

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062320\
 Data File : VV017029.D
 Acq On : 22 Jun 2020 20:09
 Operator : SY/MD
 Sample : L3067-09
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFXG6

Quant Time: Jun 23 04:57:47 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	183778	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	175693	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	86365	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	45171	4.09	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.80%
7) Chloroethane-d5	1.58	69	35873	4.47	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.40%
11) 1,1-Dichloroethene-d2	2.12	63	69871	3.33	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.60%
20) 2-Butanone-d5	3.93	46	133405	47.46	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.92%
24) Chloroform-d	4.38	84	109515	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.80%
26) 1,2-Dichloroethane-d4	5.06	65	60176	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.20%
32) Benzene-d6	5.08	84	216092	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.80%
36) 1,2-Dichloropropane-d6	6.09	67	63061	4.62	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.40%
41) Toluene-d8	7.34	98	194367	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.00%
45) trans-1,3-Dichloropropene-	7.64	79	23161	4.08	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.60%
48) 2-Hexanone-d5	8.11	63	82545	38.12	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	76.24%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	42365	4.67	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.40%
65) 1,2-Dichlorobenzene-d4	11.65	152	77182	4.83	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.60%

Target Compounds

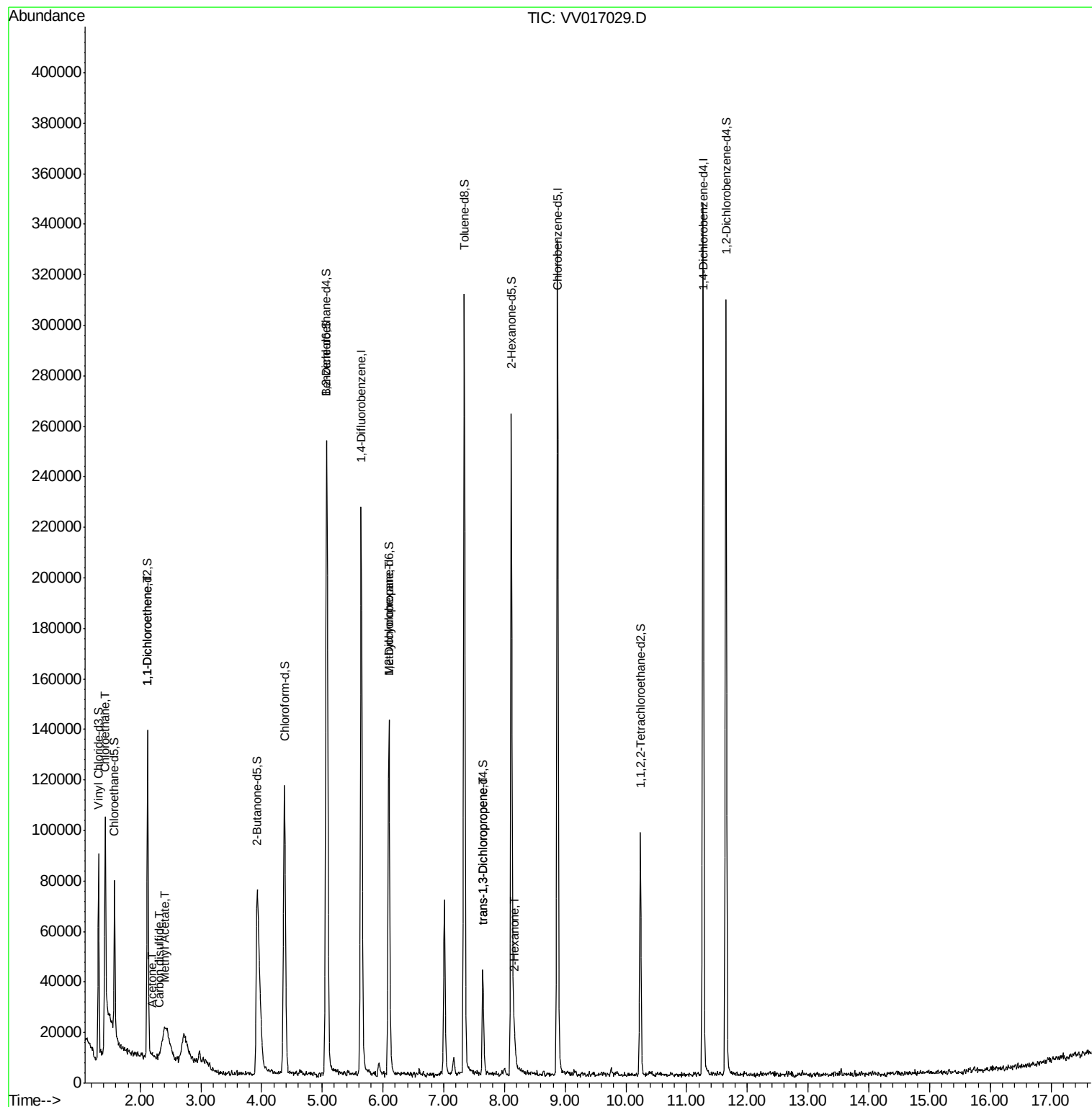
					Ovalue
8) Chloroethane	1.43	64	29971	4.497 ug/L #	50
12) 1,1-Dichloroethene	2.13	96	758	0.086 ug/L #	1
13) Acetone	2.20	43	2566	1.806 ug/L	86
14) Carbon disulfide	2.31	76	1353	0.051 ug/L #	65
15) Methyl Acetate	2.40	43	2353	0.677 ug/L #	61
35) Methylcyclohexane	6.10	83	16484	0.787 ug/L #	19
46) trans-1,3-Dichloropropene	7.64	75	1240	0.085 ug/L #	3
50) 2-Hexanone	8.16	43	8200	1.752 ug/L #	88

