

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW101421\
 Data File : VW022824.D
 Acq On : 15 Oct 2021 04:15
 Operator : SY/MD
 Sample : M4223-13
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 48 Sample Multiplier: 1

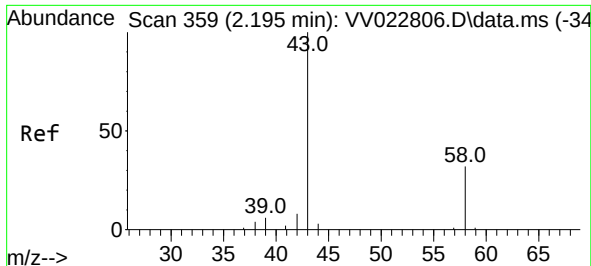
Instrument :
 MSVOA_V
 ClientSampleId :
 BFGC5

Quant Time: Oct 16 03:58:06 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100721WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Oct 16 03:54:29 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	123571	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	124545	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	60014	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	36080	4.244	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.800%
7) Chloroethane-d5	1.568	69	33336	4.363	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.200%
11) 1,1-Dichloroethene-d2	2.108	63	50487	3.027	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.600%
20) 2-Butanone-d5	3.892	46	98987	44.404	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.800%
24) Chloroform-d	4.352	84	85297	4.868	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.400%
26) 1,2-Dichloroethane-d4	5.034	65	40343	4.744	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.800%
32) Benzene-d6	5.053	84	165845	4.473	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.400%
36) 1,2-Dichloropropane-d6	6.072	67	52150	4.750	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.000%
41) Toluene-d8	7.317	98	139222	4.344	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.800%
43) trans-1,3-Dichloroprop...	7.629	79	15238	4.184	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.600%
46) 2-Hexanone-d5	8.092	63	79332	54.046	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.100%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	38863	5.225	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.400%
66) 1,2-Dichlorobenzene-d4	11.625	152	56505	5.078	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.600%
Target Compounds						Qvalue
13) Acetone	2.191	43	2559	2.059	ug/L	84
35) Methylcyclohexane	6.069	83	12800	1.002	ug/L #	16
37) 1,2-Dichloropropane	6.072	63	5965	0.739	ug/L #	84
39) cis-1,3-Dichloropropene	6.992	75	1236	0.116	ug/L #	73
42) Toluene	7.397	91	3735	0.110	ug/L	86
47) Tetrachloroethene	7.976	164	42625	5.778	ug/L	99
49) Dibromochloromethane	7.976	129	38262	5.460	ug/L #	7
61) 1,2,3-Trichloropropane	11.249	75	6174	1.481	ug/L #	63
68) 1,2-Dibromo-3-chloropr...	12.243	75	175	0.231	ug/L #	1

