

Data File : VV011392.D
Acq On : 11 Jun 2019 14:01
Operator : SY/MD
Sample : K3226-18RE
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFCP2

Quant Time: Jun 12 02:53:33 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jun 12 02:48:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	144232	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	135789	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	52858	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	36884	3.37	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	67.40%
7) Chloroethane-d5	1.55	69	34798	3.83	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	76.60%
11) 1,1-Dichloroethene-d2	2.12	63	58643	2.69	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	53.80%#
20) 2-Butanone-d5	3.94	46	123370	50.14	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.28%
24) Chloroform-d	4.40	84	80930	4.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.20%
26) 1,2-Dichloroethane-d4	5.08	65	47157	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.60%
32) Benzene-d6	5.09	84	154592	3.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	76.20%
36) 1,2-Dichloropropane-d6	6.12	67	50979	4.07	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	81.40%
41) Toluene-d8	7.36	98	132713	3.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	71.20%
43) trans-1,3-Dichloropropene-	7.66	79	14282	2.99	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	59.80%
46) 2-Hexanone-d5	8.13	63	92967	46.13	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.26%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	36863	4.32	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	45387	4.35	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.00%

Target Compounds

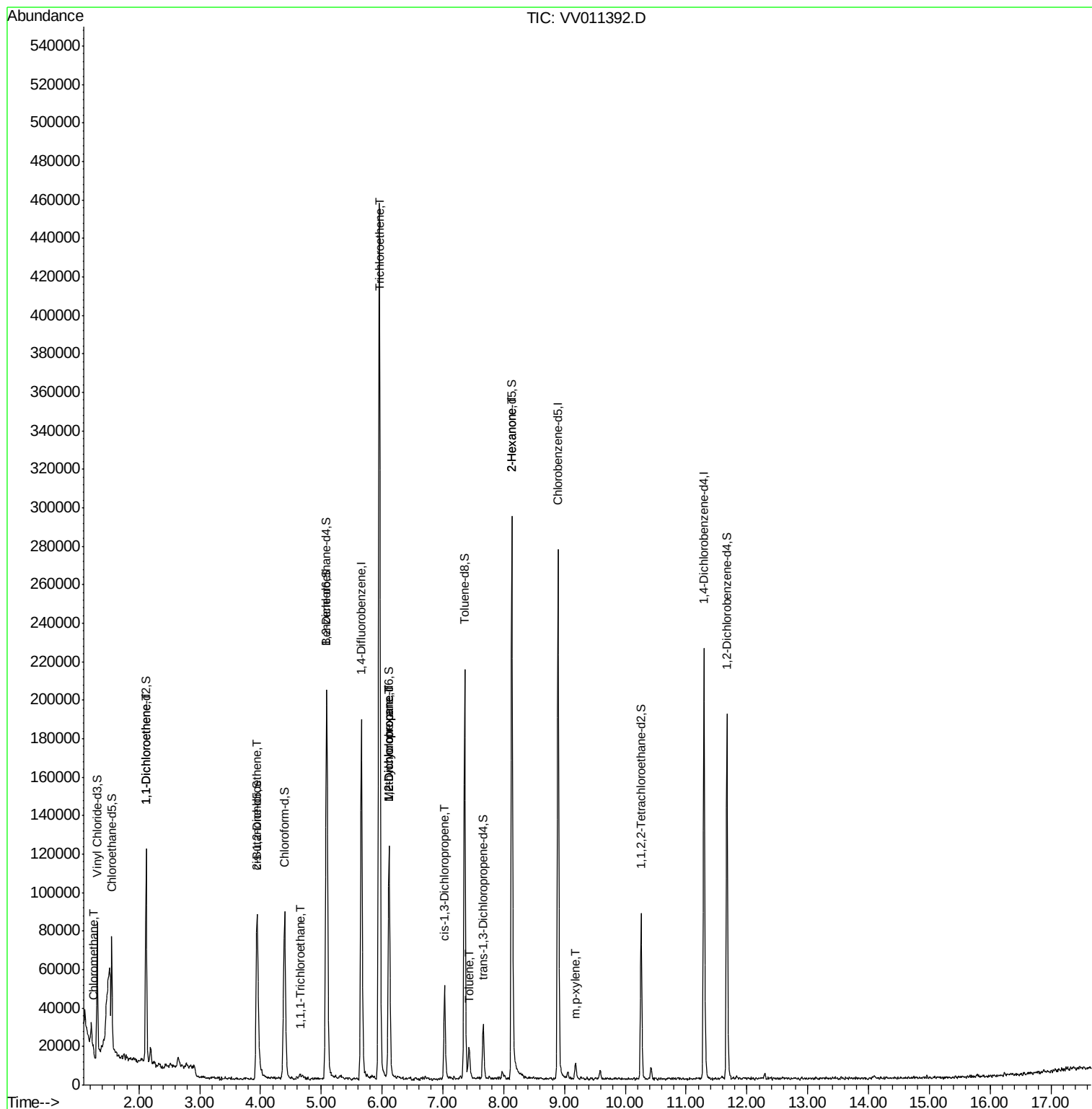
						Qvalue
3) Chloromethane	1.25	50	2395	0.174	ug/L	92
12) 1,1-Dichloroethene	2.13	96	1365	0.150	ug/L #	1
22) cis-1,2-Dichloroethene	3.95	96	3895	0.346	ug/L	87
29) 1,1,1-Trichloroethane	4.65	97	1044	0.060	ug/L #	49
34) Trichloroethene	5.96	95	152093	13.626	ug/L	98
35) Methylcyclohexane	6.12	83	12791	0.693	ug/L #	15
37) 1,2-Dichloropropane	6.11	63	6625	0.616	ug/L #	87
39) cis-1,3-Dichloropropene	7.03	75	1481	0.094	ug/L #	69
42) Toluene	7.43	91	10013	0.217	ug/L	98
48) 2-Hexanone	8.13	43	13465	2.819	ug/L #	69
53) m,p-xylene	9.18	106	2154	0.114	ug/L	98

