

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092520\
 Data File : VV018462.D
 Acq On : 25 Sep 2020 17:47
 Operator : SY/MD
 Sample : L4108-15
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3M1

Quant Time: Sep 26 03:30:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Sep 26 02:48:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	297557	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	282202	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	143894	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	139269	57.43	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	114.86%
7) Chloroethane-d5	1.58	69	115004	57.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	115.92%
11) 1,1-Dichloroethene-d2	2.12	63	195624	43.98	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.96%
21) 2-Butanone-d5	3.91	46	176472	118.89	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	118.89%
24) Chloroform-d	4.38	84	238876	56.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	113.56%
26) 1,2-Dichloroethane-d4	5.06	65	157039	58.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	116.46%
32) Benzene-d6	5.08	84	508006	62.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	125.76%#
36) 1,2-Dichloropropane-d6	6.09	67	158730	61.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	123.68%#
41) Toluene-d8	7.34	98	455628	61.88	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	123.76%#
43) trans-1,3-Dichloropropene-	7.64	79	77732	59.59	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	119.18%
47) 2-Hexanone-d5	8.11	63	109642	112.76	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	112.76%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	194731	60.44	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	120.88%#
64) 1,2-Dichlorobenzene-d4	11.65	152	189845	64.24	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	128.48%#

Target Compounds

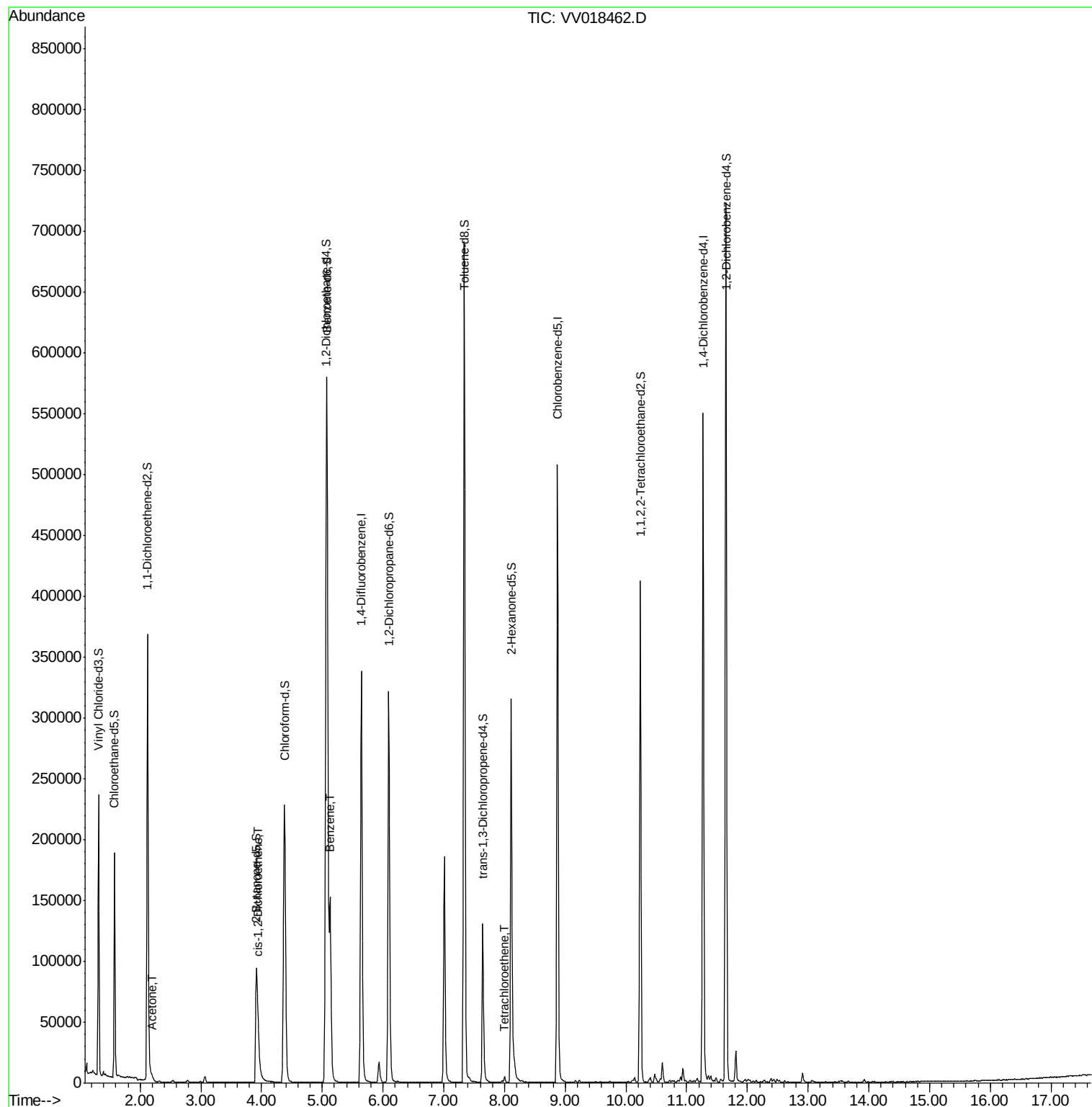
					Ovalue
13) Acetone	2.20	43	5742	4.831 ug/L	99
20) cis-1,2-Dichloroethene	3.95	96	5052	2.347 ug/L	89
33) Benzene	5.13	78	157221	19.486 ug/L	100
46) Tetrachloroethene	8.00	164	1178	0.684 ug/L	89

