

Data File : VV011385.D
Acq On : 11 Jun 2019 09:46
Operator : SY/MD
Sample : K3226-18
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFCP2

Quant Time: Jun 12 02:29:19 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jun 12 02:23:01 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	134016	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	124397	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	48541	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	34196	3.37	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	67.40%
7) Chloroethane-d5	1.56	69	33891	4.01	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.20%
11) 1,1-Dichloroethene-d2	2.12	63	60757	2.99	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	59.80%#
20) 2-Butanone-d5	3.95	46	131475	57.51	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.02%
24) Chloroform-d	4.40	84	80724	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.40%
26) 1,2-Dichloroethane-d4	5.08	65	49672	5.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.80%
32) Benzene-d6	5.09	84	156290	4.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.00%
36) 1,2-Dichloropropane-d6	6.12	67	51770	4.52	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.40%
41) Toluene-d8	7.36	98	131461	3.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.00%
43) trans-1,3-Dichloropropene-	7.67	79	13121	3.00	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	60.00%
46) 2-Hexanone-d5	8.14	63	97377	52.75	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.50%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	37490	4.80	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.00%
64) 1,2-Dichlorobenzene-d4	11.67	152	45186	4.72	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.40%

Target Compounds

					Qvalue
3) Chloromethane	1.25	50	2148	0.168 ug/L	99
6) Bromomethane	1.52	94	1145	0.178 ug/L	88
8) Chloroethane	1.32	64	2421	0.307 ug/L	97
12) 1,1-Dichloroethene	2.12	96	1298	0.154 ug/L #	1
13) Acetone	2.20	43	2883	1.881 ug/L	61
18) trans-1,2-Dichloroethene	2.78	96	1281	0.136 ug/L	73
22) cis-1,2-Dichloroethene	3.96	96	6771	0.647 ug/L	92
29) 1,1,1-Trichloroethane	4.64	97	1231	0.078 ug/L	91
34) Trichloroethene	5.96	95	152930	14.955 ug/L	99
35) Methylcyclohexane	6.11	83	12837	0.759 ug/L #	15
37) 1,2-Dichloropropane	6.11	63	6478	0.658 ug/L #	86
39) cis-1,3-Dichloropropene	7.03	75	1309	0.091 ug/L #	80
42) Toluene	7.43	91	8641	0.205 ug/L	98
48) 2-Hexanone	8.14	43	14005	3.201 ug/L #	75
53) m,p-xylene	9.18	106	2237	0.129 ug/L	80

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV061019\
Quantitation Report (Not Reviewed)

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QLast Update : Wed Jun 12 02:23:01 2019
Response via : Initial Calibration

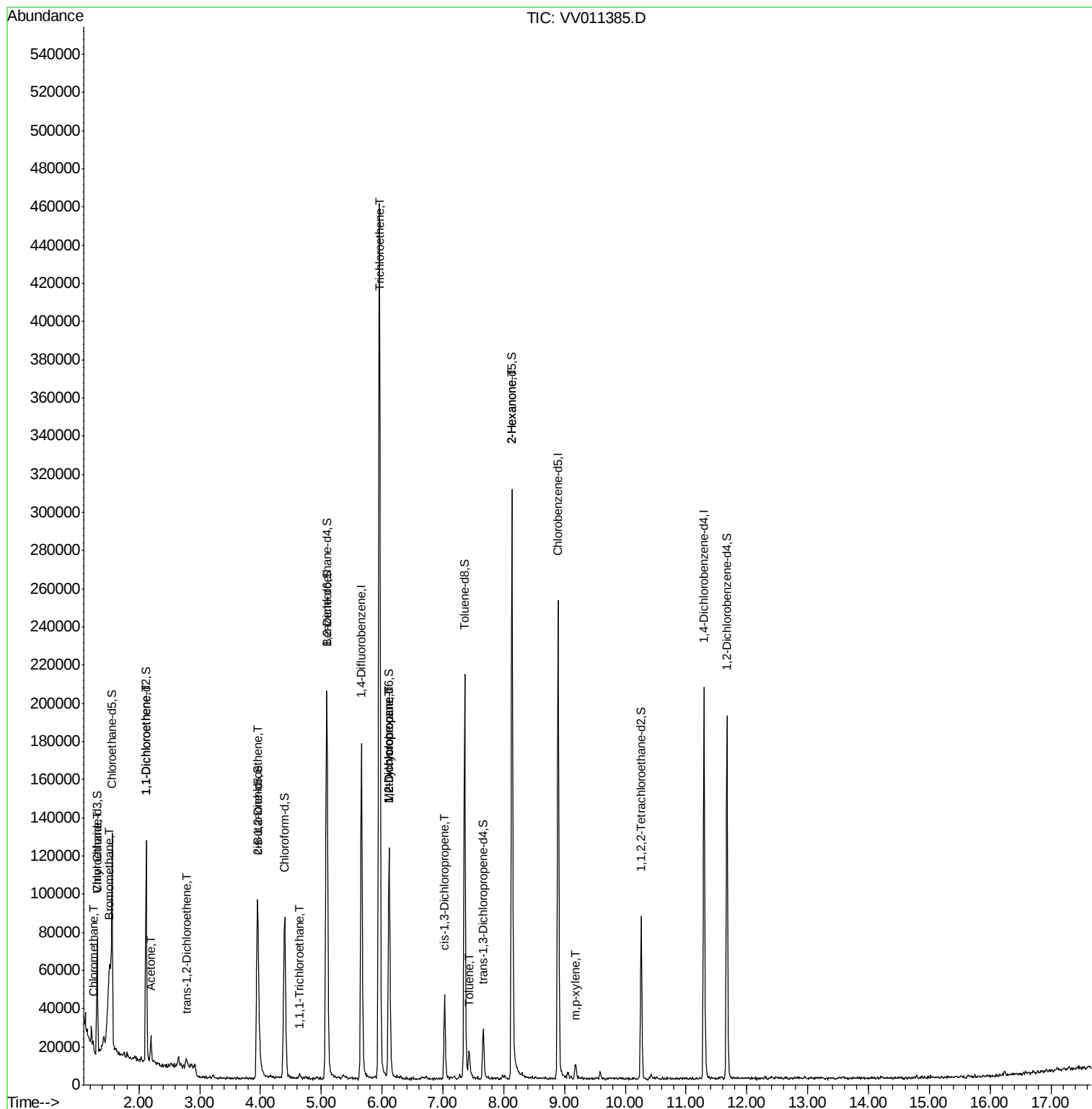
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

