

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062520\
 Data File : VV017147.D
 Acq On : 25 Jun 2020 23:59
 Operator : SY/MD
 Sample : L3106-15
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFXN7

Quant Time: Jun 26 05:14:14 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	163686	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	161362	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	71619	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	48151	4.90	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.00%
7) Chloroethane-d5	1.58	69	40048	5.61	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	112.20%
11) 1,1-Dichloroethene-d2	2.13	63	69365	3.71	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.20%
20) 2-Butanone-d5	3.94	46	113271	45.24	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.48%
24) Chloroform-d	4.38	84	100897	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.00%
26) 1,2-Dichloroethane-d4	5.06	65	56421	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.20%
32) Benzene-d6	5.07	84	191991	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.80%
36) 1,2-Dichloropropane-d6	6.10	67	56768	4.53	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.60%
41) Toluene-d8	7.34	98	164682	4.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.80%
45) trans-1,3-Dichloropropene-	7.65	79	21428	4.11	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.20%
48) 2-Hexanone-d5	8.11	63	81761	41.11	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.22%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	38015	4.56	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.20%
65) 1,2-Dichlorobenzene-d4	11.65	152	65974	4.98	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.60%

Target Compounds

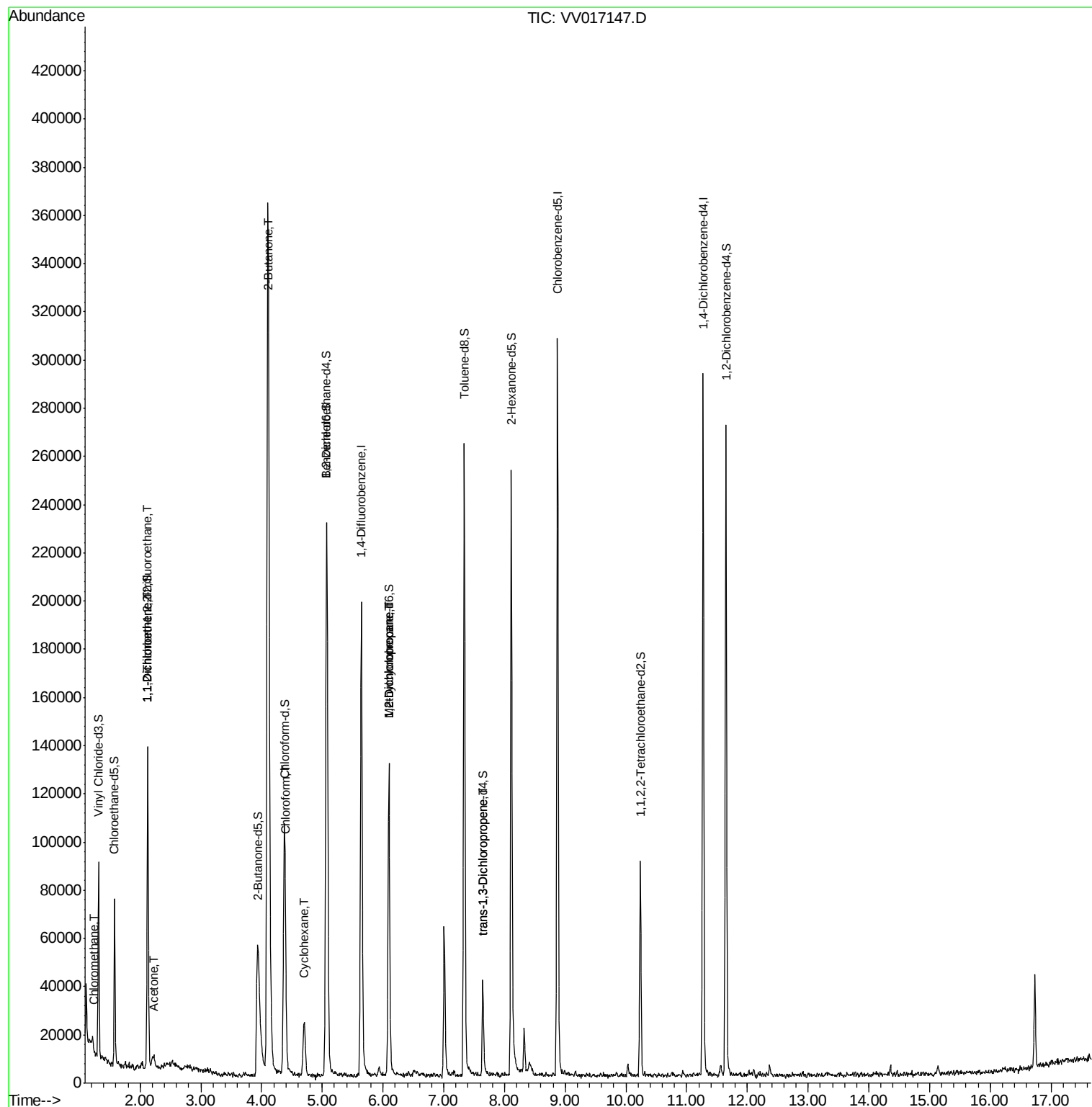
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.25	50	830	0.075	ug/L #	78
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	659	0.076	ug/L #	19
12) 1,1-Dichloroethene	2.12	96	647	0.082	ug/L #	1
13) Acetone	2.21	43	9071	7.167	ug/L	59
21) 2-Butanone	4.11	43	607295	254.537	ug/L #	50
25) Chloroform	4.40	83	2240	0.110	ug/L #	71
30) Cyclohexane	4.70	56	10088	0.548	ug/L	87
35) Methylcyclohexane	6.10	83	15142	0.787	ug/L #	17
37) 1,2-Dichloropropane	6.10	63	7383	0.706	ug/L #	85
46) trans-1,3-Dichloropropene	7.65	75	1387	0.103	ug/L	92

