

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV090619\
 Data File : VV012597.D
 Acq On : 06 Sep 2019 13:42
 Operator : SY/MD
 Sample : K4685-14
 Misc : 25mL/MSVOA V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFD83

Quant Time: Sep 06 14:11:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR090519WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Sep 06 11:34:24 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	144867	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	152648	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	52323	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	62538	4.61	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.20%
7) Chloroethane-d5	1.58	69	66192	5.39	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	107.80%
11) 1,1-Dichloroethene-d2	2.13	63	103614	3.26	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.20%
20) 2-Butanone-d5	3.93	46	156041	59.06	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	118.12%
24) Chloroform-d	4.40	84	107158	5.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.00%
26) 1,2-Dichloroethane-d4	5.08	65	59827	5.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.20%
32) Benzene-d6	5.10	84	190160	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.40%
36) 1,2-Dichloropropane-d6	6.12	67	64651	5.22	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.40%
41) Toluene-d8	7.36	98	149353	4.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.40%
43) trans-1,3-Dichloropropene-	7.67	79	17753	4.07	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.40%
46) 2-Hexanone-d5	8.13	63	78501	47.19	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.38%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	47719	5.44	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	49003	5.61	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	112.20%

Target Compounds

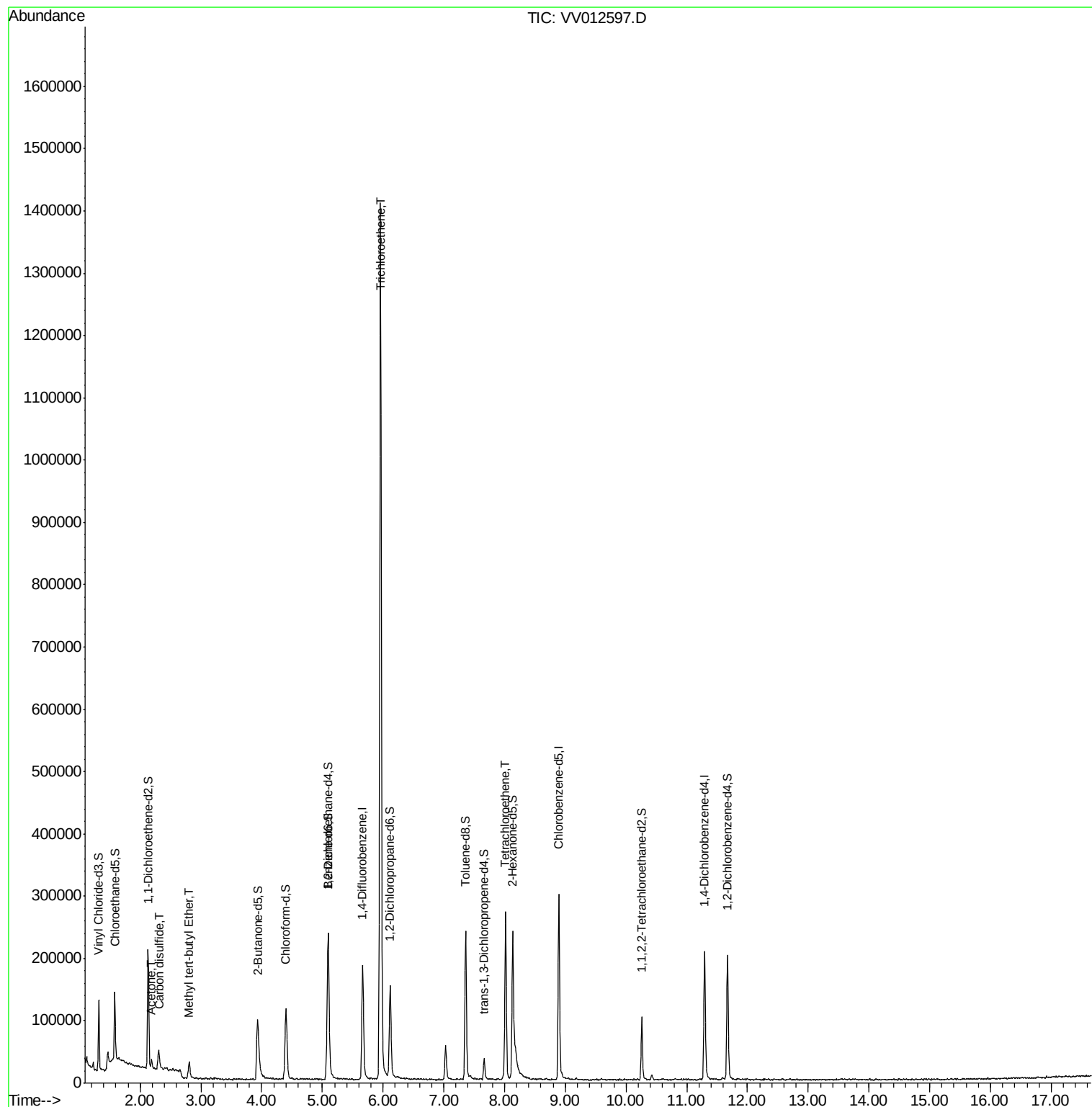
					Ovalue
13) Acetone	2.19	43	13686	4.270	ug/L 98
14) Carbon disulfide	2.32	76	7901	0.144	ug/L # 94
17) Methyl tert-butyl Ether	2.81	73	22799	0.817	ug/L 97
34) Trichloroethene	5.96	95	462088	30.016	ug/L 99
47) Tetrachloroethene	8.02	164	53573	4.774	ug/L 97

