

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062520\
 Data File : VV017148.D
 Acq On : 26 Jun 2020 00:23
 Operator : SY/MD
 Sample : L3106-16
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFXN8

Quant Time: Jun 26 05:14:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jun 26 05:12:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	166447	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	161887	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	71620	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	49802	4.98	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.60%
7) Chloroethane-d5	1.58	69	40187	5.53	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	110.60%
11) 1,1-Dichloroethene-d2	2.13	63	70509	3.71	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.20%
20) 2-Butanone-d5	3.93	46	116023	45.57	ug/L	-0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.14%
24) Chloroform-d	4.38	84	103677	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.00%
26) 1,2-Dichloroethane-d4	5.06	65	56457	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.60%
32) Benzene-d6	5.08	84	195847	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.20%
36) 1,2-Dichloropropane-d6	6.10	67	56555	4.50	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.00%
41) Toluene-d8	7.34	98	167593	4.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.00%
45) trans-1,3-Dichloropropene-	7.64	79	20945	4.00	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.00%
48) 2-Hexanone-d5	8.11	63	79529	39.86	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	79.72%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	38425	4.60	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.00%
65) 1,2-Dichlorobenzene-d4	11.65	152	67574	5.10	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.00%

Target Compounds

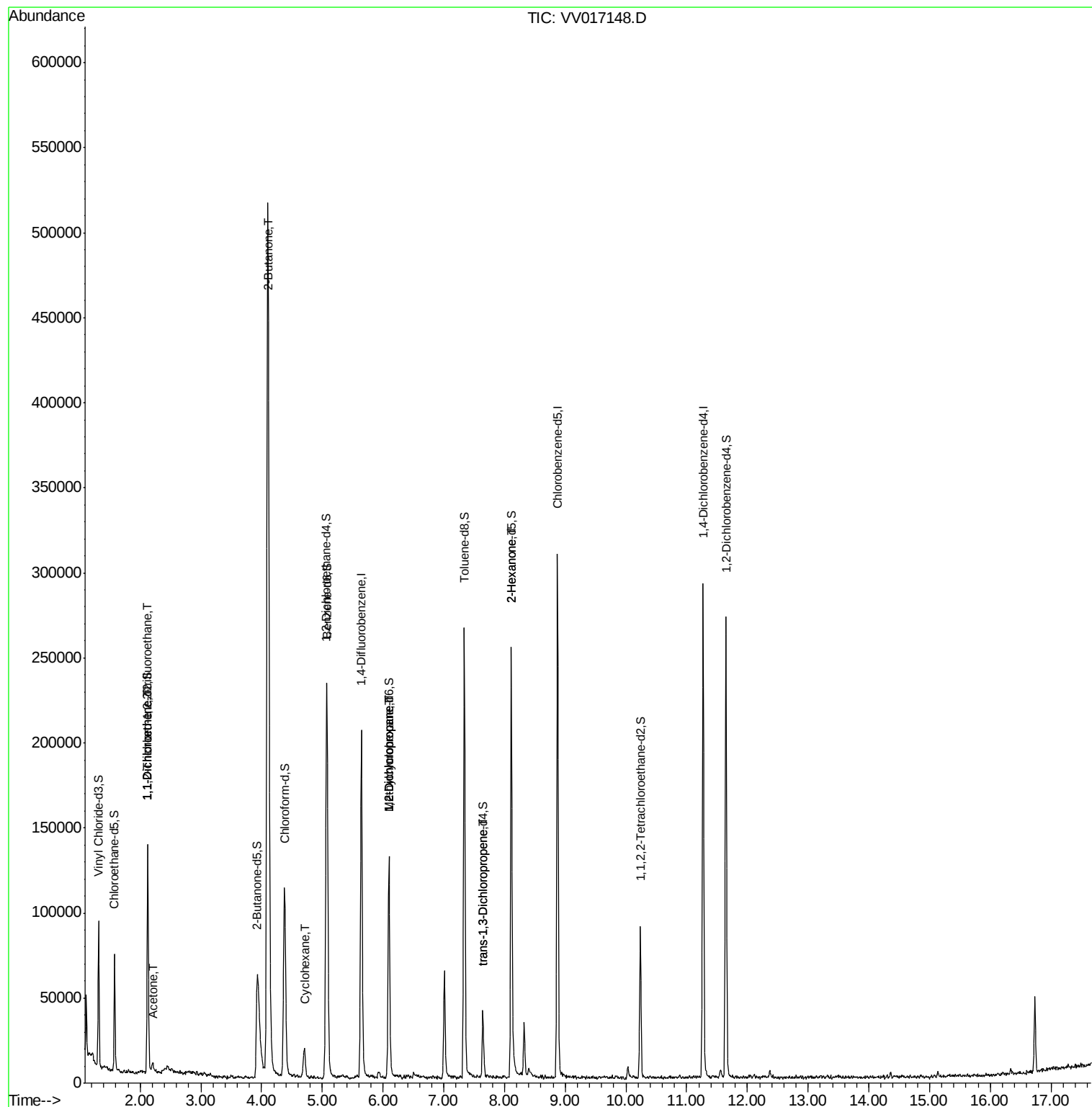
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	859	0.097	ug/L #	20
12) 1,1-Dichloroethene	2.13	96	728	0.091	ug/L #	1
13) Acetone	2.21	43	9090	7.063	ug/L	69
21) 2-Butanone	4.10	43	833529	343.564	ug/L #	50
30) Cyclohexane	4.71	56	7941	0.430	ug/L	94
35) Methylcyclohexane	6.10	83	14932	0.774	ug/L #	18
37) 1,2-Dichloropropane	6.09	63	7350	0.700	ug/L #	86
46) trans-1,3-Dichloropropene	7.64	75	1160	0.086	ug/L	92
50) 2-Hexanone	8.11	43	10811	2.507	ug/L #	75

