

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV010721\
 Data File : VV019934.D
 Acq On : 07 Jan 2021 20:09
 Operator : SY/MD
 Sample : M1017-05 100X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG4W5

Quant Time: Jan 08 04:14:22 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM122820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jan 08 01:32:18 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.62	114	483032	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	470927	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.26	152	213732	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	107684	28.81	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	57.62%#
7) Chloroethane-d5	1.57	69	108550	36.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	73.08%
11) 1,1-Dichloroethene-d2	2.11	63	184812	26.16	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	52.32%#
21) 2-Butanone-d5	3.90	46	295629	106.71	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.71%
24) Chloroform-d	4.35	84	280681	39.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	79.48%
26) 1,2-Dichloroethane-d4	5.04	65	197244	42.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.46%
32) Benzene-d6	5.05	84	494988	36.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	73.00%
36) 1,2-Dichloropropane-d6	6.07	67	177667	39.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	79.68%
41) Toluene-d8	7.32	98	418192	34.65	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	69.30%#
43) trans-1,3-Dichloropropene-	7.63	79	72209	32.58	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.16%
47) 2-Hexanone-d5	8.09	63	158549	86.03	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	86.03%
57) 1,1,2,2-Tetrachloroethane-	10.22	84	251380	43.35	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.70%
64) 1,2-Dichlorobenzene-d4	11.63	152	181740	44.45	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.90%

Target Compounds

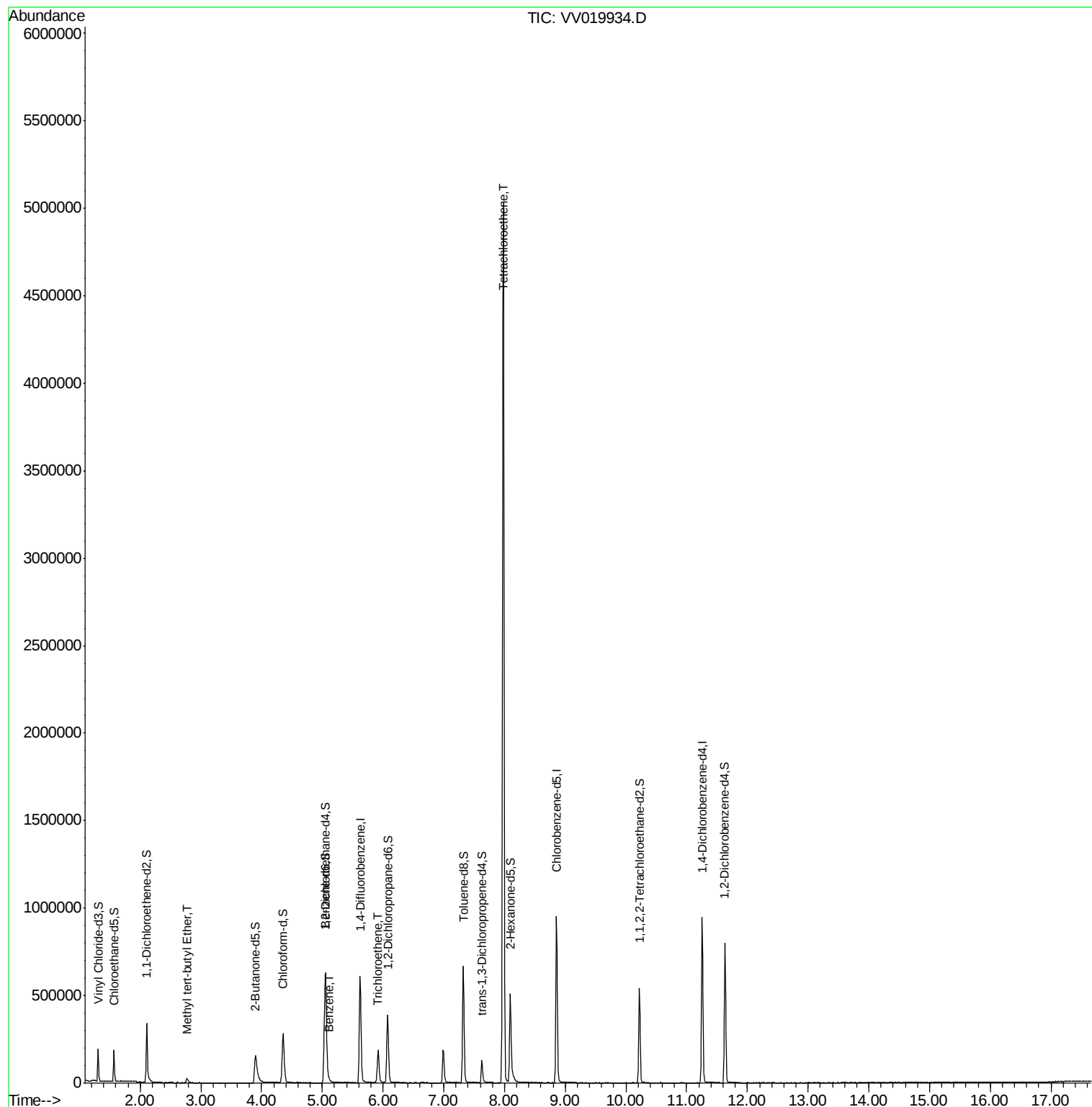
					Ovalue
18) Methyl tert-butyl Ether	2.77	73	23939	2.063	ug/L 98
33) Benzene	5.11	78	17473	1.180	ug/L 100
34) Trichloroethene	5.92	95	58364	14.853	ug/L 93
46) Tetrachloroethene	7.98	164	970257	369.736	ug/L 97

