

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100320\
 Data File : VV018664.D
 Acq On : 03 Oct 2020 18:54
 Operator : SY/MD
 Sample : L4254-01
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3P1

Quant Time: Oct 05 04:58:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Oct 05 04:50:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	300114	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	298402	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	144400	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	77454	44.01	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.02%
7) Chloroethane-d5	1.58	69	71305	49.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.00%
11) 1,1-Dichloroethene-d2	2.12	63	128963	35.96	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.92%
21) 2-Butanone-d5	3.90	46	106180	80.87	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	80.87%
24) Chloroform-d	4.38	84	167926	44.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.24%
26) 1,2-Dichloroethane-d4	5.06	65	113890	47.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.28%
32) Benzene-d6	5.07	84	321158	42.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.98%
36) 1,2-Dichloropropane-d6	6.09	67	100199	43.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.74%
41) Toluene-d8	7.34	98	289697	40.74	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	81.48%
43) trans-1,3-Dichloropropene-	7.64	79	50849	41.22	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.44%
47) 2-Hexanone-d5	8.11	63	60648	69.92	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	69.92%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	115027	37.99	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	75.98%
64) 1,2-Dichlorobenzene-d4	11.65	152	131899	47.50	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.00%

Target Compounds

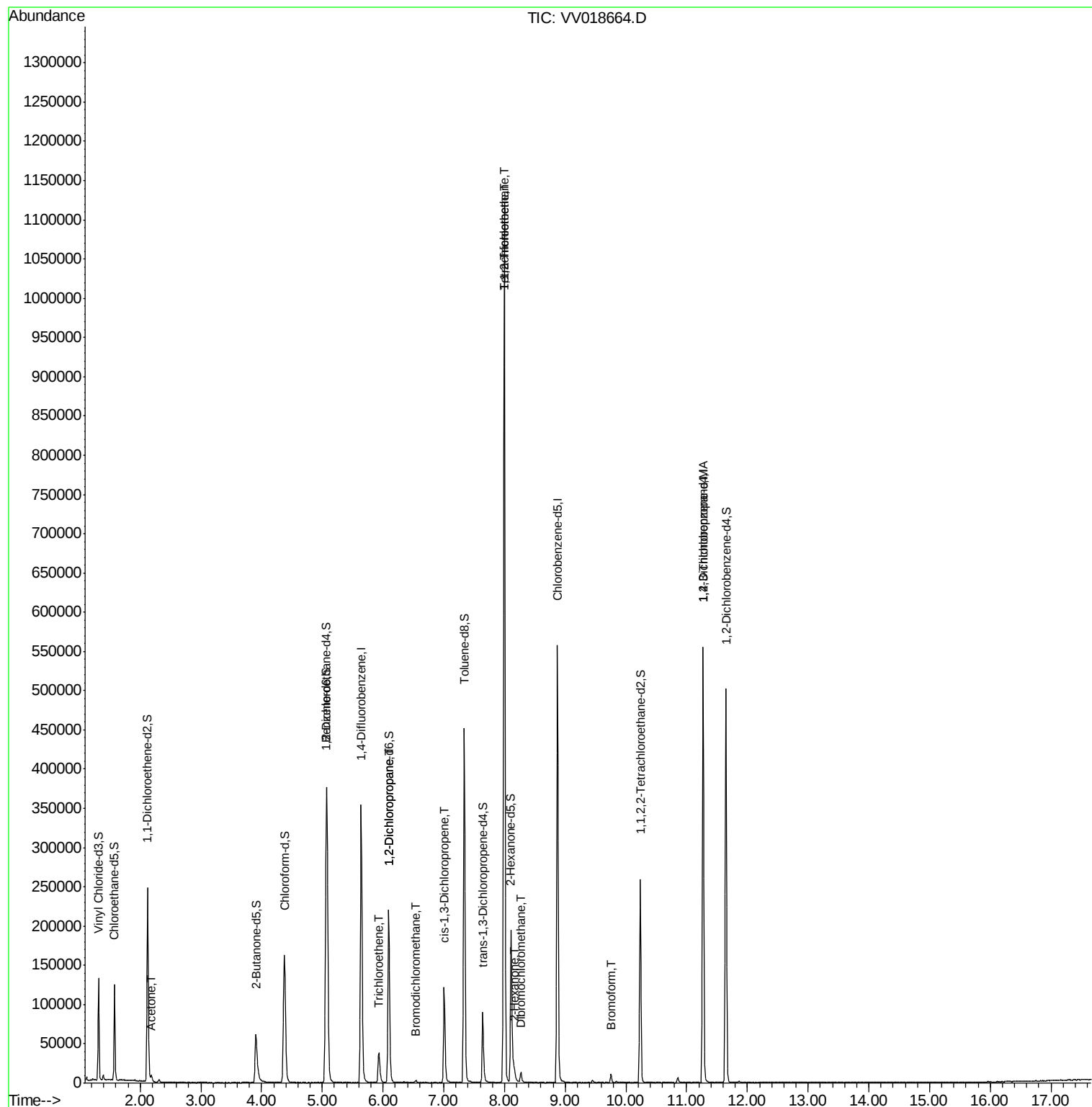
					Ovalue
13) Acetone	2.19	43	8408	7.413 ug/L	96
34) Trichloroethene	5.94	95	4623	1.816 ug/L	91
37) 1,2-Dichloropropane	6.09	63	12189	5.419 ug/L #	85
38) Bromodichloromethane	6.54	83	2274	0.755 ug/L #	88
39) cis-1,3-Dichloropropene	7.01	75	3126	0.886 ug/L	91
45) 1,1,2-Trichloroethane	8.00	97	2125	0.954 ug/L #	7
46) Tetrachloroethene	8.00	164	251064	121.593 ug/L	99
48) 2-Hexanone	8.16	43	9168	4.049 ug/L #	70
49) Dibromochloromethane	8.27	129	6351	2.494 ug/L	97
59) 1,2,3-Trichloropropane	11.27	75	15797	5.774 ug/L	90
61) Bromoform	9.75	173	5064	3.053 ug/L	99

