

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV010521\
 Data File : VV019896.D
 Acq On : 05 Jan 2021 14:54
 Operator : SY/MD
 Sample : M1017-02 20X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG4W3

Quant Time: Jan 06 07:55:15 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM122820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jan 06 07:08:24 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.62	114	557023	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	532819	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.26	152	243369	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	189917	44.06	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.12%
7) Chloroethane-d5	1.57	69	167719	48.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.90%
11) 1,1-Dichloroethene-d2	2.11	63	298139	36.59	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.18%
21) 2-Butanone-d5	3.89	46	331228	103.67	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.67%
24) Chloroform-d	4.35	84	387019	47.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.04%
26) 1,2-Dichloroethane-d4	5.04	65	272809	51.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.50%
32) Benzene-d6	5.05	84	756521	49.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.62%
36) 1,2-Dichloropropane-d6	6.07	67	248668	49.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.58%
41) Toluene-d8	7.32	98	660981	48.40	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.80%
43) trans-1,3-Dichloropropene-	7.63	79	108991	43.46	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.92%
47) 2-Hexanone-d5	8.09	63	191252	91.72	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.72%
57) 1,1,2,2-Tetrachloroethane-	10.22	84	303006	46.18	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.36%
64) 1,2-Dichlorobenzene-d4	11.63	152	243781	52.37	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.74%

Target Compounds

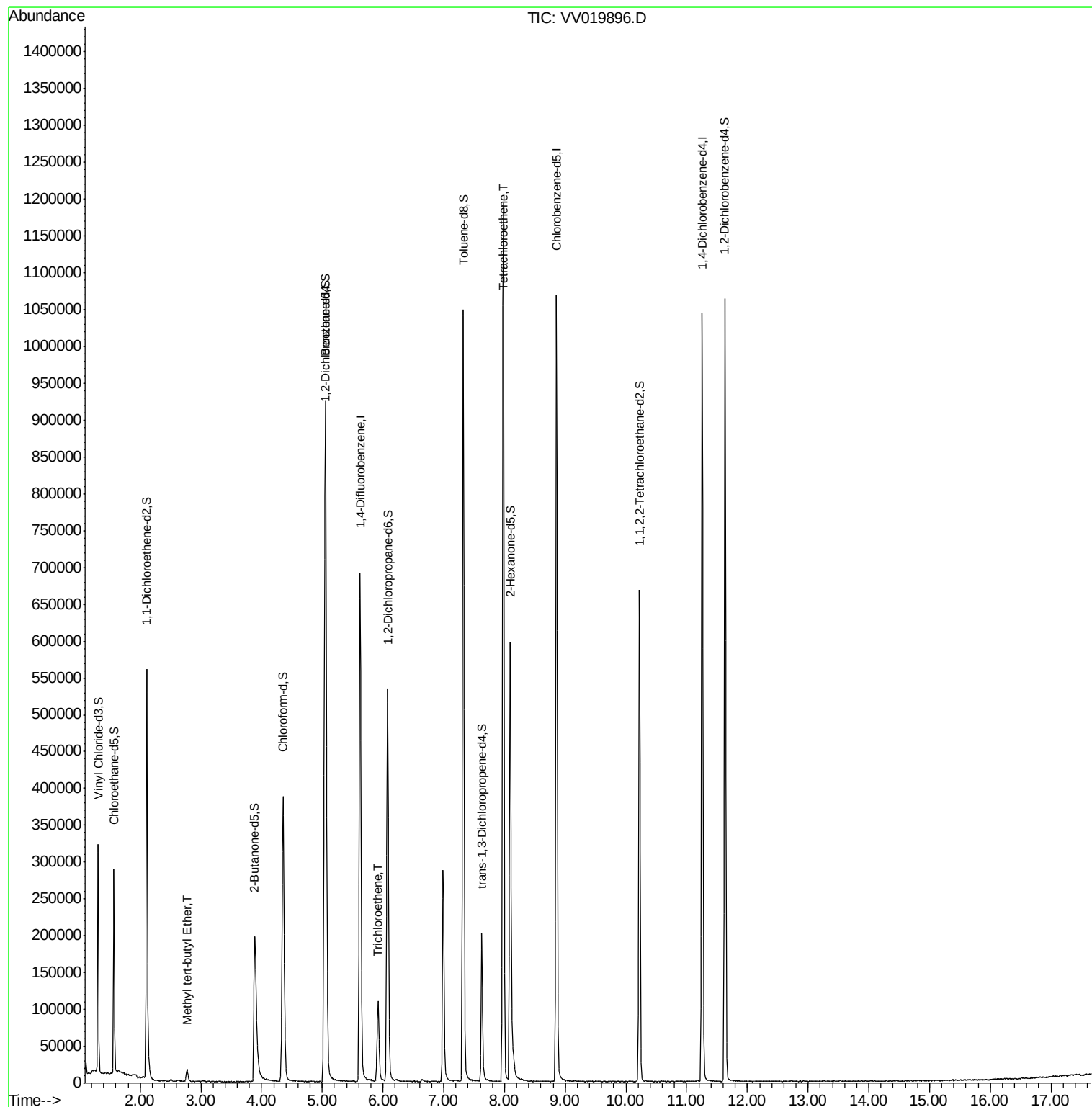
					Ovalue
18) Methyl tert-butyl Ether	2.77	73	15334	1.146 ug/L	97
34) Trichloroethene	5.92	95	30053	6.760 ug/L	97
46) Tetrachloroethene	7.98	164	235663	79.372 ug/L	98

