

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062019\
 Data File : VV011624.D
 Acq On : 19 Jun 2019 18:07
 Operator : SY/MD
 Sample : K3381-14DL 5X
 Misc : 25ML/MSVOA V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFCQ4DL

Quant Time: Jun 20 04:07:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061419WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jun 20 02:04:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	157229	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	143045	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	57160	5.00	ug/L	0.00

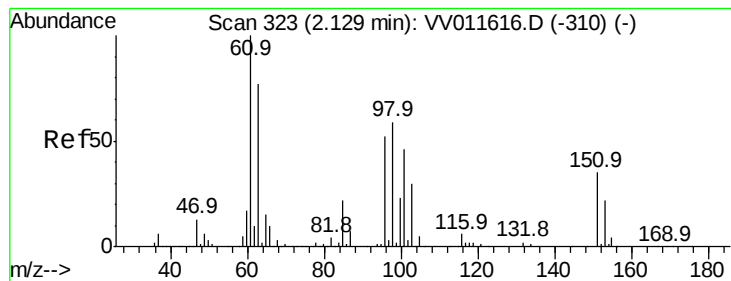
System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	59906	5.05	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.00%
7) Chloroethane-d5	1.57	69	38305	5.09	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.80%
11) 1,1-Dichloroethene-d2	2.12	63	102004	4.51	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.20%
20) 2-Butanone-d5	3.95	46	153408	45.93	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.86%
24) Chloroform-d	4.40	84	107545	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.20%
26) 1,2-Dichloroethane-d4	5.08	65	63811	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.20%
32) Benzene-d6	5.10	84	228936	5.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.20%
36) 1,2-Dichloropropane-d6	6.12	67	70115	5.18	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.60%
41) Toluene-d8	7.36	98	197265	5.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.80%
43) trans-1,3-Dichloropropene-	7.66	79	21360	4.74	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.80%
46) 2-Hexanone-d5	8.14	63	112150	43.11	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.22%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	47082	4.64	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	62612	5.49	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.80%

Target Compounds

					Ovalue
12) 1,1-Dichloroethene	2.13	96	22328	2.283 ug/L	# 42
19) 1,1-Dichloroethane	3.23	63	150251	6.569 ug/L	99
22) cis-1,2-Dichloroethene	3.96	96	46690	3.727 ug/L	95
29) 1,1,1-Trichloroethane	4.65	97	19989	1.123 ug/L	98
34) Trichloroethene	5.96	95	5652	0.474 ug/L	92

