

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061419\
 Data File : VV011513.D
 Acq On : 15 Jun 2019 01:54
 Operator : SY/MD
 Sample : K3289-08 500X
 Misc : 25ML/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFCL2

Quant Time: Jun 15 03:13:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061419WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Jun 15 02:56:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	177810	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	159835	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	61649	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	60391	4.50	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.00%
7) Chloroethane-d5	1.58	69	41723	4.90	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.00%
11) 1,1-Dichloroethene-d2	2.12	63	102308	4.00	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.00%
20) 2-Butanone-d5	3.96	46	195752	51.82	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.64%
24) Chloroform-d	4.40	84	121493	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.00%
26) 1,2-Dichloroethane-d4	5.08	65	72342	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.40%
32) Benzene-d6	5.09	84	241471	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.20%
36) 1,2-Dichloropropane-d6	6.11	67	76908	5.08	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.60%
41) Toluene-d8	7.36	98	201808	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.00%
43) trans-1,3-Dichloropropene-	7.66	79	23696	4.70	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.00%
46) 2-Hexanone-d5	8.14	63	147630	50.79	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.58%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	53011	4.67	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	64222	5.22	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.40%

Target Compounds

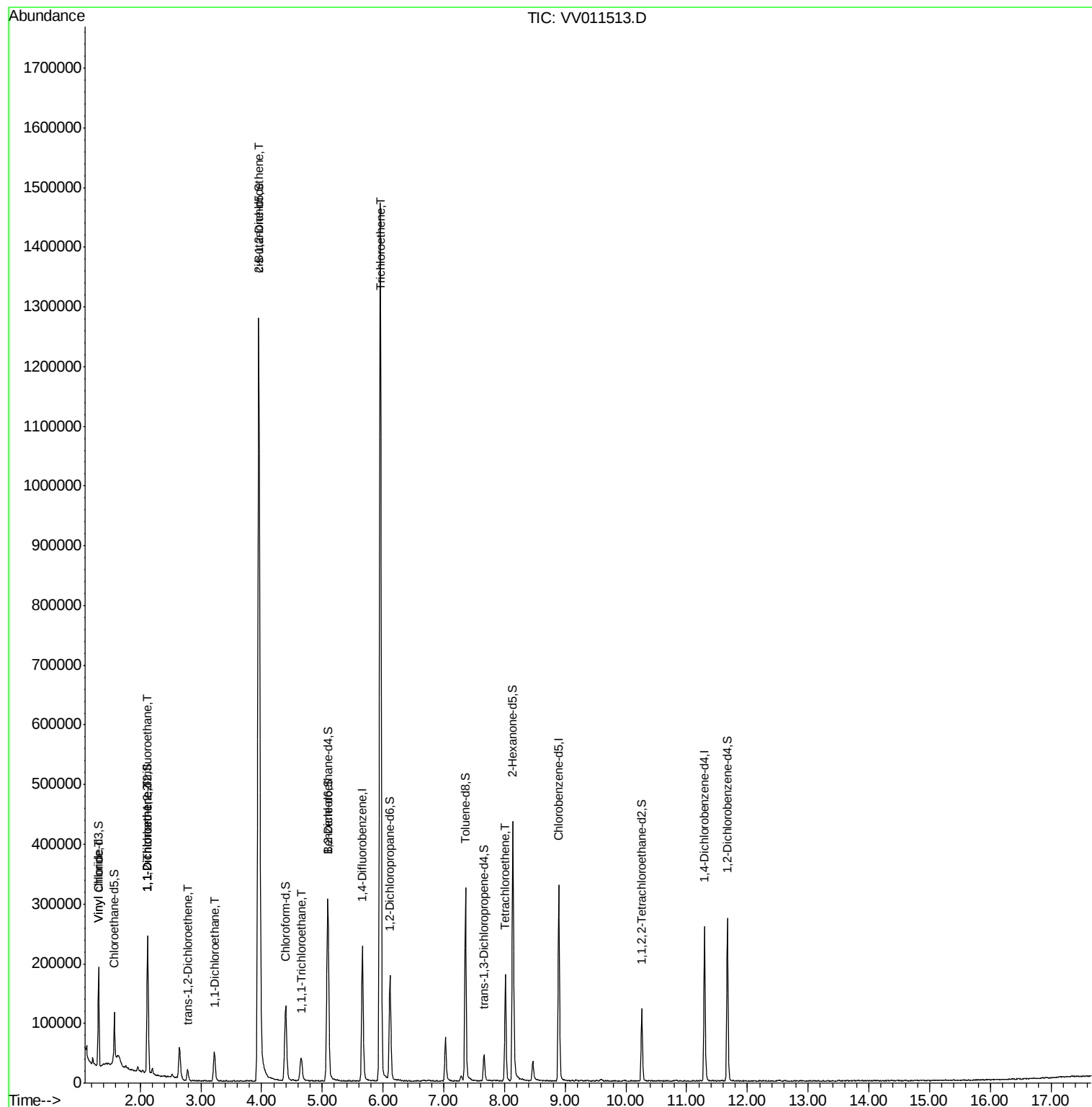
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.32	62	41509	2.446	ug/L	96
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	9458	0.886	ug/L	96
12) 1,1-Dichloroethene	2.13	96	19717	1.783	ug/L #	55
18) trans-1,2-Dichloroethene	2.78	96	6318	0.505	ug/L	92
19) 1,1-Dichloroethane	3.22	63	47801	1.848	ug/L	98
22) cis-1,2-Dichloroethene	3.96	96	607949	42.916	ug/L	97
29) 1,1,1-Trichloroethane	4.65	97	28837	1.450	ug/L	98
34) Trichloroethene	5.96	95	490057	36.809	ug/L	98
47) Tetrachloroethene	8.02	164	36616	3.857	ug/L	99

