

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060619\
 Data File : VV011252.D
 Acq On : 06 Jun 2019 18:27
 Operator : SY/MD
 Sample : K3230-02
 Misc : 25ML/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 P025-SMITH-1906-02

Quant Time: Jun 09 21:10:45 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jun 07 01:28:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	160036	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	150464	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	62655	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	54618	4.50	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.00%
7) Chloroethane-d5	1.56	69	45304	4.49	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.80%
11) 1,1-Dichloroethene-d2	2.12	63	87810	3.62	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.40%
20) 2-Butanone-d5	3.94	46	133537	48.91	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.82%
24) Chloroform-d	4.40	84	98438	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.20%
26) 1,2-Dichloroethane-d4	5.08	65	55694	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.60%
32) Benzene-d6	5.10	84	205939	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.60%
36) 1,2-Dichloropropane-d6	6.12	67	63905	4.61	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.20%
41) Toluene-d8	7.36	98	191371	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.60%
43) trans-1,3-Dichloropropene-	7.67	79	20115	3.81	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.20%
46) 2-Hexanone-d5	8.13	63	108993	48.81	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.62%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	43703	4.62	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	61816	5.00	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.00%

Target Compounds

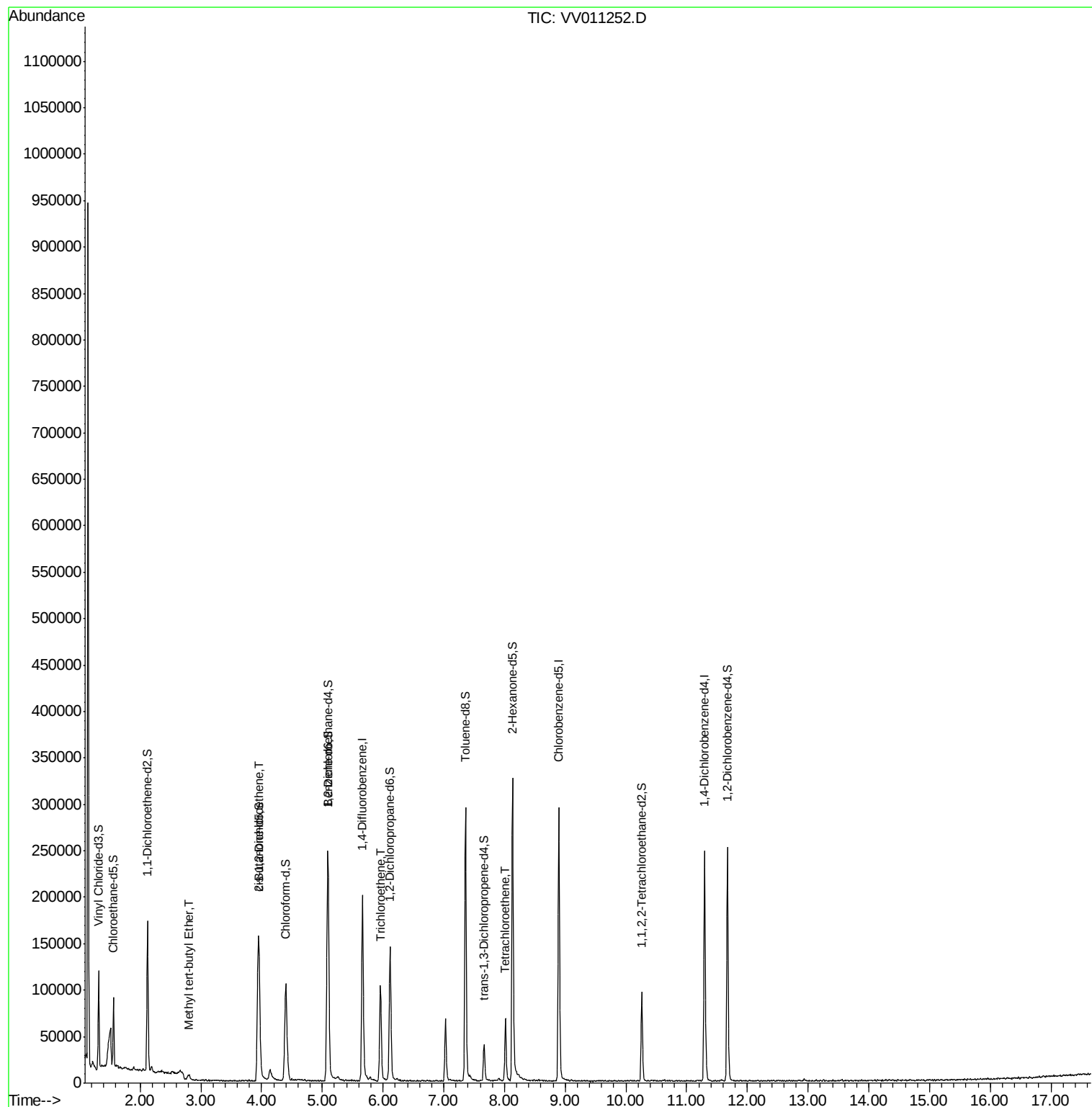
					Ovalue
17) Methyl tert-butyl Ether	2.80	73	4376	0.163 ug/L #	85
22) cis-1,2-Dichloroethene	3.96	96	49136	3.930 ug/L #	98
34) Trichloroethene	5.96	95	33664	2.722 ug/L	99
47) Tetrachloroethene	8.02	164	13375	1.496 ug/L	97

