

Data File : VV011451.D
Acq On : 13 Jun 2019 09:18
Operator : SY/MD
Sample : K3289-10
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFCL7

Quant Time: Jun 14 04:02:07 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jun 14 03:57:16 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	148942	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	133705	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	53318	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	34682	3.07	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	61.40%
7) Chloroethane-d5	1.57	69	29643	3.16	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	63.20%#
11) 1,1-Dichloroethene-d2	2.12	63	62753	2.78	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	55.60%#
20) 2-Butanone-d5	3.96	46	114752	45.16	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.32%
24) Chloroform-d	4.39	84	81181	4.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.80%
26) 1,2-Dichloroethane-d4	5.08	65	45241	4.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.20%
32) Benzene-d6	5.09	84	157203	3.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.60%
36) 1,2-Dichloropropane-d6	6.11	67	50119	4.07	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	81.40%
41) Toluene-d8	7.36	98	132008	3.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	71.80%
43) trans-1,3-Dichloropropene-	7.66	79	13318	2.84	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	56.80%
46) 2-Hexanone-d5	8.14	63	79754	40.19	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	80.38%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	33440	3.98	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	79.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	43517	4.13	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	82.60%

Target Compounds

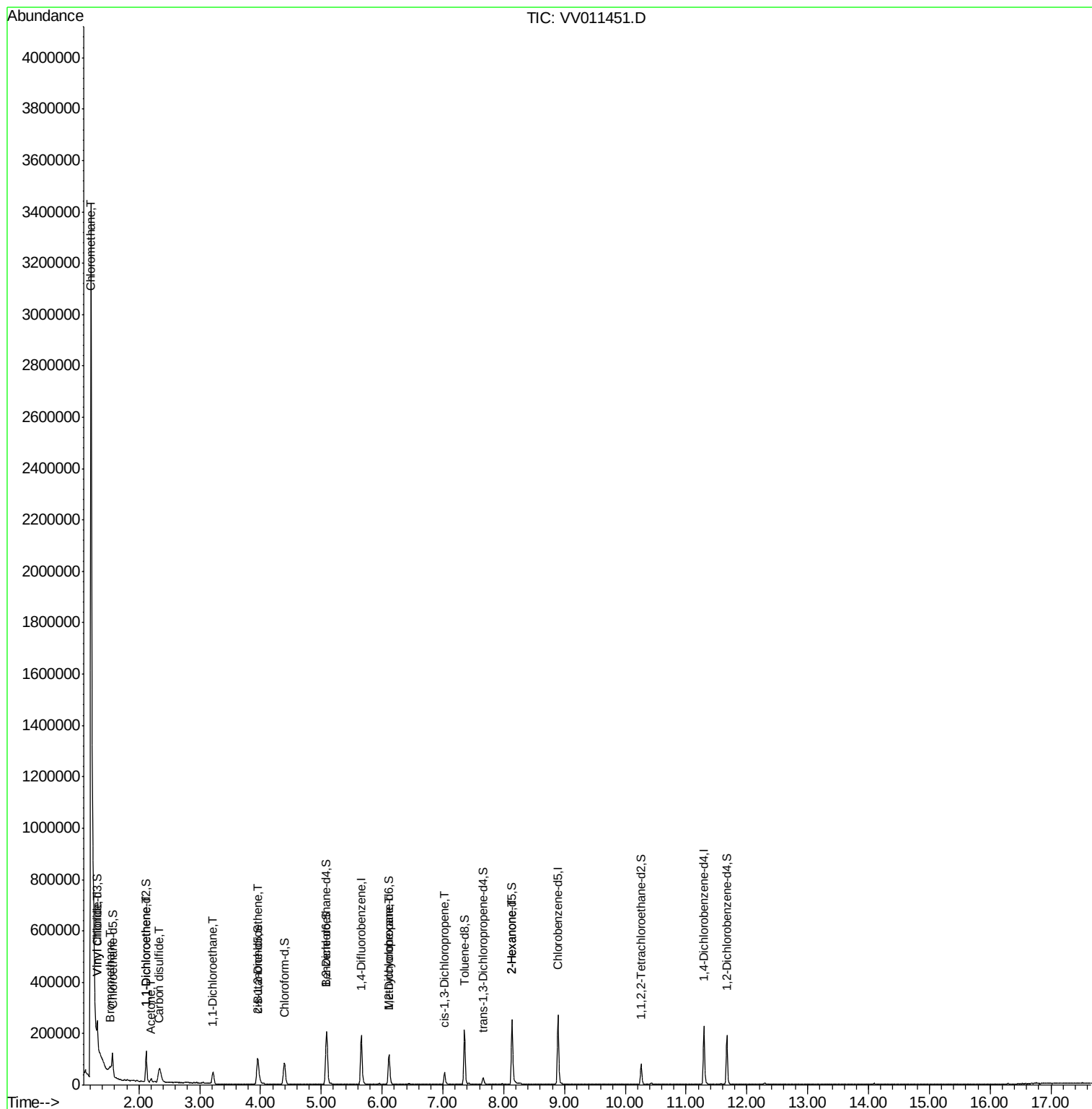
						Qvalue
3) Chloromethane	1.21	50	132877	9.356	ug/L #	44
5) Vinyl chloride	1.32	62	14848	1.084	ug/L #	1
6) Bromomethane	1.53	94	2430	0.341	ug/L	86
12) 1,1-Dichloroethene	2.13	96	2674	0.285	ug/L #	1
13) Acetone	2.20	43	3777	2.217	ug/L	90
14) Carbon disulfide	2.34	76	134598	4.728	ug/L	99
19) 1,1-Dichloroethane	3.22	63	46044	2.222	ug/L	96
22) cis-1,2-Dichloroethene	3.95	96	17728	1.524	ug/L	92
35) Methylcyclohexane	6.11	83	12141	0.668	ug/L #	16
39) cis-1,3-Dichloropropene	7.03	75	1493	0.096	ug/L #	79
48) 2-Hexanone	8.14	43	12065	2.565	ug/L #	70