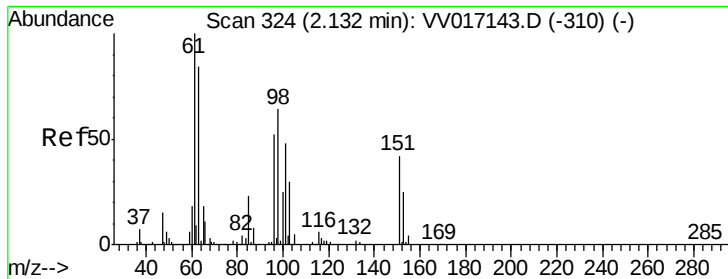
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV062520\
Data File : VV017148.D
Acq On : 26 Jun 2020 00:23
Operator : SY/MD
Sample : L3106-16
Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFXN8

Quant Time: Jun 26 05:14:29 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jun 26 05:12:03 2020
Response via : Initial Calibration





#10

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

Concen: 0.097 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.00 min

Lab File: VV017148.D

Acq: 26 Jun 2020 00:23

Instrument :

MSVOA_V

ClientSampleId :

BFXN8

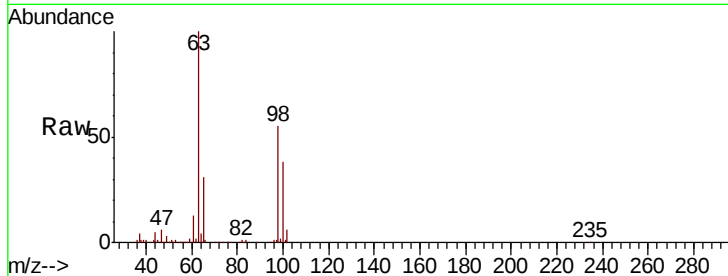
Tot Ion:101 Resp: 859

Ion Ratio Lower Upper

101 100

85 5.7 35.4 53.2#

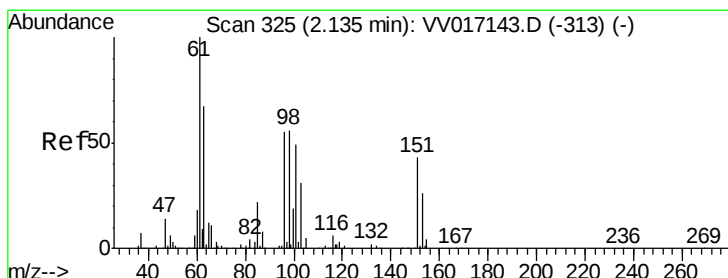
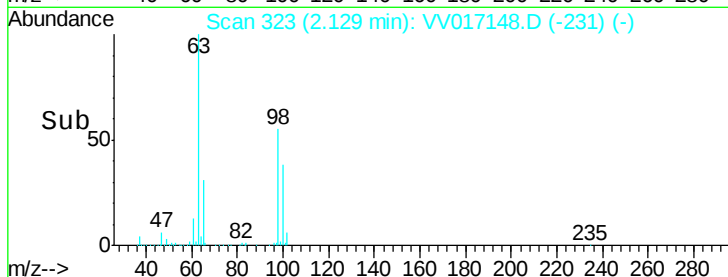
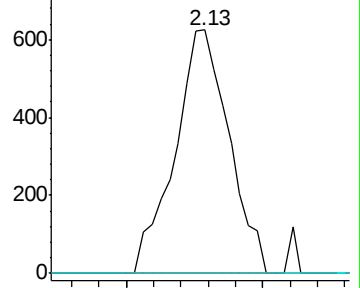
151 0.0 63.9 95.9#



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: 0.091 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV017148.D

Acq: 26 Jun 2020 00:23

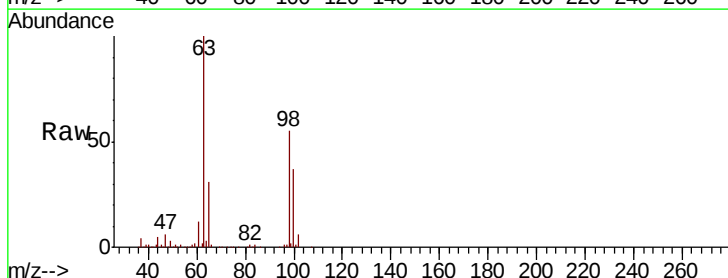
Tgt Ion: 96 Resp: 728

Ion Ratio Lower Upper

96 100

61 1420.0 125.0 232.2#

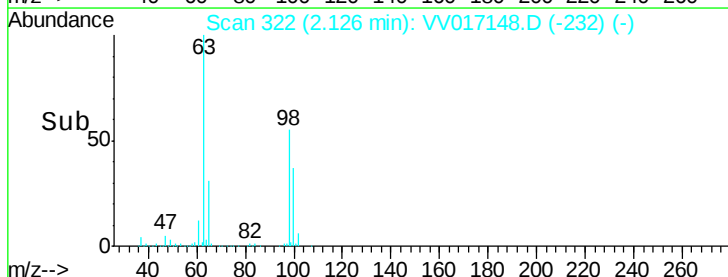
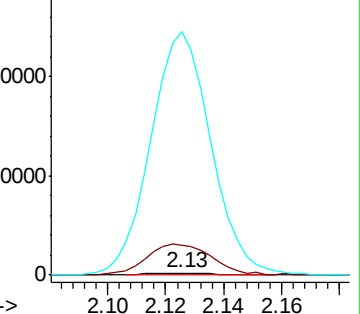
63 11404.7 109.8 203.8#

