

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV071720\
 Data File : VV017522.D
 Acq On : 17 Jul 2020 13:58
 Operator : SY/MD
 Sample : L3314-04
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F4C27

Quant Time: Jul 18 05:09:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM070820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jul 18 05:06:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	285220	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	271669	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	128401	50.00	ug/L	0.00

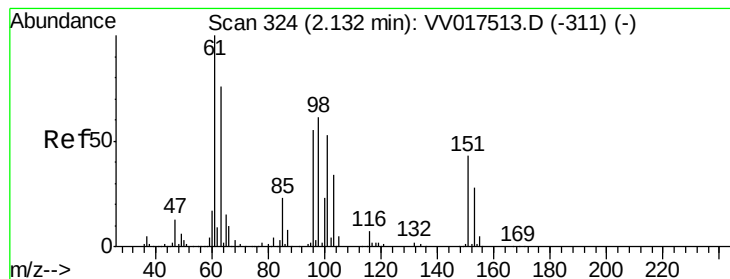
System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	71005	47.82	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.64%
7) Chloroethane-d5	1.58	69	62017	59.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	118.92%
11) 1,1-Dichloroethene-d2	2.12	63	149635	44.51	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.02%
21) 2-Butanone-d5	3.91	46	95324	93.99	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.99%
24) Chloroform-d	4.38	84	156419	45.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.08%
26) 1,2-Dichloroethane-d4	5.06	65	116674	49.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.98%
32) Benzene-d6	5.07	84	284334	48.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.90%
36) 1,2-Dichloropropane-d6	6.09	67	81307	48.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.22%
41) Toluene-d8	7.34	98	267141	47.35	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.70%
43) trans-1,3-Dichloropropene-	7.64	79	46811	47.59	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.18%
47) 2-Hexanone-d5	8.11	63	76569	110.40	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	110.40%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	116998	49.31	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.62%
64) 1,2-Dichlorobenzene-d4	11.65	152	112915	52.60	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.20%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	4388	2.317	ug/L #	68
12) 1,1-Dichloroethene	2.13	96	15731	9.183	ug/L #	1
13) Acetone	2.19	43	28102	20.356	ug/L	98
19) 1,1-Dichloroethane	3.22	63	4398	1.284	ug/L #	91
34) Trichloroethene	5.95	95	6252	2.932	ug/L	96
48) 2-Hexanone	8.11	43	9837	5.003	ug/L #	69

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



#10

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

Concen: 2.317 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV017522.D

Acq: 17 Jul 2020 13:58

Instrument :

MSVOA_V

ClientSampleId :

F4C27

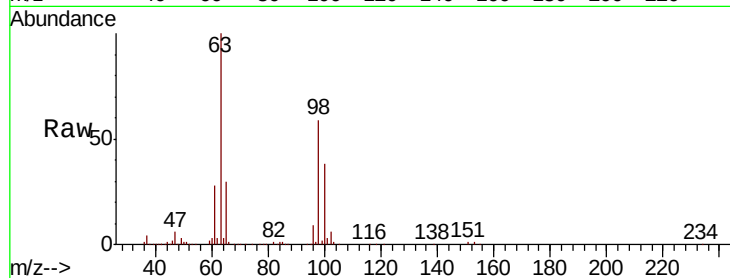
Tot Ion:101 Resp: 4388

Ion Ratio Lower Upper

101 100

85 31.2 36.2 54.4#

151 49.5 66.8 100.2#

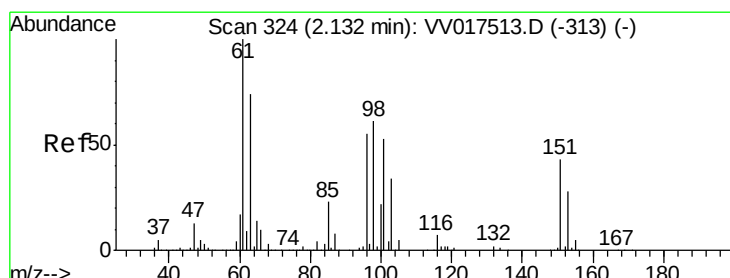
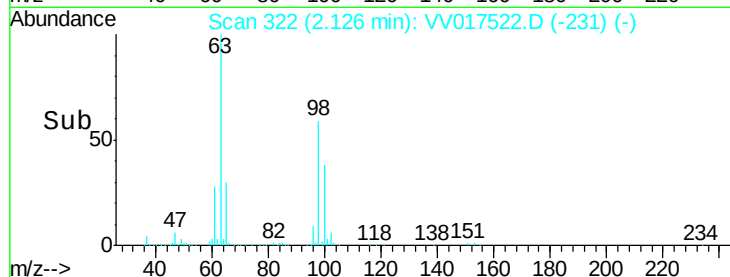