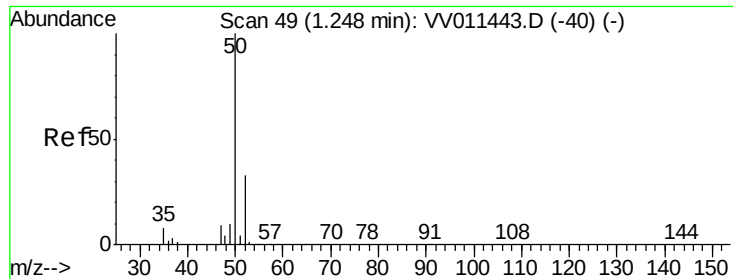
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VV011451.D
Acq On : 13 Jun 2019 09:18
Operator : SY/MD
Sample : K3289-10
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFCL7

Quant Time: Jun 14 04:02:07 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jun 14 03:57:16 2019
Response via : Initial Calibration





#3

Chloromethane

Concen: 9.356 ug/L

RT: 1.21 min Scan# 38

Delta R.T. -0.04 min

Lab File: VV011451.D

Acq: 13 Jun 2019 09:18

Instrument :

MSVOA_V

ClientSampleId :

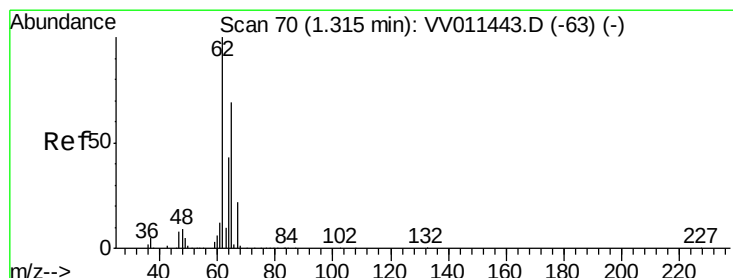
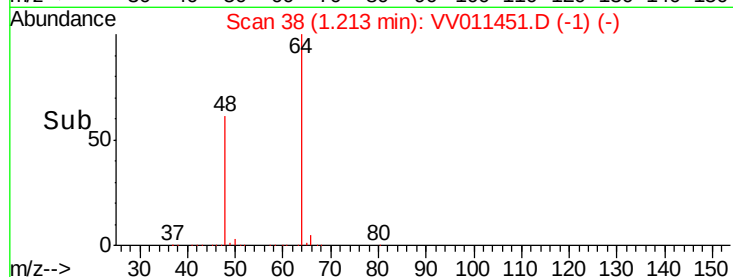
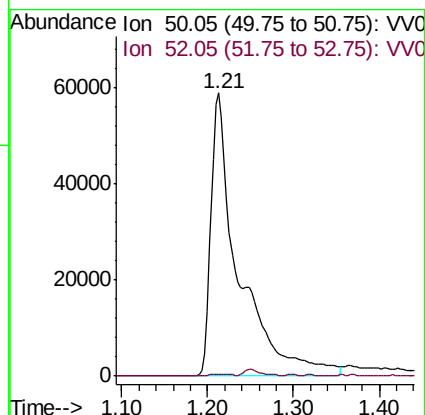
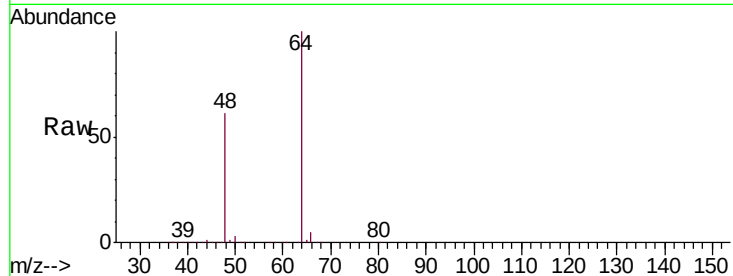
BFCL7