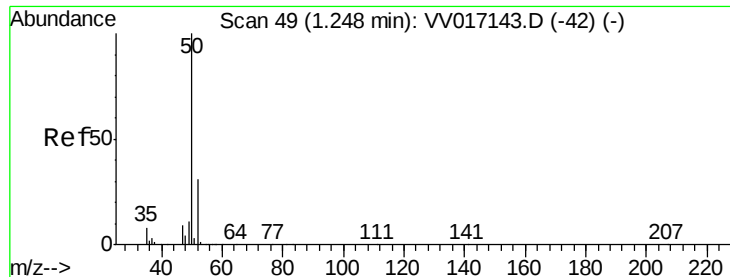
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV062520\
Data File : VV017147.D
Acq On : 25 Jun 2020 23:59
Operator : SY/MD
Sample : L3106-15
Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFXN7

Quant Time: Jun 26 05:14:14 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





#3

Chloromethane

Concen: 0.075 ug/L

RT: 1.25 min Scan# 50

Delta R.T. 0.00 min

Lab File: VV017147.D

Acq: 25 Jun 2020 23:59

Instrument :

MSVOA_V

ClientSampleId :

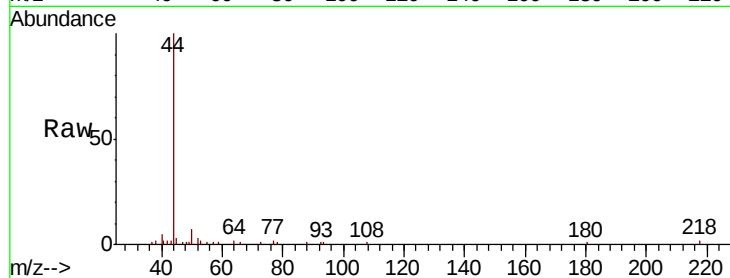
BFXN7

Tot Ion: 50 Resp: 830

Ion Ratio Lower Upper

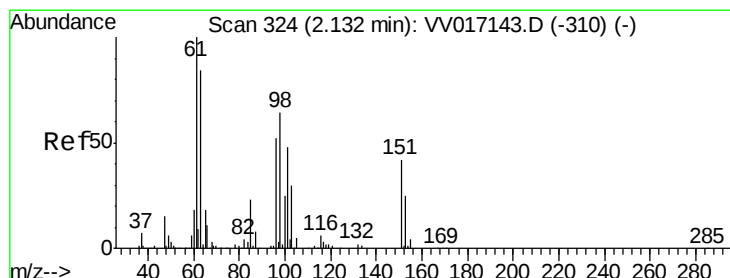
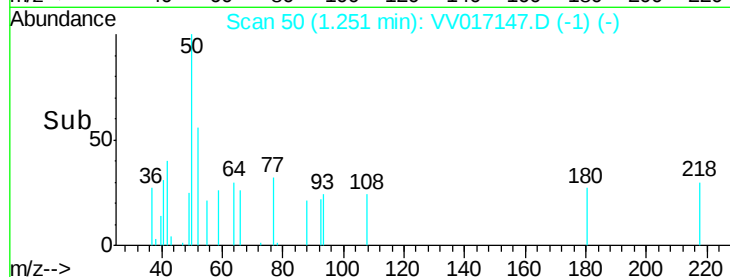
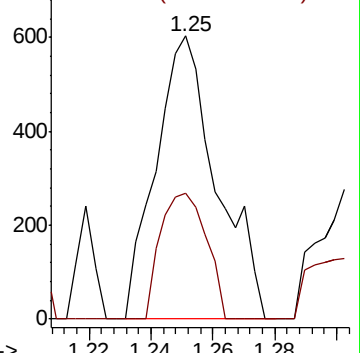
50 100