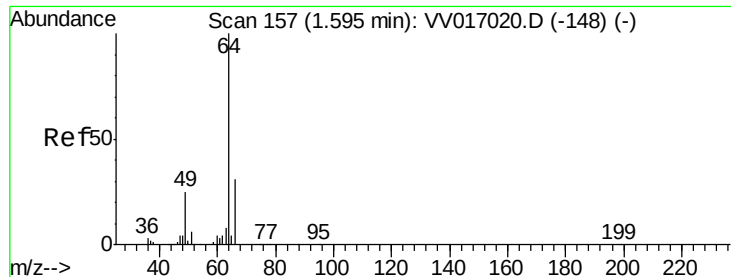
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jun 23 04:57:47 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: 4.497 ug/L

RT: 1.43 min Scan# 106

Delta R.T. -0.16 min

Lab File: VV017029.D

Acq: 22 Jun 2020 20:09

Instrument :

MSVOA_V

ClientSampled :

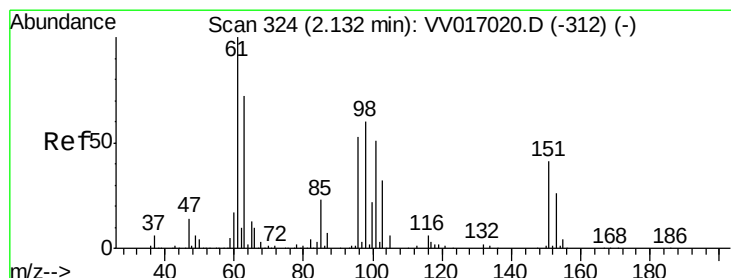
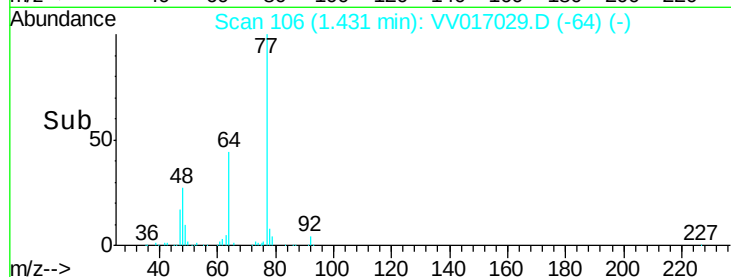
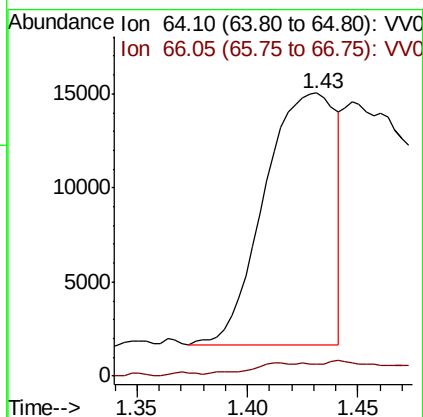
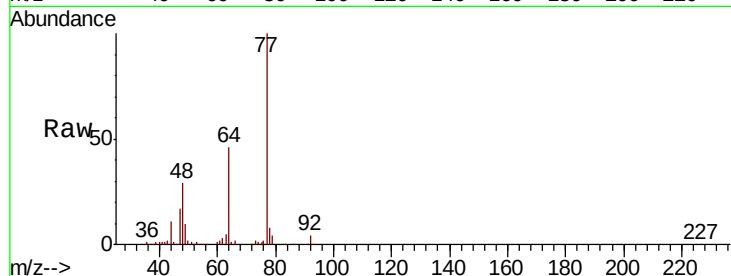
BFXG6