Tgt Ion: 50 Resp: 132877

Ion Ratio Lower Upper

50 100

52 0.6 22.3 41.5#



#5

Vinyl chloride

Concen: 1.084 ug/L

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VV011451.D

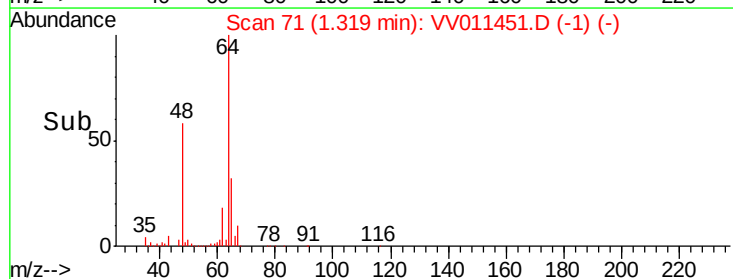
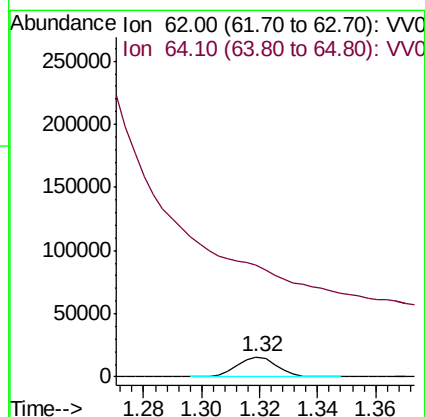
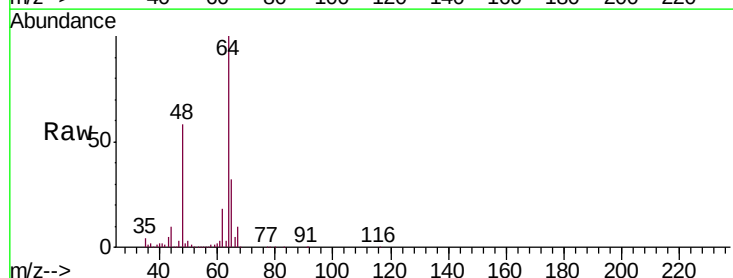
Acq: 13 Jun 2019 09:18

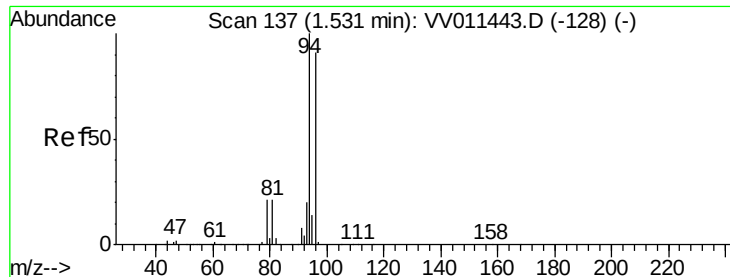
Tgt Ion: 62 Resp: 14848

Ion Ratio Lower Upper

62 100

64 553.2 25.9 48.1#





#6

Bromomethane

Concen: 0.341 ug/L

RT: 1.53 min Scan# 136

Delta R.T. -0.00 min

Lab File: VV011451.D

Acq: 13 Jun 2019 09:18

Instrument :

MSVOA_V

ClientSampleId :

