

Data File : VV011703.D
Acq On : 22 Jun 2019 00:03
Operator : SY/MD
Sample : K3462-08
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFCN3

Quant Time: Jun 24 05:48:07 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	158617	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	150341	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	60344	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	42120	4.00	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.00%
7) Chloroethane-d5	1.58	69	32985	4.46	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.20%
11) 1,1-Dichloroethene-d2	2.12	63	67060	3.13	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.60%
20) 2-Butanone-d5	3.96	46	150172	54.15	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.30%
24) Chloroform-d	4.40	84	76549	3.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.60%
26) 1,2-Dichloroethane-d4	5.08	65	56018	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.00%
32) Benzene-d6	5.10	84	185616	4.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.60%
36) 1,2-Dichloropropane-d6	6.12	67	59232	4.59	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.80%
41) Toluene-d8	7.36	98	158203	4.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.40%
43) trans-1,3-Dichloropropene-	7.67	79	15935	3.53	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	70.60%
46) 2-Hexanone-d5	8.14	63	110742	52.29	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.58%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	43157	4.80	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.00%
64) 1,2-Dichlorobenzene-d4	11.67	152	54992	4.83	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.60%

Target Compounds

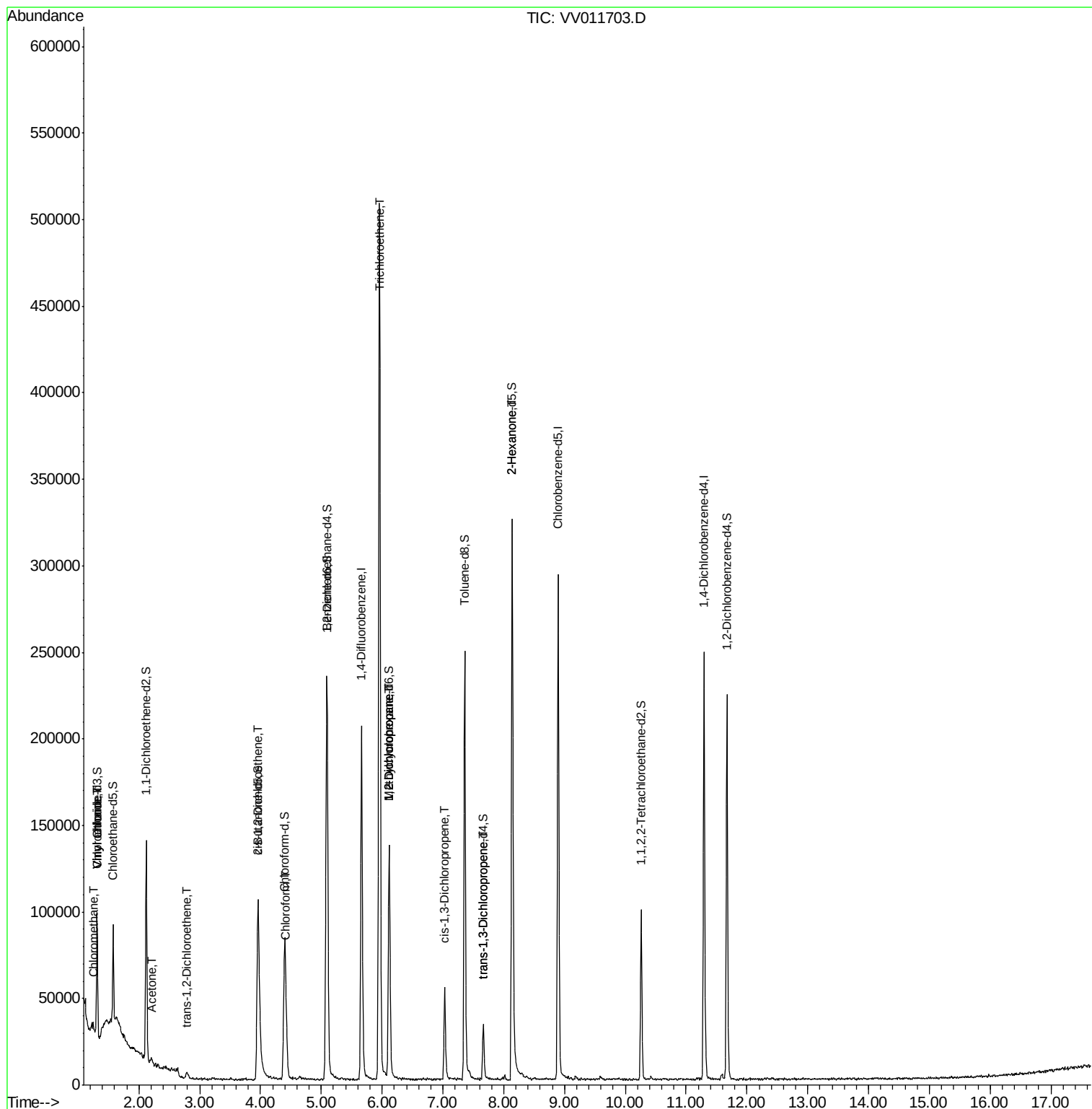
						Qvalue
3) Chloromethane	1.25	50	1811	0.121	ug/L	94
5) Vinyl chloride	1.32	62	1072	0.073	ug/L #	1
8) Chloroethane	1.32	64	952	0.124	ug/L	84
13) Acetone	2.21	43	3549	1.772	ug/L	94
18) trans-1,2-Dichloroethene	2.78	96	1091	0.095	ug/L #	71
22) cis-1,2-Dichloroethene	3.96	96	14515	1.144	ug/L	95
25) Chloroform	4.43	83	19969	0.793	ug/L	93
34) Trichloroethene	5.96	95	170834	12.925	ug/L	100
35) Methylcyclohexane	6.12	83	14529	0.681	ug/L #	15
37) 1,2-Dichloropropane	6.12	63	7671	0.606	ug/L #	88
39) cis-1,3-Dichloropropene	7.03	75	1709	0.103	ug/L #	68
44) trans-1,3-Dichloropropene	7.67	75	1081	0.088	ug/L #	29
48) 2-Hexanone	8.14	43	16691	2.991	ug/L #	72

