

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062320\
 Data File : VV017036.D
 Acq On : 22 Jun 2020 22:57
 Operator : SY/MD
 Sample : L3067-18
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFXH5

Quant Time: Jun 23 04:59:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jun 23 04:53:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	171147	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	163978	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	76640	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	45166	4.40	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.00%
7) Chloroethane-d5	1.58	69	35691	4.78	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.60%
11) 1,1-Dichloroethene-d2	2.12	63	70751	3.62	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.40%
20) 2-Butanone-d5	3.93	46	134075	51.21	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.42%
24) Chloroform-d	4.38	84	110259	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.40%
26) 1,2-Dichloroethane-d4	5.06	65	60568	5.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.00%
32) Benzene-d6	5.07	84	215651	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.40%
36) 1,2-Dichloropropane-d6	6.10	67	63241	4.97	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.40%
41) Toluene-d8	7.34	98	197016	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.80%
45) trans-1,3-Dichloropropene-	7.64	79	23723	4.47	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.40%
48) 2-Hexanone-d5	8.11	63	85299	42.20	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.40%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	44006	5.20	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.00%
65) 1,2-Dichlorobenzene-d4	11.65	152	76481	5.40	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.00%

Target Compounds

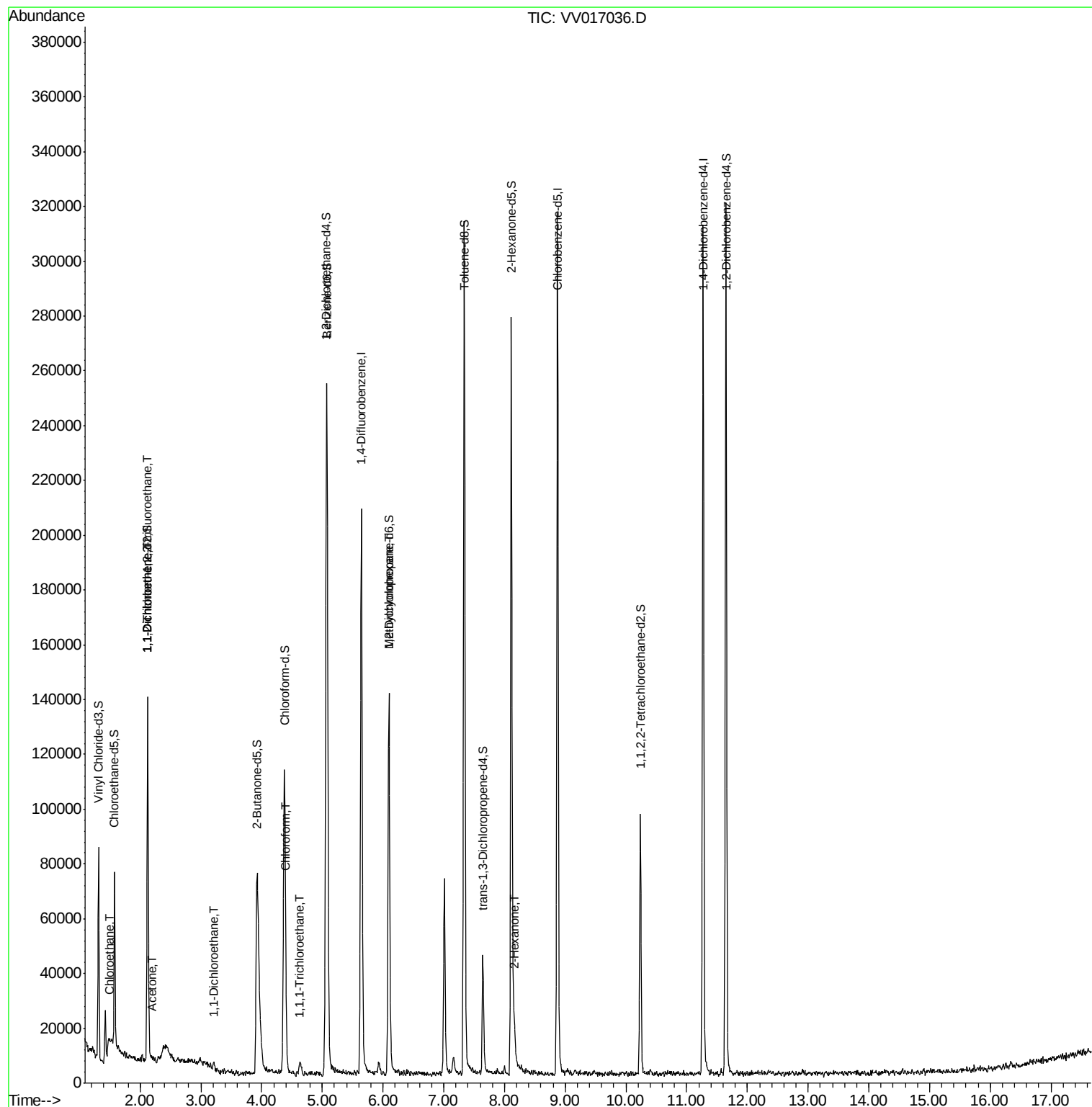
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
8) Chloroethane	1.50	64	14222	2.291	ug/L #	50
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	780	0.086	ug/L #	30
12) 1,1-Dichloroethene	2.12	96	846	0.103	ug/L #	1
13) Acetone	2.20	43	1673	1.264	ug/L	99
19) 1,1-Dichloroethane	3.21	63	2330	0.119	ug/L	91
25) Chloroform	4.41	83	3225	0.151	ug/L	98
29) 1,1,1-Trichloroethane	4.63	97	2705	0.138	ug/L	89
35) Methylcyclohexane	6.10	83	16194	0.828	ug/L #	18
50) 2-Hexanone	8.17	43	7872	1.802	ug/L #	96