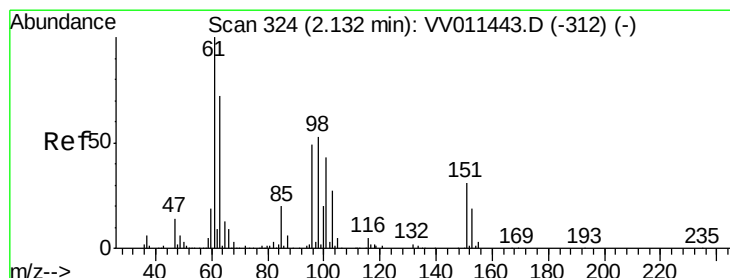
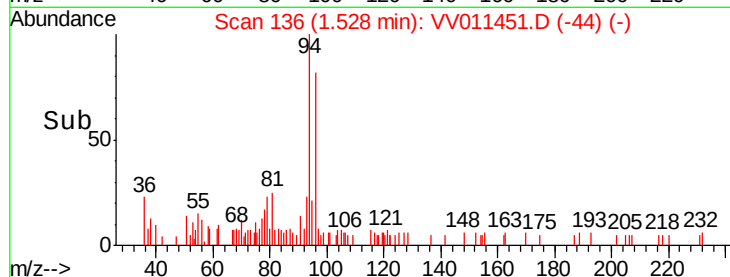
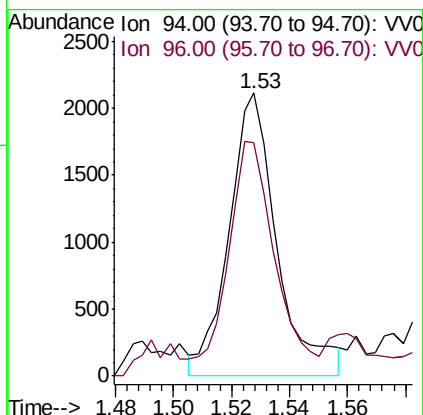
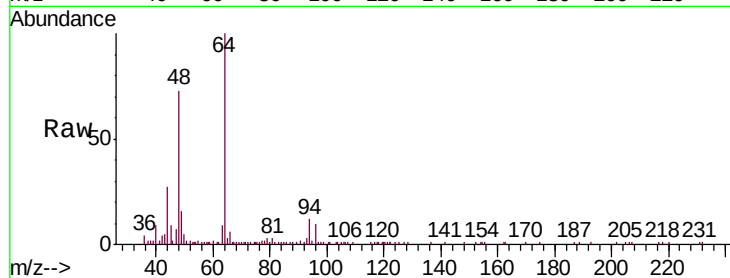
BFCL7

Tgt Ion: 94 Resp: 2430

Ion Ratio Lower Upper

94 100

96 82.5 67.0 124.4



#12

1,1-Dichloroethene

Concen: 0.285 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.00 min

Lab File: VV011451.D

Acq: 13 Jun 2019 09:18

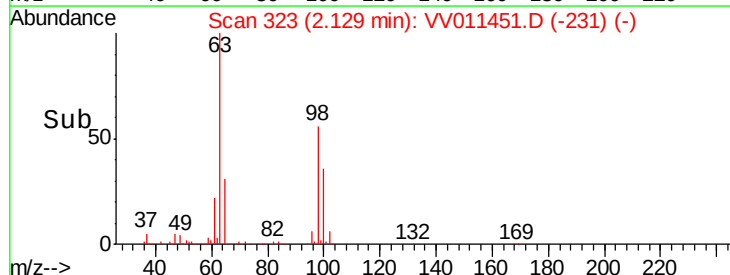
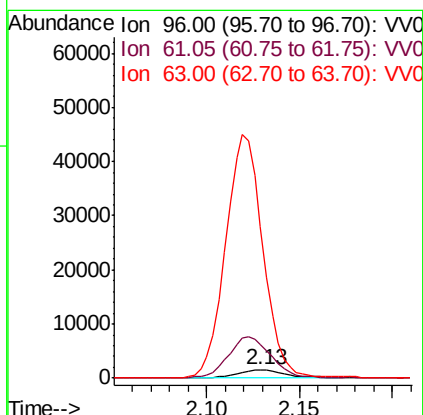
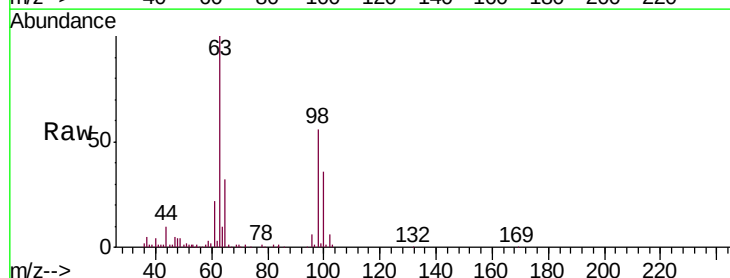
Tgt Ion: 96 Resp: 2674

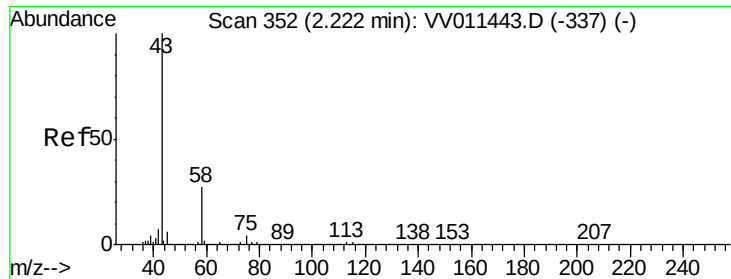
Ion Ratio Lower Upper

96 100

61 315.5 139.8 259.6#

63 1441.5 94.3 175.1#





#13

Acetone

Concen: 2.217 ug/L

RT: 2.20 min Scan# 346

Delta R.T. -0.02 min

Lab File: VV011451.D

Acq: 13 Jun 2019 09:18

Instrument :

