

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062520\
 Data File : VV017139.D
 Acq On : 25 Jun 2020 19:59
 Operator : SY/MD
 Sample : L3106-09
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFXN1

Quant Time: Jun 26 01:38:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jun 26 01:31:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	169552	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	167511	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	77873	5.00	ug/L	0.00

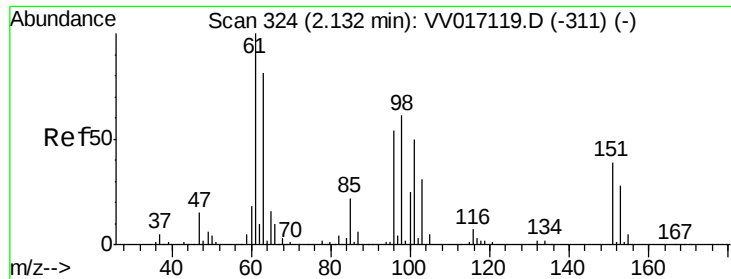
System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	49502	4.86	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.20%
7) Chloroethane-d5	1.58	69	38135	5.15	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.00%
11) 1,1-Dichloroethene-d2	2.12	63	73311	3.79	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.80%
20) 2-Butanone-d5	3.95	46	113040	43.59	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	87.18%
24) Chloroform-d	4.38	84	107328	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.60%
26) 1,2-Dichloroethane-d4	5.06	65	56165	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.40%
32) Benzene-d6	5.08	84	197775	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.00%
36) 1,2-Dichloropropane-d6	6.09	67	57016	4.38	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.60%
41) Toluene-d8	7.34	98	169351	4.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.00%
45) trans-1,3-Dichloropropene-	7.65	79	21866	4.04	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.80%
48) 2-Hexanone-d5	8.11	63	85383	41.36	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.72%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	38269	4.43	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.60%
65) 1,2-Dichlorobenzene-d4	11.65	152	68796	4.78	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.60%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	811	0.090	ug/L #	22
12) 1,1-Dichloroethene	2.13	96	2001	0.246	ug/L #	1
13) Acetone	2.23	43	13598	10.372	ug/L	59
19) 1,1-Dichloroethane	3.21	63	22955	1.185	ug/L	99
21) 2-Butanone	4.11	43	764722	309.431	ug/L #	50
22) cis-1,2-Dichloroethene	3.94	96	12502	1.060	ug/L #	84
25) Chloroform	4.41	83	48267	2.281	ug/L	96
29) 1,1,1-Trichloroethane	4.64	97	8695	0.433	ug/L	97
30) Cyclohexane	4.70	56	9015	0.472	ug/L	90
34) Trichloroethene	5.94	95	1951	0.152	ug/L #	84
35) Methylcyclohexane	6.09	83	16186	0.811	ug/L #	18
37) 1,2-Dichloropropane	6.10	63	7652	0.705	ug/L #	87
47) 1,1,2-Trichloroethane	7.86	97	1264	0.164	ug/L	89

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



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.090 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV017139.D

Acq: 25 Jun 2020 19:59

Instrument :

MSVOA_V

ClientSampled :

BFXN1

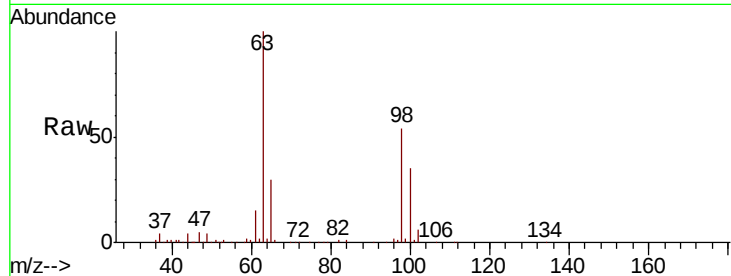
Tot Ion:101 Resp: 811

Ion Ratio Lower Upper

101 100

85 8.6 35.4 53.2#

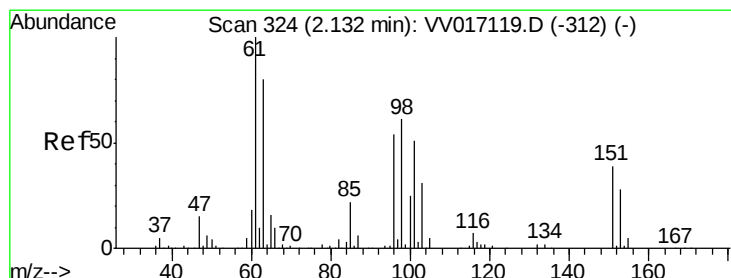
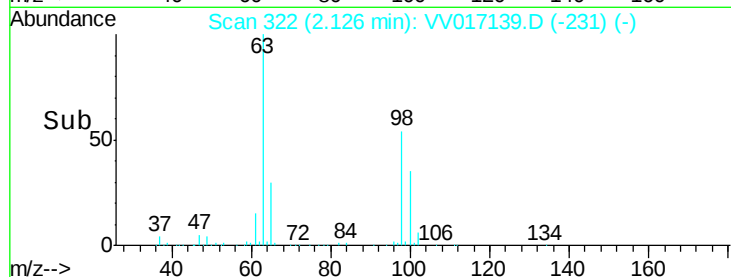
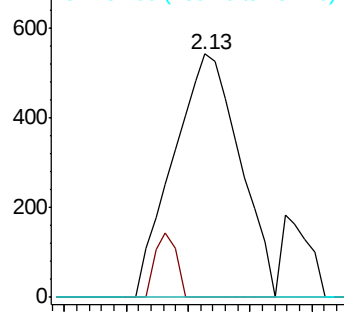
151 0.0 63.9 95.9#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 0.246 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.00 min