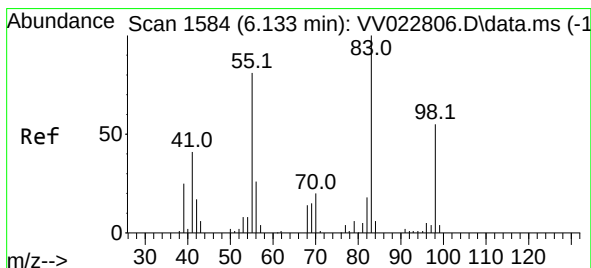
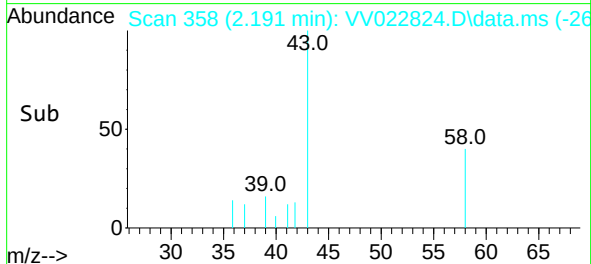
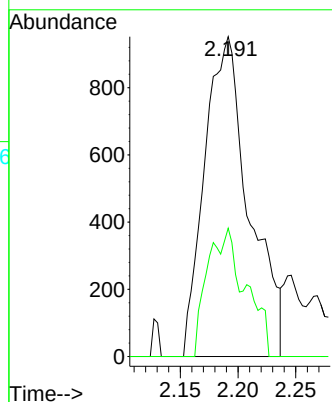
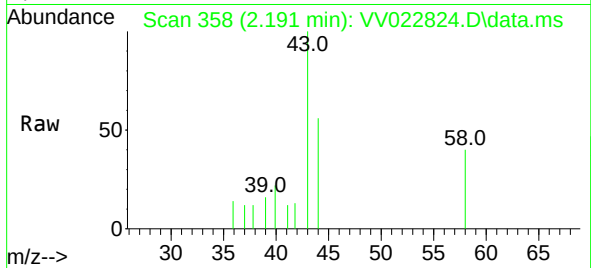
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#13
Acetone
Concen: 2.059 ug/L
RT: 2.191 min Scan# 358
Delta R.T. -0.003 min
Lab File: VV022824.D
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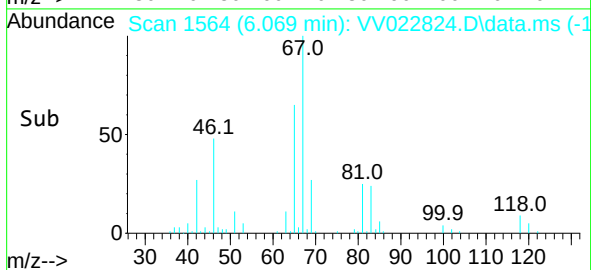
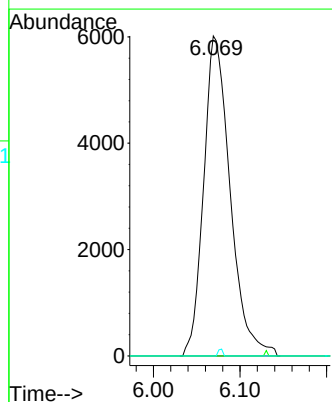
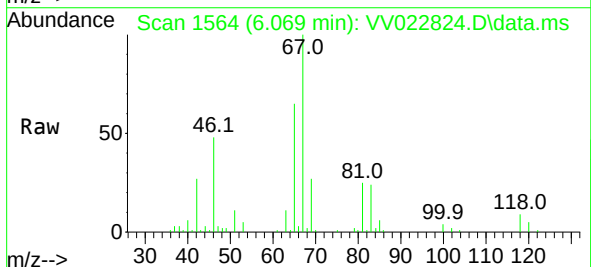
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MSVOA_V
ClientSampleId :
BFGC5

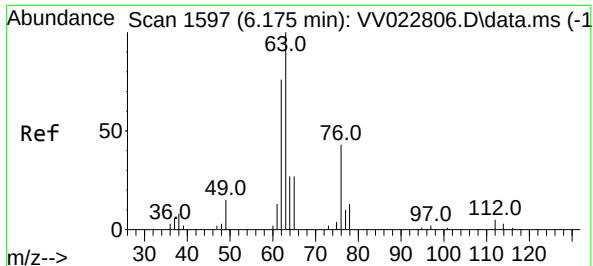
Tgt Ion: 43 Resp: 2559
Ion Ratio Lower Upper
43 100
58 5.9 0.0 24.2



#35
Methylcyclohexane
Concen: 1.002 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.064 min
Lab File: VV022824.D
Acq: 15 Oct 2021 04:15

Tgt Ion: 83 Resp: 12800
Ion Ratio Lower Upper
83 100
55 0.2 63.8 95.6#
98 0.4 42.1 63.1#

