

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062320\
 Data File : VV017024.D
 Acq On : 22 Jun 2020 18:10
 Operator : SY/MD
 Sample : L3067-03
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFXG0

Quant Time: Jun 23 05:29:59 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	190326	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	172901	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	91620	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	64332	5.63	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	112.60%
7) Chloroethane-d5	1.58	69	48031	5.78	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	115.60%
11) 1,1-Dichloroethene-d2	2.12	63	88787	4.08	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.60%
20) 2-Butanone-d5	3.93	46	140352	48.21	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.42%
24) Chloroform-d	4.38	84	135342	5.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	110.80%
26) 1,2-Dichloroethane-d4	5.06	65	72002	5.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.20%
32) Benzene-d6	5.07	84	256741	5.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	114.60%
36) 1,2-Dichloropropane-d6	6.10	67	76009	5.66	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	113.20%
41) Toluene-d8	7.34	98	230966	5.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.80%
45) trans-1,3-Dichloropropene-	7.64	79	21597	3.86	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.20%
48) 2-Hexanone-d5	8.11	63	104939	49.24	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.48%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	50119	5.62	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	112.40%
65) 1,2-Dichlorobenzene-d4	11.65	152	91561	5.41	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.20%

Target Compounds

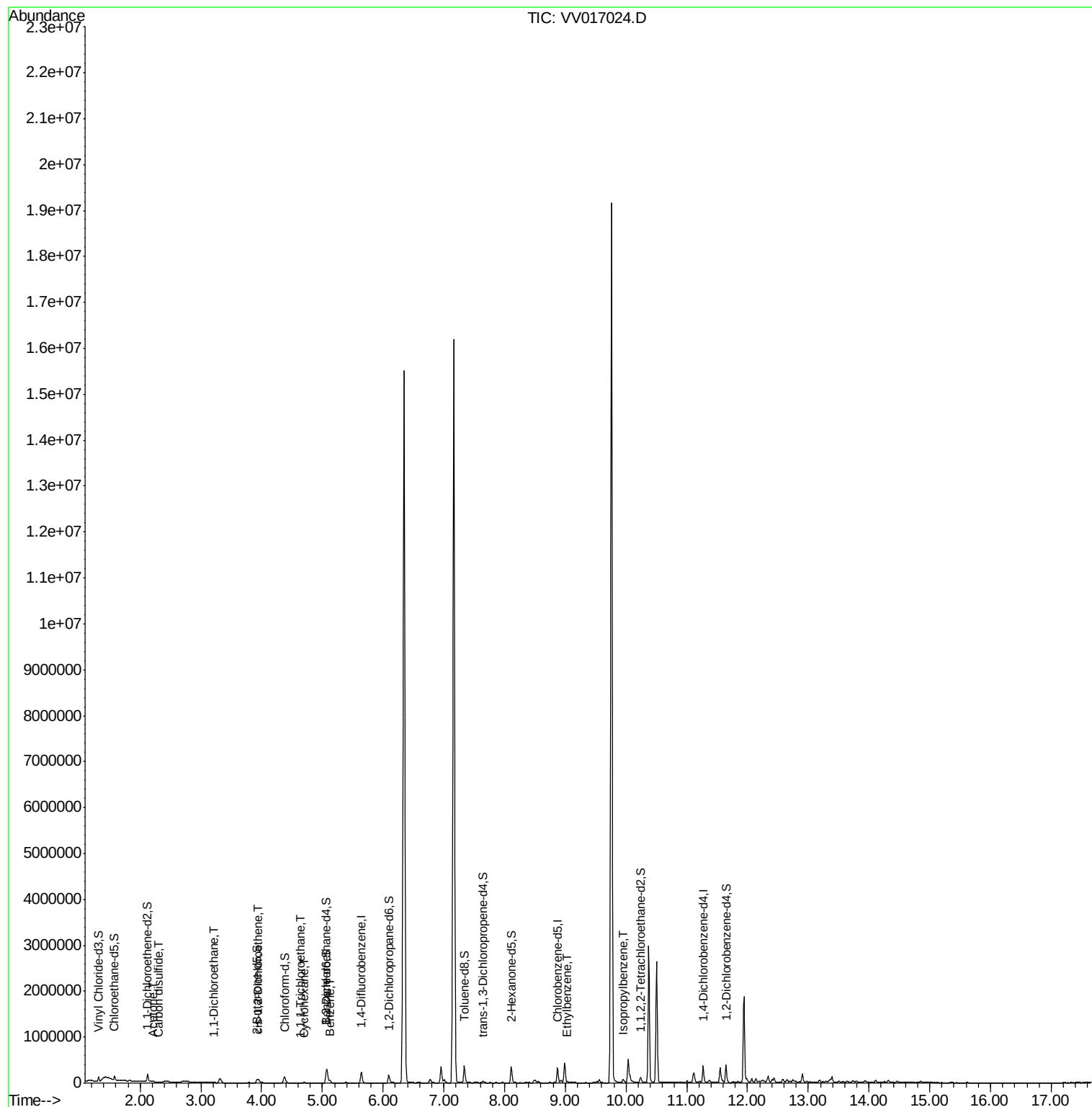
					Ovalue
13) Acetone	2.21	43	10149	6.896	ug/L 81
14) Carbon disulfide	2.31	76	5204	0.190	ug/L 97
19) 1,1-Dichloroethane	3.21	63	18313	0.842	ug/L 92
22) cis-1,2-Dichloroethene	3.94	96	6005	0.454	ug/L 96
29) 1,1,1-Trichloroethane	4.63	97	3393	0.164	ug/L # 88
30) Cyclohexane	4.70	56	7291	0.370	ug/L 99
33) Benzene	5.13	78	44943	0.993	ug/L 100
54) Ethylbenzene	9.04	91	21647	0.385	ug/L 95
58) Isopropylbenzene	9.95	105	34268	0.605	ug/L 100