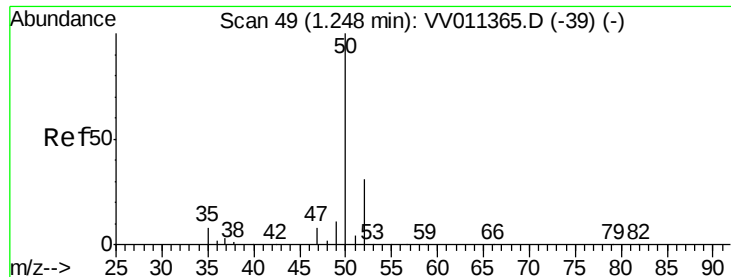
(#)=qualifier out of range (m)=manual integration (+)=signals summed						

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QLast Update : Wed Jun 12 02:23:01 2019
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#3

Chloromethane

Concen: 0.168 ug/L

RT: 1.25 min Scan# 49

Delta R.T. 0.00 min

Lab File: VV011385.D

Acq: 11 Jun 2019 09:46

Instrument :

MSVOA_V

ClientSampleId :

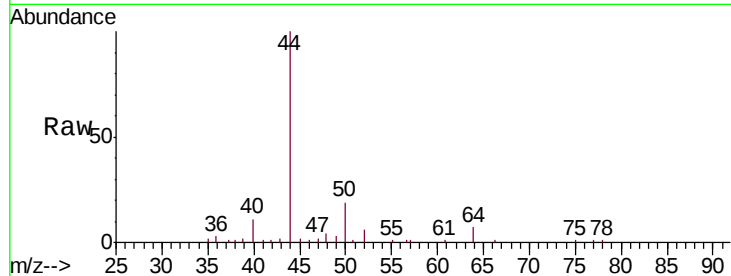
BFCP2

Tgt Ion: 50 Resp: 2148

Ion Ratio Lower Upper

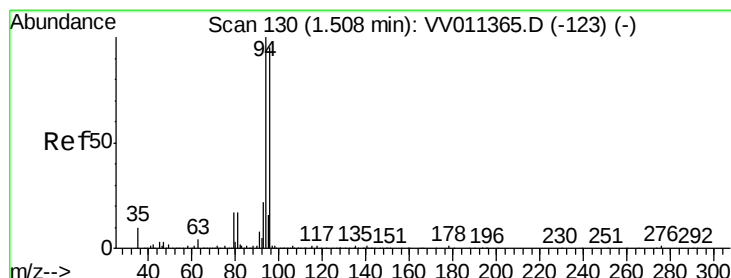
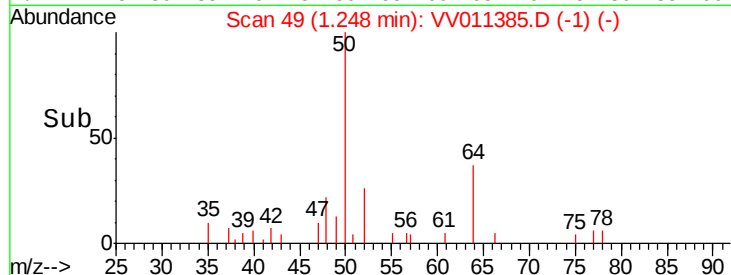
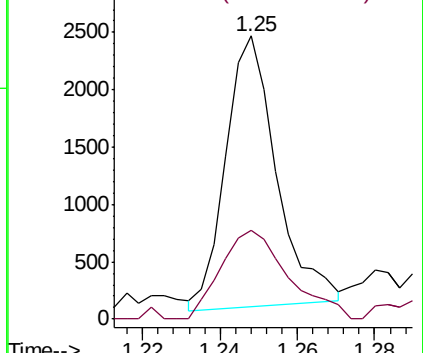
50 100

52 31.4 22.3 41.5



Abundance Ion 50.05 (49.75 to 50.75): VV0

Ion 52.05 (51.75 to 52.75): VV0



#6

Bromomethane

Concen: 0.178 ug/L

RT: 1.52 min Scan# 134

Delta R.T. 0.01 min

Lab File: VV011385.D

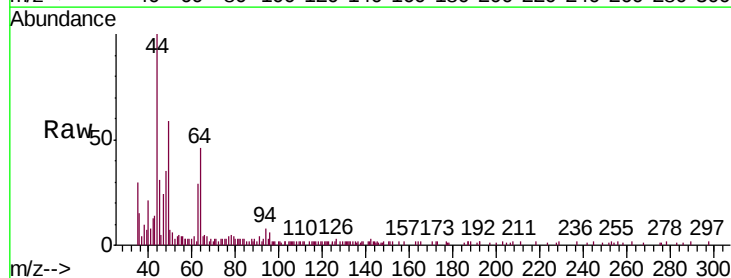
Acq: 11 Jun 2019 09:46

Tgt Ion: 94 Resp: 1145

Ion Ratio Lower Upper

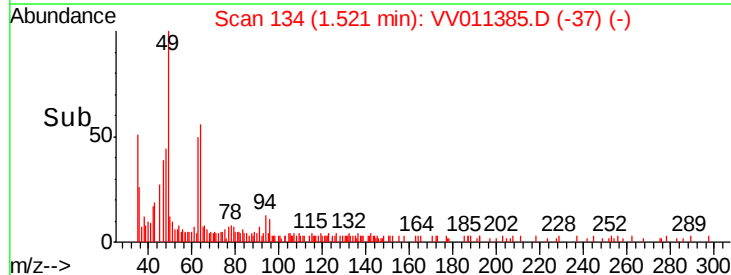
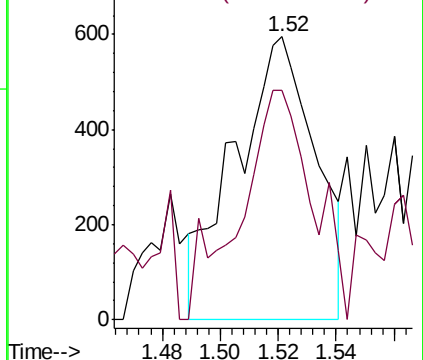
94 100

