

Data File : VV011531.D
Acq On : 15 Jun 2019 11:19
Operator : SY/MD
Sample : K3289-15
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFCL4

Quant Time: Jun 17 04:35:23 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Jun 17 04:30:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	184872	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	169980	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	66193	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	62971	4.51	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.20%
7) Chloroethane-d5	1.57	69	43174	4.88	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.60%
11) 1,1-Dichloroethene-d2	2.12	63	94596	3.56	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.20%
20) 2-Butanone-d5	3.95	46	189658	48.29	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.58%
24) Chloroform-d	4.40	84	123435	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.00%
26) 1,2-Dichloroethane-d4	5.08	65	73818	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.60%
32) Benzene-d6	5.09	84	248702	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.00%
36) 1,2-Dichloropropane-d6	6.12	67	78280	4.86	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.20%
41) Toluene-d8	7.36	98	212223	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.80%
43) trans-1,3-Dichloropropene-	7.66	79	21085	3.94	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.80%
46) 2-Hexanone-d5	8.14	63	142448	46.08	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.16%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	52545	4.35	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.00%
64) 1,2-Dichlorobenzene-d4	11.67	152	67474	5.11	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.20%

Target Compounds

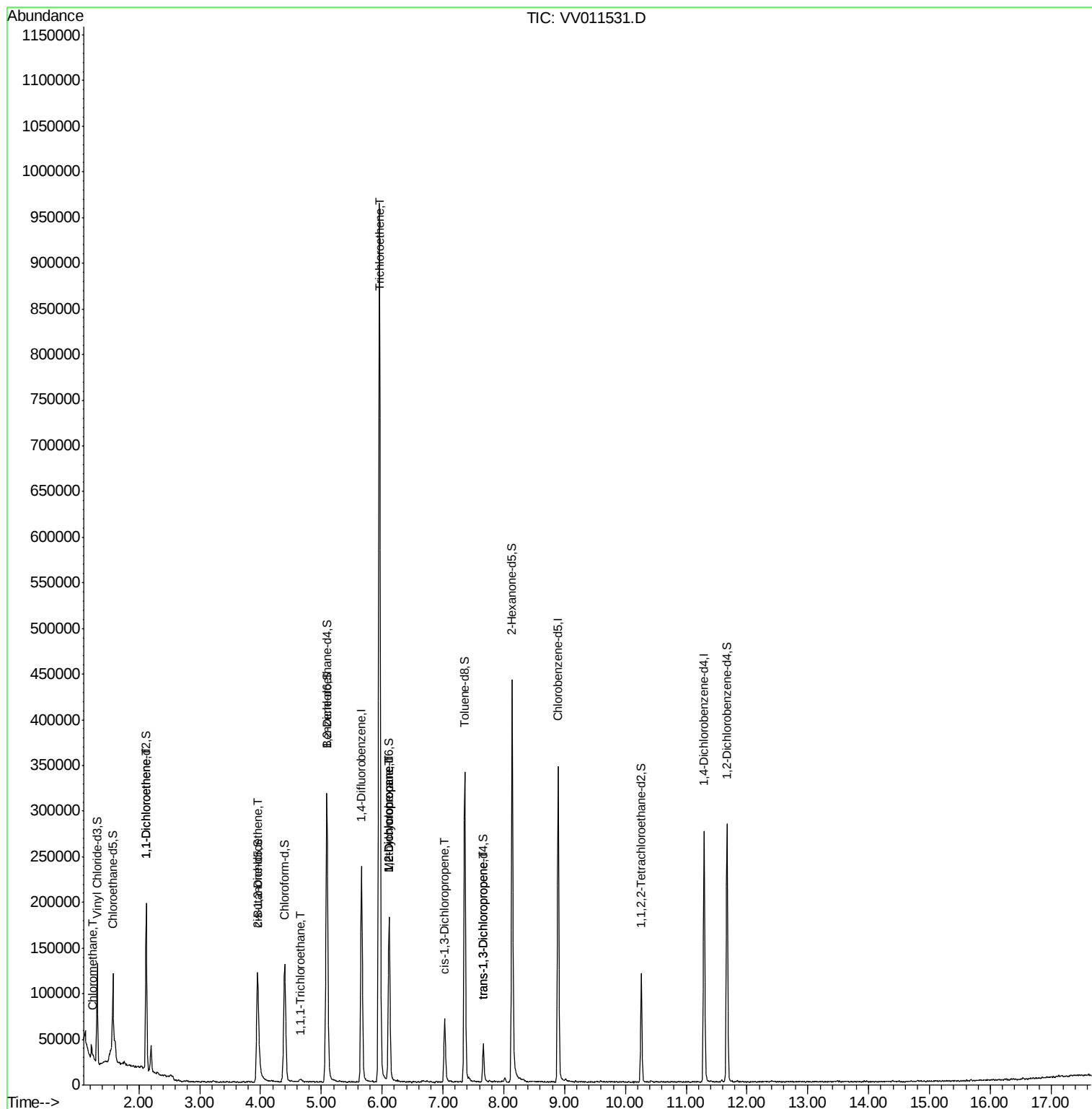
						Qvalue
3) Chloromethane	1.25	50	2146	0.120	ug/L	92
12) 1,1-Dichloroethene	2.13	96	1400	0.122	ug/L #	1
22) cis-1,2-Dichloroethene	3.96	96	7984	0.542	ug/L	87
29) 1,1,1-Trichloroethane	4.66	97	1532	0.072	ug/L #	65
34) Trichloroethene	5.96	95	325351	22.979	ug/L	99
35) Methylcyclohexane	6.12	83	19226	0.952	ug/L #	15
37) 1,2-Dichloropropane	6.11	63	10054	0.680	ug/L #	91
39) cis-1,3-Dichloropropene	7.03	75	2007	0.108	ug/L #	74
44) trans-1,3-Dichloropropene	7.67	75	1175	0.083	ug/L	91