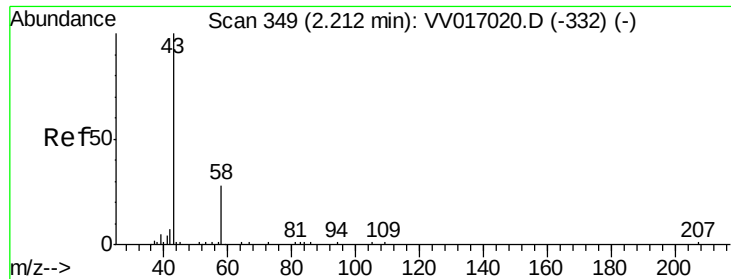
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 6.896 ug/L

RT: 2.21 min Scan# 347

Delta R.T. -0.01 min

Lab File: VV017024.D

Acq: 22 Jun 2020 18:10

Instrument :

MSVOA_V

ClientSampleId :

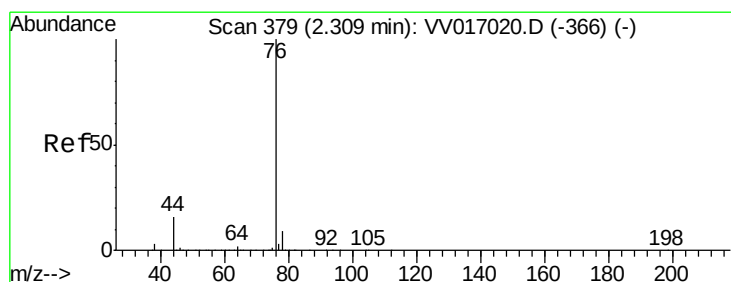
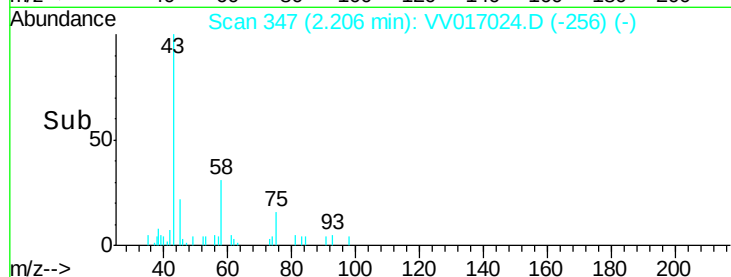
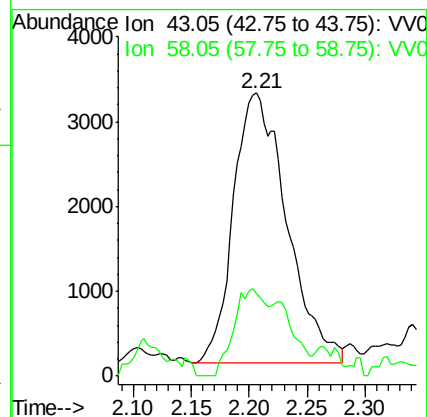