MSVOA_V

ClientSampleId :

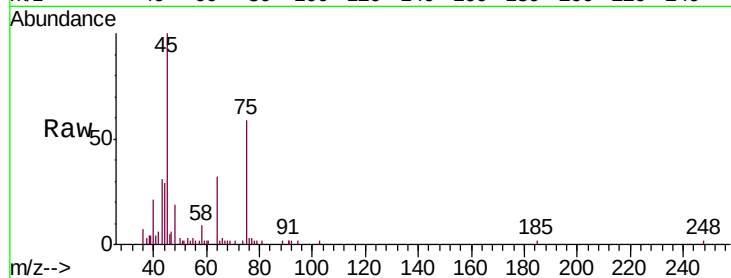
BFCL7

Tgt Ion: 43 Resp: 3777

Ion Ratio Lower Upper

43 100

58 33.1 0.0 55.2



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

2000

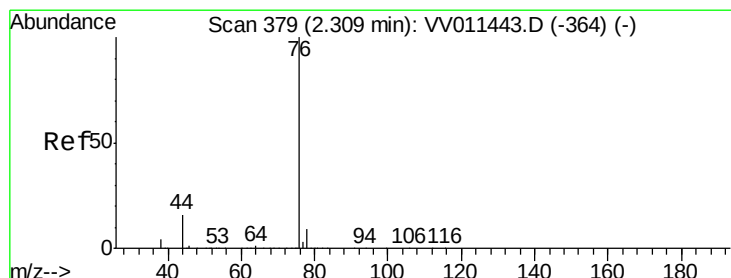
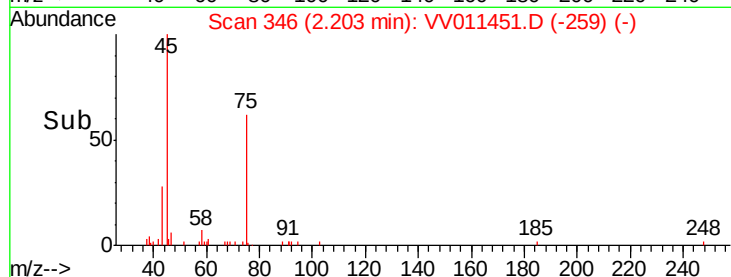
1500

1000

500

0

Time--> 2.15 2.20 2.25



#14

Carbon disulfide

Concen: 4.728 ug/L

RT: 2.34 min Scan# 388

Delta R.T. 0.03 min

Lab File: VV011451.D

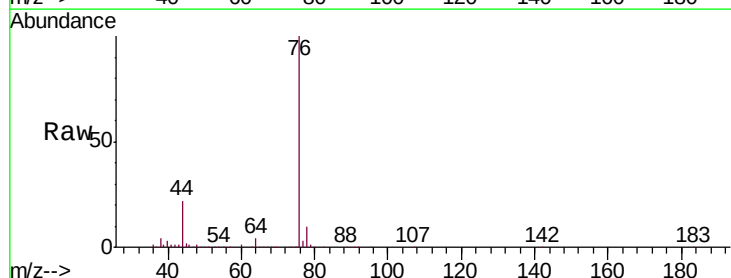
Acq: 13 Jun 2019 09:18

Tgt Ion: 76 Resp: 134598

Ion Ratio Lower Upper

76 100

78 9.5 7.3 10.9



Abundance Ion 76.05 (75.75 to 76.75): VV0

Ion 78.00 (77.70 to 78.70): VV0

40000

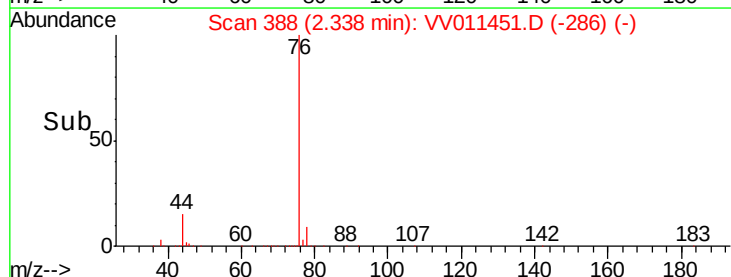
30000

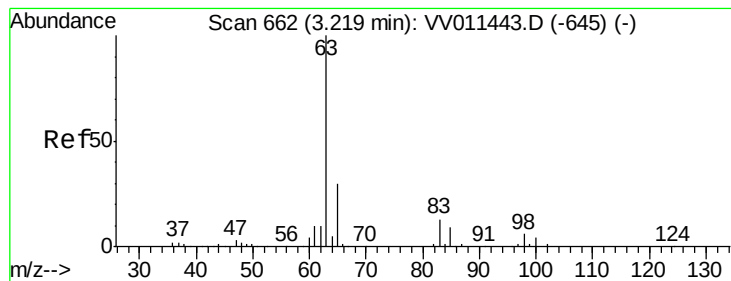
20000

10000

0

Time--> 2.20 2.30 2.40 2.50





#19

1,1-Dichloroethane

Concen: 2.222 ug/L

RT: 3.22 min Scan# 662

Delta R.T. 0.00 min

Lab File: VV011451.D

Acq: 13 Jun 2019 09:18

Instrument :