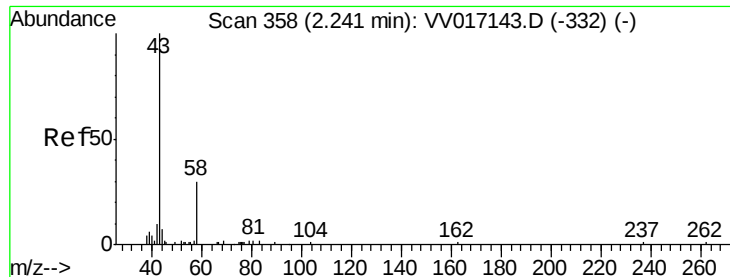


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0





#13

Acetone

Concen: 7.063 ug/L

RT: 2.21 min Scan# 348

Delta R.T. -0.03 min

Lab File: VV017148.D

Acq: 26 Jun 2020 00:23

Instrument :

MSVOA_V

ClientSampleId :

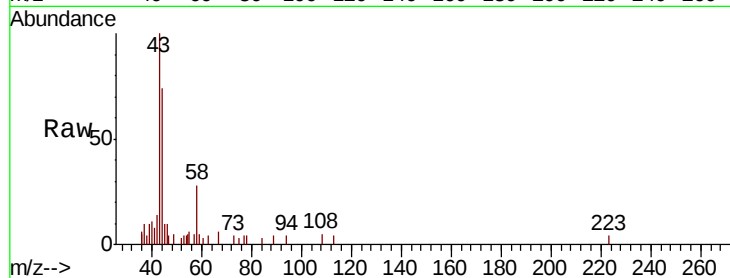
BFXN8

Tot Ion: 43 Resp: 9090

Ion Ratio Lower Upper

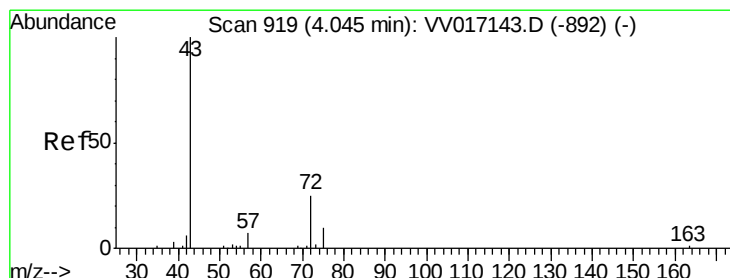
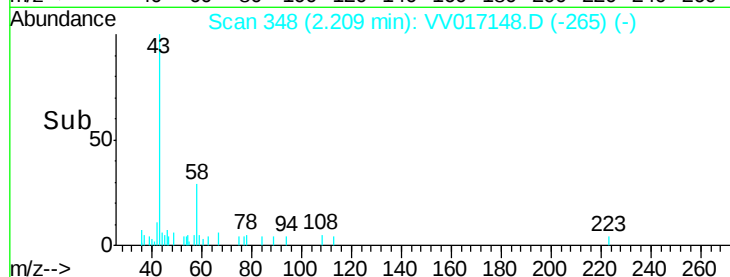
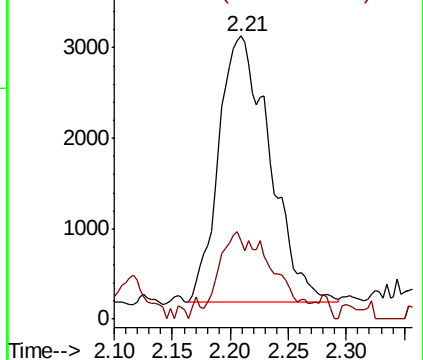
43 100