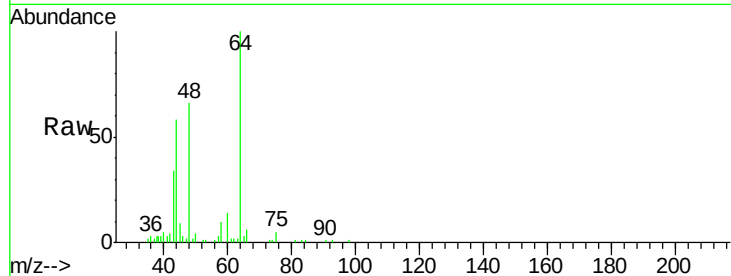
BFXG0

Tot Ion: 43 Resp: 10149

Ion Ratio Lower Upper

43 100

58 18.8 0.0 58.4



#14

Carbon disulfide

Concen: 0.190 ug/L

RT: 2.31 min Scan# 380

Delta R.T. 0.00 min

Lab File: VV017024.D

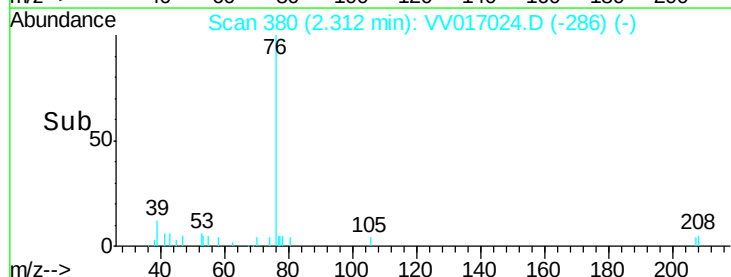
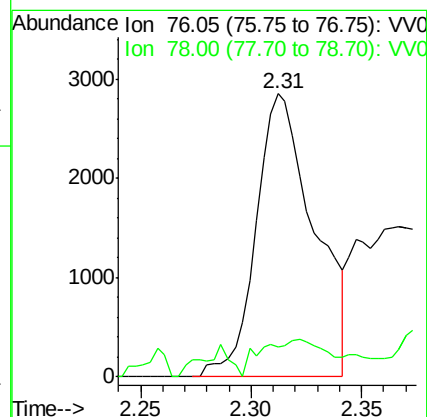
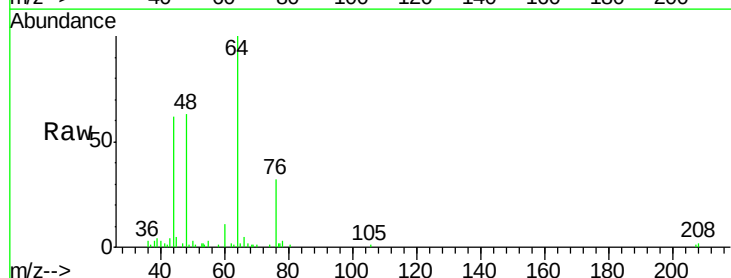
Acq: 22 Jun 2020 18:10

