

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062419\
 Data File : VV011737.D
 Acq On : 24 Jun 2019 18:26
 Operator : SY/MD
 Sample : K3381-12DL 250X
 Misc : 25ML/MSVOA V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFCM6DL

Quant Time: Jun 25 09:04:50 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	154220	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	142577	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	60355	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	49754	4.86	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.20%
7) Chloroethane-d5	1.57	69	39122	5.44	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	108.80%
11) 1,1-Dichloroethene-d2	2.12	63	88051	4.23	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.60%
20) 2-Butanone-d5	3.94	46	158150	58.65	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	117.30%
24) Chloroform-d	4.40	84	102724	5.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	110.00%
26) 1,2-Dichloroethane-d4	5.08	65	61670	5.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.00%
32) Benzene-d6	5.09	84	210002	5.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.60%
36) 1,2-Dichloropropane-d6	6.12	67	66345	5.42	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	108.40%
41) Toluene-d8	7.36	98	178790	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.40%
43) trans-1,3-Dichloropropene-	7.66	79	21086	4.93	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.60%
46) 2-Hexanone-d5	8.13	63	120473	59.98	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	119.96%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	46623	5.47	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	61649	5.41	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.20%

Target Compounds

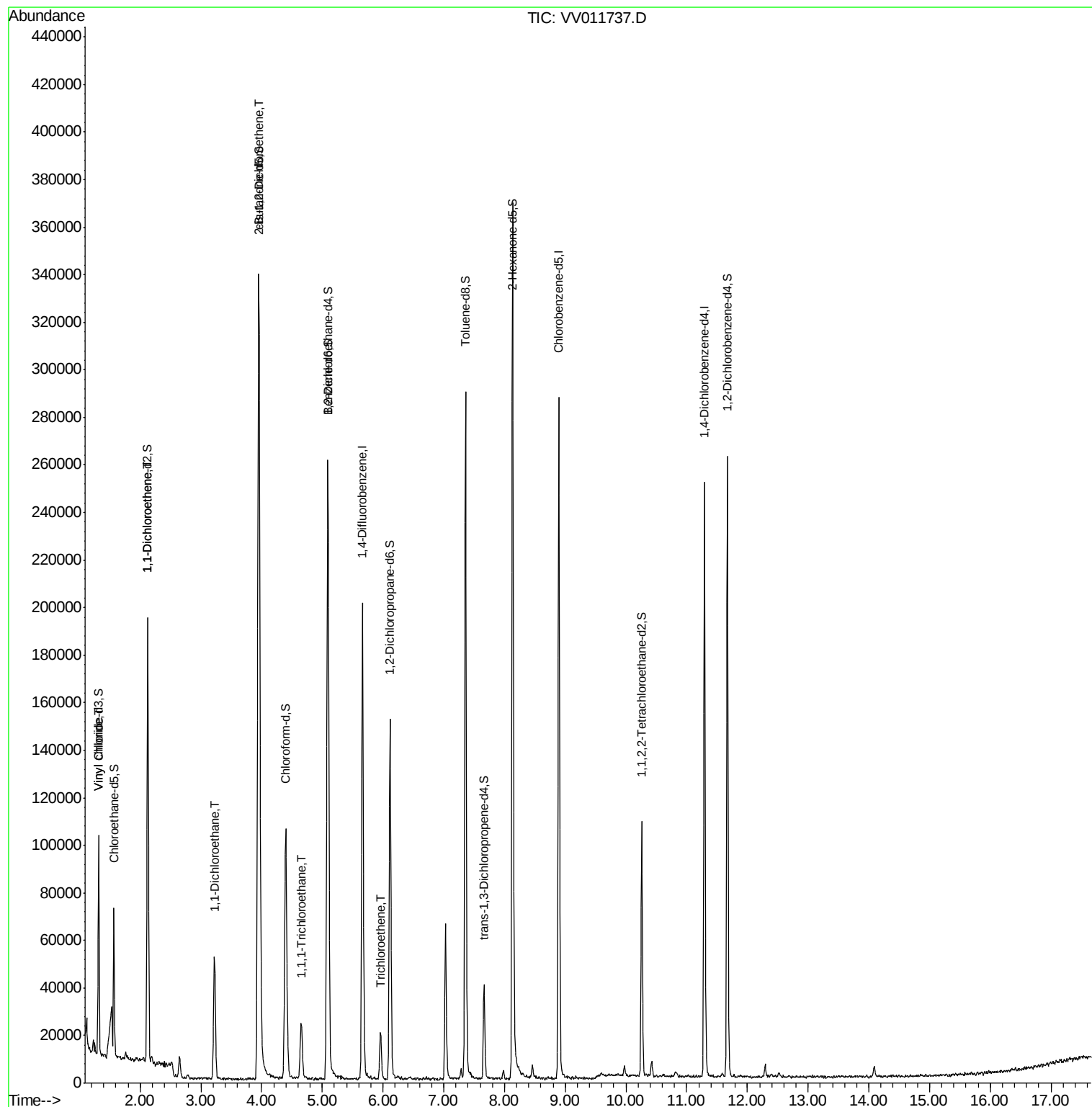
					Ovalue
5) Vinyl chloride	1.32	62	6007	0.421 ug/L	84
12) 1,1-Dichloroethene	2.13	96	21567	2.260 ug/L #	54
19) 1,1-Dichloroethane	3.22	63	52117	2.337 ug/L	97
22) cis-1,2-Dichloroethene	3.96	96	141104	11.443 ug/L	99
29) 1,1,1-Trichloroethane	4.65	97	17579	0.958 ug/L	99
34) Trichloroethene	5.96	95	6516	0.520 ug/L	97