52 44.6 22.5 41.9#



Abundance Ion 50.05 (49.75 to 50.75): VV0

Ion 52.05 (51.75 to 52.75): VV0



#10

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

Concen: 0.076 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV017147.D

Acq: 25 Jun 2020 23:59

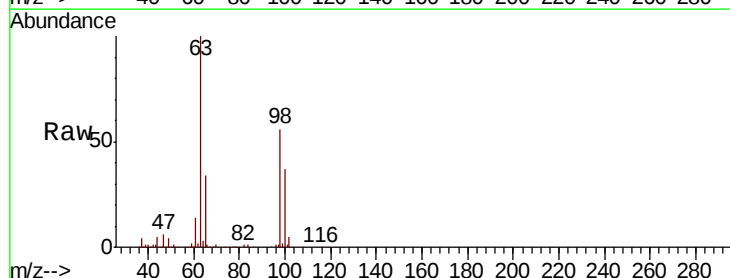
Tgt Ion: 101 Resp: 659

Ion Ratio Lower Upper

101 100

85 3.0 35.4 53.2#

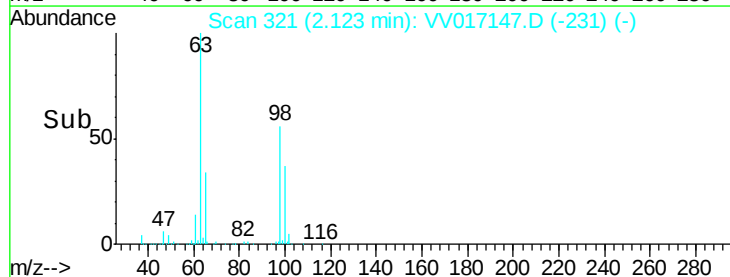
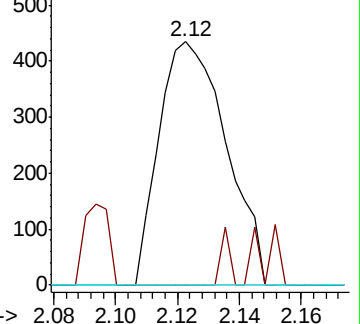
151 0.0 63.9 95.9#

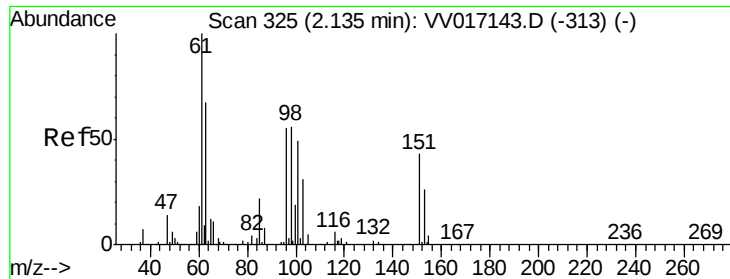


Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V





#12

1,1-Dichloroethene

Concen: 0.082 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV017147.D

Acq: 25 Jun 2020 23:59

Instrument :

MSVOA_V

ClientSampled :