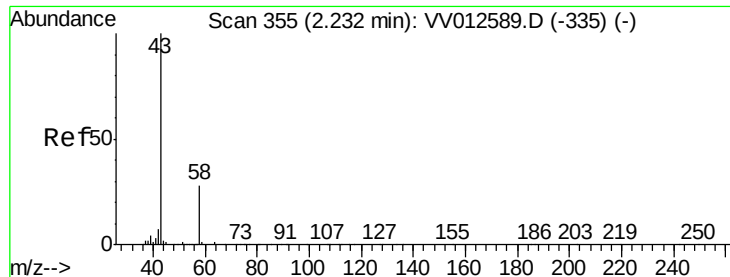
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 4.270 ug/L

RT: 2.19 min Scan# 341

Delta R.T. -0.04 min

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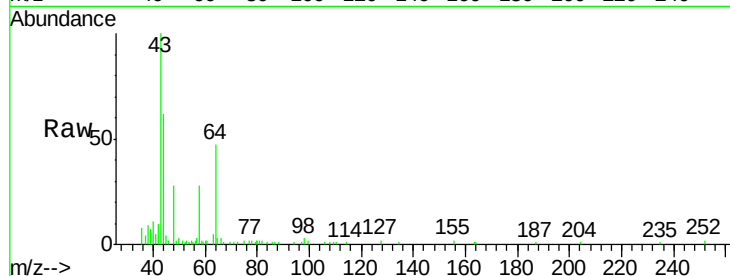
Instrument :
MSVOA_V
ClientSampled :
BFD83

Tot Ion: 43 Resp: 13686

Ion Ratio Lower Upper

43 100

58 29.7 0.0 57.0



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

2.19

10000

8000

6000

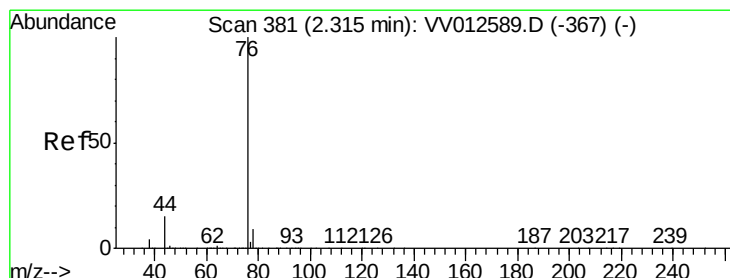
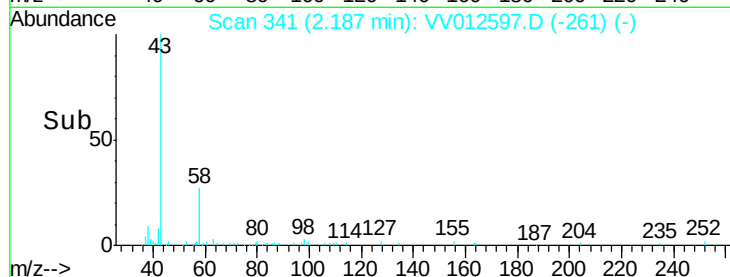
4000