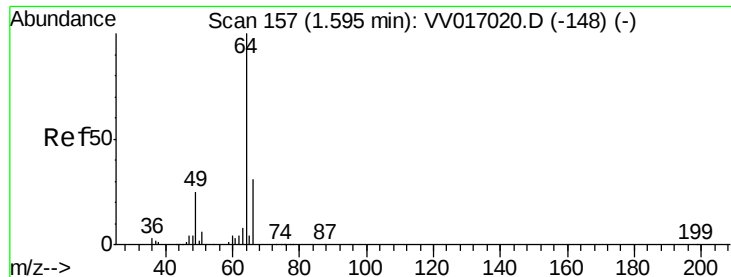
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV062320\
Data File : VV017036.D
Acq On : 22 Jun 2020 22:57
Operator : SY/MD
Sample : L3067-18
Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFXH5

Quant Time: Jun 23 04:59:48 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Jun 23 04:53:49 2020
Response via : Initial Calibration





#8

Chloroethane

Concen: 2.291 ug/L

RT: 1.50 min Scan# 127

Delta R.T. -0.10 min

Lab File: VV017036.D

Acq: 22 Jun 2020 22:57

Instrument :

MSVOA_V

ClientSampleId :

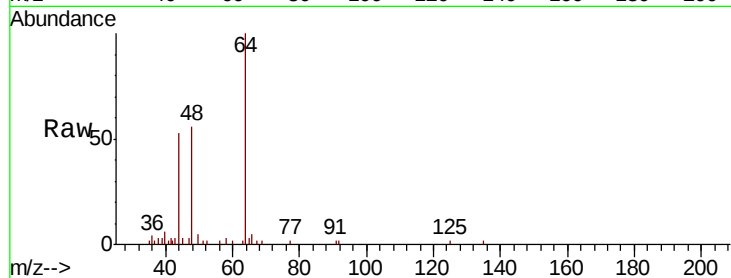
BFXH5

Tot Ion: 64 Resp: 14222

Ion Ratio Lower Upper