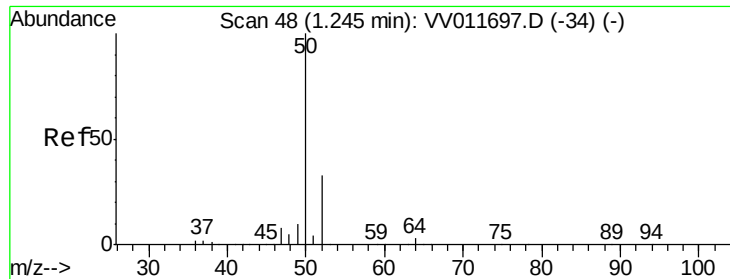
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.121 ug/L

RT: 1.25 min Scan# 49

Delta R.T. 0.00 min

Lab File: VV011703.D

Acq: 22 Jun 2019 00:03

Instrument :

MSVOA_V

ClientSampleId :

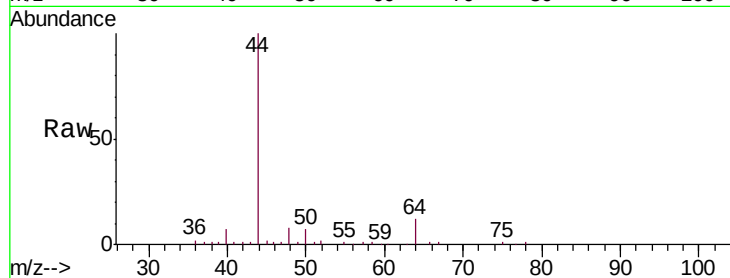
BFCN3

Tgt Ion: 50 Resp: 1811

Ion Ratio Lower Upper

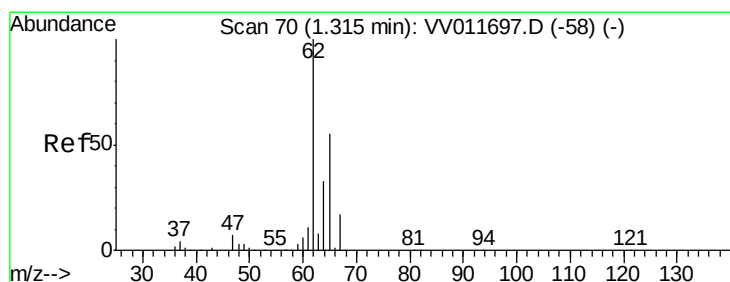
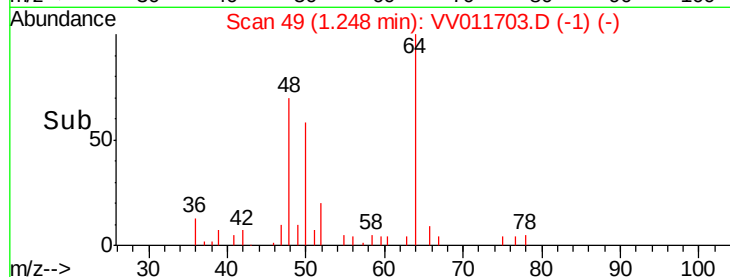
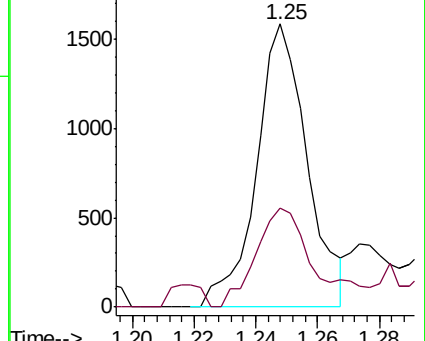
50 100

52 34.9 22.0 40.8



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

Ion 52.05 (51.75 to 52.75): VV011703.D (-1) (-)



