

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062019\
 Data File : VV011623.D
 Acq On : 19 Jun 2019 17:41
 Operator : SY/MD
 Sample : K3386-09DL 5X
 Misc : 25ML/MSVOA V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 COM88DL

Quant Time: Jun 20 04:02:54 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	154414	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	143746	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	58171	5.00	ug/L	0.00

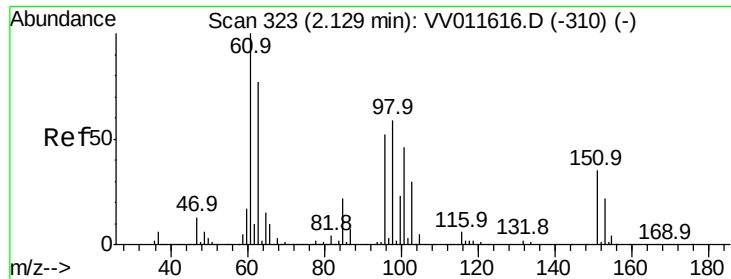
System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	58615	5.03	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.60%
7) Chloroethane-d5	1.57	69	34971	4.73	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.60%
11) 1,1-Dichloroethene-d2	2.11	63	98289	4.43	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.60%
20) 2-Butanone-d5	3.96	46	161121	49.11	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.22%
24) Chloroform-d	4.40	84	109147	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.40%
26) 1,2-Dichloroethane-d4	5.08	65	66190	5.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.80%
32) Benzene-d6	5.09	84	232176	5.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.20%
36) 1,2-Dichloropropane-d6	6.11	67	71606	5.26	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.20%
41) Toluene-d8	7.36	98	205726	5.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.60%
43) trans-1,3-Dichloropropene-	7.66	79	21838	4.82	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.40%
46) 2-Hexanone-d5	8.14	63	115866	44.32	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.64%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	46787	4.58	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	65390	5.63	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	112.60%

Target Compounds

					Ovalue
12) 1,1-Dichloroethene	2.13	96	12527	1.304 ug/L	# 16
19) 1,1-Dichloroethane	3.22	63	2571	0.114 ug/L	98
22) cis-1,2-Dichloroethene	3.95	96	17600	1.431 ug/L	96
29) 1,1,1-Trichloroethane	4.65	97	5240	0.293 ug/L	95
34) Trichloroethene	5.96	95	197803	16.520 ug/L	98