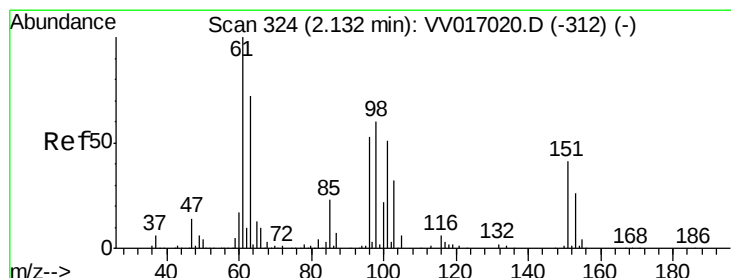
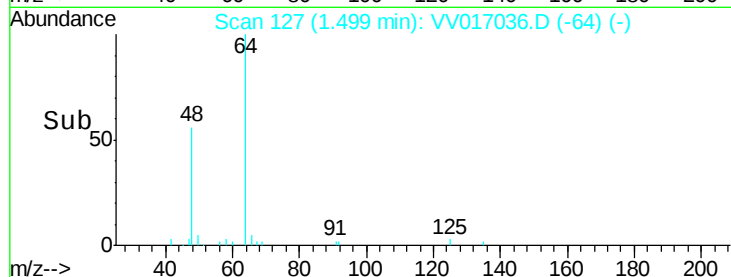
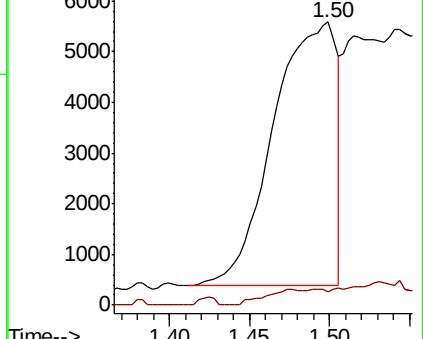
64 100

66 4.7 22.8 42.4#



Abundance Ion 64.10 (63.80 to 64.80): VV017036.D (-64) (-)

Ion 66.05 (65.75 to 66.75): VV017036.D (-64) (-)



#10

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

Concen: 0.086 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV017036.D

Acq: 22 Jun 2020 22:57

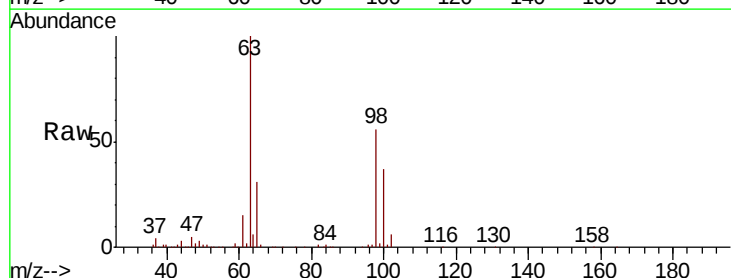
Tgt Ion: 101 Resp: 780

Ion Ratio Lower Upper

101 100

85 23.5 35.4 53.2#

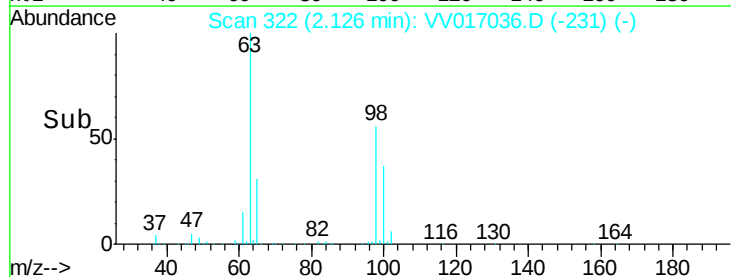
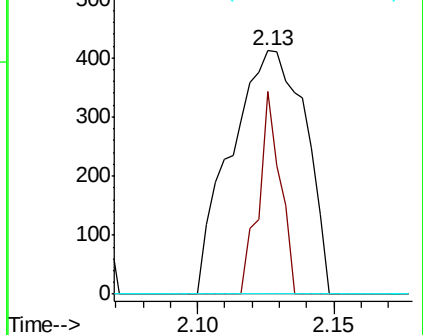
151 0.0 63.9 95.9#

