

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061419\
 Data File : VV011511.D
 Acq On : 15 Jun 2019 00:57
 Operator : SY/MD
 Sample : K3289-08DL 2000X
 Misc : 25ML/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFCL2DL

Quant Time: Jun 15 03:06:01 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	175237	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	159884	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	62705	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	63973	4.84	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.80%
7) Chloroethane-d5	1.58	69	44871	5.35	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	107.00%
11) 1,1-Dichloroethene-d2	2.12	63	99415	3.95	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.00%
20) 2-Butanone-d5	3.96	46	199746	53.65	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.30%
24) Chloroform-d	4.40	84	124717	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.00%
26) 1,2-Dichloroethane-d4	5.08	65	74874	5.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.60%
32) Benzene-d6	5.09	84	254178	5.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.60%
36) 1,2-Dichloropropane-d6	6.12	67	80756	5.33	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.60%
41) Toluene-d8	7.36	98	211884	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.60%
43) trans-1,3-Dichloropropene-	7.66	79	23684	4.70	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.00%
46) 2-Hexanone-d5	8.14	63	155201	53.38	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.76%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	54865	4.83	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	70018	5.60	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	112.00%

Target Compounds

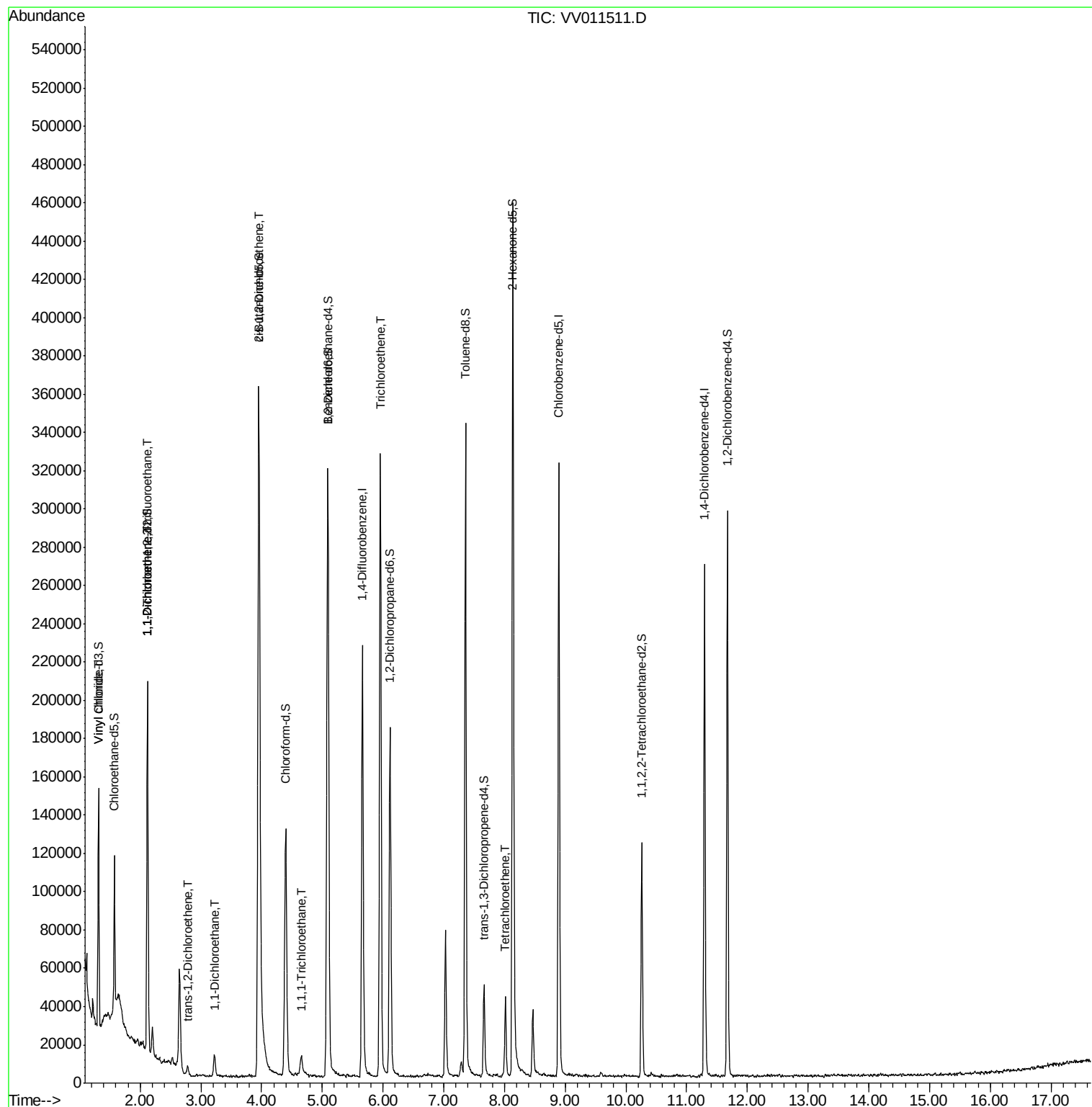
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.32	62	9394	0.562	ug/L #	69
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	3012	0.286	ug/L #	86
12) 1,1-Dichloroethene	2.13	96	5049	0.463	ug/L #	1
18) trans-1,2-Dichloroethene	2.78	96	1390	0.113	ug/L	81
19) 1,1-Dichloroethane	3.23	63	10686	0.419	ug/L	100
22) cis-1,2-Dichloroethene	3.96	96	132242	9.472	ug/L	95
29) 1,1,1-Trichloroethane	4.65	97	6522	0.328	ug/L	97
34) Trichloroethene	5.96	95	108972	8.183	ug/L	99
47) Tetrachloroethene	8.02	164	8271	0.871	ug/L	95

