

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062218\
 Data File : VV006422.D
 Acq On : 22 Jun 2018 19:32
 Operator : SY/MD
 Sample : J3673-02
 Misc : 25 mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DAZ97

Quant Time: Jun 23 00:30:10 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR053118WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jun 22 23:56:13 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	297030	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	268837	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	122110	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	68595	4.23	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.60%
7) Chloroethane-d5	1.58	69	66034	5.08	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.60%
11) 1,1-Dichloroethene-d2	2.14	63	218615	6.93	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	138.60%#
20) 2-Butanone-d5	3.95	46	218757	63.51	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	127.02%
24) Chloroform-d	4.41	84	149600	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.20%
26) 1,2-Dichloroethane-d4	5.09	65	76224	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.40%
32) Benzene-d6	5.11	84	311098	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.40%
36) 1,2-Dichloropropane-d6	6.13	67	98133	5.05	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.00%
41) Toluene-d8	7.37	98	273475	4.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.80%
43) trans-1,3-Dichloropropene-	7.67	79	29277	3.37	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	67.40%
46) 2-Hexanone-d5	8.14	63	171618	45.73	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.46%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	65569	4.66	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.20%
64) 1,2-Dichlorobenzene-d4	11.68	152	104817	4.95	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.00%

Target Compounds

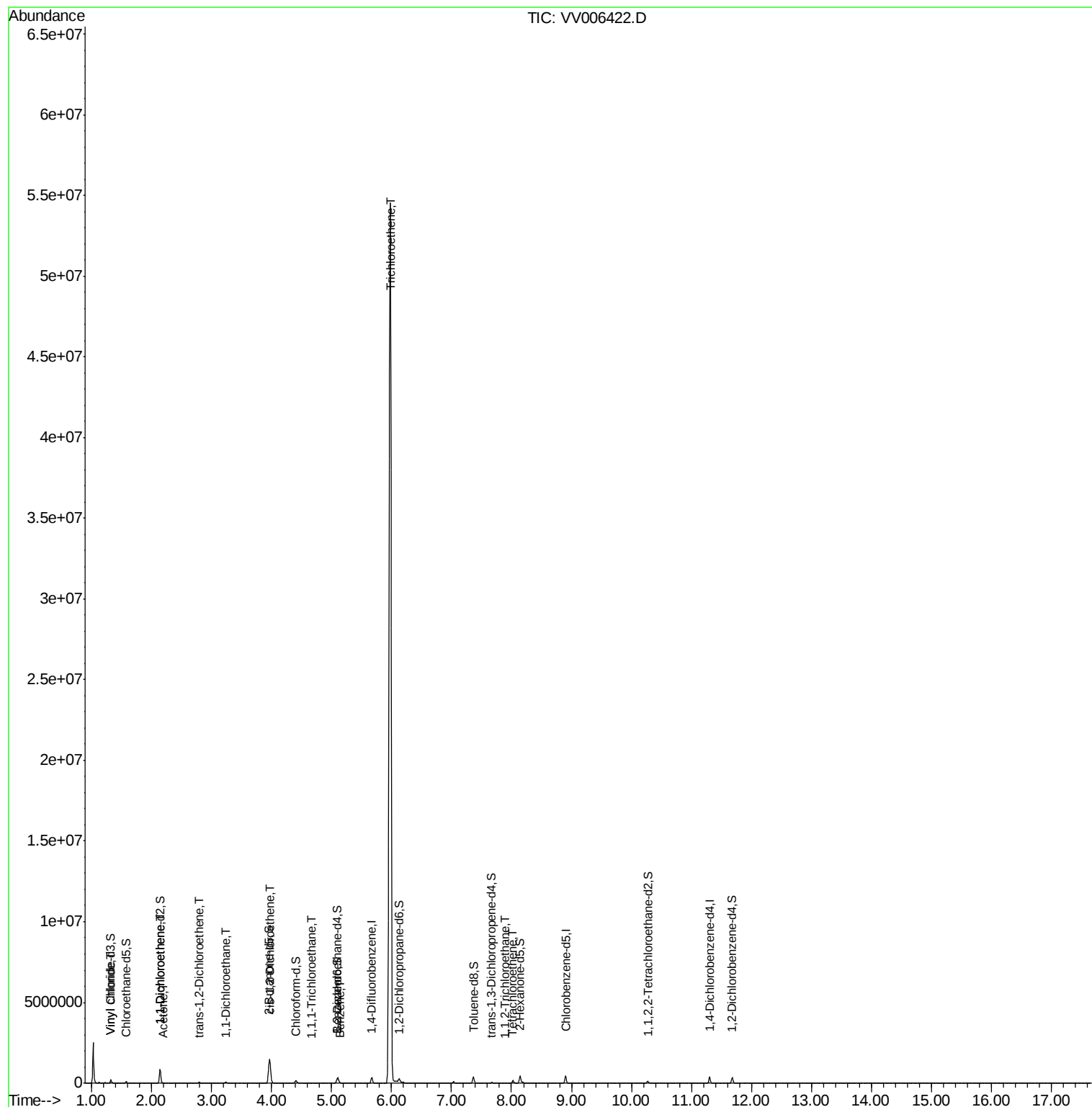
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.32	62	62488	2.73	ug/L	99
12) 1,1-Dichloroethene	2.14	96	240446	14.11	ug/L #	78
13) Acetone	2.20	43	5154	2.76	ug/L	86
18) trans-1,2-Dichloroethene	2.80	96	16952	0.91	ug/L	96
19) 1,1-Dichloroethane	3.23	63	56768	1.81	ug/L	98
22) cis-1,2-Dichloroethene	3.97	96	837983	41.64	ug/L #	99
29) 1,1,1-Trichloroethane	4.67	97	6573	0.22	ug/L	96
33) Benzene	5.15	78	15550	0.21	ug/L	100
34) Trichloroethene	5.97	95	21653529	1070.32	ug/L	94
45) 1,1,2-Trichloroethane	7.89	97	3393	0.27	ug/L	92
47) Tetrachloroethene	8.02	164	42373	2.62	ug/L	97