BFXN7

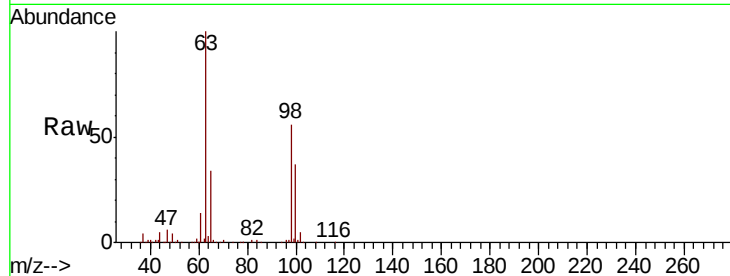
Tot Ion: 96 Resp: 647

Ion Ratio Lower Upper

96 100

61 1325.7 125.0 232.2#

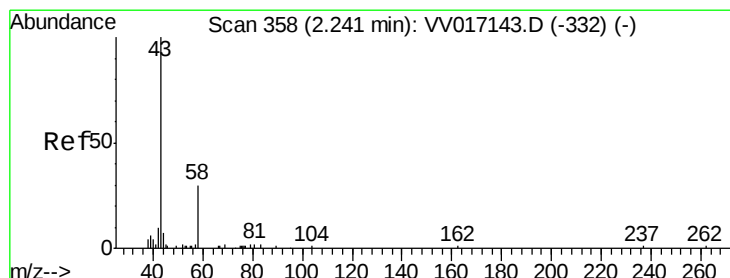
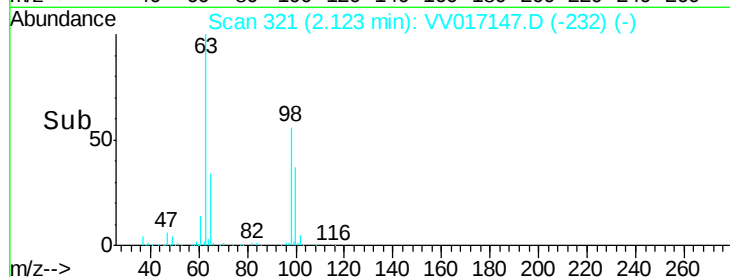
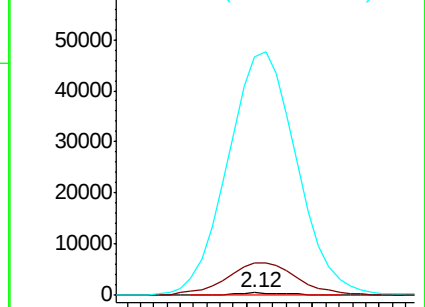
63 9672.9 109.8 203.8#



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: 7.167 ug/L

RT: 2.21 min Scan# 349

Delta R.T. -0.03 min

Lab File: VV017147.D

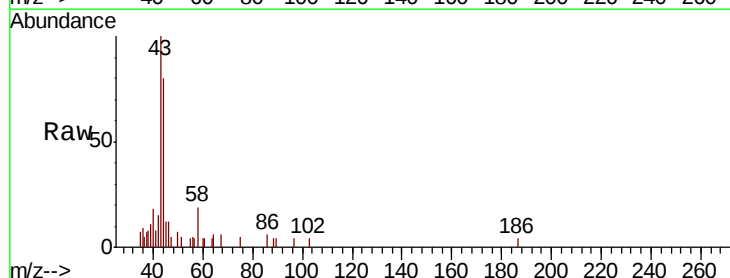
Acq: 25 Jun 2020 23:59

Tgt Ion: 43 Resp: 9071

Ion Ratio Lower Upper

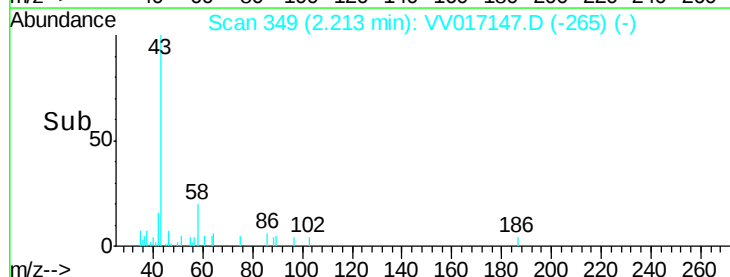
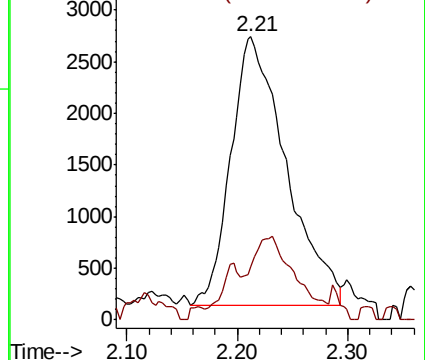
43 100