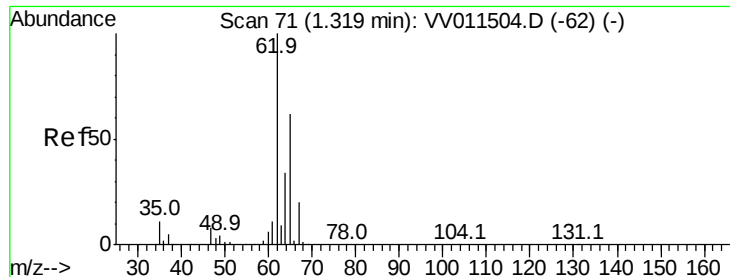
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061419\
Data File : VV011513.D
Acq On : 15 Jun 2019 01:54
Operator : SY/MD
Sample : K3289-08 500X
Misc : 25ML/MSVOA V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFCL2

Quant Time: Jun 15 03:13:52 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Jun 15 02:56:00 2019
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 2.446 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VV011513.D

Acq: 15 Jun 2019 01:54

Instrument :

MSVOA_V

ClientSampleId :

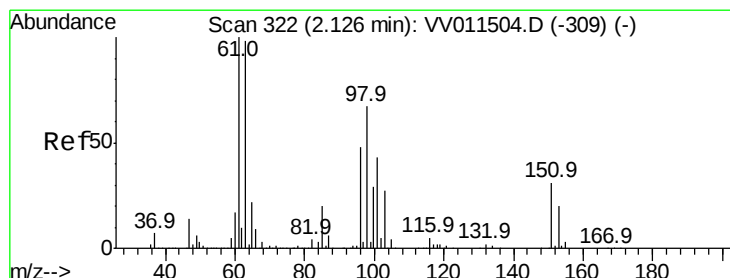
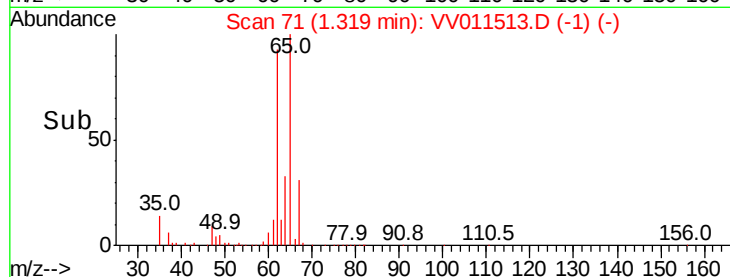
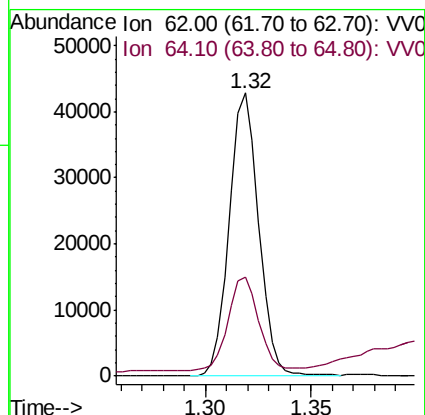
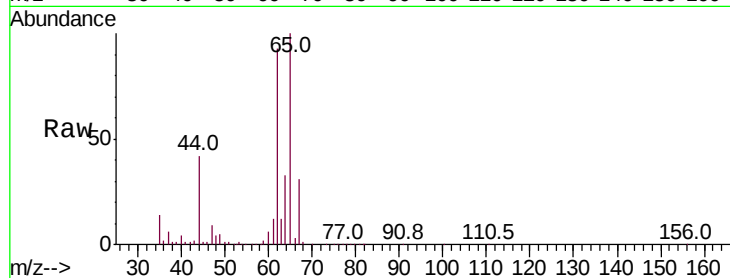
BFCL2

Tot Ion: 62 Resp: 41509

Ion Ratio Lower Upper

62 100

64 35.2 23.0 42.6



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.886 ug/L

RT: 2.13 min Scan# 323

Delta R.T. 0.00 min

Lab File: VV011513.D

Acq: 15 Jun 2019 01:54

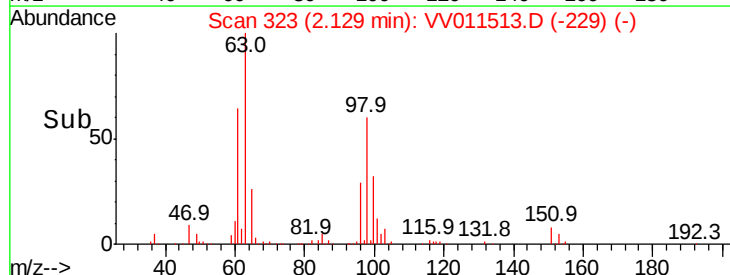
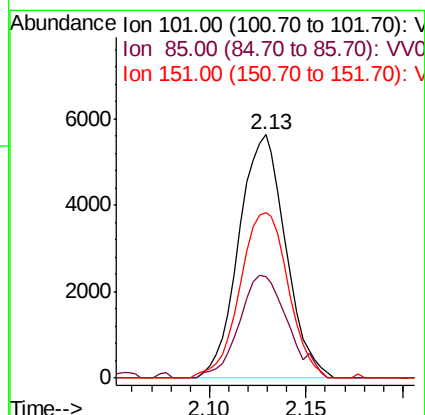
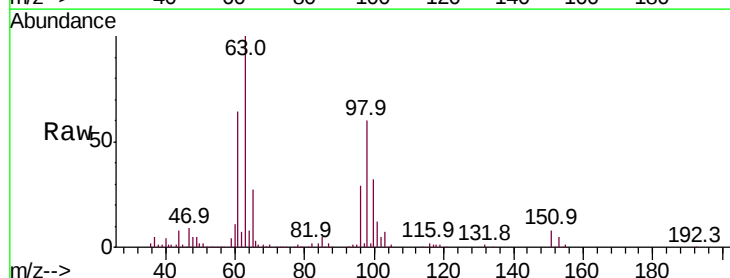
Tgt Ion: 101 Resp: 9458