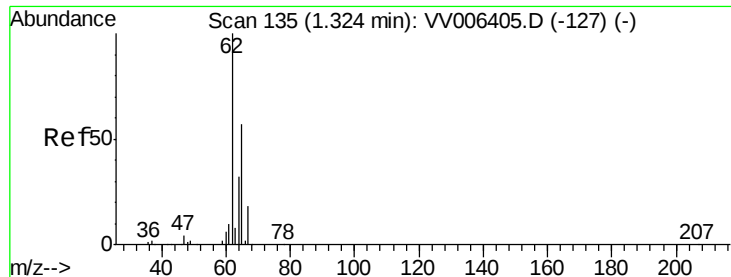
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jun 22 23:56:13 2018
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 2.73 ug/L

RT: 1.32 min Scan# 135

Delta R.T. -0.00 min

Lab File: VV006422.D

Acq: 22 Jun 2018 19:32

Instrument :

MSVOA_V

ClientSampled :

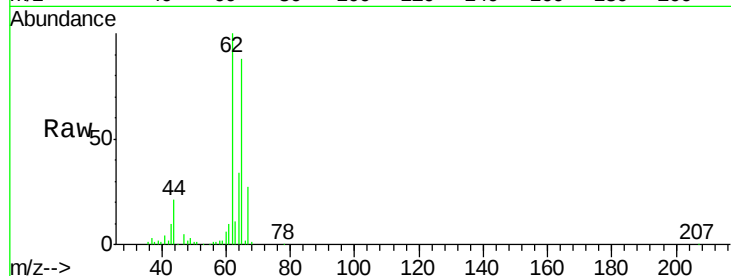
DAZ97

Tot Ion: 62 Resp: 62488

Ion Ratio Lower Upper

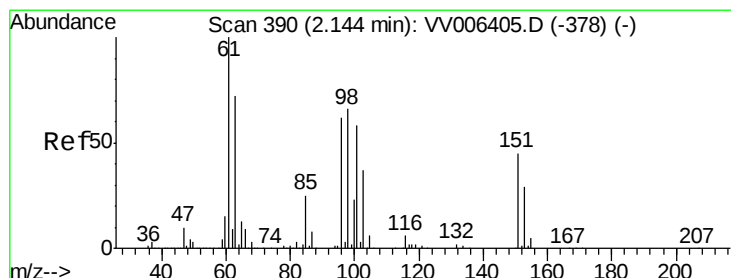
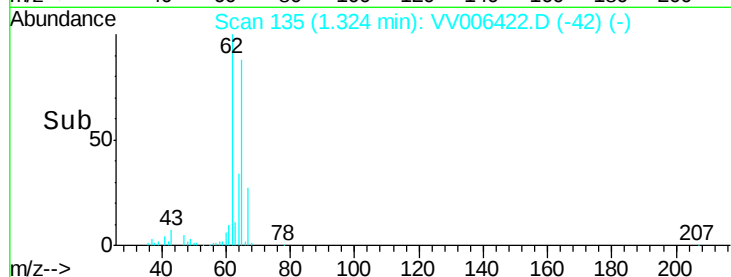
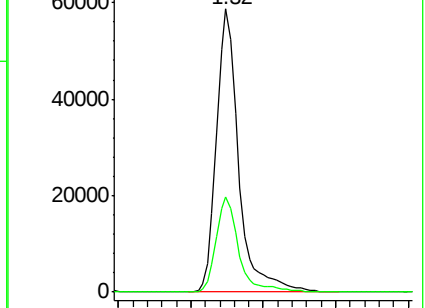
62 100