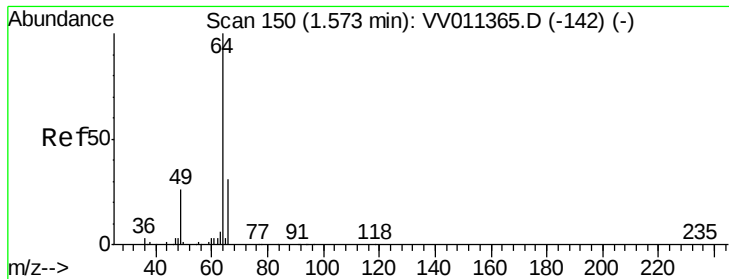
96 107.2 67.0 124.4



Abundance Ion 94.00 (93.70 to 94.70): VV0

Ion 96.00 (95.70 to 96.70): VV0





#8

Chloroethane

Concen: 0.307 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.25 min

Lab File: VV011385.D

Acq: 11 Jun 2019 09:46

Instrument :

MSVOA_V

ClientSampleId :

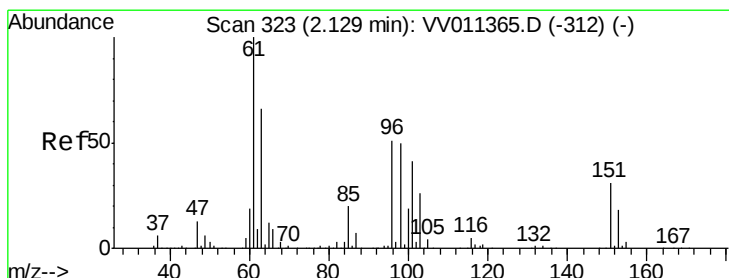
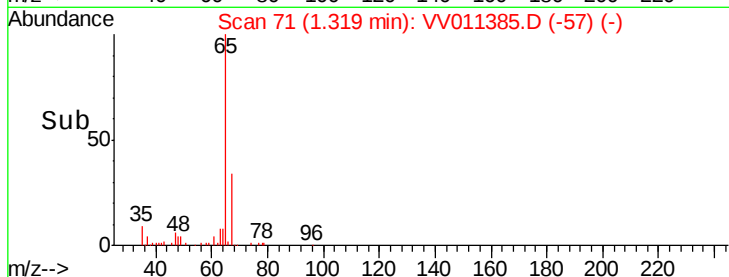
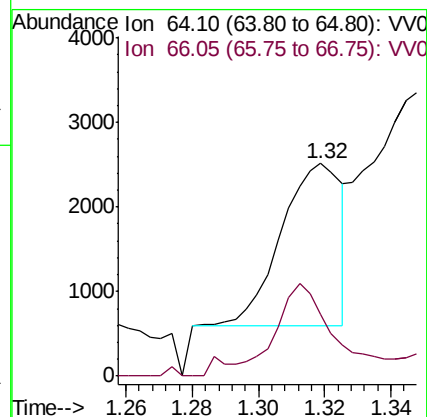
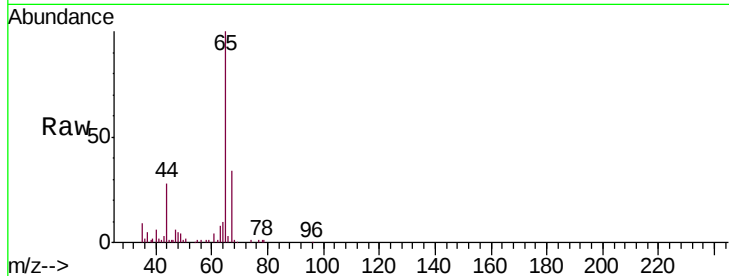
BFCP2

Tgt Ion: 64 Resp: 2421

Ion Ratio Lower Upper

64 100

66 29.3 19.4 36.0



#12

1,1-Dichloroethene

Concen: 0.154 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV011385.D

Acq: 11 Jun 2019 09:46

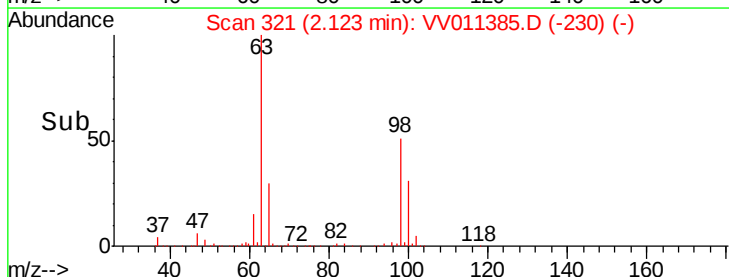
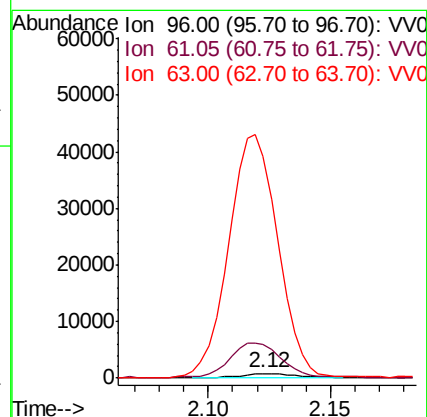
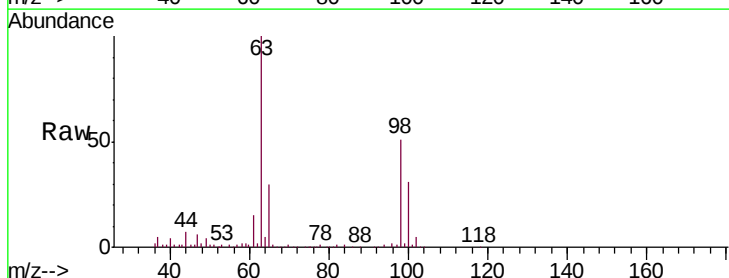
Tgt Ion: 96 Resp: 1298