Lab File: VV017139.D

Acq: 25 Jun 2020 19:59

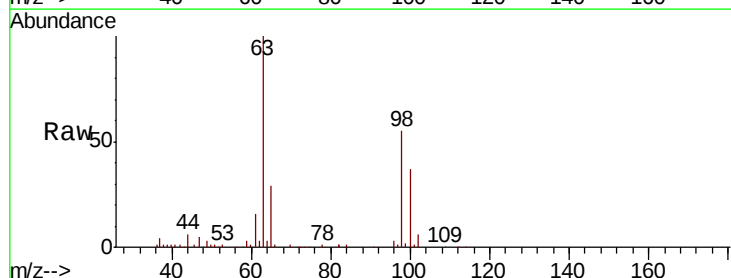
Tgt Ion: 96 Resp: 2001

Ion Ratio Lower Upper

96 100

61 488.2 125.0 232.2#

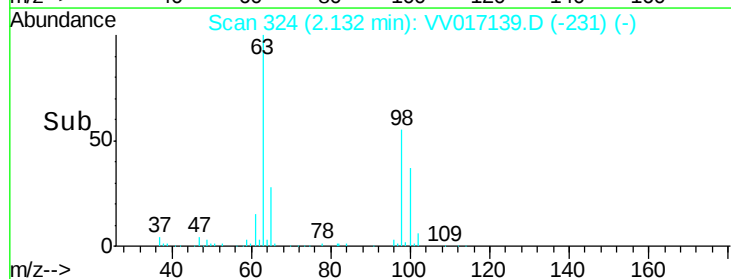
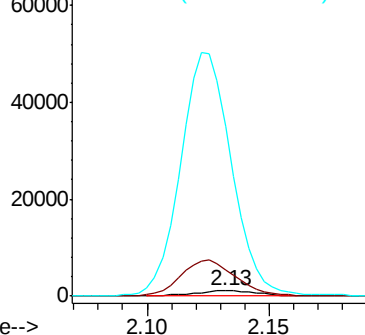
63 3111.2 109.8 203.8#

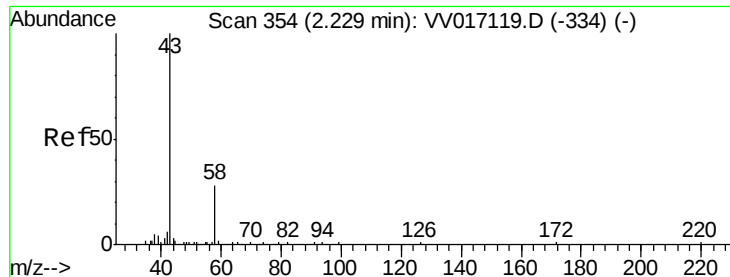


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0





#13

Acetone

Concen: 10.372 ug/L

RT: 2.23 min Scan# 353

Delta R.T. -0.00 min

Lab File: VV017139.D

Acq: 25 Jun 2020 19:59

Instrument :

MSVOA_V

ClientSampleId :