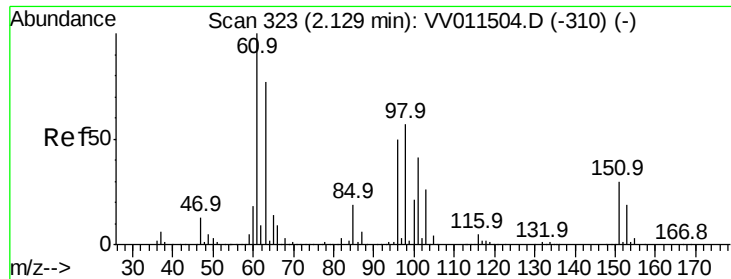
Ion Ratio Lower Upper

101 100

85 43.9 37.3 55.9

151 70.3 59.4 89.2





#12

1,1-Dichloroethene

Concen: 1.783 ug/L

RT: 2.13 min Scan# 324

Delta R.T. 0.00 min

Lab File: VV011513.D

Acq: 15 Jun 2019 01:54

Instrument :
MSVOA_V
ClientSampled :
BFCL2

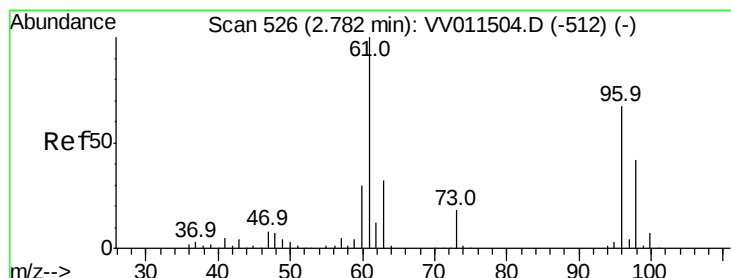
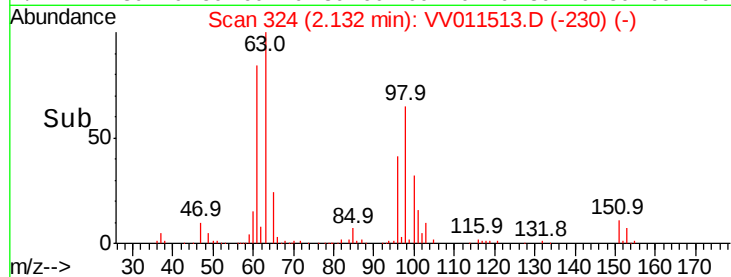
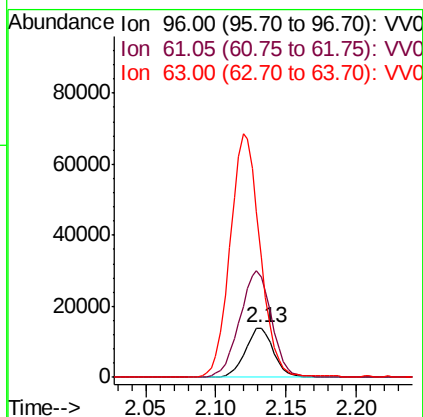
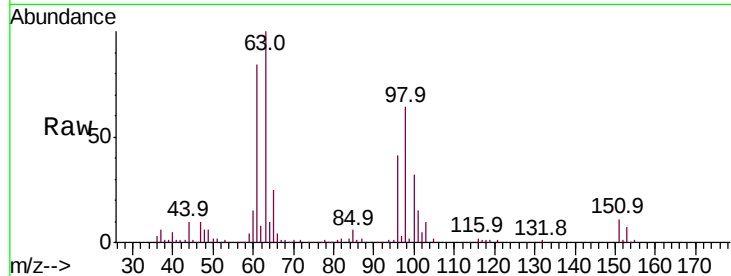
Tot Ion: 96 Resp: 19717