#5

Vinyl chloride

Concen: 0.073 ug/L

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VV011703.D

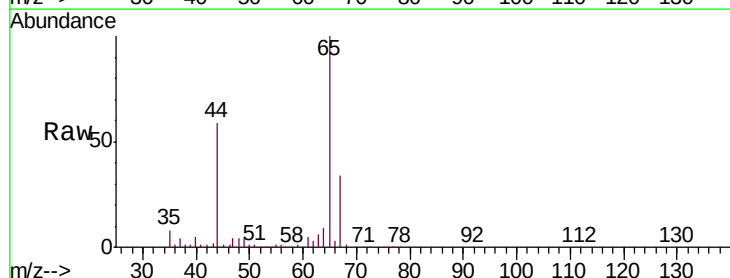
Acq: 22 Jun 2019 00:03

Tgt Ion: 62 Resp: 1072

Ion Ratio Lower Upper

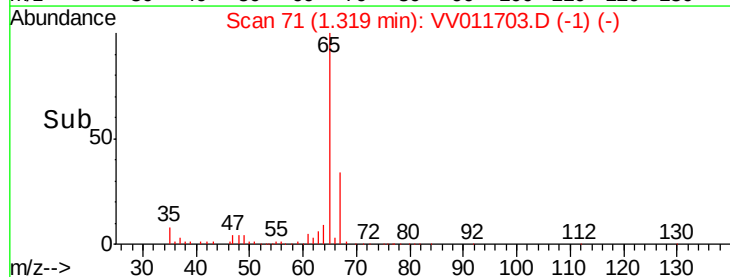
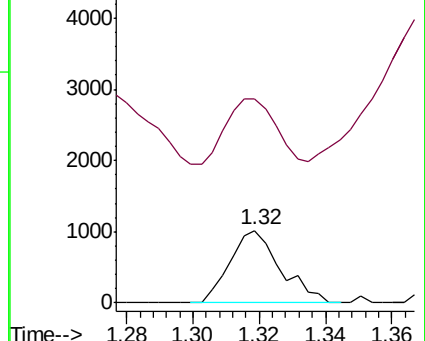
62 100

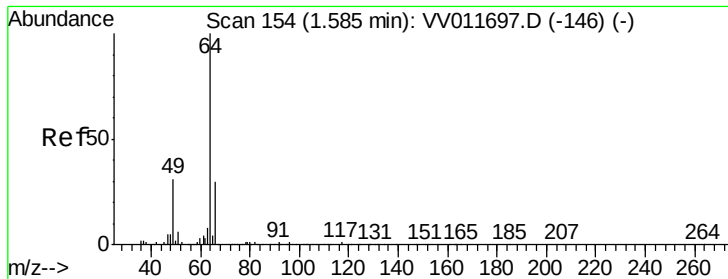
64 280.8 24.1 44.7#



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

Ion 64.10 (63.80 to 64.80): VV011703.D (-1) (-)





#8

Chloroethane

Concen: 0.124 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.27 min

Lab File: VV011703.D

Acq: 22 Jun 2019 00:03

Instrument :

MSVOA_V

ClientSampleId :

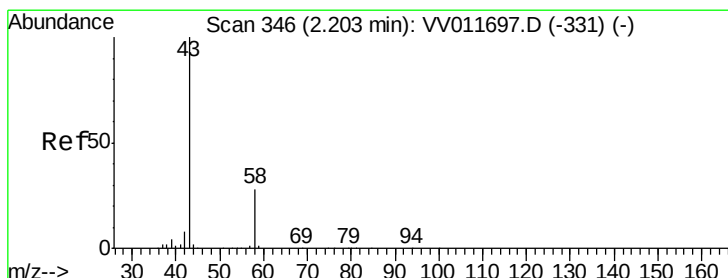
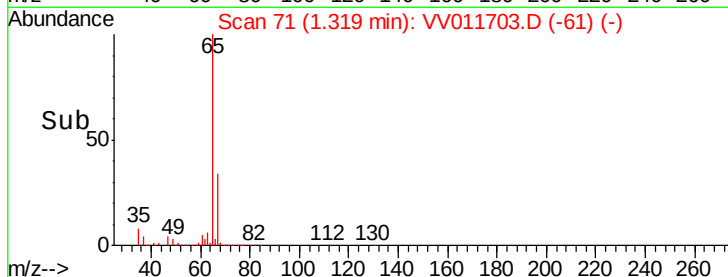
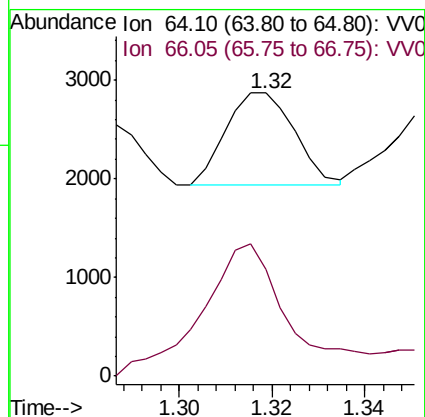
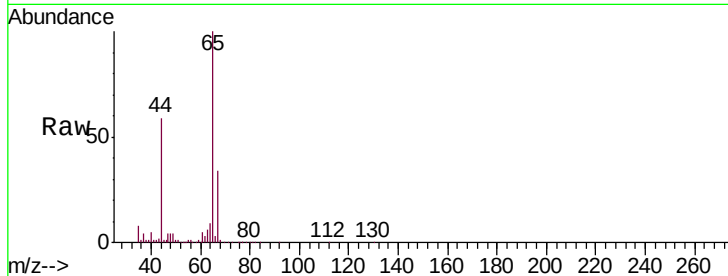
BFCN3