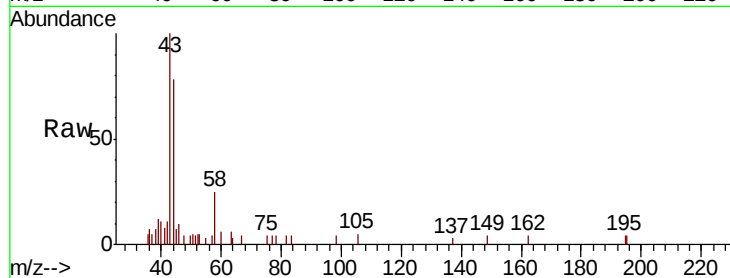
BFXN1

Tot Ion: 43 Resp: 13598

Ion Ratio Lower Upper

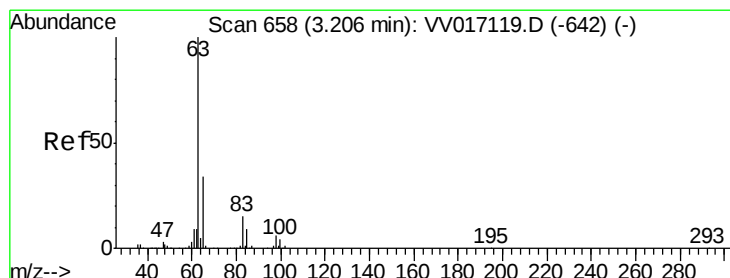
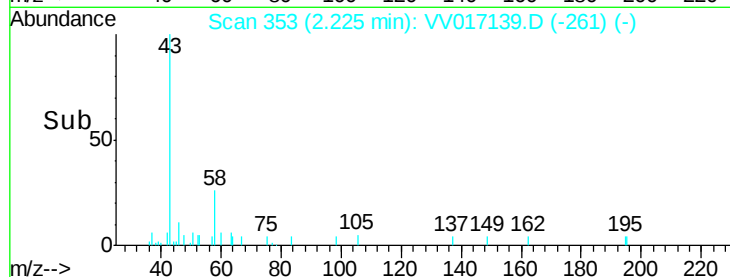
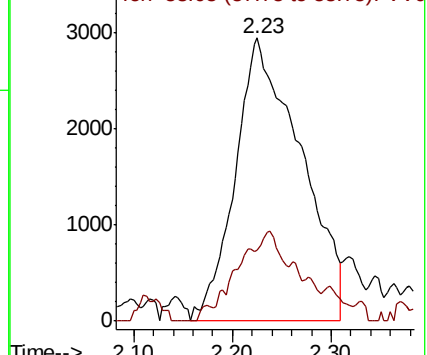
43 100

58 7.1 0.0 58.4



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0



#19

1,1-Dichloroethane

Concen: 1.185 ug/L

RT: 3.21 min Scan# 660

Delta R.T. 0.01 min

Lab File: VV017139.D

Acq: 25 Jun 2020 19:59

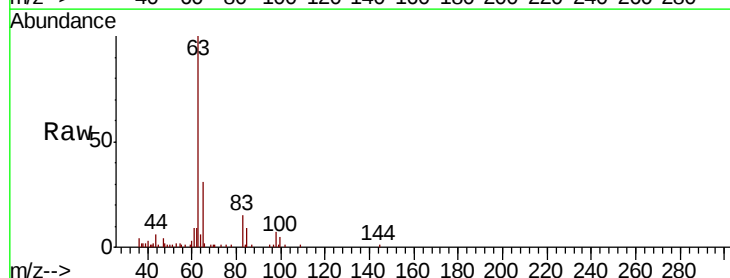
Tgt Ion: 63 Resp: 22955

Ion Ratio Lower Upper

63 100

65 30.9 21.8 40.4

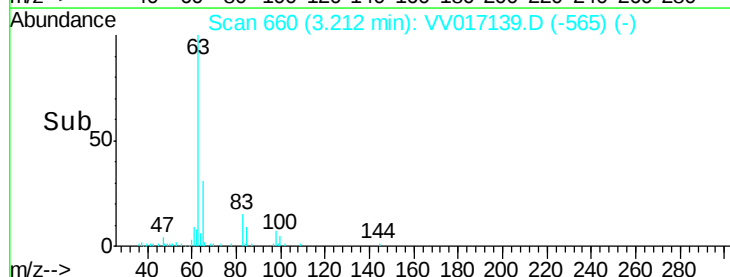
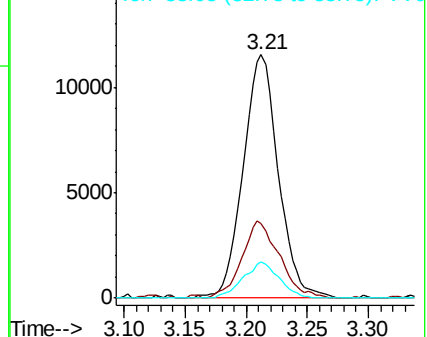
83 14.8 9.7 17.9

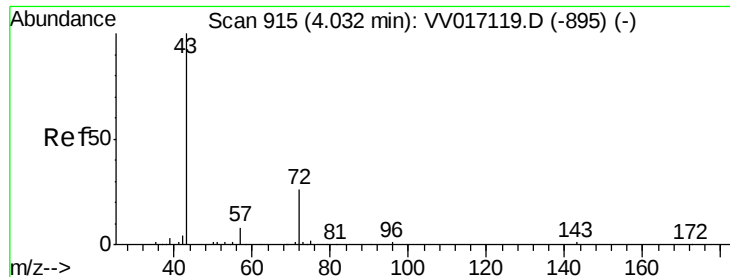


Abundance Ion 63.10 (62.80 to 63.80): VV0

Ion 65.10 (64.80 to 65.80): VV0

Ion 83.05 (82.75 to 83.75): VV0





#21

2-Butanone

Concen: 309.431 ug/L

RT: 4.11 min Scan# 939

Delta R.T. 0.08 min

Lab File: VV017139.D

Acq: 25 Jun 2020 19:59

Instrument :

MSVOA_V

ClientSampled :