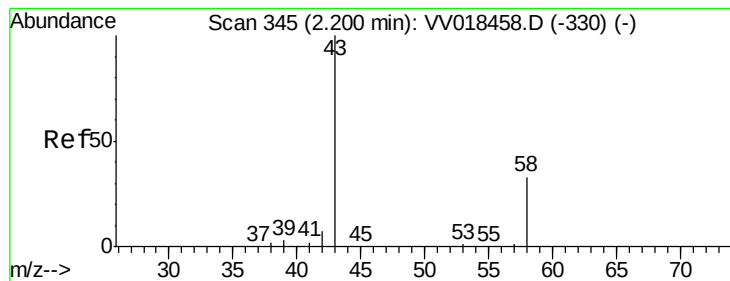
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 4.831 ug/L

RT: 2.20 min Scan# 345

Delta R.T. 0.00 min

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Instrument :

MSVOA_V

ClientSampleId :

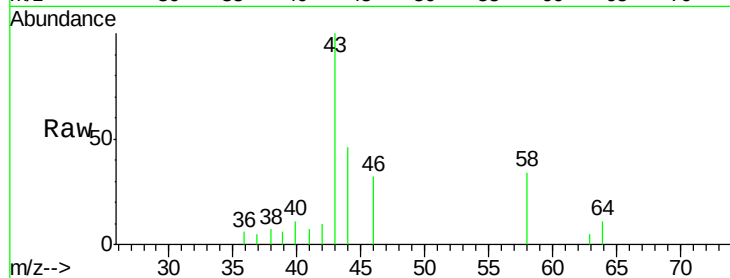
BG3M1

Tot Ion: 43 Resp: 5742

Ion Ratio Lower Upper

43 100

58 33.1 0.0 67.4



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

2500

2000

1500

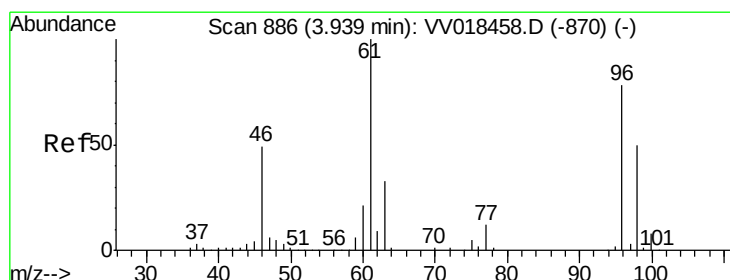
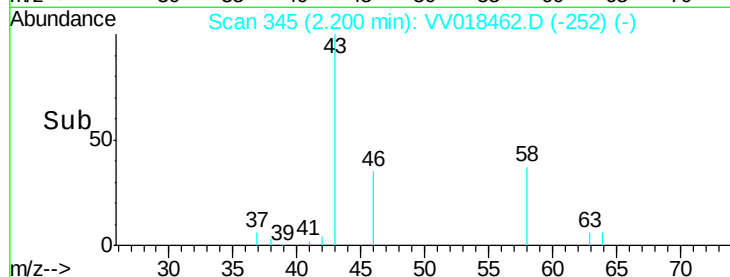
1000

500

0

2.15 2.20 2.25 2.30

Time-->



#20

cis-1,2-Dichloroethene

Concen: 2.347 ug/L

RT: 3.95 min Scan# 888

Delta R.T. 0.01 min

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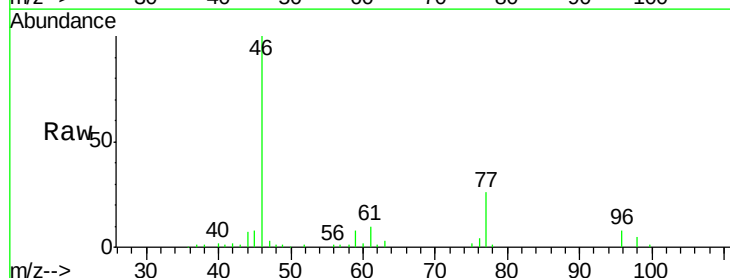
Tgt Ion: 96 Resp: 5052