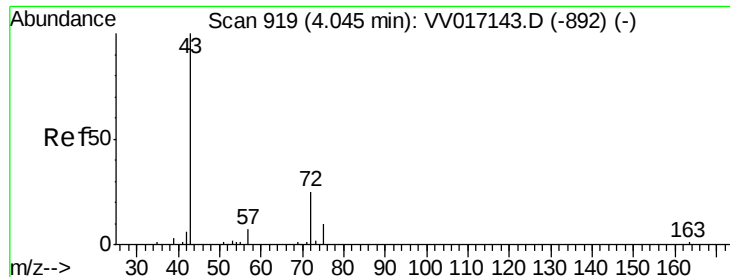
58 7.0 0.0 58.4



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0





#21

2-Butanone

Concen: 254.537 ug/L

RT: 4.11 min Scan# 938

Delta R.T. 0.06 min

Lab File: VV017147.D

Acq: 25 Jun 2020 23:59

Instrument :

MSVOA_V

ClientSampleId :

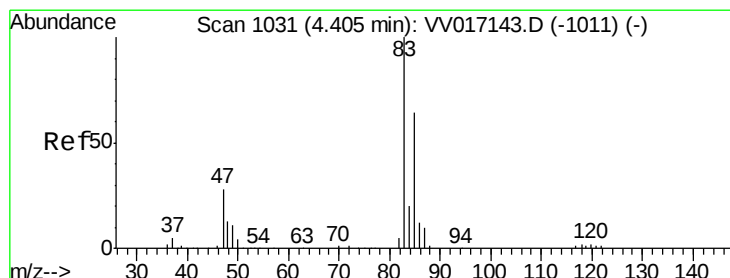
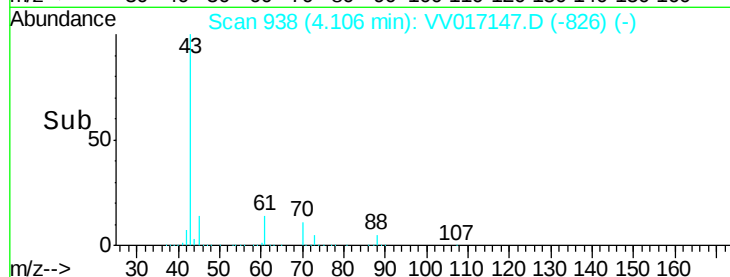
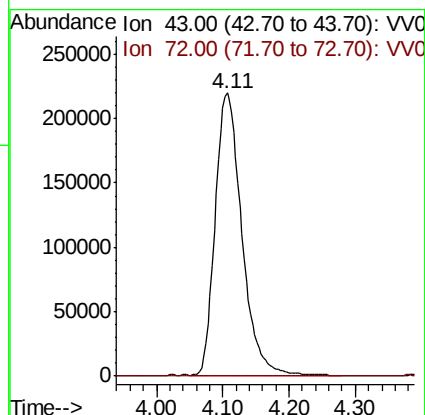
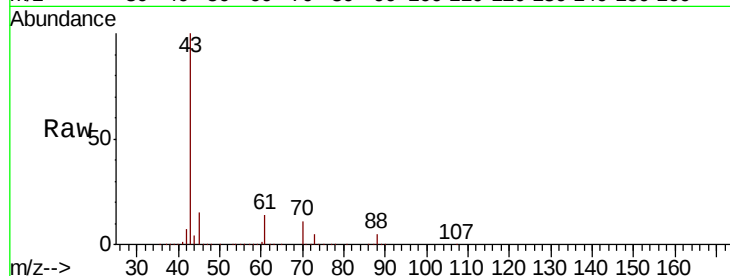
BFXN7