Tot Ion: 64 Resp: 29971

Ion Ratio Lower Upper

64 100

66 4.3 22.8 42.4#



#12

1,1-Dichloroethene

Concen: 0.086 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV017029.D

Acq: 22 Jun 2020 20:09

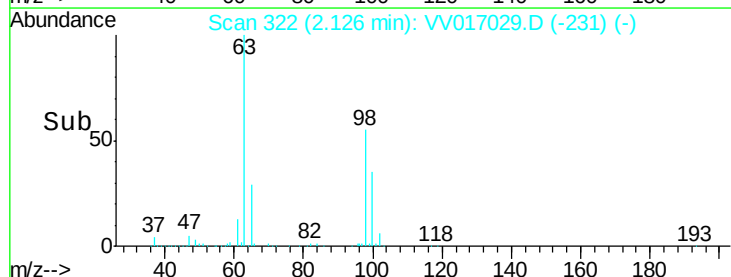
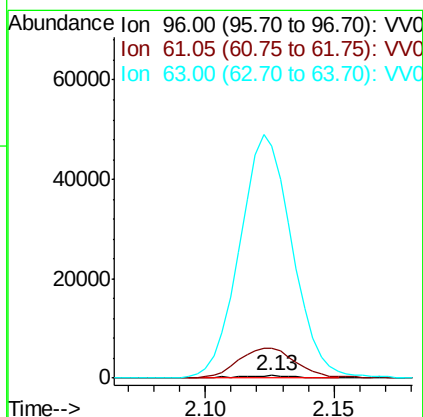
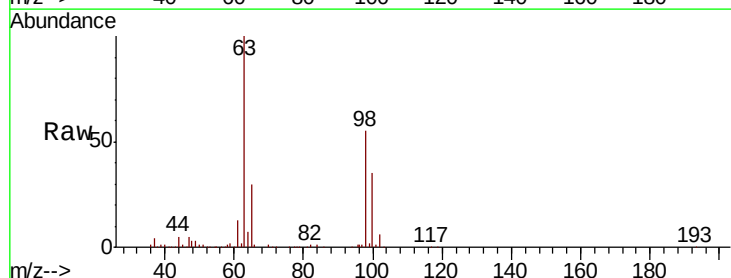
Tgt Ion: 96 Resp: 758

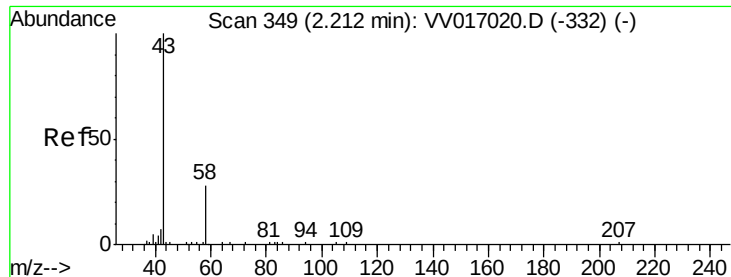
Ion Ratio Lower Upper

96 100

61 595.4 125.0 232.2#

63 4562.4 109.8 203.8#





#13

Acetone

Concen: 1.806 ug/L

RT: 2.20 min Scan# 346

Delta R.T. -0.01 min

Lab File: VV017029.D

Acq: 22 Jun 2020 20:09

Instrument :

