

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062620\
 Data File : VV017202.D
 Acq On : 27 Jun 2020 00:24
 Operator : SY/MD
 Sample : L3118-06
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 27 03:32:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 27 03:31:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	351394	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	332521	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	154315	50.00	ug/L	0.00

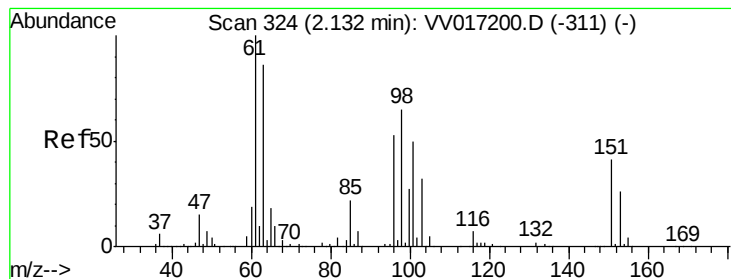
System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	97499	39.32	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.64%
7) Chloroethane-d5	1.58	69	65257	43.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.72%
11) 1,1-Dichloroethene-d2	2.12	63	150110	36.05	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.10%
21) 2-Butanone-d5	3.90	46	148562	80.95	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	80.95%
24) Chloroform-d	4.38	84	219923	43.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.24%
26) 1,2-Dichloroethane-d4	5.06	65	156795	45.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.44%
32) Benzene-d6	5.08	84	415415	43.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.68%
36) 1,2-Dichloropropane-d6	6.09	67	124339	41.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	83.22%
41) Toluene-d8	7.34	98	381017	43.32	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.64%
43) trans-1,3-Dichloropropene-	7.64	79	62680	40.28	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.56%
47) 2-Hexanone-d5	8.11	63	96356	73.97	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	73.97%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	161904	40.93	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	81.86%
64) 1,2-Dichlorobenzene-d4	11.65	152	154885	47.03	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.06%

Target Compounds

					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1401	0.750 ug/L #	22
12) 1,1-Dichloroethene	2.13	96	1362	0.781 ug/L #	1
13) Acetone	2.19	43	7514	6.214 ug/L	85
27) 1,2-Dichloroethane	5.07	62	2981	0.773 ug/L	97

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



#10

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

Concen: 0.750 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

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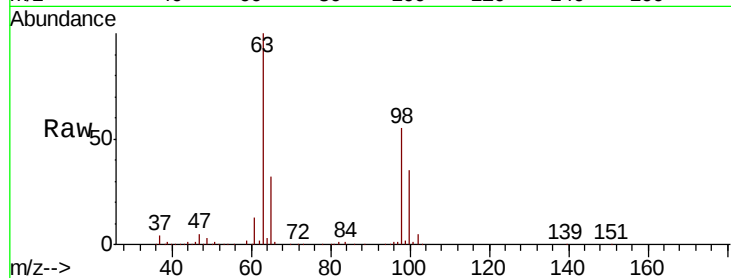
Tot Ion:101 Resp: 1401

