

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062119\
 Data File : VV011651.D
 Acq On : 20 Jun 2019 19:10
 Operator : SY/MD
 Sample : K3381-08DL 5000X
 Misc : 25ML/MSVOA V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFCQ5DL

Quant Time: Jun 21 03:02:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR062119WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jun 21 02:33:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	165329	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	147781	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	59388	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	59661	5.44	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	108.80%
7) Chloroethane-d5	1.57	69	37345	4.84	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.80%
11) 1,1-Dichloroethene-d2	2.12	63	91474	4.10	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.00%
20) 2-Butanone-d5	3.95	46	175405	60.68	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	121.36%
24) Chloroform-d	4.40	84	101237	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.20%
26) 1,2-Dichloroethane-d4	5.08	65	68032	5.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	113.00%
32) Benzene-d6	5.10	84	228834	5.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	111.00%
36) 1,2-Dichloropropane-d6	6.12	67	71184	5.61	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	112.20%
41) Toluene-d8	7.36	98	196163	5.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.20%
43) trans-1,3-Dichloropropene-	7.67	79	19874	4.48	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.60%
46) 2-Hexanone-d5	8.13	63	128433	61.69	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	123.38%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	49958	5.66	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	113.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	63471	5.67	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	113.40%

Target Compounds

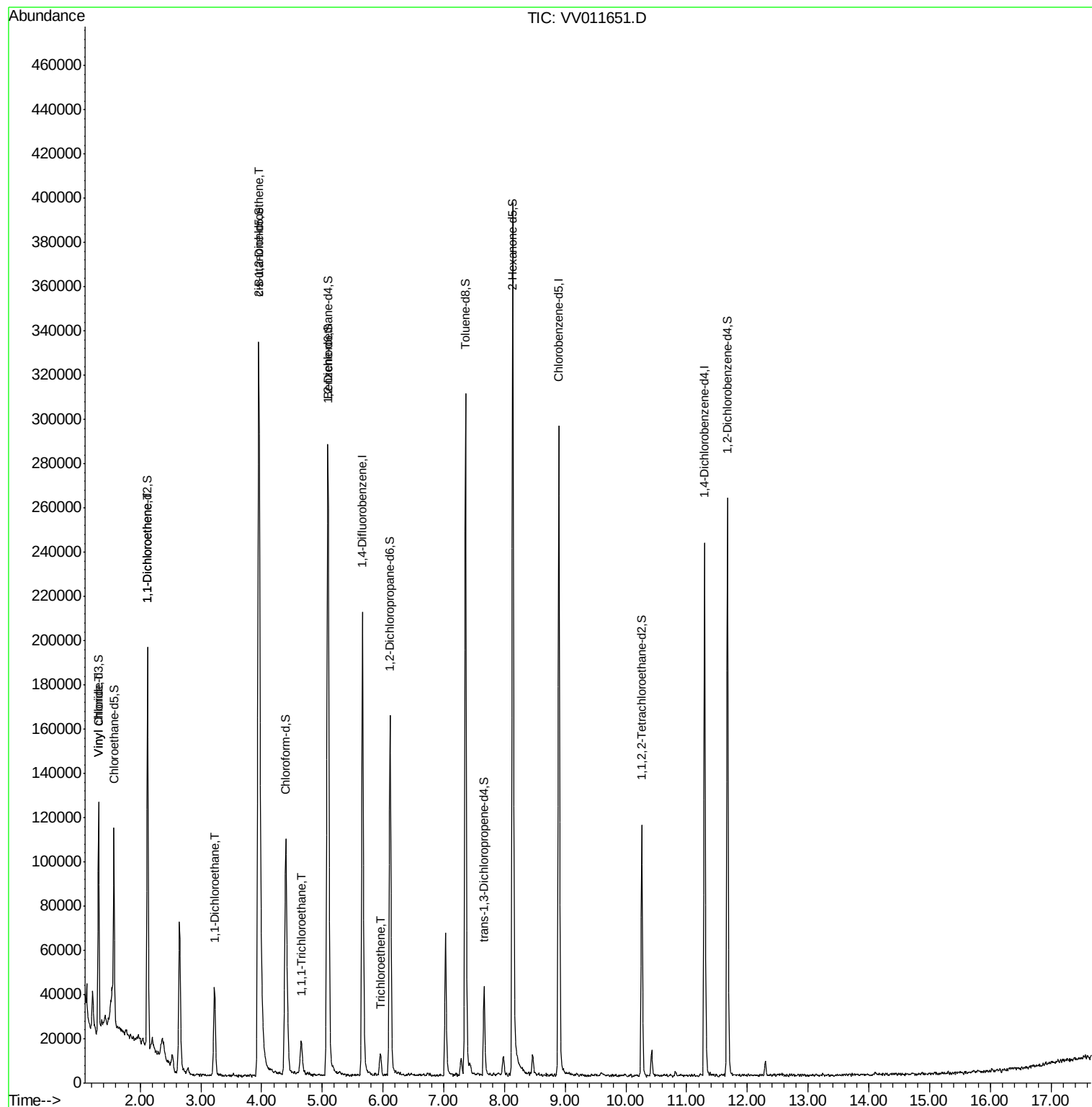
					Ovalue
5) Vinyl chloride	1.32	62	4276	0.280 ug/L #	1
12) 1,1-Dichloroethene	2.13	96	4753	0.465 ug/L #	1
19) 1,1-Dichloroethane	3.23	63	38395	1.606 ug/L	99
22) cis-1,2-Dichloroethene	3.96	96	128242	9.701 ug/L	99
29) 1,1,1-Trichloroethane	4.65	97	10752	0.565 ug/L	98
34) Trichloroethene	5.96	95	2694	0.207 ug/L	88

