

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062419\
 Data File : VV011730.D
 Acq On : 24 Jun 2019 15:09
 Operator : SY/MD
 Sample : K3462-15 50X
 Misc : 25ML/MSVOA V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFCQ0

Quant Time: Jun 25 08:44:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR062119WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jun 25 08:19:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	167596	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	151899	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	64236	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	56398	5.07	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.40%
7) Chloroethane-d5	1.57	69	38877	4.97	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.40%
11) 1,1-Dichloroethene-d2	2.12	63	93624	4.14	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.80%
20) 2-Butanone-d5	3.95	46	178196	60.81	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	121.62%
24) Chloroform-d	4.40	84	117311	5.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	115.60%
26) 1,2-Dichloroethane-d4	5.08	65	67568	5.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.80%
32) Benzene-d6	5.09	84	241239	5.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	113.80%
36) 1,2-Dichloropropane-d6	6.12	67	74126	5.68	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	113.60%
41) Toluene-d8	7.36	98	205297	5.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.00%
43) trans-1,3-Dichloropropene-	7.66	79	24079	5.29	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	105.80%
46) 2-Hexanone-d5	8.14	63	130951	61.20	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	122.40%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	52517	5.79	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	115.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	69397	5.73	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	114.60%

Target Compounds

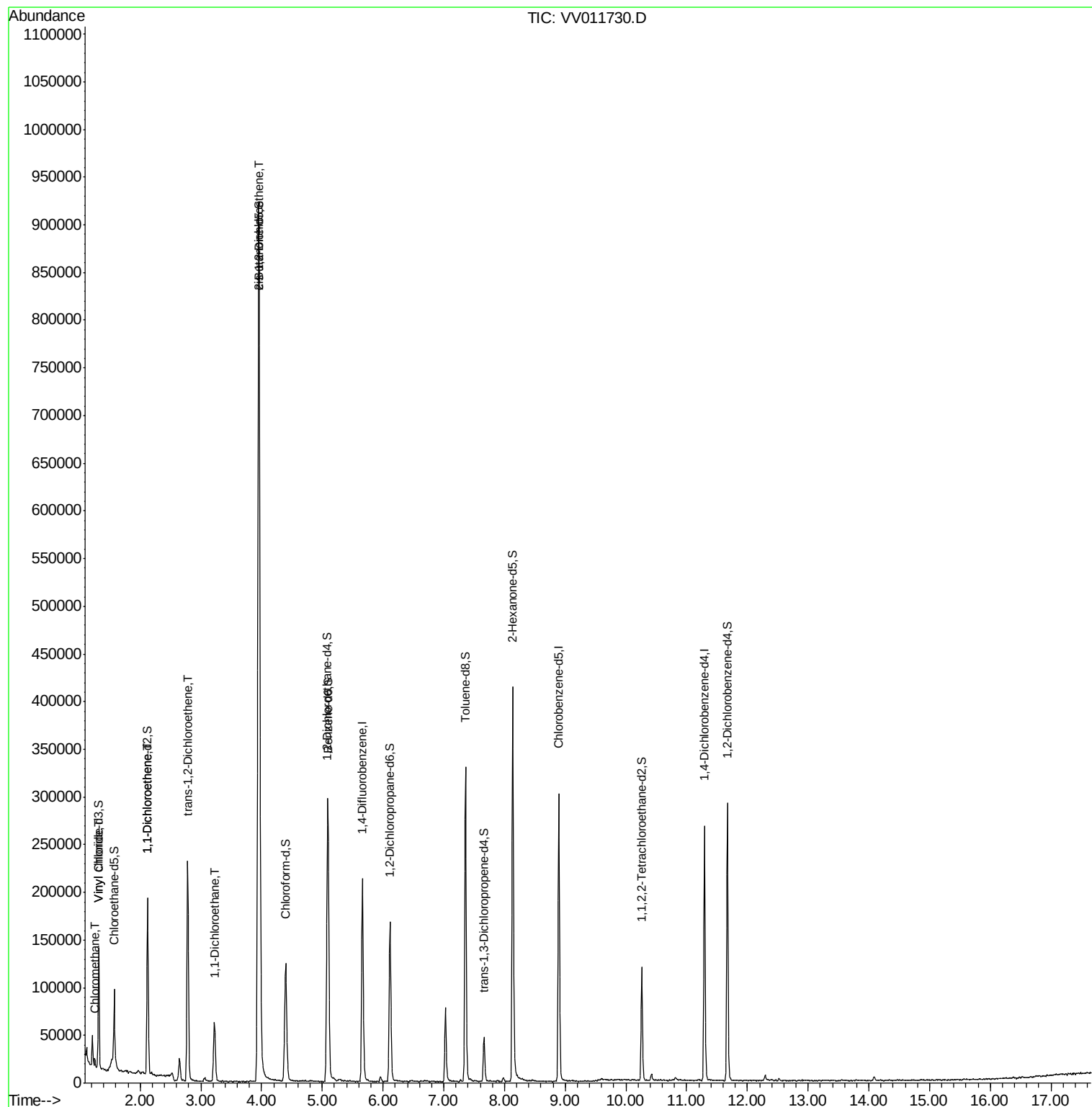
					Ovalue
3) Chloromethane	1.25	50	6273	0.397 ug/L	93
5) Vinyl chloride	1.32	62	25662	1.656 ug/L	98
12) 1,1-Dichloroethene	2.13	96	9864	0.951 ug/L #	1
18) trans-1,2-Dichloroethene	2.78	96	79160	6.491 ug/L	97
19) 1,1-Dichloroethane	3.22	63	61073	2.520 ug/L	99
22) cis-1,2-Dichloroethene	3.96	96	435991	32.536 ug/L	99