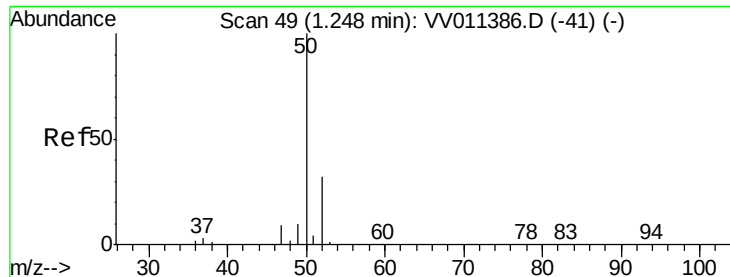
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.174 ug/L

RT: 1.25 min Scan# 49

Delta R.T. -0.00 min

Lab File: VV011392.D

Acq: 11 Jun 2019 14:01

Instrument :

MSVOA_V

ClientSampleId :

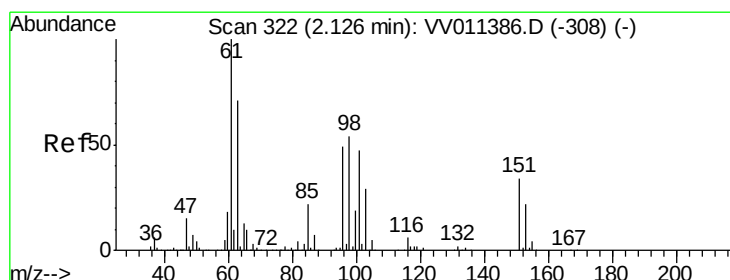
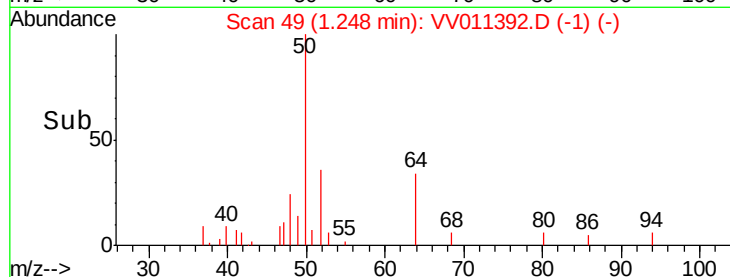
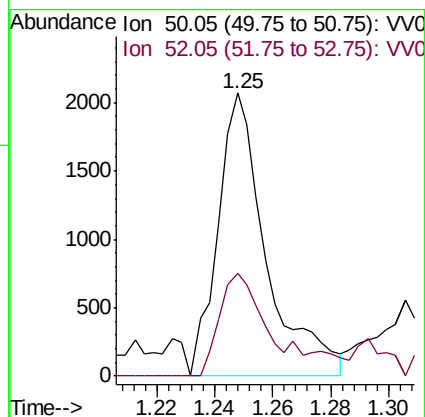
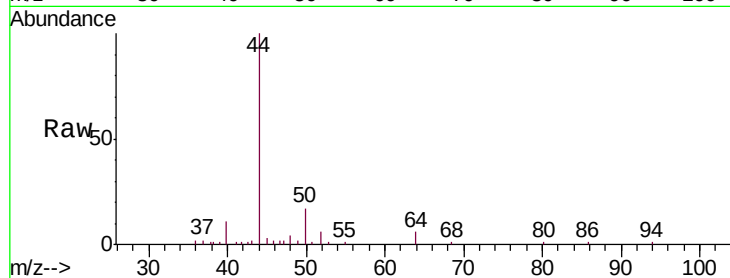
BFCP2