Ion Ratio Lower Upper

101 100

85 4.8 35.5 53.3#

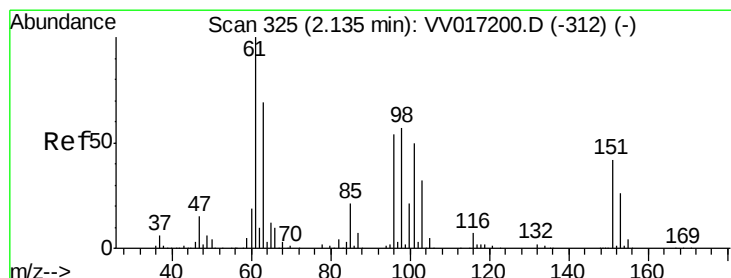
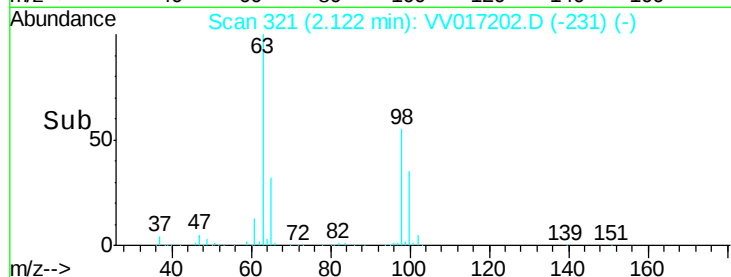
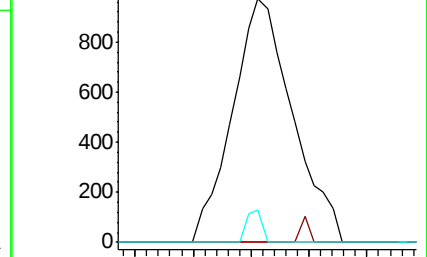
151 3.4 63.9 95.9#



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: 0.781 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV017202.D

Acq: 27 Jun 2020 00:24

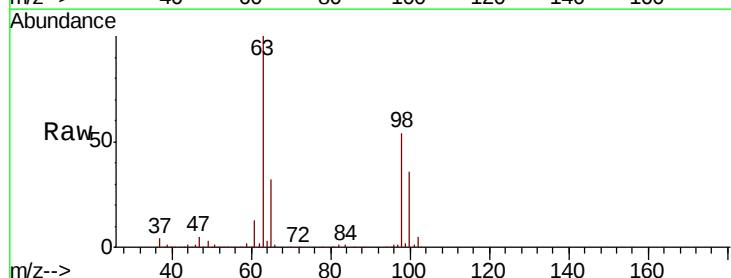
Tgt Ion: 96 Resp: 1362

Ion Ratio Lower Upper

96 100

61 1418.6 130.4 242.2#

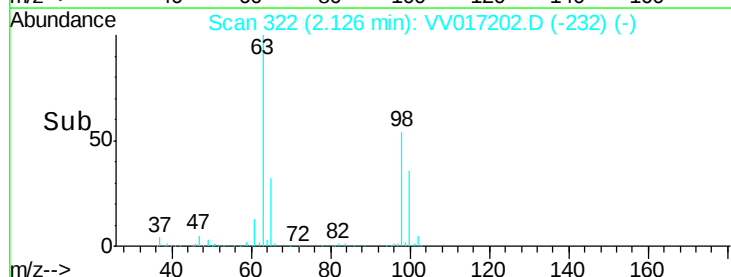
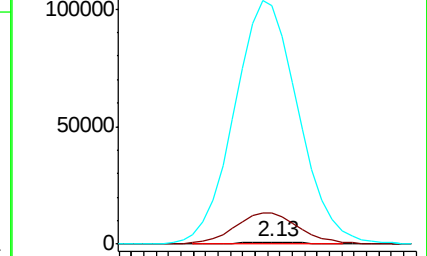
63 10918.7 103.3 191.9#

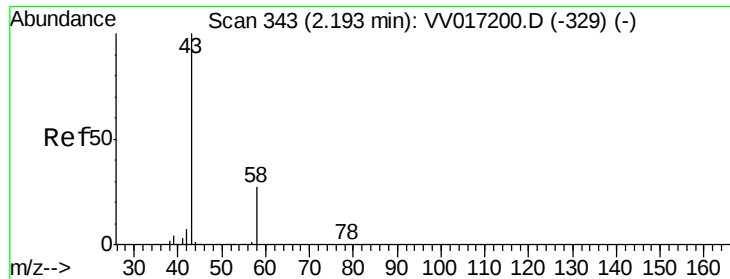


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0





#13

Acetone

Concen: 6.214 ug/L

RT: 2.19 min Scan# 342

Delta R.T. -0.00 min

Lab File: VV017202.D

Acq: 27 Jun 2020 00:24

Instrument :