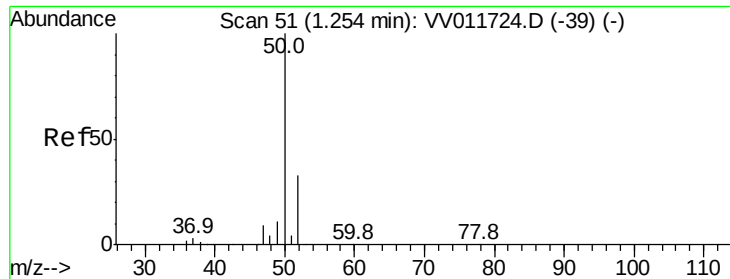
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jun 25 08:19:08 2019
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.397 ug/L

RT: 1.25 min Scan# 50

Delta R.T. -0.00 min

Lab File: VV011730.D

Acq: 24 Jun 2019 15:09

Instrument :

MSVOA_V

ClientSampleId :

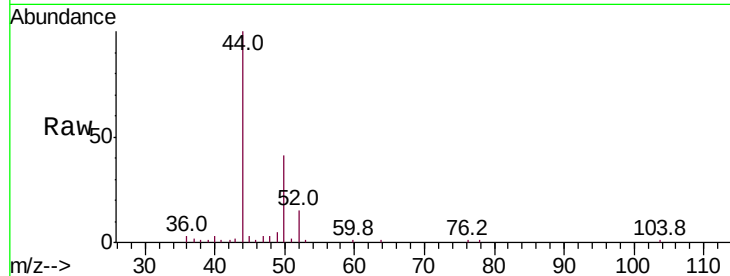
BFCQ0

Tot Ion: 50 Resp: 6273

Ion Ratio Lower Upper

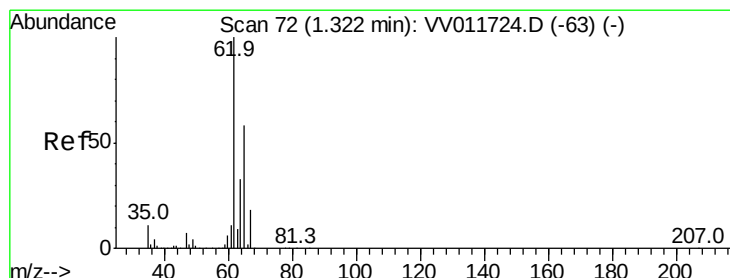
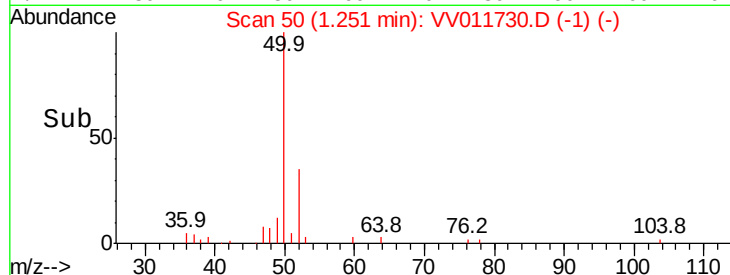
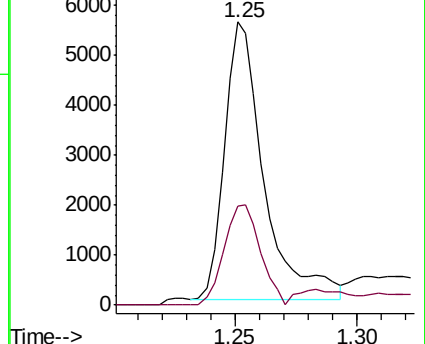
50 100