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



#12

1,1-Dichloroethene

Concen: 2.283 ug/L

RT: 2.13 min Scan# 324

Delta R.T. 0.00 min

Lab File: VV011624.D

Acq: 19 Jun 2019 18:07

Instrument :
MSVOA_V
ClientSampleId :
BFCQ4DL

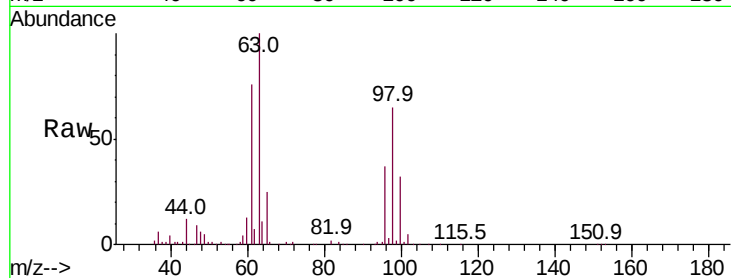
Tot Ion: 96 Resp: 22328

Ion Ratio Lower Upper

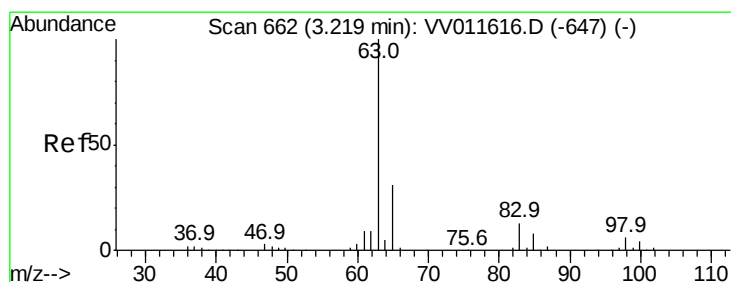
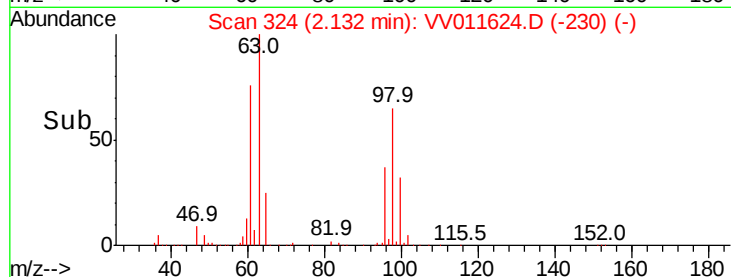
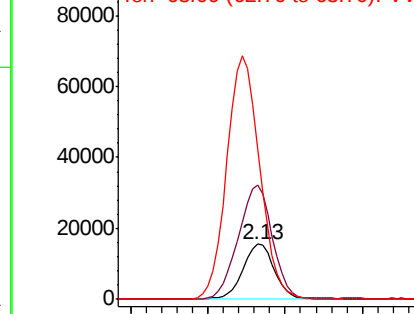
96 100

61 208.7 135.9 252.5

63 273.5 86.2 160.2#



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



#19

1,1-Dichloroethane

Concen: 6.569 ug/L

RT: 3.23 min Scan# 664

Delta R.T. 0.01 min

Lab File: VV011624.D

Acq: 19 Jun 2019 18:07

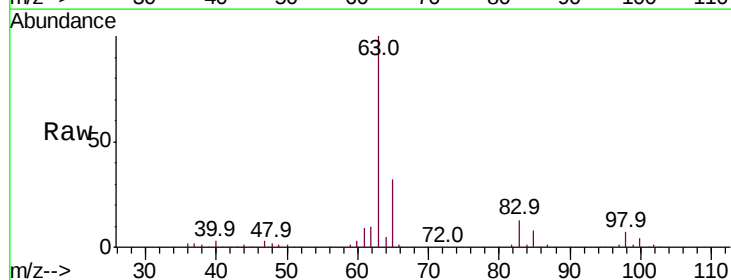
Tgt Ion: 63 Resp: 150251

Ion Ratio Lower Upper

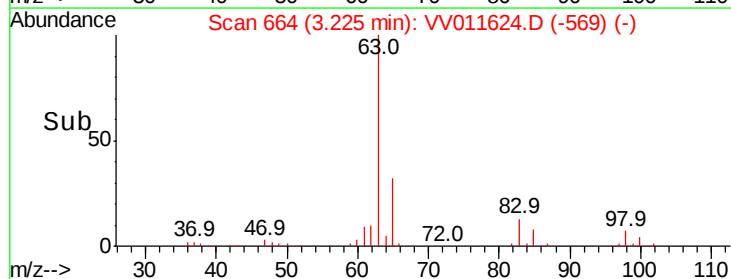
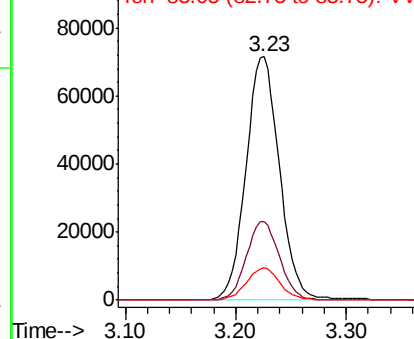
63 100