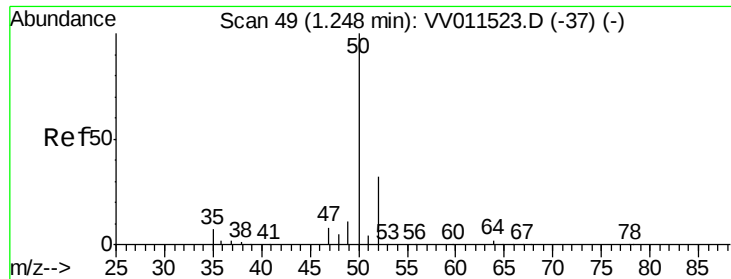
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.120 ug/L

RT: 1.25 min Scan# 49

Delta R.T. 0.00 min

Lab File: VV011531.D

Acq: 15 Jun 2019 11:19

Instrument :

MSVOA_V

ClientSampleId :

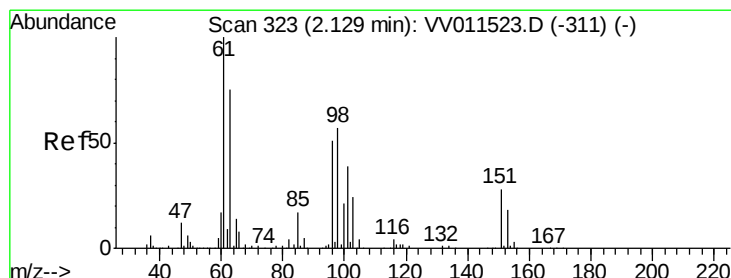
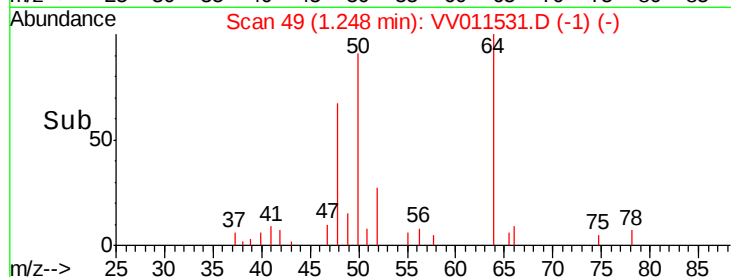
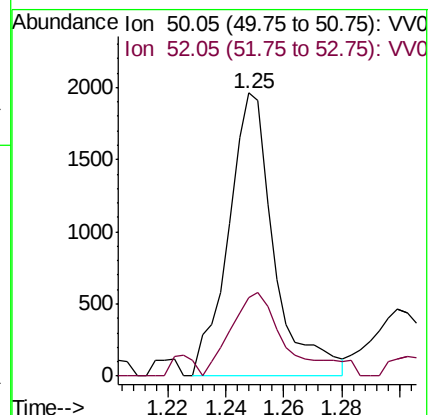
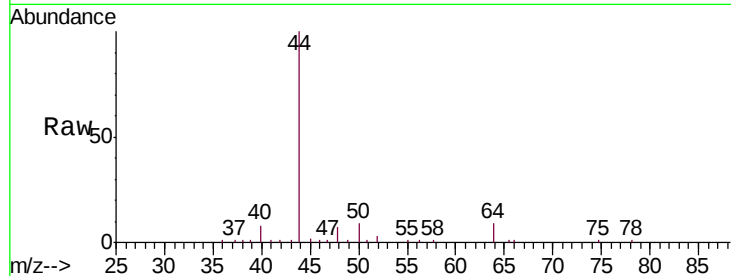
BFCL4