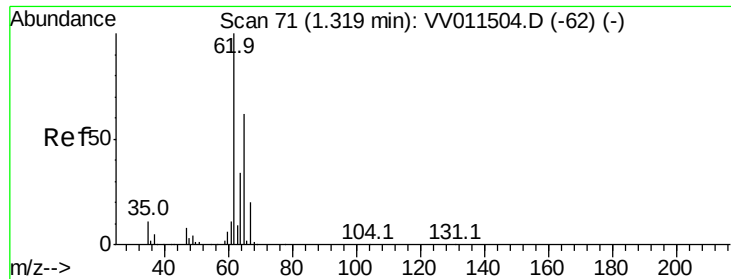
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Jun 15 02:56:00 2019
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.562 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VV011511.D

Acq: 15 Jun 2019 00:57

Instrument :

MSVOA_V

ClientSampled :

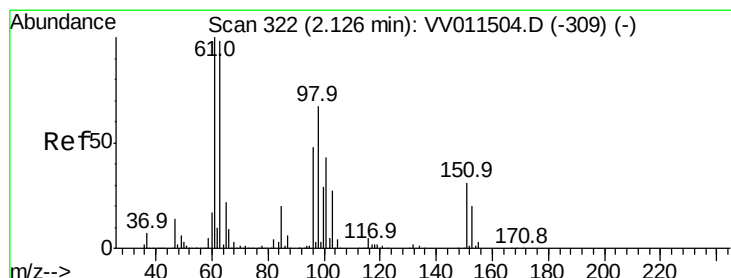
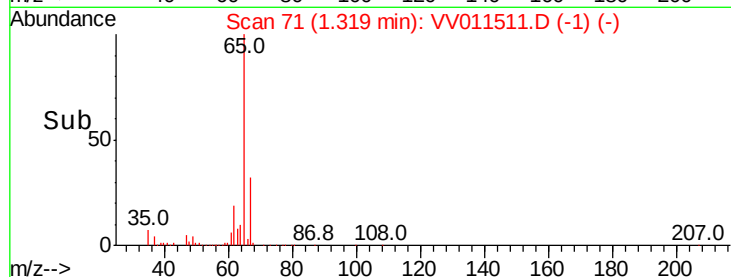
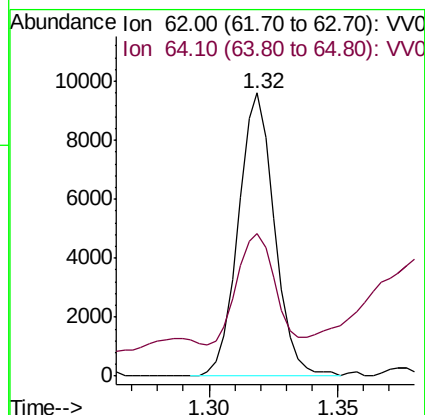
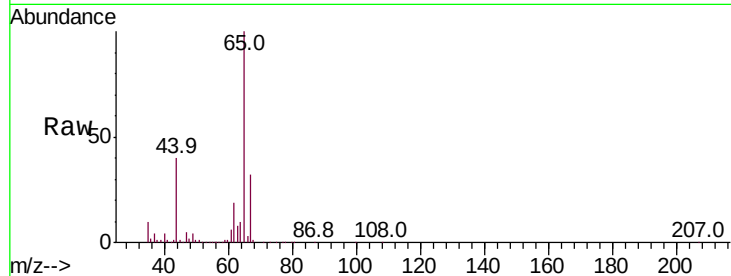
BFCL2DL

Tot Ion: 62 Resp: 9394

Ion Ratio Lower Upper

62 100

64 50.2 23.0 42.6#



#10

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

Concen: 0.286 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.00 min

Lab File: VV011511.D

Acq: 15 Jun 2019 00:57

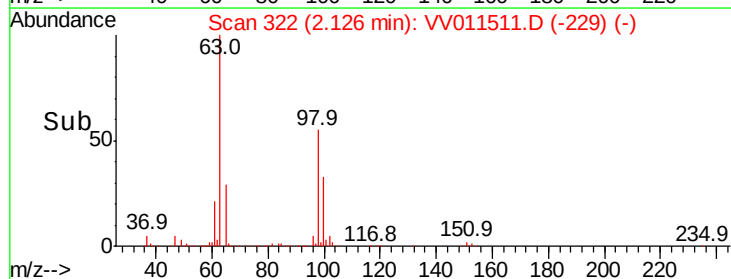
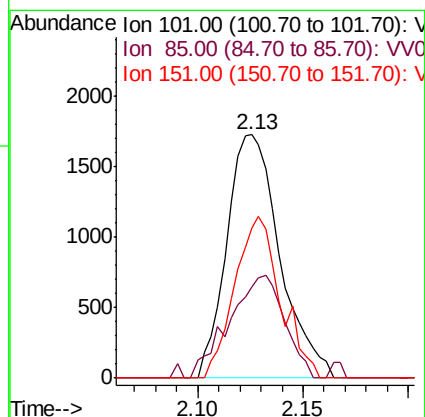
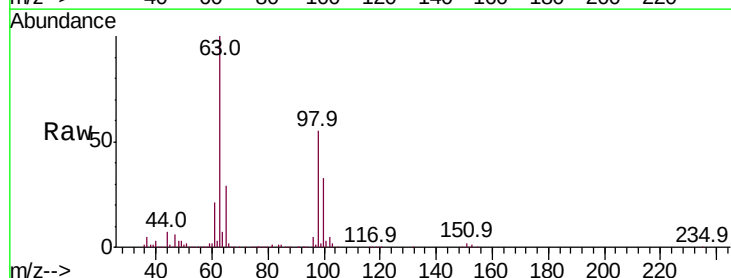
Tgt Ion: 101 Resp: 3012