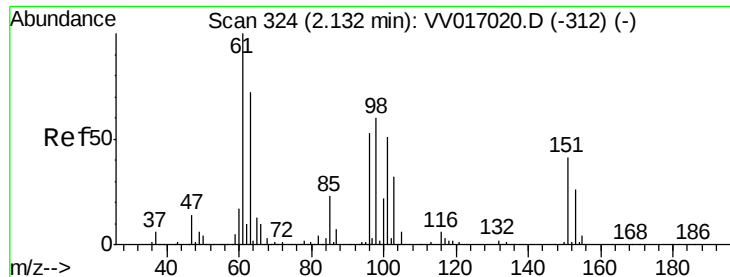


Abundance Ion 101.00 (100.70 to 101.70): VV017036.D (-231) (-)

Ion 85.00 (84.70 to 85.70): VV017036.D (-231) (-)

Ion 151.00 (150.70 to 151.70): VV017036.D (-231) (-)





#12

1,1-Dichloroethene

Concen: 0.103 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV017036.D

Acq: 22 Jun 2020 22:57

Instrument :
MSVOA_V
ClientSampleId :
BFXH5

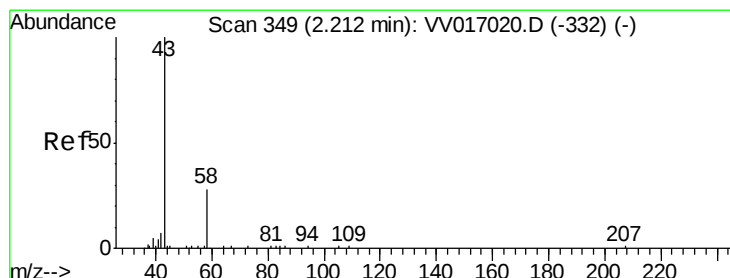
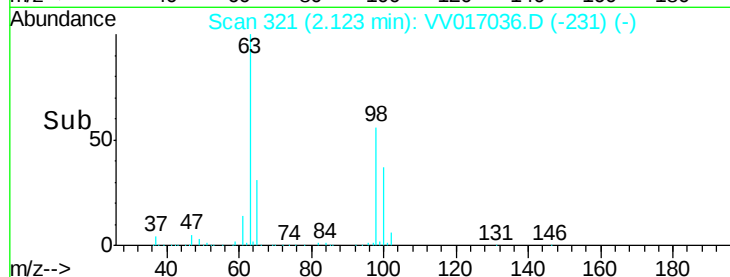
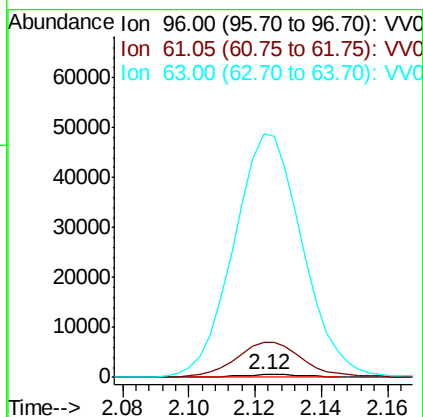
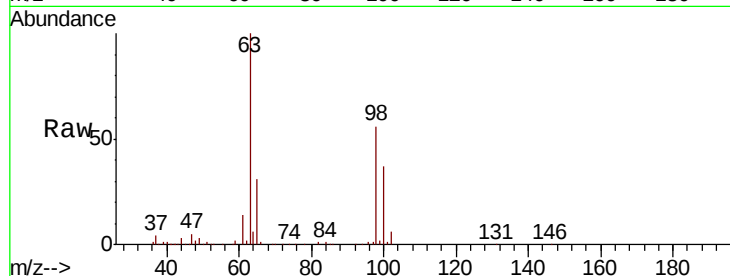
Tot Ion: 96 Resp: 846