64 33.6 23.1 42.9



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.10 (63.80 to 64.80): VV0



#12

1,1-Dichloroethene

Concen: 14.11 ug/L

RT: 2.14 min Scan# 390

Delta R.T. -0.00 min

Lab File: VV006422.D

Acq: 22 Jun 2018 19:32

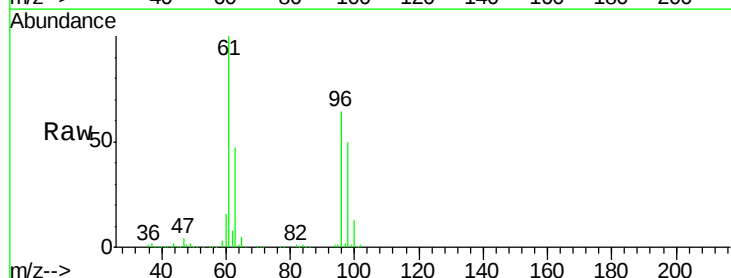
Tgt Ion: 96 Resp: 240446

Ion Ratio Lower Upper

96 100

61 155.5 114.2 212.2

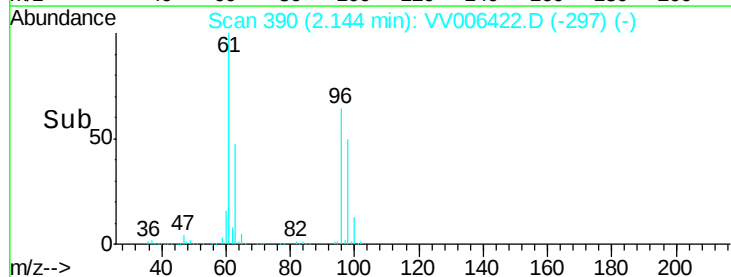
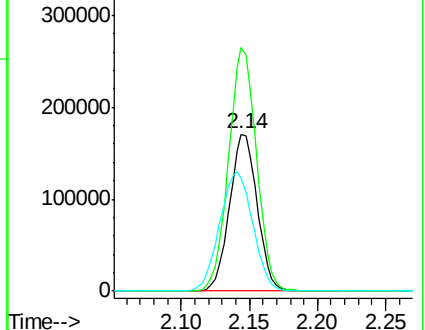
63 72.5 85.0 157.8#

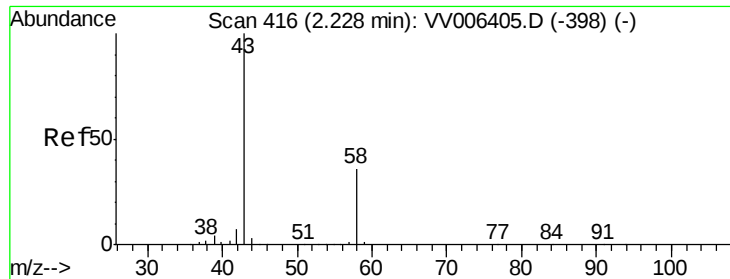


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0





#13

Acetone

Concen: 2.76 ug/L

RT: 2.20 min Scan# 407

Delta R.T. -0.03 min

Lab File: VV006422.D

Acq: 22 Jun 2018 19:32

Instrument :

MSVOA_V

ClientSampled :

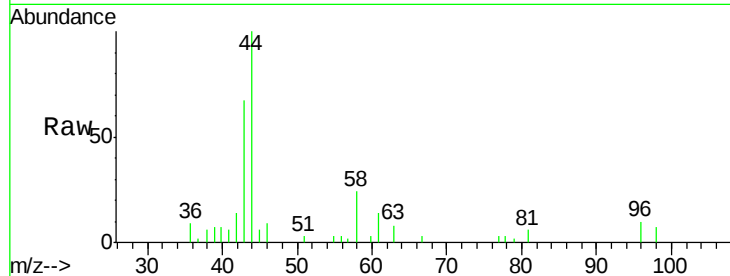
DAZ97

Tot Ion: 43 Resp: 5154

Ion Ratio Lower Upper

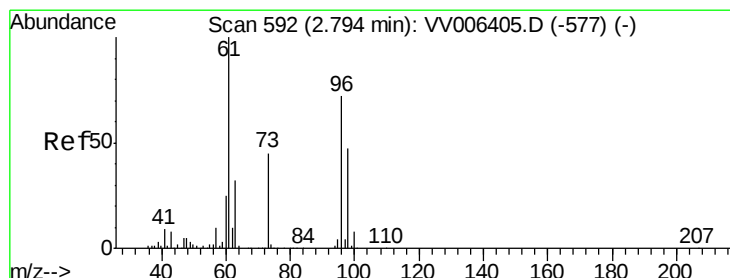
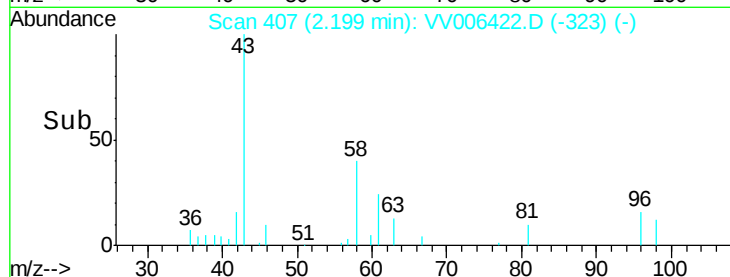
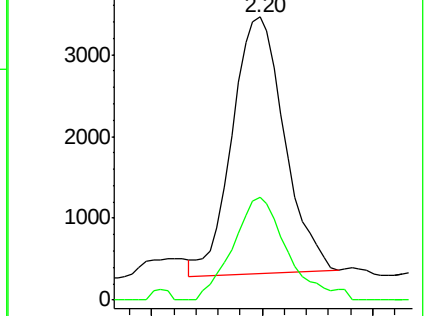
43 100