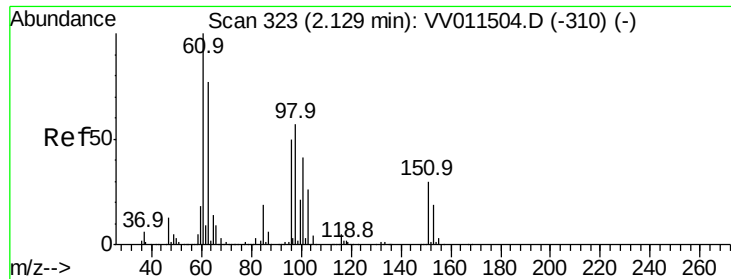
Ion Ratio Lower Upper

101 100

85 44.0 37.3 55.9

151 56.9 59.4 89.2#





#12

1,1-Dichloroethene

Concen: 0.463 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.00 min

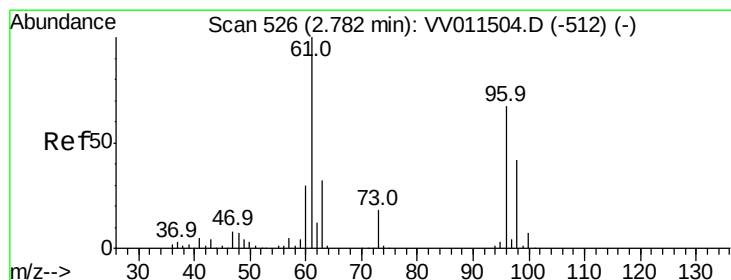
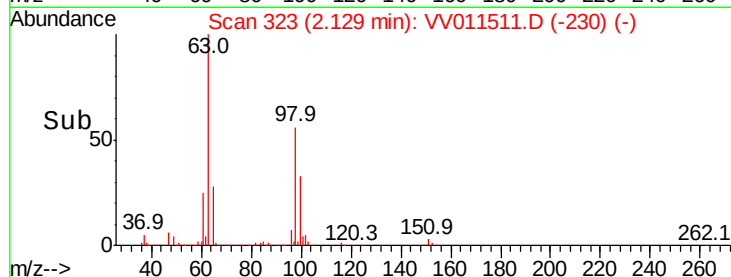
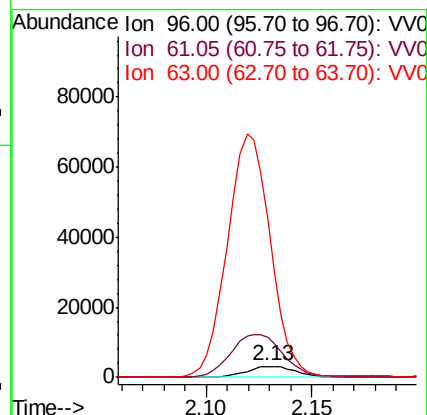
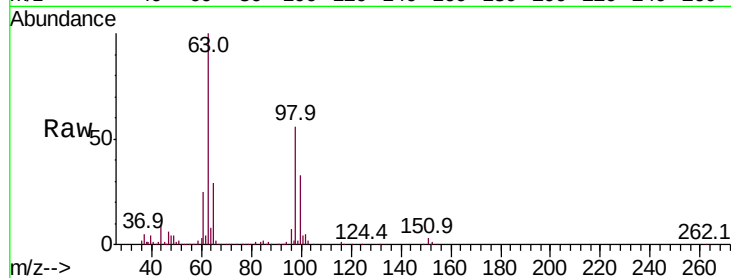
Lab File: VV011511.D