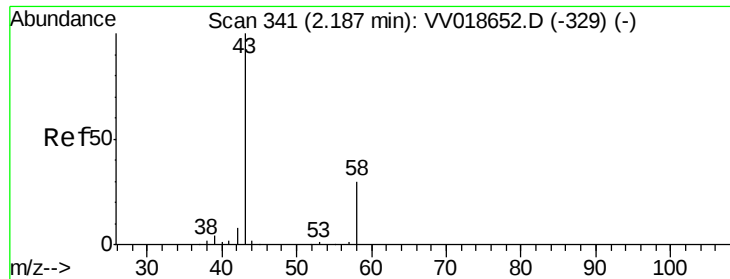
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Acq On : 03 Oct 2020 18:54
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Quant Time: Oct 05 04:58:47 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Oct 05 04:50:26 2020
Response via : Initial Calibration





#13

Acetone

Concen: 7.413 ug/L

RT: 2.19 min Scan# 341

Delta R.T. -0.00 min

Lab File: VV018664.D

Acq: 03 Oct 2020 18:54

Instrument :

MSVOA_V

ClientSampleId :

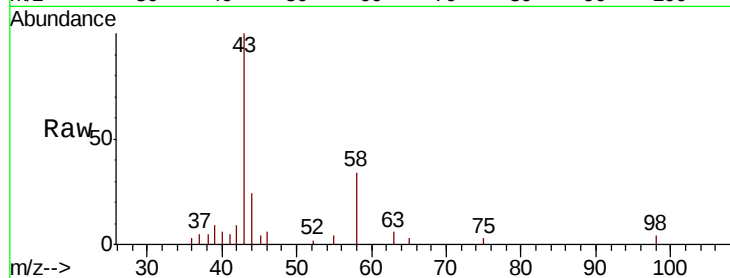
BG3P1

Tot Ion: 43 Resp: 8408

Ion Ratio Lower Upper

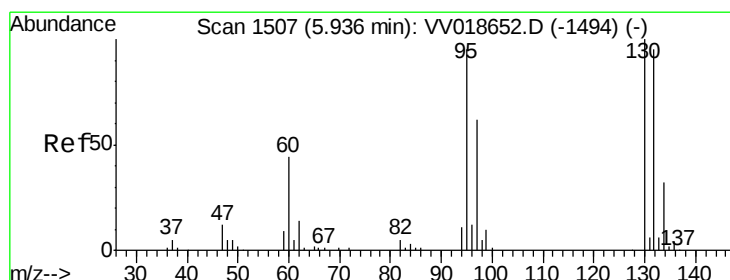
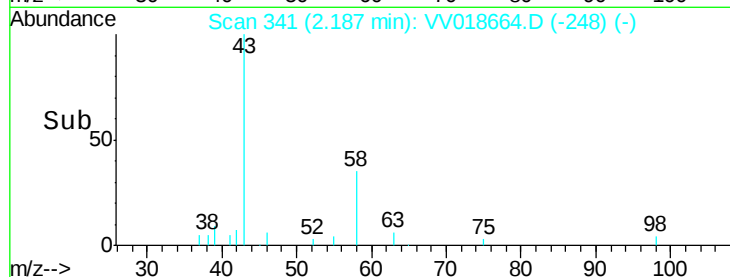
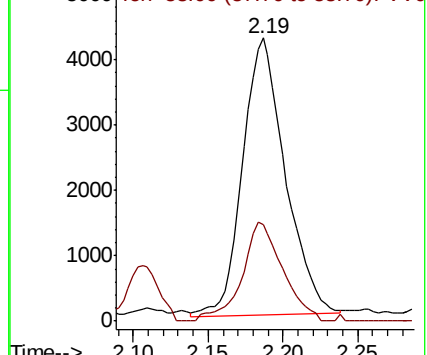
43 100

