

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV101920\
 Data File : VV018986.D
 Acq On : 19 Oct 2020 23:57
 Operator : SY/MD
 Sample : L4426-14 40X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3Z6

Quant Time: Oct 20 04:03:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM101420WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 20 03:20:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	334973	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	329616	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	149242	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	84988	30.82	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	61.64%
7) Chloroethane-d5	1.58	69	81705	37.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	74.80%
11) 1,1-Dichloroethene-d2	2.12	63	137642	26.44	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	52.88%#
21) 2-Butanone-d5	3.90	46	170674	88.80	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	88.80%
24) Chloroform-d	4.38	84	200875	40.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.10%
26) 1,2-Dichloroethane-d4	5.05	65	144399	43.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.82%
32) Benzene-d6	5.07	84	381797	39.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	79.36%
36) 1,2-Dichloropropane-d6	6.09	67	134377	43.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.36%
41) Toluene-d8	7.34	98	314823	36.47	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	72.94%#
43) trans-1,3-Dichloropropene-	7.64	79	57270	38.08	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.16%
47) 2-Hexanone-d5	8.11	63	97395	85.22	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	85.22%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	144940	40.20	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	80.40%
64) 1,2-Dichlorobenzene-d4	11.65	152	135512	44.63	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.26%

Target Compounds

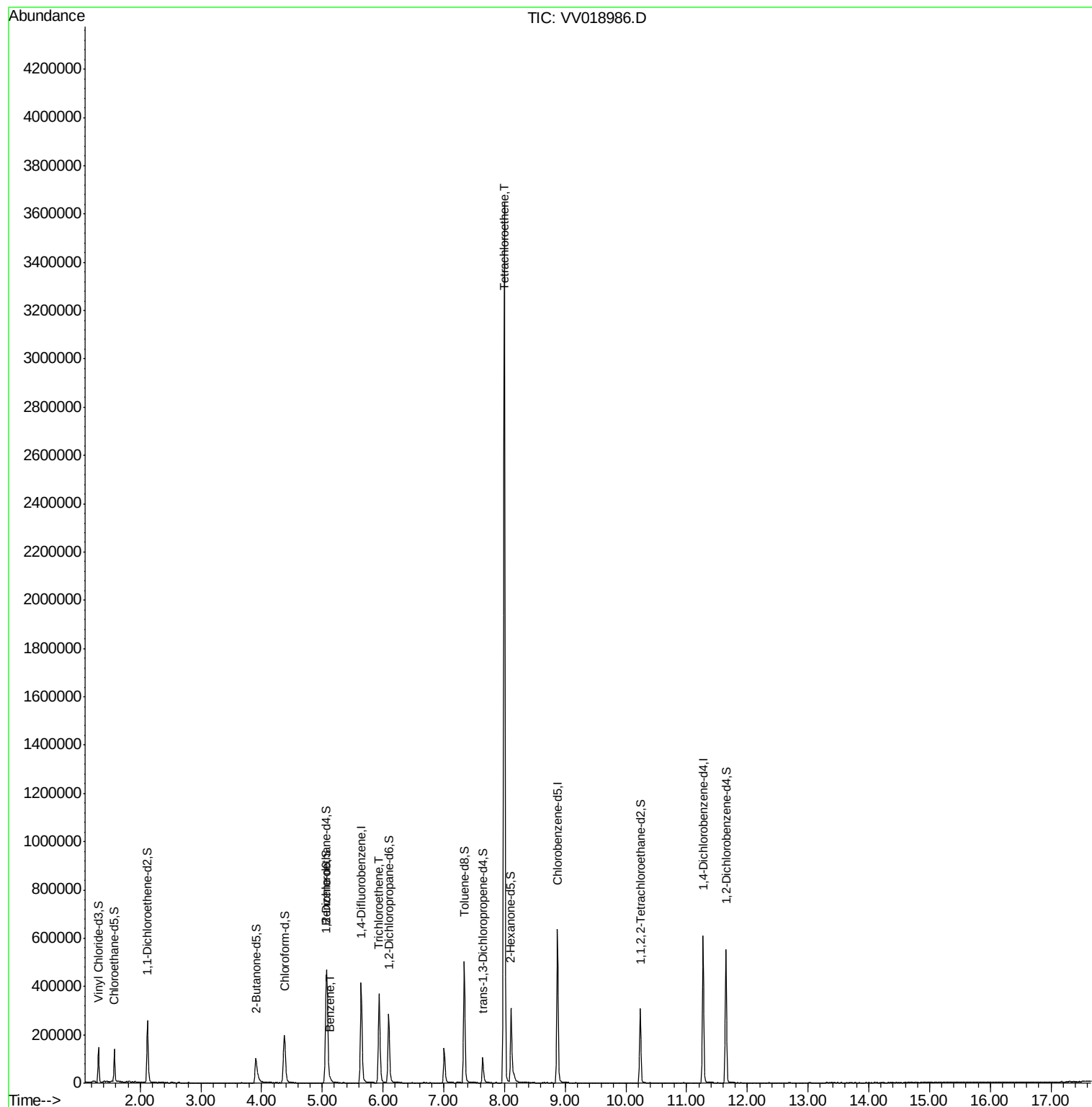
					Ovalue
33) Benzene	5.13	78	13856	1.371 ug/L	100
34) Trichloroethene	5.94	95	119300	40.943 ug/L	99
46) Tetrachloroethene	8.00	164	792740	386.043 ug/L	99