Ion Ratio Lower Upper

96 100

61 1330.7 125.0 232.2#

63 9234.8 109.8 203.8#



#13

Acetone

Concen: 1.264 ug/L

RT: 2.20 min Scan# 344

Delta R.T. -0.02 min

Lab File: VV017036.D

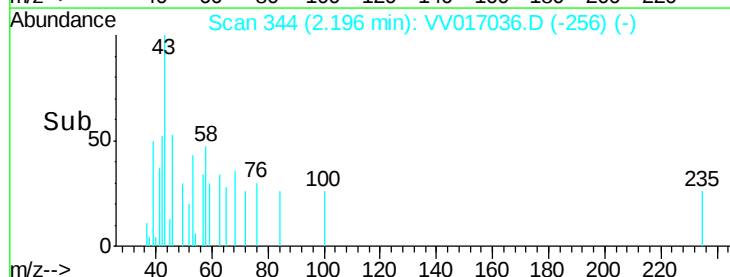
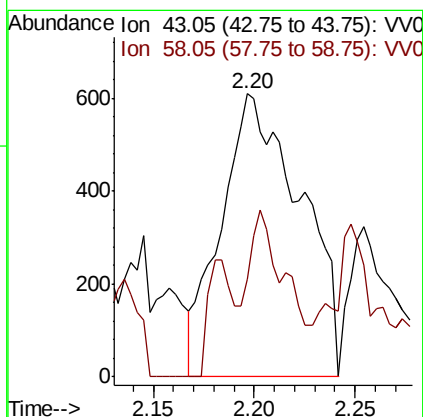
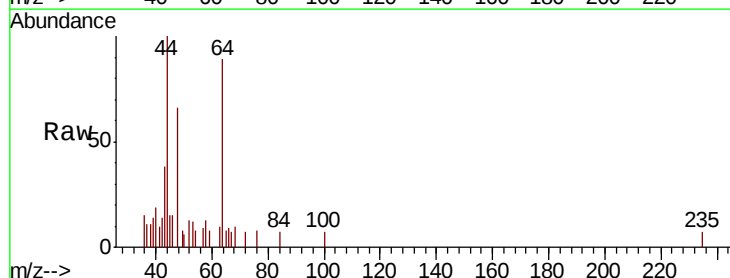
Acq: 22 Jun 2020 22:57

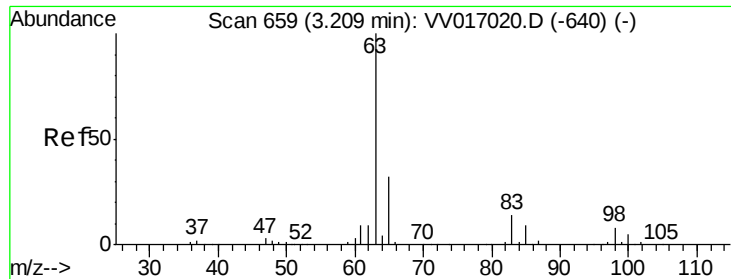
Tgt Ion: 43 Resp: 1673

Ion Ratio Lower Upper

43 100

58 28.8 0.0 58.4

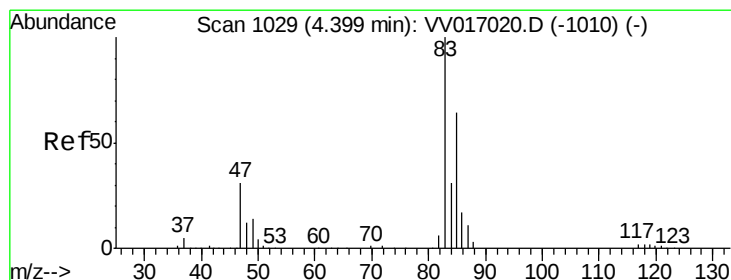
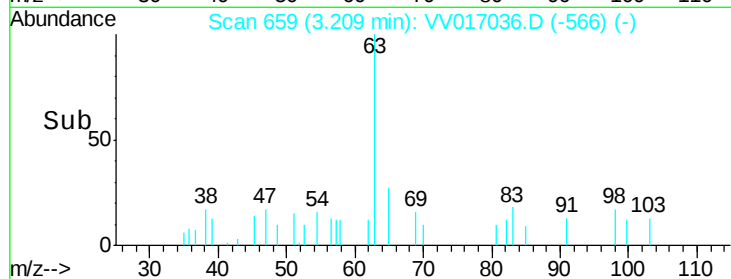
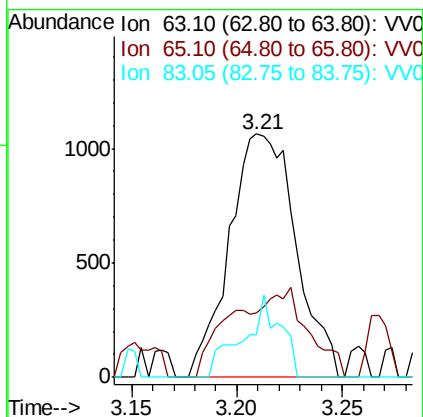
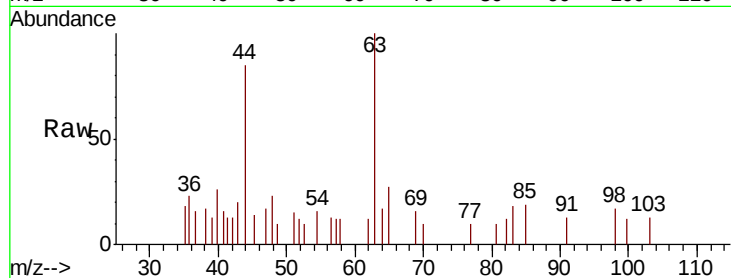




