

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062620\
 Data File : VV017199.D
 Acq On : 26 Jun 2020 22:05
 Operator : SY/MD
 Sample : L3103-18
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 27 00:28:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 27 00:23:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	347236	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	327335	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	150843	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	96824	39.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.04%
7) Chloroethane-d5	1.58	69	61994	42.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.34%
11) 1,1-Dichloroethene-d2	2.12	63	148813	36.17	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.34%
21) 2-Butanone-d5	3.90	46	144096	79.46	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	79.46%
24) Chloroform-d	4.38	84	218672	43.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.78%
26) 1,2-Dichloroethane-d4	5.06	65	161862	47.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.52%
32) Benzene-d6	5.08	84	408862	43.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.66%
36) 1,2-Dichloropropane-d6	6.09	67	122766	41.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	83.48%
41) Toluene-d8	7.34	98	376250	43.45	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.90%
43) trans-1,3-Dichloropropene-	7.64	79	62821	41.01	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.02%
47) 2-Hexanone-d5	8.11	63	97124	75.74	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	75.74%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	164787	42.32	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	84.64%
64) 1,2-Dichlorobenzene-d4	11.65	152	153752	47.76	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.52%

Target Compounds

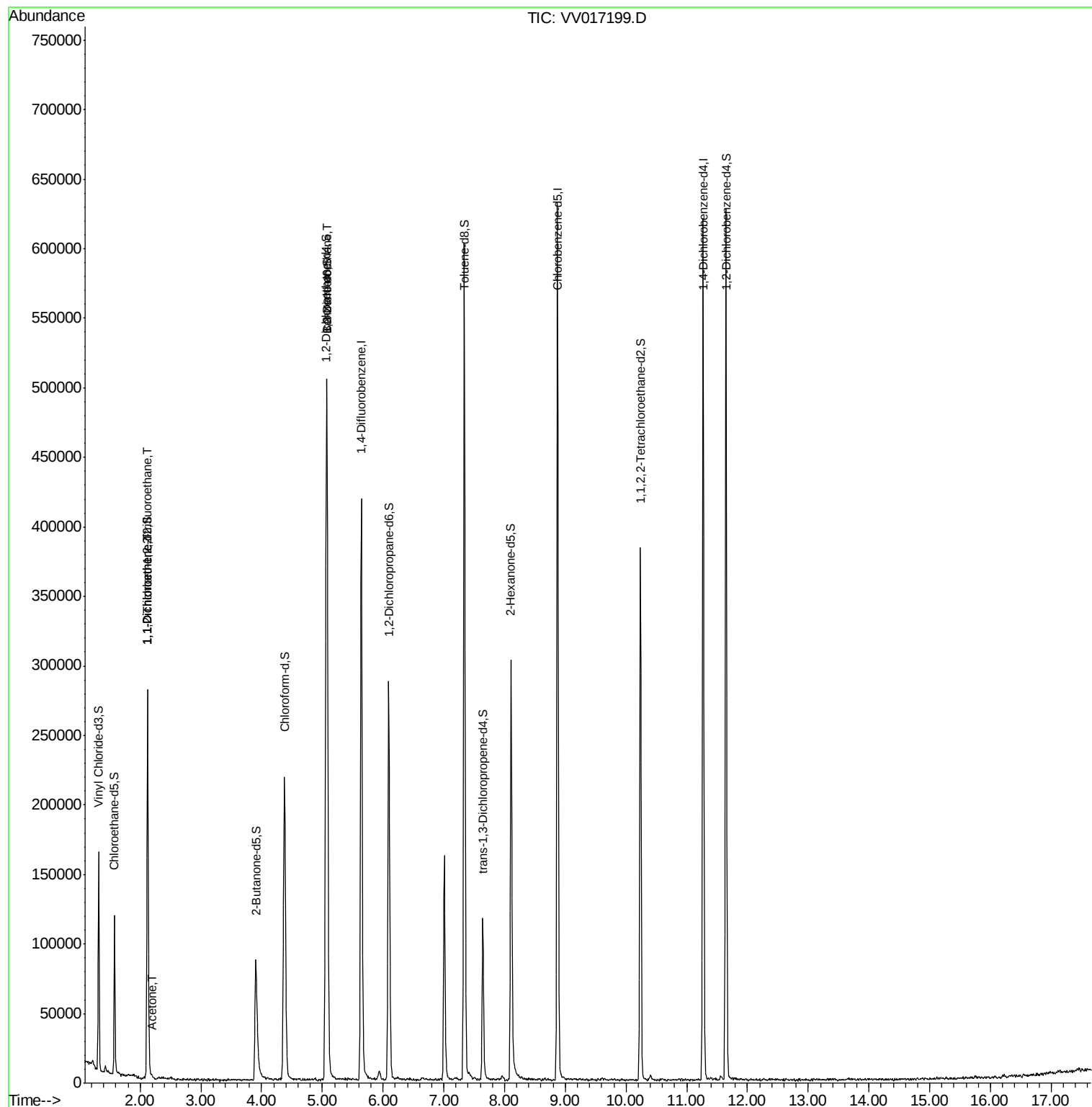
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1365	0.739 ug/L #	19
12) 1,1-Dichloroethene	2.12	96	1370	0.795 ug/L #	1
13) Acetone	2.19	43	3097	2.592 ug/L	64
27) 1,2-Dichloroethane	5.07	62	3226	0.847 ug/L	96