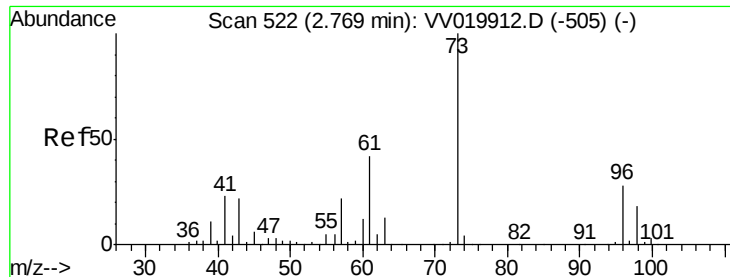
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV010721\
Data File : VV019934.D
Acq On : 07 Jan 2021 20:09
Operator : SY/MD
Sample : M1017-05 100X
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BG4W5

Quant Time: Jan 08 04:14:22 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM122820WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jan 08 01:32:18 2021
Response via : Initial Calibration

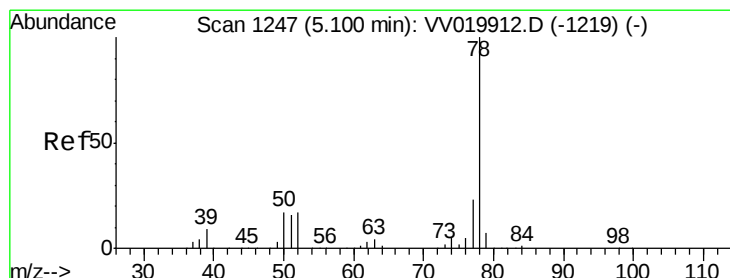
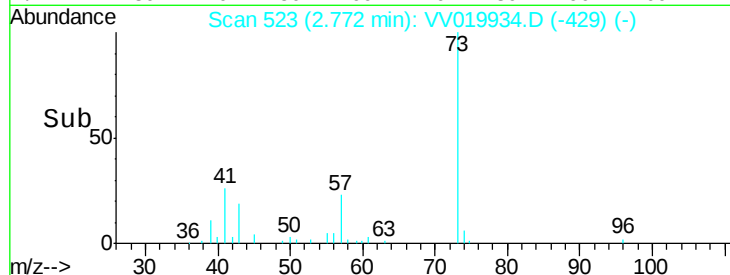
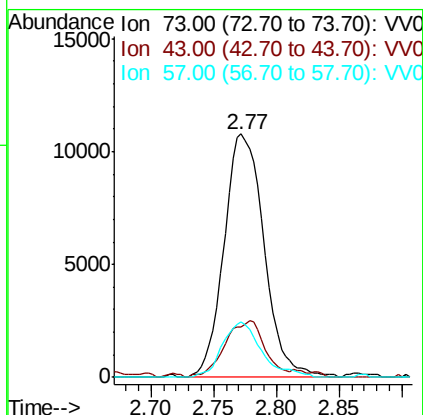
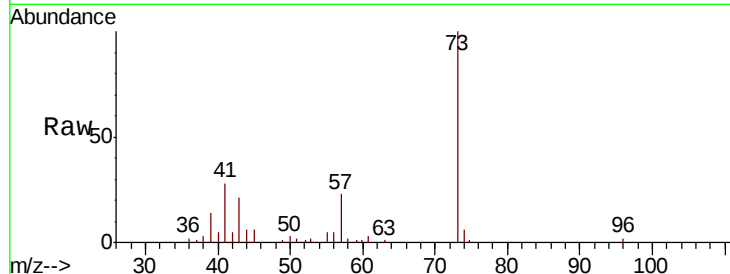