#19
 1,1-Dichloroethane
 Concen: 0.119 ug/L
 RT: 3.21 min Scan# 659
 Delta R.T. 0.00 min
 Lab File: VV017036.D
 Acq: 22 Jun 2020 22:57

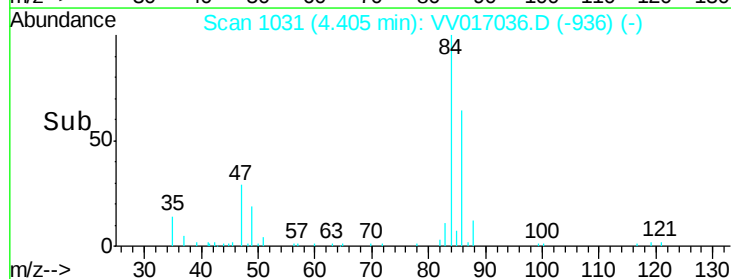
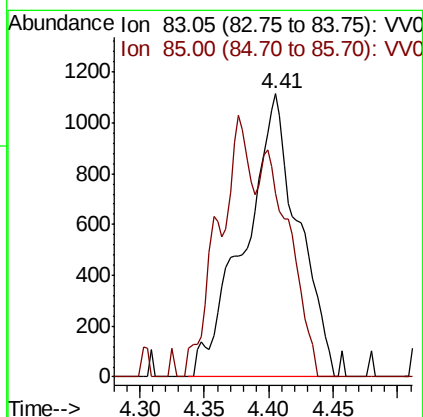
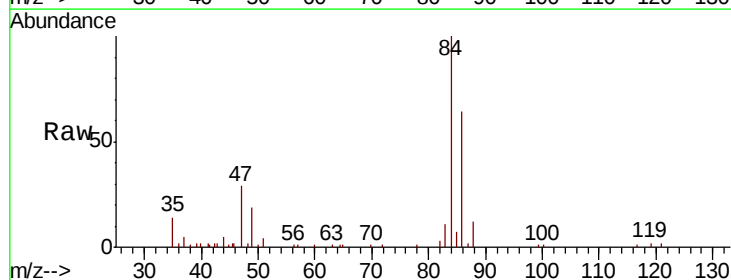
Instrument :
 MSVOA_V
 ClientSampleId :
 BFXH5

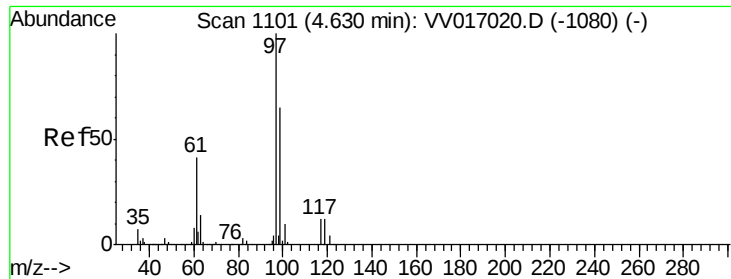
Tot Ion: 63 Resp: 2330
 Ion Ratio Lower Upper
 63 100
 65 26.6 21.8 40.4
 83 17.8 9.7 17.9