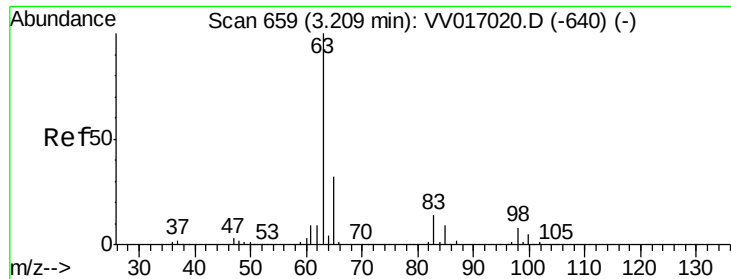
Tgt Ion: 76 Resp: 5204

Ion Ratio Lower Upper

76 100

78 10.7 7.7 11.5

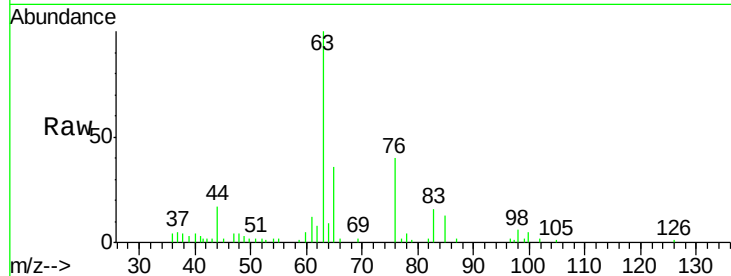




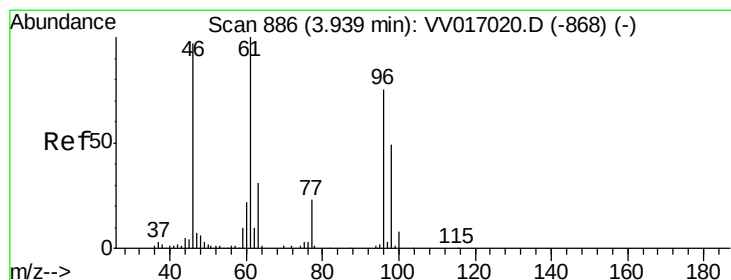
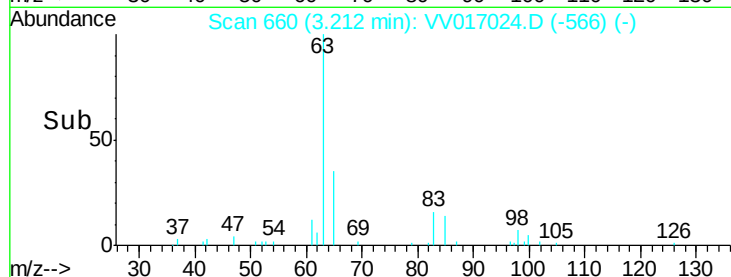
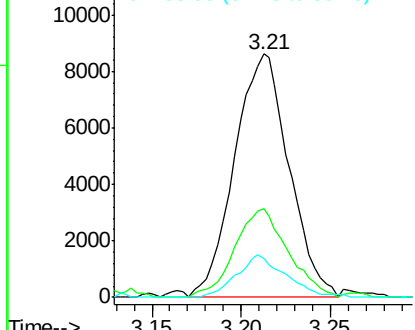
#19
 1,1-Dichloroethane
 Concen: 0.842 ug/L
 RT: 3.21 min Scan# 660
 Delta R.T. 0.00 min
 Lab File: VV017024.D
 Acq: 22 Jun 2020 18:10

Instrument :
 MSVOA_V
 ClientSampled :
 BFXG0

Tot Ion: 63 Resp: 18313
 Ion Ratio Lower Upper
 63 100
 65 36.2 21.8 40.4
 83 15.7 9.7 17.9