Tgt Ion: 50 Resp: 2146

Ion Ratio Lower Upper

50 100

52 27.8 22.7 42.1



#12

1,1-Dichloroethene

Concen: 0.122 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.00 min

Lab File: VV011531.D

Acq: 15 Jun 2019 11:19

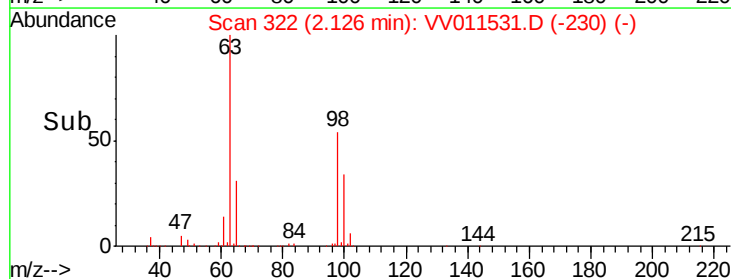
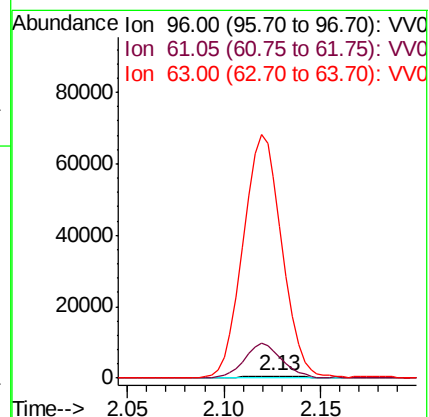
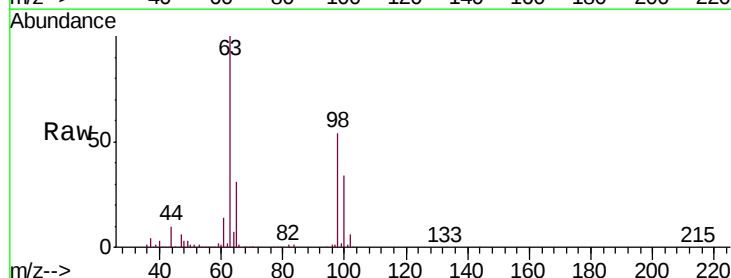
Tgt Ion: 96 Resp: 1400