#25
 Chloroform
 Concen: 0.151 ug/L
 RT: 4.41 min Scan# 1031
 Delta R.T. 0.01 min
 Lab File: VV017036.D
 Acq: 22 Jun 2020 22:57

Tgt Ion: 83 Resp: 3225
 Ion Ratio Lower Upper
 83 100
 85 65.1 44.2 82.2

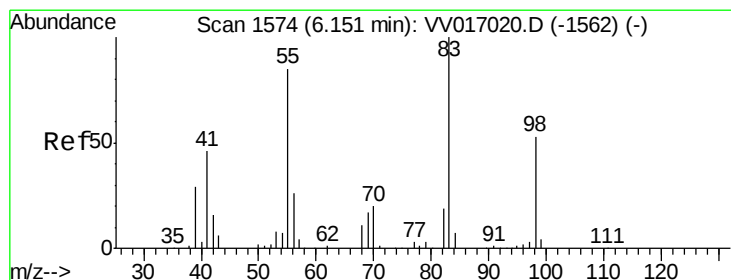
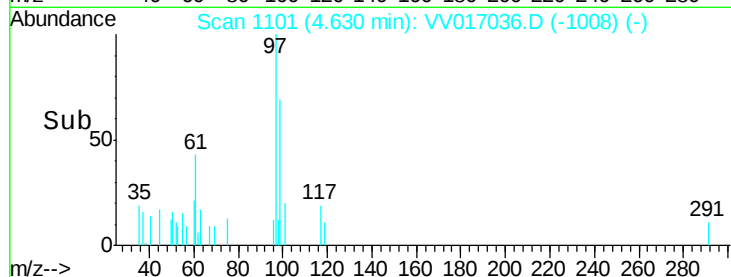
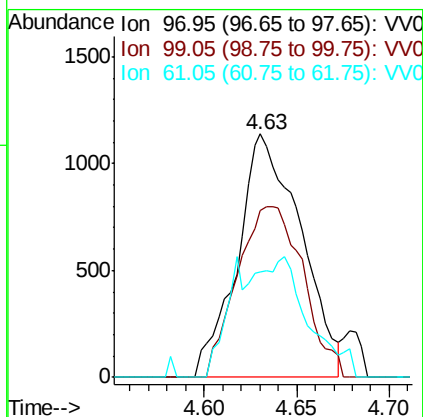
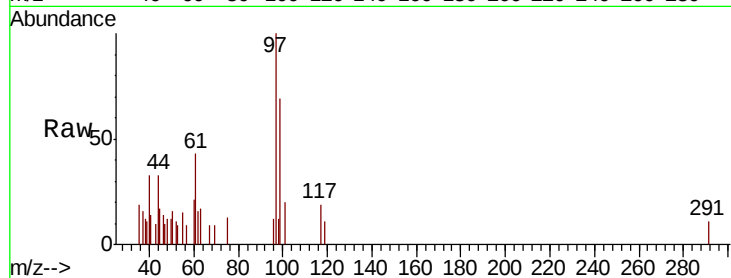




#29
 1,1,1-Trichloroethane
 Concen: 0.138 ug/L
 RT: 4.63 min Scan# 1101
 Delta R.T. 0.00 min
 Lab File: VV017036.D
 Acq: 22 Jun 2020 22:57