Acq: 15 Jun 2019 00:57

Instrument :
MSVOA_V
ClientSampleId :
BFCL2DL

Tot Ion: 96 Resp: 5049

Ion	Ratio	Lower	Upper
96	100		
61	353.4	135.9	252.5#
63	1414.1	86.2	160.2#



#18

trans-1,2-Dichloroethene

Concen: 0.113 ug/L

RT: 2.78 min Scan# 526

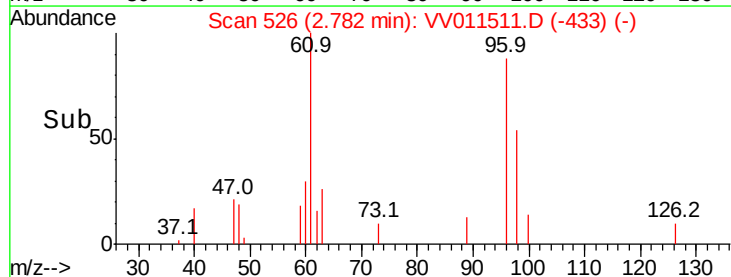
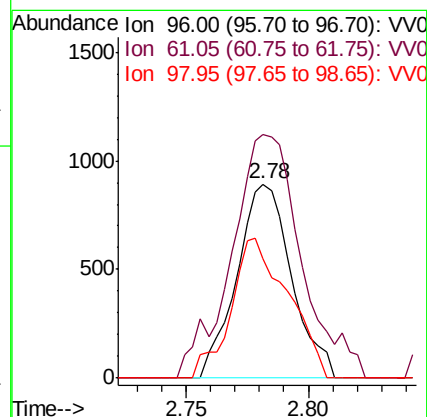
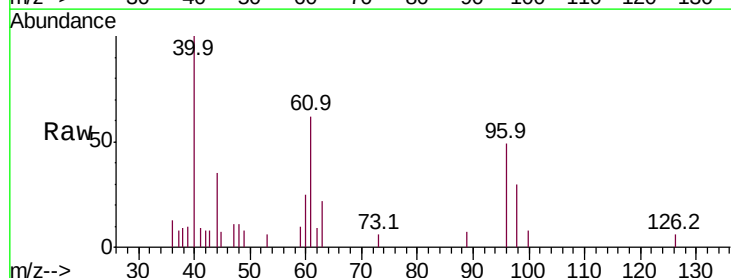
Delta R.T. -0.00 min