52 35.1 22.0 40.8



Abundance Ion 50.05 (49.75 to 50.75): VV0

Ion 52.05 (51.75 to 52.75): VV0



#5

Vinyl chloride

Concen: 1.656 ug/L

RT: 1.32 min Scan# 72

Delta R.T. -0.00 min

Lab File: VV011730.D

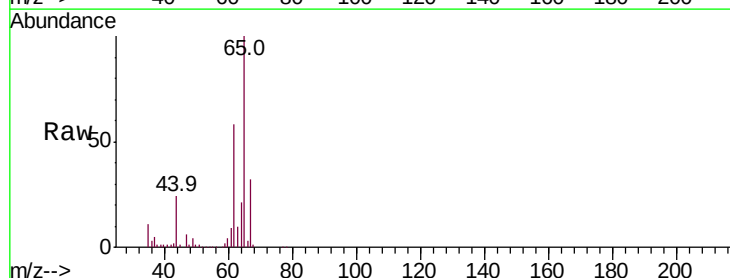
Acq: 24 Jun 2019 15:09

Tgt Ion: 62 Resp: 25662

Ion Ratio Lower Upper

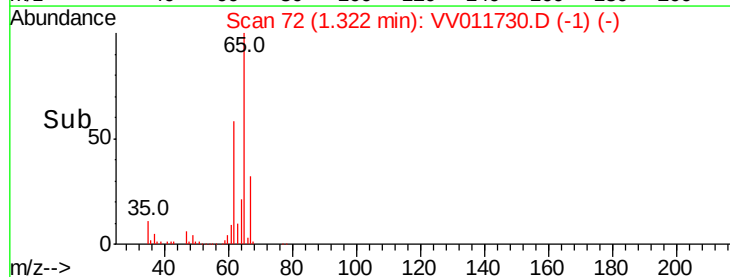
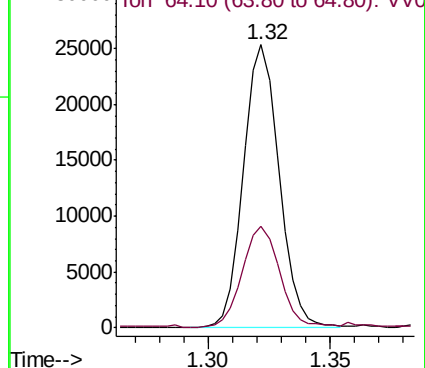
62 100