Tgt Ion: 50 Resp: 2395

Ion Ratio Lower Upper

50 100

52 36.3 22.3 41.5



#12

1,1-Dichloroethene

Concen: 0.150 ug/L

RT: 2.13 min Scan# 323

Delta R.T. 0.00 min

Lab File: VV011392.D

Acq: 11 Jun 2019 14:01

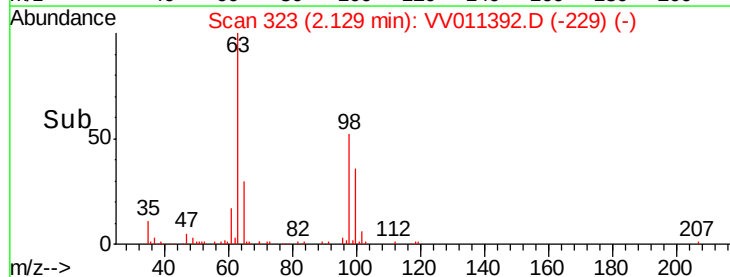
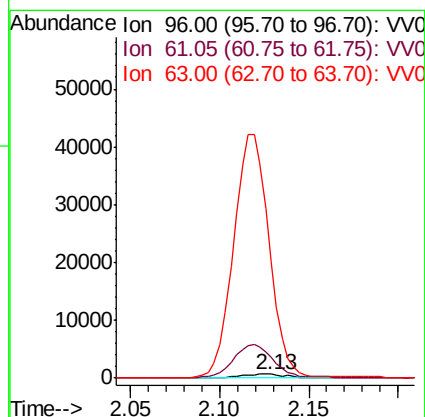
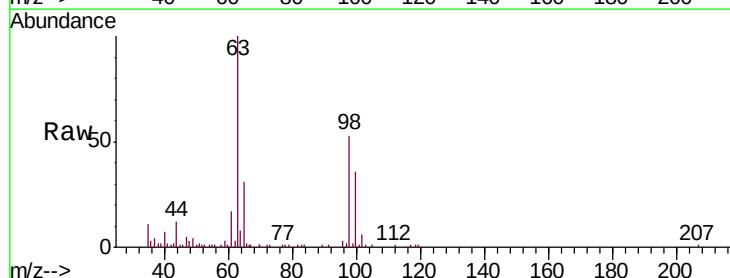
Tgt Ion: 96 Resp: 1365

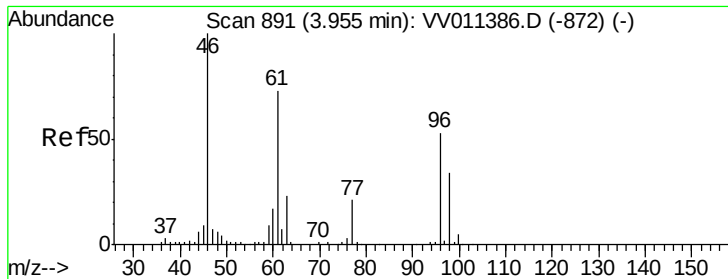
Ion Ratio Lower Upper

96 100

61 524.4 139.8 259.6#

63 3003.3 94.3 175.1#





#22

cis-1,2-Dichloroethene

Concen: 0.346 ug/L

RT: 3.95 min Scan# 890

Delta R.T. -0.00 min

Lab File: VV011392.D

Acq: 11 Jun 2019 14:01

Instrument :

MSVOA_V

ClientSampled :