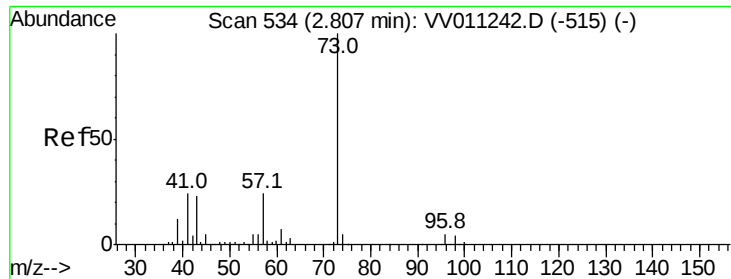
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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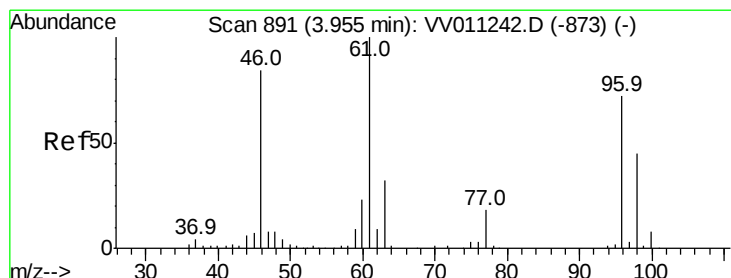
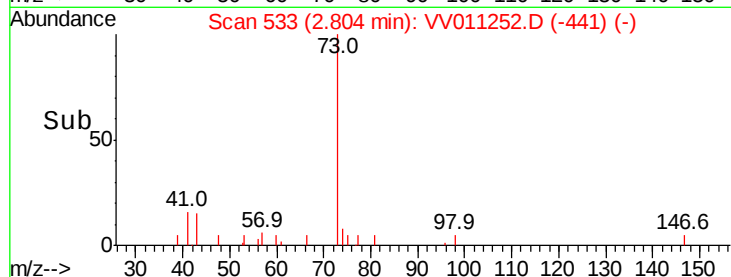
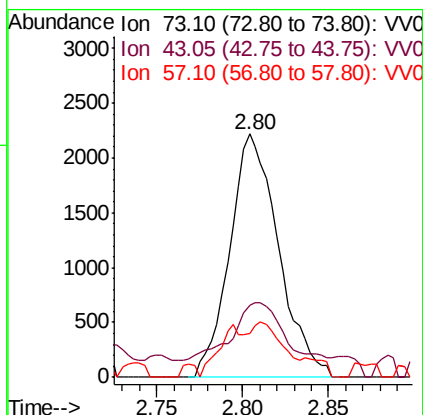
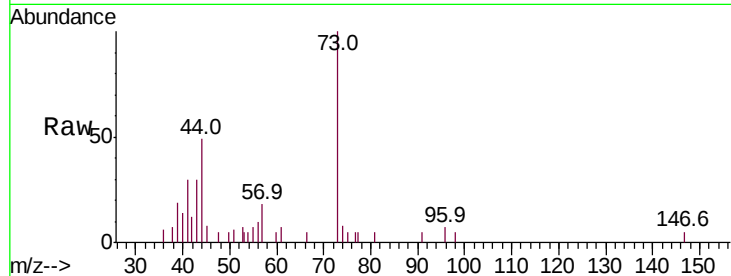




