

Data File : VV011704.D
Acq On : 22 Jun 2019 00:28
Operator : SY/MD
Sample : K3462-09
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFCP4

Quant Time: Jun 24 05:48:18 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR062119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Jun 24 05:42:24 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	158094	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	145323	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	60102	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	42856	4.08	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.60%
7) Chloroethane-d5	1.57	69	33260	4.51	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.20%
11) 1,1-Dichloroethene-d2	2.12	63	69123	3.24	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.80%
20) 2-Butanone-d5	3.95	46	148630	53.77	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.54%
24) Chloroform-d	4.40	84	88075	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.00%
26) 1,2-Dichloroethane-d4	5.08	65	57029	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.20%
32) Benzene-d6	5.10	84	192476	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.00%
36) 1,2-Dichloropropane-d6	6.12	67	62035	4.97	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.40%
41) Toluene-d8	7.36	98	161944	4.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.20%
43) trans-1,3-Dichloropropene-	7.67	79	17653	4.05	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.00%
46) 2-Hexanone-d5	8.14	63	112137	54.77	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.54%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	44609	5.14	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	59667	5.26	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.20%

Target Compounds

					Qvalue	
3) Chloromethane	1.22	50	11281	0.756	ug/L #	50
5) Vinyl chloride	1.32	62	2405	0.165	ug/L #	1
8) Chloroethane	1.57	64	1162	0.152	ug/L #	56
13) Acetone	2.20	43	4537	2.272	ug/L	88
14) Carbon disulfide	2.32	76	5374	0.204	ug/L #	78
22) cis-1,2-Dichloroethene	3.96	96	3709	0.293	ug/L	92
25) Chloroform	4.42	83	11061	0.441	ug/L	91
33) Benzene	5.15	78	15716	0.326	ug/L	100
34) Trichloroethene	5.96	95	2005	0.157	ug/L	93
35) Methylcyclohexane	6.12	83	14998	0.727	ug/L #	15
37) 1,2-Dichloropropane	6.12	63	7710	0.630	ug/L #	88
51) Chlorobenzene	8.92	112	10703	0.343	ug/L	96
62) 1,3-Dichlorobenzene	11.23	146	1305	0.064	ug/L	91
63) 1,4-Dichlorobenzene	11.32	146	5238	0.250	ug/L	96
65) 1,2-Dichlorobenzene	11.69	146	64976	3.365	ug/L	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV062219\
Quantitation Report (Not Reviewed)

Data File : VV011704.D
Acq On : 22 Jun 2019 00:28
Operator : SY/MD
Sample : K3462-09
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 35 Sample Multiplier: 1

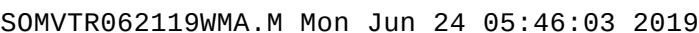
Instrument :
MSVOA_V
ClientSampleId :
BFCP4

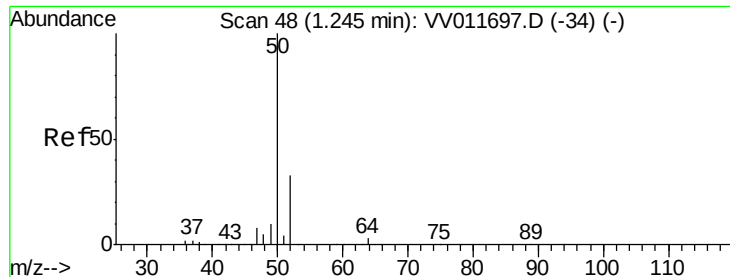
Quant Time: Jun 24 05:48:18 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR062119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Jun 24 05:42:24 2019
Response via : Initial Calibration

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

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

Quant Time: Jun 24 05:48:18 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR062119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Jun 24 05:42:24 2019
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.756 ug/L

RT: 1.22 min Scan# 39

Delta R.T. -0.03 min

Lab File: VV011704.D

Acq: 22 Jun 2019 00:28

Instrument :

MSVOA_V

ClientSampleId :

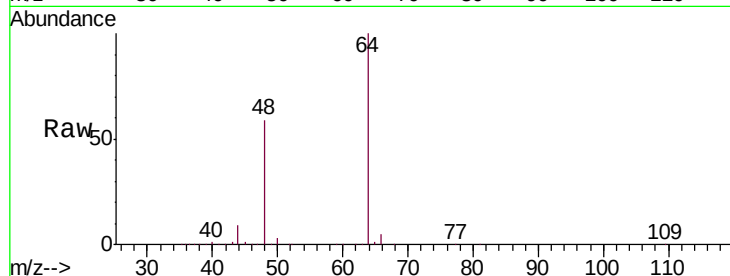
BFCP4

Tgt Ion: 50 Resp: 11281

Ion Ratio Lower Upper

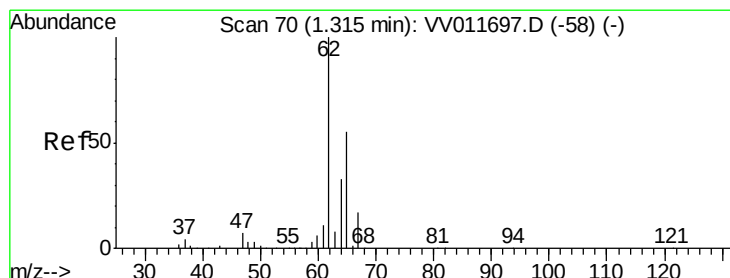
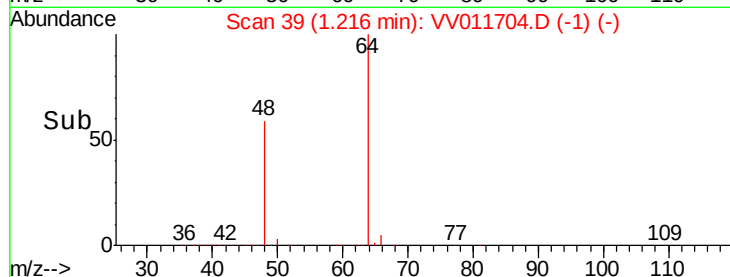
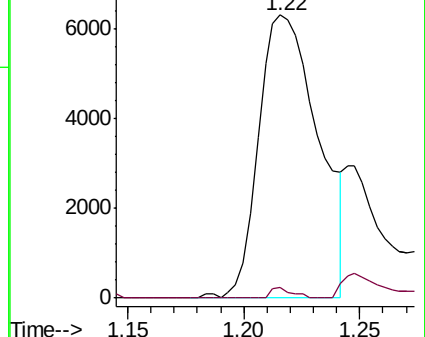
50 100

