

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062320\
 Data File : VV017026.D
 Acq On : 22 Jun 2020 18:58
 Operator : SY/MD
 Sample : L3067-05
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFXG2

Quant Time: Jun 23 05:44:52 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	198635	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	186958	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	93878	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	62869	5.27	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	105.40%
7) Chloroethane-d5	1.58	69	48548	5.60	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	112.00%
11) 1,1-Dichloroethene-d2	2.12	63	88410	3.90	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.00%
20) 2-Butanone-d5	3.95	46	159146	52.38	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.76%
24) Chloroform-d	4.38	84	132809	5.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.20%
26) 1,2-Dichloroethane-d4	5.06	65	72661	5.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.40%
32) Benzene-d6	5.07	84	264138	5.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.00%
36) 1,2-Dichloropropane-d6	6.09	67	76524	5.27	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.40%
41) Toluene-d8	7.34	98	238331	5.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.80%
45) trans-1,3-Dichloropropene-	7.64	79	22611	3.74	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.80%
48) 2-Hexanone-d5	8.11	63	108909	47.26	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.52%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	54123	5.61	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	112.20%
65) 1,2-Dichlorobenzene-d4	11.65	152	97340	5.61	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	112.20%

Target Compounds

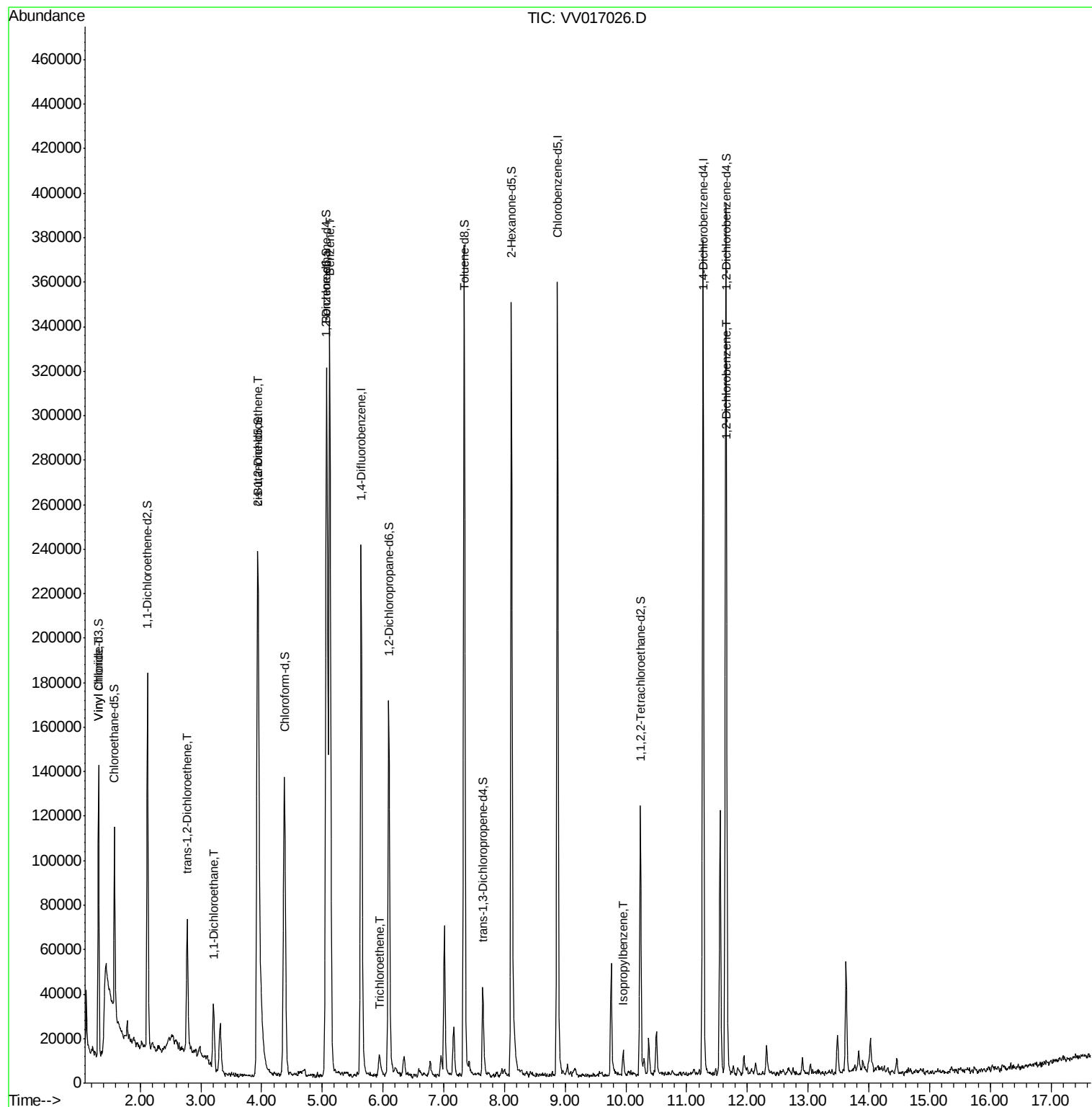
					Ovalue
5) Vinyl chloride	1.32	62	15022	1.152 ug/L	90
18) trans-1,2-Dichloroethene	2.78	96	20983	2.077 ug/L	93
19) 1,1-Dichloroethane	3.21	63	29993	1.321 ug/L	98
22) cis-1,2-Dichloroethene	3.94	96	98114	7.102 ug/L	100
33) Benzene	5.12	78	330264	6.745 ug/L	100
34) Trichloroethene	5.94	95	2706	0.189 ug/L	93
58) Isopropylbenzene	9.95	105	5987	0.098 ug/L	96
66) 1,2-Dichlorobenzene	11.67	146	10724	0.418 ug/L	90