58 34.1 0.0 64.0



Abundance Ion 43.00 (42.70 to 43.70): VV018652.D (-329) (-)

Ion 58.00 (57.70 to 58.70): VV018652.D (-329) (-)



#34

Trichloroethene

Concen: 1.816 ug/L

RT: 5.94 min Scan# 1508

Delta R.T. 0.00 min

Lab File: VV018664.D

Acq: 03 Oct 2020 18:54

Tgt Ion: 95 Resp: 4623

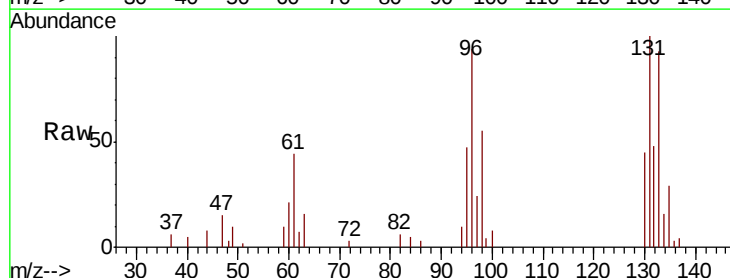
Ion Ratio Lower Upper

95 100

97 51.5 45.9 85.3

132 102.1 70.8 131.4

130 96.8 75.3 139.8

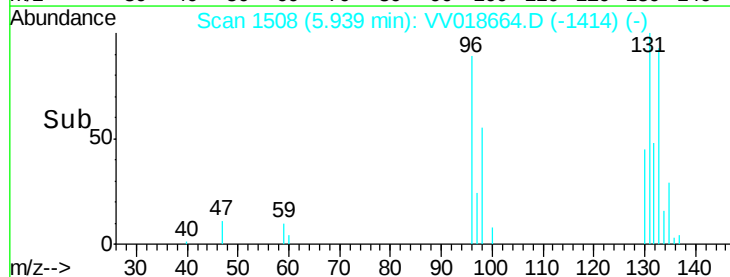
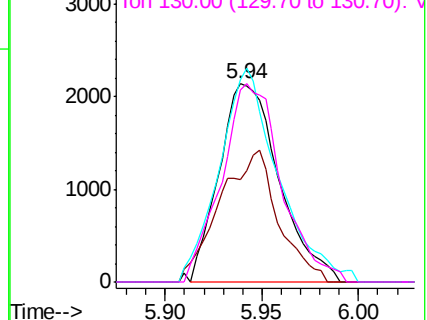


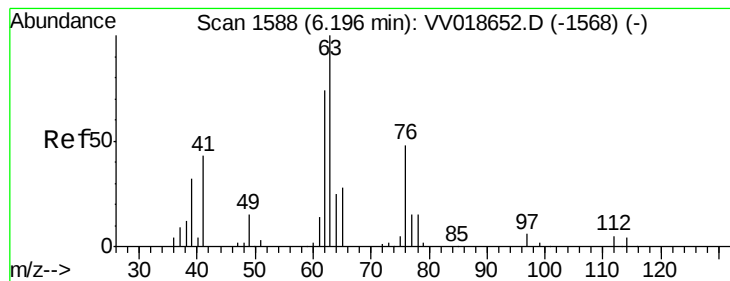
Abundance Ion 95.00 (94.70 to 95.70): VV018652.D (-1494) (-)

Ion 97.00 (96.70 to 97.70): VV018652.D (-1494) (-)

Ion 132.00 (131.70 to 132.70): VV018652.D (-1494) (-)

Ion 130.00 (129.70 to 130.70): VV018652.D (-1494) (-)





#37

1,2-Dichloropropane

Concen: 5.419 ug/L

RT: 6.09 min Scan# 1556

Delta R.T. -0.10 min

Lab File: VV018664.D

Acq: 03 Oct 2020 18:54

Instrument :

MSVOA_V

ClientSampleId :