Ion Ratio Lower Upper

96 100

61 204.2 135.9 252.5

63 243.0 86.2 160.2#



#18

trans-1,2-Dichloroethene

Concen: 0.505 ug/L

RT: 2.78 min Scan# 526

Delta R.T. -0.00 min

Lab File: VV011513.D

Acq: 15 Jun 2019 01:54

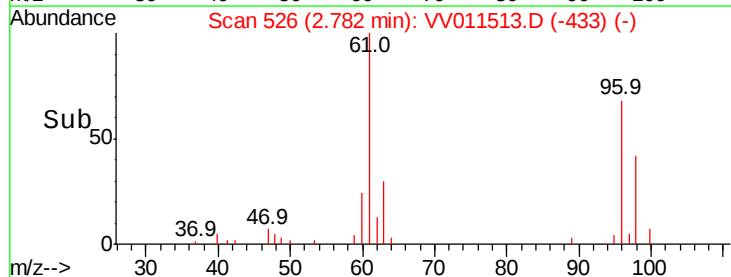
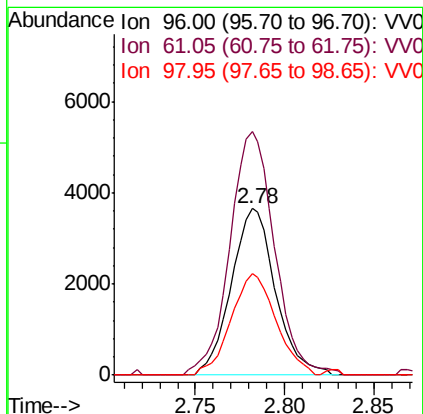
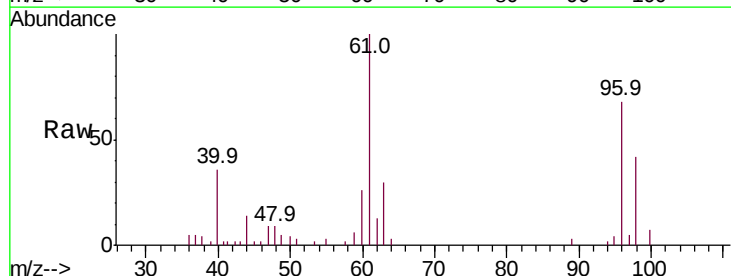
Tgt Ion: 96 Resp: 6318

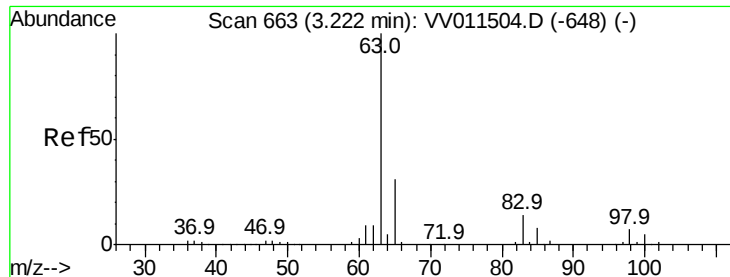
Ion Ratio Lower Upper

96 100

61 146.1 110.0 204.4

98 60.8 45.8 85.0





#19

1,1-Dichloroethane

Concen: 1.848 ug/L

RT: 3.22 min Scan# 663

Delta R.T. -0.00 min

Lab File: VV011513.D

Acq: 15 Jun 2019 01:54

Instrument :

MSVOA_V

ClientSampleId :