BFCP2

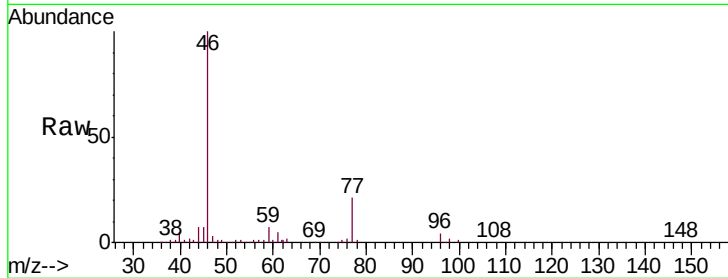
Tgt Ion: 96 Resp: 3895

Ion Ratio Lower Upper

96 100

61 127.6 100.8 187.2

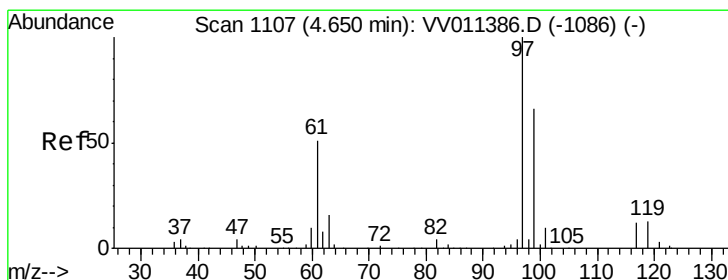
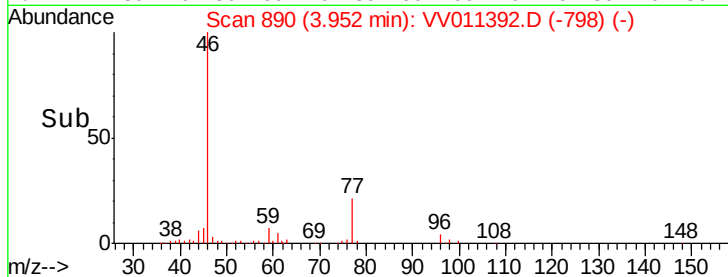
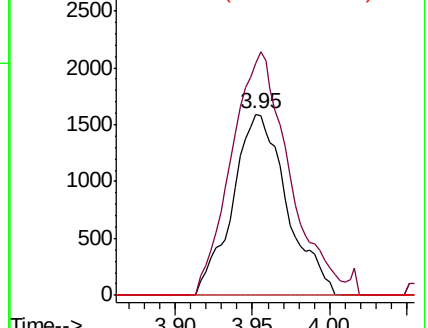
68 0.0 0.0 0.0



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: 0.060 ug/L

RT: 4.65 min Scan# 1107

Delta R.T. -0.00 min

Lab File: VV011392.D

Acq: 11 Jun 2019 14:01

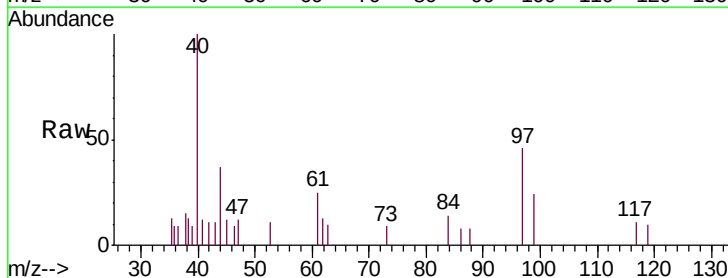
Tgt Ion: 97 Resp: 1044

Ion Ratio Lower Upper

97 100

99 0.0 50.8 76.2#

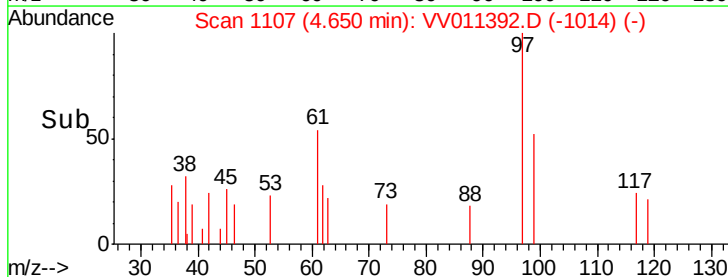
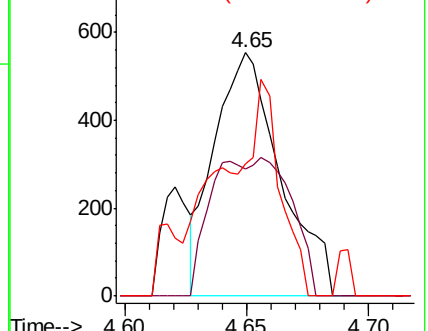
61 41.7 38.9 58.3

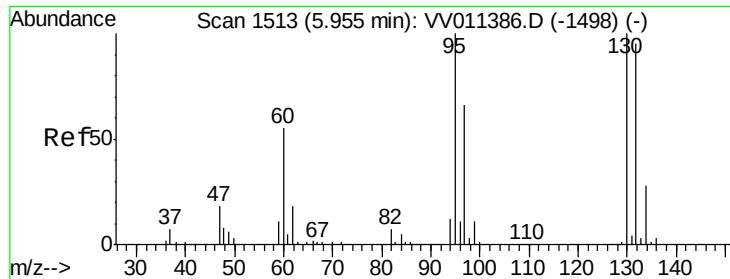


Abundance Ion 96.95 (96.65 to 97.65): VV0

Ion 99.05 (98.75 to 99.75): VV0

Ion 61.05 (60.75 to 61.75): VV0





#34

Trichloroethene

Concen: 13.626 ug/L

RT: 5.96 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VV011392.D

Acq: 11 Jun 2019 14:01

Instrument :