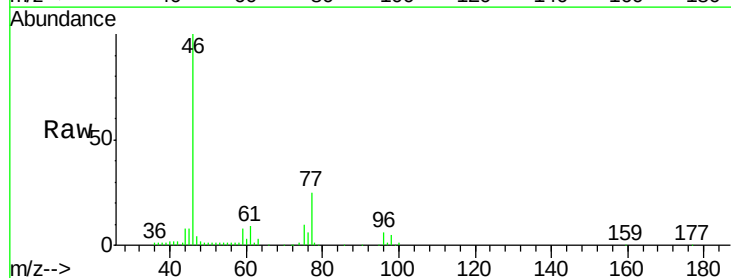


Abundance Ion 63.10 (62.80 to 63.80): VV0
 Ion 65.10 (64.80 to 65.80): VV0
 Ion 83.05 (82.75 to 83.75): VV0

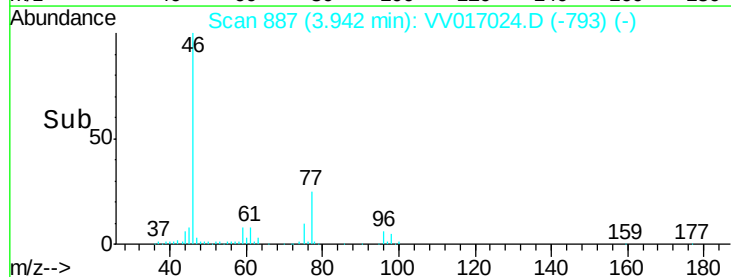
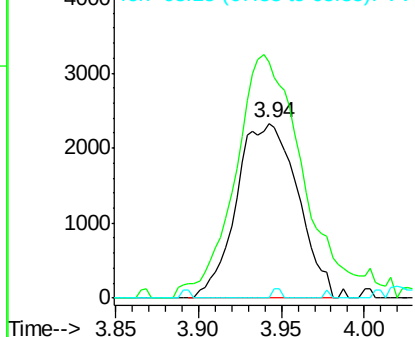


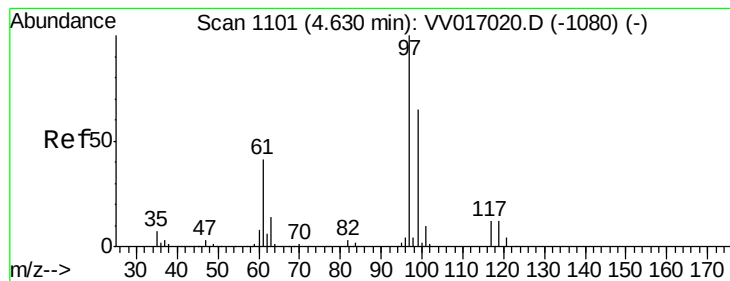
#22
 cis-1,2-Dichloroethene
 Concen: 0.454 ug/L
 RT: 3.94 min Scan# 887
 Delta R.T. 0.00 min
 Lab File: VV017024.D
 Acq: 22 Jun 2020 18:10

Tgt Ion: 96 Resp: 6005
 Ion Ratio Lower Upper
 96 100
 61 135.0 91.0 169.0
 68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VV0
 Ion 61.05 (60.75 to 61.75): VV0
 Ion 68.15 (67.85 to 68.85): VV0





#29

1,1,1-Trichloroethane

Concen: 0.164 ug/L

RT: 4.63 min Scan# 1102

Delta R.T. 0.00 min

Lab File: VV017024.D

Acq: 22 Jun 2020 18:10

Instrument :

MSVOA_V

ClientSampleId :