Ion Ratio Lower Upper

96 100

61 120.4 93.6 173.8

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 68.00 (67.70 to 68.70): VV0

3000

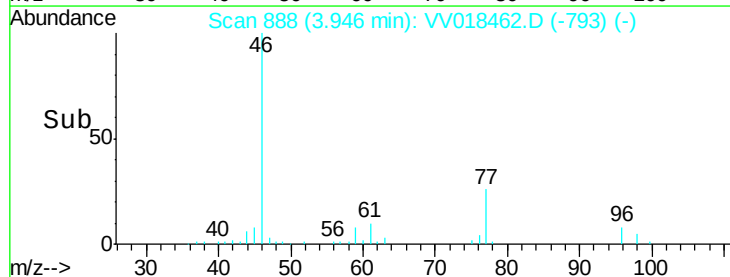
2000

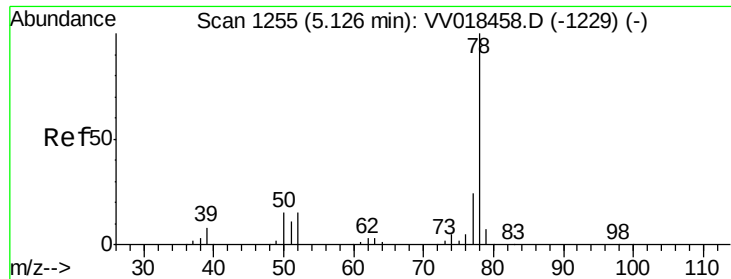
1000

0

3.90 3.95 4.00

Time-->





#33

Benzene

Concen: 19.486 ug/L

RT: 5.13 min Scan# 1256

Delta R.T. 0.00 min

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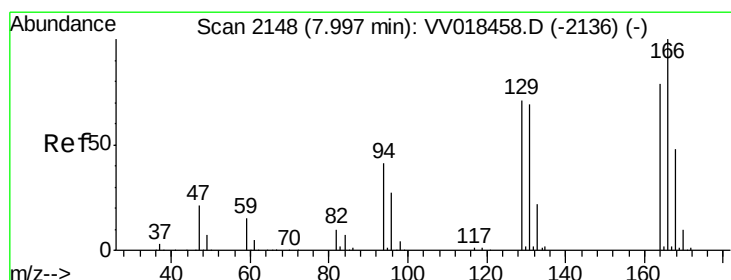
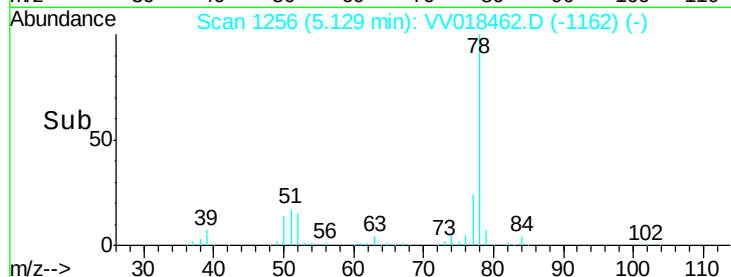
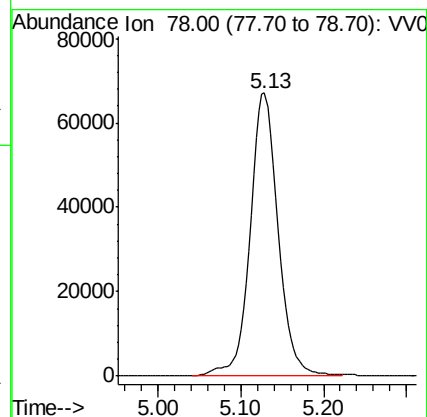
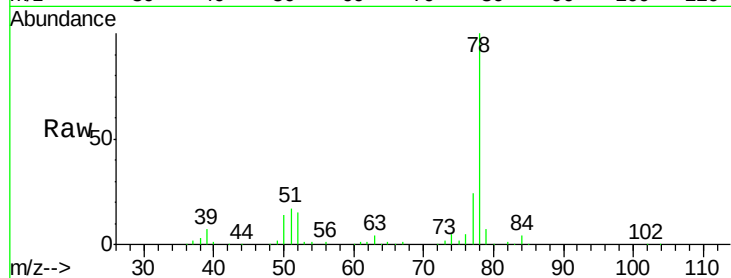
Instrument :

MSVOA_V

ClientSampled :

BG3M1

Tgt Ion: 78 Resp: 157221



#46

Tetrachloroethene

Concen: 0.684 ug/L

RT: 8.00 min Scan# 2149

Delta R.T. 0.00 min

Lab File: VV018462.D

Acq: 25 Sep 2020 17:47

Tgt Ion: 164 Resp: 1178

Ion	Ratio	Lower	Upper
164	100		
129	104.0	64.5	119.7
131	97.2	61.8	114.8
166	143.2	90.6	168.2

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