58 12.8 0.0 58.4



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0



#21

2-Butanone

Concen: 343.564 ug/L

RT: 4.10 min Scan# 937

Delta R.T. 0.06 min

Lab File: VV017148.D

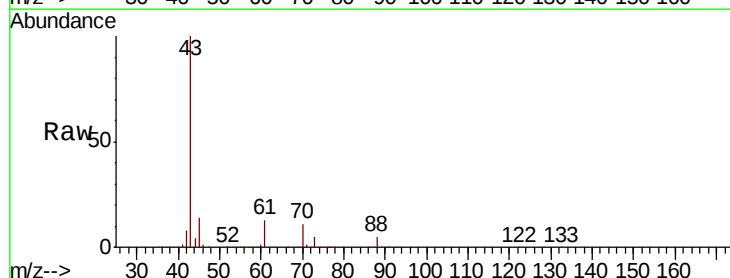
Acq: 26 Jun 2020 00:23

Tgt Ion: 43 Resp: 833529

Ion Ratio Lower Upper

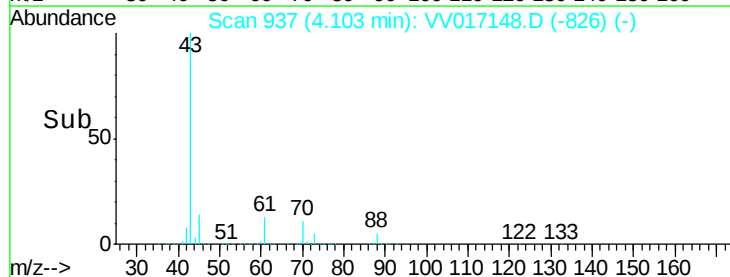
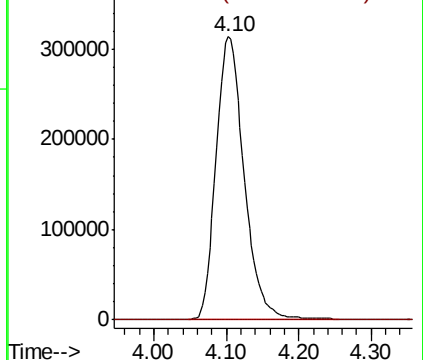
43 100

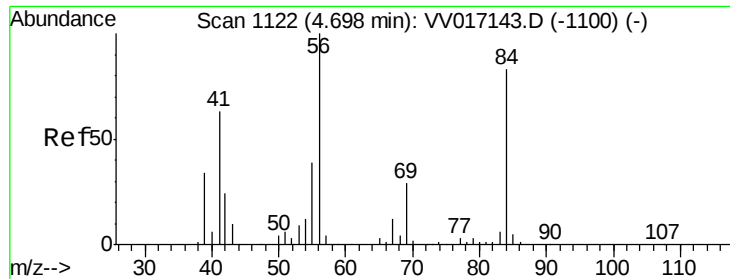
72 0.0 12.4 37.4#



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 72.00 (71.70 to 72.70): VV0

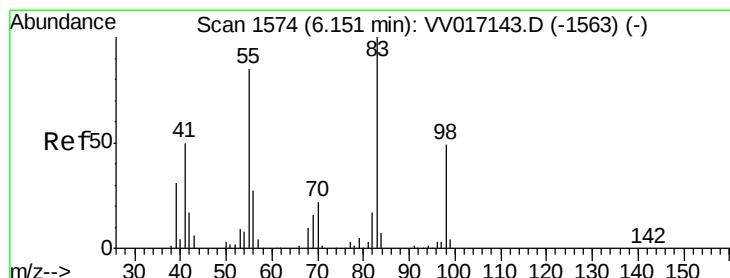
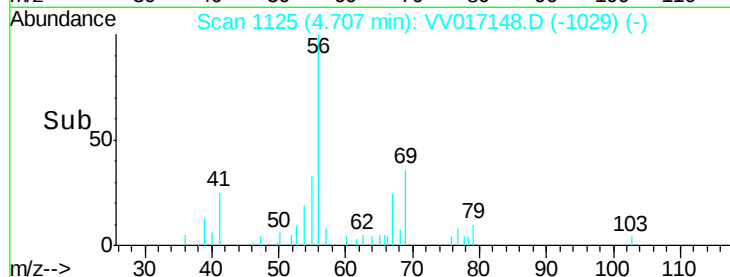
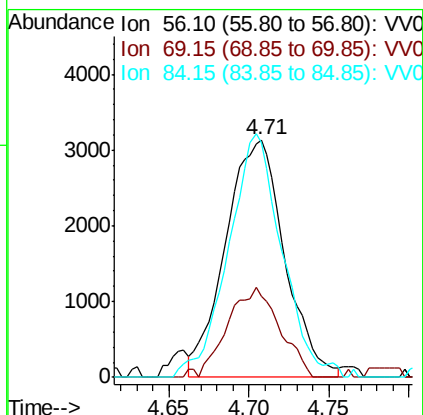
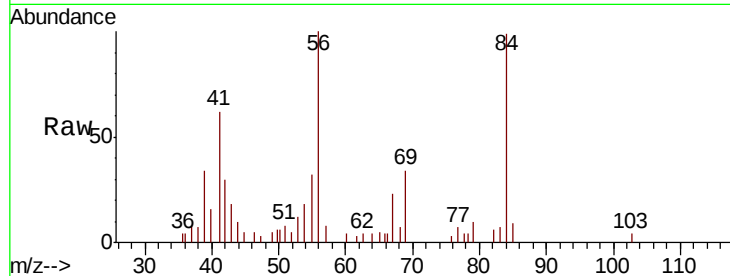