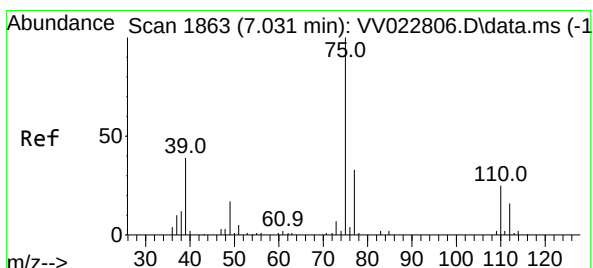
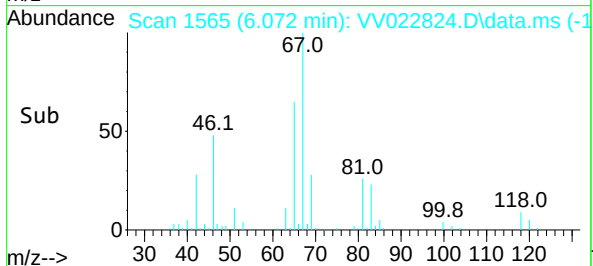
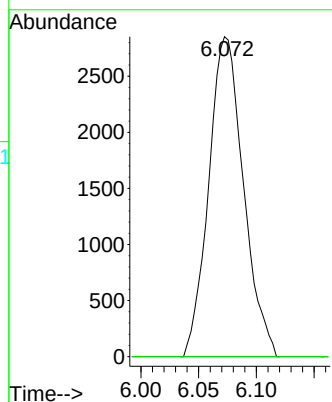
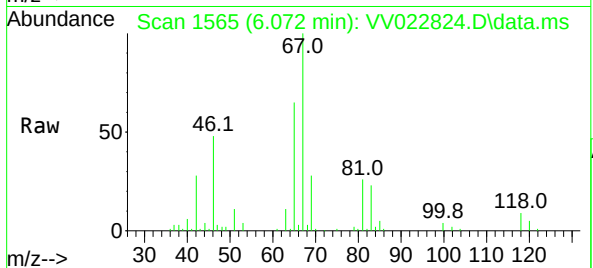




#37
1,2-Dichloropropane
Concen: 0.739 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.103 min
Lab File: VV022824.D
Acq: 15 Oct 2021 04:15

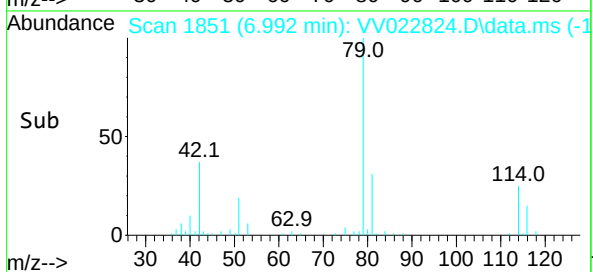
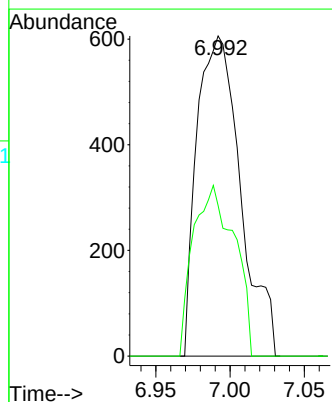
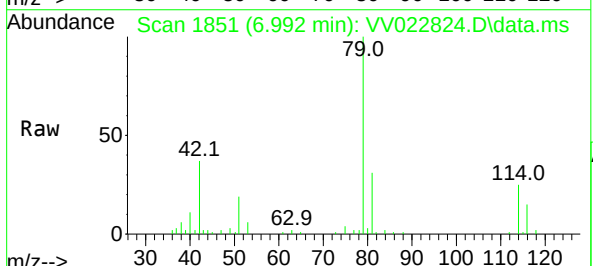
Instrument :
MSVOA_V
ClientSampleId :
BFGC5

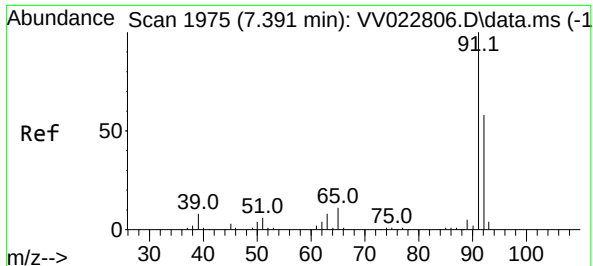
Tgt Ion: 63 Resp: 5965
Ion Ratio Lower Upper
63 100
112 0.0 4.4 6.6#



#39
cis-1,3-Dichloropropene
Concen: 0.116 ug/L
RT: 6.992 min Scan# 1851
Delta R.T. -0.039 min
Lab File: VV022824.D
Acq: 15 Oct 2021 04:15