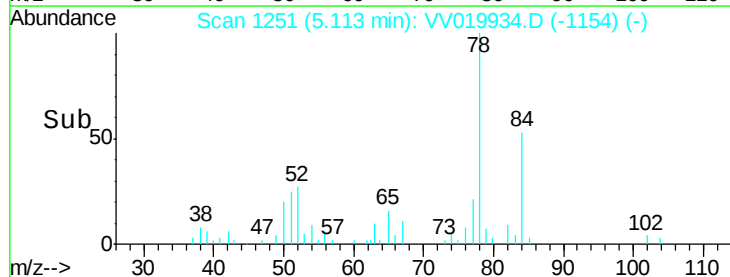
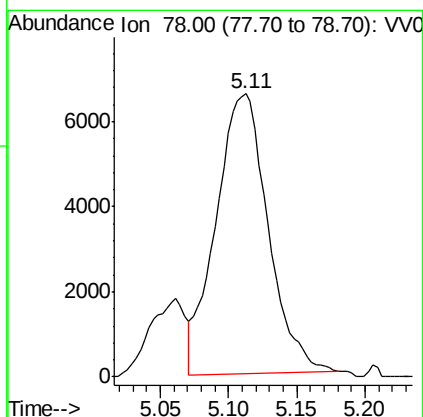
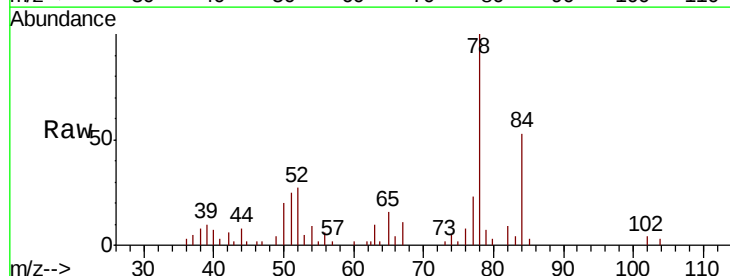
#18
Methvl tert-butvl Ether
Concen: 2.063 ug/L
RT: 2.77 min Scan# 523
Delta R.T. 0.00 min
Lab File: VV019934.D
Acq: 07 Jan 2021 20:09

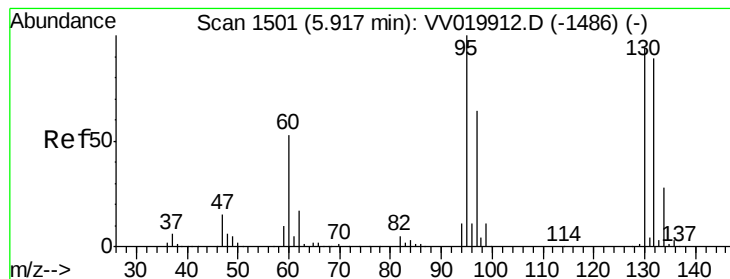
Instrument :
MSVOA_V
ClientSampleId :
BG4W5

Tot Ion: 73 Resp: 23939
Ion Ratio Lower Upper
73 100
43 23.2 17.3 25.9
57 22.3 17.9 26.9



#33
Benzene
Concen: 1.180 ug/L
RT: 5.11 min Scan# 1251
Delta R.T. 0.01 min
Lab File: VV019934.D
Acq: 07 Jan 2021 20:09
Tgt Ion: 78 Resp: 17473





#34

Trichloroethene

Concen: 14.853 ug/L

RT: 5.92 min Scan# 1502

Delta R.T. 0.00 min

Lab File: VV019934.D

Acq: 07 Jan 2021 20:09

Instrument :

MSVOA_V

ClientSampleId :