MSVOA_V

ClientSampleId :

BFCP2

Tgt Ion: 95 Resp: 152093

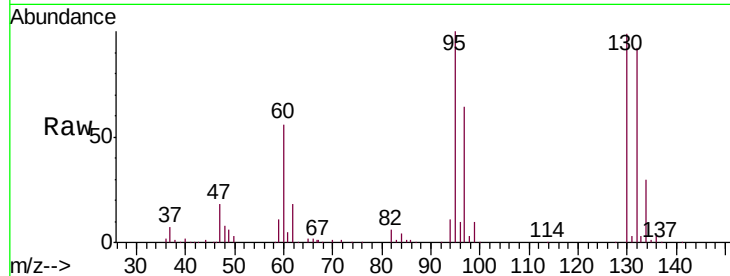
Ion Ratio Lower Upper

95 100

97 63.6 45.8 85.2

132 92.5 66.4 123.2

130 98.9 68.3 126.8



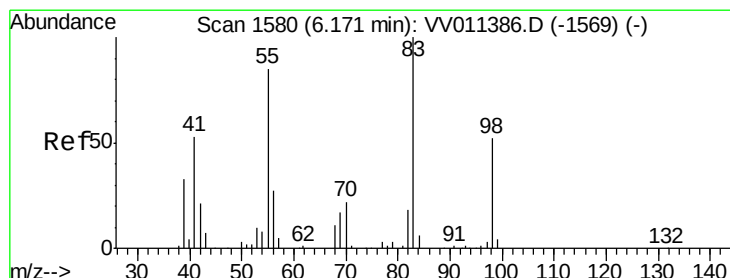
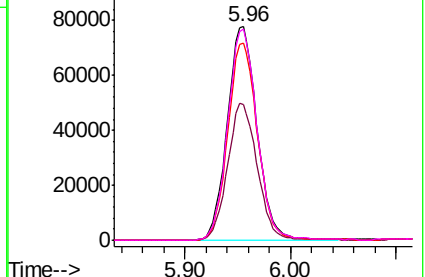
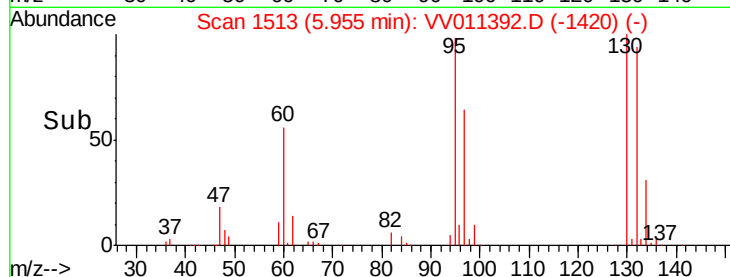
Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V

Time-->



#35

Methylcyclohexane

Concen: 0.693 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.05 min

Lab File: VV011392.D

Acq: 11 Jun 2019 14:01

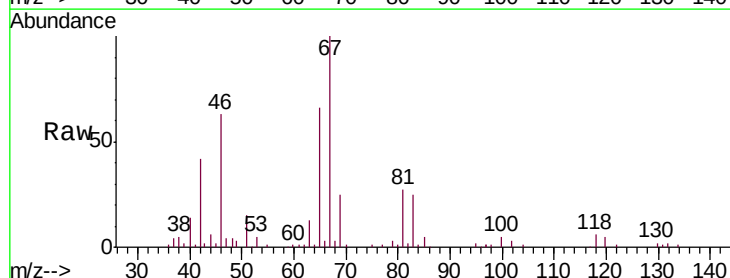
Tgt Ion: 83 Resp: 12791

Ion Ratio Lower Upper

83 100

55 0.8 67.0 100.6#

98 0.0 40.0 60.0#

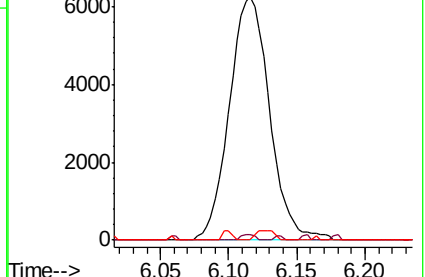
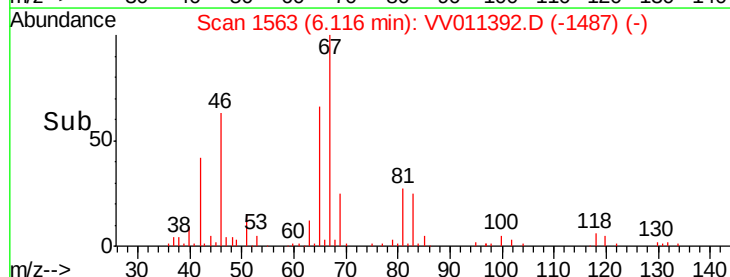