MSVOA_V

ClientSampleId :

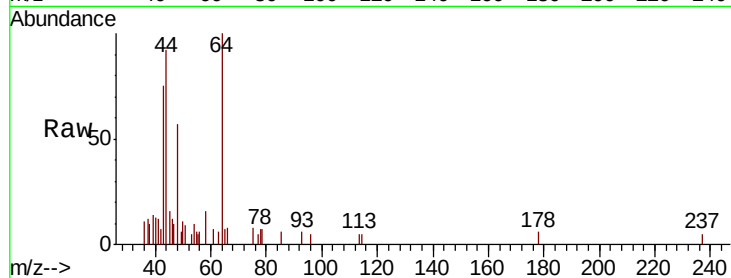
BFXG6

Tot Ion: 43 Resp: 2566

Ion Ratio Lower Upper

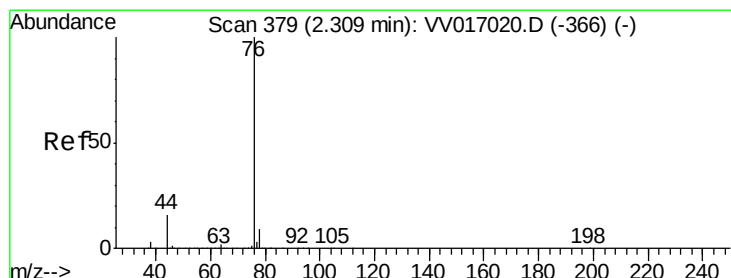
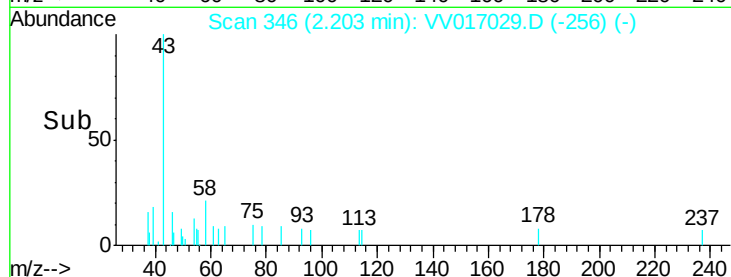
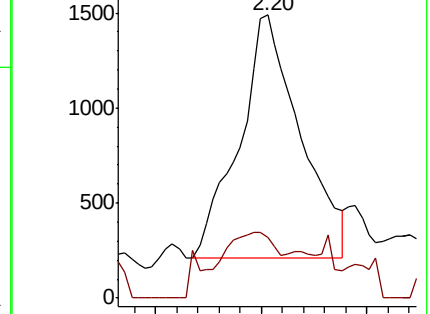
43 100

58 21.7 0.0 58.4



Abundance Ion 43.05 (42.75 to 43.75): VV017020.D (-332) (-)

Ion 58.05 (57.75 to 58.75): VV017020.D (-332) (-)



