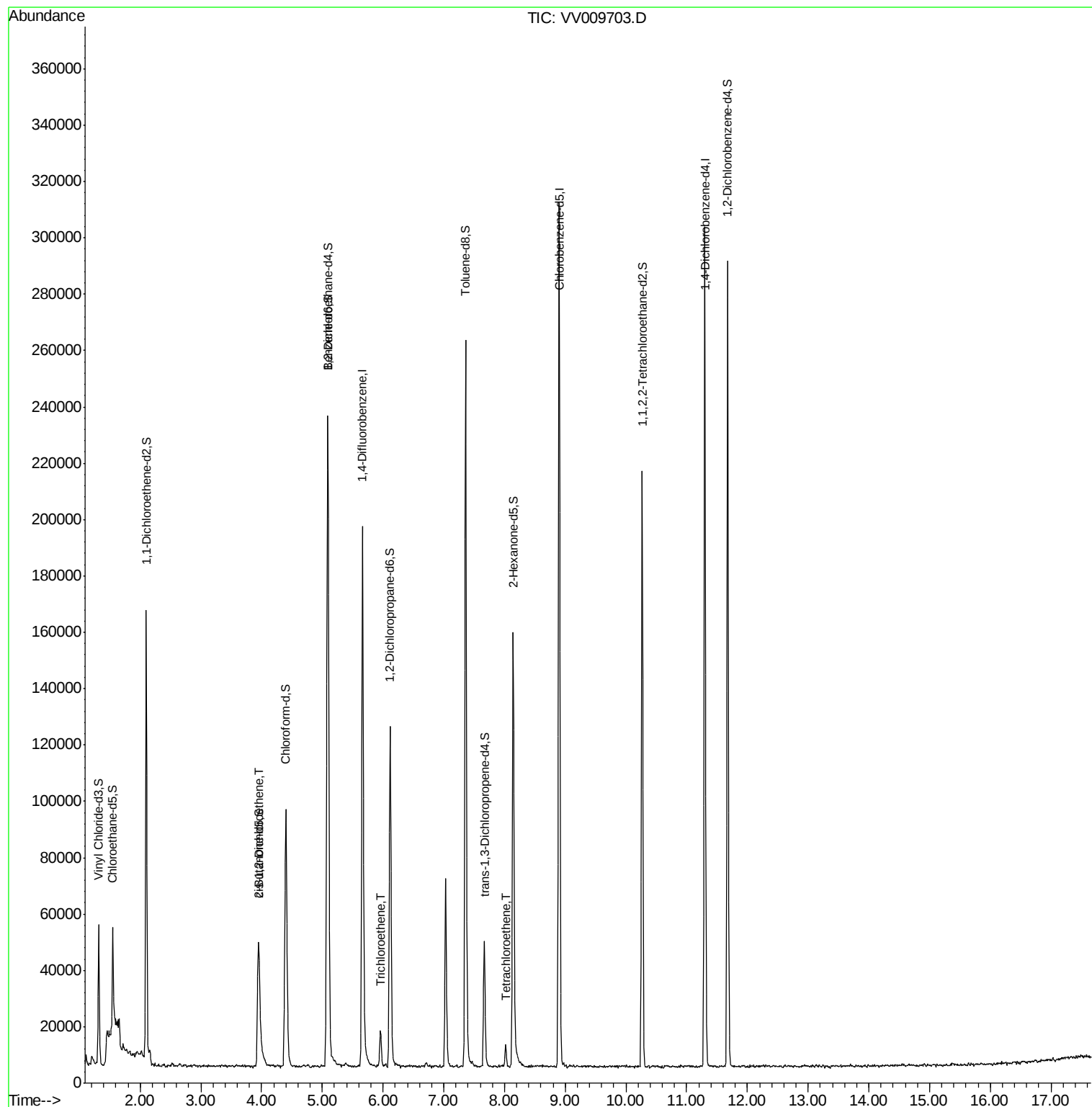
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV031619\
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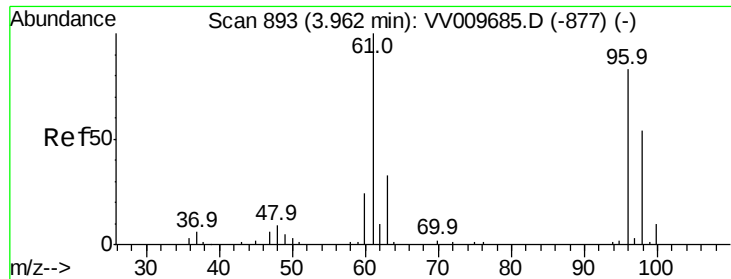
Instrument :
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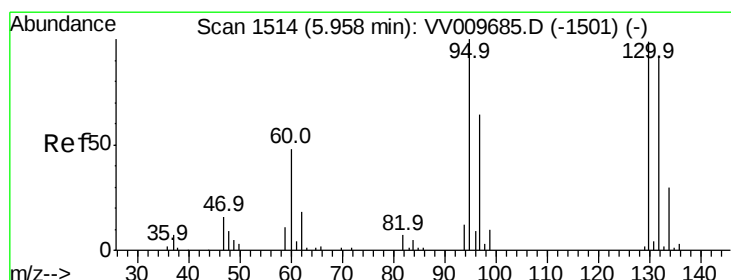