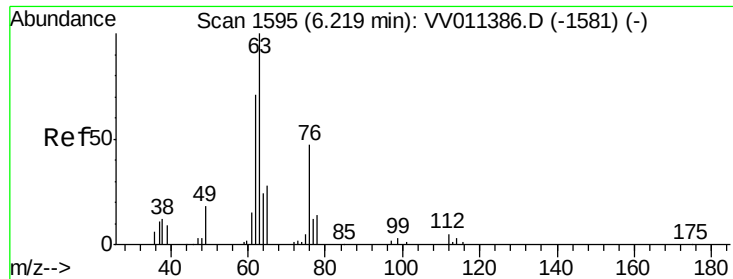
Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0

Time-->

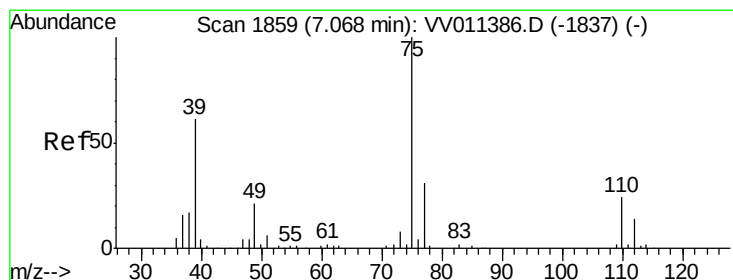
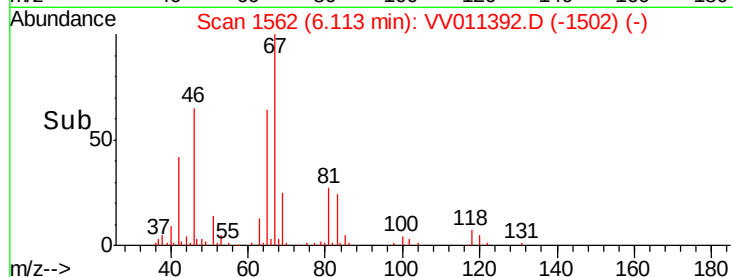
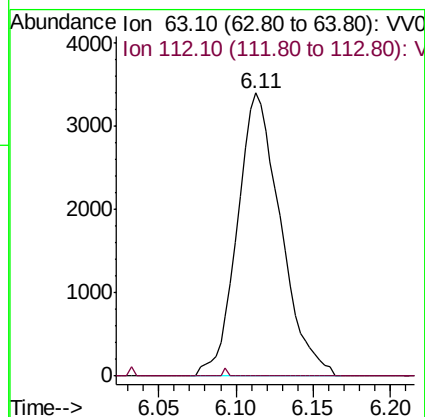
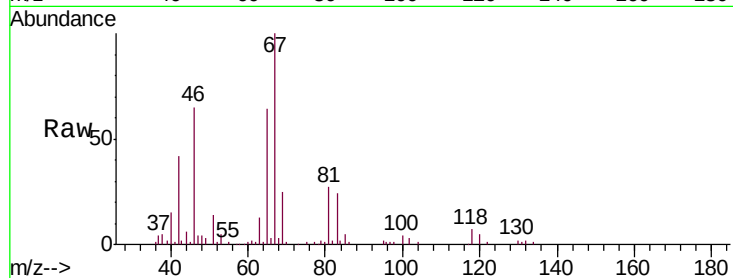




#37
 1,2-Dichloropropane
 Concen: 0.616 ug/L
 RT: 6.11 min Scan# 1562
 Delta R.T. -0.11 min
 Lab File: VV011392.D
 Acq: 11 Jun 2019 14:01