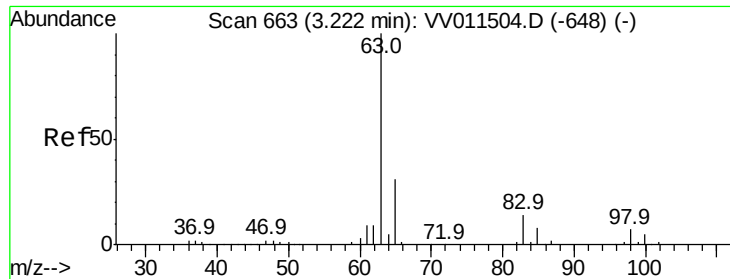
Lab File: VV011511.D

Acq: 15 Jun 2019 00:57

Tgt Ion: 96 Resp: 1390

Ion	Ratio	Lower	Upper
96	100		
61	125.4	110.0	204.4
98	61.4	45.8	85.0

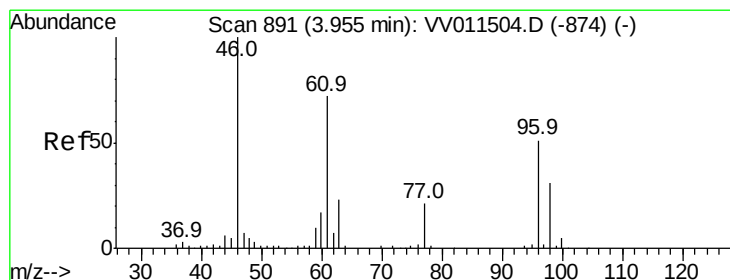
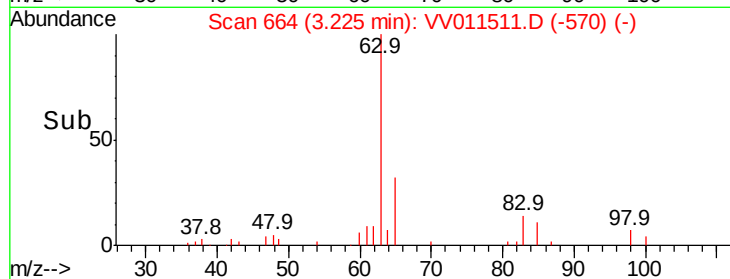
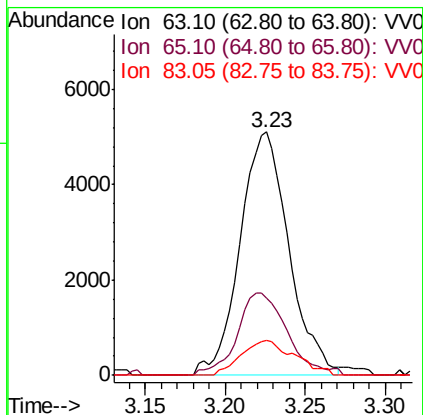
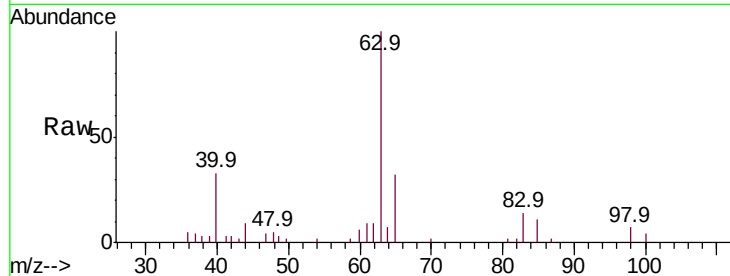