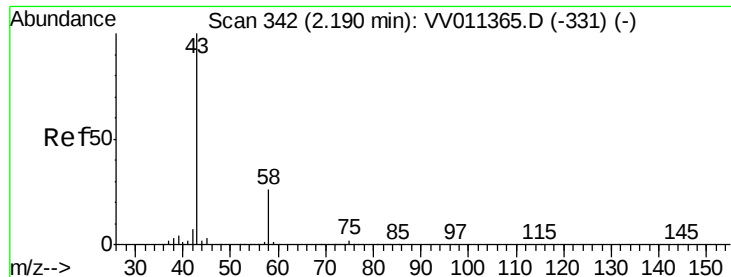
Ion Ratio Lower Upper

96 100

61 755.1 139.8 259.6#

63 5033.4 94.3 175.1#





#13

Acetone

Concen: 1.881 ug/L

RT: 2.20 min Scan# 345

Delta R.T. 0.01 min

Lab File: VV011385.D

Acq: 11 Jun 2019 09:46

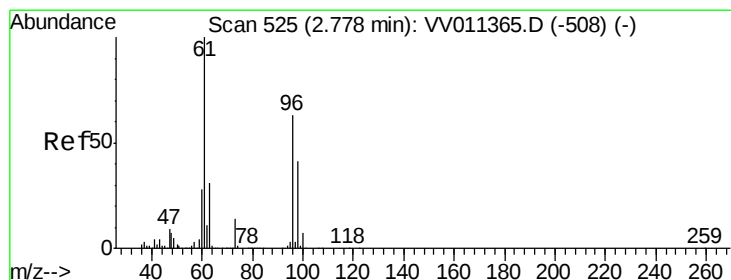
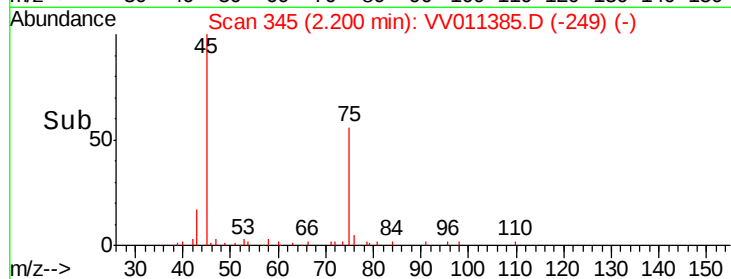
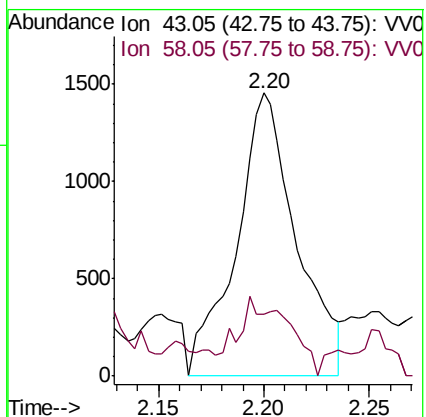
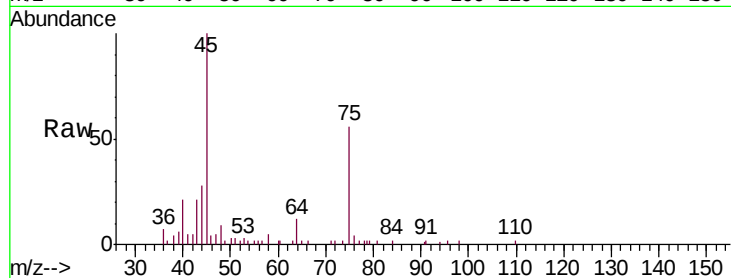
Instrument :
MSVOA_V
ClientSampled :
BFCP2

Tgt Ion: 43 Resp: 2883

Ion Ratio Lower Upper

43 100

58 7.0 0.0 55.2



#18

trans-1,2-Dichloroethene

Concen: 0.136 ug/L

RT: 2.78 min Scan# 526

Delta R.T. 0.00 min

Lab File: VV011385.D

Acq: 11 Jun 2019 09:46

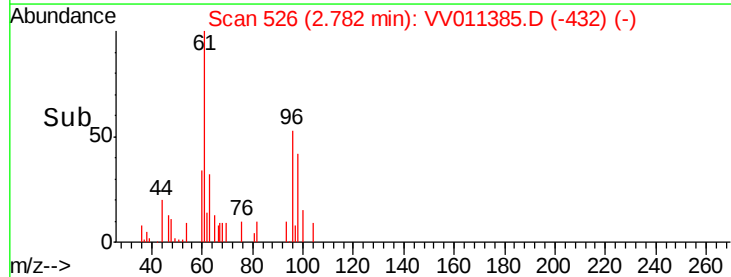
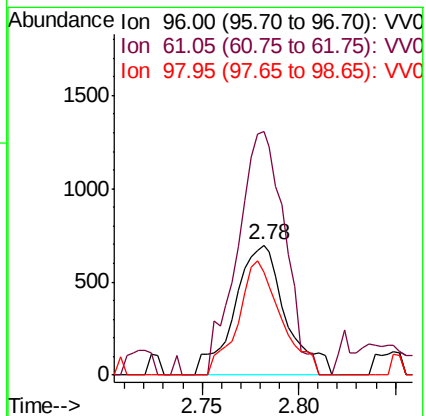
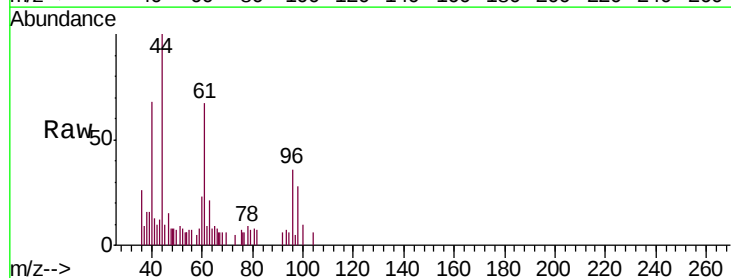
Tgt Ion: 96 Resp: 1281