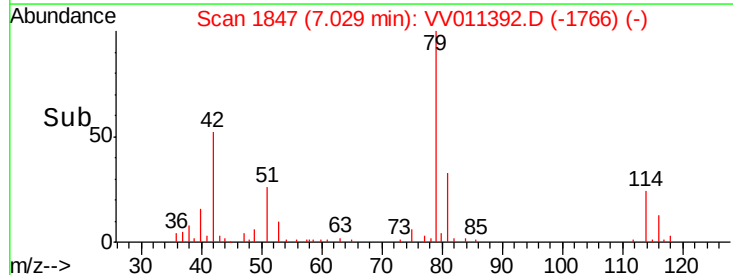
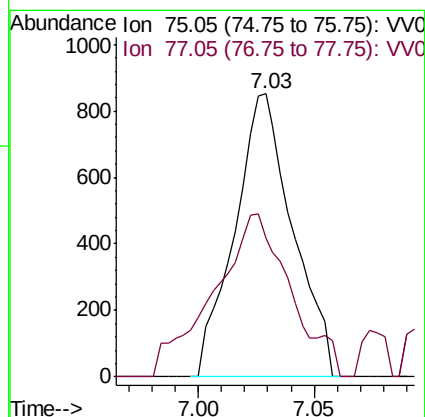
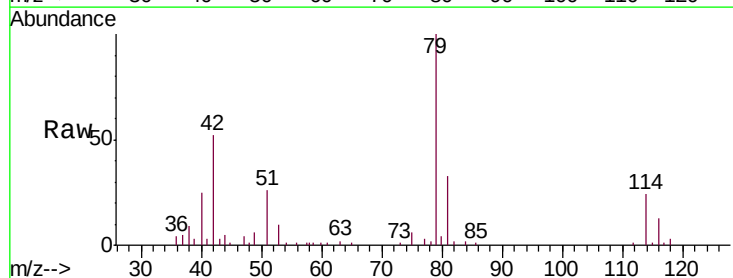
Instrument :
 MSVOA_V
 ClientSampleId :
 BFCP2

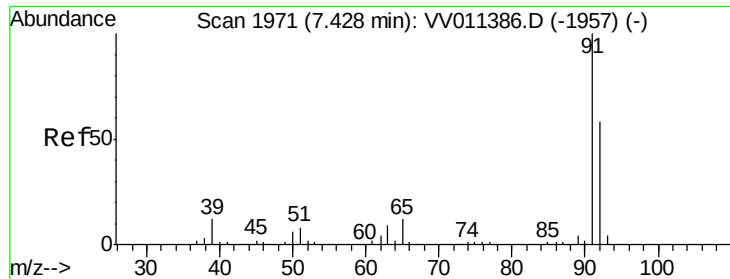
Tgt Ion: 63 Resp: 6625
 Ion Ratio Lower Upper
 63 100
 112 0.3 3.6 5.4#



#39
 cis-1,3-Dichloropropene
 Concen: 0.094 ug/L
 RT: 7.03 min Scan# 1847
 Delta R.T. -0.04 min
 Lab File: VV011392.D
 Acq: 11 Jun 2019 14:01

Tgt Ion: 75 Resp: 1481
 Ion Ratio Lower Upper
 75 100
 77 48.9 22.2 41.2#





#42

Toluene

Concen: 0.217 ug/L

RT: 7.43 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VV011392.D

Acq: 11 Jun 2019 14:01

Instrument :

MSVOA_V

ClientSampleId :