58 42.0 0.0 67.4



Abundance Ion 43.05 (42.75 to 43.75): VV006422.D (-323) (-)

Ion 58.05 (57.75 to 58.75): VV006422.D (-323) (-)



#18

trans-1,2-Dichloroethene

Concen: 0.91 ug/L

RT: 2.80 min Scan# 593

Delta R.T. 0.00 min

Lab File: VV006422.D

Acq: 22 Jun 2018 19:32

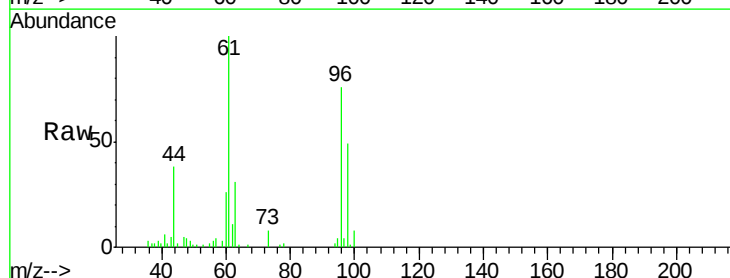
Tgt Ion: 96 Resp: 16952

Ion Ratio Lower Upper

96 100

61 131.2 96.3 178.9

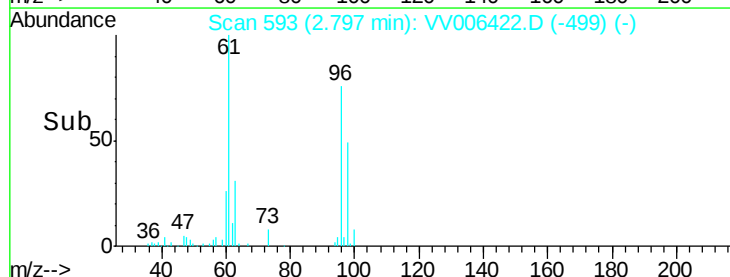
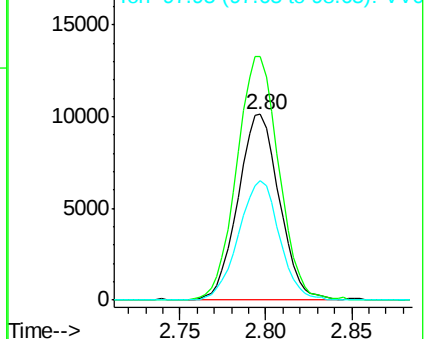
98 64.2 45.4 84.2

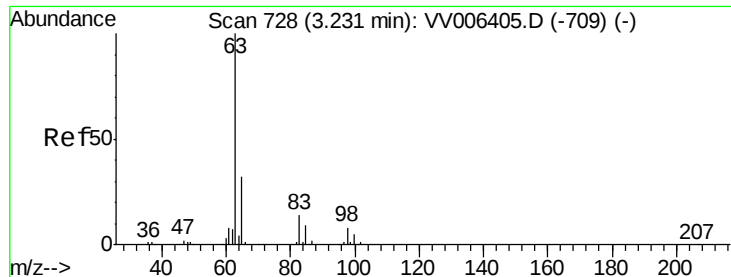


Abundance Ion 96.00 (95.70 to 96.70): VV006422.D (-499) (-)

Ion 61.05 (60.75 to 61.75): VV006422.D (-499) (-)

Ion 97.95 (97.65 to 98.65): VV006422.D (-499) (-)





#19

1,1-Dichloroethane

Concen: 1.81 ug/L

RT: 3.23 min Scan# 729

Delta R.T. 0.00 min

Lab File: VV006422.D

Acq: 22 Jun 2018 19:32

Instrument :

MSVOA_V

ClientSampled :