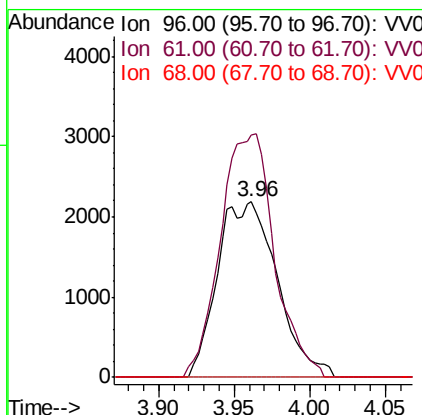
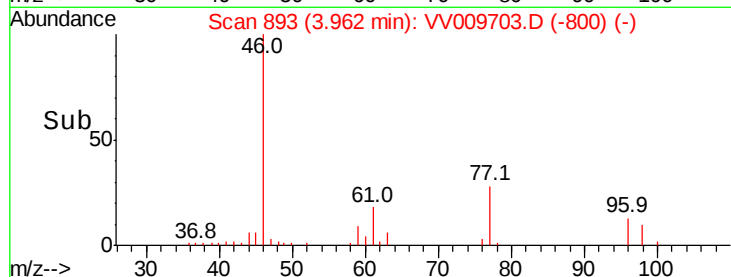
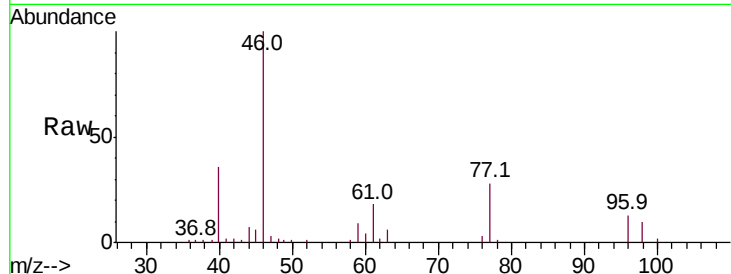
#20
cis-1,2-Dichloroethene
Concen: 5.198 ug/L m
RT: 3.96 min Scan# 893
Delta R.T. -0.00 min
Lab File: VV009703.D
Acq: 15 Mar 2019 22:22