52 3.6 22.0 40.8#



Abundance Ion 50.05 (49.75 to 50.75): VV011697.D (-34) (-)

Ion 52.05 (51.75 to 52.75): VV011697.D (-34) (-)



#5

Vinyl chloride

Concen: 0.165 ug/L

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VV011704.D

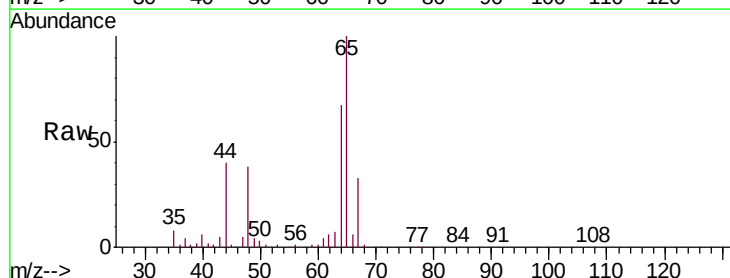
Acq: 22 Jun 2019 00:28

Tgt Ion: 62 Resp: 2405

Ion Ratio Lower Upper

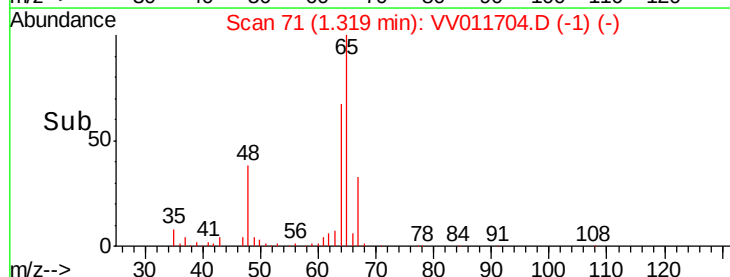
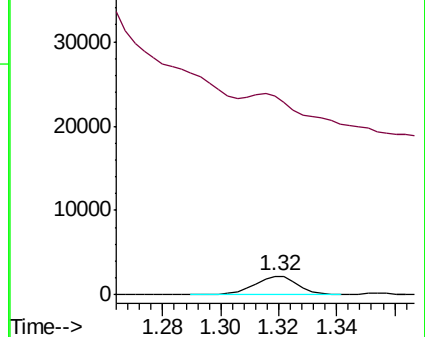
62 100

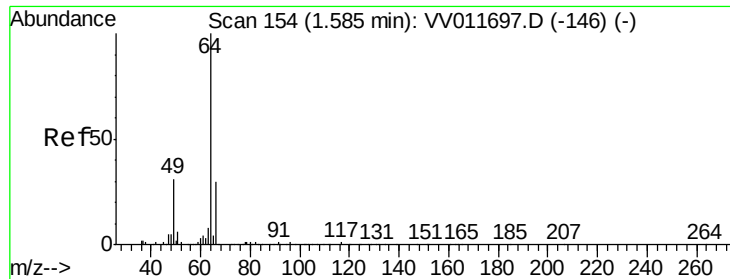
64 1044.4 24.1 44.7#



Abundance Ion 62.00 (61.70 to 62.70): VV011697.D (-58) (-)

Ion 64.10 (63.80 to 64.80): VV011697.D (-58) (-)





#8

Chloroethane

Concen: 0.152 ug/L

RT: 1.57 min Scan# 149

Delta R.T. -0.02 min

Lab File: VV011704.D

Acq: 22 Jun 2019 00:28

Instrument :

MSVOA_V

ClientSampleId :

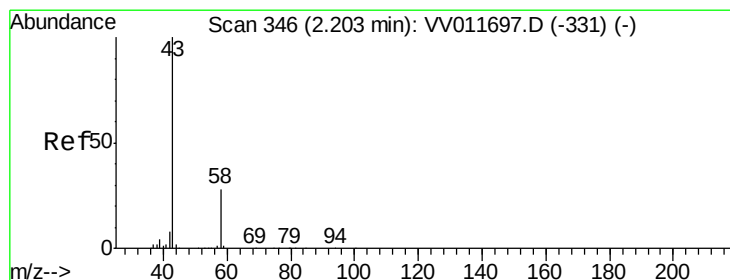
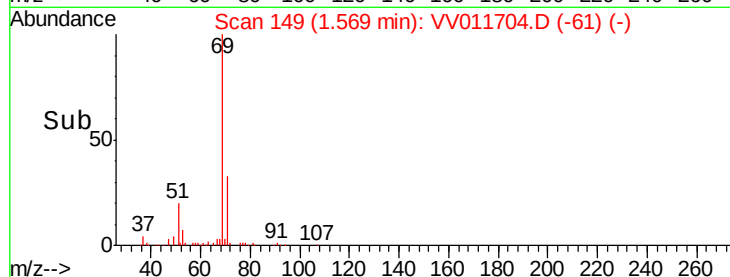
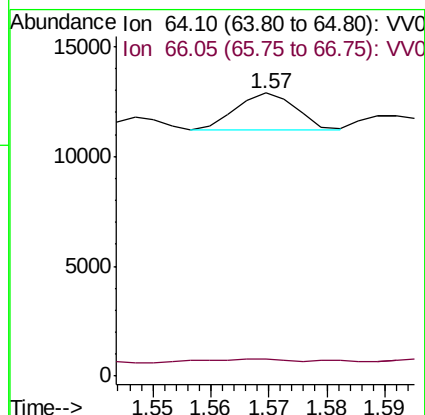
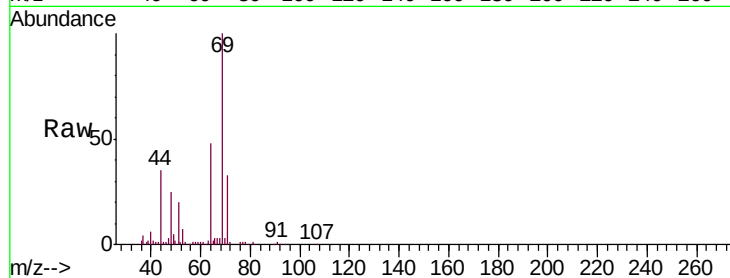
BFCP4