BFXG0

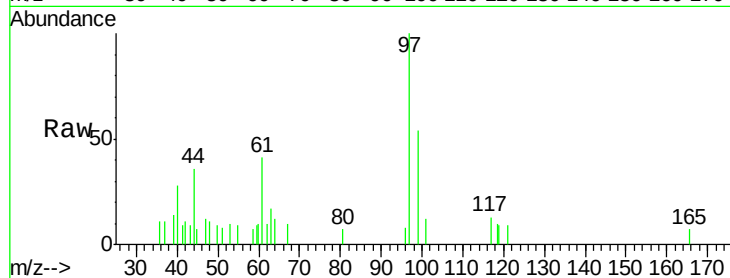
Tot Ion: 97 Resp: 3393

Ion Ratio Lower Upper

97 100

99 56.9 50.3 75.5

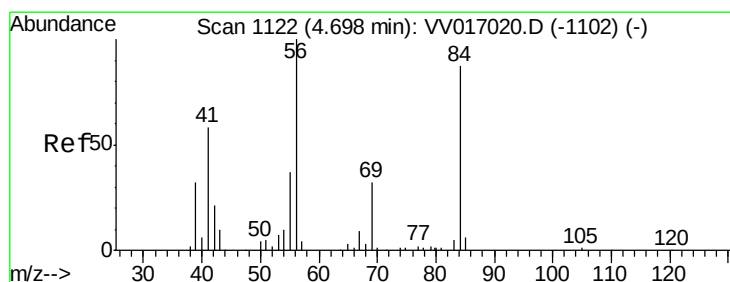
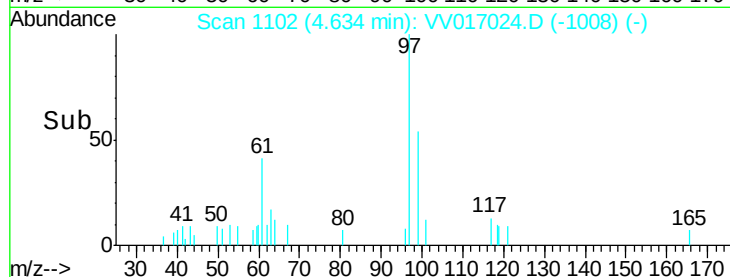
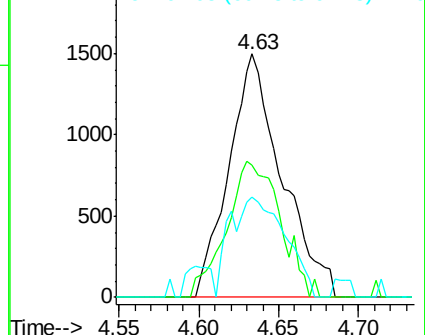
61 33.5 36.0 54.0#



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: 0.370 ug/L

RT: 4.70 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VV017024.D

Acq: 22 Jun 2020 18:10

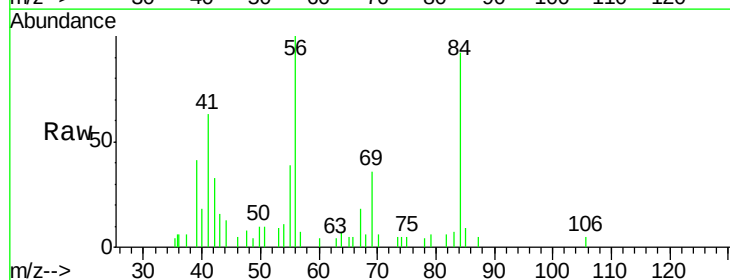
Tgt Ion: 56 Resp: 7291

Ion Ratio Lower Upper

56 100

69 31.5 24.4 36.6

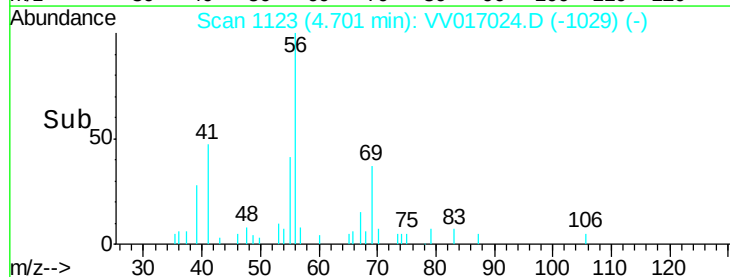
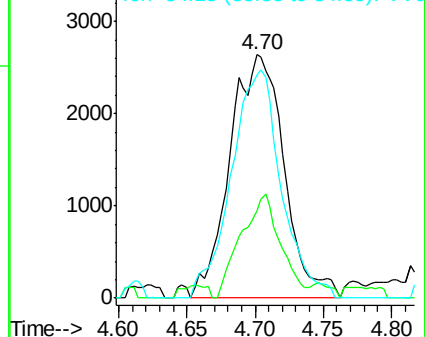
84 86.5 69.9 104.9