#19
 1,1-Dichloroethane
 Concen: 0.419 ug/L
 RT: 3.23 min Scan# 664
 Delta R.T. 0.00 min
 Lab File: VV011511.D
 Acq: 15 Jun 2019 00:57

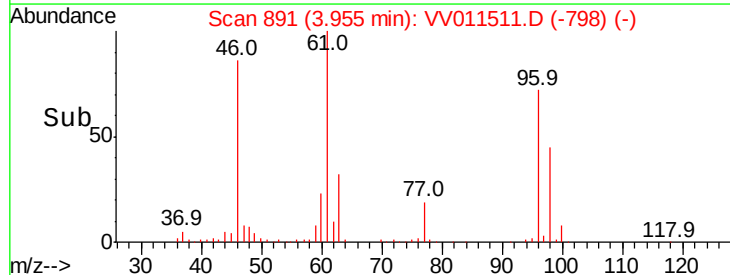
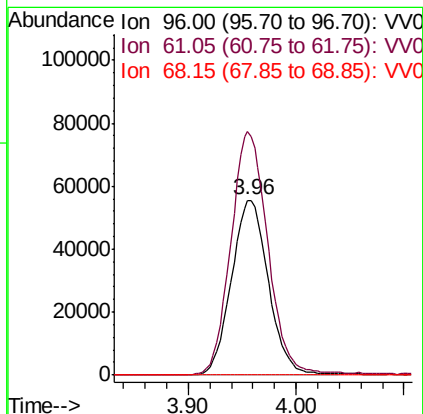
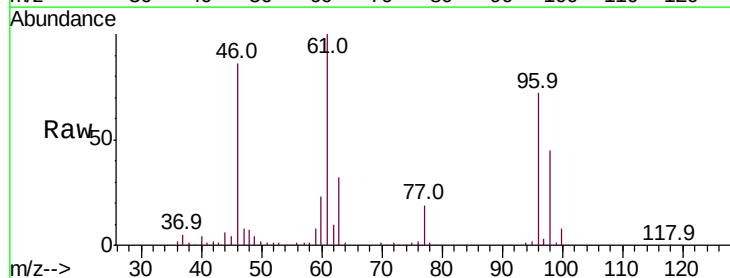
Instrument :
 MSVOA_V
 ClientSampleId :
 BFCL2DL