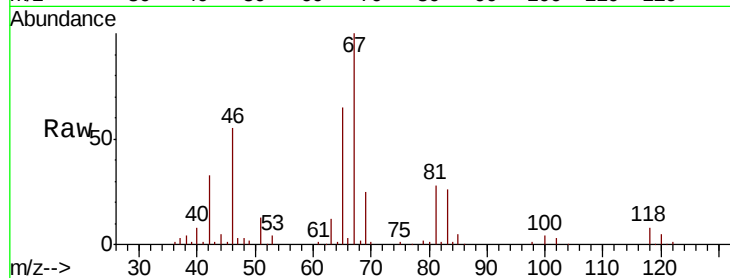
BG3P1

Tot Ion: 63 Resp: 12189

Ion Ratio Lower Upper

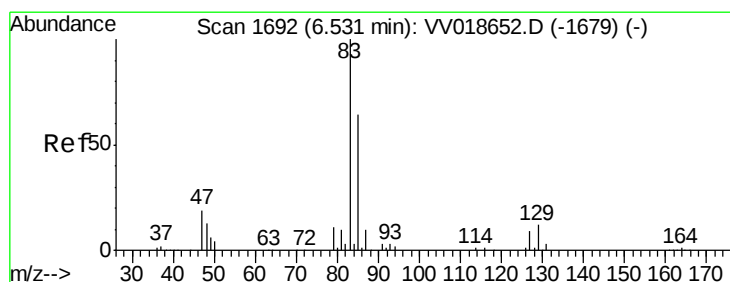
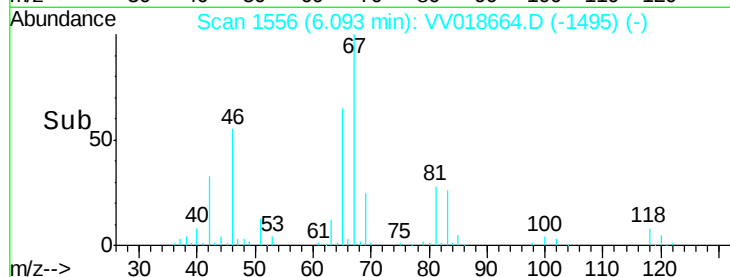
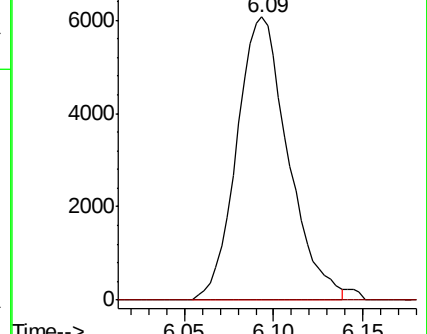
63 100

112 0.0 3.9 5.9#



Abundance Ion 63.00 (62.70 to 63.70): VV018652.D (-1568) (-)

Ion 112.00 (111.70 to 112.70): VV018652.D (-1568) (-)



#38

Bromodichloromethane

Concen: 0.755 ug/L

RT: 6.54 min Scan# 1695

Delta R.T. 0.01 min

Lab File: VV018664.D

Acq: 03 Oct 2020 18:54

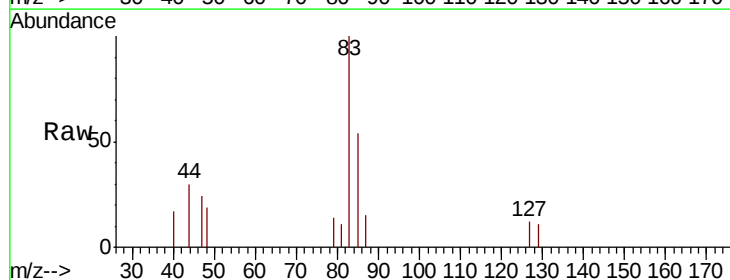
Tgt Ion: 83 Resp: 2274

Ion Ratio Lower Upper

83 100

85 53.9 44.5 82.7

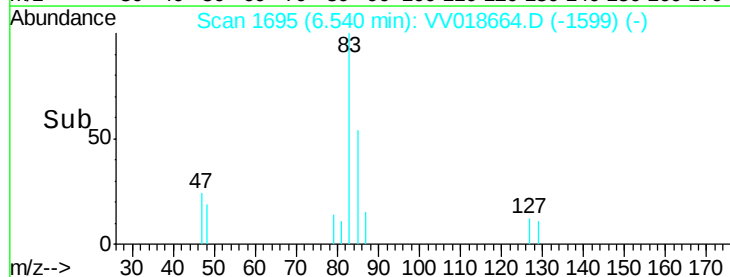
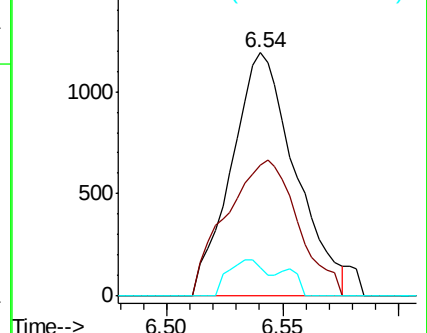
127 11.8 7.2 10.8#