#14

Carbon disulfide

Concen: 0.051 ug/L

RT: 2.31 min Scan# 380

Delta R.T. 0.00 min

Lab File: VV017029.D

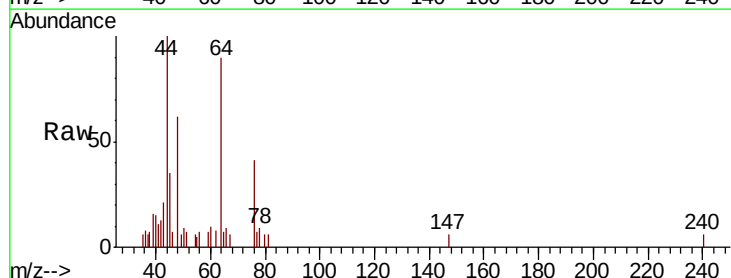
Acq: 22 Jun 2020 20:09

Tgt Ion: 76 Resp: 1353

Ion Ratio Lower Upper

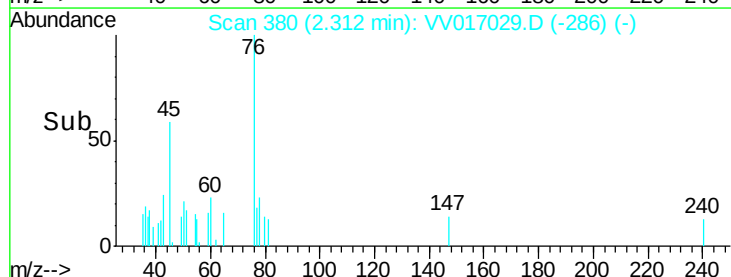
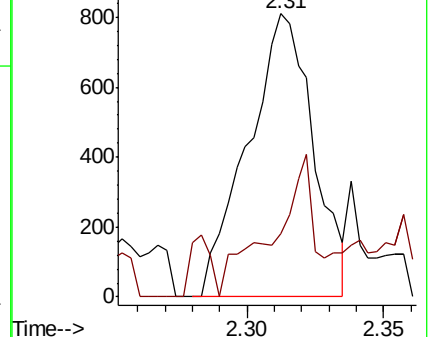
76 100

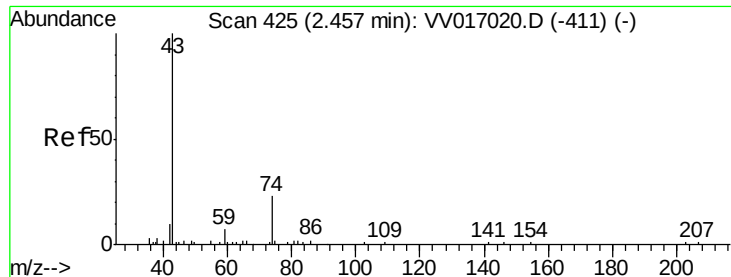
78 22.6 7.7 11.5#



Abundance Ion 76.05 (75.75 to 76.75): VV017020.D (-366) (-)

Ion 78.00 (77.70 to 78.70): VV017020.D (-366) (-)

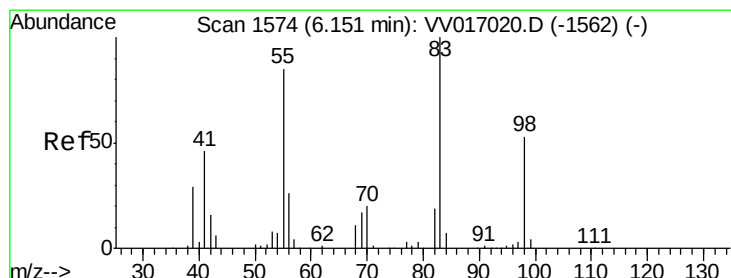
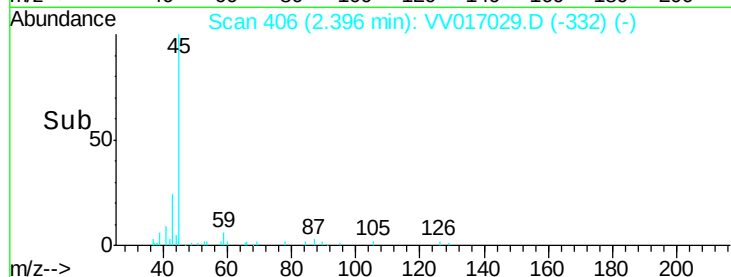
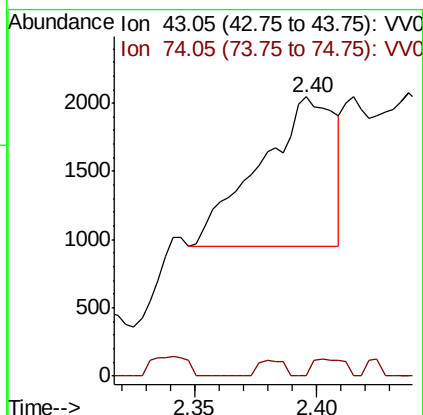
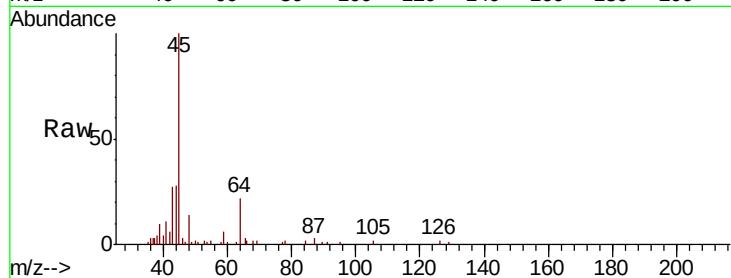