Tgt Ion: 75 Resp: 1236
Ion Ratio Lower Upper
75 100
77 47.0 22.3 41.3#

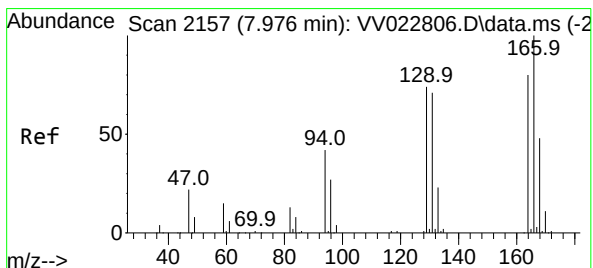
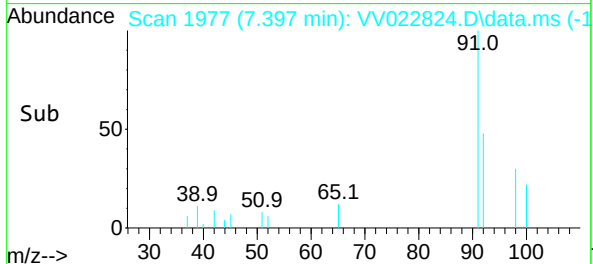
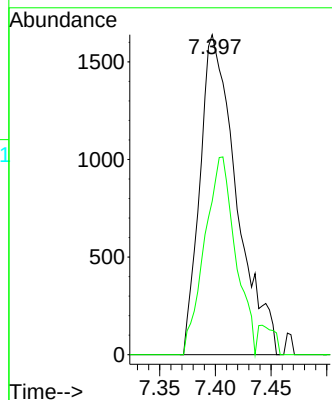
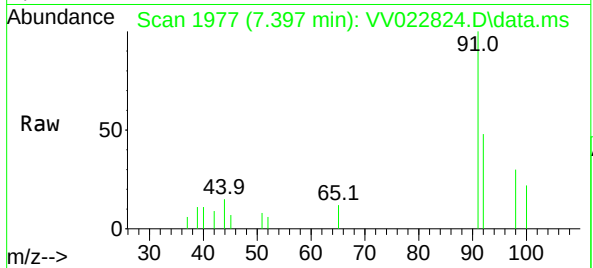




#42
Toluene
Concen: 0.110 ug/L
RT: 7.397 min Scan# 1977
Delta R.T. 0.006 min
Lab File: VV022824.D
Acq: 15 Oct 2021 04:15

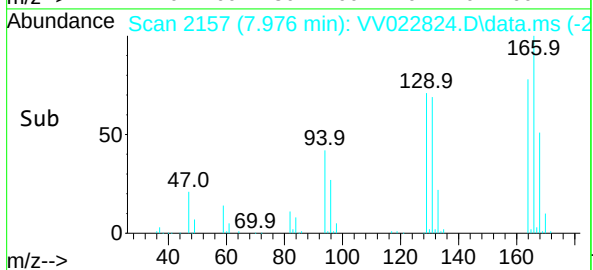
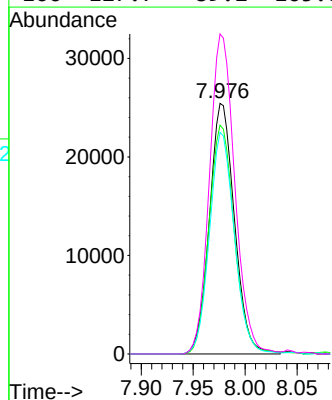
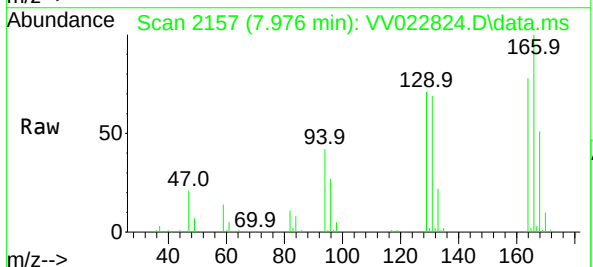
Instrument :
MSVOA_V
ClientSampled :
BFGC5

