

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060619\
 Data File : VV011261.D
 Acq On : 06 Jun 2019 22:26
 Operator : SY/MD
 Sample : K3226-06
 Misc : 25ML/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFCP8

Quant Time: Jun 07 02:43:20 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	161515	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	150752	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	62792	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	56137	4.59	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.80%
7) Chloroethane-d5	1.58	69	48193	4.74	ug/L	0.02
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.80%
11) 1,1-Dichloroethene-d2	2.12	63	88891	3.64	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.80%
20) 2-Butanone-d5	3.96	46	153256	55.62	ug/L	0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.24%
24) Chloroform-d	4.40	84	102099	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.80%
26) 1,2-Dichloroethane-d4	5.08	65	59186	5.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.60%
32) Benzene-d6	5.10	84	209667	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.00%
36) 1,2-Dichloropropane-d6	6.12	67	64976	4.68	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.60%
41) Toluene-d8	7.36	98	188618	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.00%
43) trans-1,3-Dichloropropene-	7.67	79	21377	4.04	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.80%
46) 2-Hexanone-d5	8.14	63	121628	54.37	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.74%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	46315	4.89	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	60577	4.89	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.80%

Target Compounds

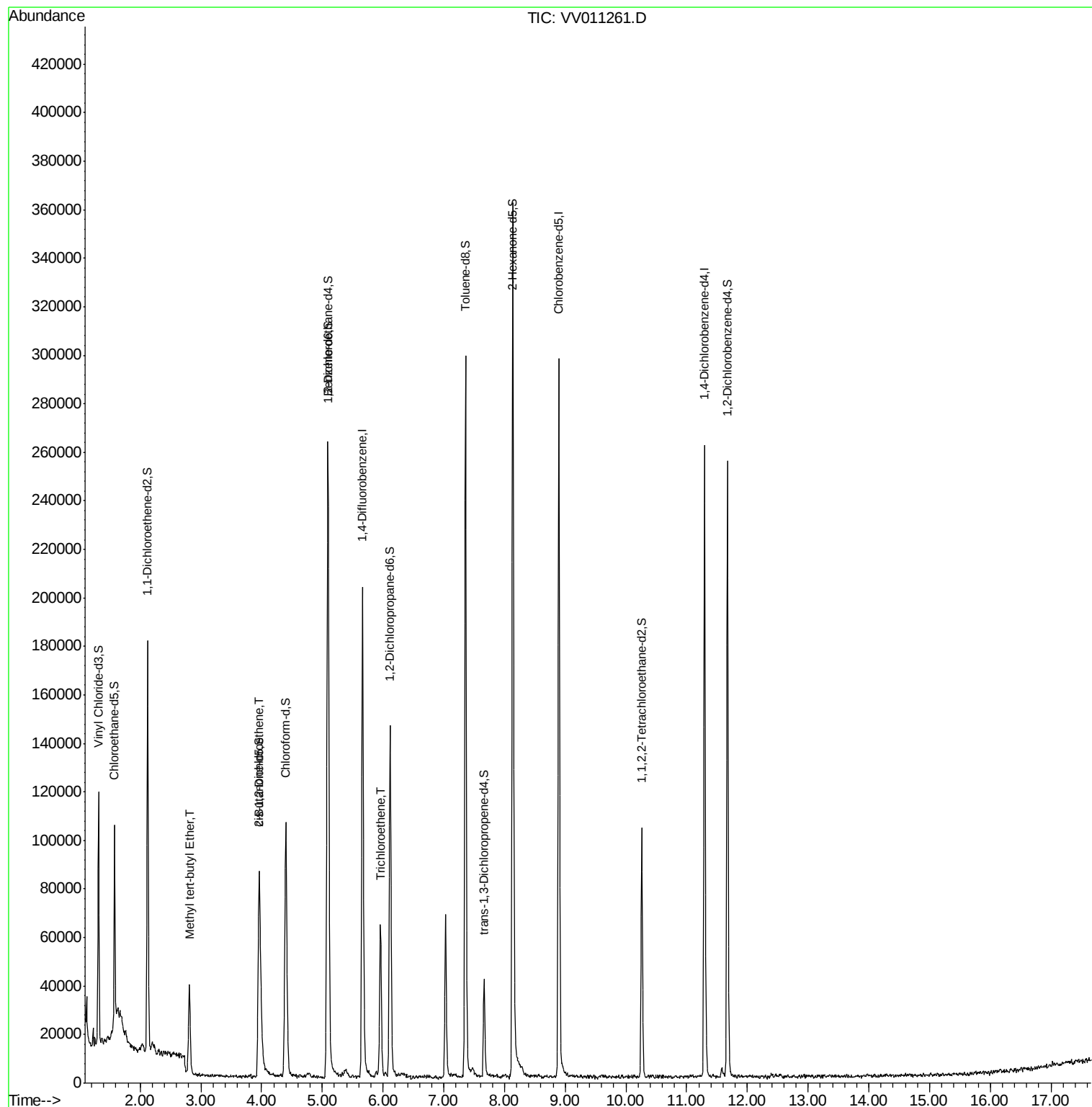
					Ovalue
17) Methyl tert-butyl Ether	2.81	73	35512	1.307 ug/L	96
22) cis-1,2-Dichloroethene	3.96	96	2720	0.216 ug/L	93
34) Trichloroethene	5.96	95	20488	1.653 ug/L	99