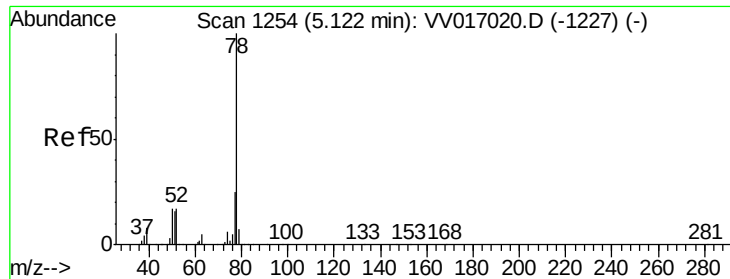


Abundance Ion 56.10 (55.80 to 56.80): VV0

Ion 69.15 (68.85 to 69.85): VV0

Ion 84.15 (83.85 to 84.85): VV0





#33

Benzene

Concen: 0.993 ug/L

RT: 5.13 min Scan# 1255

Delta R.T. 0.00 min

Lab File: VV017024.D

Acq: 22 Jun 2020 18:10

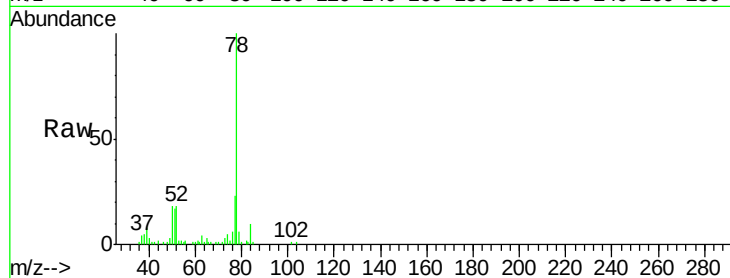
Instrument :

MSVOA_V

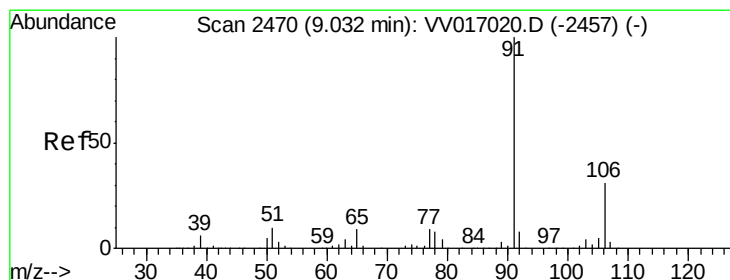
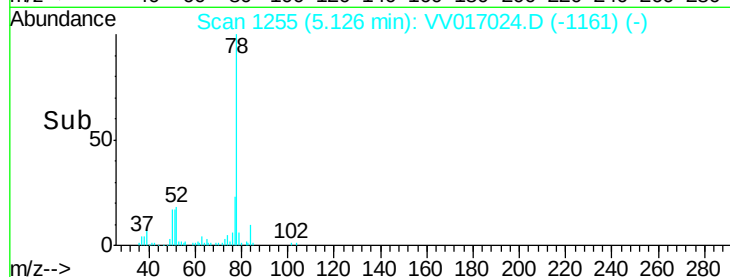
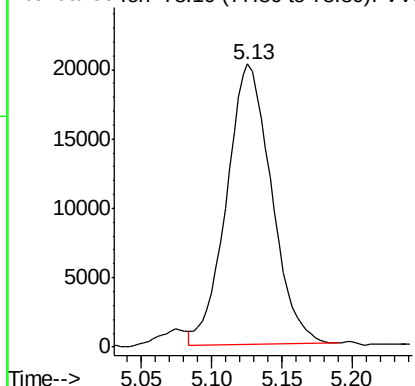
ClientSampleId :