MSVOA_V

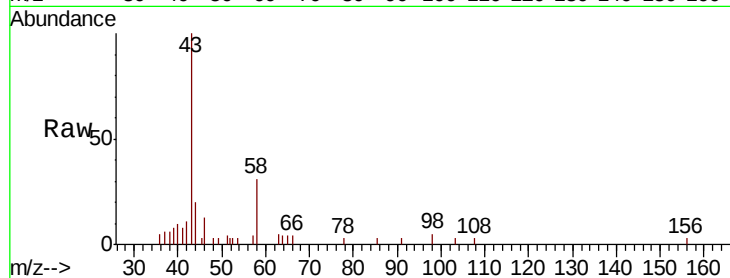
ClientSampleId :

Tot Ion: 43 Resp: 7514

Ion Ratio Lower Upper

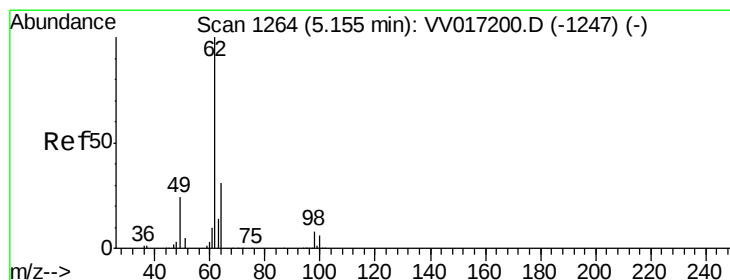
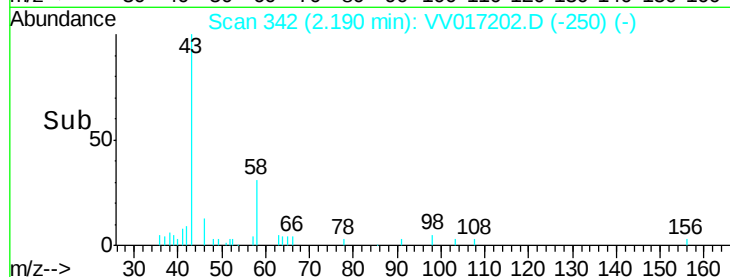
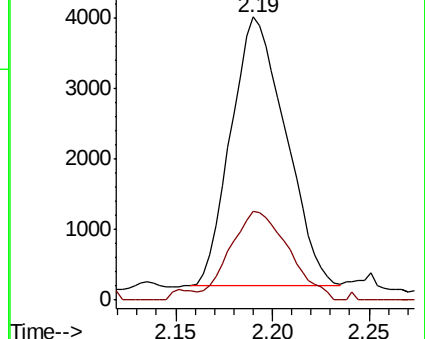
43 100

58 35.4 0.0 55.2



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0



#27

1,2-Dichloroethane

Concen: 0.773 ug/L

RT: 5.07 min Scan# 1238

Delta R.T. -0.08 min

Lab File: VV017202.D

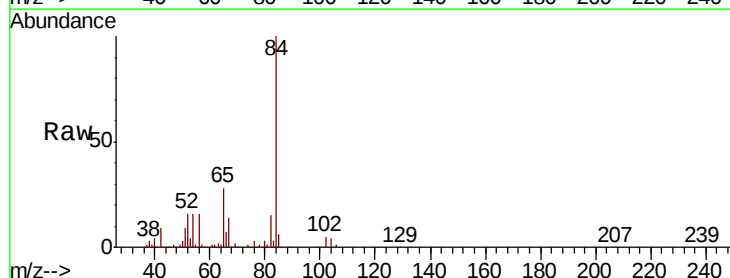
Acq: 27 Jun 2020 00:24

Tgt Ion: 62 Resp: 2981

Ion Ratio Lower Upper

62 100

98 8.4 7.4 11.2



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 98.00 (97.70 to 98.70): VV0