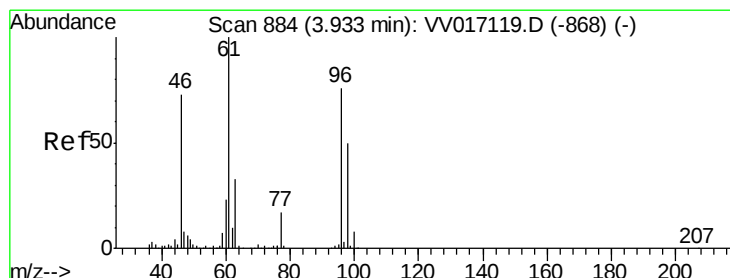
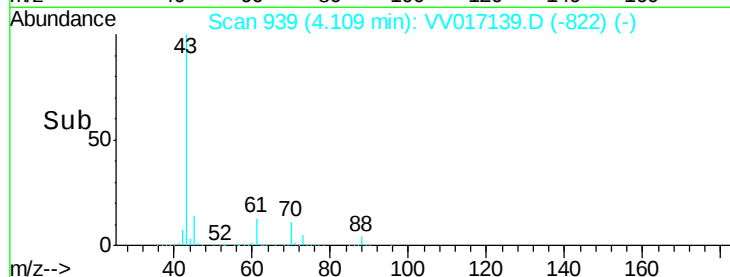
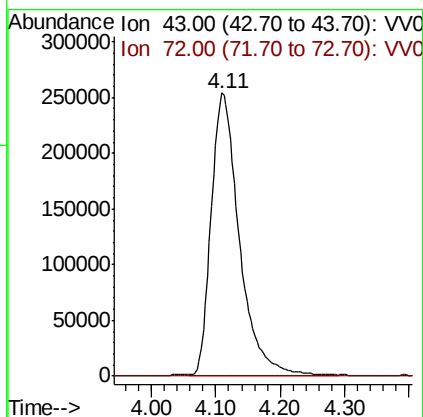
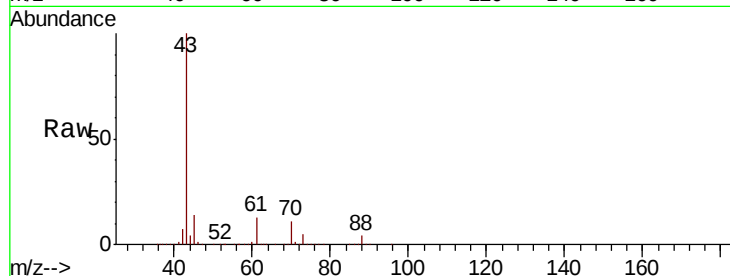
BFXN1

Tot Ion: 43 Resp: 764722

Ion Ratio Lower Upper

43 100

72 0.1 12.4 37.4#



#22

cis-1,2-Dichloroethene

Concen: 1.060 ug/L

RT: 3.94 min Scan# 887

Delta R.T. 0.01 min

Lab File: VV017139.D

Acq: 25 Jun 2020 19:59

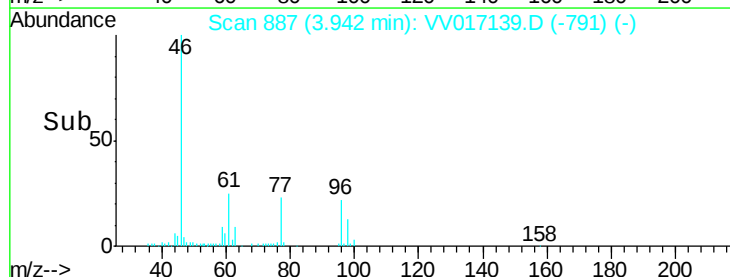
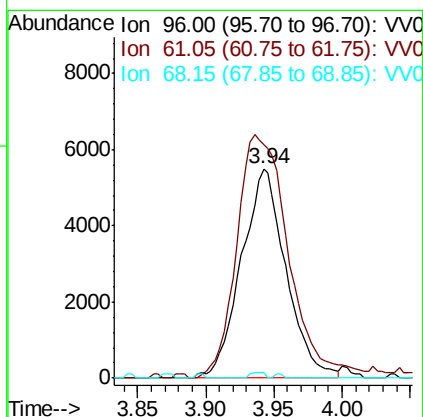
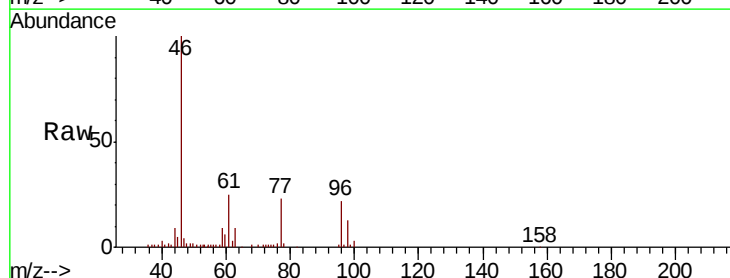
Tgt Ion: 96 Resp: 12502