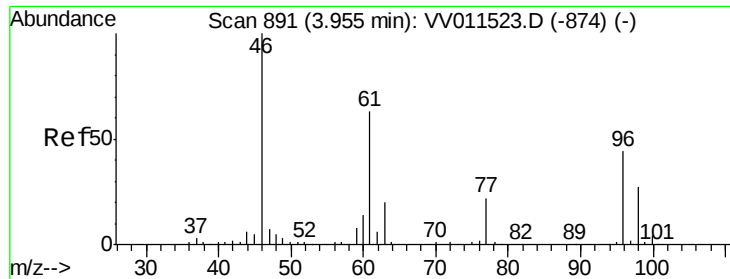
Ion Ratio Lower Upper

96 100

61 1214.4 135.9 252.5#

63 8909.0 86.2 160.2#



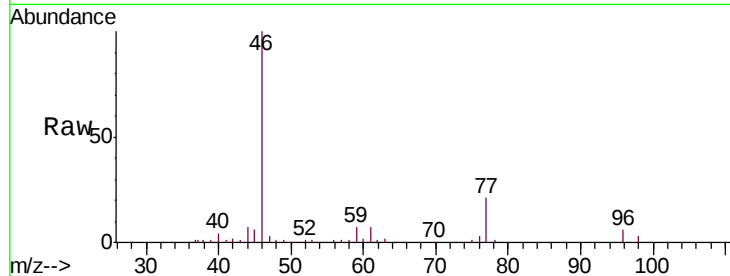


#22

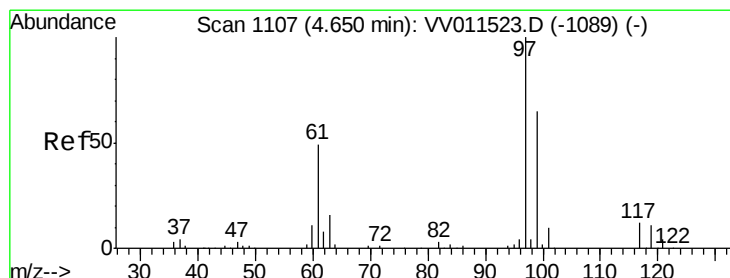
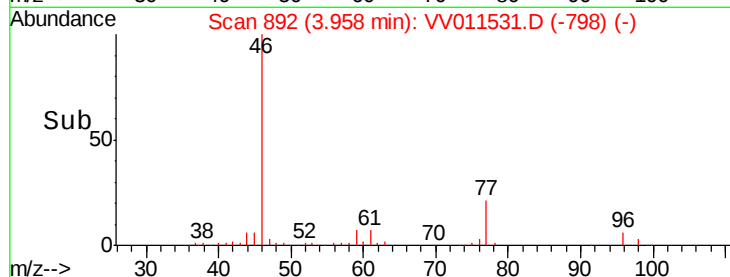
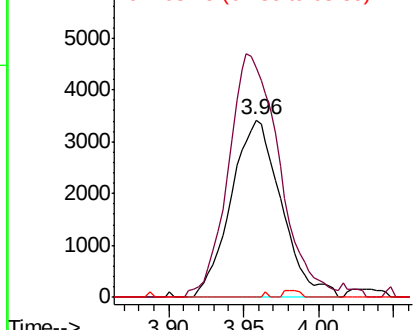
cis-1,2-Dichloroethene
Concen: 0.542 ug/L
RT: 3.96 min Scan# 892
Delta R.T. 0.00 min
Lab File: VV011531.D
Acq: 15 Jun 2019 11:19

Instrument :
MSVOA_V
ClientSampleId :
BFCL4

Tgt Ion: 96 Resp: 7984
Ion Ratio Lower Upper
96 100
61 129.7 102.2 189.8
68 0.0 0.0 0.0



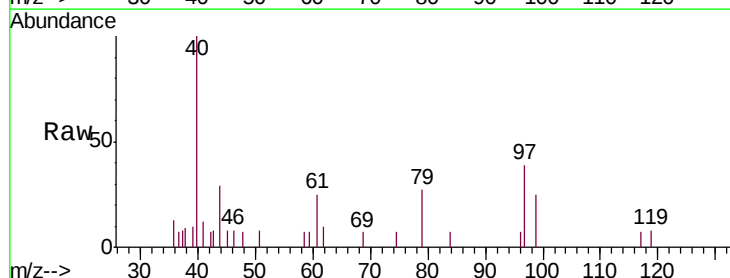
Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.05 (60.75 to 61.75): VV0
Ion 68.15 (67.85 to 68.85): VV0