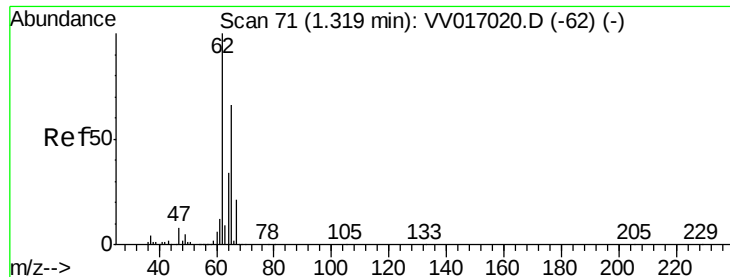
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#5

Vinyl chloride

Concen: 1.152 ug/L

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VV017026.D

Acq: 22 Jun 2020 18:58

Instrument :

MSVOA_V

ClientSampled :

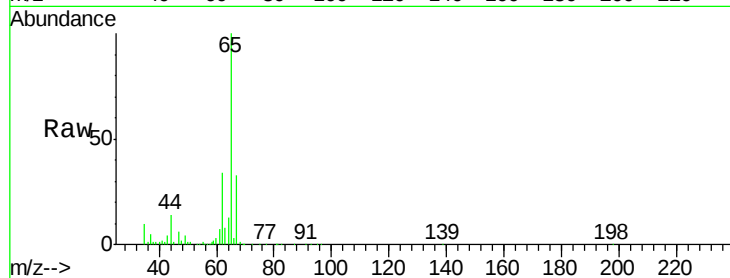
BFXG2

Tot Ion: 62 Resp: 15022

Ion Ratio Lower Upper

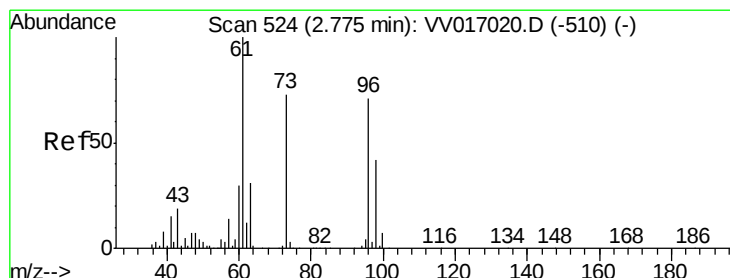
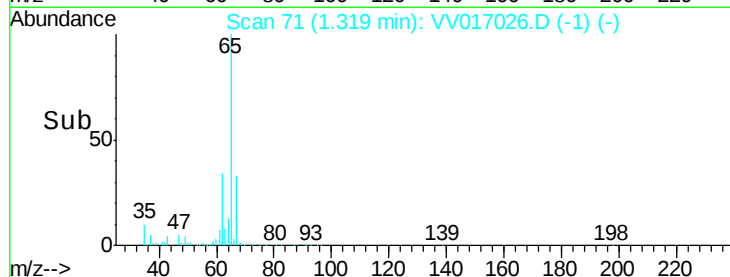
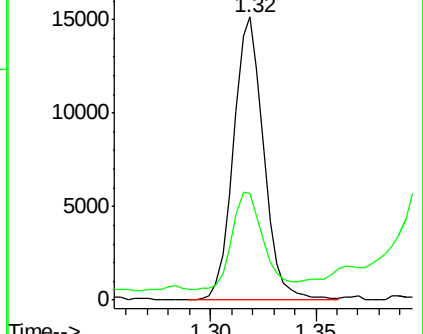
62 100

64 37.7 22.5 41.7