#30
Cyclohexane
Concen: 0.430 ug/L
RT: 4.71 min Scan# 1125
Delta R.T. 0.01 min
Lab File: VV017148.D
Acq: 26 Jun 2020 00:23

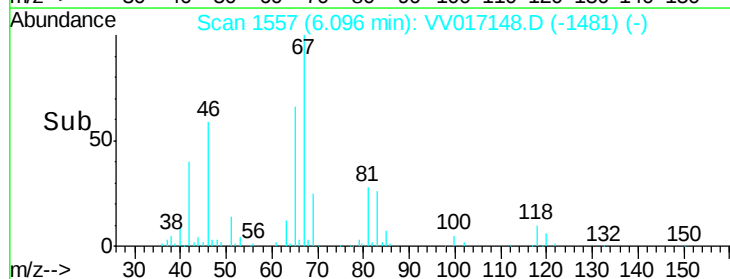
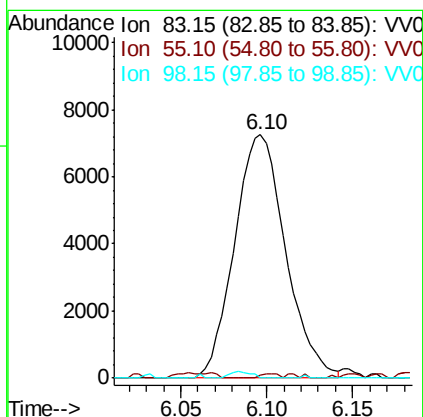
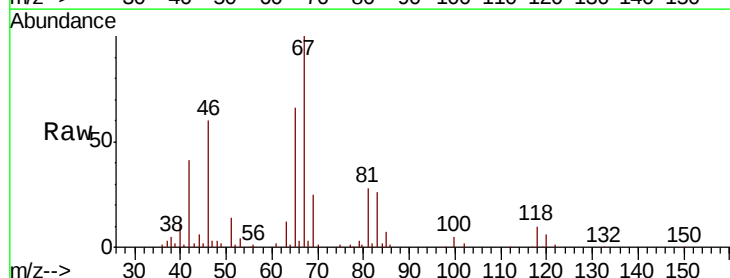
Instrument :
MSVOA_V
ClientSampleId :
BFXN8

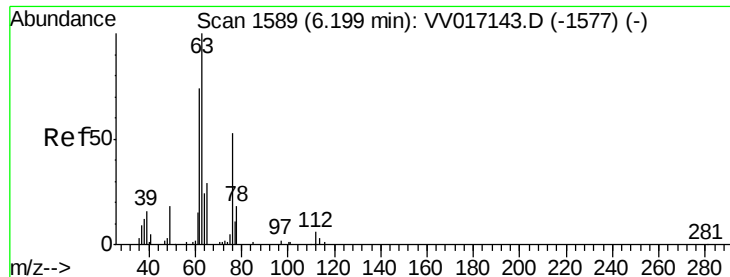
Tot Ion: 56 Resp: 7941
Ion Ratio Lower Upper
56 100
69 33.6 24.4 36.6
84 92.8 69.9 104.9