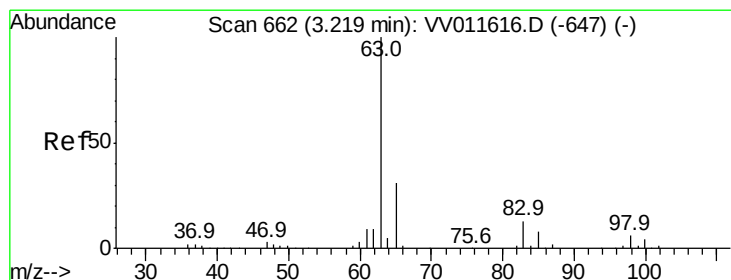
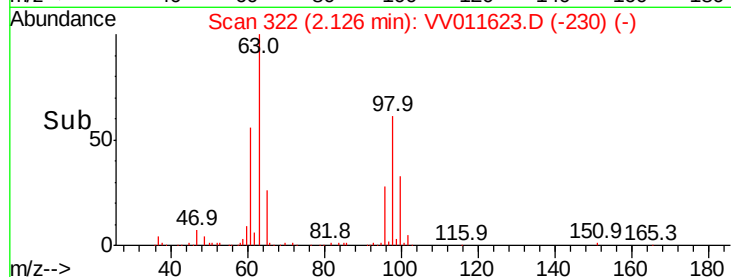
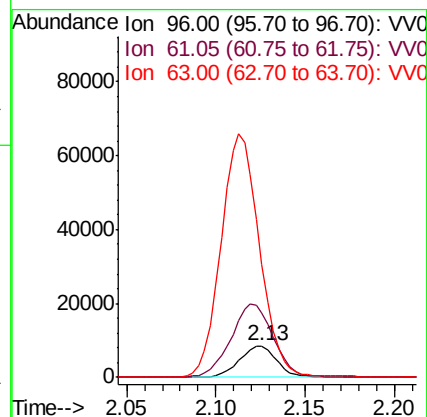
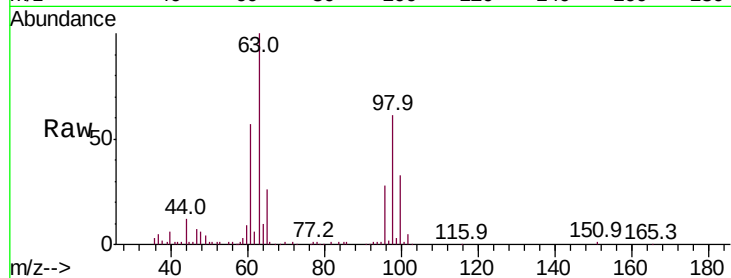
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#12
 1,1-Dichloroethene
 Concen: 1.304 ug/L
 RT: 2.13 min Scan# 322
 Delta R.T. -0.00 min
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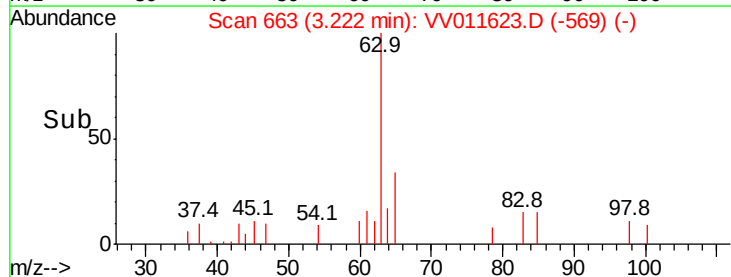
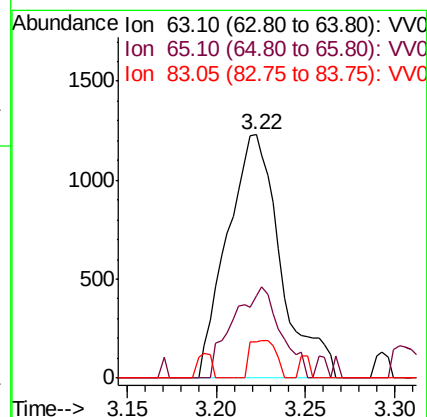
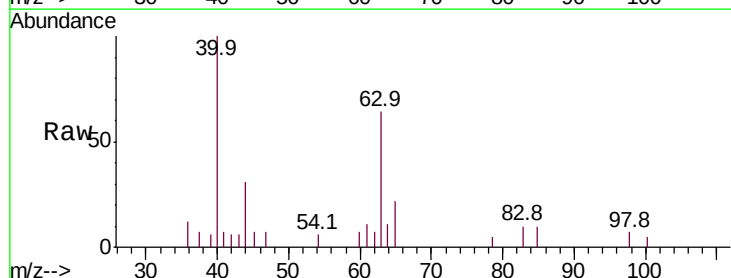
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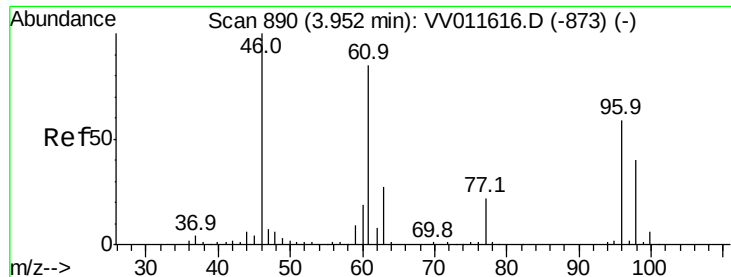
Tot Ion: 96 Resp: 12527
 Ion Ratio Lower Upper
 96 100
 61 202.5 135.9 252.5
 63 357.1 86.2 160.2#