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.10 (63.80 to 64.80): VV0



#18

trans-1,2-Dichloroethene

Concen: 2.077 ug/L

RT: 2.78 min Scan# 524

Delta R.T. 0.00 min

Lab File: VV017026.D

Acq: 22 Jun 2020 18:58

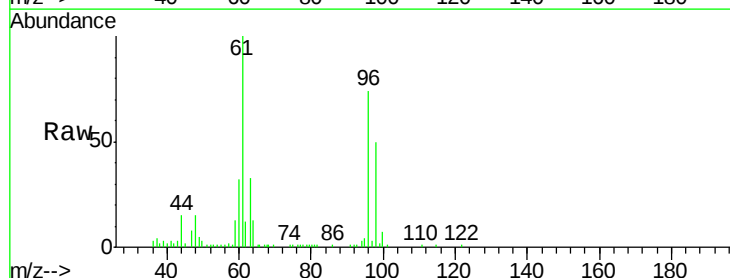
Tgt Ion: 96 Resp: 20983

Ion Ratio Lower Upper

96 100

61 135.9 102.3 189.9

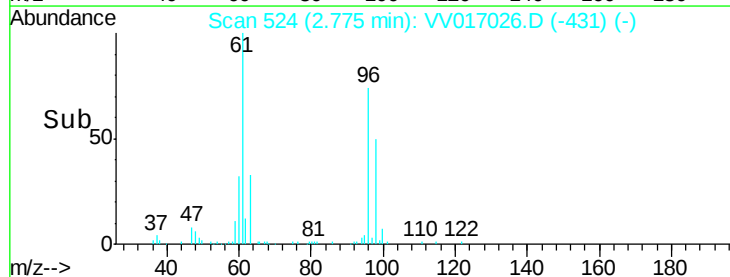
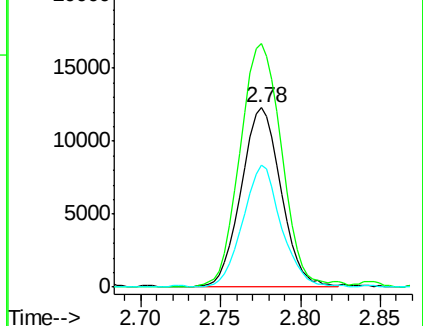
98 68.3 44.7 82.9

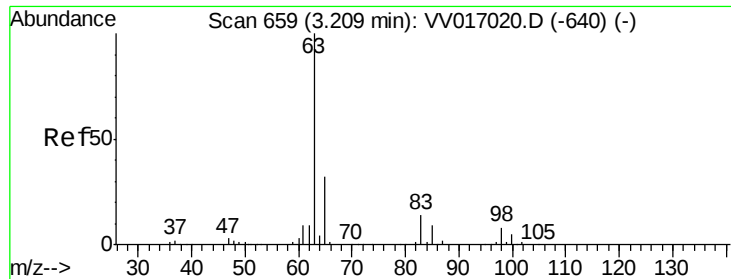


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 97.95 (97.65 to 98.65): VV0