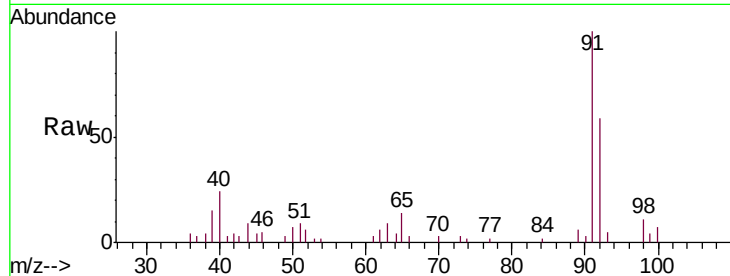
BFCP2

Tgt Ion: 91 Resp: 10013

Ion Ratio Lower Upper

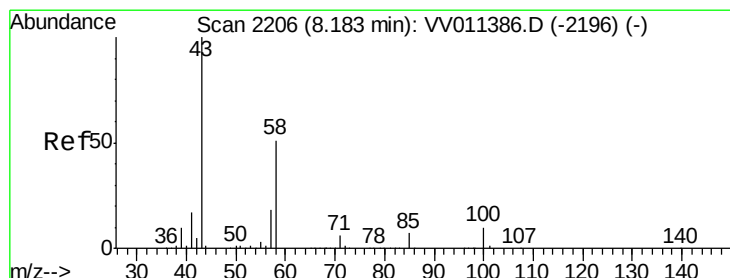
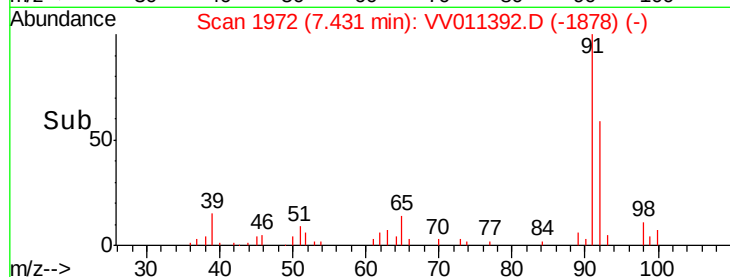
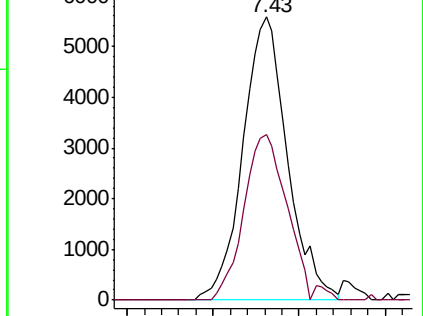
91 100

92 58.7 39.9 74.1



Abundance Ion 91.15 (90.85 to 91.85): VV0

Ion 92.15 (91.85 to 92.85): VV0



#48

2-Hexanone

Concen: 2.819 ug/L

RT: 8.13 min Scan# 2191

Delta R.T. -0.05 min

Lab File: VV011392.D

Acq: 11 Jun 2019 14:01

Tgt Ion: 43 Resp: 13465

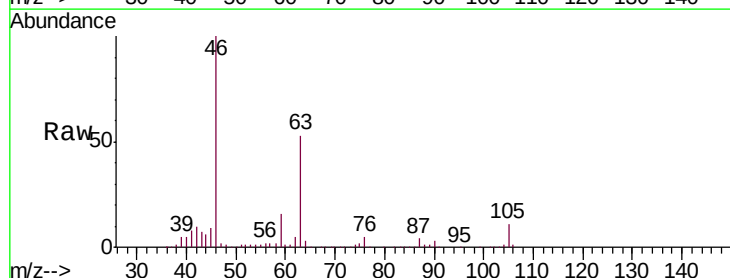
Ion Ratio Lower Upper

43 100

58 25.2 41.4 62.0#

57 25.2 15.0 22.4#

100 0.2 9.0 13.4#

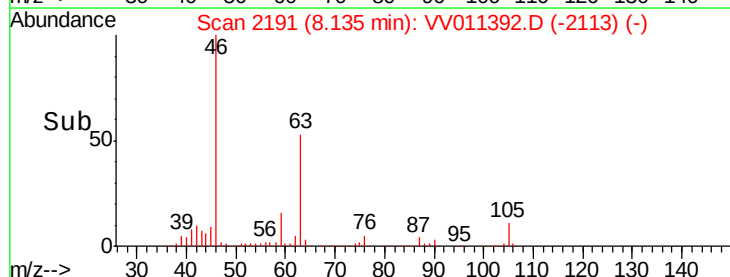
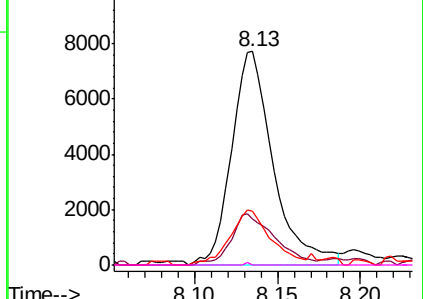


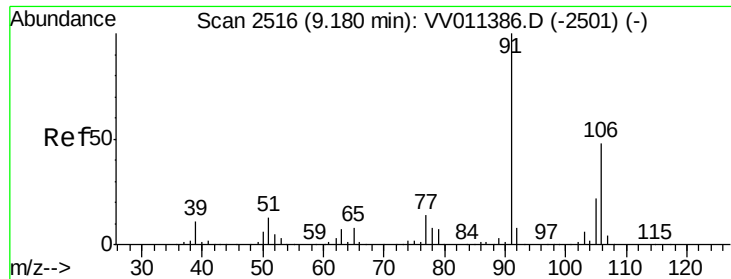
Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

Ion 57.20 (56.90 to 57.90): VV0

Ion 100.15 (99.85 to 100.85): VV0





#53

m,p-xylene

Concen: 0.114 ug/L

RT: 9.18 min Scan# 2516

Delta R.T. -0.00 min

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Acq: 11 Jun 2019 14:01

Instrument :
MSVOA_V
ClientSampleId :
BFCP2

Tgt Ion:106 Resp: 2154

Ion Ratio Lower Upper

106 100

91 205.2 145.5 270.3