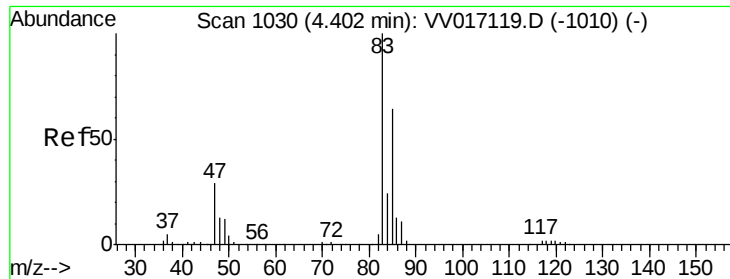
Ion Ratio Lower Upper

96 100

61 111.4 91.0 169.0

68 2.5 0.0 0.0#





#25

Chloroform

Concen: 2.281 ug/L

RT: 4.41 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VV017139.D

Acq: 25 Jun 2020 19:59

Instrument :

MSVOA_V

ClientSampleId :

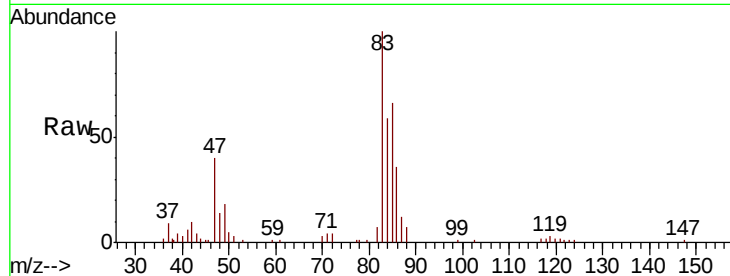
BFXN1

Tot Ion: 83 Resp: 48267

Ion Ratio Lower Upper

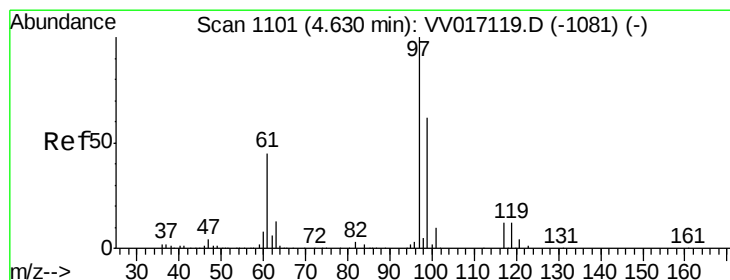
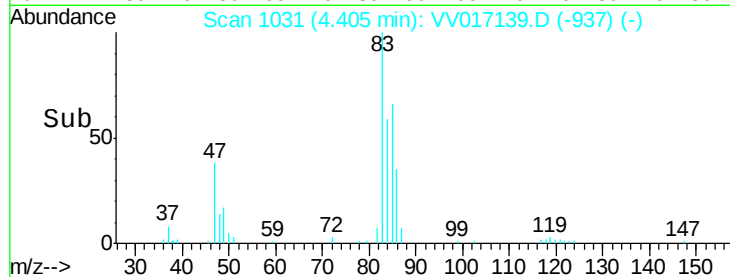
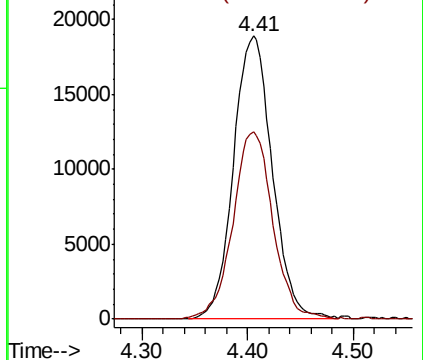
83 100