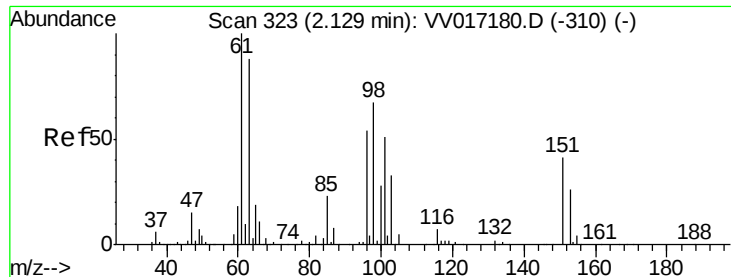
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.739 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV017199.D

Acq: 26 Jun 2020 22:05

Instrument :

MSVOA_V

ClientSampleId :

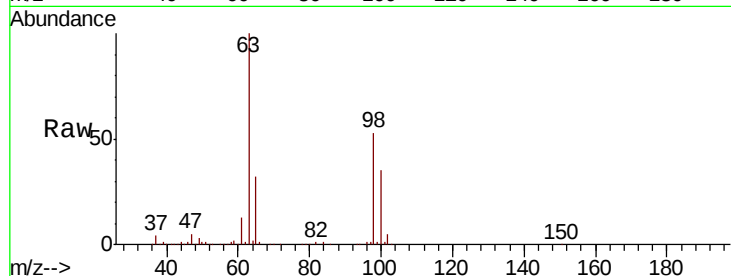
Tot Ion:101 Resp: 1365

Ion Ratio Lower Upper

101 100

85 3.1 35.5 53.3#

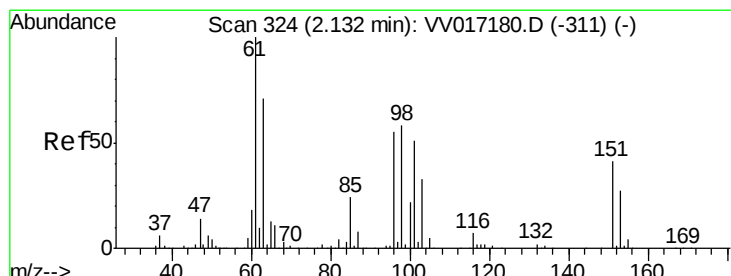
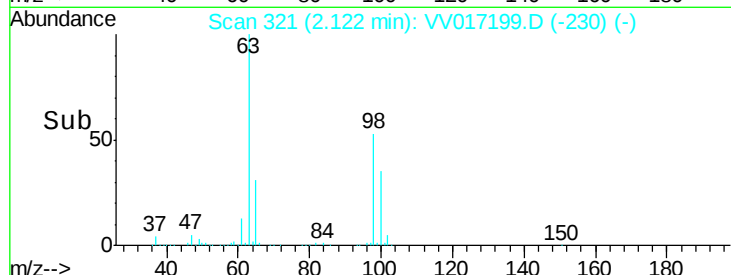