#35
Methylcyclohexane
Concen: 0.774 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.05 min
Lab File: VV017148.D
Acq: 26 Jun 2020 00:23

Tgt Ion: 83 Resp: 14932
Ion Ratio Lower Upper
83 100
55 0.6 63.6 95.4#
98 1.1 38.8 58.2#

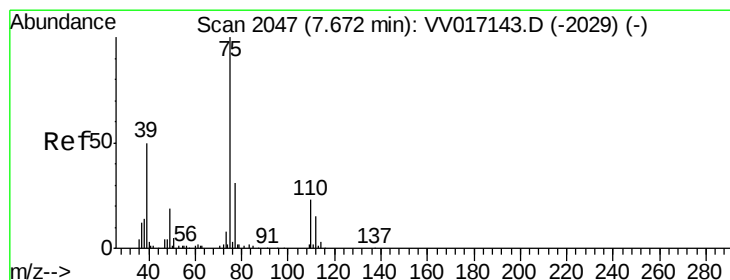
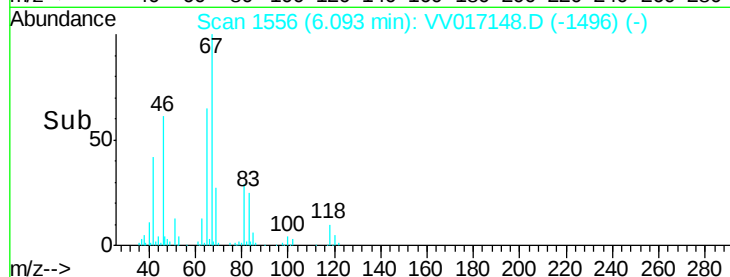
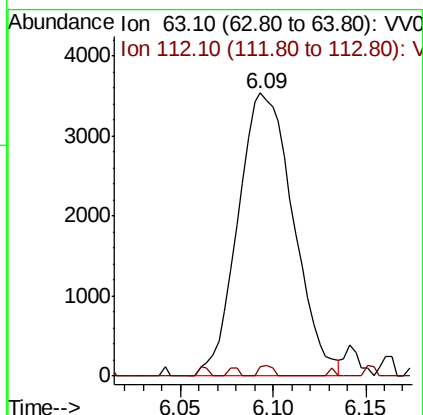
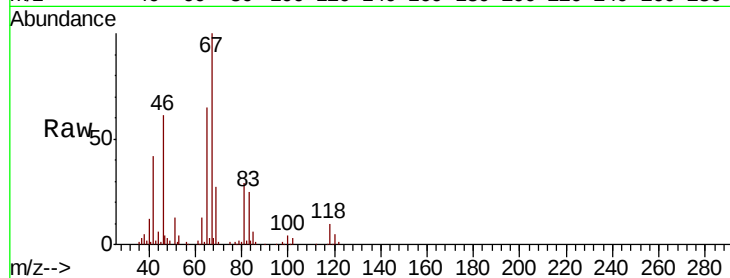




#37
 1,2-Dichloropropane
 Concen: 0.700 ug/L
 RT: 6.09 min Scan# 1556
 Delta R.T. -0.11 min
 Lab File: VV017148.D
 Acq: 26 Jun 2020 00:23