BFCL2

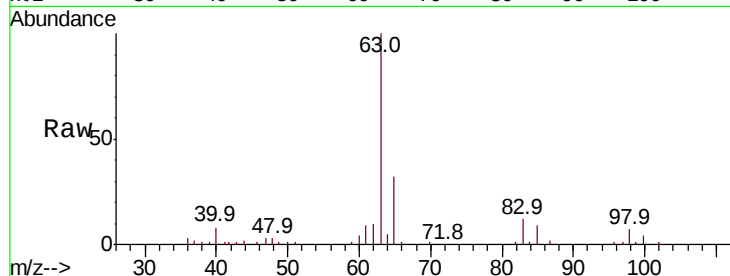
Tot Ion: 63 Resp: 47801

Ion Ratio Lower Upper

63 100

65 32.3 22.5 41.9

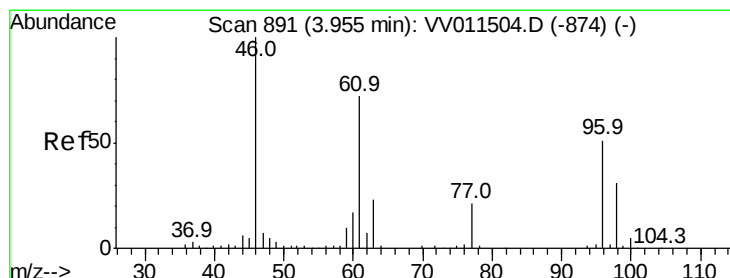
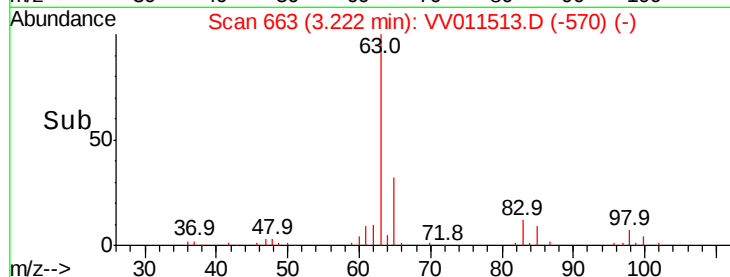
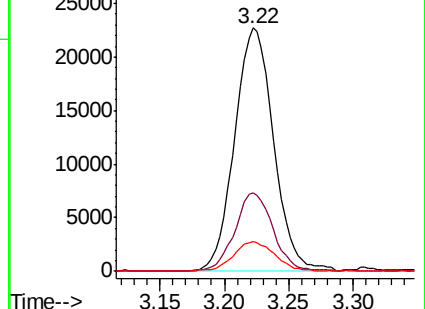
83 12.1 10.1 18.9



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: 42.916 ug/L

RT: 3.96 min Scan# 891

Delta R.T. -0.00 min

Lab File: VV011513.D

Acq: 15 Jun 2019 01:54

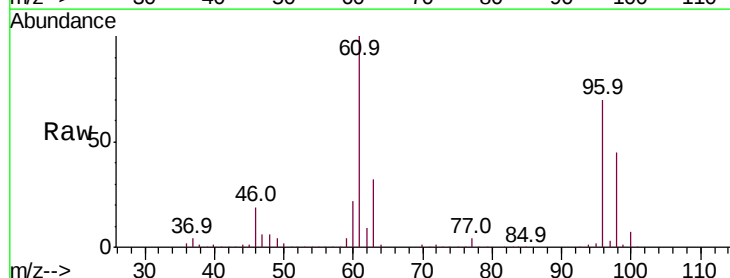
Tgt Ion: 96 Resp: 607949

Ion Ratio Lower Upper

96 100

61 142.6 102.2 189.8

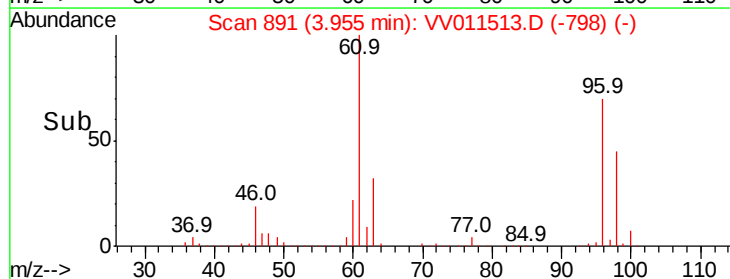
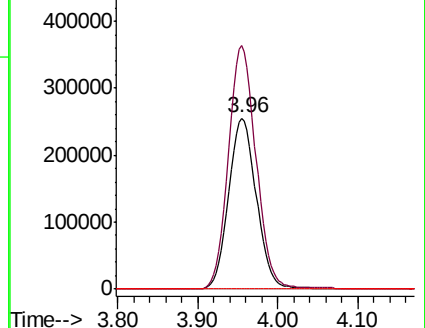
68 0.0 0.0 0.0