2000

0

Time-->

2.15 2.20 2.25



#14

Carbon disulfide

Concen: 0.144 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.01 min

Lab File: VV012597.D

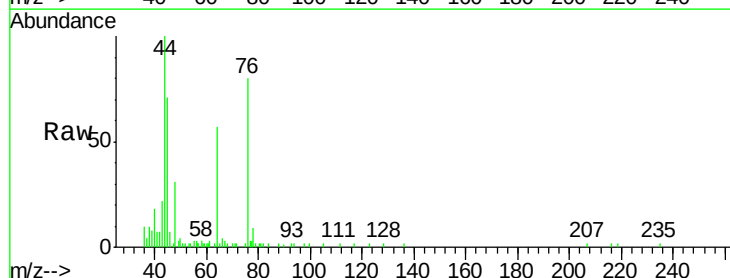
Acq: 06 Sep 2019 13:42

Tgt Ion: 76 Resp: 7901

Ion Ratio Lower Upper

76 100

78 11.4 7.4 11.0#



Abundance Ion 76.05 (75.75 to 76.75): VV0

Ion 78.00 (77.70 to 78.70): VV0

2.32

6000

5000

4000

3000

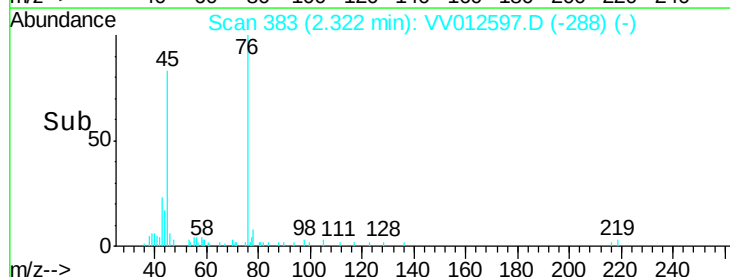
2000

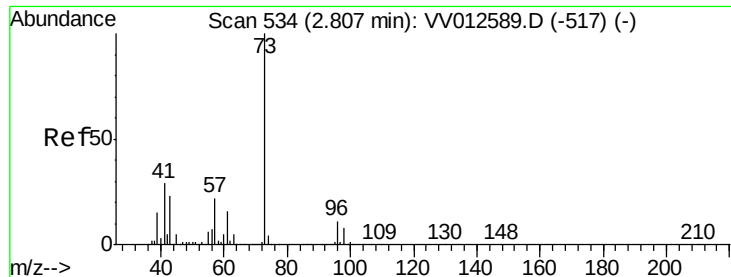
1000

0

Time-->

2.30 2.35

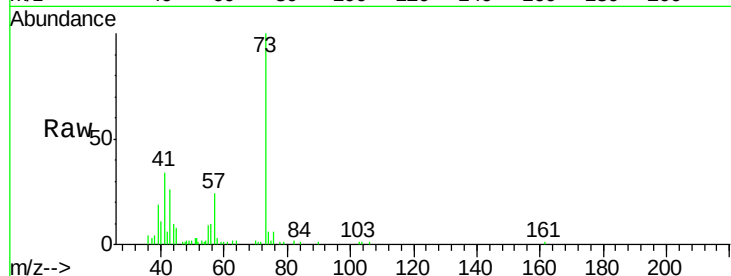




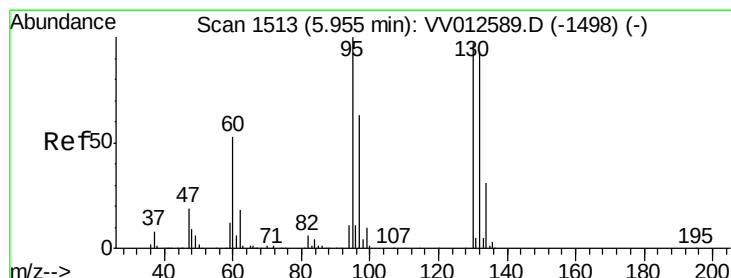
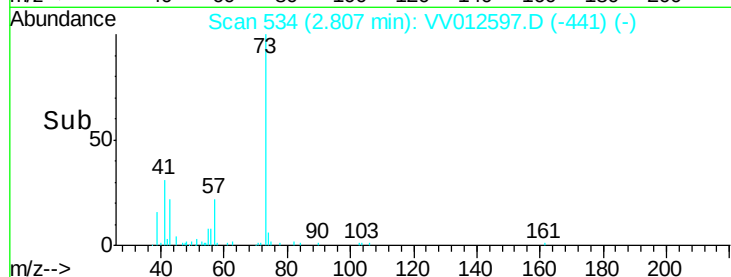
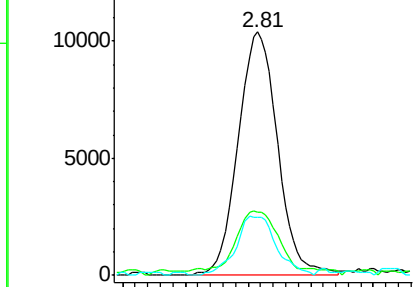
#17
Methvl tert-butvl Ether
Concen: 0.817 ug/L
RT: 2.81 min Scan# 534
Delta R.T. 0.00 min
Lab File: VV012597.D
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Instrument :
MSVOA_V
ClientSampleId :
BFD83