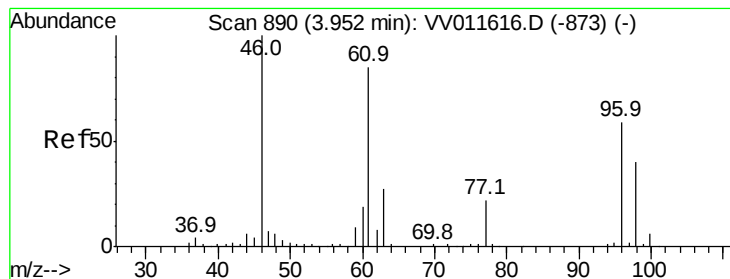
65 32.4 22.5 41.9

83 13.1 10.1 18.9



Abundance Ion 63.10 (62.80 to 63.80): VV0
Ion 65.10 (64.80 to 65.80): VV0
Ion 83.05 (82.75 to 83.75): VV0



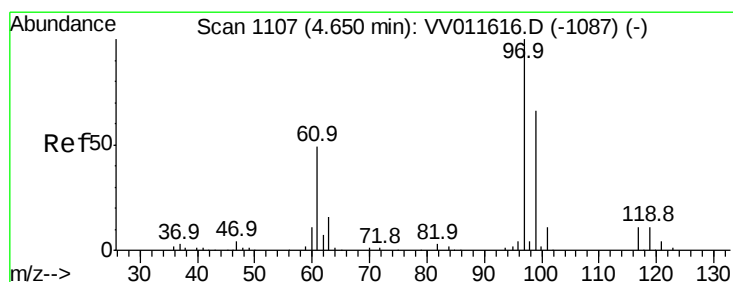
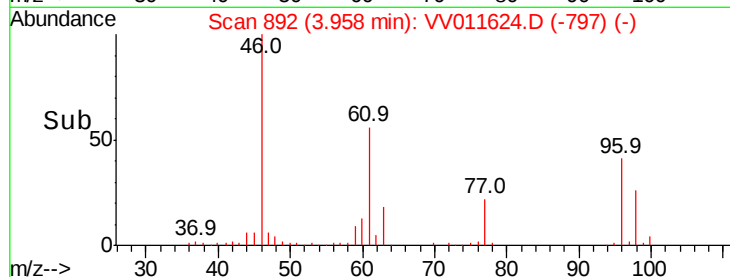
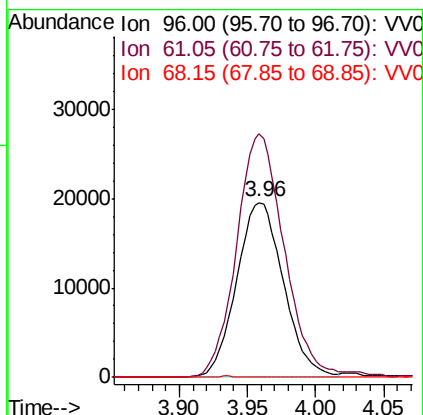
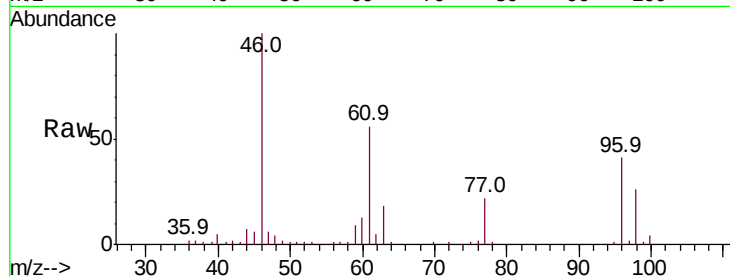


#22

cis-1,2-Dichloroethene
 Concen: 3.727 ug/L
 RT: 3.96 min Scan# 892
 Delta R.T. 0.01 min
 Lab File: VV011624.D
 Acq: 19 Jun 2019 18:07