#15
Methyl Acetate
Concen: 0.677 ug/L
RT: 2.40 min Scan# 406
Delta R.T. -0.06 min
Lab File: VV017029.D
Acq: 22 Jun 2020 20:09

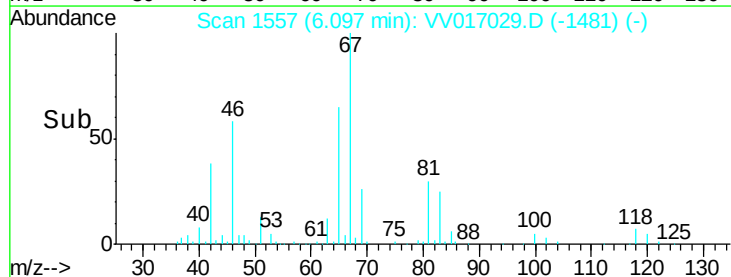
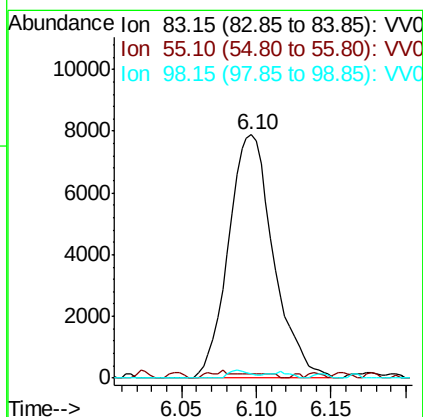
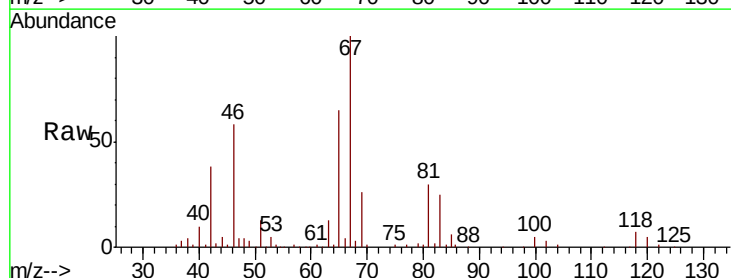
Instrument :
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BFXG6

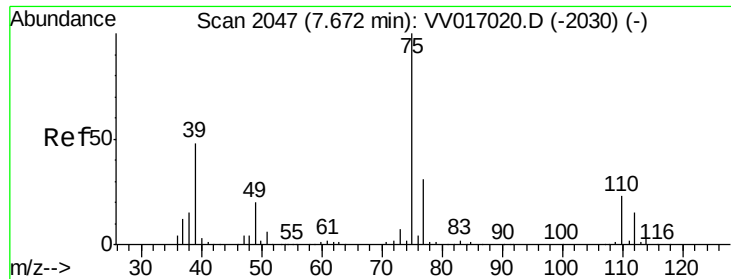
Tot Ion: 43 Resp: 2353
Ion Ratio Lower Upper
43 100
74 4.8 19.1 28.7#



#35
Methylcyclohexane
Concen: 0.787 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.05 min
Lab File: VV017029.D
Acq: 22 Jun 2020 20:09