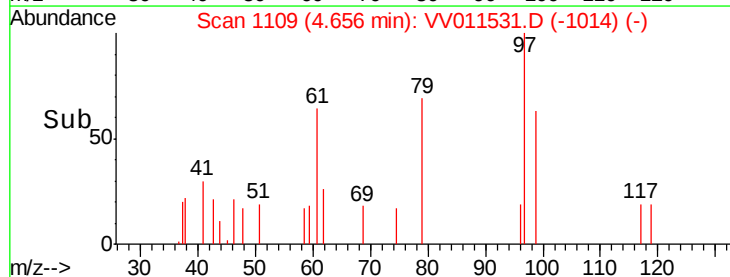
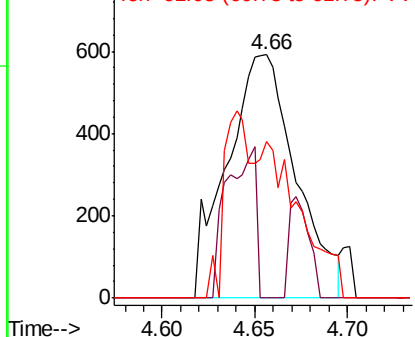
#29

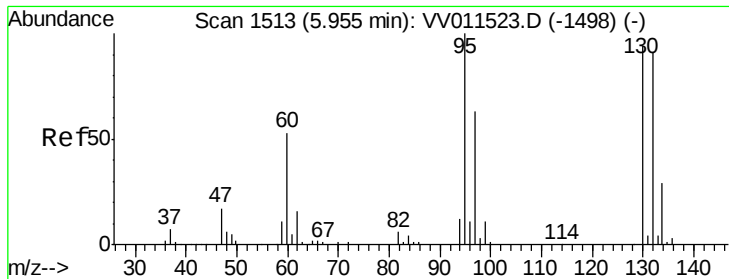
1,1,1-Trichloroethane
Concen: 0.072 ug/L
RT: 4.66 min Scan# 1109
Delta R.T. 0.01 min
Lab File: VV011531.D
Acq: 15 Jun 2019 11:19

Tgt Ion: 97 Resp: 1532
Ion Ratio Lower Upper
97 100
99 26.3 51.6 77.4#
61 38.8 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

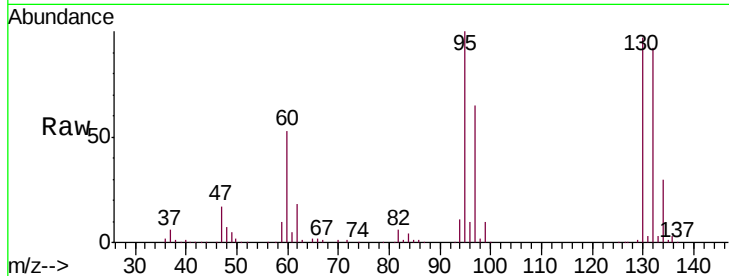




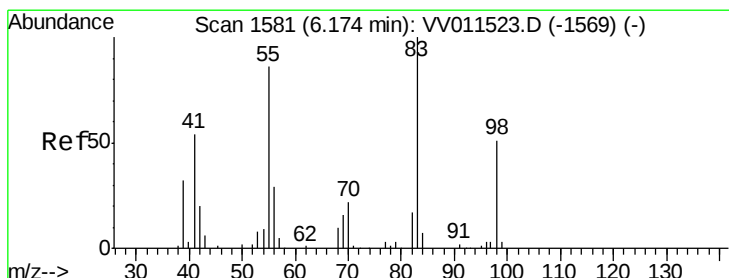
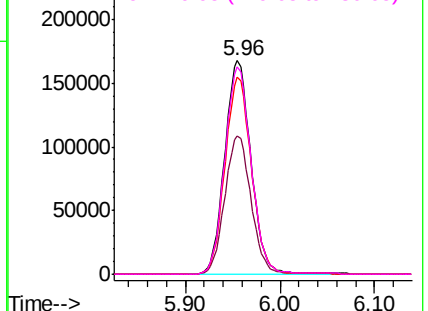
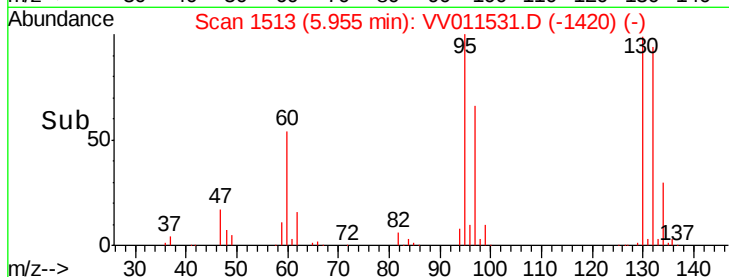
#34
 Trichloroethene
 Concen: 22.979 ug/L
 RT: 5.96 min Scan# 1513
 Delta R.T. 0.00 min
 Lab File: VV011531.D
 Acq: 15 Jun 2019 11:19