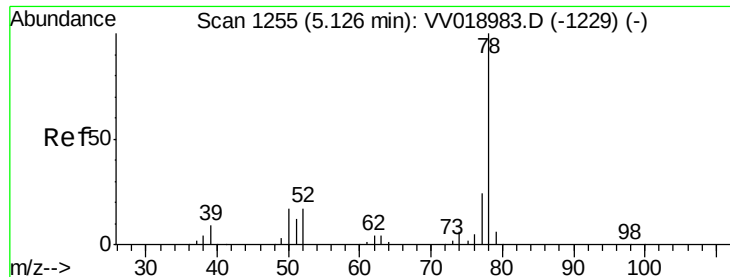
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#33

Benzene

Concen: 1.371 ug/L

RT: 5.13 min Scan# 1257

Delta R.T. 0.01 min

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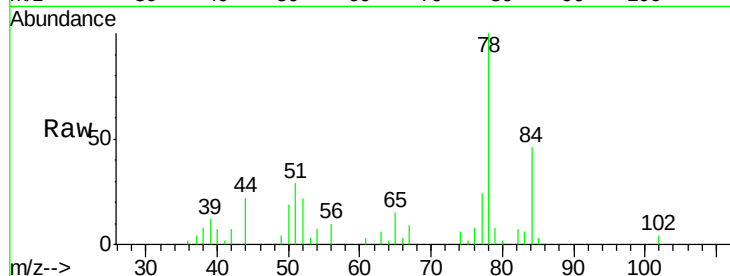
Instrument :

MSVOA_V

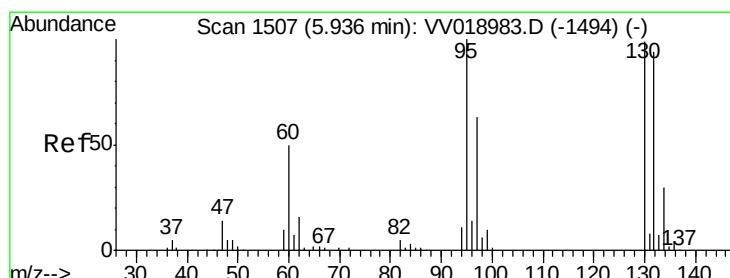
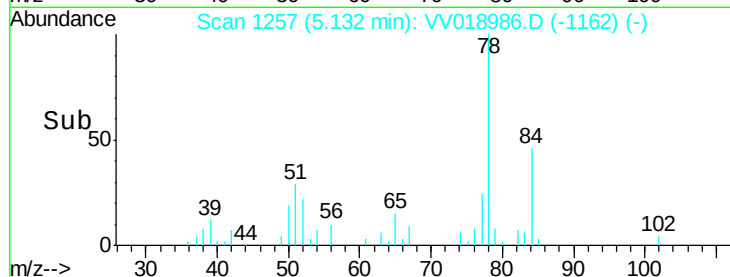
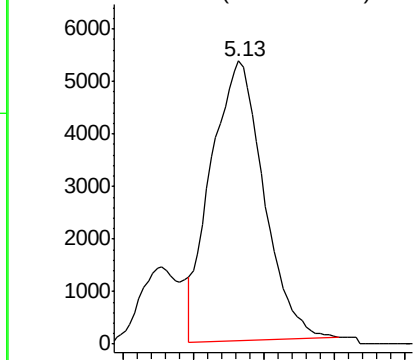
ClientSampleId :