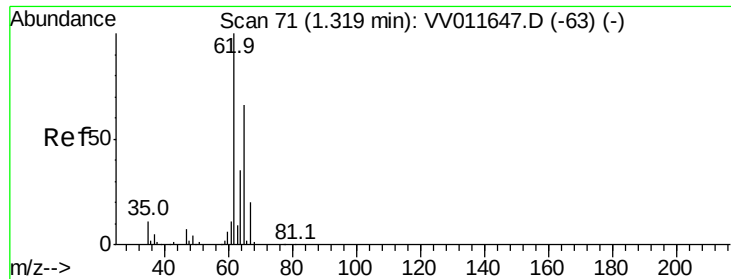
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jun 21 02:33:37 2019
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.280 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VV011651.D

Acq: 20 Jun 2019 19:10

Instrument :

MSVOA_V

ClientSampleID :

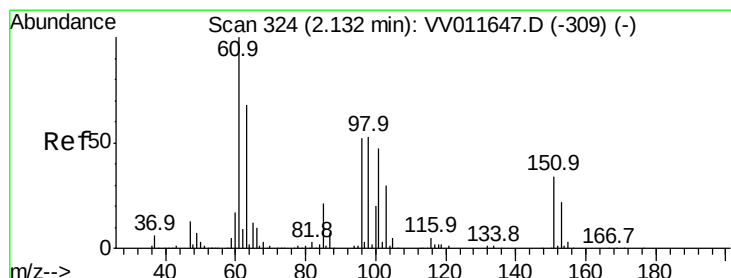
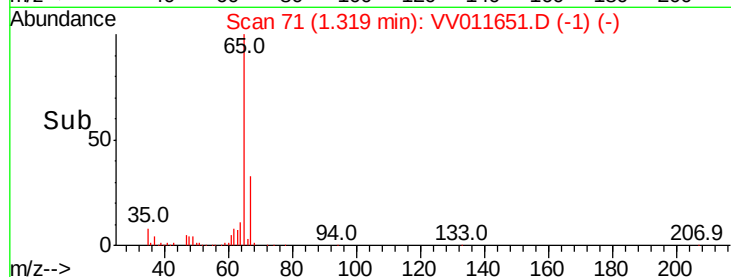
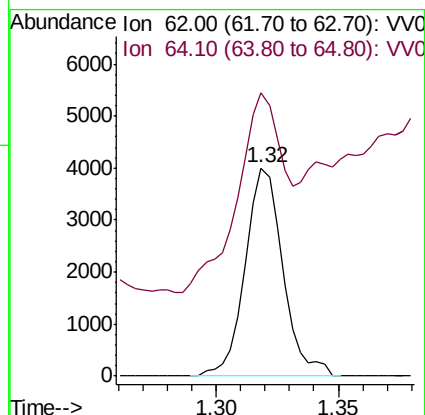
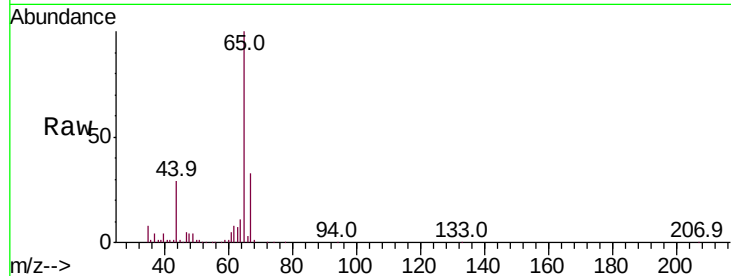
BFCQ5DL