Instrument :
 MSVOA_V
 ClientSampleId :
 BFCL4

Tgt Ion: 95 Resp: 325351
 Ion Ratio Lower Upper
 95 100
 97 64.8 44.4 82.4
 132 92.1 63.5 117.9
 130 96.8 68.5 127.3

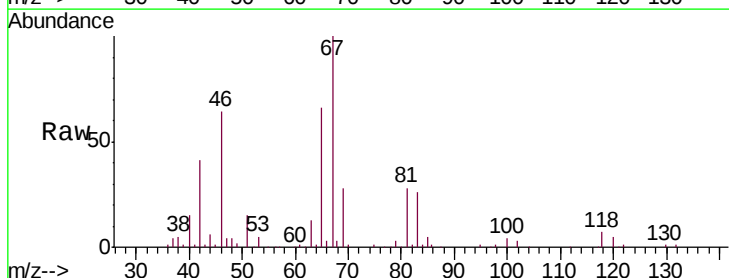


Abundance Ion 95.00 (94.70 to 95.70): VV0
 Ion 96.95 (96.65 to 97.65): VV0
 Ion 131.95 (131.65 to 132.65): VV0
 Ion 129.95 (129.65 to 130.65): VV0

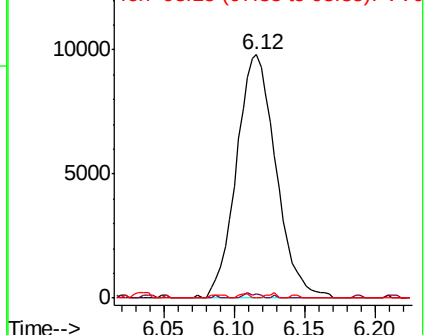
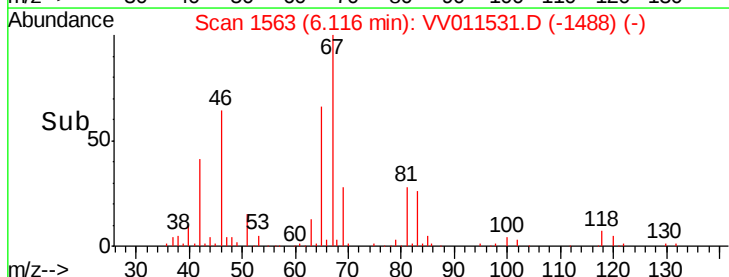


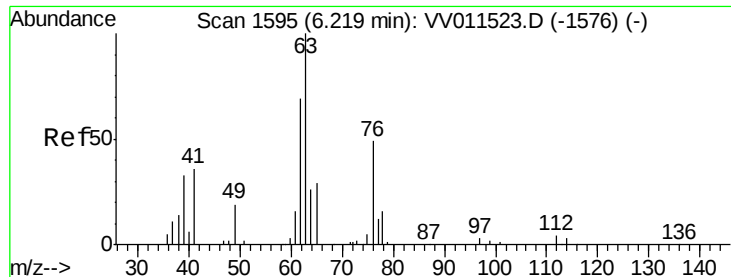
#35
 Methylcyclohexane
 Concen: 0.952 ug/L
 RT: 6.12 min Scan# 1563
 Delta R.T. -0.06 min
 Lab File: VV011531.D
 Acq: 15 Jun 2019 11:19

Tgt Ion: 83 Resp: 19226
 Ion Ratio Lower Upper
 83 100
 55 0.8 67.9 101.9#
 98 0.0 39.6 59.4#