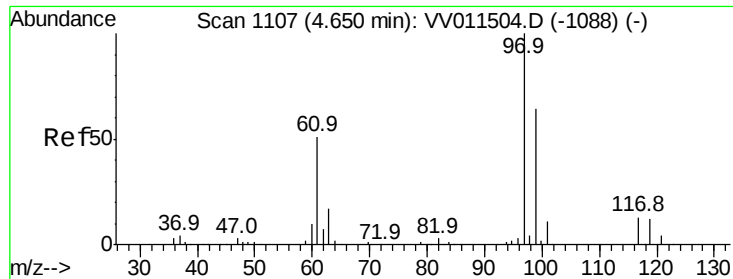


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 68.15 (67.85 to 68.85): VV0

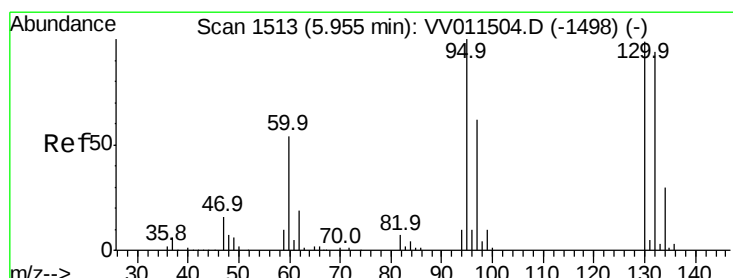
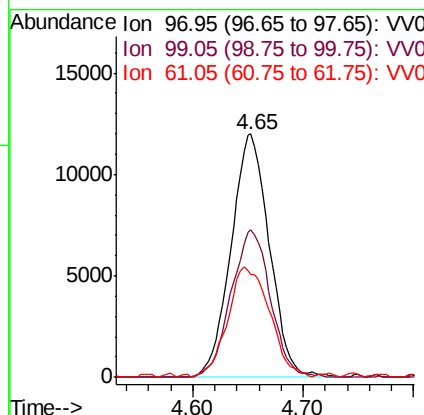
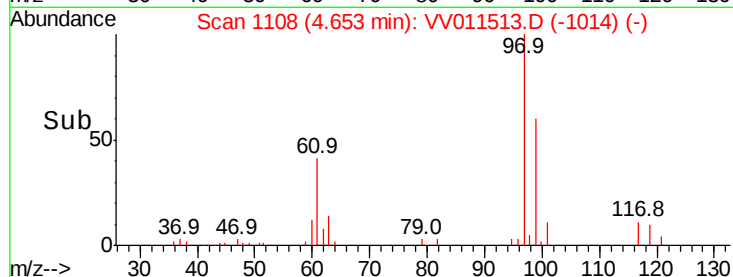
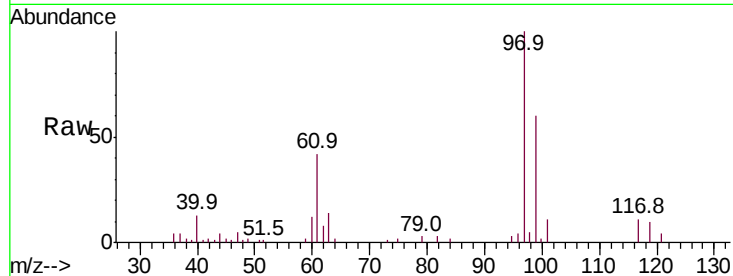




#29
1,1,1-Trichloroethane
Concen: 1.450 ug/L
RT: 4.65 min Scan# 1108
Delta R.T. 0.00 min
Lab File: VV011513.D
Acq: 15 Jun 2019 01:54