DAZ97

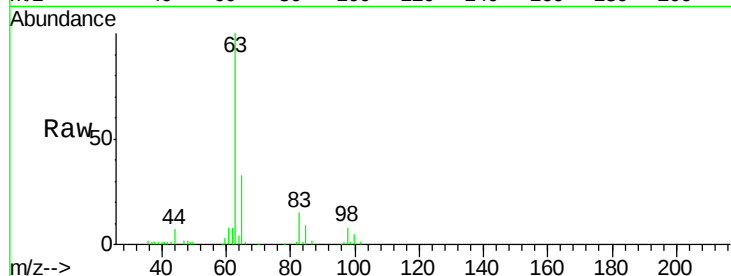
Tot Ion: 63 Resp: 56768

Ion Ratio Lower Upper

63 100

65 33.4 22.3 41.3

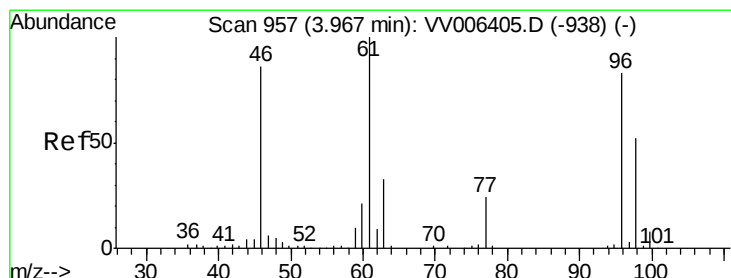
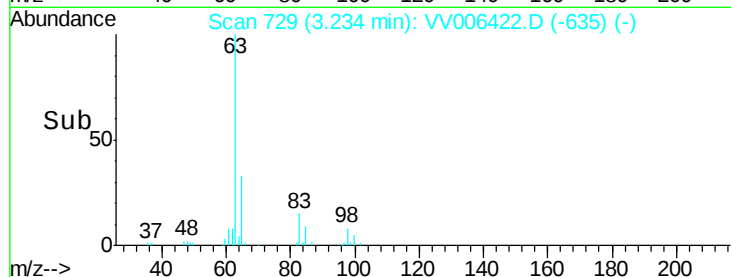
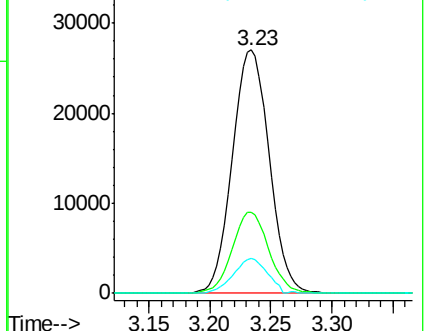
83 14.6 10.0 18.6



Abundance Ion 63.10 (62.80 to 63.80): VV006422.D (-635) (-)

Ion 65.10 (64.80 to 65.80): VV006422.D (-635) (-)

Ion 83.05 (82.75 to 83.75): VV006422.D (-635) (-)



#22

cis-1,2-Dichloroethene

Concen: 41.64 ug/L

RT: 3.97 min Scan# 958

Delta R.T. 0.00 min

Lab File: VV006422.D

Acq: 22 Jun 2018 19:32

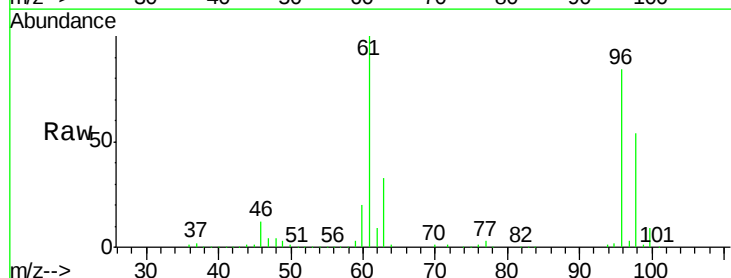
Tgt Ion: 96 Resp: 837983

Ion Ratio Lower Upper

96 100

61 119.1 84.1 156.3

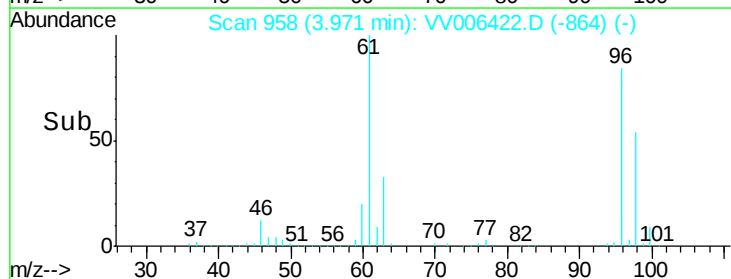
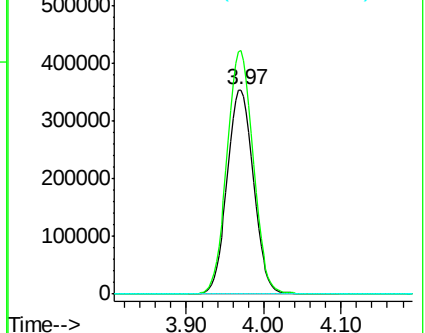
68 0.0 0.3 0.5#