Tgt Ion: 64 Resp: 1162

Ion Ratio Lower Upper

64 100

66 6.1 20.6 38.4#



#13

Acetone

Concen: 2.272 ug/L

RT: 2.20 min Scan# 345

Delta R.T. -0.00 min

Lab File: VV011704.D

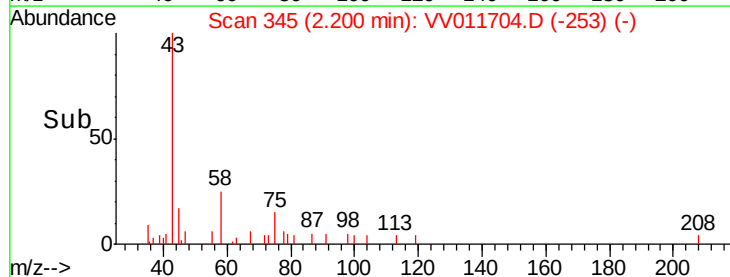
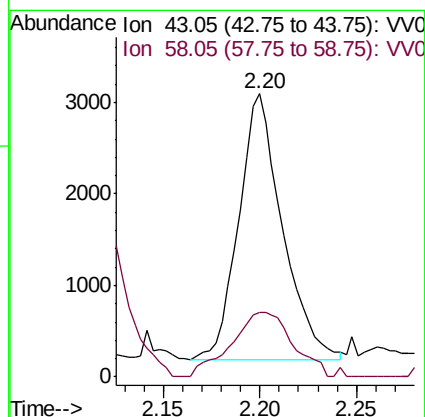
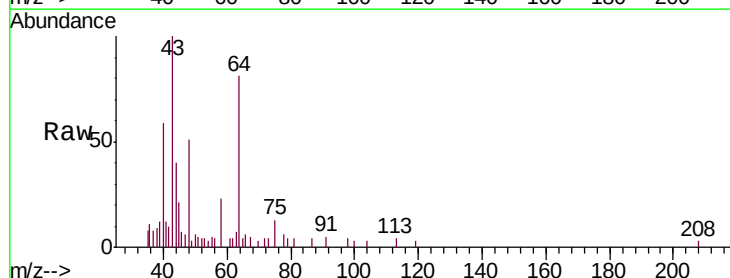
Acq: 22 Jun 2019 00:28

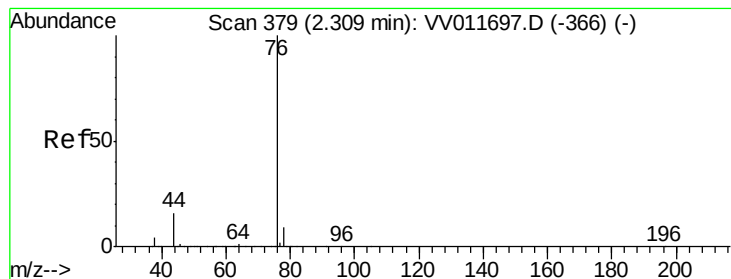
Tgt Ion: 43 Resp: 4537

Ion Ratio Lower Upper

43 100

58 34.6 0.0 56.6





#14

Carbon disulfide

Concen: 0.204 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.01 min

Lab File: VV011704.D

Acq: 22 Jun 2019 00:28

Instrument :

MSVOA_V

ClientSampleId :

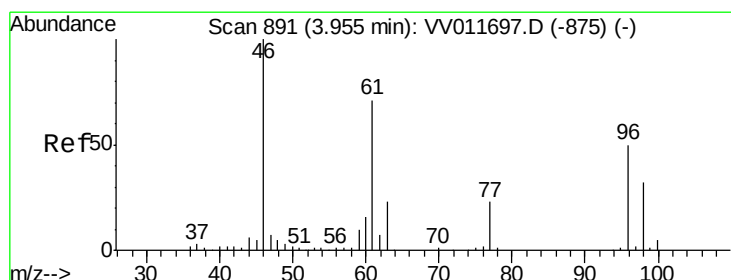
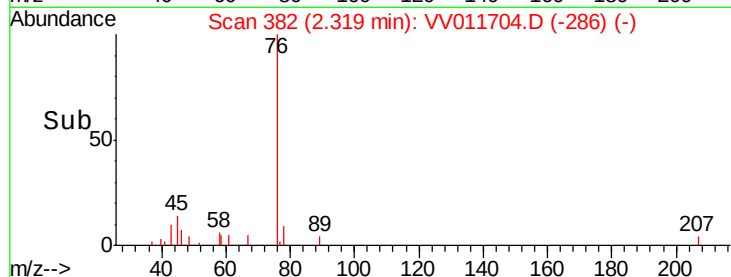
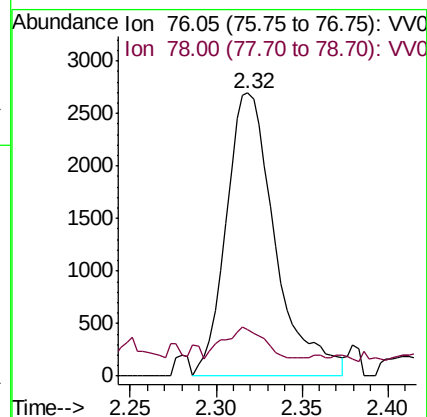
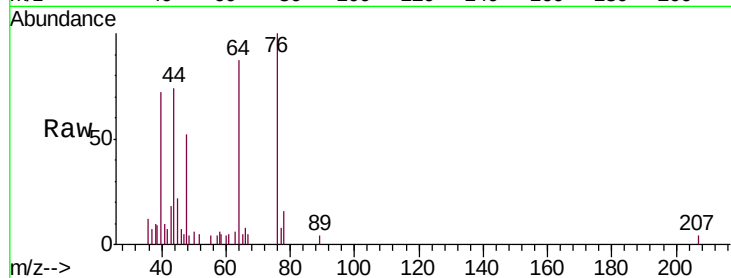
BFCP4