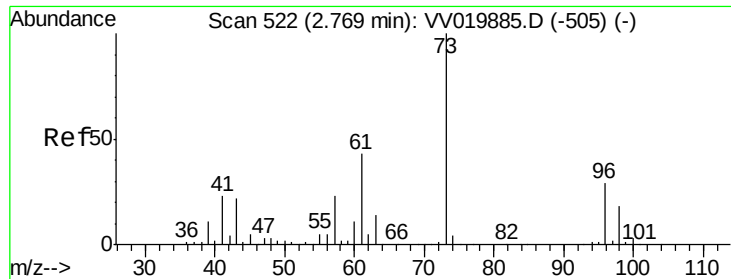
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV010521\
Data File : VV019896.D
Acq On : 05 Jan 2021 14:54
Operator : SY/MD
Sample : M1017-02 20X
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BG4W3

Quant Time: Jan 06 07:55:15 2021
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM122820WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Jan 06 07:08:24 2021
Response via : Initial Calibration

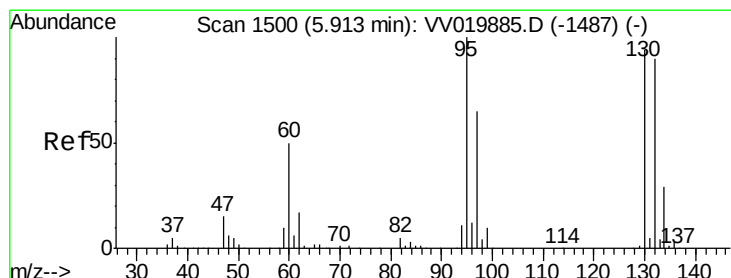
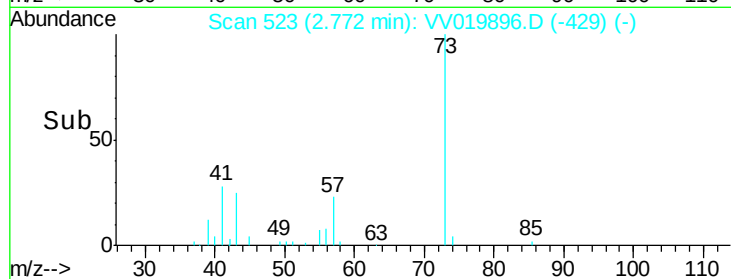
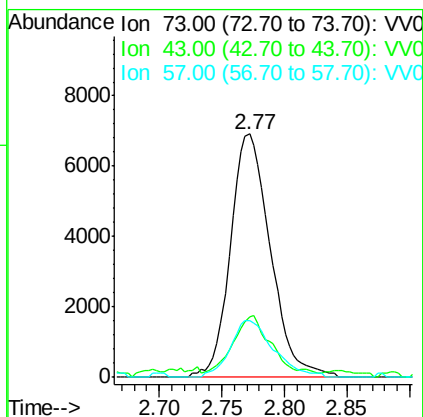
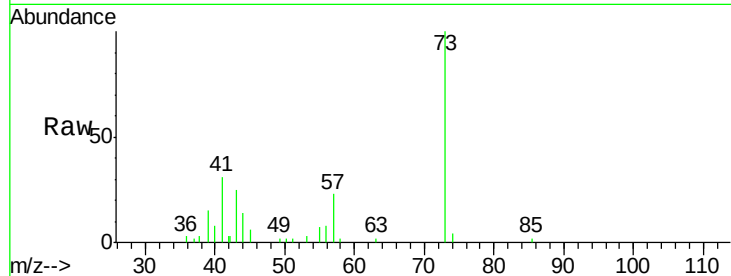