MSVOA_V

ClientSampleId :

BFCL7

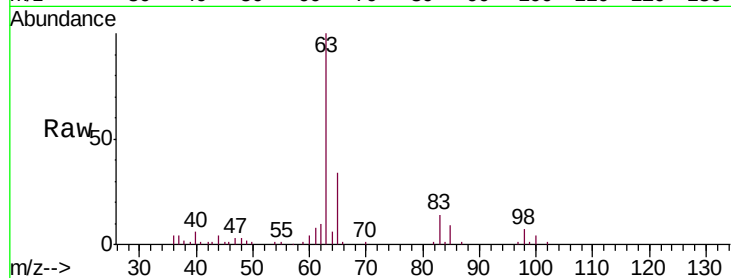
Tgt Ion: 63 Resp: 46044

Ion Ratio Lower Upper

63 100

65 34.2 22.1 41.1

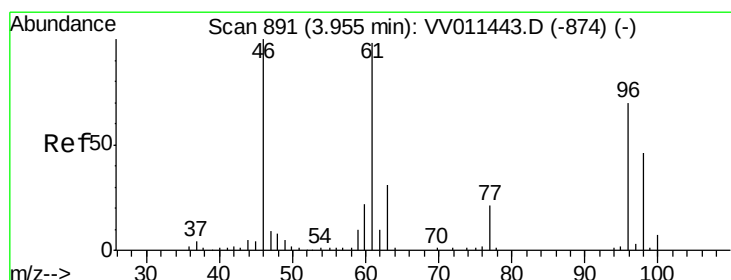
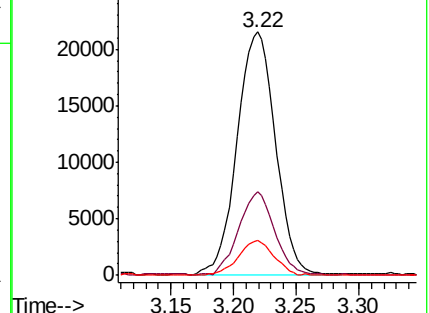
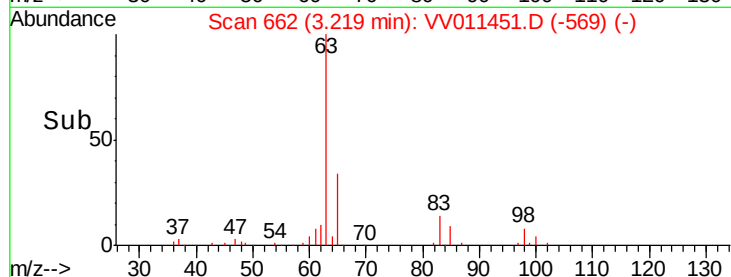
83 14.4 9.2 17.0