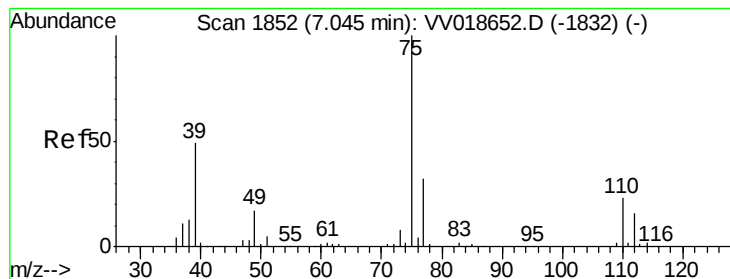


Abundance Ion 83.00 (82.70 to 83.70): VV018652.D (-1679) (-)

Ion 85.00 (84.70 to 85.70): VV018652.D (-1679) (-)

Ion 127.00 (126.70 to 127.70): VV018652.D (-1679) (-)



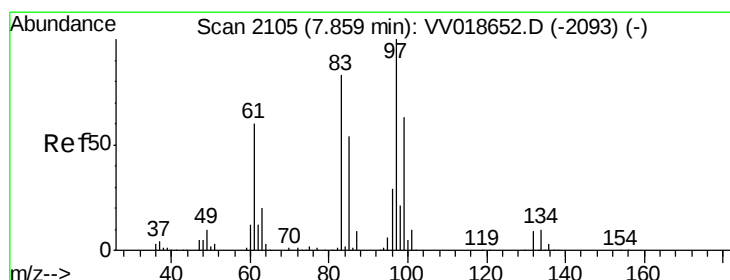
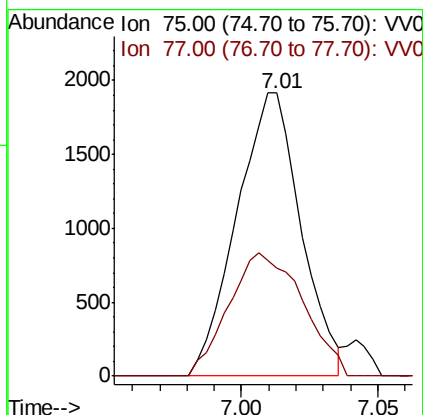
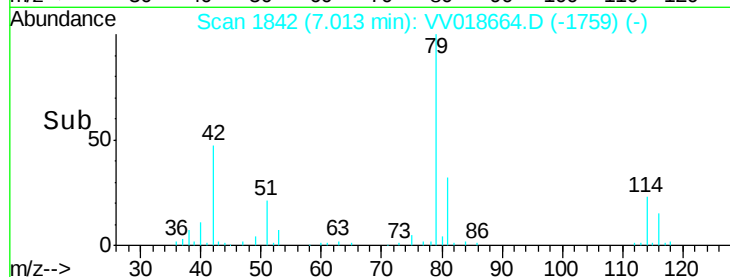
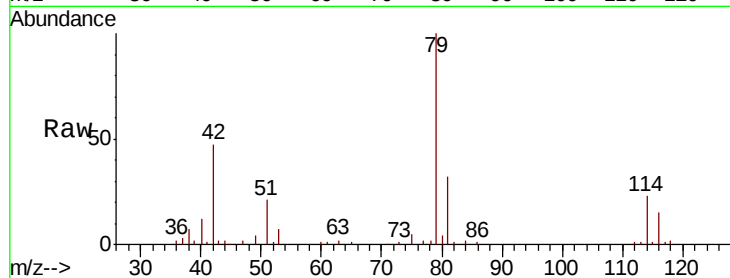


#39

cis-1,3-Dichloropropene
Concen: 0.886 ug/L
RT: 7.01 min Scan# 1842
Delta R.T. -0.03 min
Lab File: VV018664.D
Acq: 03 Oct 2020 18:54