#18
Methvl tert-butvl Ether
Concen: 1.146 ug/L
RT: 2.77 min Scan# 523
Delta R.T. 0.00 min
Lab File: VV019896.D
Acq: 05 Jan 2021 14:54

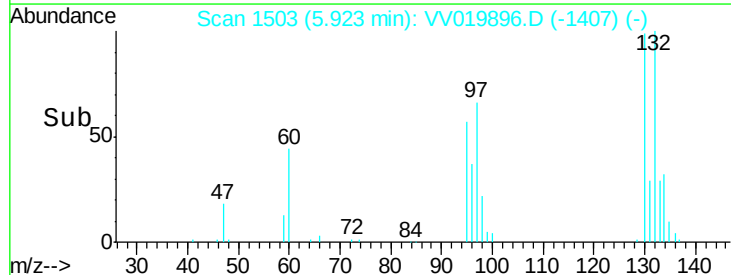
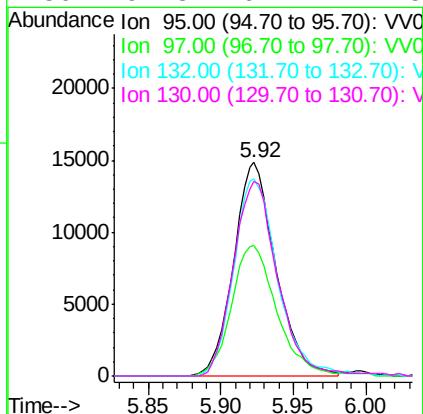
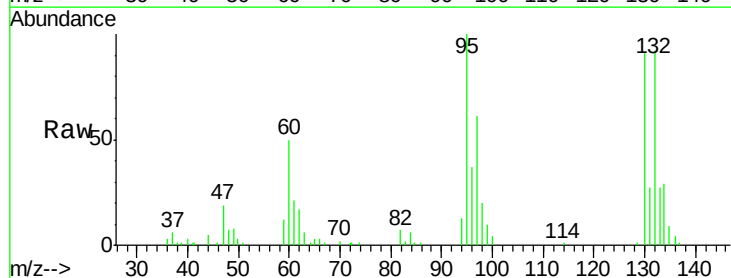
Instrument :
MSVOA_V
ClientSampleId :
BG4W3

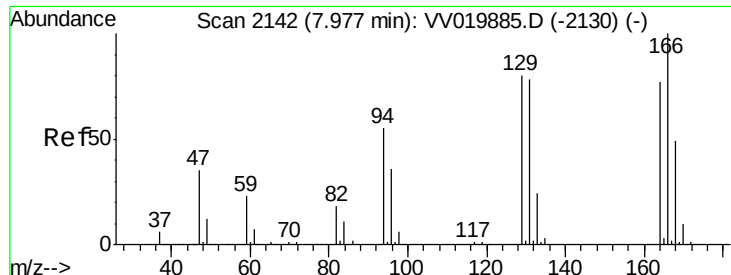
Tot Ion: 73 Resp: 15334
Ion Ratio Lower Upper
73 100
43 21.7 17.3 25.9
57 25.1 17.9 26.9



#34
Trichloroethene
Concen: 6.760 ug/L
RT: 5.92 min Scan# 1503
Delta R.T. 0.01 min
Lab File: VV019896.D
Acq: 05 Jan 2021 14:54

Tgt Ion: 95 Resp: 30053
Ion Ratio Lower Upper
95 100
97 60.9 44.5 82.7
132 92.0 63.4 117.8
130 91.3 67.1 124.5





#46

Tetrachloroethene

Concen: 79.372 ug/L

RT: 7.98 min Scan# 2143

Delta R.T. 0.00 min

Lab File: VV019896.D

Acq: 05 Jan 2021 14:54

Instrument :

MSVOA_V

ClientSampleId :

BG4W3

Tot Ion:164 Resp: 235663

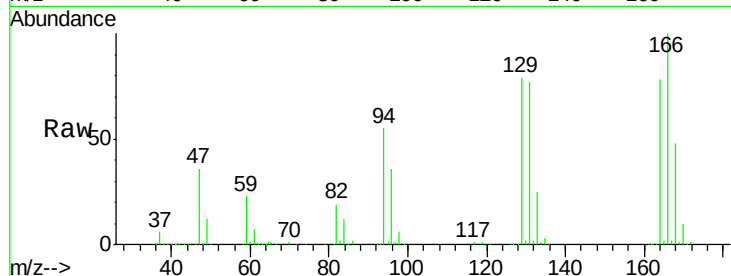
Ion Ratio Lower Upper

164 100

129 101.5 70.6 131.0

131 98.5 66.8 124.0

166 128.0 88.2 163.8



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