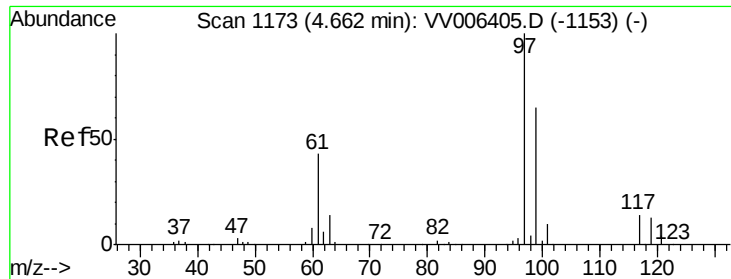


Abundance Ion 96.00 (95.70 to 96.70): VV006422.D (-864) (-)

Ion 61.05 (60.75 to 61.75): VV006422.D (-864) (-)

Ion 68.15 (67.85 to 68.85): VV006422.D (-864) (-)

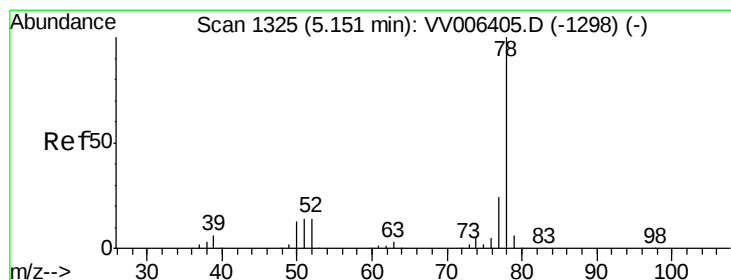
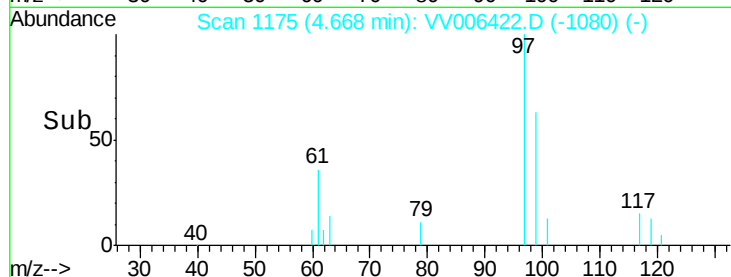
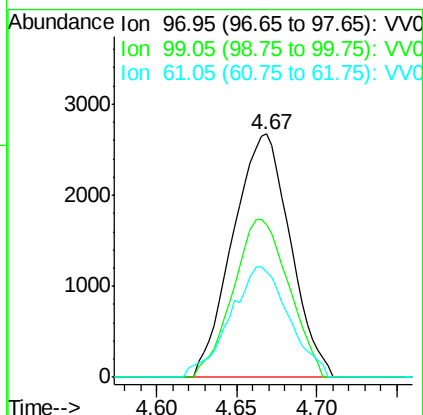
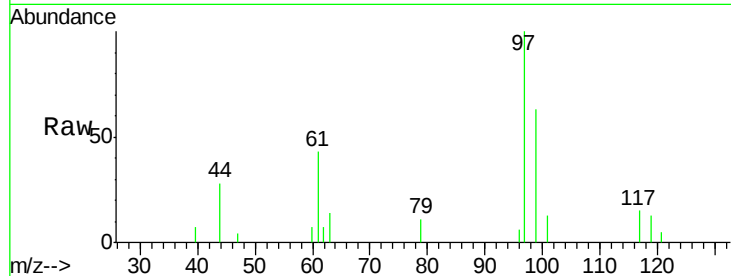




#29
 1,1,1-Trichloroethane
 Concen: 0.22 ug/L
 RT: 4.67 min Scan# 1175
 Delta R.T. 0.01 min
 Lab File: VV006422.D
 Acq: 22 Jun 2018 19:32

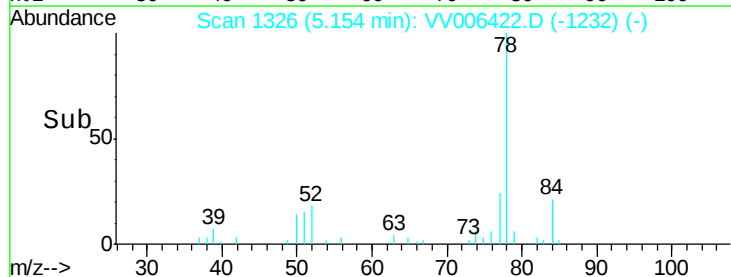
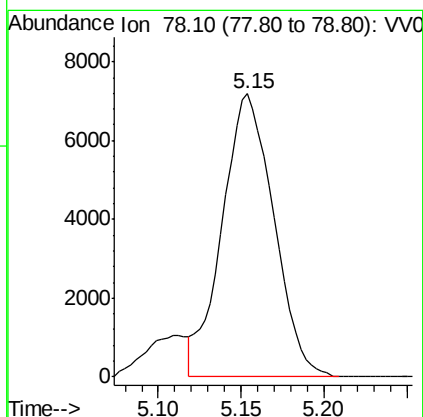
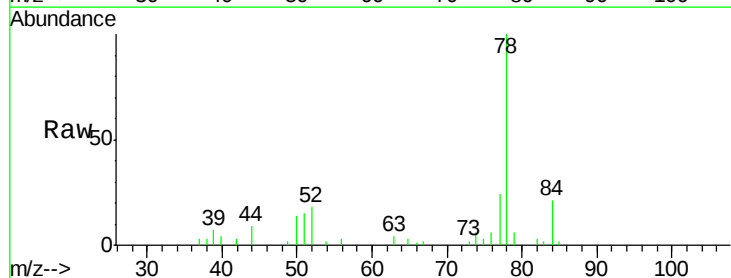
Instrument :
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 ClientSampleId :
 DAZ97