Tgt Ion: 64 Resp: 952

Ion Ratio Lower Upper

64 100

66 37.8 20.6 38.4



#13

Acetone

Concen: 1.772 ug/L

RT: 2.21 min Scan# 349

Delta R.T. 0.01 min

Lab File: VV011703.D

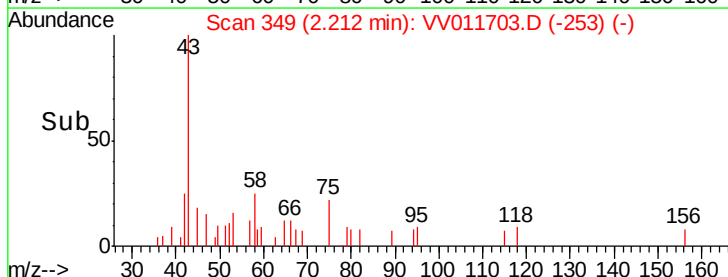
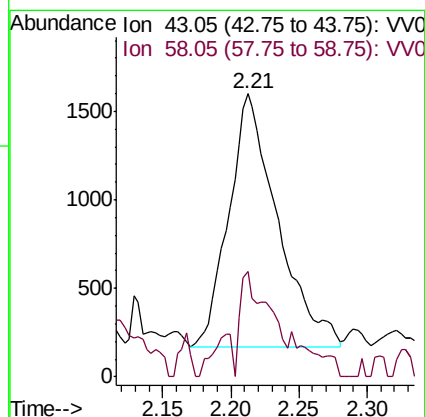
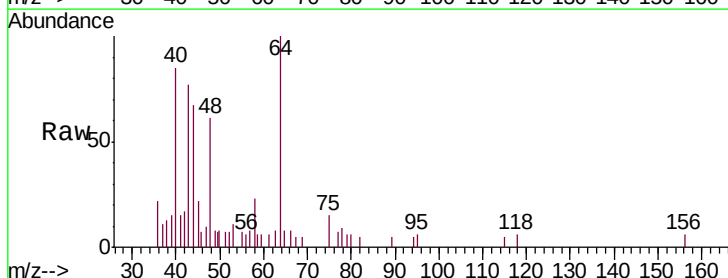
Acq: 22 Jun 2019 00:03

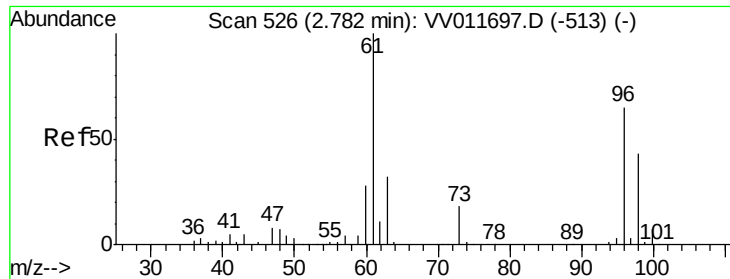
Tgt Ion: 43 Resp: 3549

Ion Ratio Lower Upper

43 100

58 25.2 0.0 56.6





#18

trans-1,2-Dichloroethene

Concen: 0.095 ug/L

RT: 2.78 min Scan# 527

Delta R.T. 0.00 min

Lab File: VV011703.D

Acq: 22 Jun 2019 00:03

Instrument :

MSVOA_V

ClientSampleId :

BFCN3

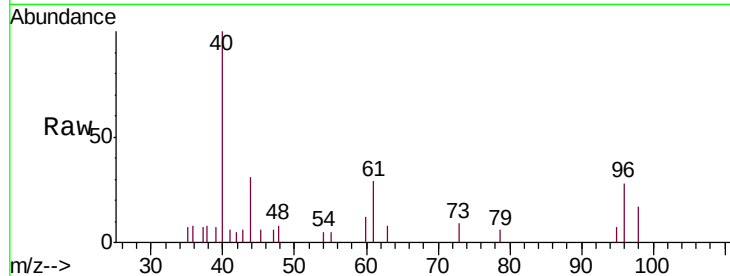
Tgt Ion: 96 Resp: 1091

Ion Ratio Lower Upper

96 100

61 103.6 109.3 203.1#

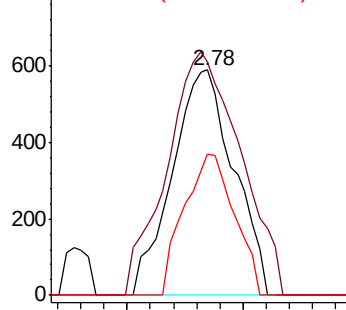
98 62.8 44.6 82.8



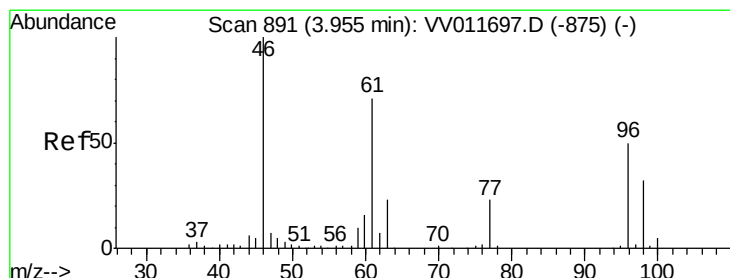
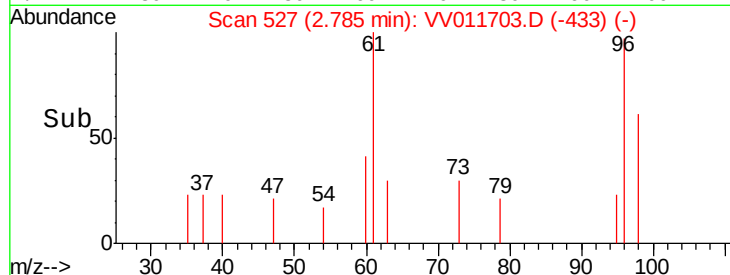
Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 97.95 (97.65 to 98.65): VV0