Tot Ion: 43 Resp: 607295

Ion Ratio Lower Upper

43 100

72 0.0 12.4 37.4#



#25

Chloroform

Concen: 0.110 ug/L

RT: 4.40 min Scan# 1029

Delta R.T. -0.01 min

Lab File: VV017147.D

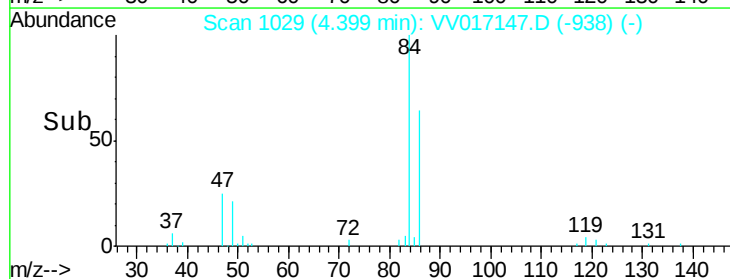
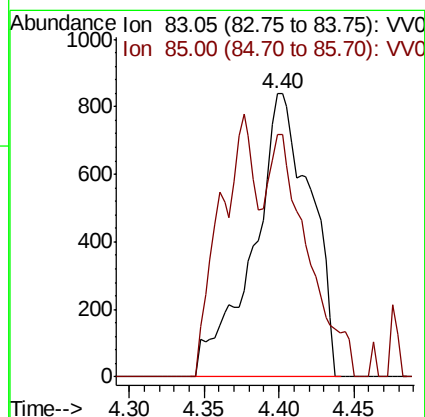
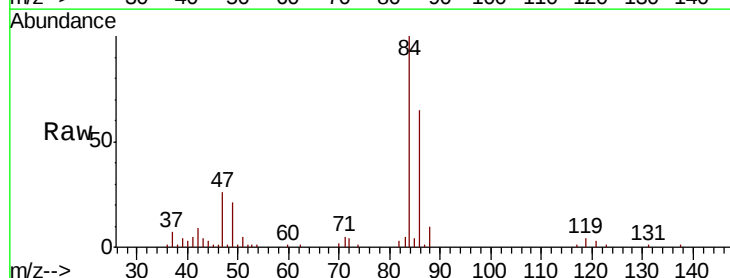
Acq: 25 Jun 2020 23:59