Tgt Ion: 76 Resp: 5374

Ion Ratio Lower Upper

76 100

78 16.5 7.0 10.4#



#22

cis-1,2-Dichloroethene

Concen: 0.293 ug/L

RT: 3.96 min Scan# 892

Delta R.T. 0.00 min

Lab File: VV011704.D

Acq: 22 Jun 2019 00:28

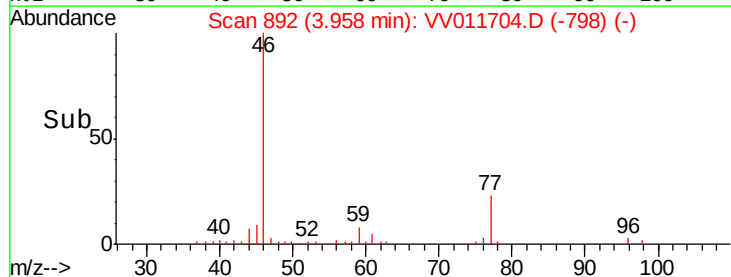
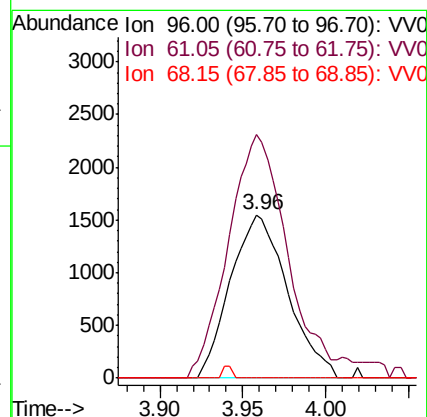
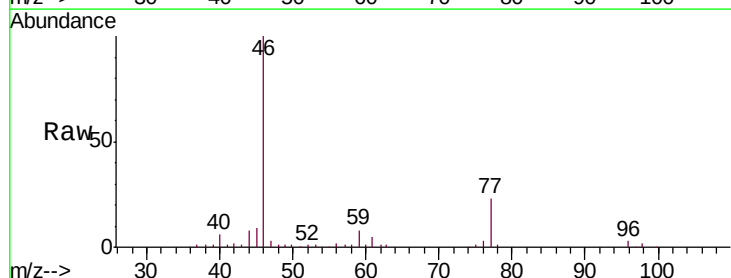
Tgt Ion: 96 Resp: 3709

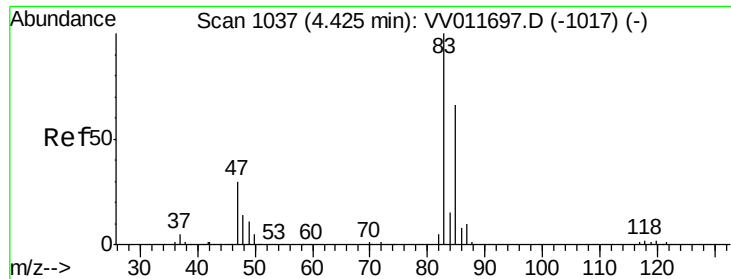
Ion Ratio Lower Upper

96 100

61 148.9 97.9 181.7

68 0.0 0.0 0.0

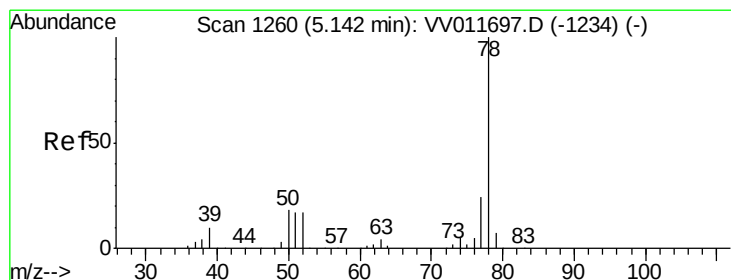
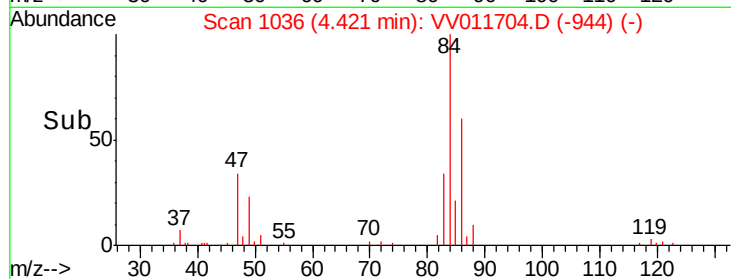
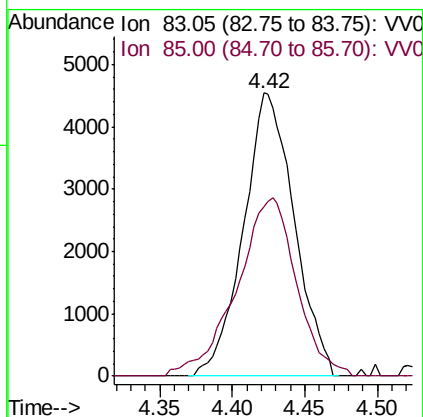
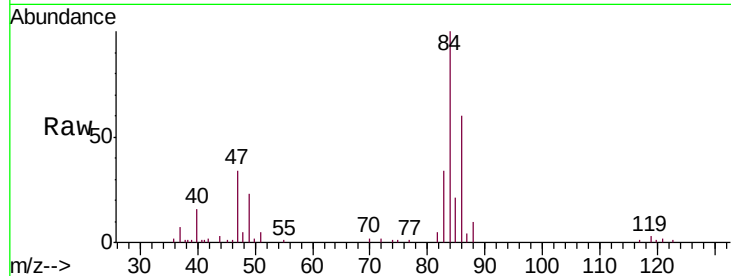