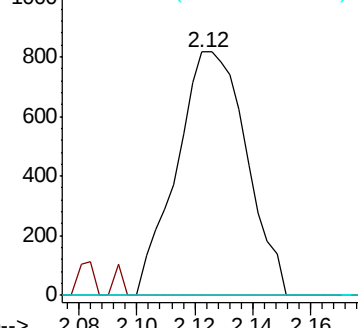
151 0.0 63.9 95.9#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 0.795 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV017199.D

Acq: 26 Jun 2020 22:05

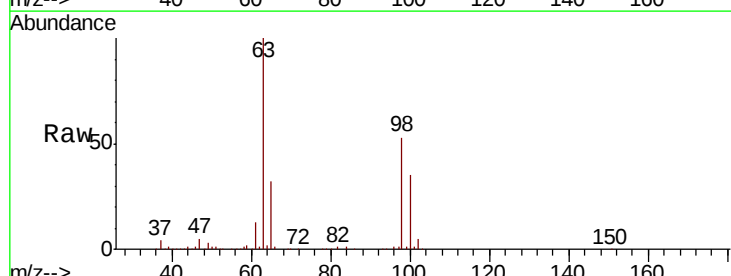
Tgt Ion: 96 Resp: 1370

Ion Ratio Lower Upper

96 100

61 1711.9 130.4 242.2#

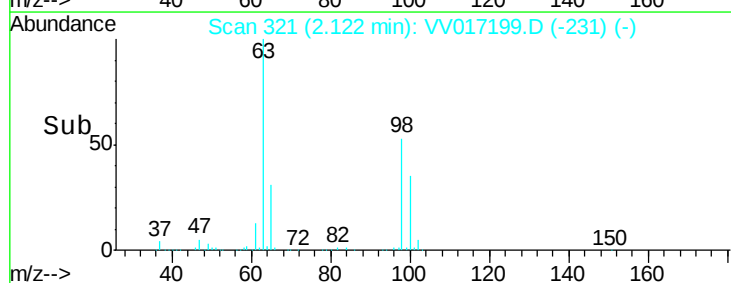
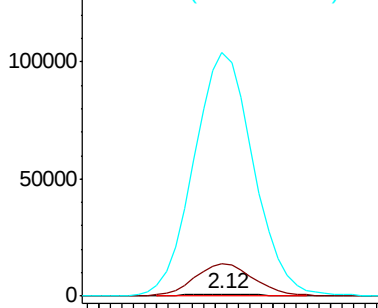
63 13070.7 103.3 191.9#