Instrument :
MSVOA_V
ClientSampled :
BG3P1

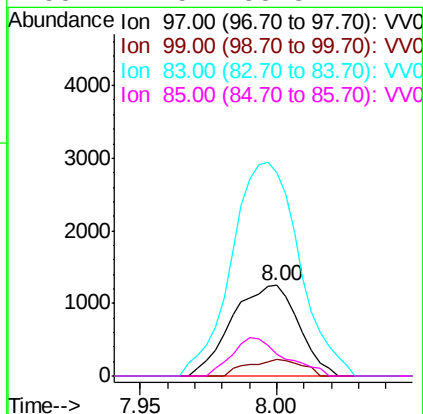
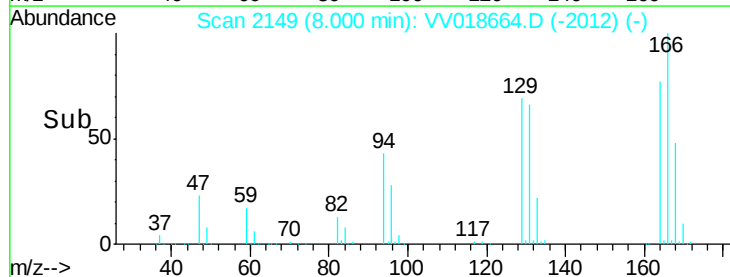
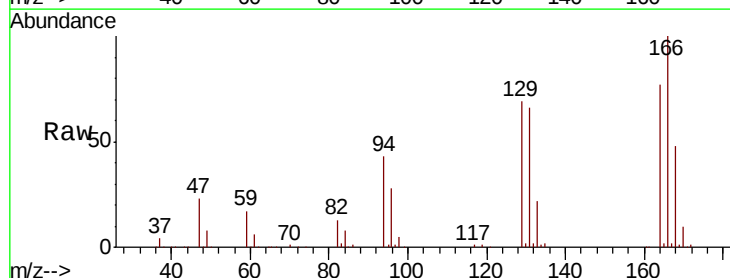
Tot Ion: 75 Resp: 3126
Ion Ratio Lower Upper
75 100
77 38.1 23.0 42.6

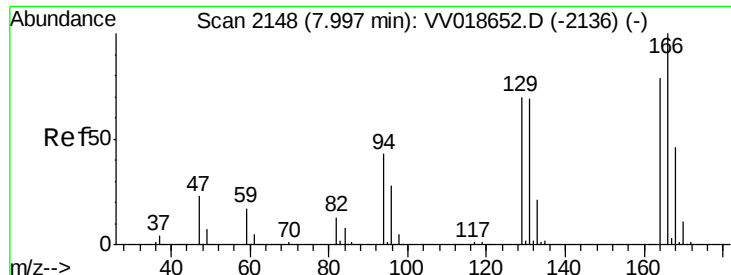


#45

1,1,2-Trichloroethane
Concen: 0.954 ug/L
RT: 8.00 min Scan# 2149
Delta R.T. 0.14 min
Lab File: VV018664.D
Acq: 03 Oct 2020 18:54

Tgt Ion: 97 Resp: 2125
Ion Ratio Lower Upper
97 100
99 18.0 43.3 80.3#
83 224.7 60.5 112.5#
85 24.5 38.3 71.1#





#46

Tetrachloroethene

Concen: 121.593 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. -0.00 min

Lab File: VV018664.D

Acq: 03 Oct 2020 18:54

Instrument :
MSVOA_V
ClientSampleId :
BG3P1

Tot Ion:164 Resp: 251064

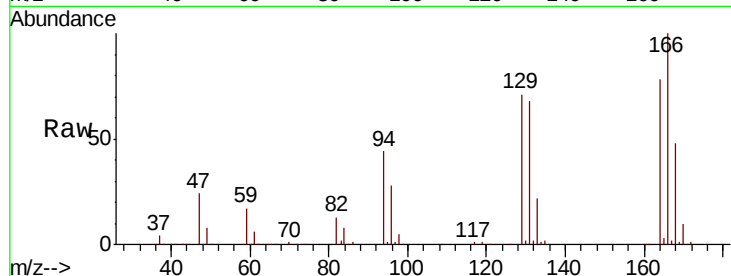
Ion Ratio Lower Upper

164 100

129 90.9 62.8 116.6

131 86.3 60.8 112.8

166 127.6 88.9 165.1

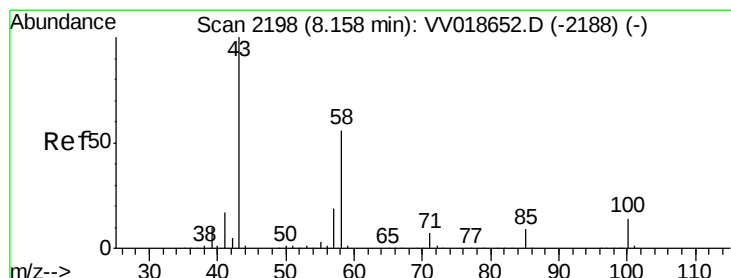
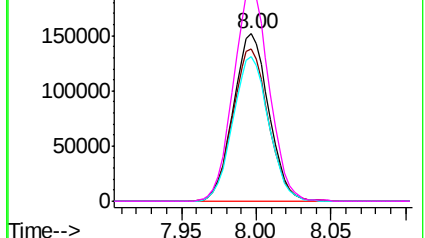
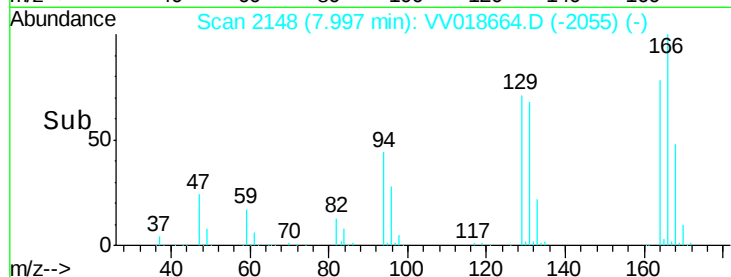


Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V



#48

2-Hexanone

Concen: 4.049 ug/L

RT: 8.16 min Scan# 2200

Delta R.T. 0.01 min

Lab File: VV018664.D

Acq: 03 Oct 2020 18:54

Tgt Ion: 43 Resp: 9168

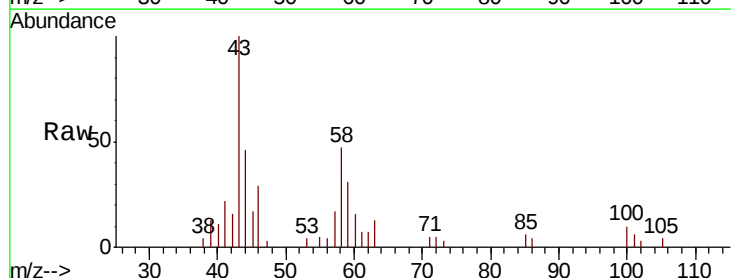
Ion Ratio Lower Upper

43 100

58 34.6 45.1 67.7#

57 3.0 15.7 23.5#

100 4.8 11.0 16.4#

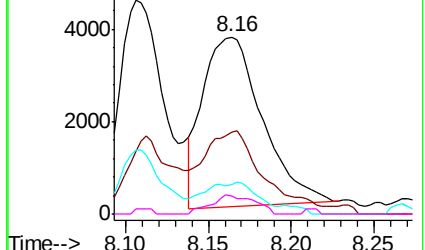
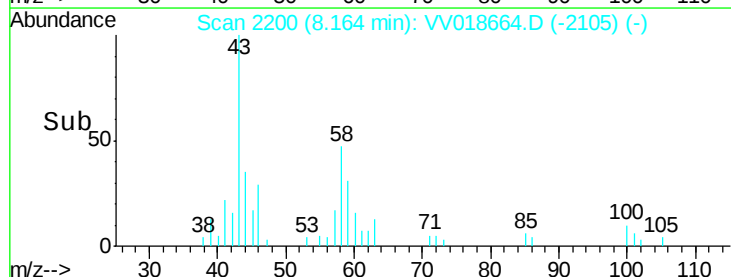


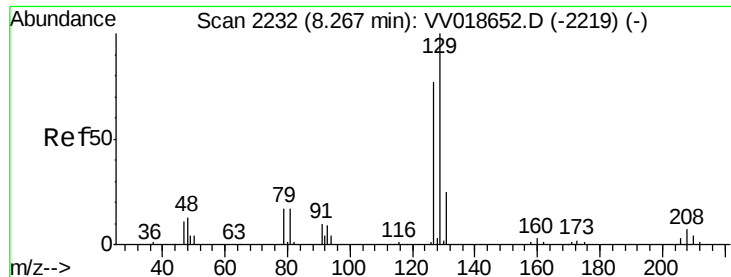
Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

Ion 57.00 (56.70 to 57.70): VV0

Ion 100.00 (99.70 to 100.70): VV0





#49

Dibromochloromethane

Concen: 2.494 ug/L

RT: 8.27 min Scan# 2233

Delta R.T. 0.00 min

Lab File: VV018664.D

Acq: 03 Oct 2020 18:54

Instrument :

MSVOA_V

ClientSampleId :