85 66.2 44.2 82.2



Abundance Ion 83.05 (82.75 to 83.75): VV0

Ion 85.00 (84.70 to 85.70): VV0



#29

1,1,1-Trichloroethane

Concen: 0.433 ug/L

RT: 4.64 min Scan# 1104

Delta R.T. 0.01 min

Lab File: VV017139.D

Acq: 25 Jun 2020 19:59

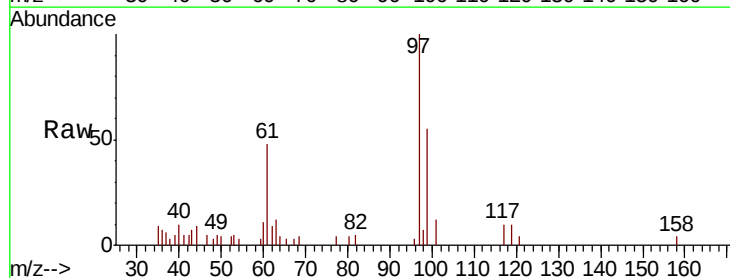
Tgt Ion: 97 Resp: 8695

Ion Ratio Lower Upper

97 100

99 59.3 50.3 75.5

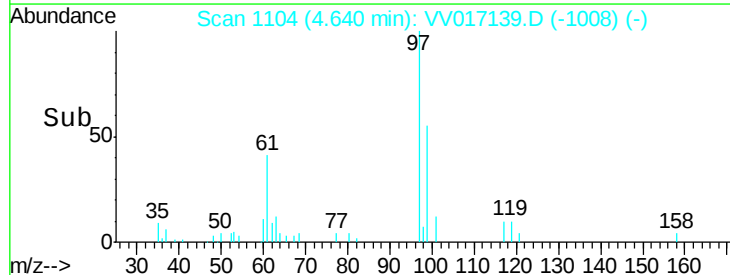
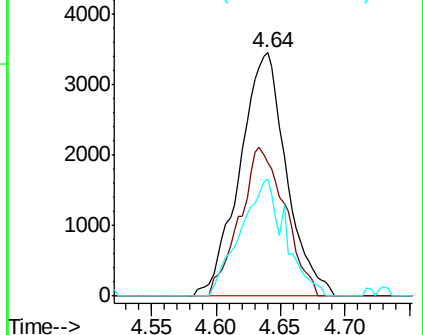
61 46.0 36.0 54.0

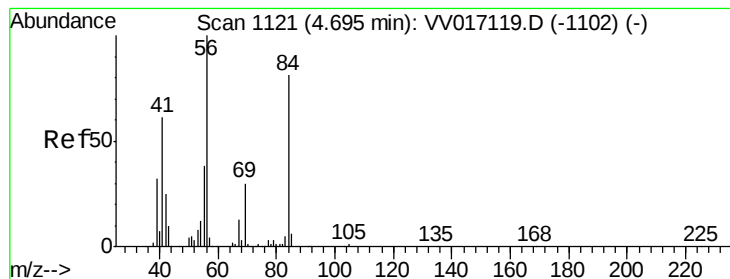


Abundance Ion 96.95 (96.65 to 97.65): VV0

Ion 99.05 (98.75 to 99.75): VV0

Ion 61.05 (60.75 to 61.75): VV0





#30

Cyclohexane

Concen: 0.472 ug/L

RT: 4.70 min Scan# 1124

Delta R.T. 0.01 min

Lab File: VV017139.D

Acq: 25 Jun 2020 19:59

Instrument :

MSVOA_V

ClientSampleId :

BFXN1

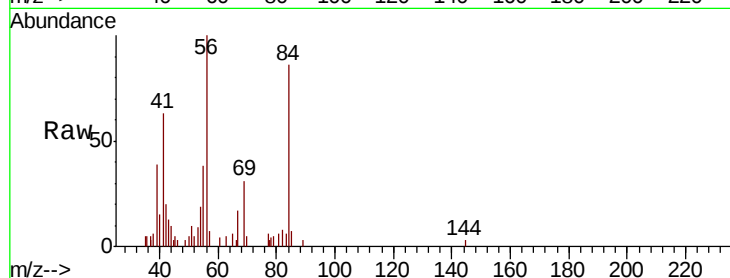
Tot Ion: 56 Resp: 9015

Ion Ratio Lower Upper

56 100

69 29.3 24.4 36.6

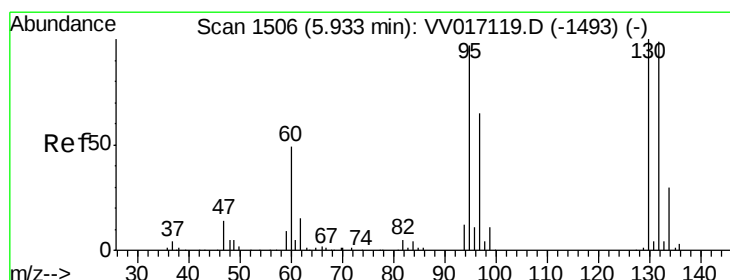
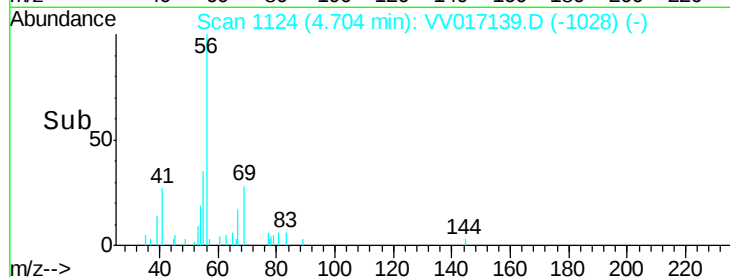
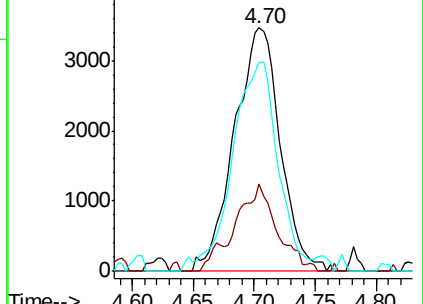
84 75.7 69.9 104.9



Abundance Ion 56.10 (55.80 to 56.80): VV017119.D (-1102) (-)