#19
 1,1-Dichloroethane
 Concen: 0.114 ug/L
 RT: 3.22 min Scan# 663
 Delta R.T. 0.00 min
 Lab File: VV011623.D
 Acq: 19 Jun 2019 17:41

Tgt Ion: 63 Resp: 2571
 Ion Ratio Lower Upper
 63 100
 65 33.5 22.5 41.9
 83 14.9 10.1 18.9





#22

cis-1,2-Dichloroethene

Concen: 1.431 ug/L

RT: 3.95 min Scan# 890

Delta R.T. -0.00 min

Lab File: VV011623.D

Acq: 19 Jun 2019 17:41

Instrument :

MSVOA_V

ClientSampleId :

COM88DL

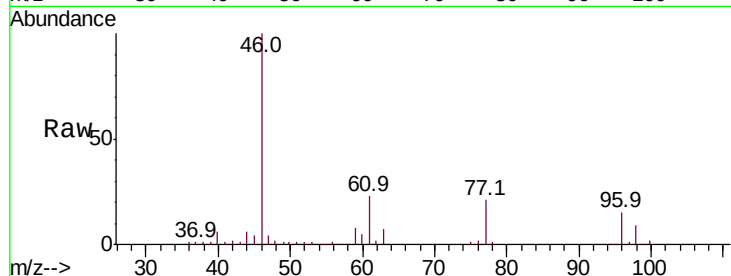
Tot Ion: 96 Resp: 17600

Ion Ratio Lower Upper

96 100

61 150.5 102.2 189.8

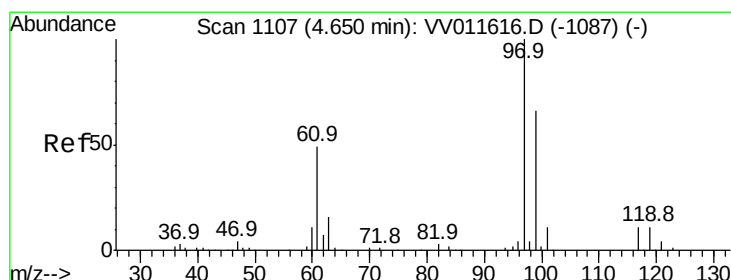
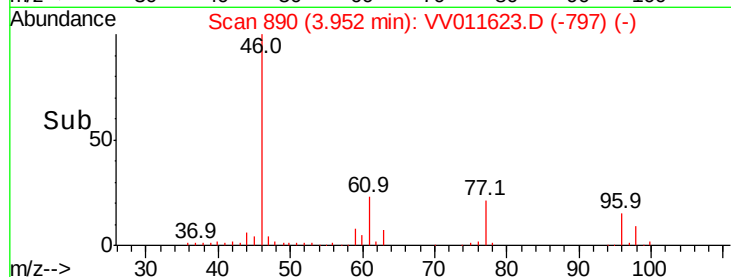
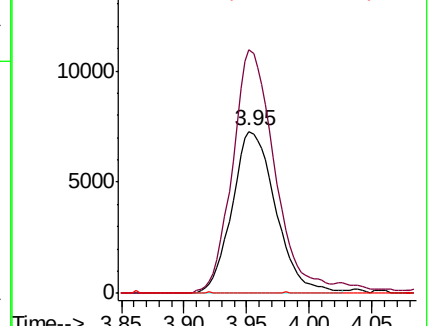
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 68.15 (67.85 to 68.85): VV0