Tot Ion: 62 Resp: 4276

Ion Ratio Lower Upper

62 100

64 135.8 24.1 44.7#



#12

1,1-Dichloroethene

Concen: 0.465 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.00 min

Lab File: VV011651.D

Acq: 20 Jun 2019 19:10

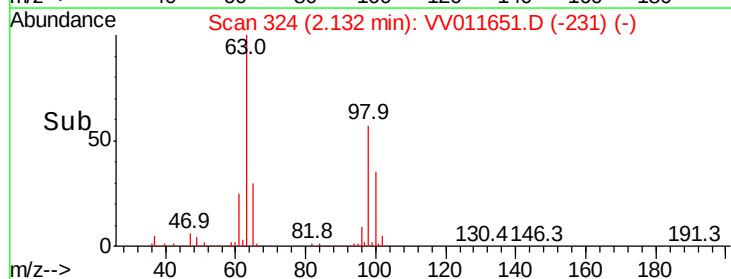
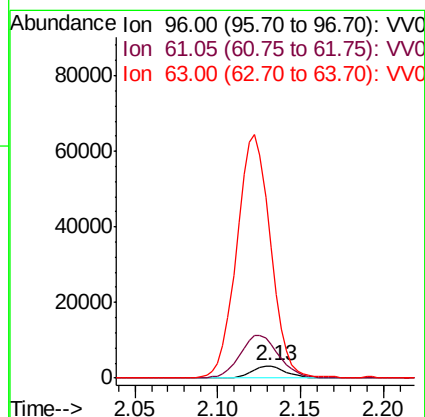
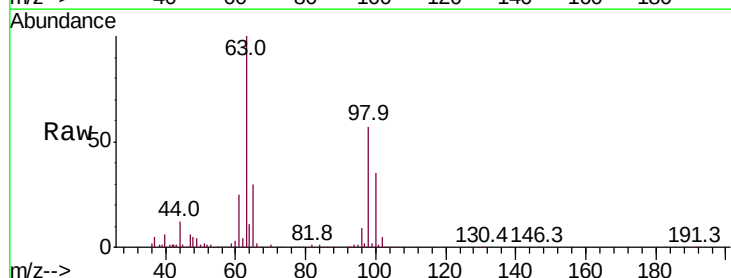
Tgt Ion: 96 Resp: 4753

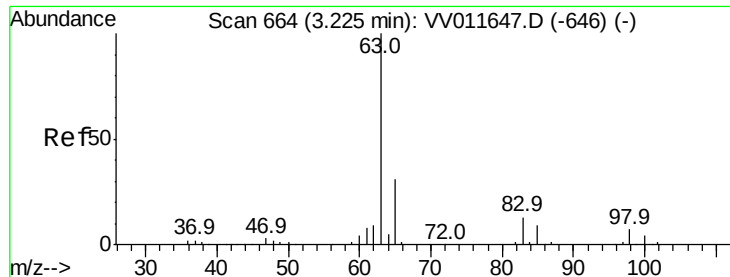
Ion Ratio Lower Upper

96 100

61 272.8 131.5 244.1#

63 1071.5 91.8 170.4#





#19

1,1-Dichloroethane

Concen: 1.606 ug/L

RT: 3.23 min Scan# 664

Delta R.T. -0.00 min

Lab File: VV011651.D

Acq: 20 Jun 2019 19:10

Instrument :

MSVOA_V

ClientSampleId :