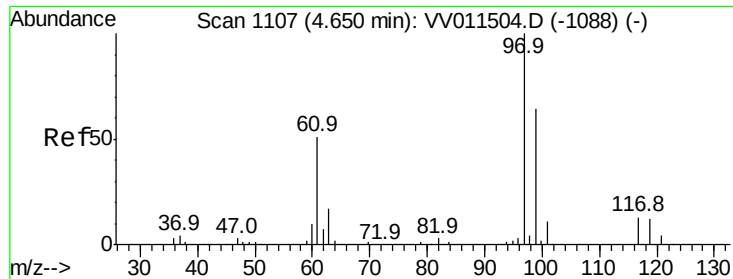
Tot Ion:	63	Resp:	10686
Ion	Ratio	Lower	Upper
63	100		
65	32.0	22.5	41.9
83	14.4	10.1	18.9



#22
 cis-1,2-Dichloroethene
 Concen: 9.472 ug/L
 RT: 3.96 min Scan# 891
 Delta R.T. -0.00 min
 Lab File: VV011511.D
 Acq: 15 Jun 2019 00:57

Tgt Ion:	96	Resp:	132242
Ion	Ratio	Lower	Upper
96	100		
61	139.6	102.2	189.8
68	0.0	0.0	0.0

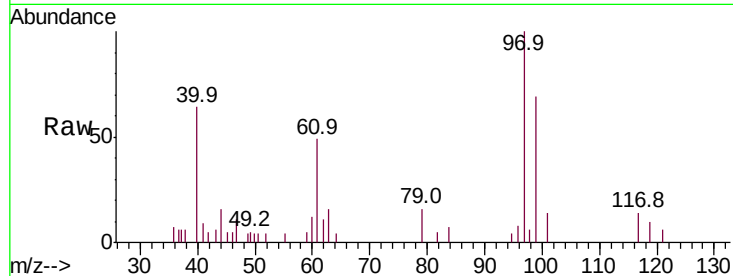




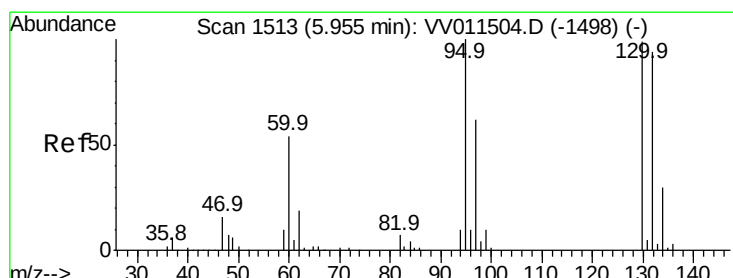
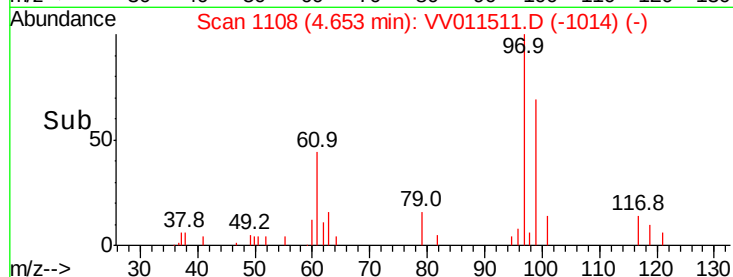
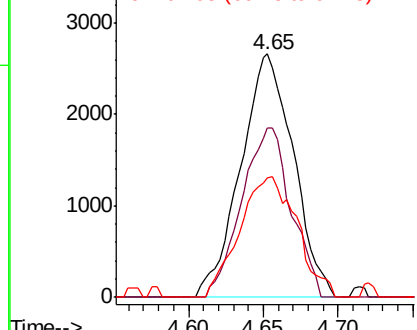
#29
1,1,1-Trichloroethane
Concen: 0.328 ug/L
RT: 4.65 min Scan# 1108
Delta R.T. 0.00 min
Lab File: VV011511.D
Acq: 15 Jun 2019 00:57