Time-->



#22

cis-1,2-Dichloroethene

Concen: 1.144 ug/L

RT: 3.96 min Scan# 893

Delta R.T. 0.01 min

Lab File: VV011703.D

Acq: 22 Jun 2019 00:03

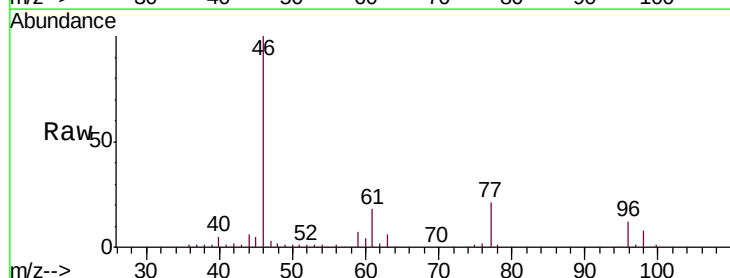
Tgt Ion: 96 Resp: 14515

Ion Ratio Lower Upper

96 100

61 146.0 97.9 181.7

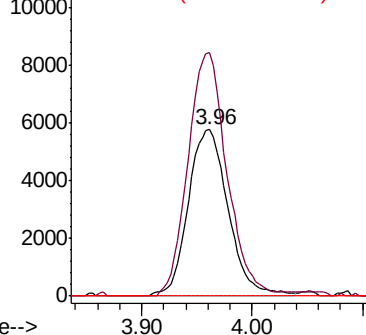
68 0.0 0.0 0.0



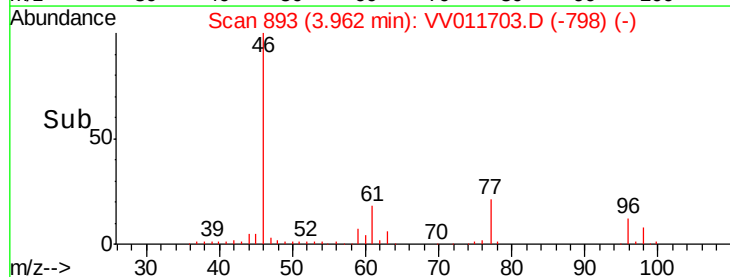
Abundance Ion 96.00 (95.70 to 96.70): VV0

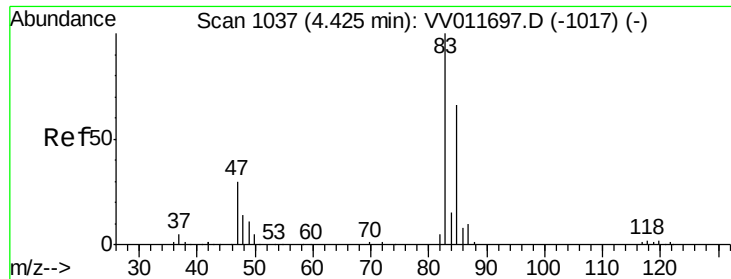
Ion 61.05 (60.75 to 61.75): VV0

Ion 68.15 (67.85 to 68.85): VV0



Time-->

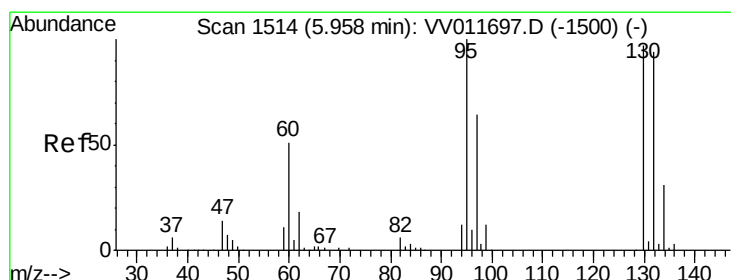
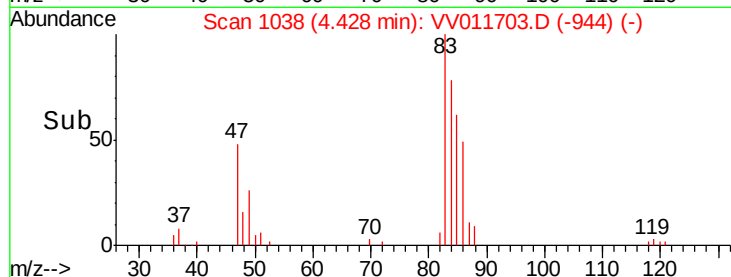
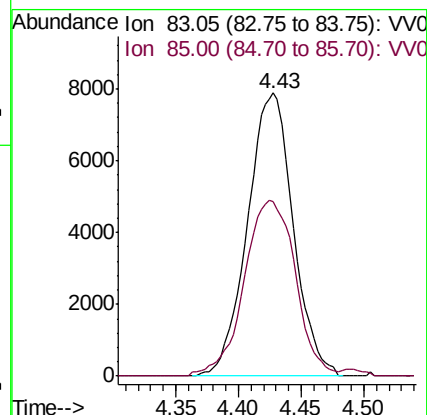
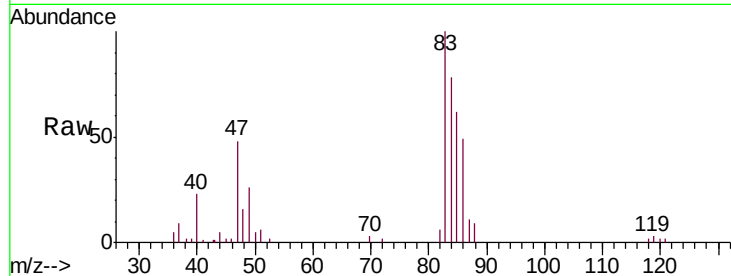