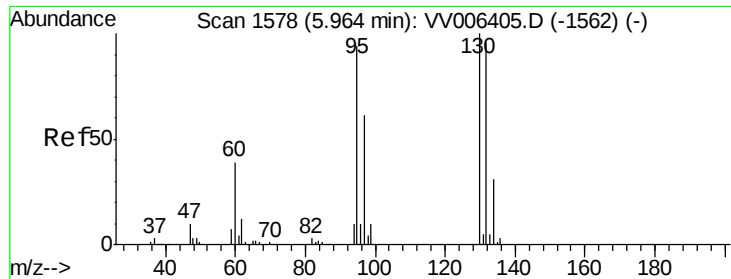
Tot Ion: 97 Resp: 6573
 Ion Ratio Lower Upper
 97 100
 99 63.2 51.5 77.3
 61 46.6 33.7 50.5



#33
 Benzene
 Concen: 0.21 ug/L
 RT: 5.15 min Scan# 1326
 Delta R.T. 0.00 min
 Lab File: VV006422.D
 Acq: 22 Jun 2018 19:32

Tgt Ion: 78 Resp: 15550





#34

Trichloroethene

Concen: 1070.32 ug/L

RT: 5.97 min Scan# 1581

Delta R.T. 0.01 min

Lab File: VV006422.D

Acq: 22 Jun 2018 19:32

Instrument :

MSVOA_V

ClientSampleId :

DAZ97

Tot Ion: 95 Resp: 21653529

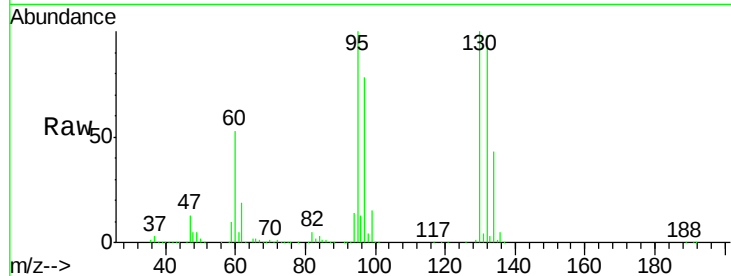
Ion Ratio Lower Upper

95 100

97 77.8 45.1 83.9

132 97.9 69.0 128.1

130 100.0 72.8 135.2

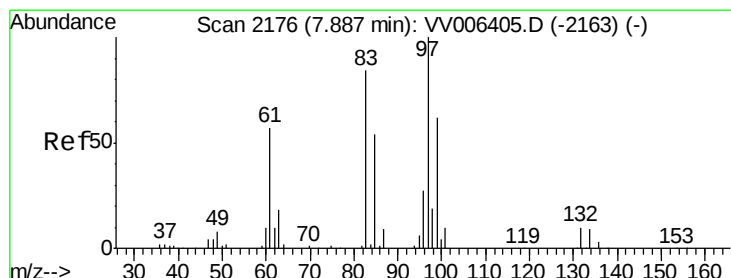
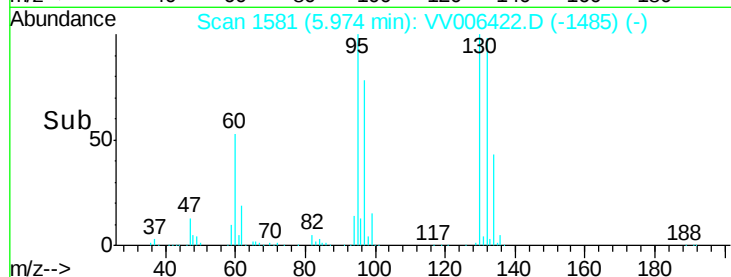
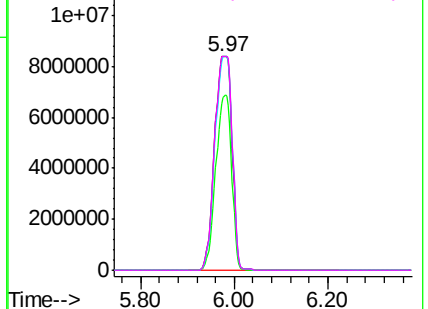