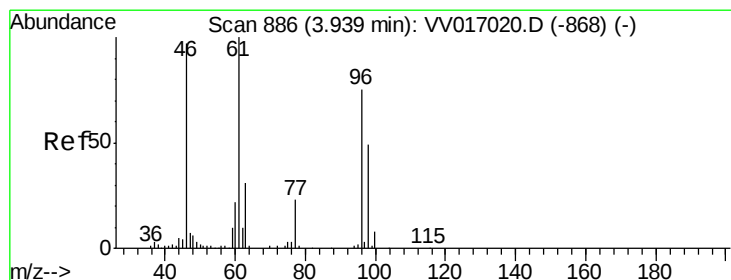
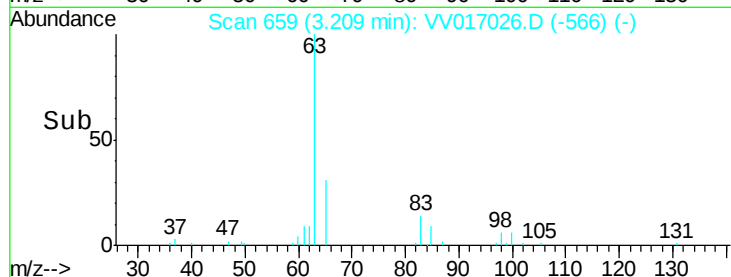
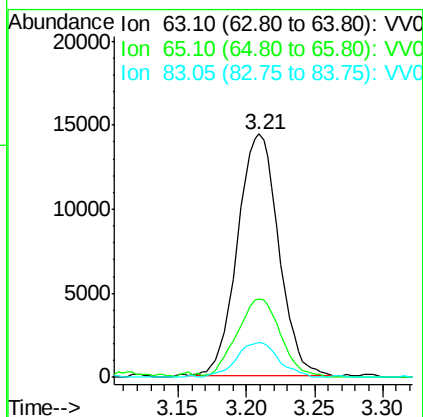
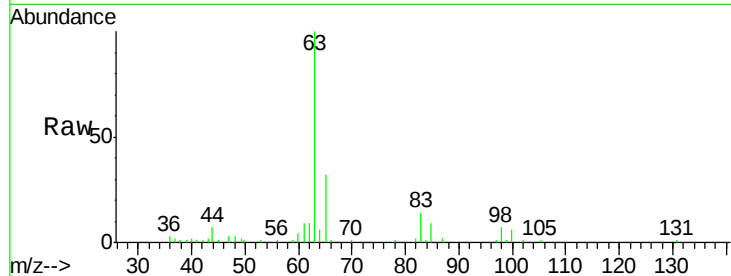




#19
 1,1-Dichloroethane
 Concen: 1.321 ug/L
 RT: 3.21 min Scan# 659
 Delta R.T. 0.00 min
 Lab File: VV017026.D
 Acq: 22 Jun 2020 18:58