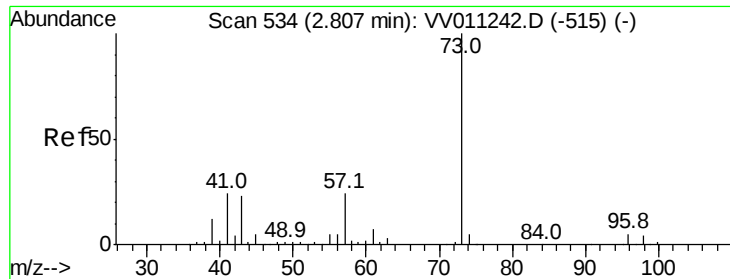
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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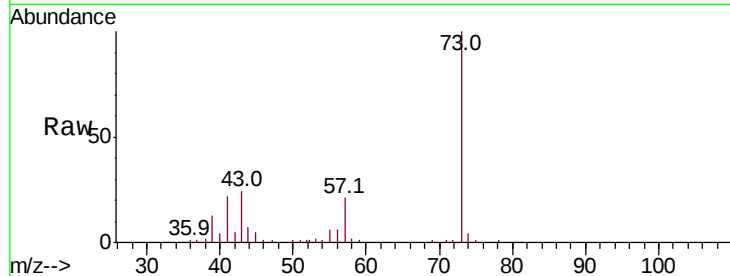




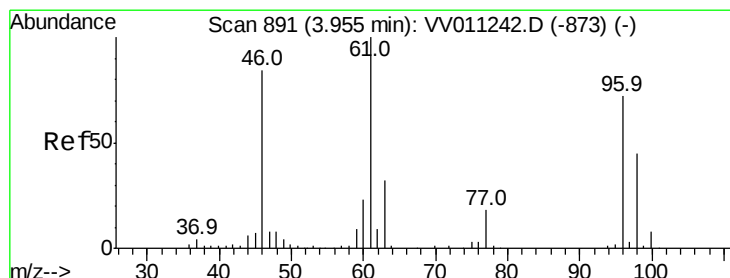
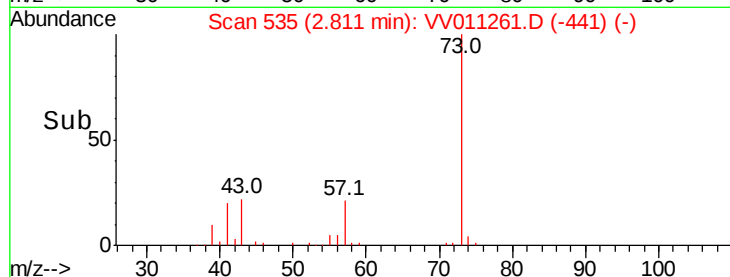
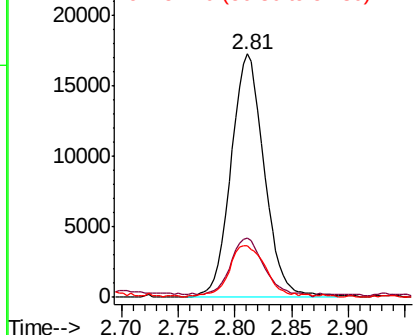
#17
Methvl tert-butvl Ether
Concen: 1.307 ug/L
RT: 2.81 min Scan# 535
Delta R.T. 0.00 min
Lab File: VV011261.D
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Tot Ion: 73 Resp: 35512
Ion Ratio Lower Upper
73 100
43 25.7 18.7 28.1
57 23.7 18.1 27.1