#25
Chloroform
Concen: 0.793 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. 0.00 min
Lab File: VV011703.D
Acq: 22 Jun 2019 00:03

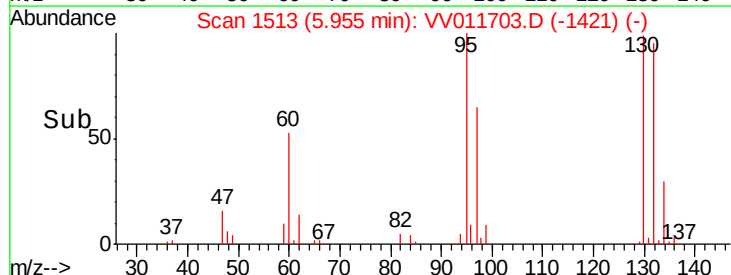
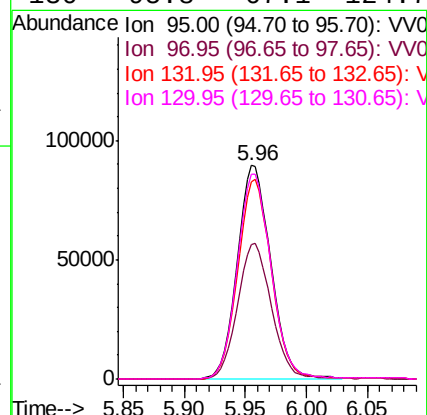
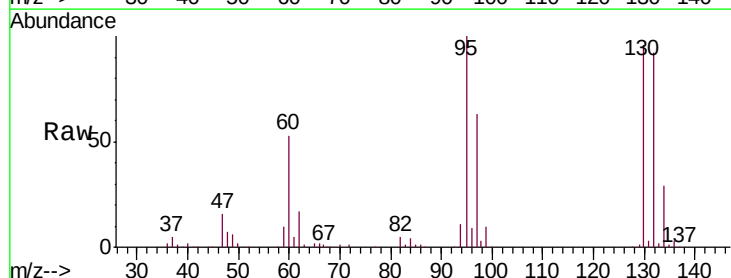
Instrument :
MSVOA_V
ClientSampleId :
BFCN3

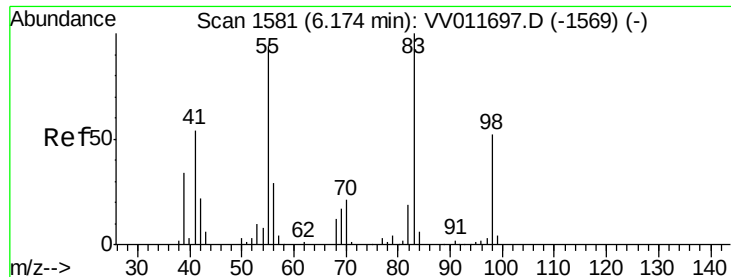
Tgt Ion: 83 Resp: 19969
Ion Ratio Lower Upper
83 100
85 61.6 47.0 87.2



#34
Trichloroethene
Concen: 12.925 ug/L
RT: 5.96 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VV011703.D
Acq: 22 Jun 2019 00:03

Tgt Ion: 95 Resp: 170834
Ion Ratio Lower Upper
95 100
97 63.1 44.4 82.5
132 92.3 65.0 120.6
130 95.8 67.1 124.7

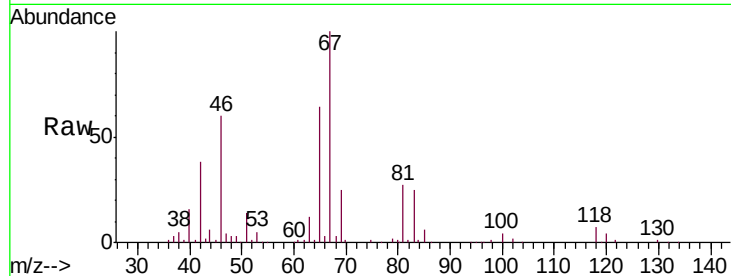




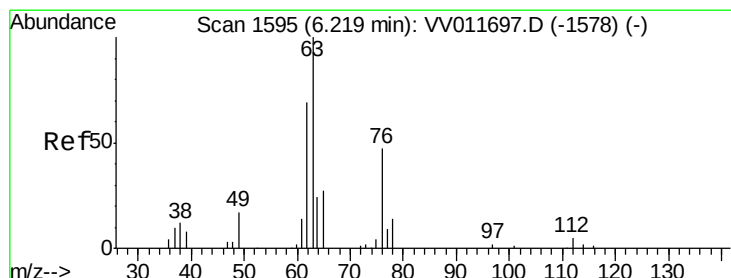
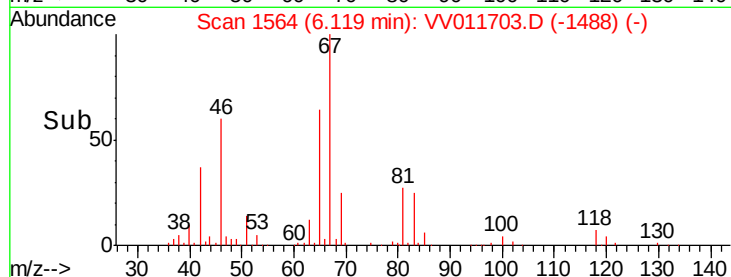
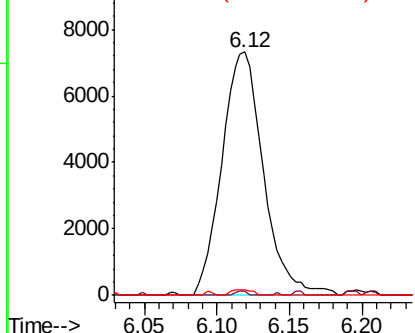
#35
Methylcyclohexane
Concen: 0.681 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.05 min
Lab File: VV011703.D
Acq: 22 Jun 2019 00:03