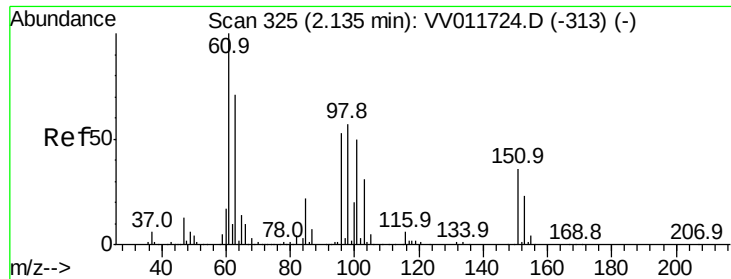
64 35.8 24.1 44.7



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.10 (63.80 to 64.80): VV0

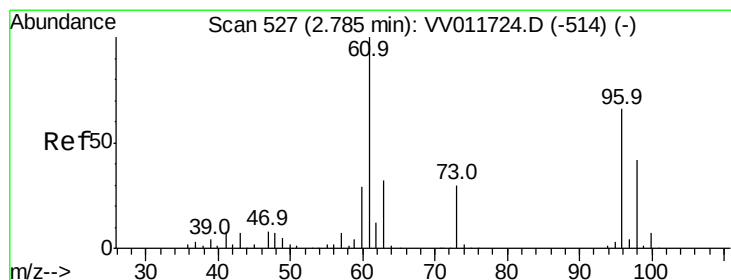
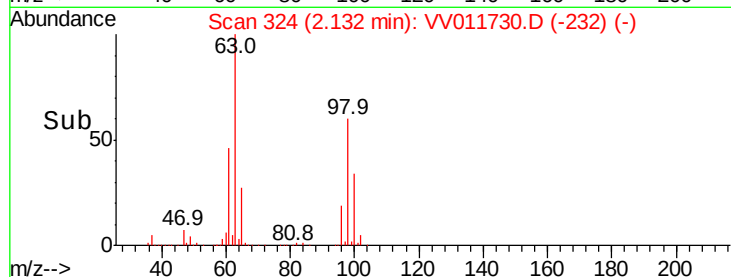
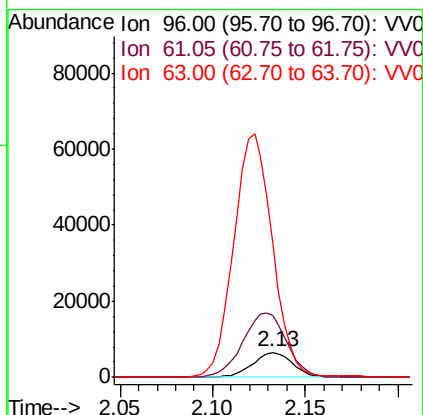
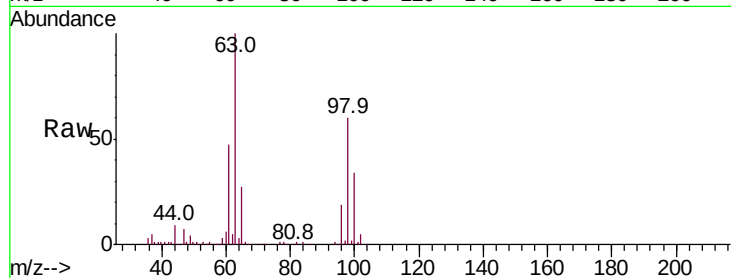




#12
1,1-Dichloroethene
Concen: 0.951 ug/L
RT: 2.13 min Scan# 324
Delta R.T. -0.00 min
Lab File: VV011730.D
Acq: 24 Jun 2019 15:09

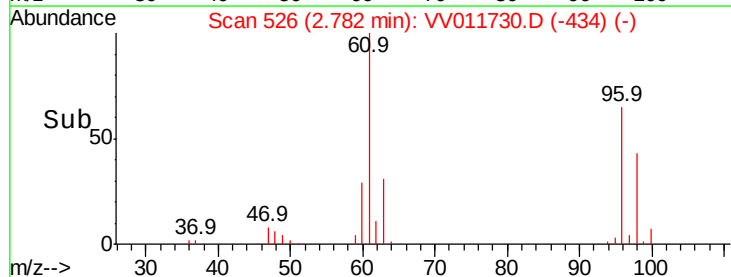
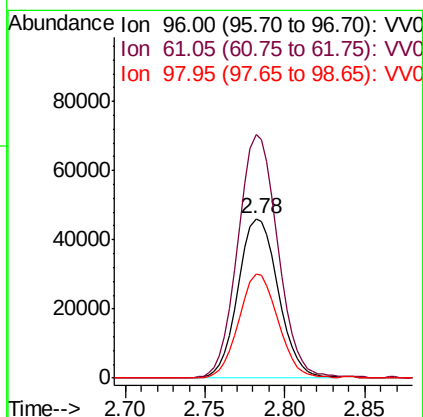
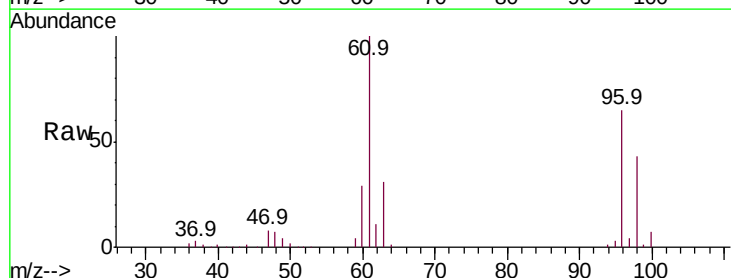
Instrument :
MSVOA_V
ClientSampled :
BFCQ0