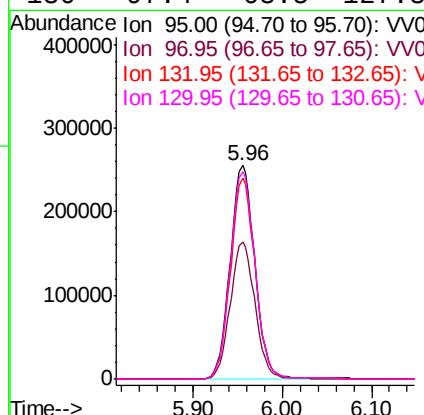
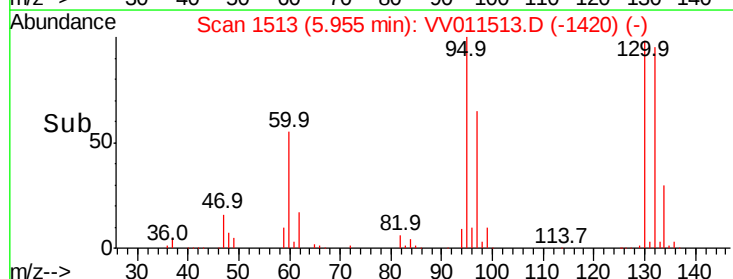
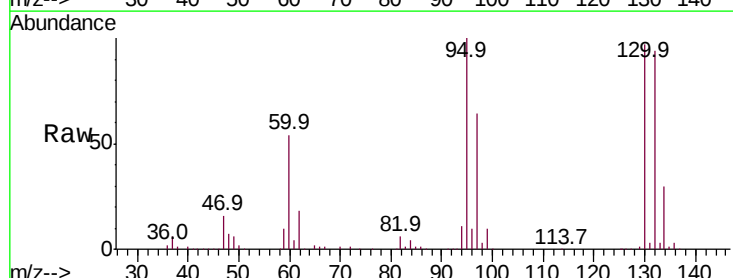
Instrument :
MSVOA_V
ClientSampleId :
BFCL2

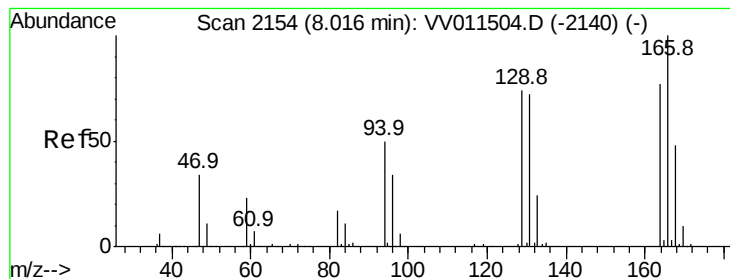
Tot Ion: 97 Resp: 28837
Ion Ratio Lower Upper
97 100
99 62.5 51.6 77.4
61 49.9 40.4 60.6



#34
Trichloroethene
Concen: 36.809 ug/L
RT: 5.96 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VV011513.D
Acq: 15 Jun 2019 01:54

Tgt Ion: 95 Resp: 490057
Ion Ratio Lower Upper
95 100
97 64.3 44.4 82.4
132 94.1 63.5 117.9
130 97.4 68.5 127.3





#47

Tetrachloroethene

Concen: 3.857 ug/L

RT: 8.02 min Scan# 2154

Delta R.T. -0.00 min

Lab File: VV011513.D

Acq: 15 Jun 2019 01:54

Instrument :
MSVOA_V
ClientSampleId :
BFCL2

Tot Ion:164 Resp: 36616

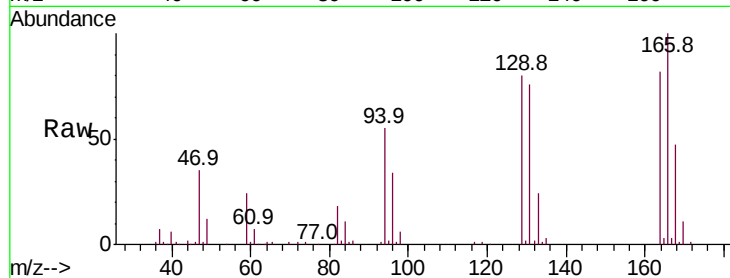
Ion Ratio Lower Upper

164 100

129 98.3 68.8 127.8

131 92.9 63.2 117.4

166 122.7 87.0 161.6



Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V