BG3Z6

Tgt Ion: 78 Resp: 13856



Abundance Ion 78.00 (77.70 to 78.70): VV0



#34

Trichloroethene

Concen: 40.943 ug/L

RT: 5.94 min Scan# 1507

Delta R.T. -0.00 min

Lab File: VV018986.D

Acq: 19 Oct 2020 23:57

Tgt Ion: 95 Resp: 119300

Ion	Ratio	Lower	Upper
95	100		
97	64.5	44.7	82.9
132	94.6	67.0	124.4
130	100.3	70.8	131.6

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

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

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

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

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

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

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

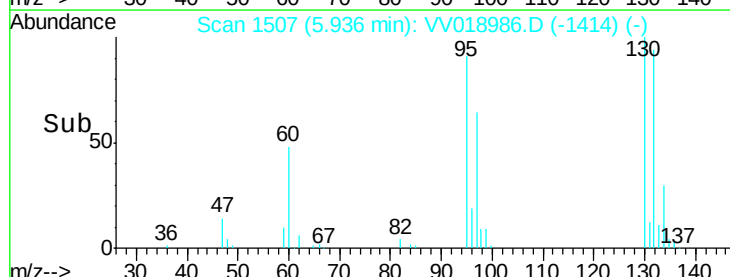
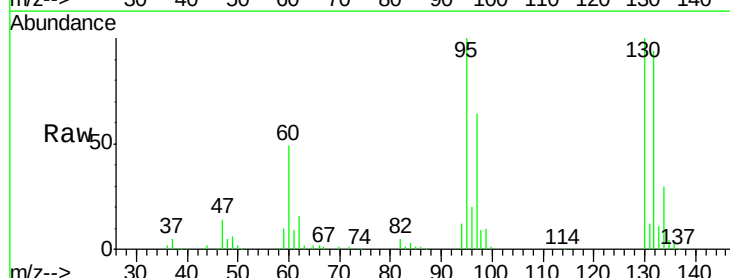
Ion 130.00 (129.70 to 130.70): VV0

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



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

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

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

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

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

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

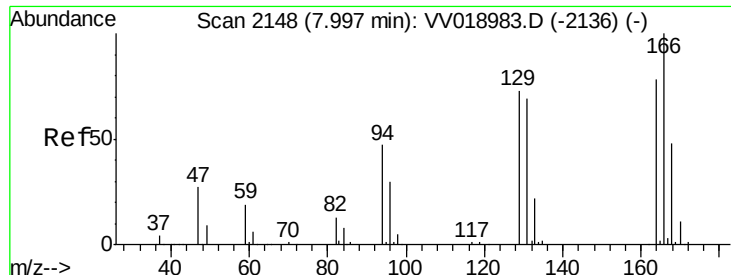
Ion 130.00 (129.70 to 130.70): VV0

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



#46

Tetrachloroethene

Concen: 386.043 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. -0.00 min

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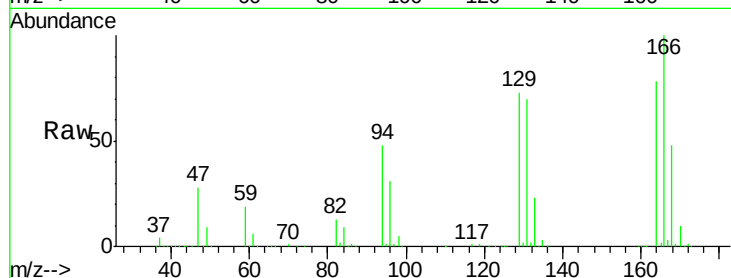
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Tot Ion:164 Resp: 792740

Ion Ratio Lower Upper

164 100

129 92.9 65.0 120.8

131 89.1 62.9 116.7

166 127.6 91.1 169.3

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