Abundance Ion 63.10 (62.80 to 63.80): VV0

Ion 65.10 (64.80 to 65.80): VV0

Ion 83.05 (82.75 to 83.75): VV0



#22

cis-1,2-Dichloroethene

Concen: 1.524 ug/L

RT: 3.95 min Scan# 890

Delta R.T. -0.00 min

Lab File: VV011451.D

Acq: 13 Jun 2019 09:18

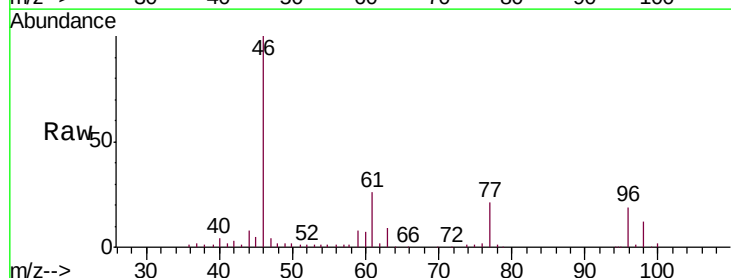
Tgt Ion: 96 Resp: 17728

Ion Ratio Lower Upper

96 100

61 134.0 100.8 187.2

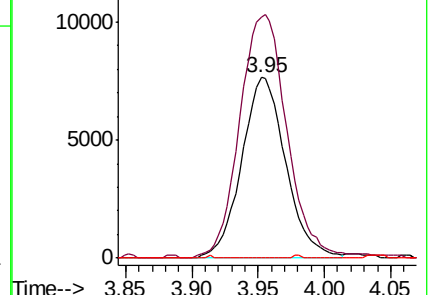
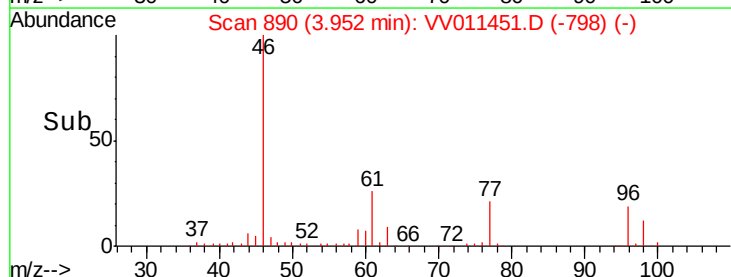
68 0.0 0.0 0.0

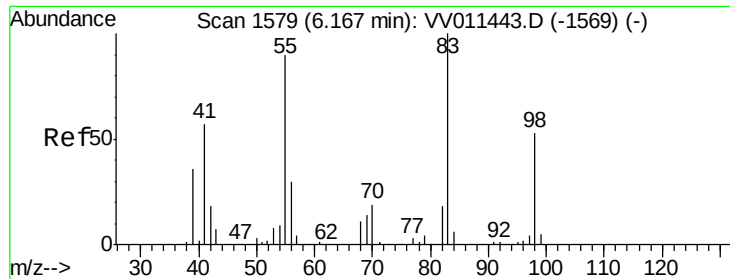


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 68.15 (67.85 to 68.85): VV0

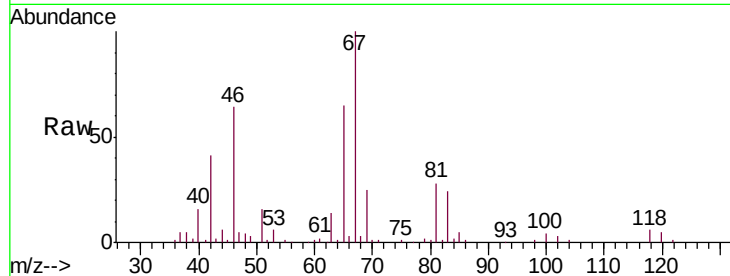




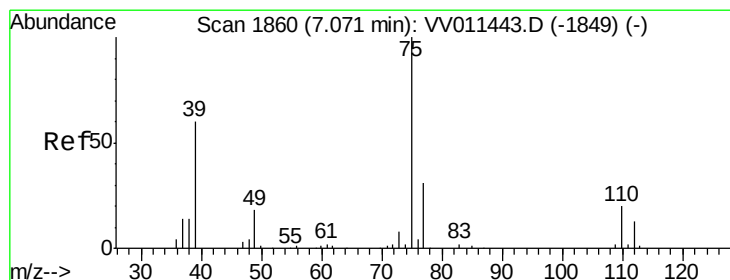
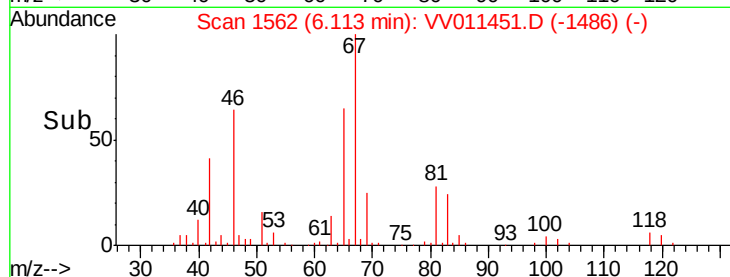
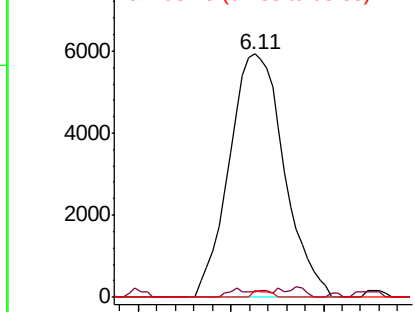
#35
Methylcyclohexane
Concen: 0.668 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.05 min
Lab File: VV011451.D
Acq: 13 Jun 2019 09:18

Instrument :
MSVOA_V
ClientSampleId :
BFCL7

Tgt Ion: 83 Resp: 12141
Ion Ratio Lower Upper
83 100
55 1.2 67.0 100.6#
98 0.8 40.0 60.0#