Tot Ion: 73 Resp: 22799
Ion Ratio Lower Upper
73 100
43 25.6 18.9 28.3
57 24.6 18.9 28.3

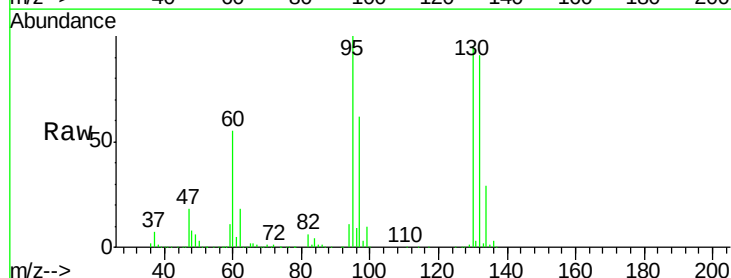


Abundance Ion 73.10 (72.80 to 73.80): VV0
Ion 43.05 (42.75 to 43.75): VV0
Ion 57.10 (56.80 to 57.80): VV0

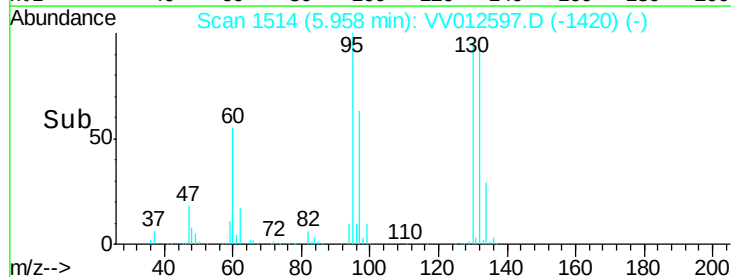
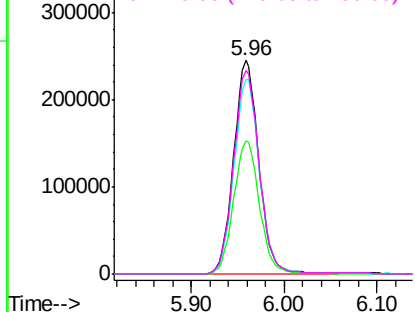


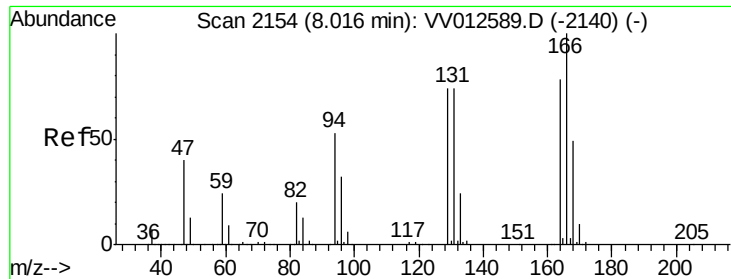
#34
Trichloroethene
Concen: 30.016 ug/L
RT: 5.96 min Scan# 1514
Delta R.T. 0.00 min
Lab File: VV012597.D
Acq: 06 Sep 2019 13:42

Tgt Ion: 95 Resp: 462088
Ion Ratio Lower Upper
95 100
97 62.3 43.9 81.5
132 91.1 64.8 120.4
130 95.3 67.1 124.7



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): VV0
Ion 129.95 (129.65 to 130.65): VV0





#47

Tetrachloroethene

Concen: 4.774 ug/L

RT: 8.02 min Scan# 2154

Delta R.T. 0.00 min

Lab File: VV012597.D

Acq: 06 Sep 2019 13:42

Instrument :
MSVOA_V
ClientSampleId :
BFD83

Tot Ion:164 Resp: 53573

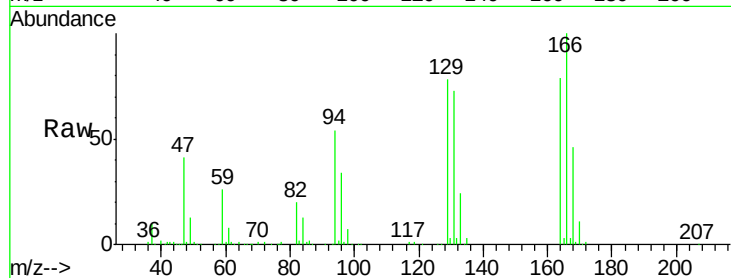
Ion Ratio Lower Upper

164 100

129 98.6 65.0 120.6

131 91.8 62.0 115.2

166 126.2 87.0 161.6



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