Abundance Ion 83.15 (82.85 to 83.85): VV0
 Ion 55.10 (54.80 to 55.80): VV0
 Ion 98.15 (97.85 to 98.85): VV0





#37

1,2-Dichloropropane

Concen: 0.680 ug/L

RT: 6.11 min Scan# 1562

Delta R.T. -0.11 min

Lab File: VV011531.D

Acq: 15 Jun 2019 11:19

Instrument :

MSVOA_V

ClientSampled :

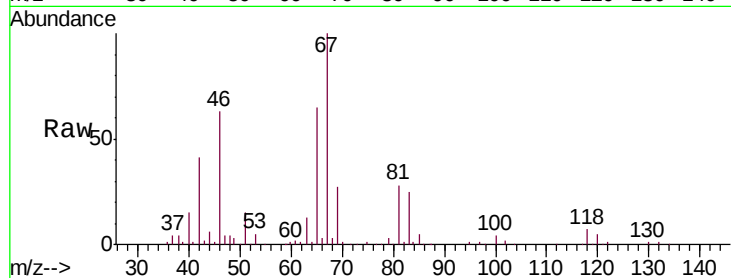
BFCL4

Tgt Ion: 63 Resp: 10054

Ion Ratio Lower Upper

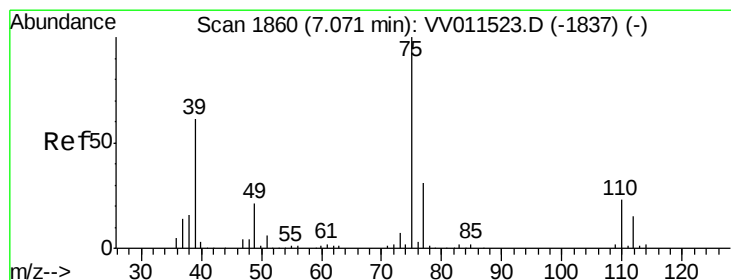
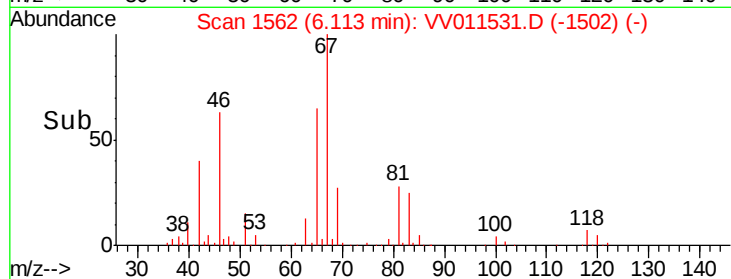
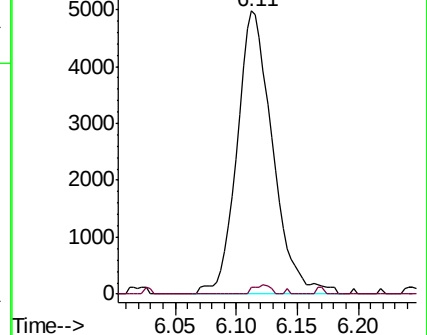
63 100

112 1.5 3.7 5.5#



Abundance Ion 63.10 (62.80 to 63.80): VV011523.D (-1576) (-)

Ion 112.10 (111.80 to 112.80): VV011523.D (-1576) (-)