#29

1,1,1-Trichloroethane

Concen: 0.293 ug/L

RT: 4.65 min Scan# 1107

Delta R.T. -0.00 min

Lab File: VV011623.D

Acq: 19 Jun 2019 17:41

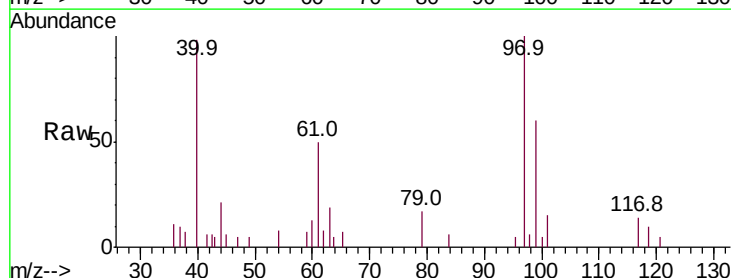
Tgt Ion: 97 Resp: 5240

Ion Ratio Lower Upper

97 100

99 59.8 51.6 77.4

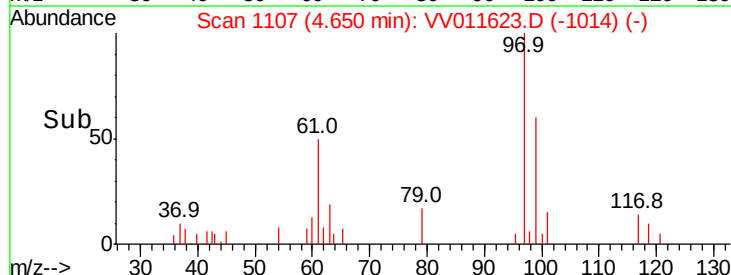
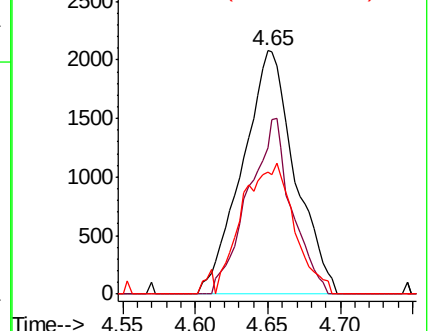
61 53.2 40.4 60.6

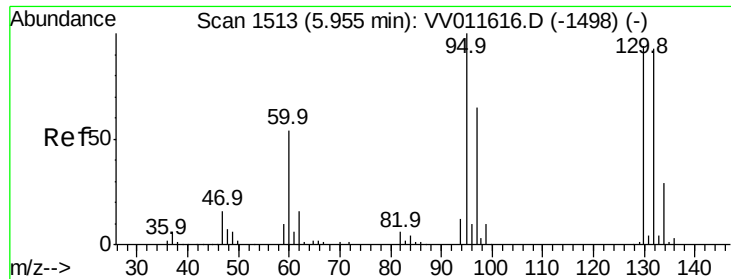


Abundance Ion 96.95 (96.65 to 97.65): VV0

Ion 99.05 (98.75 to 99.75): VV0

Ion 61.05 (60.75 to 61.75): VV0





#34

Trichloroethene

Concen: 16.520 ug/L

RT: 5.96 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VV011623.D

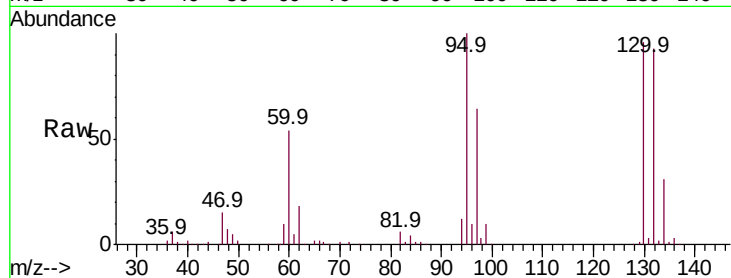
Acq: 19 Jun 2019 17:41

Instrument :

MSVOA_V

ClientSampleId :

COM88DL



Tot Ion: 95 Resp: 197803

Ion Ratio Lower Upper

95 100

97 64.0 44.4 82.4

132 92.8 63.5 117.9

130 96.3 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