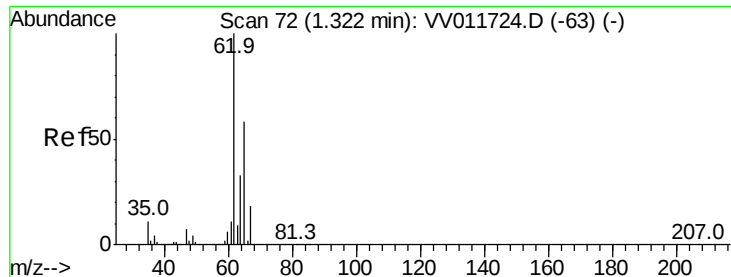
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#5

Vinyl chloride

Concen: 0.421 ug/L

RT: 1.32 min Scan# 72

Delta R.T. 0.00 min

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Acq: 24 Jun 2019 18:26

Instrument :

MSVOA_V

ClientSampleID :

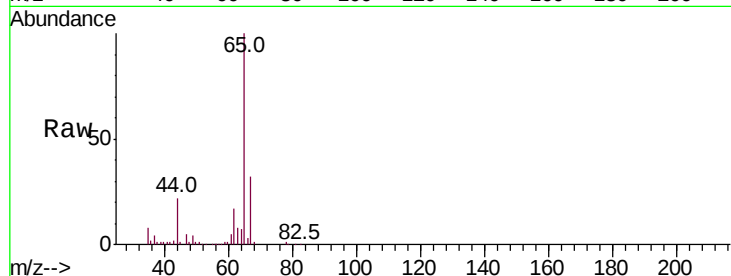
BFCM6DL

Tot Ion: 62 Resp: 6007

Ion Ratio Lower Upper

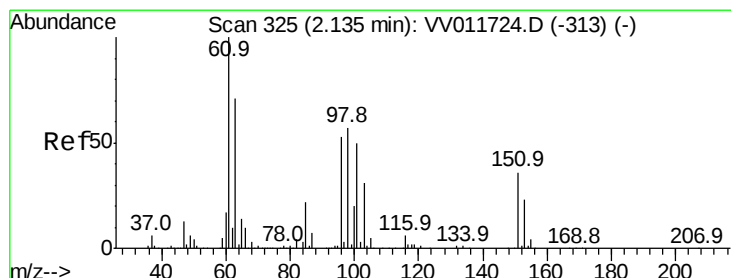
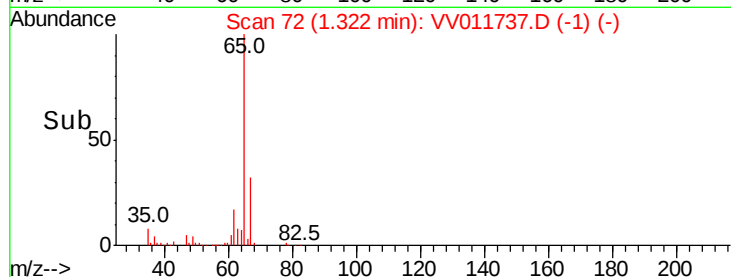
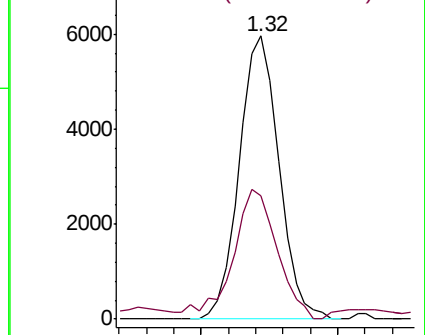
62 100