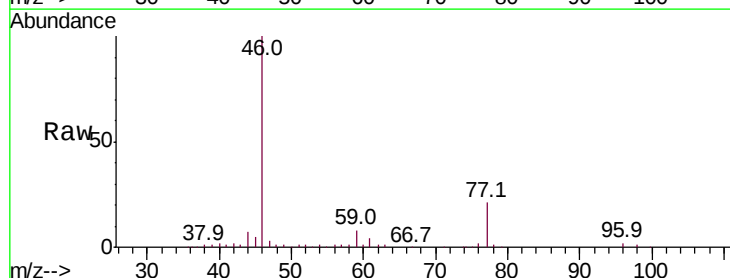


Abundance Ion 73.10 (72.80 to 73.80): VV0
Ion 43.05 (42.75 to 43.75): VV0
Ion 57.10 (56.80 to 57.80): VV0

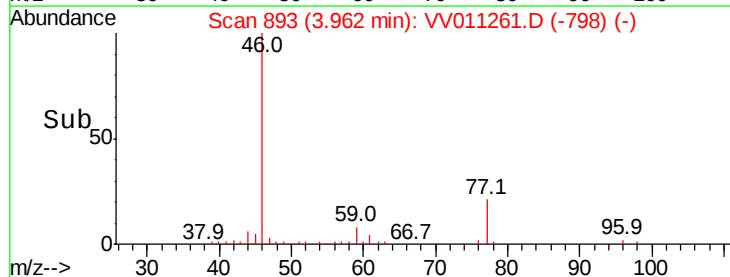
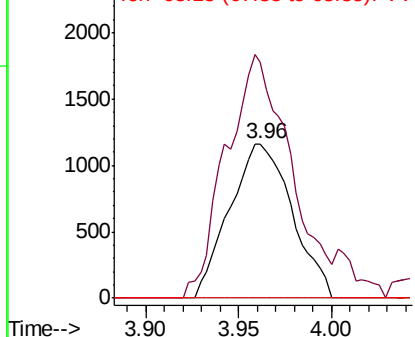


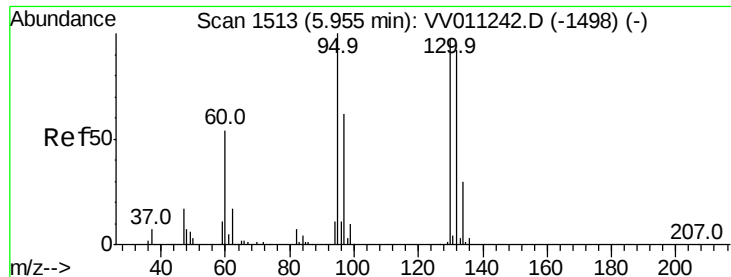
#22
cis-1,2-Dichloroethene
Concen: 0.216 ug/L
RT: 3.96 min Scan# 893
Delta R.T. 0.01 min
Lab File: VV011261.D
Acq: 06 Jun 2019 22:26

Tgt Ion: 96 Resp: 2720
Ion Ratio Lower Upper
96 100
61 153.0 100.8 187.2
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.05 (60.75 to 61.75): VV0
Ion 68.15 (67.85 to 68.85): VV0





#34

Trichloroethene

Concen: 1.653 ug/L

RT: 5.96 min Scan# 1514

Delta R.T. 0.00 min

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Tot Ion: 95 Resp: 20488

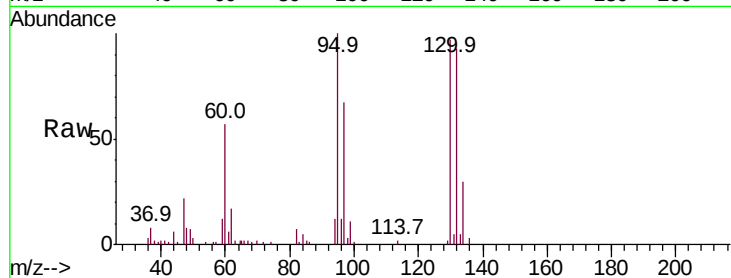
Ion Ratio Lower Upper

95 100

97 67.2 45.8 85.2

132 93.1 66.4 123.2

130 96.9 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