Ion 69.15 (68.85 to 69.85): VV017119.D (-1102) (-)

Ion 84.15 (83.85 to 84.85): VV017119.D (-1102) (-)



#34

Trichloroethene

Concen: 0.152 ug/L

RT: 5.94 min Scan# 1509

Delta R.T. 0.01 min

Lab File: VV017139.D

Acq: 25 Jun 2020 19:59

Tgt Ion: 95 Resp: 1951

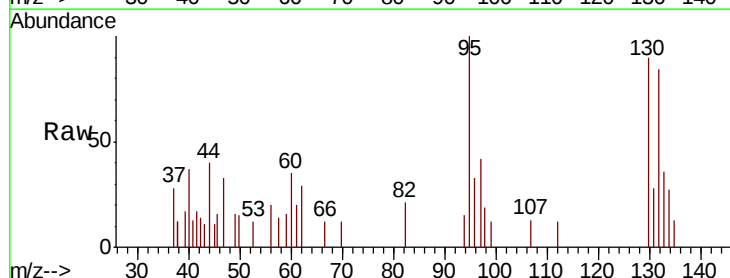
Ion Ratio Lower Upper

95 100

97 42.4 45.3 84.1#

132 83.7 68.8 127.8

130 90.0 70.2 130.4

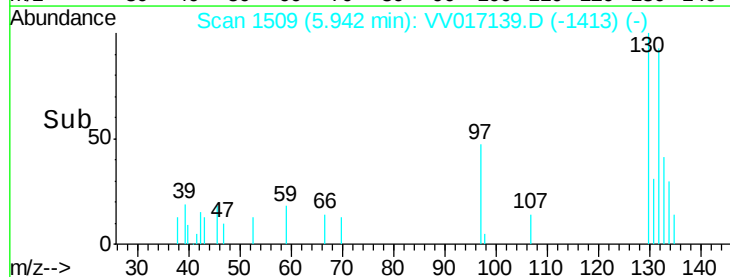
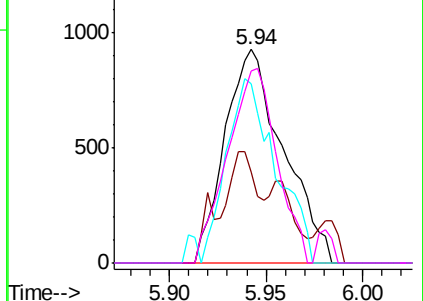


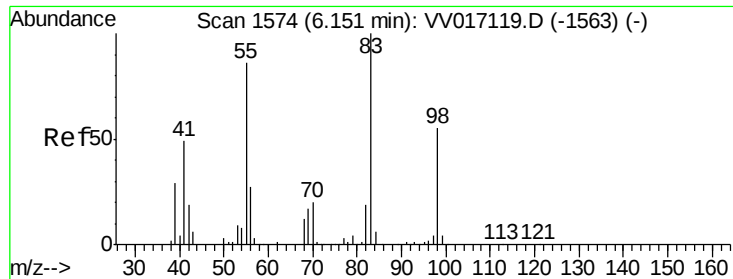
Abundance Ion 95.00 (94.70 to 95.70): VV017119.D (-1493) (-)

Ion 96.95 (96.65 to 97.65): VV017119.D (-1493) (-)

Ion 131.95 (131.65 to 132.65): VV017119.D (-1493) (-)

Ion 129.95 (129.65 to 130.65): VV017119.D (-1493) (-)

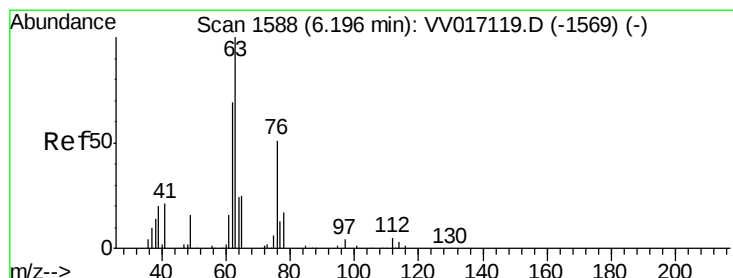
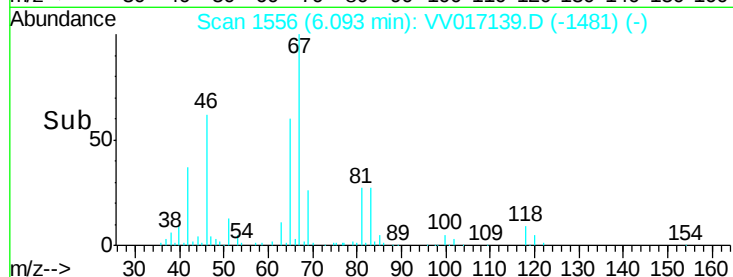
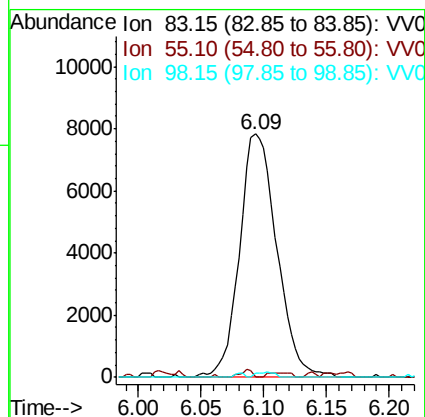
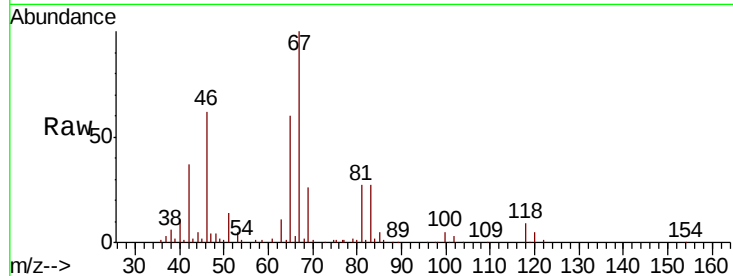