64 43.7 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: 2.260 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.00 min

Lab File: VV011737.D

Acq: 24 Jun 2019 18:26

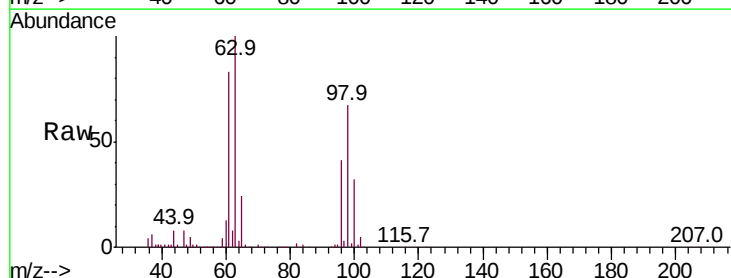
Tgt Ion: 96 Resp: 21567

Ion Ratio Lower Upper

96 100

61 203.6 131.5 244.1

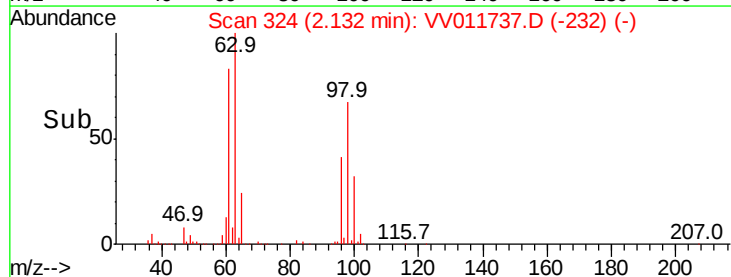
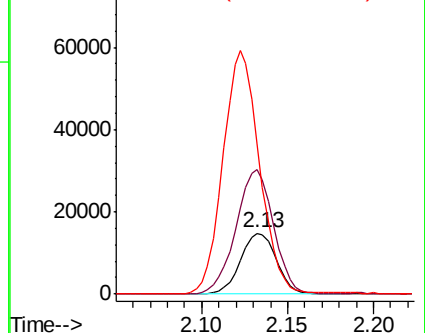
63 245.3 91.8 170.4#

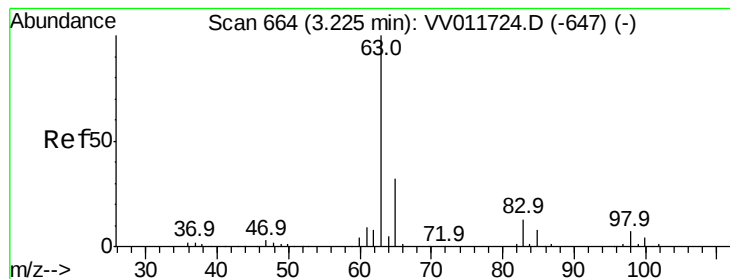


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0





#19

1,1-Dichloroethane

Concen: 2.337 ug/L

RT: 3.22 min Scan# 663

Delta R.T. -0.00 min

Lab File: VV011737.D

Acq: 24 Jun 2019 18:26

Instrument :

MSVOA_V

ClientSampleId :