Abundance Ion 101.00 (100.70 to 101.70): VV017513.D (-311) (-)

Ion 85.00 (84.70 to 85.70): VV017513.D (-311) (-)

Ion 151.00 (150.70 to 151.70): VV017513.D (-311) (-)

Time-->



#12

1,1-Dichloroethene

Concen: 9.183 ug/L

RT: 2.13 min Scan# 324

Delta R.T. 0.00 min

Lab File: VV017522.D

Acq: 17 Jul 2020 13:58

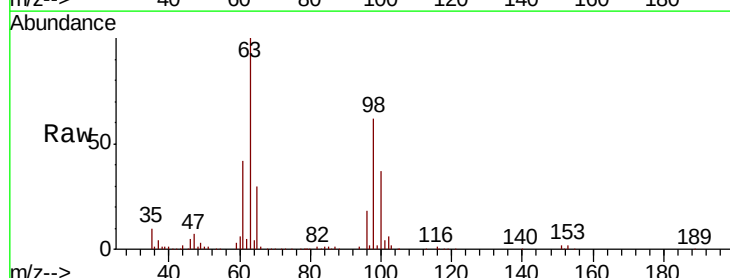
Tgt Ion: 96 Resp: 15731

Ion Ratio Lower Upper

96 100

61 238.6 132.7 246.4

63 565.1 103.3 191.8#

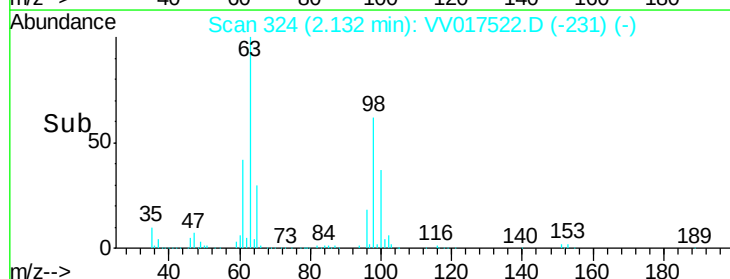


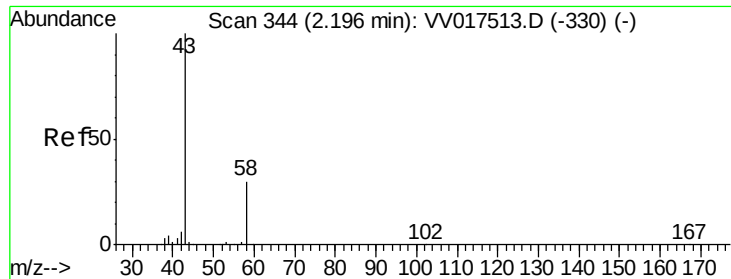
Abundance Ion 96.00 (95.70 to 96.70): VV017513.D (-313) (-)

Ion 61.00 (60.70 to 61.70): VV017513.D (-313) (-)

Ion 63.00 (62.70 to 63.70): VV017513.D (-313) (-)

Time-->





#13

Acetone

Concen: 20.356 ug/L

RT: 2.19 min Scan# 342

Delta R.T. -0.01 min

Lab File: VV017522.D

Acq: 17 Jul 2020 13:58

Instrument :

MSVOA_V

ClientSampleId :