#39

cis-1,3-Dichloropropene

Concen: 0.108 ug/L

RT: 7.03 min Scan# 1847

Delta R.T. -0.04 min

Lab File: VV011531.D

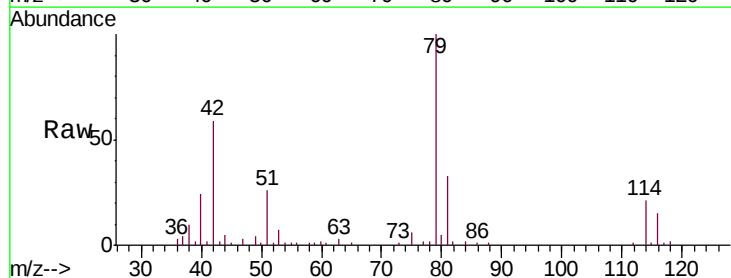
Acq: 15 Jun 2019 11:19

Tgt Ion: 75 Resp: 2007

Ion Ratio Lower Upper

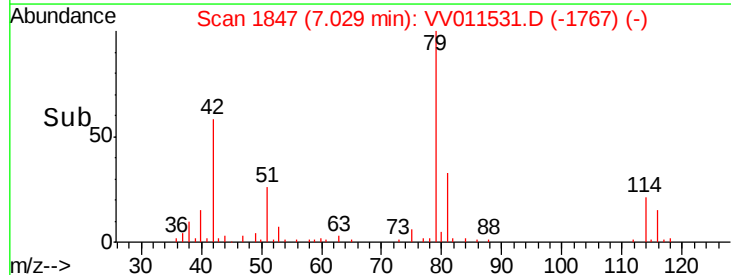
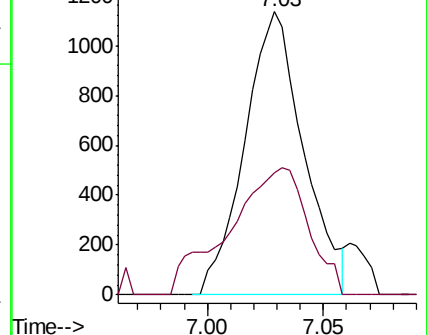
75 100

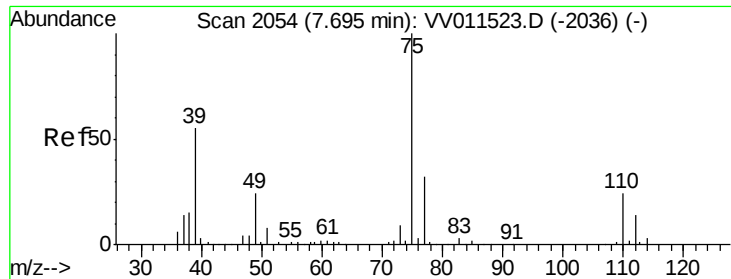
77 43.3 20.6 38.4#



Abundance Ion 75.05 (74.75 to 75.75): VV011523.D (-1837) (-)

Ion 77.05 (76.75 to 77.75): VV011523.D (-1837) (-)





#44

trans-1,3-Dichloropropene

Concen: 0.083 ug/L

RT: 7.67 min Scan# 2045

Delta R.T. -0.03 min

Lab File: VV011531.D

Acq: 15 Jun 2019 11:19

Instrument :

MSVOA_V

ClientSampleId :

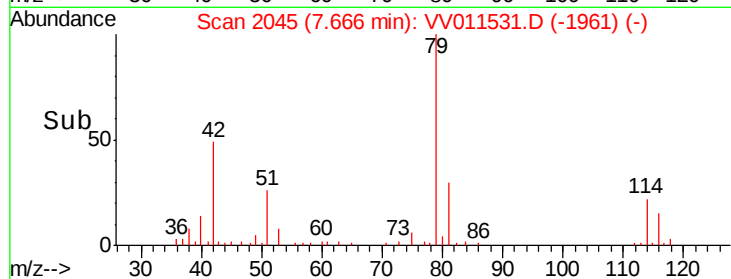
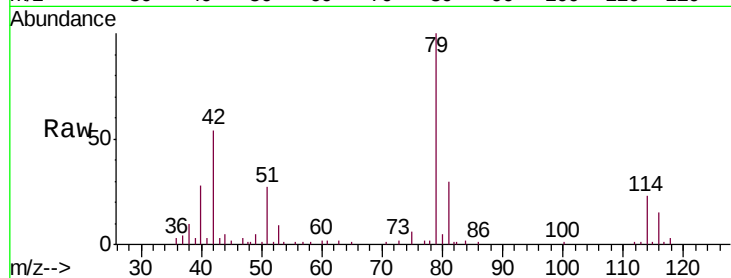
BFCL4

Tgt Ion: 75 Resp: 1175

Ion Ratio Lower Upper

75 100

77 37.4 22.8 42.4



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0