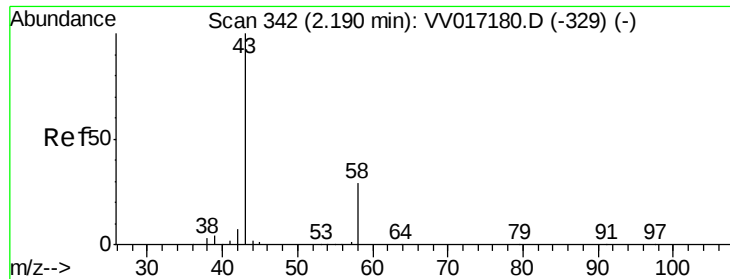


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0





#13

Acetone

Concen: 2.592 ug/L

RT: 2.19 min Scan# 342

Delta R.T. -0.00 min

Lab File: VV017199.D

Acq: 26 Jun 2020 22:05

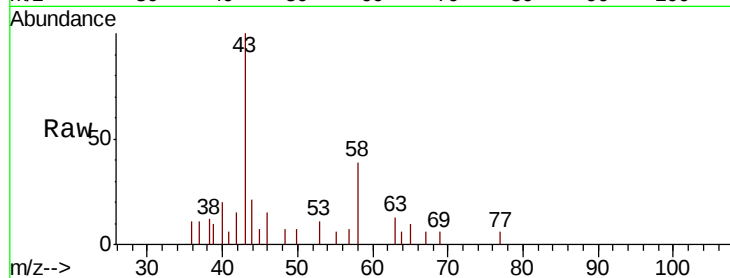
Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 43 Resp: 3097

Ion Ratio Lower Upper

43 100

58 46.2 0.0 55.2



Abundance Ion 43.00 (42.70 to 43.70): VV017180.D (-329) (-)

Ion 58.00 (57.70 to 58.70): VV017180.D (-329) (-)

2000

1500

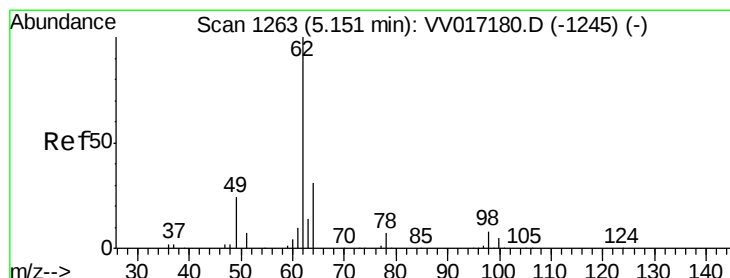
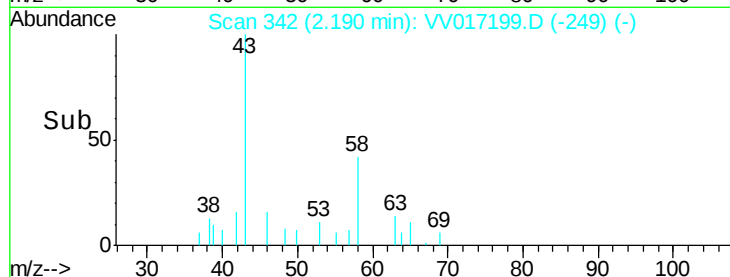
1000

500

0

2.15 2.20

Time-->



#27

1,2-Dichloroethane

Concen: 0.847 ug/L

RT: 5.07 min Scan# 1239

Delta R.T. -0.08 min

Lab File: VV017199.D

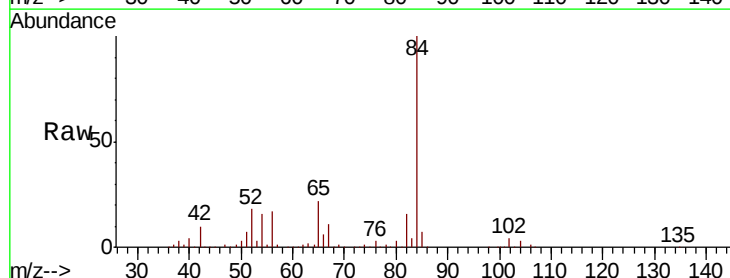
Acq: 26 Jun 2020 22:05

Tgt Ion: 62 Resp: 3226

Ion Ratio Lower Upper

62 100

98 7.7 7.4 11.2



Abundance Ion 62.00 (61.70 to 62.70): VV017199.D (-1170) (-)

Ion 98.00 (97.70 to 98.70): VV017199.D (-1170) (-)

1500

1000

500

0

5.00 5.05 5.10 5.15

Time-->