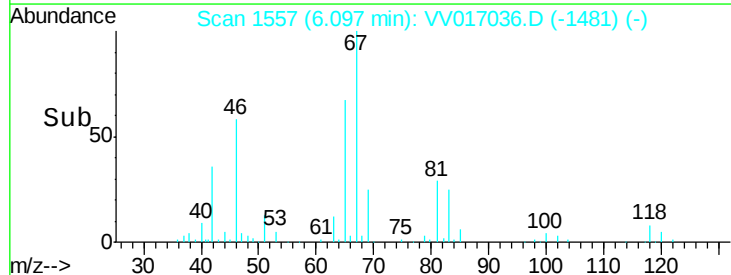
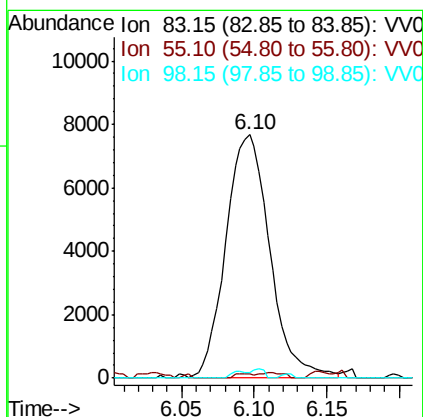
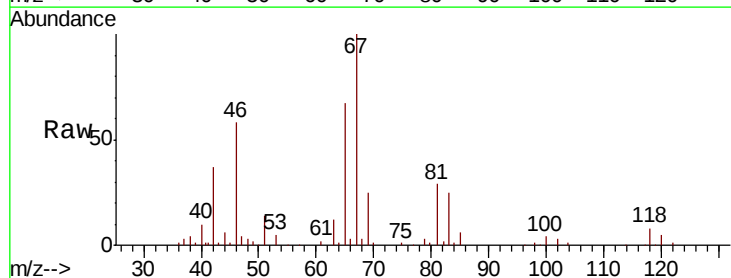
Instrument :
 MSVOA_V
 ClientSampled :
 BFXH5

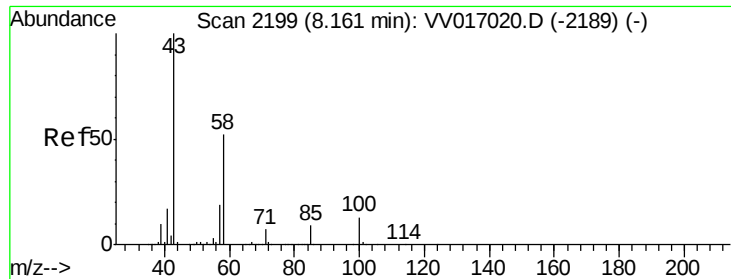
Tot Ion: 97 Resp: 2705
 Ion Ratio Lower Upper
 97 100
 99 72.8 50.3 75.5
 61 39.9 36.0 54.0



#35
 Methylcyclohexane
 Concen: 0.828 ug/L
 RT: 6.10 min Scan# 1557
 Delta R.T. -0.05 min
 Lab File: VV017036.D
 Acq: 22 Jun 2020 22:57

Tgt Ion: 83 Resp: 16194
 Ion Ratio Lower Upper
 83 100
 55 0.8 63.6 95.4#
 98 1.1 38.8 58.2#





#50

2-Hexanone

Concen: 1.802 ug/L

RT: 8.17 min Scan# 2201

Delta R.T. 0.01 min

Lab File: VV017036.D

Acq: 22 Jun 2020 22:57

Instrument :

MSVOA_V

ClientSampleId :

BFXH5

Tot Ion: 43 Resp: 7872

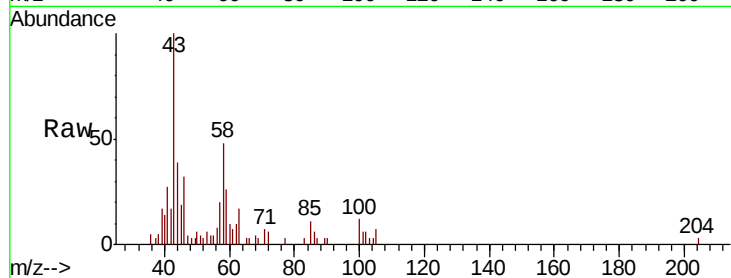
Ion Ratio Lower Upper

43 100

58 50.3 41.6 62.4

57 22.0 15.4 23.0

100 8.8 10.1 15.1#



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