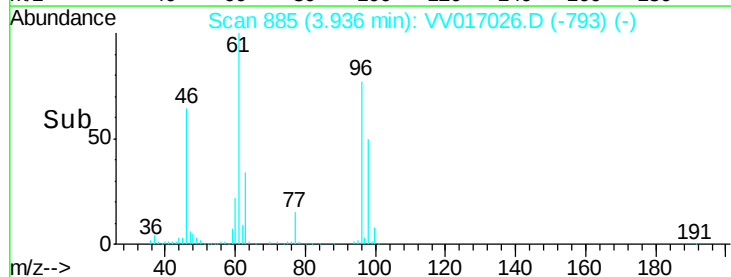
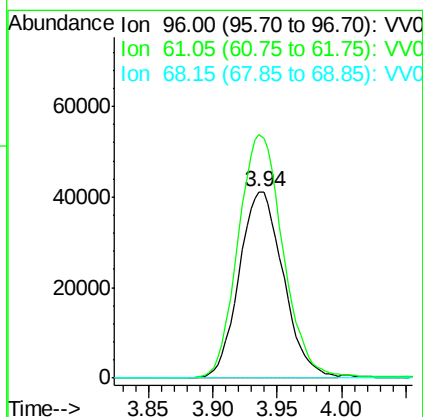
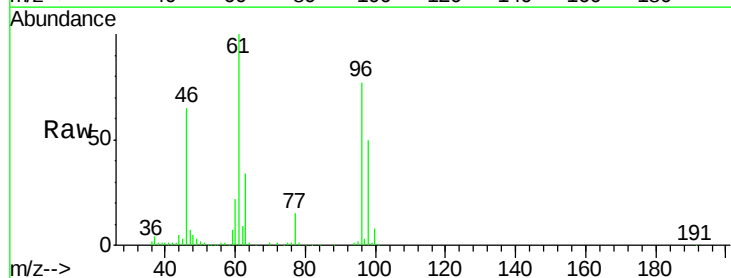
Instrument :
 MSVOA_V
 ClientSampleId :
 BFXG2

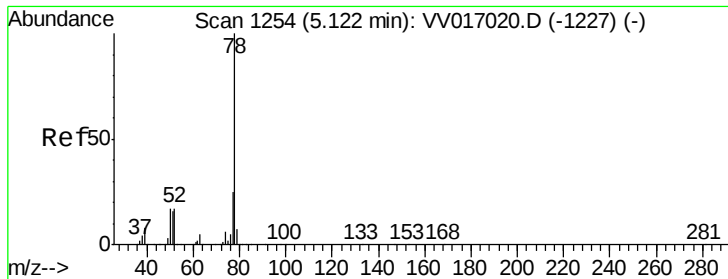
Tot Ion	63	Resp	29993
Ion	Ratio	Lower	Upper
63	100		
65	32.3	21.8	40.4
83	14.2	9.7	17.9



#22
 cis-1,2-Dichloroethene
 Concen: 7.102 ug/L
 RT: 3.94 min Scan# 885
 Delta R.T. -0.00 min
 Lab File: VV017026.D
 Acq: 22 Jun 2020 18:58

Tgt Ion	96	Resp	98114
Ion	Ratio	Lower	Upper
96	100		
61	130.6	91.0	169.0
68	0.0	0.0	0.0





#33

Benzene

Concen: 6.745 ug/L

RT: 5.12 min Scan# 1254

Delta R.T. 0.00 min

Lab File: VV017026.D

Acq: 22 Jun 2020 18:58

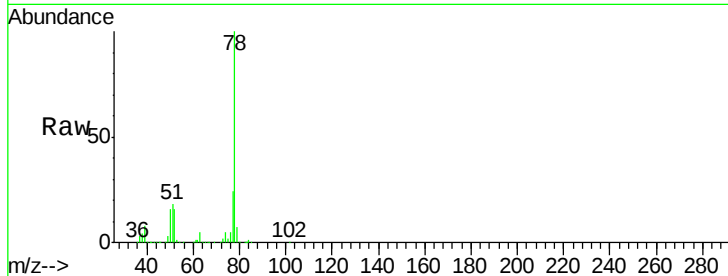
Instrument :