#17
Methvl tert-butvl Ether
Concen: 0.163 ug/L
RT: 2.80 min Scan# 533
Delta R.T. -0.00 min
Lab File: VV011252.D
Acq: 06 Jun 2019 18:27

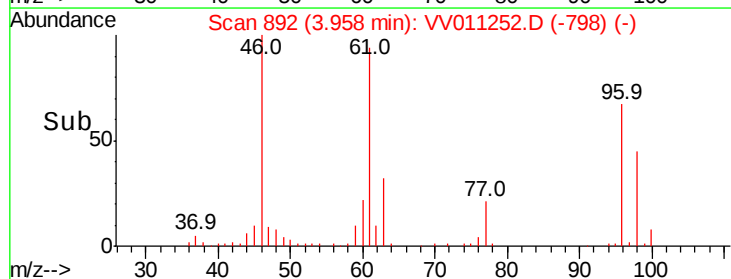
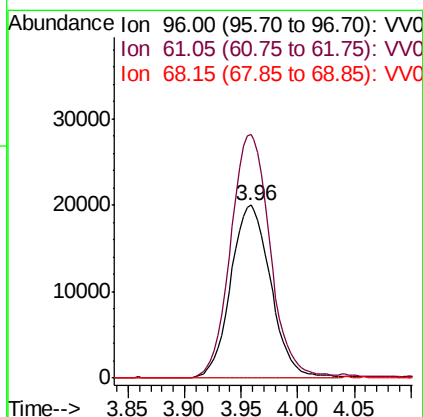
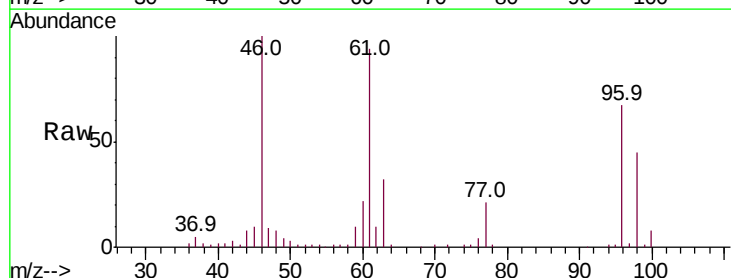
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MSVOA_V
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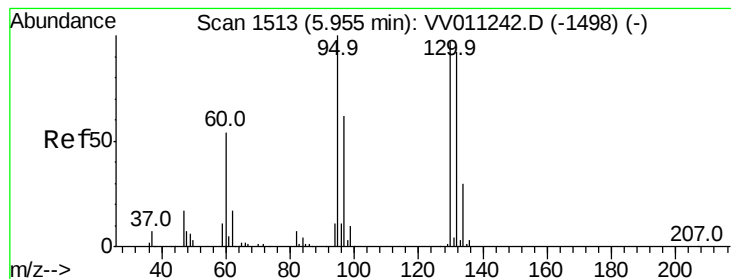
Tot Ion: 73 Resp: 4376
Ion Ratio Lower Upper
73 100
43 24.4 18.7 28.1
57 8.8 18.1 27.1#



#22
cis-1,2-Dichloroethene
Concen: 3.930 ug/L
RT: 3.96 min Scan# 892
Delta R.T. 0.00 min
Lab File: VV011252.D
Acq: 06 Jun 2019 18:27

Tgt Ion: 96 Resp: 49136
Ion Ratio Lower Upper
96 100
61 140.9 100.8 187.2
68 0.6 0.0 0.0#