BFCQ5DL

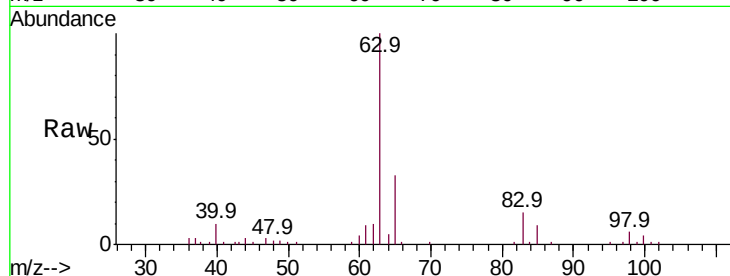
Tot Ion: 63 Resp: 38395

Ion Ratio Lower Upper

63 100

65 33.1 23.0 42.8

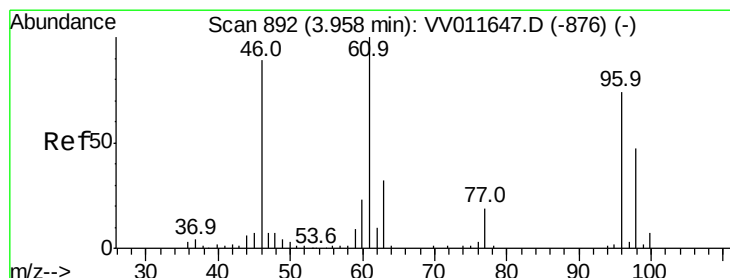
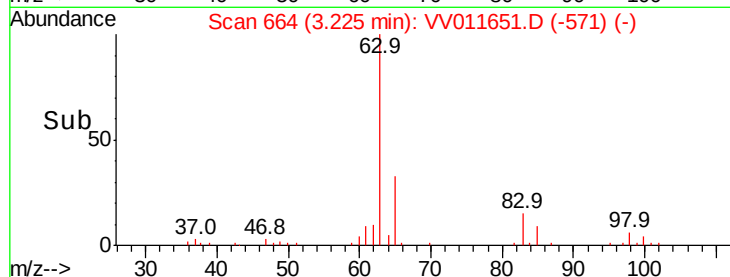
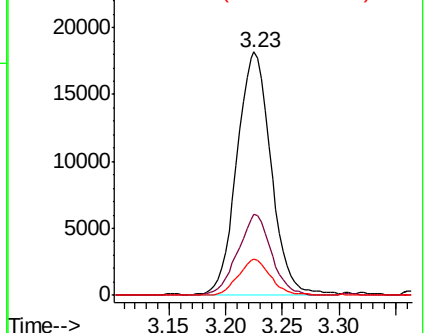
83 14.6 9.5 17.7



Abundance Ion 63.10 (62.80 to 63.80): VV011647.D (-646) (-)

Ion 65.10 (64.80 to 65.80): VV011647.D (-646) (-)

Ion 83.05 (82.75 to 83.75): VV011647.D (-646) (-)



#22

cis-1,2-Dichloroethene

Concen: 9.701 ug/L

RT: 3.96 min Scan# 892

Delta R.T. -0.00 min

Lab File: VV011651.D

Acq: 20 Jun 2019 19:10

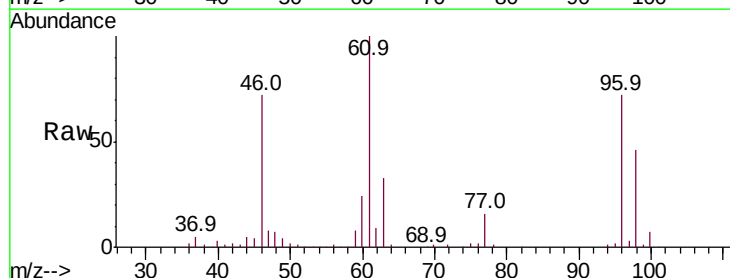
Tgt Ion: 96 Resp: 128242

Ion Ratio Lower Upper

96 100

61 138.4 97.9 181.7

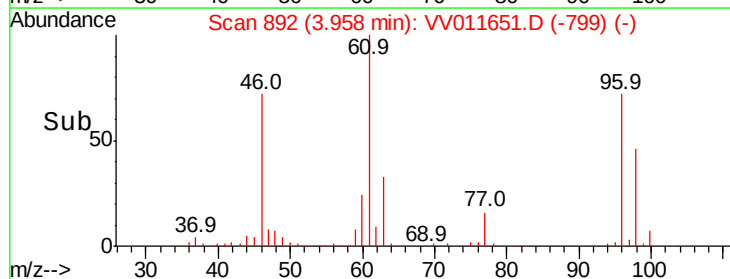
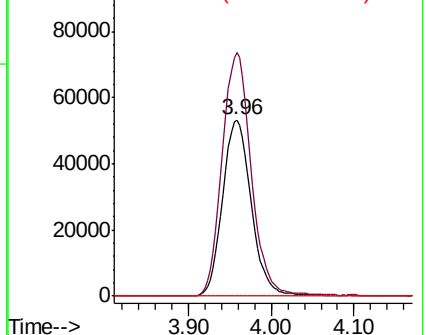
68 0.0 0.0 0.0