#25
Chloroform
Concen: 0.441 ug/L
RT: 4.42 min Scan# 1036
Delta R.T. -0.00 min
Lab File: VV011704.D
Acq: 22 Jun 2019 00:28

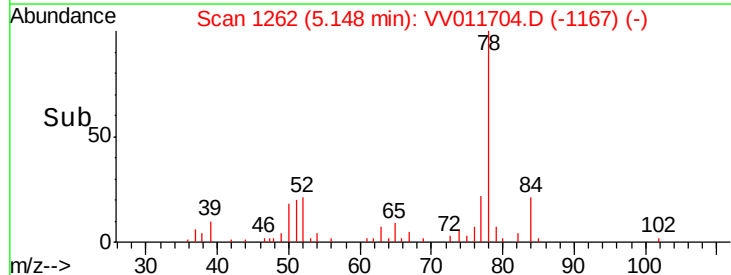
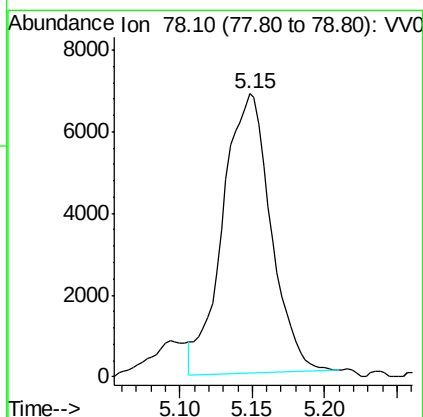
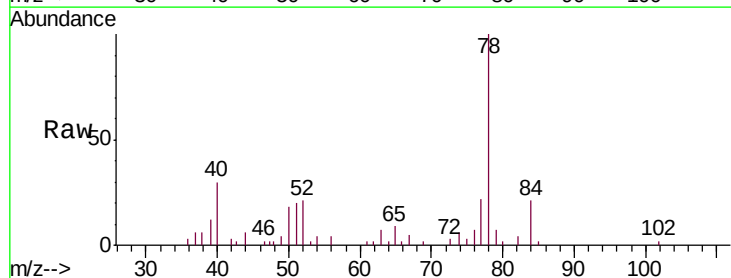
Instrument :
MSVOA_V
ClientSampled :
BFCP4

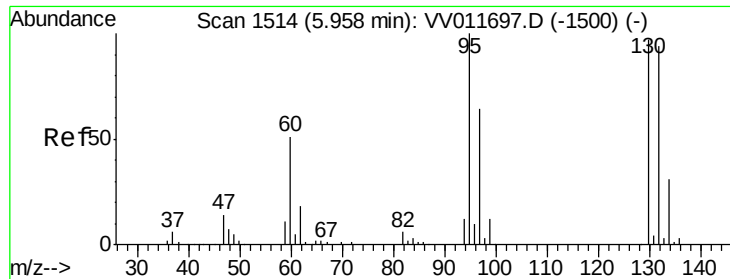
Tgt Ion: 83 Resp: 11061
Ion Ratio Lower Upper
83 100
85 59.7 47.0 87.2



#33
Benzene
Concen: 0.326 ug/L
RT: 5.15 min Scan# 1262
Delta R.T. 0.01 min
Lab File: VV011704.D
Acq: 22 Jun 2019 00:28

Tgt Ion: 78 Resp: 15716

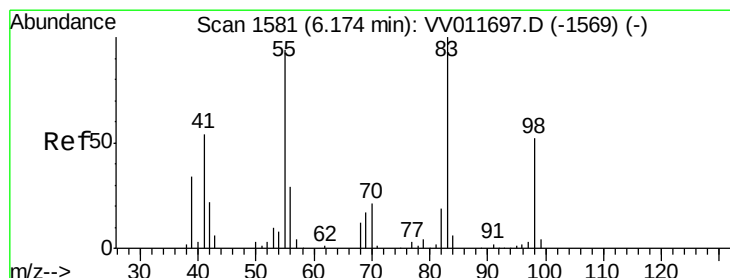
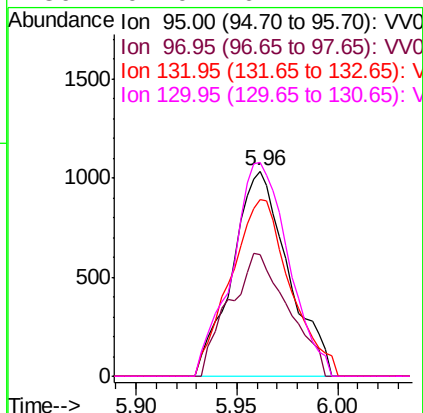
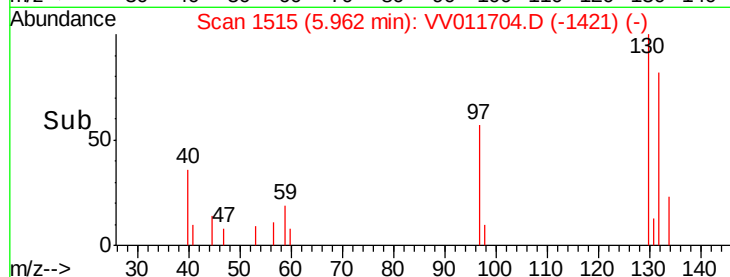
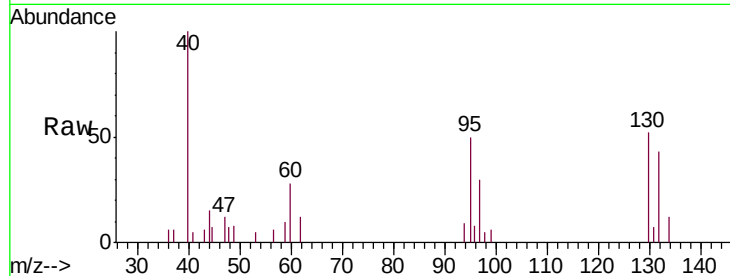