#34

Trichloroethene

Concen: 2.722 ug/L

RT: 5.96 min Scan# 1514

Delta R.T. 0.00 min

Lab File: VV011252.D

Acq: 06 Jun 2019 18:27

Instrument :

MSVOA_V

ClientSampleId :

P025-SMITH-1906-02

Tot Ion: 95 Resp: 33664

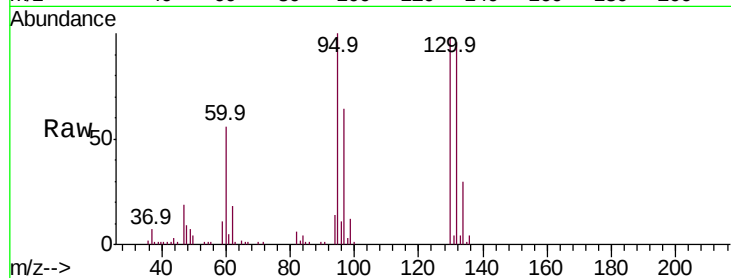
Ion Ratio Lower Upper

95 100

97 64.4 45.8 85.2

132 96.3 66.4 123.2

130 97.8 68.3 126.8

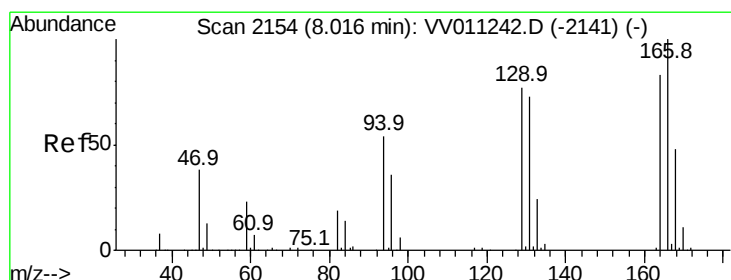
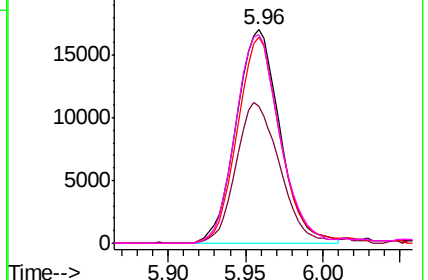
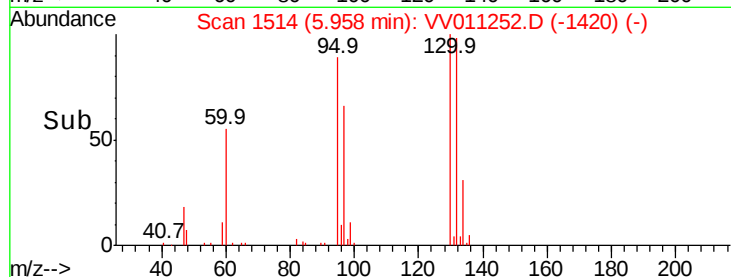


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#47

Tetrachloroethene

Concen: 1.496 ug/L

RT: 8.02 min Scan# 2154

Delta R.T. 0.00 min

Lab File: VV011252.D

Acq: 06 Jun 2019 18:27

Tgt Ion: 164 Resp: 13375

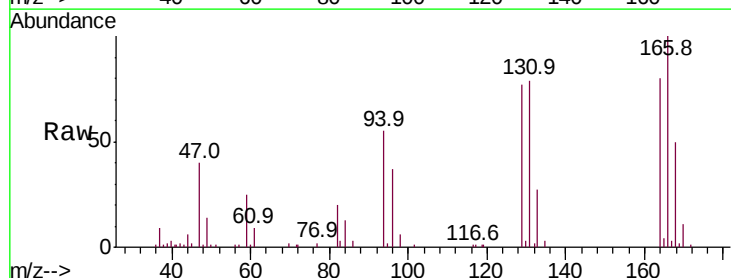
Ion Ratio Lower Upper

164 100

129 97.1 69.9 129.9

131 99.2 66.8 124.2

166 125.7 90.2 167.6



Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V