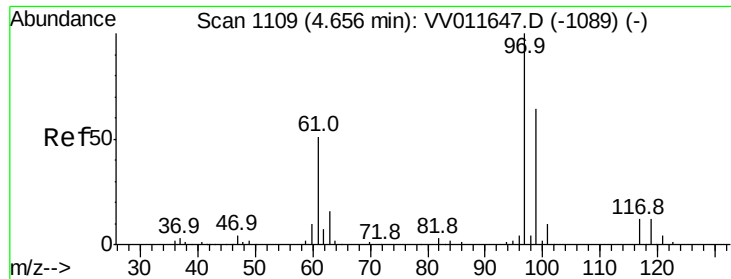


Abundance Ion 96.00 (95.70 to 96.70): VV011647.D (-876) (-)

Ion 61.05 (60.75 to 61.75): VV011647.D (-876) (-)

Ion 68.15 (67.85 to 68.85): VV011647.D (-876) (-)

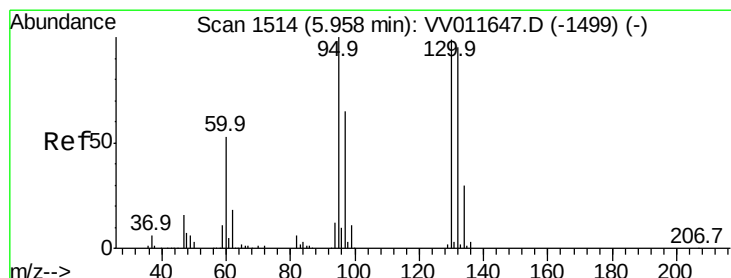
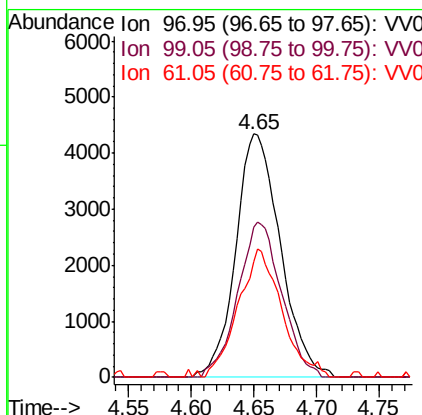
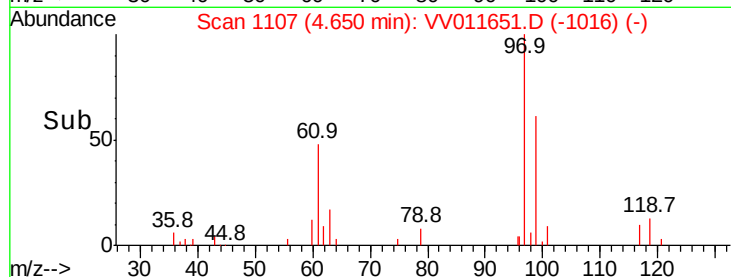
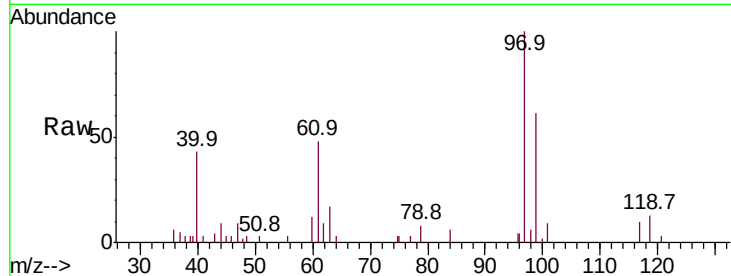




#29
1,1,1-Trichloroethane
Concen: 0.565 ug/L
RT: 4.65 min Scan# 1107
Delta R.T. -0.01 min
Lab File: VV011651.D
Acq: 20 Jun 2019 19:10

Instrument :
MSVOA_V
ClientSampleId :
BFCQ5DL

Tot Ion: 97 Resp: 10752
Ion Ratio Lower Upper
97 100
99 62.6 51.6 77.4
61 51.5 39.8 59.6



#34
Trichloroethene
Concen: 0.207 ug/L
RT: 5.96 min Scan# 1515
Delta R.T. 0.00 min
Lab File: VV011651.D
Acq: 20 Jun 2019 19:10

Tgt Ion: 95 Resp: 2694
Ion Ratio Lower Upper
95 100
97 75.7 44.4 82.5
132 98.9 65.0 120.6
130 109.9 67.1 124.7