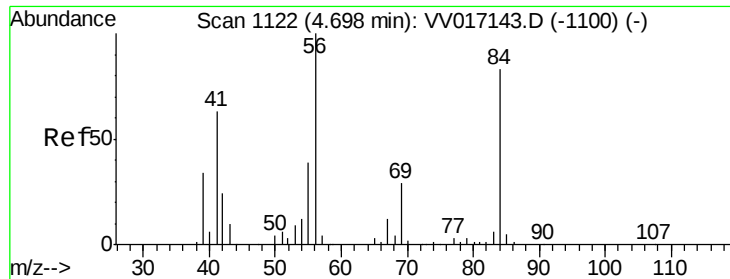
Tgt Ion: 83 Resp: 2240

Ion Ratio Lower Upper

83 100

85 85.6 44.2 82.2#

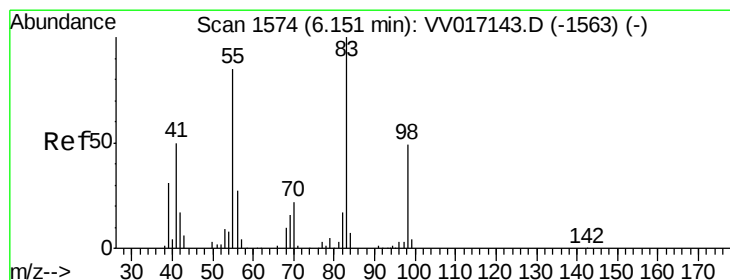
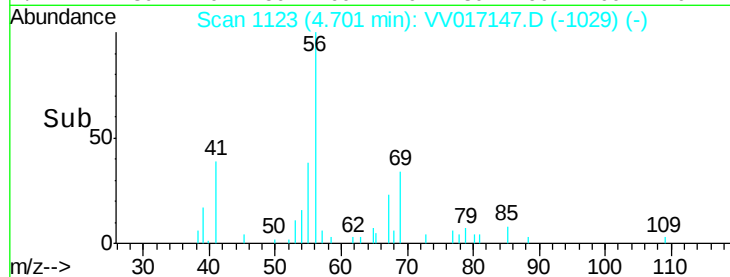
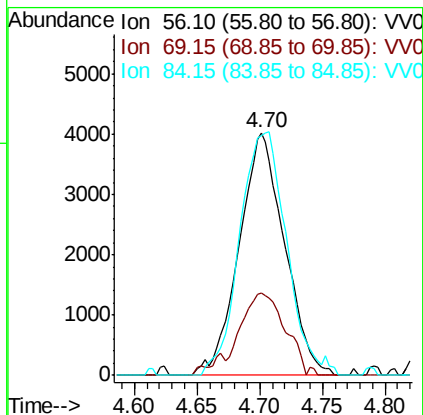
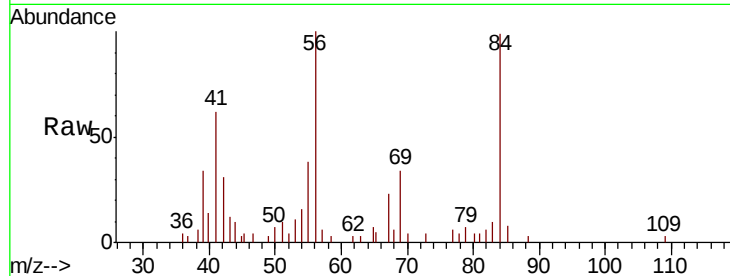




#30
Cyclohexane
Concen: 0.548 ug/L
RT: 4.70 min Scan# 1123
Delta R.T. 0.00 min
Lab File: VV017147.D
Acq: 25 Jun 2020 23:59

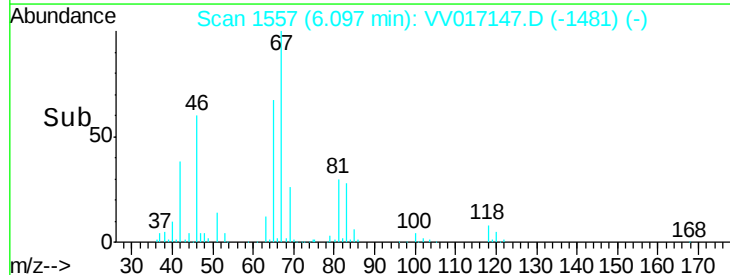
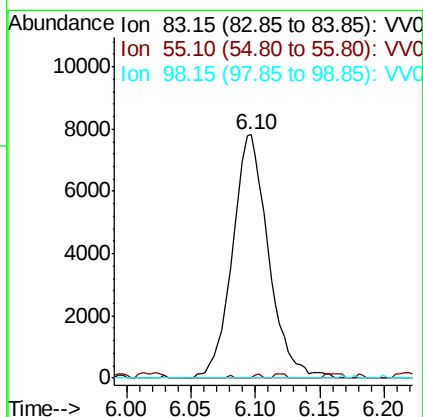
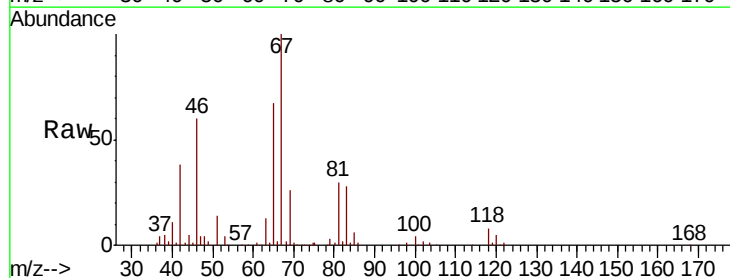
Instrument :
MSVOA_V
ClientSampled :
BFXN7