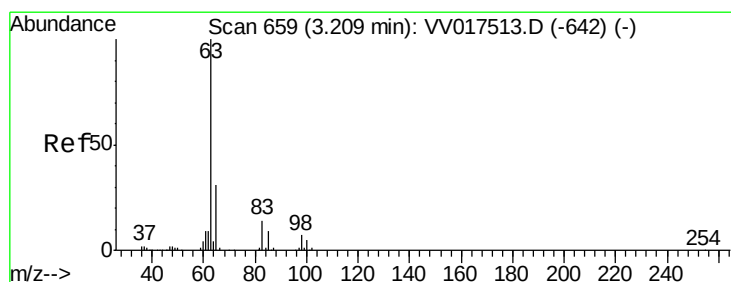
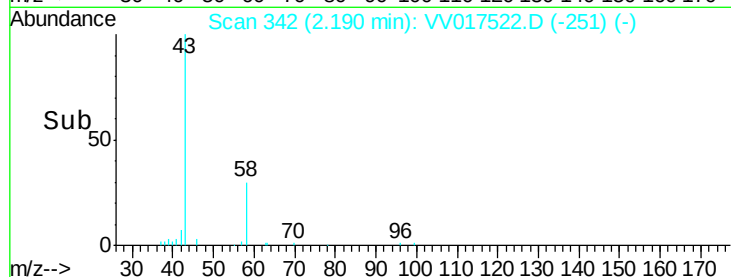
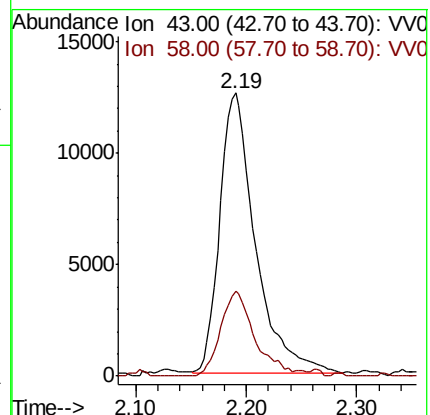
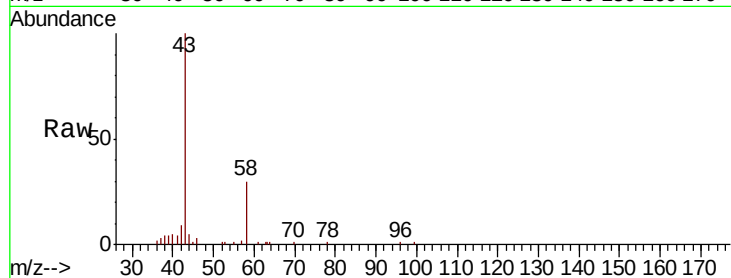
F4C27

Tot Ion: 43 Resp: 28102

Ion Ratio Lower Upper

43 100

58 28.9 0.0 56.0



#19

1,1-Dichloroethane

Concen: 1.284 ug/L

RT: 3.22 min Scan# 661

Delta R.T. 0.01 min

Lab File: VV017522.D

Acq: 17 Jul 2020 13:58

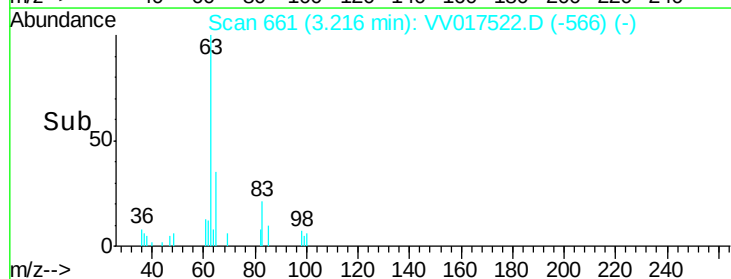
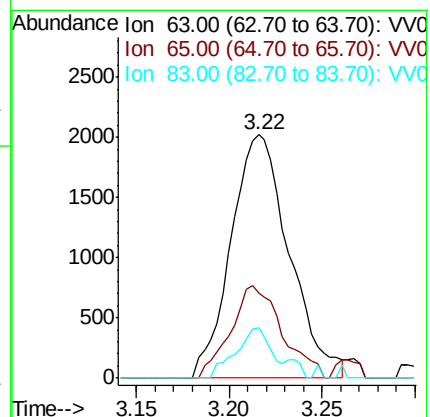
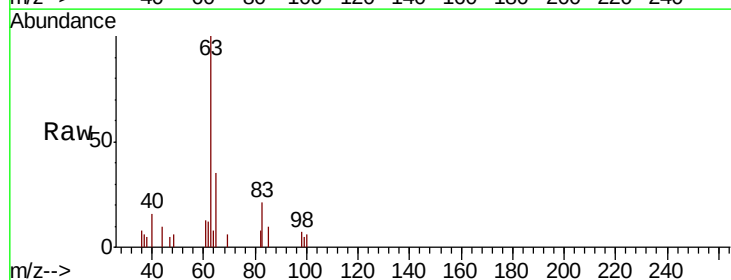
Tgt Ion: 63 Resp: 4398