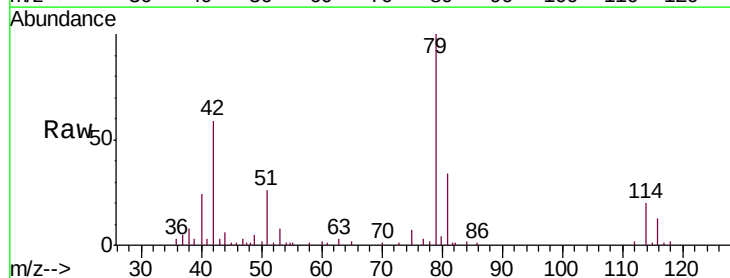


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

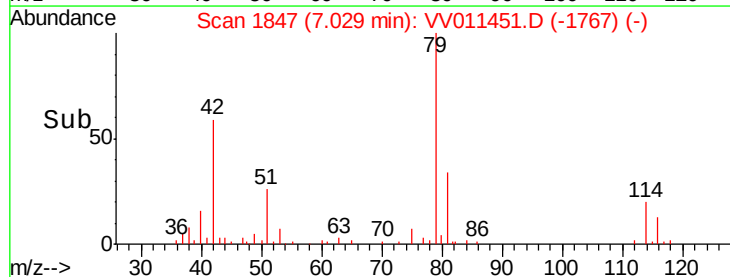
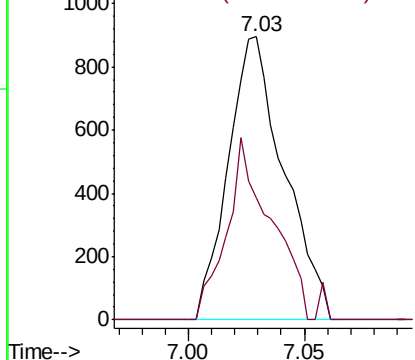


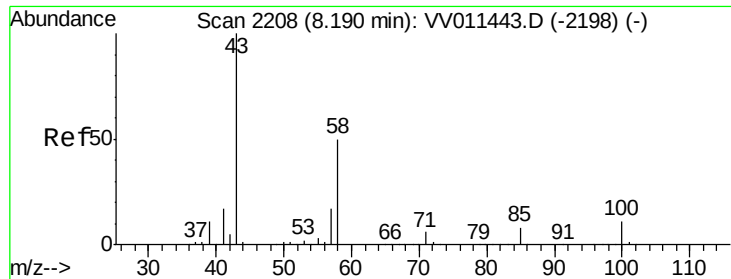
#39
cis-1,3-Dichloropropene
Concen: 0.096 ug/L
RT: 7.03 min Scan# 1847
Delta R.T. -0.04 min
Lab File: VV011451.D
Acq: 13 Jun 2019 09:18

Tgt Ion: 75 Resp: 1493
Ion Ratio Lower Upper
75 100
77 43.4 22.2 41.2#



Abundance Ion 75.05 (74.75 to 75.75): VV0
Ion 77.05 (76.75 to 77.75): VV0





#48

2-Hexanone

Concen: 2.565 ug/L

RT: 8.14 min Scan# 2192

Delta R.T. -0.05 min

Lab File: VV011451.D

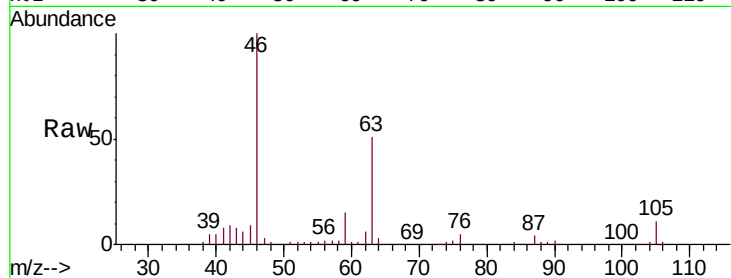
Acq: 13 Jun 2019 09:18

Instrument :

MSVOA_V

ClientSampleId :

BFCL7



Tgt Ion: 43 Resp: 12065

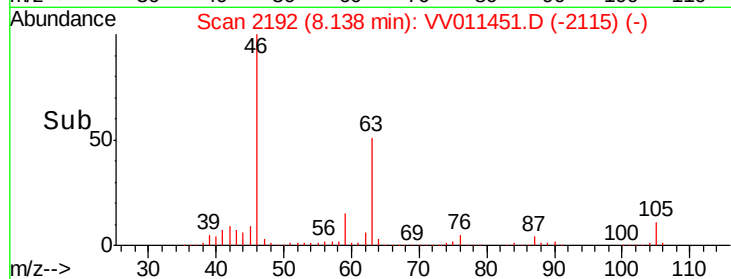
Ion Ratio Lower Upper

43 100

58 26.3 41.4 62.0#

57 25.6 15.0 22.4#

100 0.8 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