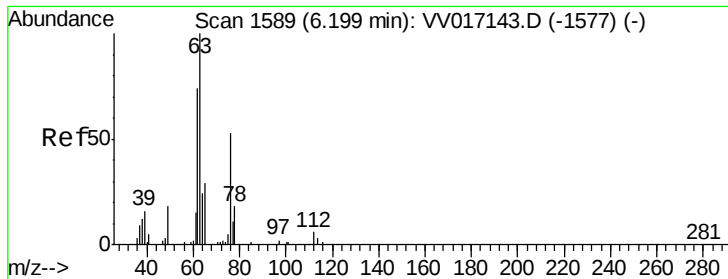
Tot Ion: 56 Resp: 10088
Ion Ratio Lower Upper
56 100
69 32.8 24.4 36.6
84 102.9 69.9 104.9



#35
Methylcyclohexane
Concen: 0.787 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.05 min
Lab File: VV017147.D
Acq: 25 Jun 2020 23:59

Tgt Ion: 83 Resp: 15142
Ion Ratio Lower Upper
83 100
55 0.3 63.6 95.4#
98 0.0 38.8 58.2#

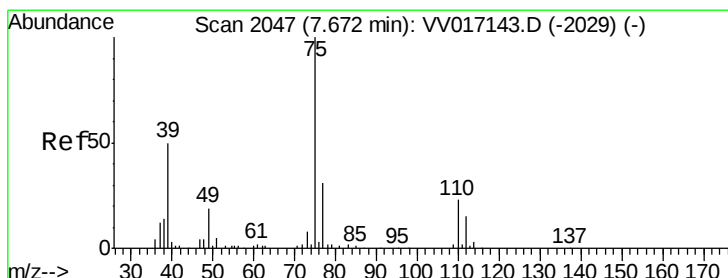
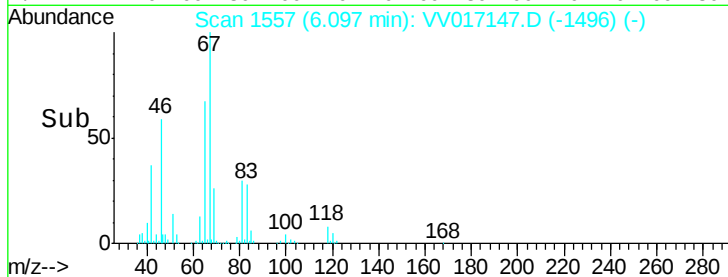
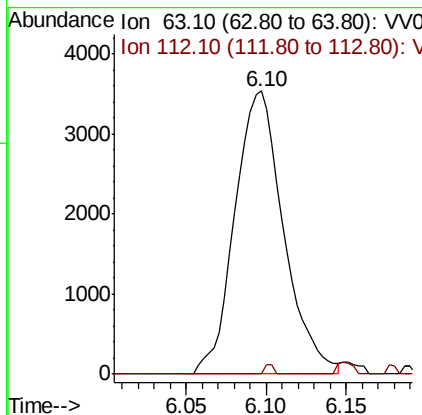
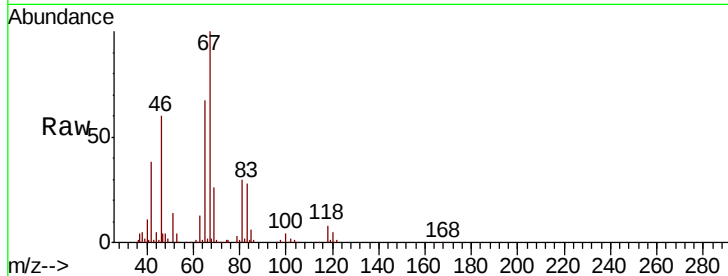




#37
 1,2-Dichloropropane
 Concen: 0.706 ug/L
 RT: 6.10 min Scan# 1557
 Delta R.T. -0.10 min
 Lab File: VV017147.D
 Acq: 25 Jun 2020 23:59

Instrument :
 MSVOA_V
 ClientSampleId :
 BFXN7

Tot Ion: 63 Resp: 7383
 Ion Ratio Lower Upper
 63 100
 112 0.6 4.4 6.6#



#46
 trans-1,3-Dichloropropene
 Concen: 0.103 ug/L
 RT: 7.65 min Scan# 2041
 Delta R.T. -0.02 min
 Lab File: VV017147.D
 Acq: 25 Jun 2020 23:59

Tgt Ion: 75 Resp: 1387
 Ion Ratio Lower Upper
 75 100
 77 36.4 22.3 41.3