MSVOA_V

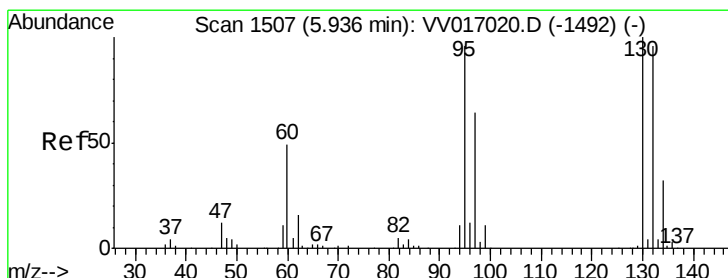
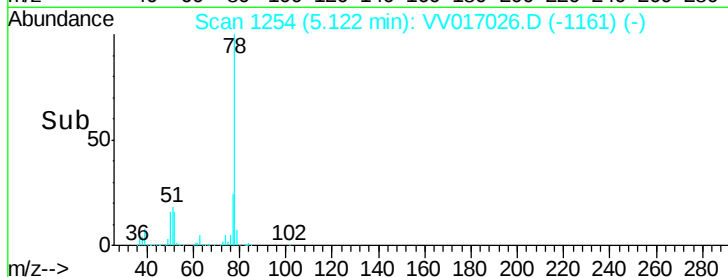
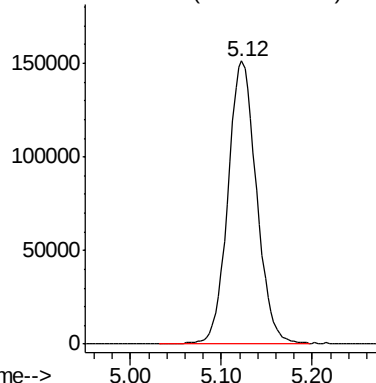
ClientSampleId :

BFXG2

Tgt Ion: 78 Resp: 330264



Abundance Ion 78.10 (77.80 to 78.80): VV0



#34

Trichloroethene

Concen: 0.189 ug/L

RT: 5.94 min Scan# 1509

Delta R.T. 0.01 min

Lab File: VV017026.D

Acq: 22 Jun 2020 18:58

Tgt Ion: 95 Resp: 2706

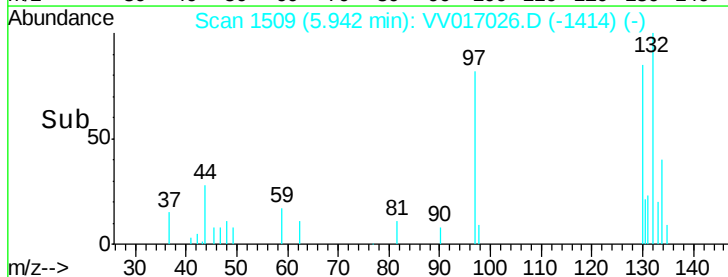
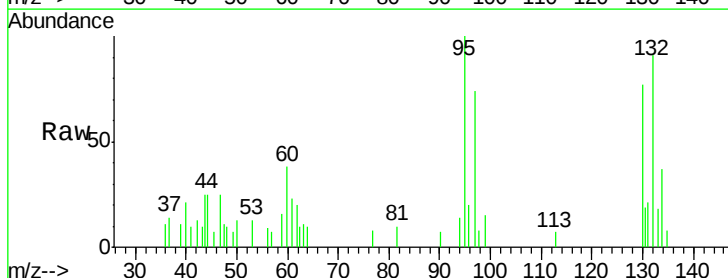
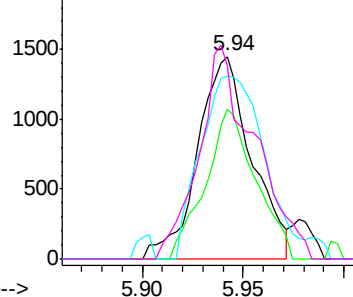
Ion	Ratio	Lower	Upper
95	100		
97	74.0	45.3	84.1
132	90.7	68.8	127.8
130	95.8	70.2	130.4

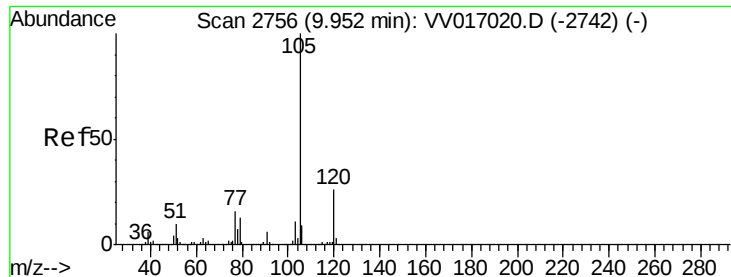
Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): VV0