Instrument :
 MSVOA_V
 ClientSampleID :
 BFCQ4DL

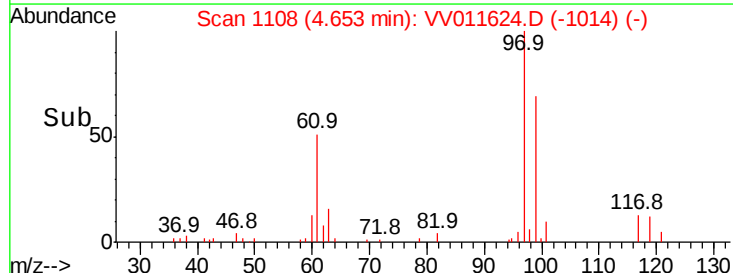
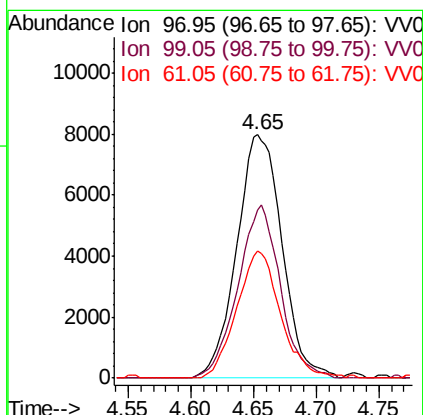
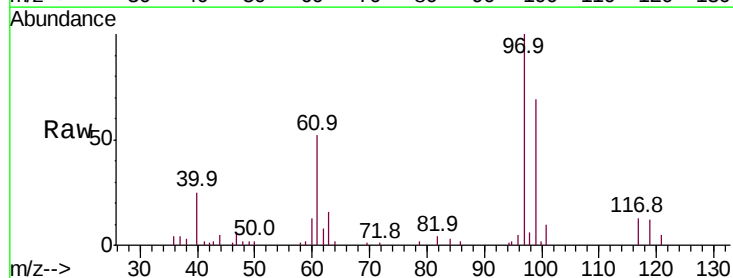
Tot Ion: 96 Resp: 46690
 Ion Ratio Lower Upper
 96 100
 61 139.1 102.2 189.8
 68 0.0 0.0 0.0

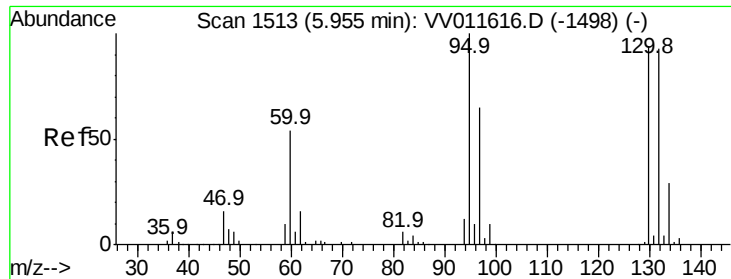


#29

1,1,1-Trichloroethane
 Concen: 1.123 ug/L
 RT: 4.65 min Scan# 1108
 Delta R.T. 0.00 min
 Lab File: VV011624.D
 Acq: 19 Jun 2019 18:07

Tgt Ion: 97 Resp: 19989
 Ion Ratio Lower Upper
 97 100
 99 66.5 51.6 77.4
 61 50.4 40.4 60.6





#34

Trichloroethene

Concen: 0.474 ug/L

RT: 5.96 min Scan# 1515

Delta R.T. 0.01 min

Lab File: VV011624.D

Acq: 19 Jun 2019 18:07

Instrument :
MSVOA_V
ClientSampleId :
BFCQ4DL

Tot Ion: 95 Resp: 5652

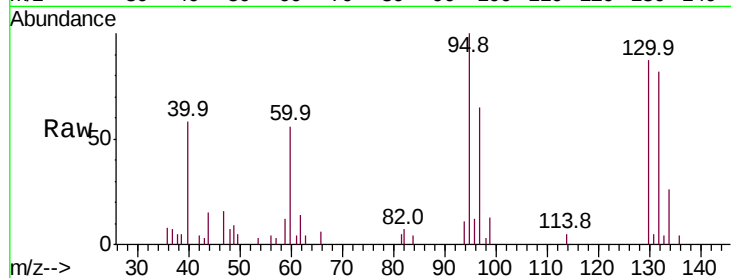
Ion Ratio Lower Upper

95 100

97 65.3 44.4 82.4

132 81.8 63.5 117.9

130 87.5 68.5 127.3



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): V

Ion 129.95 (129.65 to 130.65): V