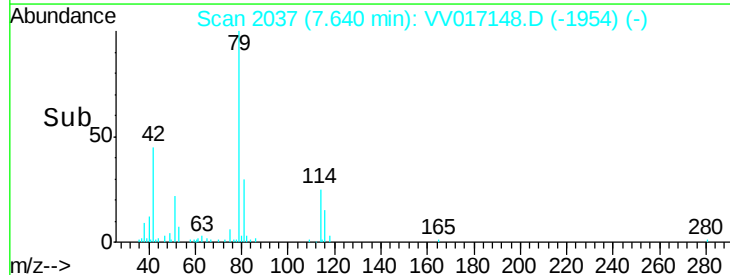
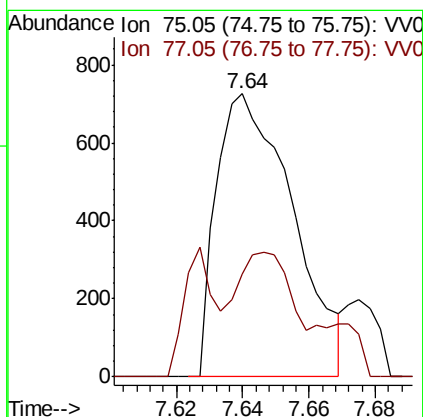
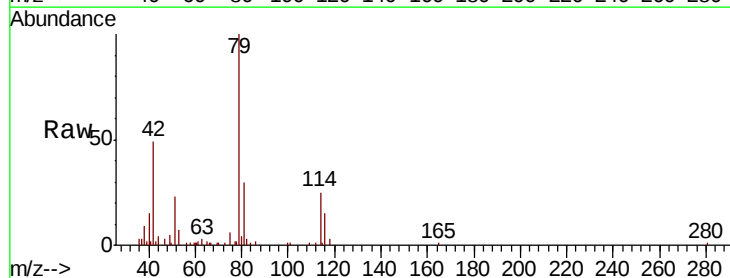
Instrument :
 MSVOA_V
 ClientSampleId :
 BFXN8

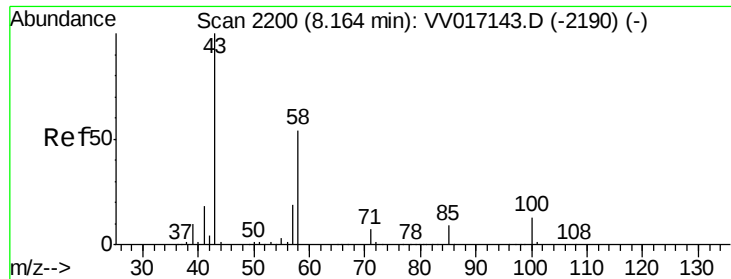
Tot Ion: 63 Resp: 7350
 Ion Ratio Lower Upper
 63 100
 112 0.9 4.4 6.6#



#46
 trans-1,3-Dichloropropene
 Concen: 0.086 ug/L
 RT: 7.64 min Scan# 2037
 Delta R.T. -0.03 min
 Lab File: VV017148.D
 Acq: 26 Jun 2020 00:23

Tgt Ion: 75 Resp: 1160
 Ion Ratio Lower Upper
 75 100
 77 36.5 22.3 41.3





#50

2-Hexanone

Concen: 2.507 ug/L

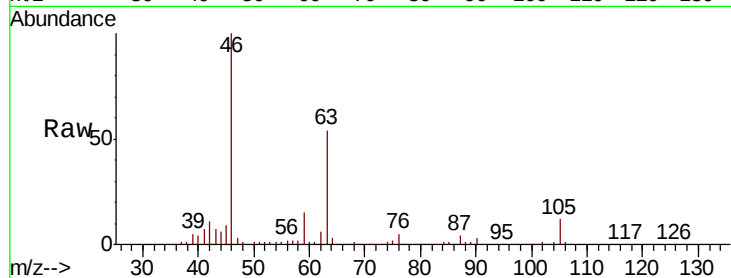
RT: 8.11 min Scan# 2184

Delta R.T. -0.05 min

Lab File: VV017148.D

Acq: 26 Jun 2020 00:23

Instrument :
MSVOA_V
ClientSampleId :
BFXN8



Tot Ion:	43	Resp:	10811
Ion	Ratio	Lower	Upper
43	100		
58	35.2	41.6	62.4#
57	31.6	15.4	23.0#
100	2.8	10.1	15.1#