BFCM6DL

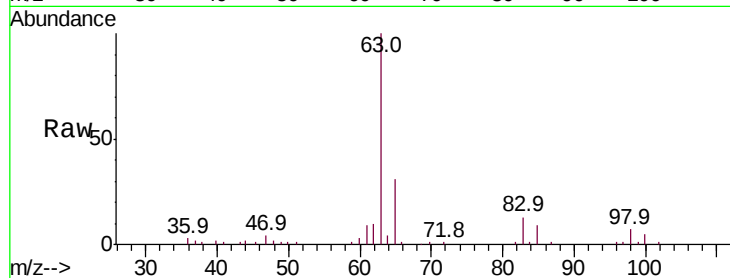
Tot Ion: 63 Resp: 52117

Ion Ratio Lower Upper

63 100

65 30.7 23.0 42.8

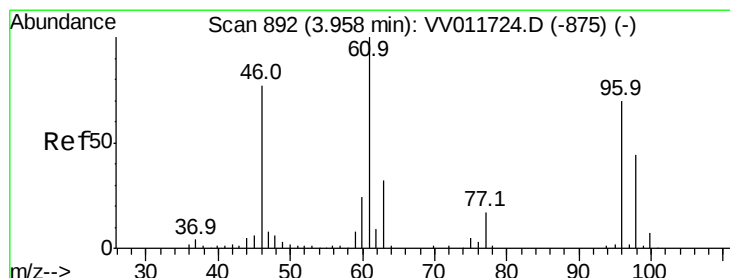
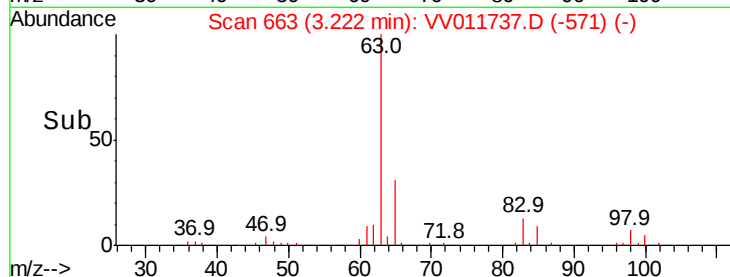
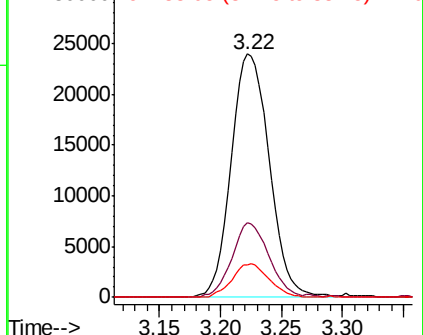
83 13.5 9.5 17.7



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: 11.443 ug/L

RT: 3.96 min Scan# 892

Delta R.T. 0.00 min

Lab File: VV011737.D

Acq: 24 Jun 2019 18:26

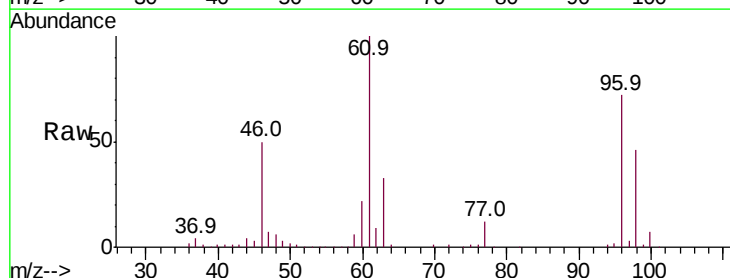
Tgt Ion: 96 Resp: 141104

Ion Ratio Lower Upper

96 100

61 139.1 97.9 181.7

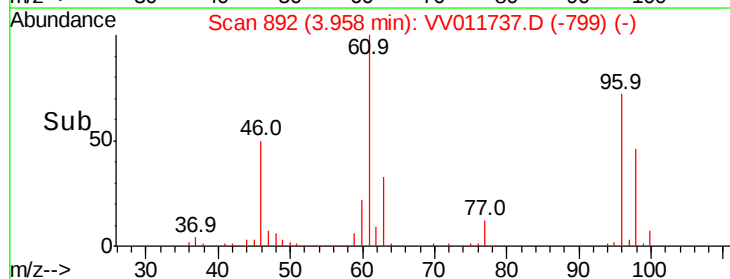
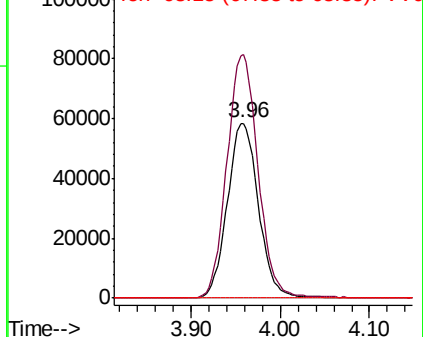
68 0.0 0.0 0.0