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): VV0

Ion 129.95 (129.65 to 130.65): VV0



#45

1,1,2-Trichloroethane

Concen: 0.27 ug/L

RT: 7.89 min Scan# 2177

Delta R.T. 0.00 min

Lab File: VV006422.D

Acq: 22 Jun 2018 19:32

Tgt Ion: 97 Resp: 3393

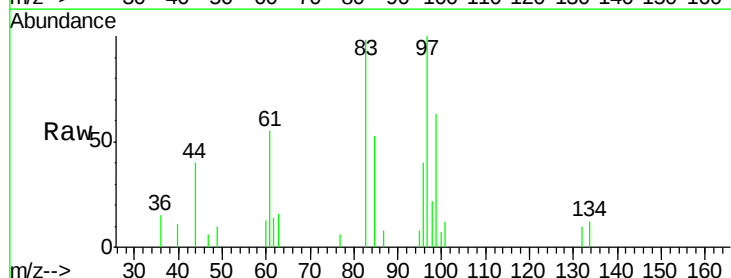
Ion Ratio Lower Upper

97 100

99 63.1 43.8 81.3

83 97.9 58.2 108.2

85 52.6 39.3 73.1

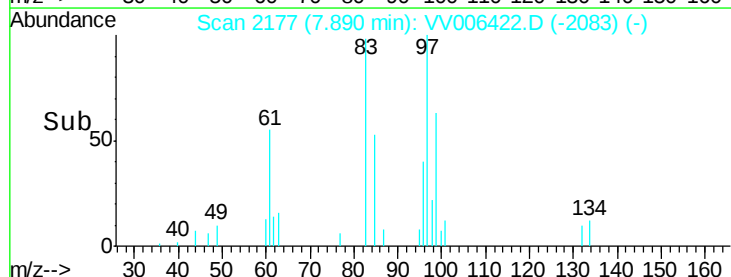
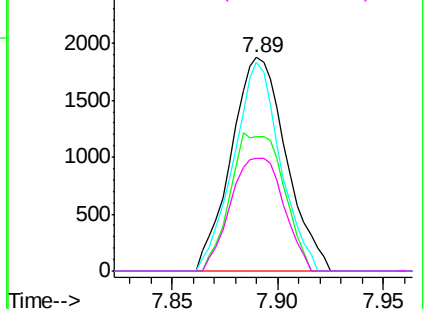


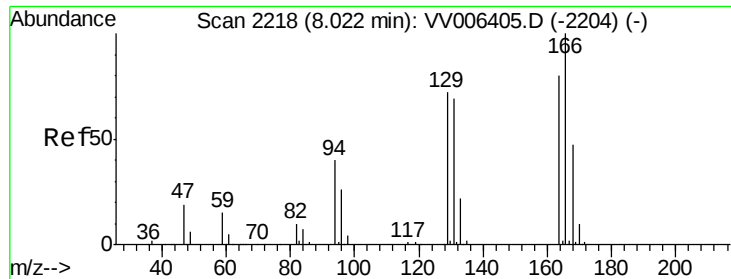
Abundance Ion 96.95 (96.65 to 97.65): VV0

Ion 99.05 (98.75 to 99.75): VV0

Ion 82.95 (82.65 to 83.65): VV0

Ion 85.00 (84.70 to 85.70): VV0





#47

Tetrachloroethene

Concen: 2.62 ug/L

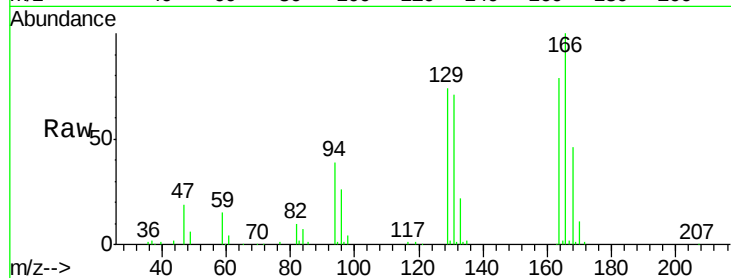
RT: 8.02 min Scan# 2218

Delta R.T. -0.00 min

Lab File: VV006422.D

Acq: 22 Jun 2018 19:32

Instrument :
MSVOA_V
ClientSampleId :
DAZ97



Tot Ion:164 Resp: 42373

Ion Ratio Lower Upper

164 100

129 93.3 62.7 116.5

131 89.8 61.0 113.2

166 126.3 89.5 166.3

Abundance Ion 163.90 (163.60 to 164.60): V
Ion 128.95 (128.65 to 129.65): V
Ion 130.95 (130.65 to 131.65): V
Ion 165.90 (165.60 to 166.60): V