Tgt Ion: 83 Resp: 16484
Ion Ratio Lower Upper
83 100
55 2.3 63.6 95.4#
98 1.4 38.8 58.2#





#46

trans-1,3-Dichloropropene

Concen: 0.085 ug/L

RT: 7.64 min Scan# 2037

Delta R.T. -0.03 min

Lab File: VV017029.D

Acq: 22 Jun 2020 20:09

Instrument :

MSVOA_V

ClientSampleId :

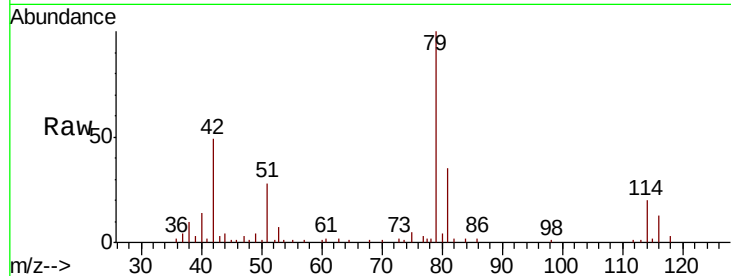
BFXG6

Tot Ion: 75 Resp: 1240

Ion Ratio Lower Upper

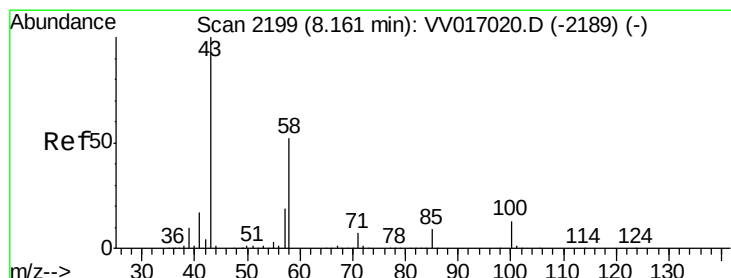
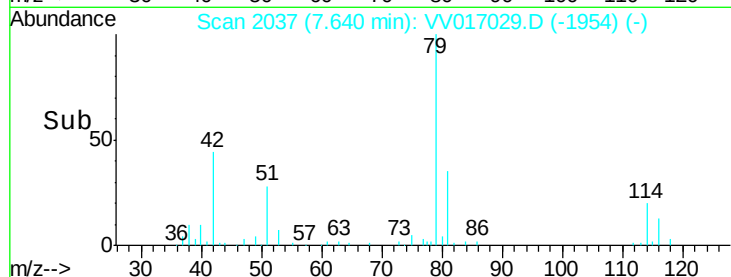
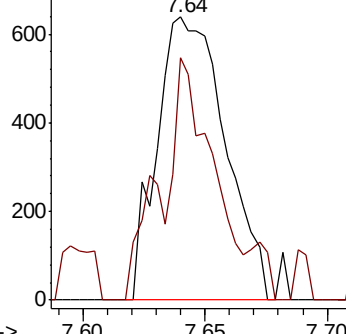
75 100

77 85.6 22.3 41.3#



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0



#50

2-Hexanone

Concen: 1.752 ug/L

RT: 8.16 min Scan# 2200

Delta R.T. 0.00 min

Lab File: VV017029.D

Acq: 22 Jun 2020 20:09

Tgt Ion: 43 Resp: 8200

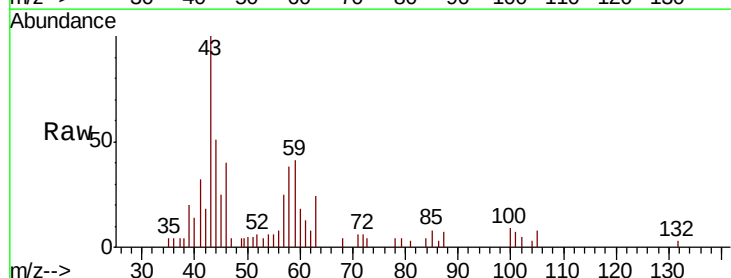
Ion Ratio Lower Upper

43 100

58 40.9 41.6 62.4#

57 23.0 15.4 23.0

100 11.2 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