Ion 129.95 (129.65 to 130.65): VV0





#58

Isopropylbenzene

Concen: 0.098 ug/L

RT: 9.95 min Scan# 2756

Delta R.T. 0.00 min

Lab File: VV017026.D

Acq: 22 Jun 2020 18:58

Instrument :

MSVOA_V

ClientSampleId :

BFXG2

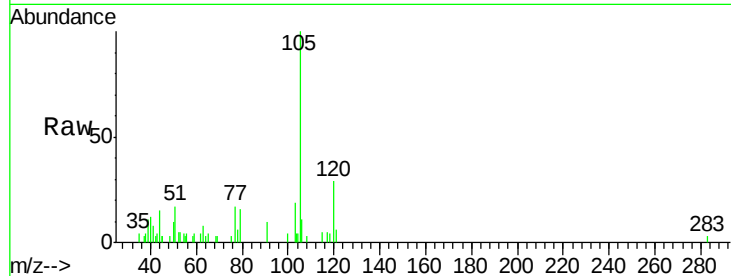
Tot Ion:105 Resp: 5987

Ion Ratio Lower Upper

105 100

120 25.1 21.2 31.8

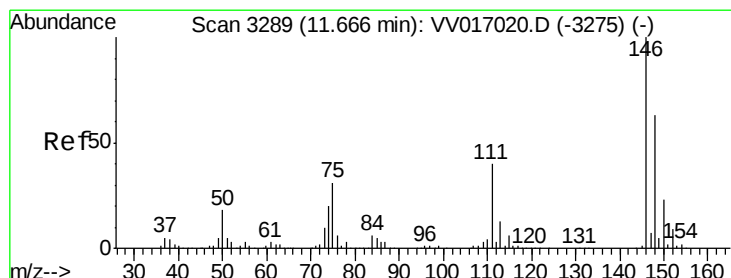
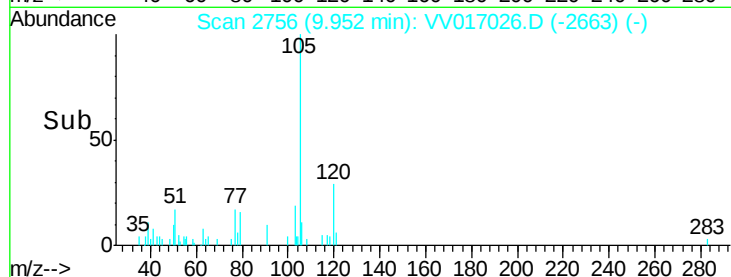
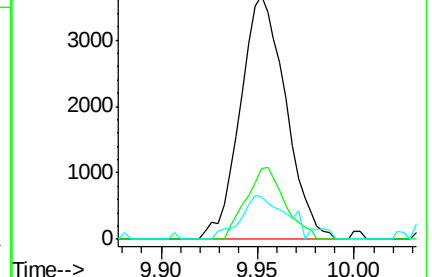
77 18.4 13.0 19.4



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.10 (119.80 to 120.80): V

Ion 77.10 (76.80 to 77.80): V



#66

1,2-Dichlorobenzene

Concen: 0.418 ug/L

RT: 11.67 min Scan# 3289

Delta R.T. 0.00 min

Lab File: VV017026.D

Acq: 22 Jun 2020 18:58

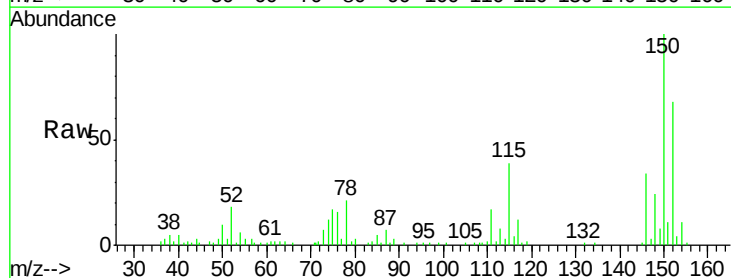
Tgt Ion:146 Resp: 10724

Ion Ratio Lower Upper

146 100

111 50.8 34.4 51.6

148 69.5 49.9 74.9



Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