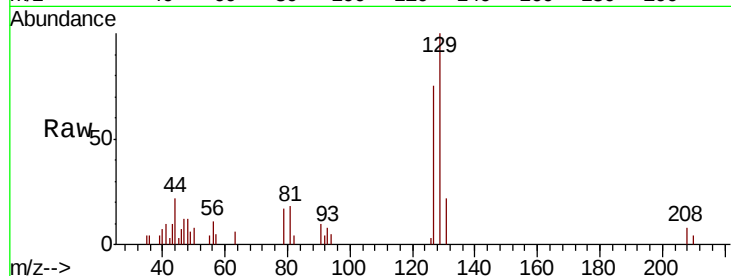
BG3P1

Tot Ion:129 Resp: 6351

Ion Ratio Lower Upper

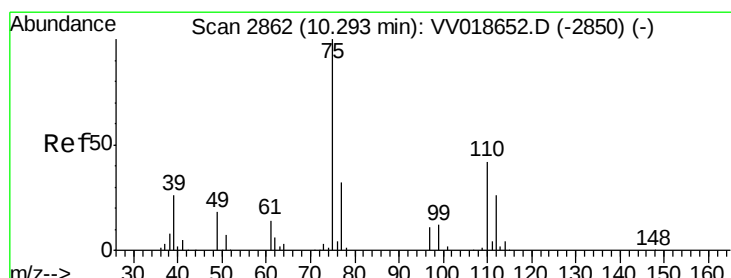
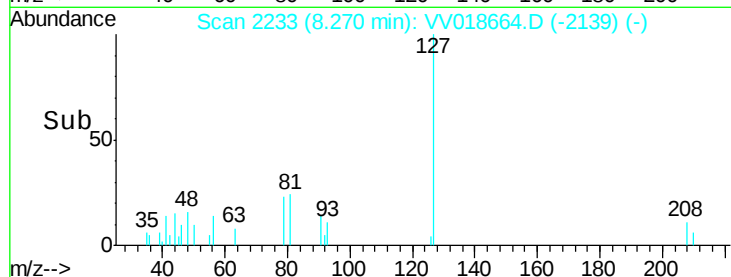
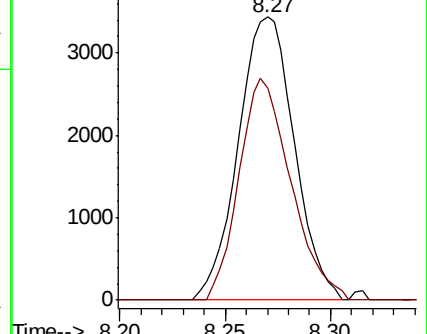
129 100

127 74.8 54.1 100.5



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#59

1,2,3-Trichloropropane

Concen: 5.774 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV018664.D

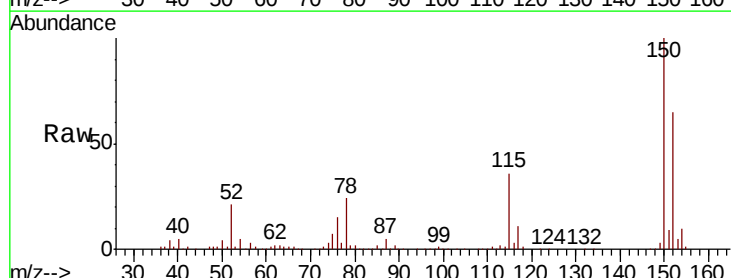
Acq: 03 Oct 2020 18:54

Tgt Ion: 75 Resp: 15797

Ion Ratio Lower Upper

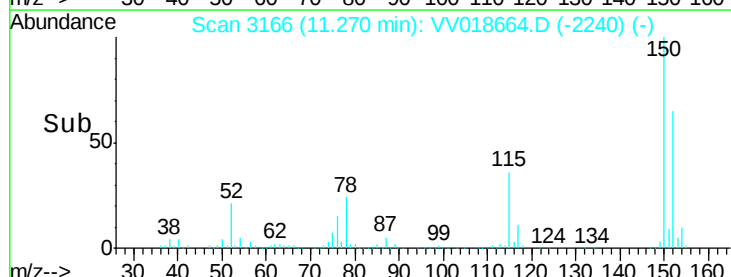
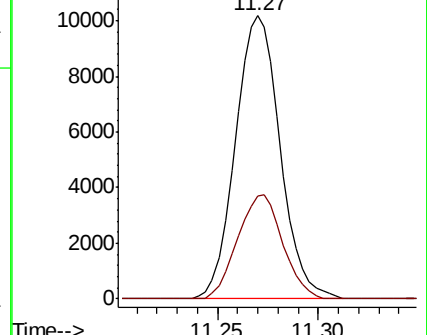
75 100

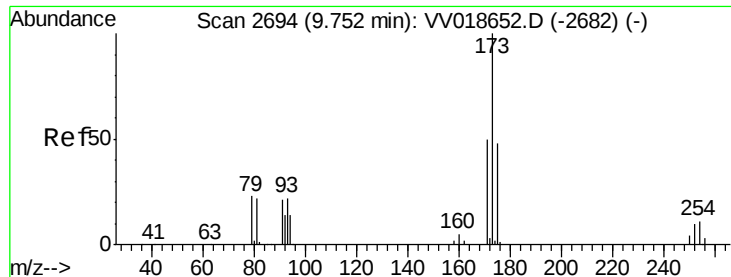
77 37.0 25.4 38.0



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0





#61
 Bromoform
 Concen: 3.053 ug/L
 RT: 9.75 min Scan# 2694
 Delta R.T. -0.00 min
 Lab File: VV018664.D
 Acq: 03 Oct 2020 18:54

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3P1

Tot Ion:173 Resp: 5064
 Ion Ratio Lower Upper
 173 100
 175 50.3 39.8 59.8
 254 9.9 8.5 12.7