#34
 Trichloroethene
 Concen: 0.157 ug/L
 RT: 5.96 min Scan# 1515
 Delta R.T. 0.00 min
 Lab File: VV011704.D
 Acq: 22 Jun 2019 00:28

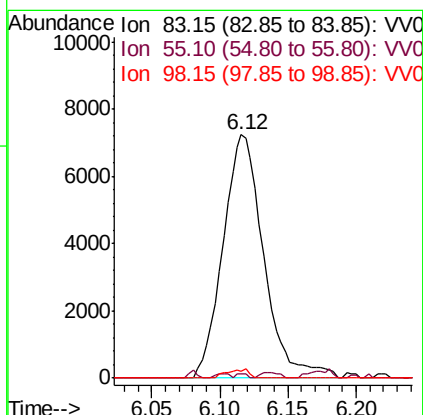
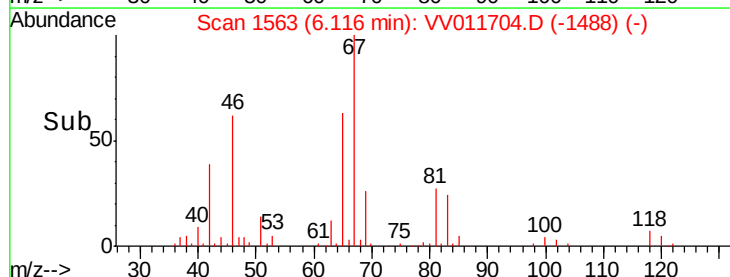
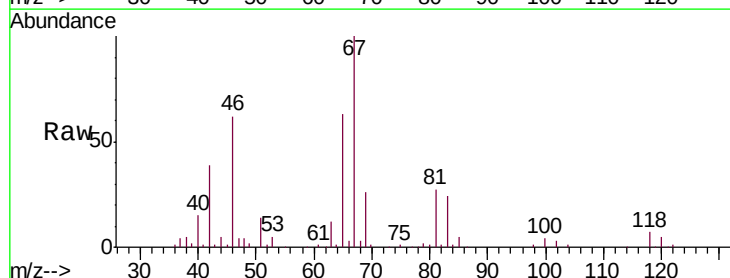
Instrument :
 MSVOA_V
 ClientSampleId :
 BFCP4

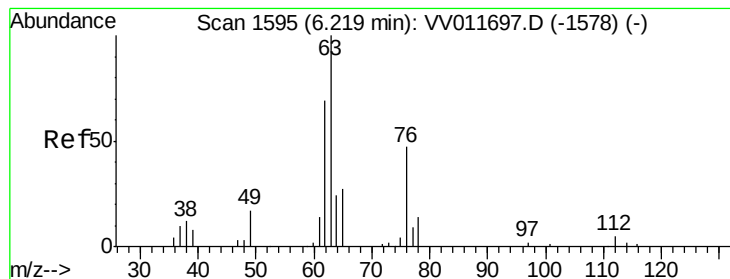
Tgt Ion:	95	Resp:	2005
Ion	Ratio	Lower	Upper
95	100		
97	59.4	44.4	82.5
132	85.7	65.0	120.6
130	104.0	67.1	124.7



#35
 Methylcyclohexane
 Concen: 0.727 ug/L
 RT: 6.12 min Scan# 1563
 Delta R.T. -0.06 min
 Lab File: VV011704.D
 Acq: 22 Jun 2019 00:28

Tgt Ion:	83	Resp:	14998
Ion	Ratio	Lower	Upper
83	100		
55	0.4	69.4	104.2#
98	1.9	40.2	60.4#





#37

1,2-Dichloropropane

Concen: 0.630 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.10 min

Lab File: VV011704.D

Acq: 22 Jun 2019 00:28

Instrument :

MSVOA_V

ClientSampleId :

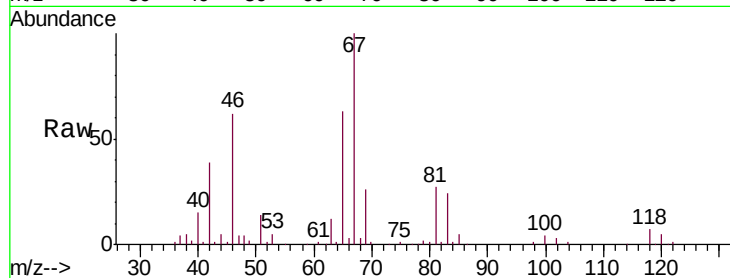
BFCP4

Tgt Ion: 63 Resp: 7710

Ion Ratio Lower Upper

63 100

112 0.3 3.4 5.2#



Abundance Ion 63.10 (62.80 to 63.80): VV011697.D (-1578) (-)