BFXG0

Tgt Ion: 78 Resp: 44943



Abundance Ion 78.10 (77.80 to 78.80): VV0



#54

Ethylbenzene

Concen: 0.385 ug/L

RT: 9.04 min Scan# 2471

Delta R.T. 0.00 min

Lab File: VV017024.D

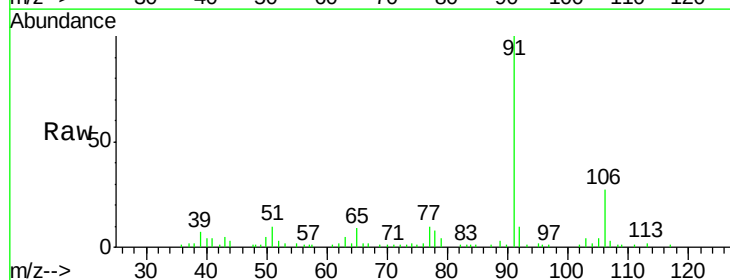
Acq: 22 Jun 2020 18:10

Tgt Ion: 91 Resp: 21647

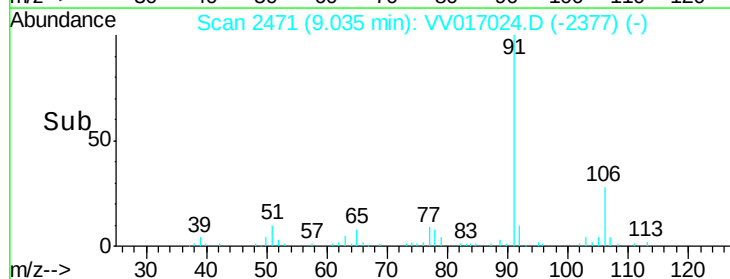
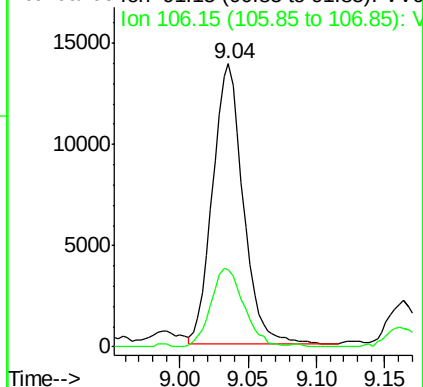
Ion Ratio Lower Upper

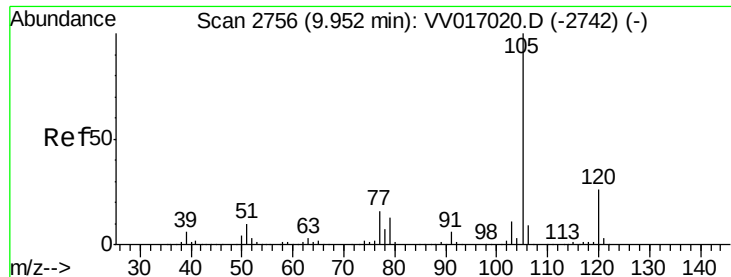
91 100

106 27.4 21.1 39.1



Abundance Ion 91.15 (90.85 to 91.85): VV0





#58

Isopropylbenzene

Concen: 0.605 ug/L

RT: 9.95 min Scan# 2756

Delta R.T. -0.00 min

Lab File: VV017024.D

Acq: 22 Jun 2020 18:10

Instrument :

MSVOA_V

ClientSampleId :

BFXG0

Tot Ion:105 Resp: 34268

Ion Ratio Lower Upper

105 100

120 26.9 21.2 31.8

77 16.2 13.0 19.4