#35
Methvlcvclohexane
Concen: 0.811 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.06 min
Lab File: VV017139.D
Acq: 25 Jun 2020 19:59

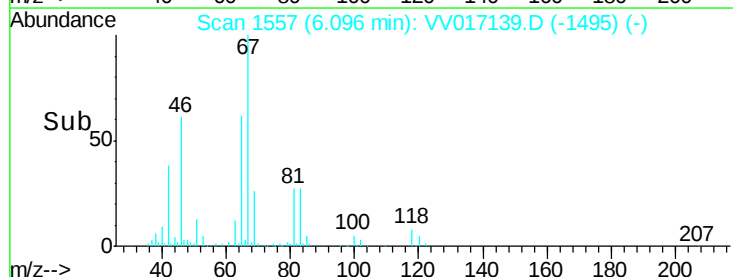
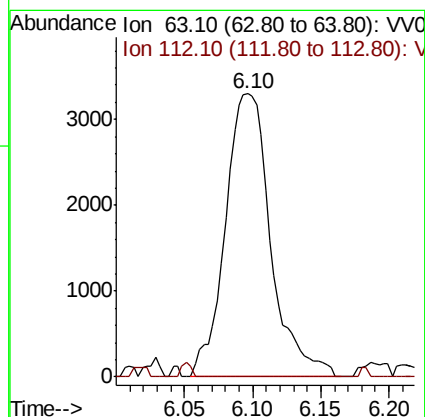
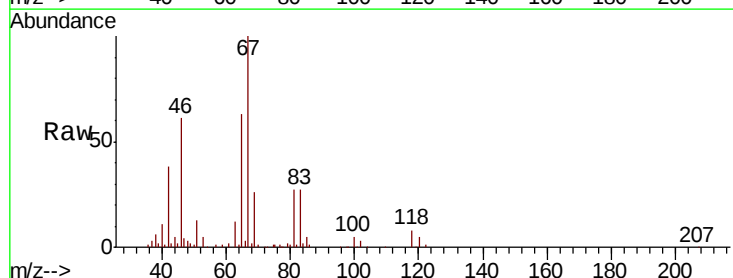
Instrument :
MSVOA_V
ClientSampleId :
BFXN1

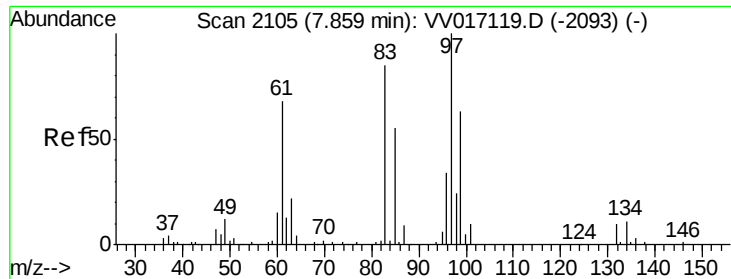
Tot Ion: 83 Resp: 16186
Ion Ratio Lower Upper
83 100
55 1.0 63.6 95.4#
98 0.4 38.8 58.2#



#37
1,2-Dichloropropane
Concen: 0.705 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.10 min
Lab File: VV017139.D
Acq: 25 Jun 2020 19:59

Tgt Ion: 63 Resp: 7652
Ion Ratio Lower Upper
63 100
112 1.1 4.4 6.6#





#47
 1,1,2-Trichloroethane
 Concen: 0.164 ug/L
 RT: 7.86 min Scan# 2107
 Delta R.T. 0.01 min
 Lab File: VV017139.D
 Acq: 25 Jun 2020 19:59

Instrument :
 MSVOA_V
 ClientSampleId :
 BFXN1

Tot Ion:	97	Resp:	1264
Ion	Ratio	Lower	Upper
97	100		
99	57.2	43.6	81.0
83	74.2	57.4	106.6
85	68.1	38.8	72.0