Ion 112.10 (111.80 to 112.80): VV011697.D (-1578) (-)

6.12

4000

3000

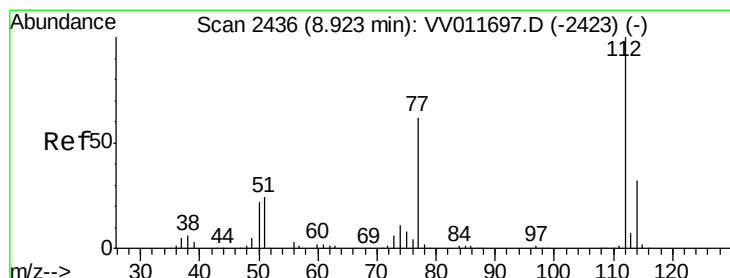
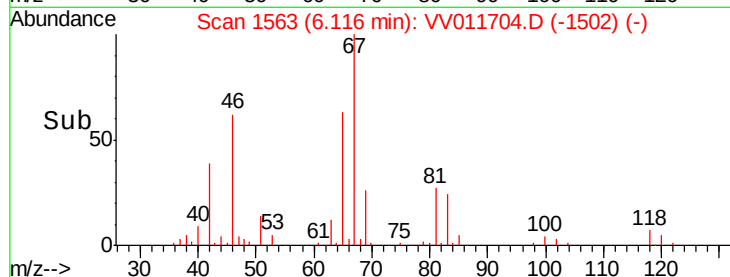
2000

1000

0

6.05 6.10 6.15 6.20

Time-->



#51

Chlorobenzene

Concen: 0.343 ug/L

RT: 8.92 min Scan# 2436

Delta R.T. -0.00 min

Lab File: VV011704.D

Acq: 22 Jun 2019 00:28

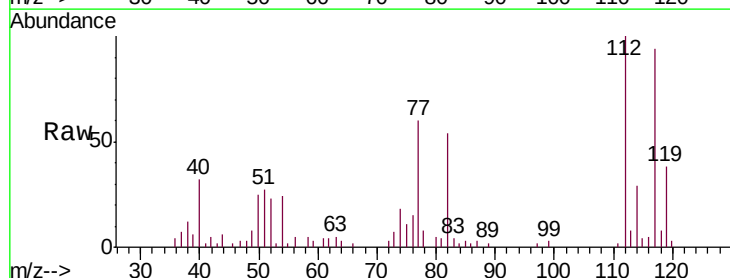
Tgt Ion: 112 Resp: 10703

Ion Ratio Lower Upper

112 100

114 29.3 23.0 42.8

77 60.4 50.0 75.0



Abundance Ion 112.10 (111.80 to 112.80): VV011697.D (-2423) (-)

Ion 114.05 (113.75 to 114.75): VV011697.D (-2423) (-)

Ion 77.10 (76.80 to 77.80): VV011697.D (-2423) (-)