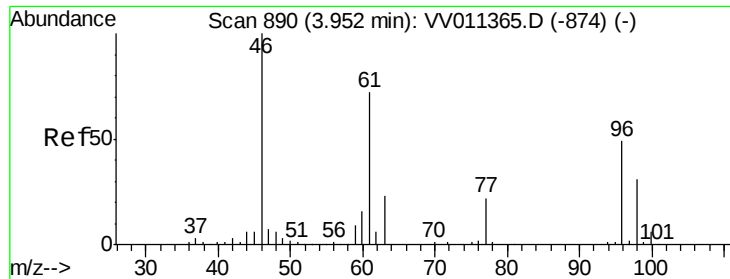
Ion Ratio Lower Upper

96 100

61 187.6 104.0 193.2

98 79.2 45.7 84.9



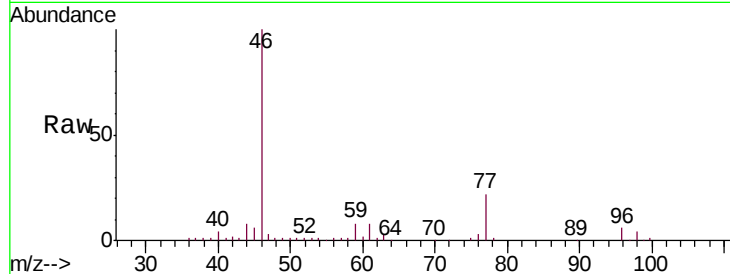


#22

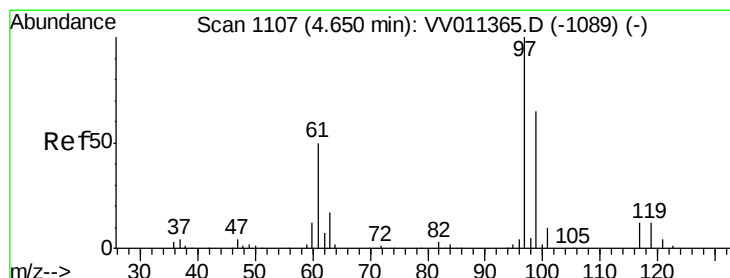
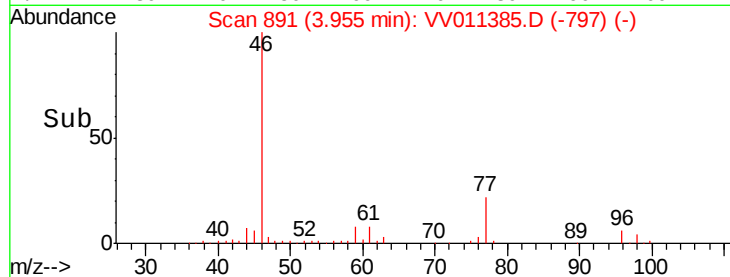
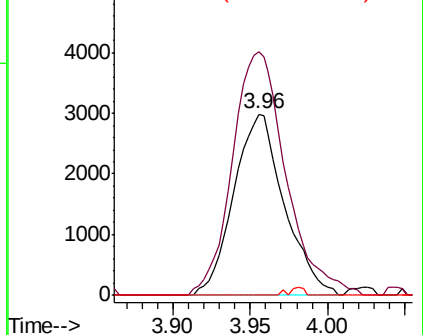
cis-1,2-Dichloroethene
 Concen: 0.647 ug/L
 RT: 3.96 min Scan# 891
 Delta R.T. 0.00 min
 Lab File: VV011385.D
 Acq: 11 Jun 2019 09:46

Instrument :
 MSVOA_V
 ClientSampleId :
 BFCP2

Tgt Ion: 96 Resp: 6771
 Ion Ratio Lower Upper
 96 100
 61 134.5 100.8 187.2
 68 0.0 0.0 0.0



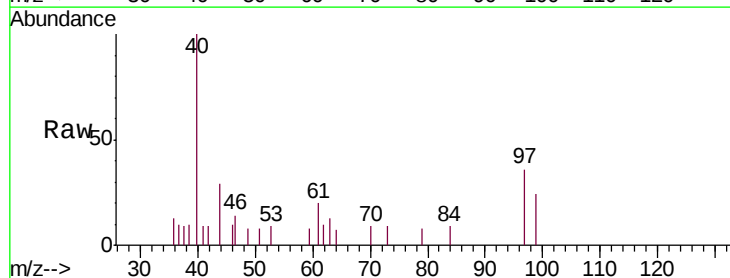
Abundance Ion 96.00 (95.70 to 96.70): VV0
 Ion 61.05 (60.75 to 61.75): VV0
 Ion 68.15 (67.85 to 68.85): VV0



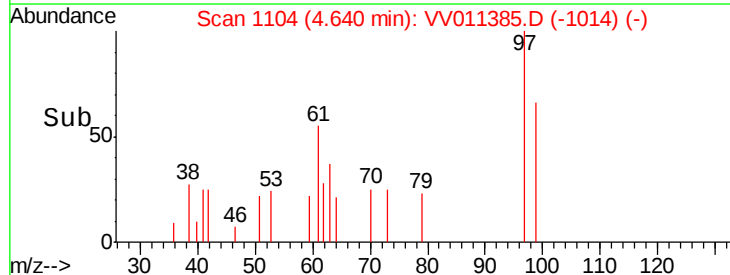
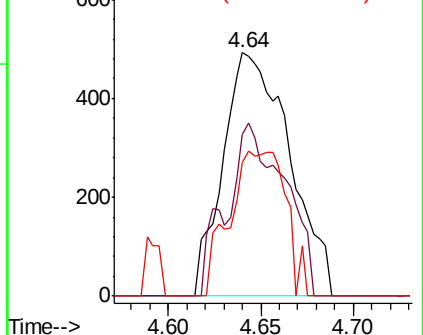
#29

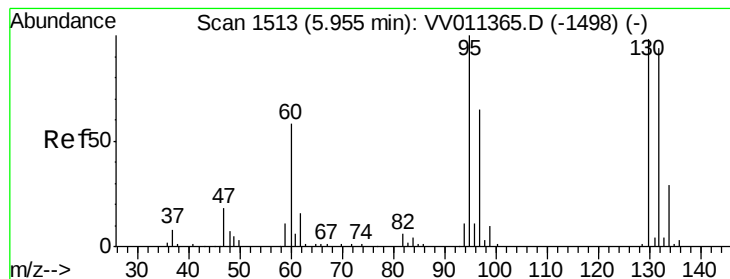
1,1,1-Trichloroethane
 Concen: 0.078 ug/L
 RT: 4.64 min Scan# 1104
 Delta R.T. -0.01 min
 Lab File: VV011385.D
 Acq: 11 Jun 2019 09:46