BG4W5

Tot Ion: 95 Resp: 58364

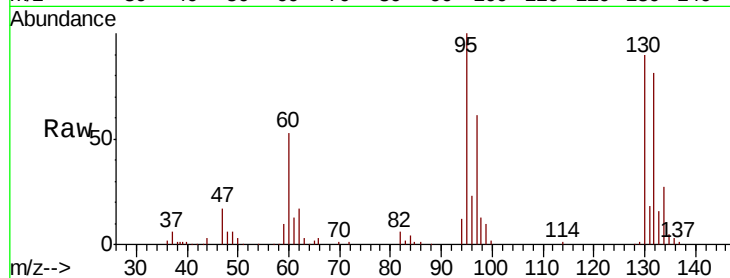
Ion Ratio Lower Upper

95 100

97 61.0 44.5 82.7

132 80.9 63.4 117.8

130 90.4 67.1 124.5



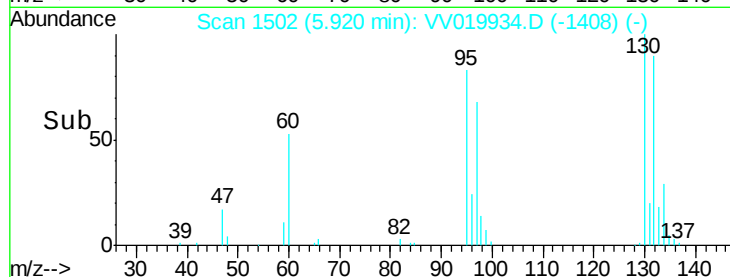
Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): VV0

Ion 130.00 (129.70 to 130.70): VV0

Time-->



Abundance

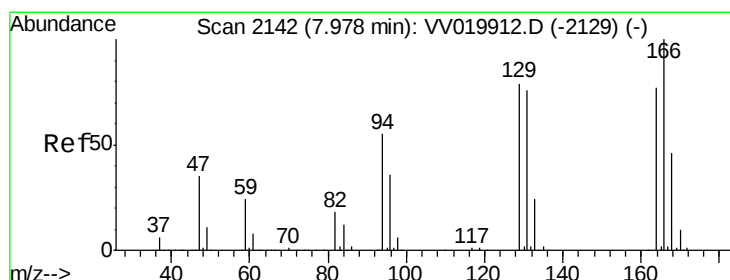
Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): VV0

Ion 130.00 (129.70 to 130.70): VV0

Time-->



#46

Tetrachloroethene

Concen: 369.736 ug/L

RT: 7.98 min Scan# 2143

Delta R.T. 0.00 min

Lab File: VV019934.D

Acq: 07 Jan 2021 20:09

Tgt Ion: 164 Resp: 970257

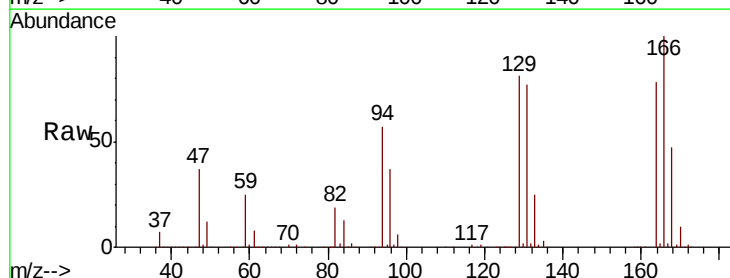
Ion Ratio Lower Upper

164 100

129 103.9 70.6 131.0

131 99.5 66.8 124.0

166 128.5 88.2 163.8



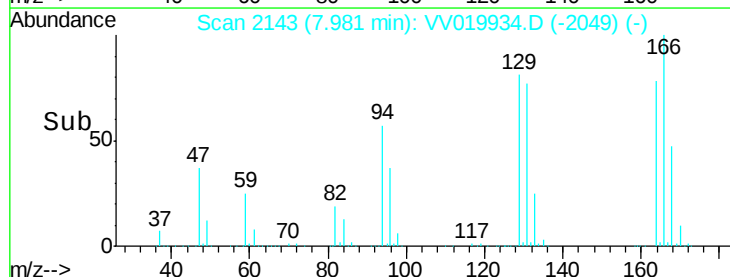
Abundance Ion 164.00 (163.70 to 164.70): VV0

Ion 129.00 (128.70 to 129.70): VV0

Ion 131.00 (130.70 to 131.70): VV0

Ion 166.00 (165.70 to 166.70): VV0

Time-->



Abundance

Ion 164.00 (163.70 to 164.70): VV0

Ion 129.00 (128.70 to 129.70): VV0

Ion 131.00 (130.70 to 131.70): VV0

Ion 166.00 (165.70 to 166.70): VV0

Time-->