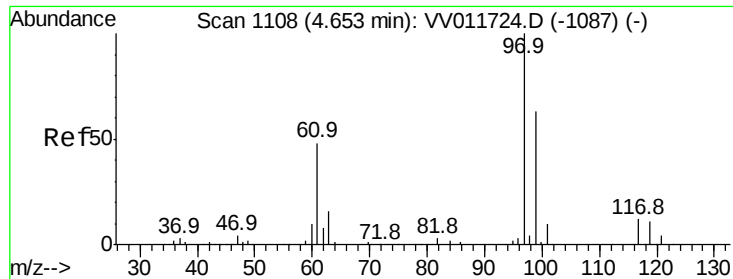


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 68.15 (67.85 to 68.85): VV0

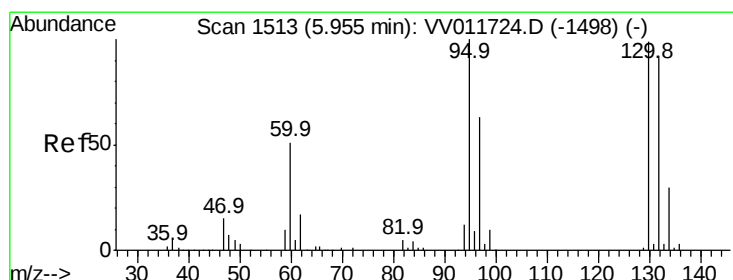
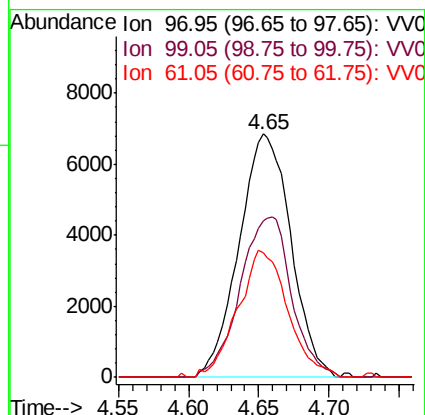
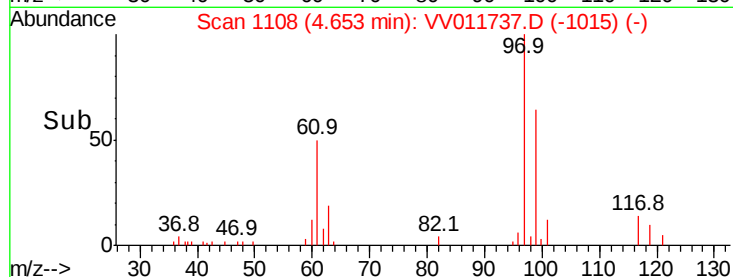
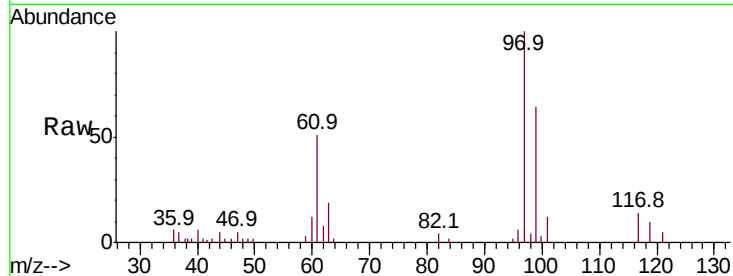




#29
1,1,1-Trichloroethane
Concen: 0.958 ug/L
RT: 4.65 min Scan# 1108
Delta R.T. 0.00 min
Lab File: VV011737.D
Acq: 24 Jun 2019 18:26

Instrument :
MSVOA_V
ClientSampled :
BFCM6DL

Tot Ion: 97 Resp: 17579
Ion Ratio Lower Upper
97 100
99 65.5 51.6 77.4
61 50.6 39.8 59.6



#34
Trichloroethene
Concen: 0.520 ug/L
RT: 5.96 min Scan# 1515
Delta R.T. 0.01 min
Lab File: VV011737.D
Acq: 24 Jun 2019 18:26

Tgt Ion: 95 Resp: 6516
Ion Ratio Lower Upper
95 100
97 59.4 44.4 82.5
132 92.8 65.0 120.6
130 92.9 67.1 124.7