Tgt Ion: 97 Resp: 1231
 Ion Ratio Lower Upper
 97 100
 99 52.8 50.8 76.2
 61 50.4 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: 14.955 ug/L

RT: 5.96 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VV011385.D

Acq: 11 Jun 2019 09:46

Instrument :

MSVOA_V

ClientSampleId :

BFCP2

Tgt Ion: 95 Resp: 152930

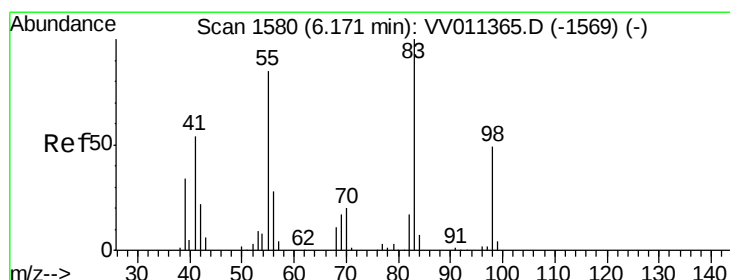
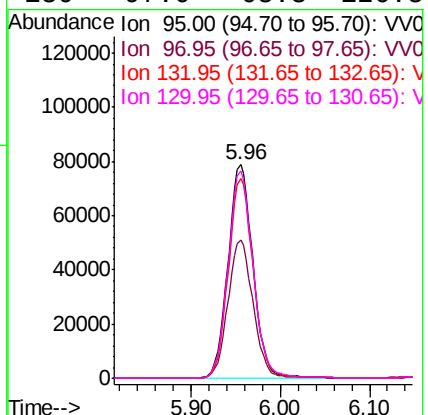
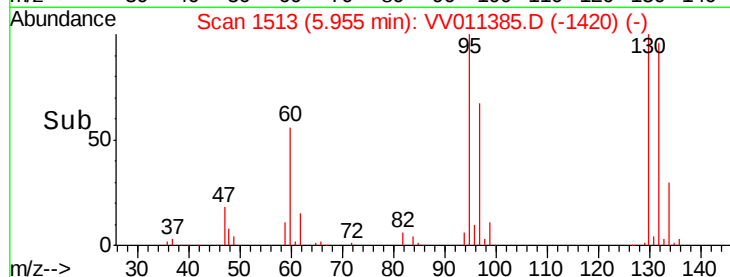
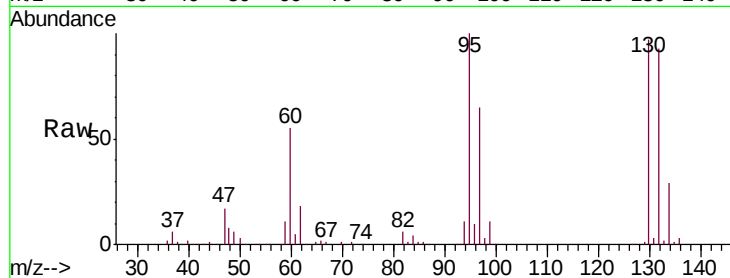
Ion Ratio Lower Upper

95 100

97 64.8 45.8 85.2

132 93.3 66.4 123.2

130 97.0 68.3 126.8



#35

Methylcyclohexane

Concen: 0.759 ug/L

RT: 6.11 min Scan# 1562

Delta R.T. -0.06 min

Lab File: VV011385.D

Acq: 11 Jun 2019 09:46

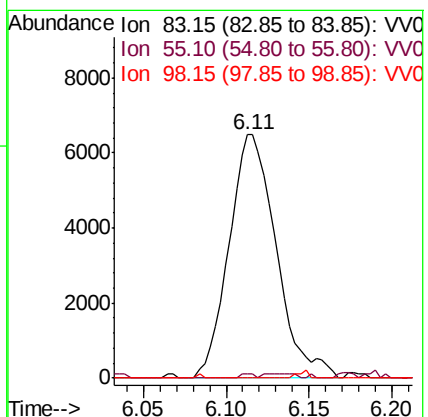
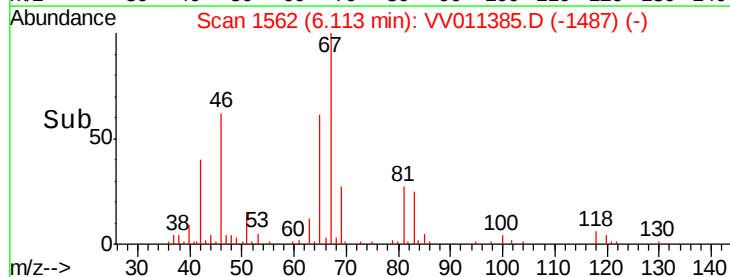
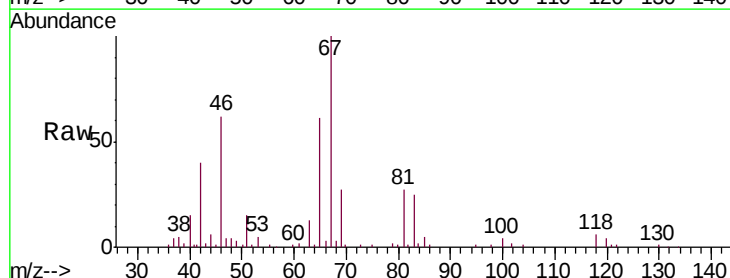
Tgt Ion: 83 Resp: 12837