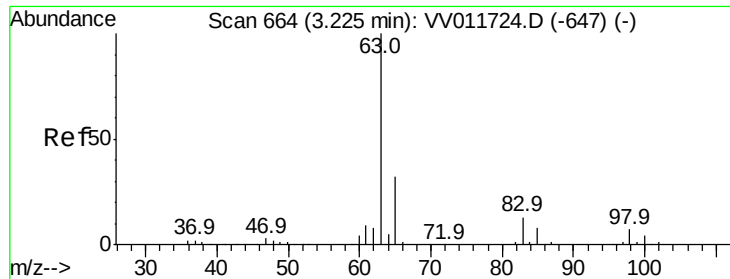
Tot Ion: 96 Resp: 9864
Ion Ratio Lower Upper
96 100
61 249.1 131.5 244.1#
63 535.0 91.8 170.4#



#18
trans-1,2-Dichloroethene
Concen: 6.491 ug/L
RT: 2.78 min Scan# 526
Delta R.T. -0.00 min
Lab File: VV011730.D
Acq: 24 Jun 2019 15:09

Tgt Ion: 96 Resp: 79160
Ion Ratio Lower Upper
96 100
61 152.8 109.3 203.1
98 65.6 44.6 82.8

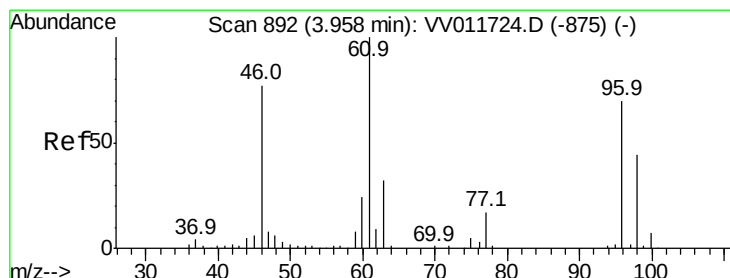
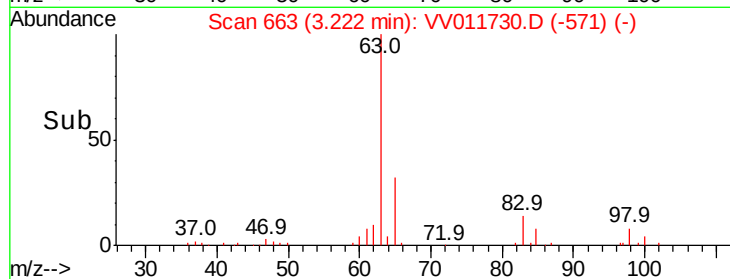
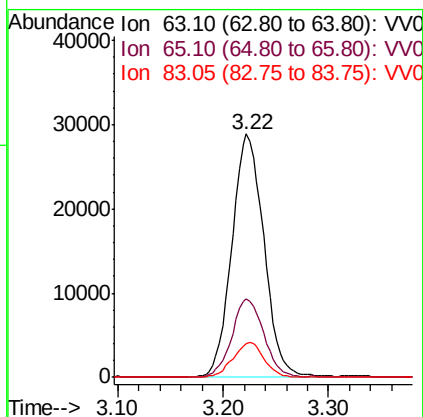
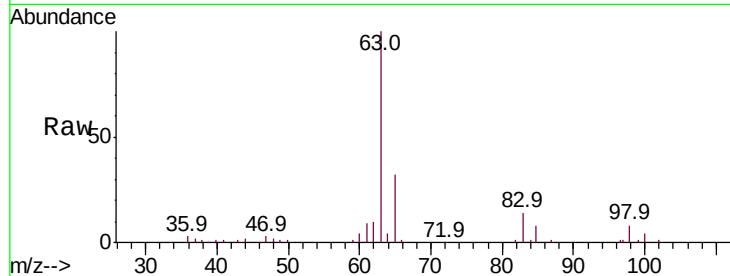




#19
 1,1-Dichloroethane
 Concen: 2.520 ug/L
 RT: 3.22 min Scan# 663
 Delta R.T. -0.00 min
 Lab File: VV011730.D
 Acq: 24 Jun 2019 15:09

Instrument :
 MSVOA_V
 ClientSampleId :
 BFCQ0

Tot Ion: 63 Resp: 61073
 Ion Ratio Lower Upper
 63 100
 65 32.2 23.0 42.8
 83 13.8 9.5 17.7



#22
 cis-1,2-Dichloroethene
 Concen: 32.536 ug/L
 RT: 3.96 min Scan# 891
 Delta R.T. -0.00 min
 Lab File: VV011730.D
 Acq: 24 Jun 2019 15:09

Tgt Ion: 96 Resp: 435991
 Ion Ratio Lower Upper
 96 100
 61 141.0 97.9 181.7
 68 0.0 0.0 0.0