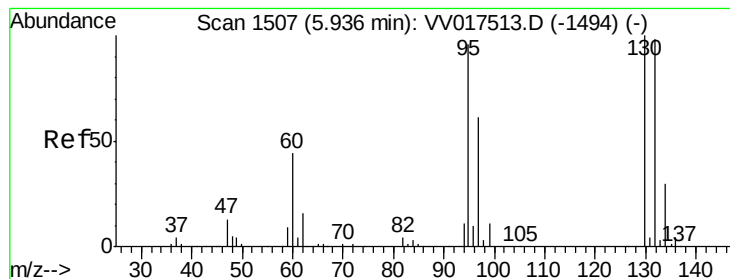
Ion Ratio Lower Upper

63 100

65 35.1 22.1 41.1

83 20.8 10.1 18.9#





#34

Trichloroethene

Concen: 2.932 ug/L

RT: 5.95 min Scan# 1510

Delta R.T. 0.01 min

Lab File: VV017522.D

Acq: 17 Jul 2020 13:58

Instrument :

MSVOA_V

ClientSampleId :

F4C27

Tot Ion: 95 Resp: 6252

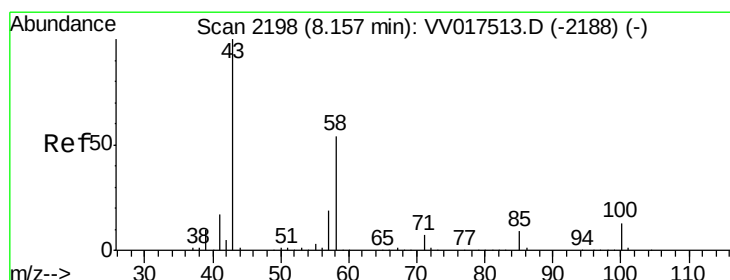
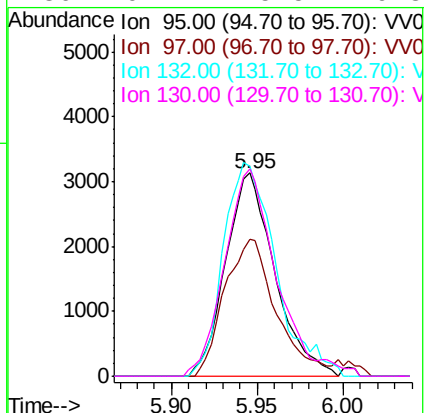
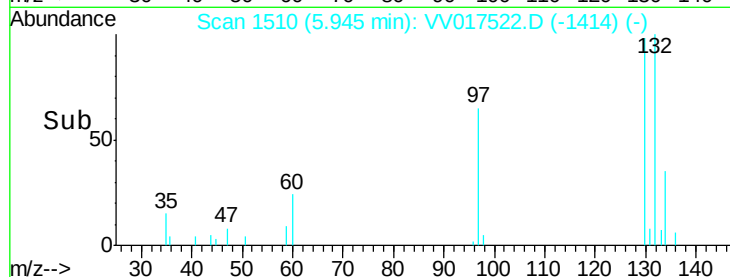
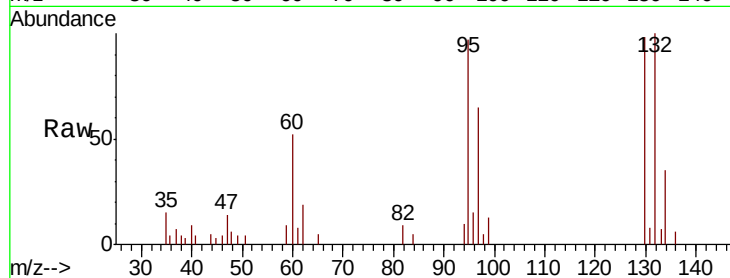
Ion Ratio Lower Upper

95 100

97 67.7 45.6 84.6

132 103.5 74.1 137.5

130 101.7 75.5 140.3



#48

2-Hexanone

Concen: 5.003 ug/L

RT: 8.11 min Scan# 2182

Delta R.T. -0.05 min

Lab File: VV017522.D

Acq: 17 Jul 2020 13:58

Tgt Ion: 43 Resp: 9837

Ion Ratio Lower Upper

43 100

58 27.8 42.6 64.0#

57 29.0 16.2 24.4#

100 0.7 10.9 16.3#