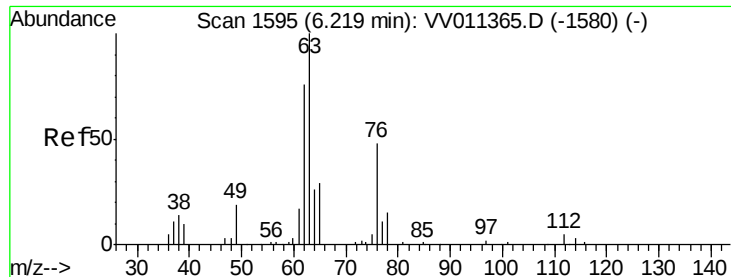
Ion Ratio Lower Upper

83 100

55 0.5 67.0 100.6#

98 0.0 40.0 60.0#

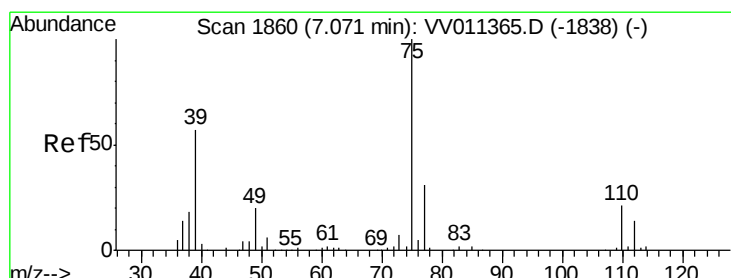
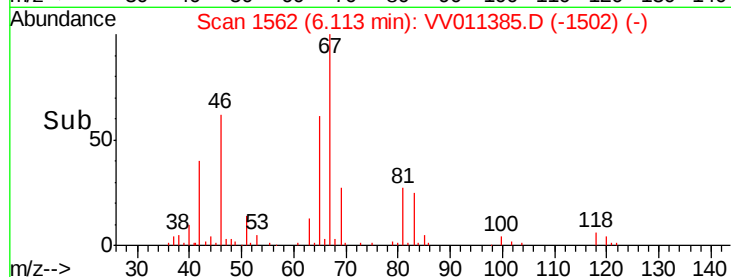
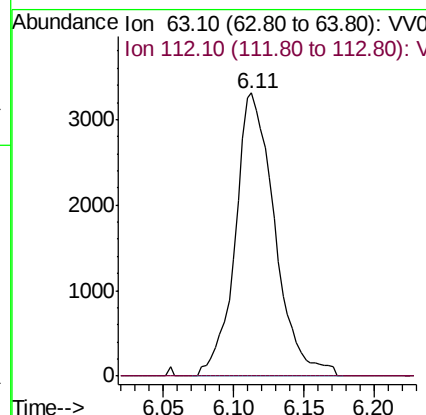
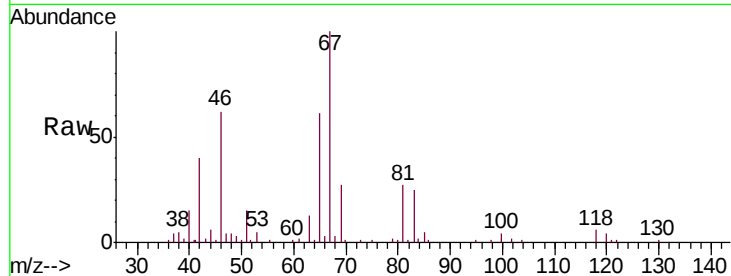




#37
 1,2-Dichloropropane
 Concen: 0.658 ug/L
 RT: 6.11 min Scan# 1562
 Delta R.T. -0.11 min
 Lab File: VV011385.D
 Acq: 11 Jun 2019 09:46

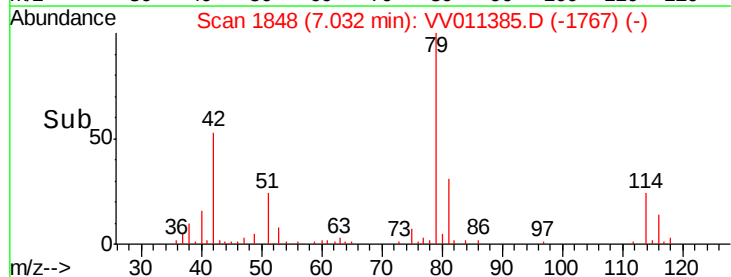
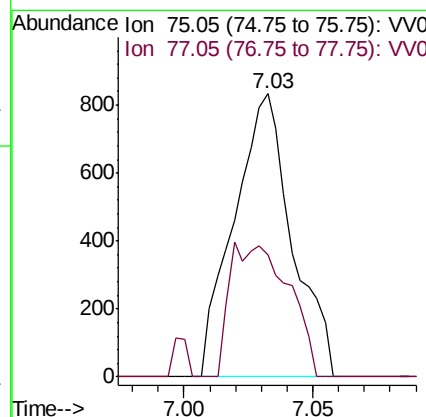
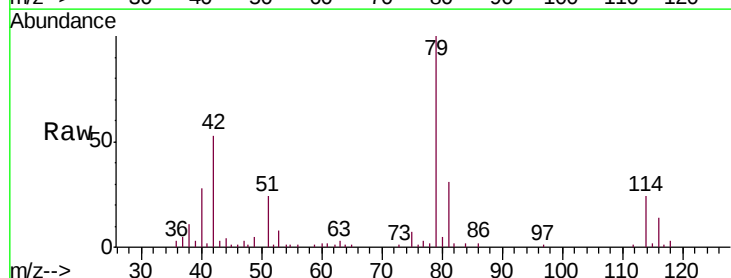
Instrument :
 MSVOA_V
 ClientSampleId :
 BFCP2

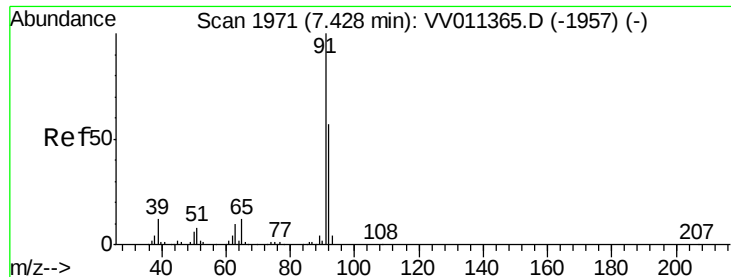
Tgt Ion: 63 Resp: 6478
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.6 5.4#



#39
 cis-1,3-Dichloropropene
 Concen: 0.091 ug/L
 RT: 7.03 min Scan# 1848
 Delta R.T. -0.04 min
 Lab File: VV011385.D
 Acq: 11 Jun 2019 09:46

Tgt Ion: 75 Resp: 1309
 Ion Ratio Lower Upper
 75 100
 77 43.0 22.2 41.2#





#42

Toluene

Concen: 0.205 ug/L

RT: 7.43 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VV011385.D

Acq: 11 Jun 2019 09:46

Instrument :

MSVOA_V

ClientSampled :