Instrument :
MSVOA_V
ClientSampleId :
BFCL2DL

Tot Ion: 97 Resp: 6522
Ion Ratio Lower Upper
97 100
99 65.5 51.6 77.4
61 54.1 40.4 60.6

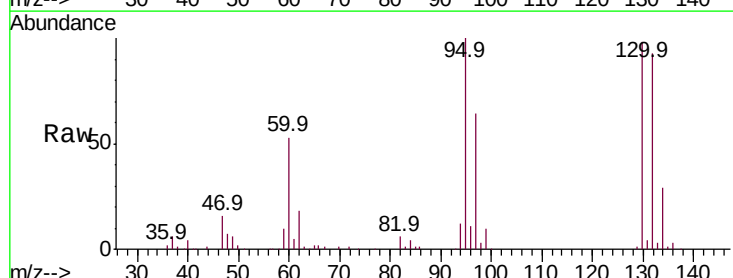


Abundance Ion 96.95 (96.65 to 97.65): VV0
Ion 99.05 (98.75 to 99.75): VV0
Ion 61.05 (60.75 to 61.75): VV0

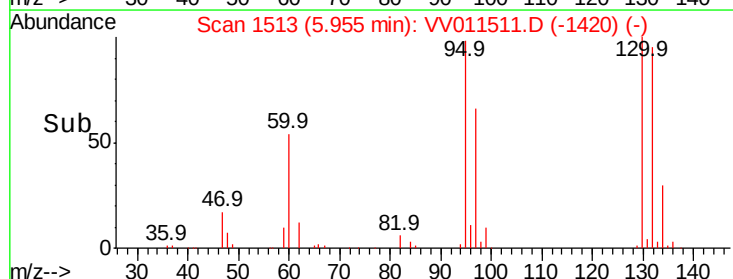
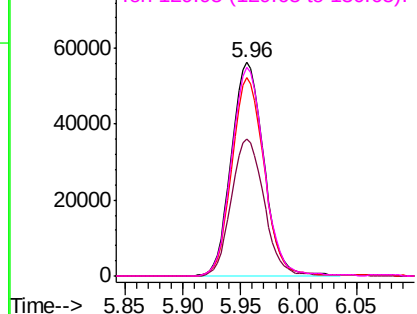


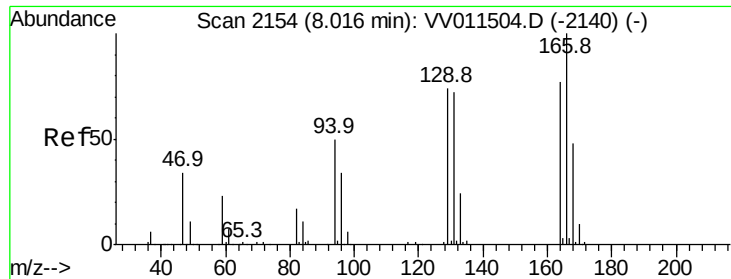
#34
Trichloroethene
Concen: 8.183 ug/L
RT: 5.96 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VV011511.D
Acq: 15 Jun 2019 00:57

Tgt Ion: 95 Resp: 108972
Ion Ratio Lower Upper
95 100
97 64.3 44.4 82.4
132 92.9 63.5 117.9
130 97.6 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): VV0
Ion 129.95 (129.65 to 130.65): VV0





#47
Tetrachloroethene
Concen: 0.871 ug/L
RT: 8.02 min Scan# 2154
Delta R.T. -0.00 min
Lab File: VV011511.D
Acq: 15 Jun 2019 00:57

Instrument :
MSVOA_V
ClientSampleId :
BFCL2DL

Tot Ion:	164	Resp:	8271
Ion	Ratio	Lower	Upper
164	100		
129	107.1	68.8	127.8
131	88.2	63.2	117.4
166	129.1	87.0	161.6