Instrument :
MSVOA_V
ClientSampleId :
BFCN3

Tgt Ion: 83 Resp: 14529
Ion Ratio Lower Upper
83 100
55 0.5 69.4 104.2#
98 1.2 40.2 60.4#

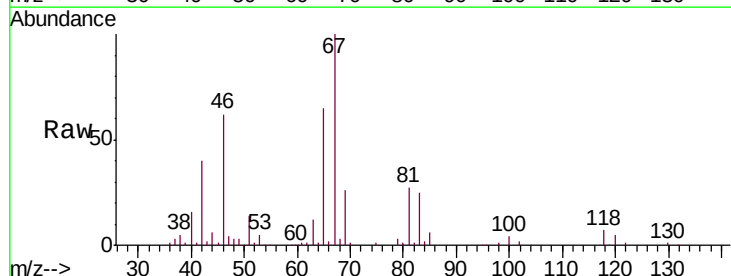


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

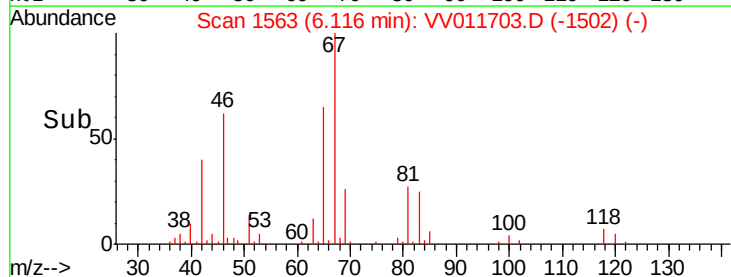
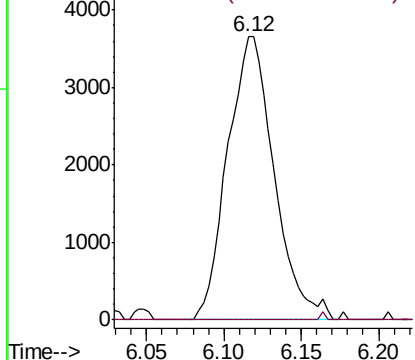


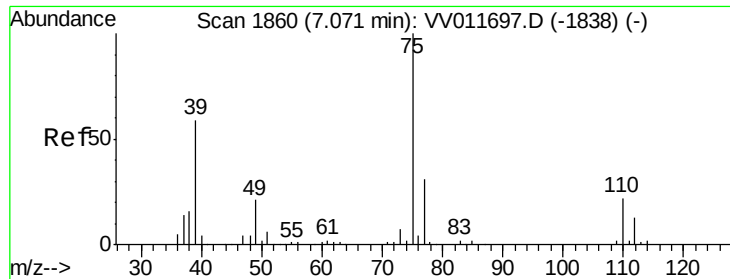
#37
1,2-Dichloropropane
Concen: 0.606 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV011703.D
Acq: 22 Jun 2019 00:03