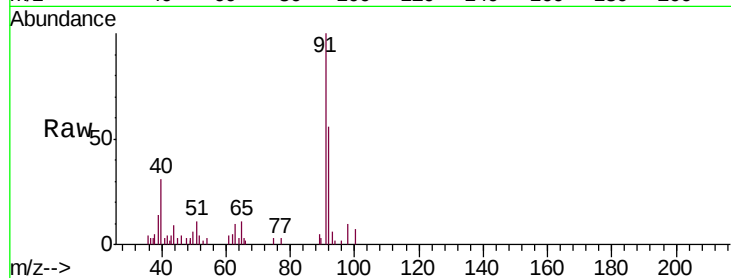
BFCP2

Tgt Ion: 91 Resp: 8641

Ion Ratio Lower Upper

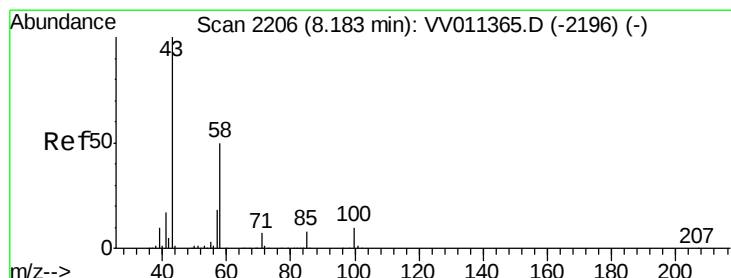
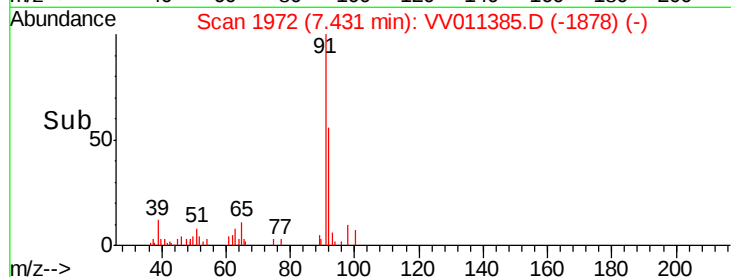
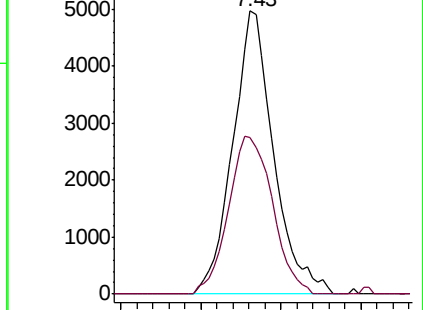
91 100

92 55.5 39.9 74.1



Abundance Ion 91.15 (90.85 to 91.85): VV011385.D (-1957) (-)

Ion 92.15 (91.85 to 92.85): VV011385.D (-1957) (-)



#48

2-Hexanone

Concen: 3.201 ug/L

RT: 8.14 min Scan# 2191

Delta R.T. -0.05 min

Lab File: VV011385.D

Acq: 11 Jun 2019 09:46

Tgt Ion: 43 Resp: 14005

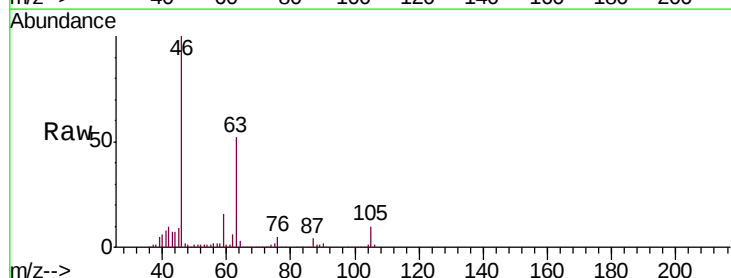
Ion Ratio Lower Upper

43 100

58 31.4 41.4 62.0#

57 24.3 15.0 22.4#

100 0.7 9.0 13.4#

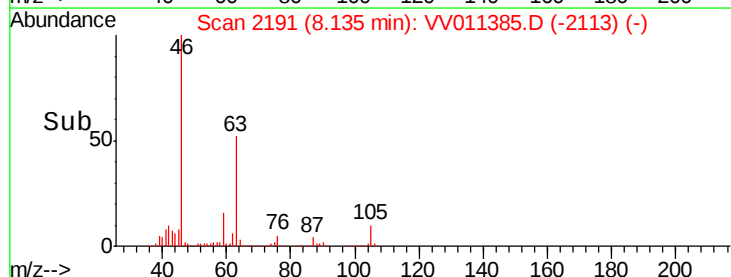
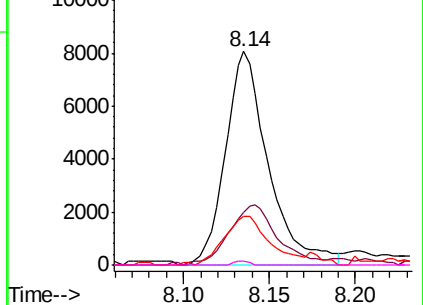


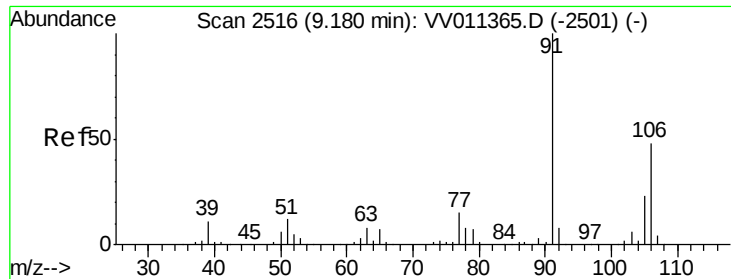
Abundance Ion 43.05 (42.75 to 43.75): VV011385.D (-2196) (-)

Ion 58.05 (57.75 to 58.75): VV011385.D (-2196) (-)

Ion 57.20 (56.90 to 57.90): VV011385.D (-2196) (-)

Ion 100.15 (99.85 to 100.85): VV011385.D (-2196) (-)





#53

m,p-xylene

Concen: 0.129 ug/L

RT: 9.18 min Scan# 2516

Delta R.T. 0.00 min

Lab File: VV011385.D

Acq: 11 Jun 2019 09:46

Instrument :
MSVOA_V
ClientSampleId :
BFCP2

Tgt Ion:106 Resp: 2237

Ion Ratio Lower Upper

106 100

91 177.2 145.5 270.3