8.92

8000

6000

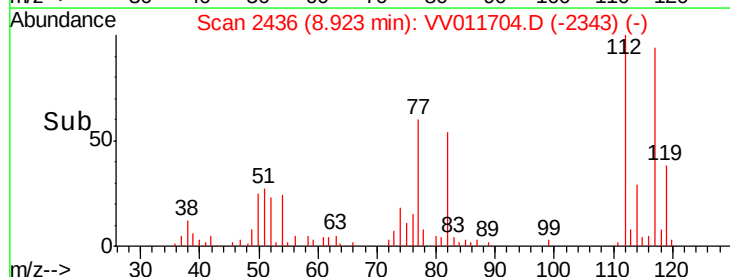
4000

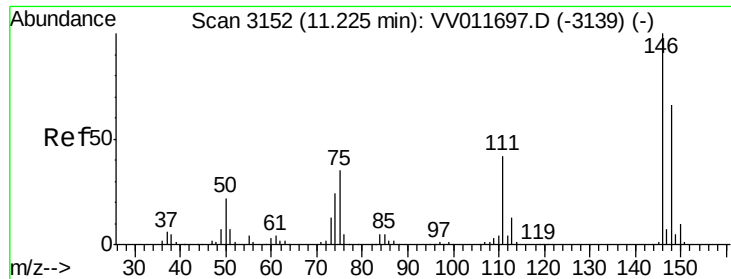
2000

0

8.85 8.90 8.95 9.00

Time-->

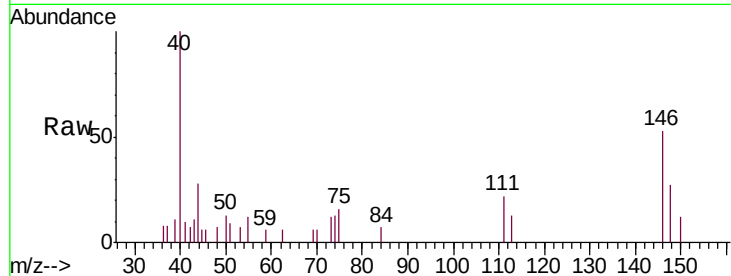




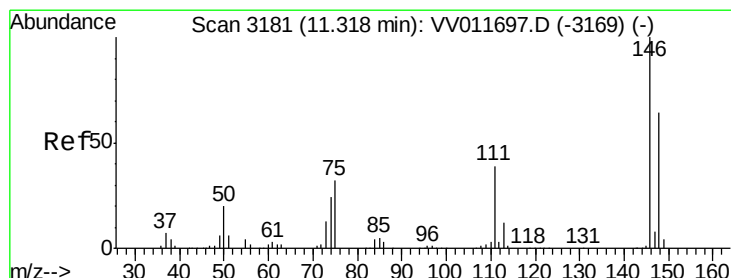
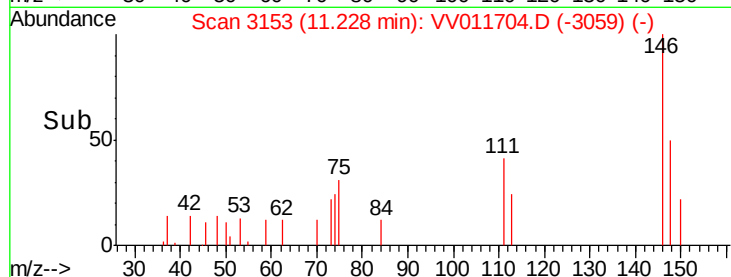
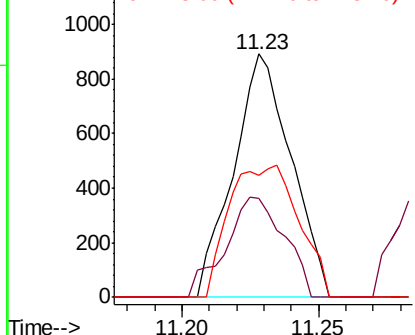
#62
 1,3-Dichlorobenzene
 Concen: 0.064 ug/L
 RT: 11.23 min Scan# 3153
 Delta R.T. 0.00 min
 Lab File: VV011704.D
 Acq: 22 Jun 2019 00:28

Instrument :
 MSVOA_V
 ClientSampleId :
 BFCP4

Tgt Ion:146 Resp: 1305
 Ion Ratio Lower Upper
 146 100
 111 40.8 28.4 52.8
 148 50.1 42.8 79.6

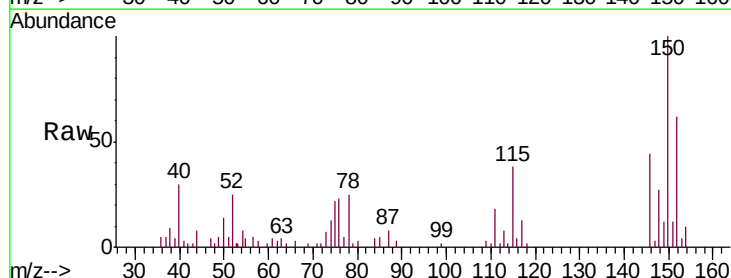


Abundance Ion 145.95 (145.65 to 146.65): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

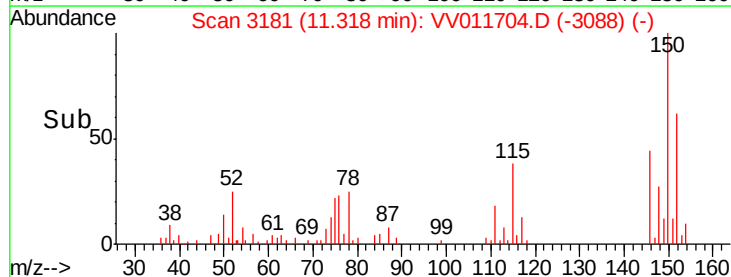
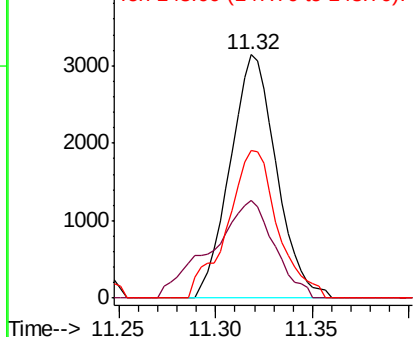


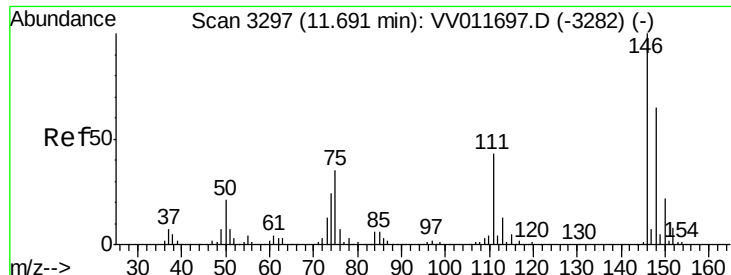
#63
 1,4-Dichlorobenzene
 Concen: 0.250 ug/L
 RT: 11.32 min Scan# 3181
 Delta R.T. 0.00 min
 Lab File: VV011704.D
 Acq: 22 Jun 2019 00:28

Tgt Ion:146 Resp: 5238
 Ion Ratio Lower Upper
 146 100
 111 40.2 27.7 51.5
 148 60.5 45.1 83.9



Abundance Ion 145.95 (145.65 to 146.65): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

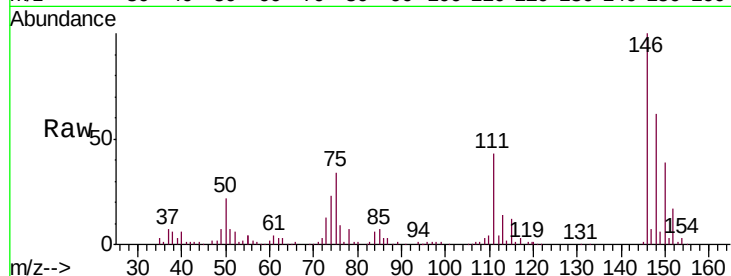




#65
 1,2-Dichlorobenzene
 Concen: 3.365 ug/L
 RT: 11.69 min Scan# 3297
 Delta R.T. 0.00 min
 Lab File: VV011704.D
 Acq: 22 Jun 2019 00:28

Instrument :
 MSVOA_V
 ClientSampleId :
 BFCP4

Tgt Ion:146 Resp: 64976
 Ion Ratio Lower Upper
 146 100
 111 43.1 34.5 51.7
 148 62.2 49.8 74.8



Abundance Ion 145.95 (145.65 to 146.65): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