Tgt Ion: 63 Resp: 7671
Ion Ratio Lower Upper
63 100
112 0.3 3.4 5.2#



Abundance Ion 63.10 (62.80 to 63.80): VV0
Ion 112.10 (111.80 to 112.80): V

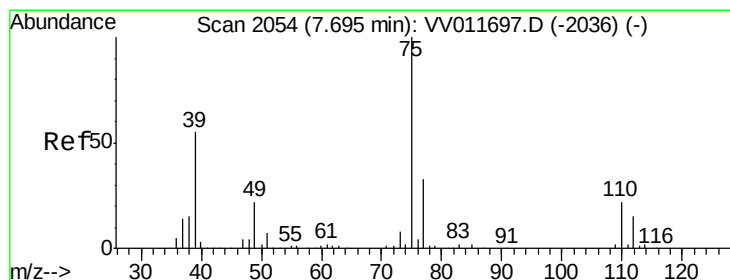
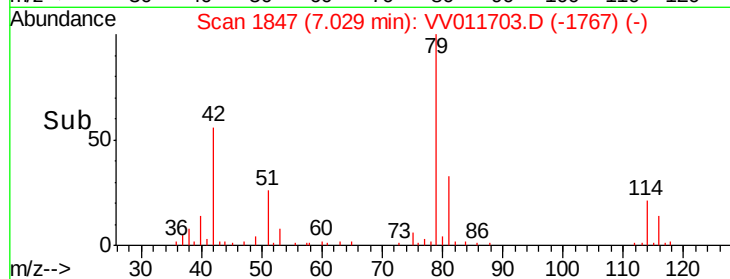
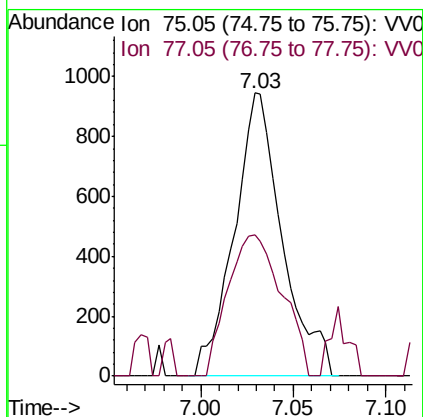
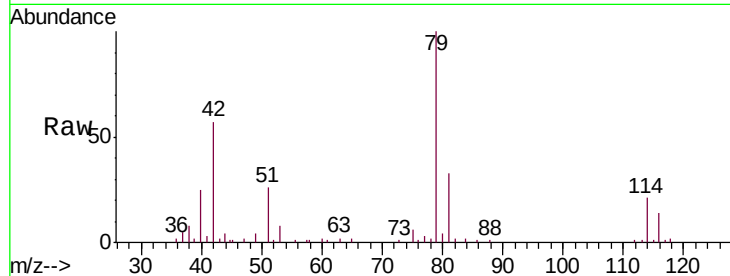




#39
 cis-1,3-Dichloropropene
 Concen: 0.103 ug/L
 RT: 7.03 min Scan# 1847
 Delta R.T. -0.04 min
 Lab File: VV011703.D
 Acq: 22 Jun 2019 00:03

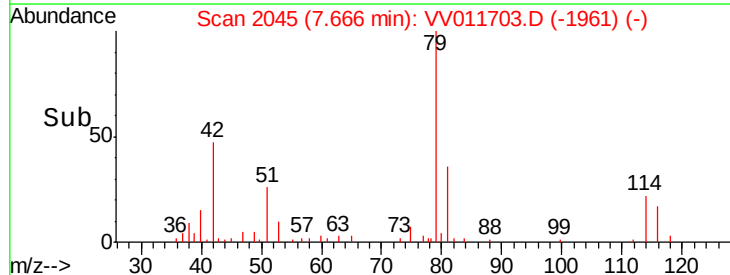
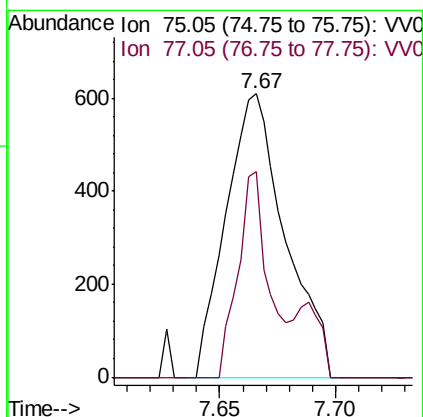
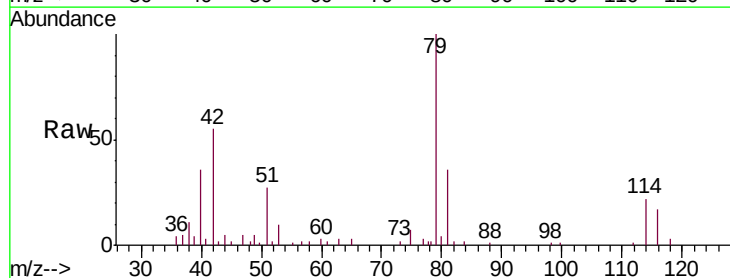
Instrument :
 MSVOA_V
 ClientSampled :
 BFCN3

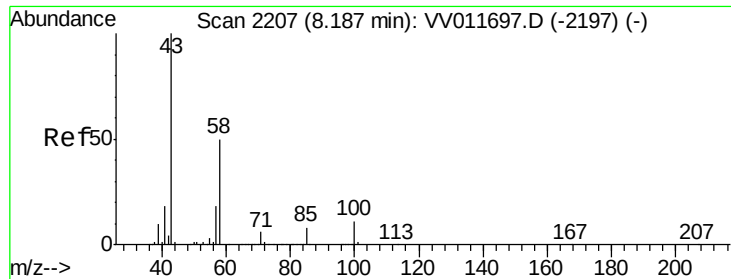
Tgt Ion: 75 Resp: 1709
 Ion Ratio Lower Upper
 75 100
 77 49.7 22.4 41.6#



#44
 trans-1,3-Dichloropropene
 Concen: 0.088 ug/L
 RT: 7.67 min Scan# 2045
 Delta R.T. -0.03 min
 Lab File: VV011703.D
 Acq: 22 Jun 2019 00:03

Tgt Ion: 75 Resp: 1081
 Ion Ratio Lower Upper
 75 100
 77 72.5 22.7 42.1#





#48
 2-Hexanone
 Concen: 2.991 ug/L
 RT: 8.14 min Scan# 2192
 Delta R.T. -0.05 min
 Lab File: VV011703.D
 Acq: 22 Jun 2019 00:03

Instrument :
 MSVOA_V
 ClientSampleId :
 BFCN3

Tgt Ion:	43	Resp:	16691
Ion	Ratio	Lower	Upper
43	100		
58	27.7	40.1	60.1#
57	24.7	14.4	21.6#
100	1.1	8.6	12.8#