Instrument :
MSVOA_V
ClientSampleId :
BF0Y3ME

Tot Ion	Ratio	Lower	Upper
96	100		
61	138.0	82.4	153.0
68	0.0	0.0	0.0

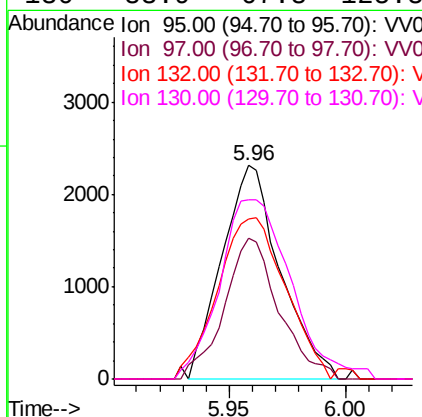
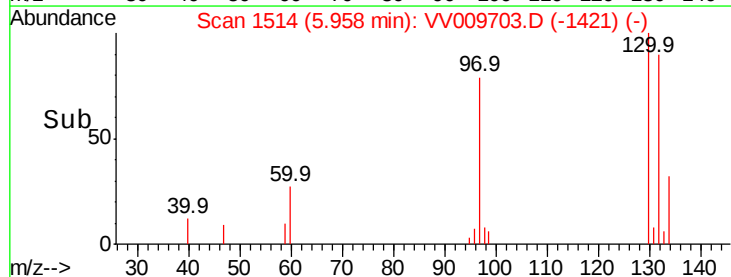
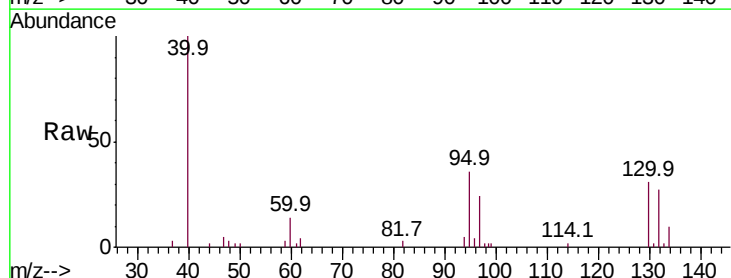
Manual Integrations
APPROVED

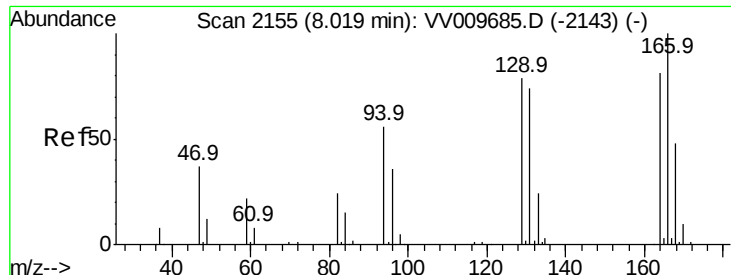
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3/18/2019 10:31:21 AM



#34
Trichloroethene
Concen: 3.592 ug/L
RT: 5.96 min Scan# 1514
Delta R.T. -0.00 min
Lab File: VV009703.D
Acq: 15 Mar 2019 22:22

Tgt Ion	Ratio	Lower	Upper
95	100		
97	66.1	44.2	82.2
132	75.2	66.5	123.5
130	83.9	67.8	125.8





#46

Tetrachloroethene

Concen: 1.811 ug/L m

RT: 8.02 min Scan# 2155

Delta R.T. -0.00 min

Lab File: VV009703.D

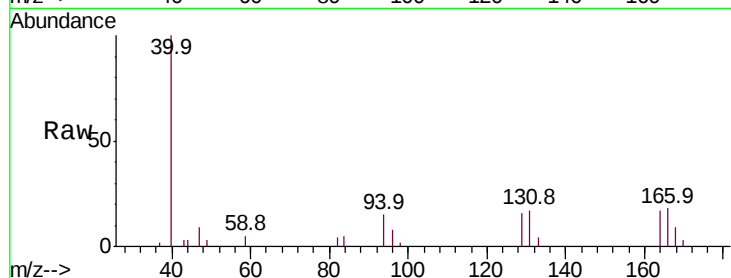
Acq: 15 Mar 2019 22:22

Instrument :

MSVOA_V

ClientSampleId :

BF0Y3ME



Tot Ion:164 Resp: 1608

Ion Ratio Lower Upper

164 100

129 96.1 70.8 131.6

131 102.4 68.3 126.9

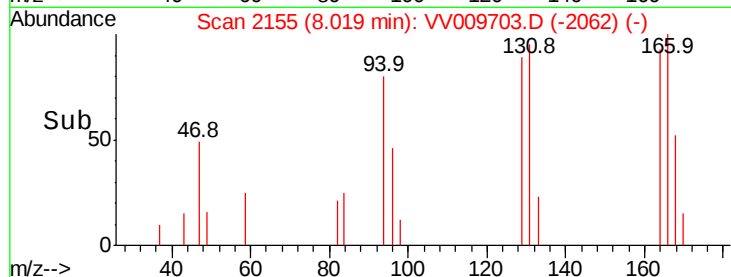
166 108.0 89.5 166.3

Manual Integrations

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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