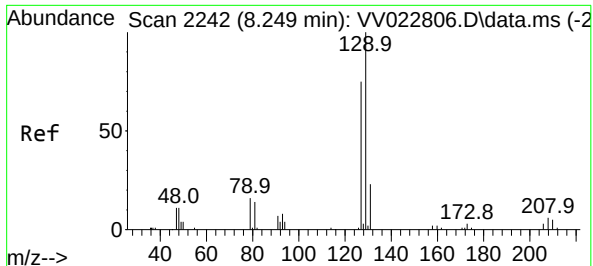
Tgt Ion: 91 Resp: 3735
Ion Ratio Lower Upper
91 100
92 48.0 40.7 75.7



#47
Tetrachloroethene
Concen: 5.778 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. -0.000 min
Lab File: VV022824.D
Acq: 15 Oct 2021 04:15

Tgt Ion: 164 Resp: 42625
Ion Ratio Lower Upper
164 100
129 91.3 65.0 120.6
131 88.5 62.2 115.4
166 127.7 89.2 165.8





#49

Dibromochloromethane

Concen: 5.460 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.273 min

Lab File: VV022824.D

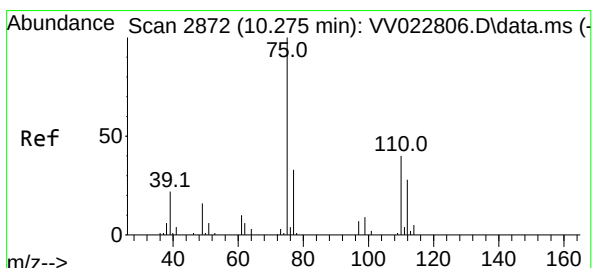
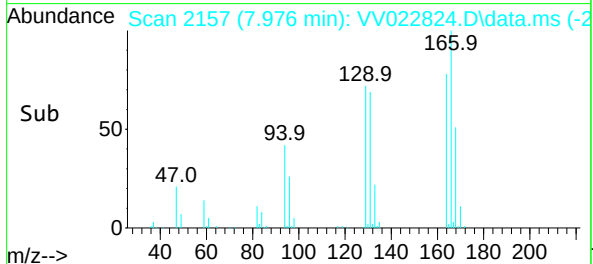
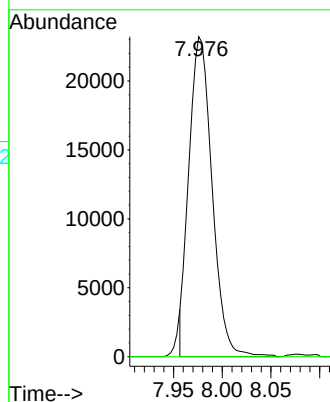
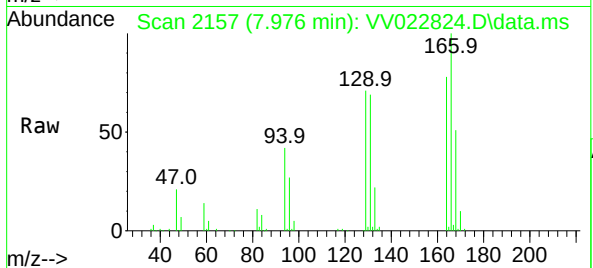
Acq: 15 Oct 2021 04:15

Tgt Ion:129 Resp: 38262

Ion Ratio Lower Upper

129 100

127 0.0 59.1 109.9#



#61

1,2,3-Trichloropropane

Concen: 1.481 ug/L

RT: 11.249 min Scan# 3175

Delta R.T. 0.974 min

Lab File: VV022824.D

Acq: 15 Oct 2021 04:15

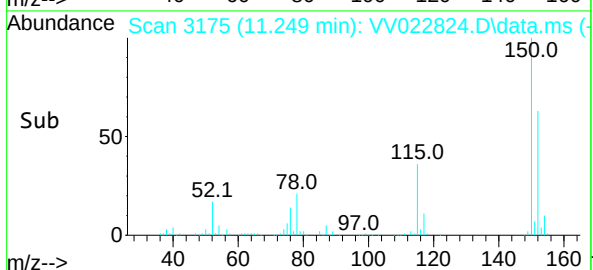
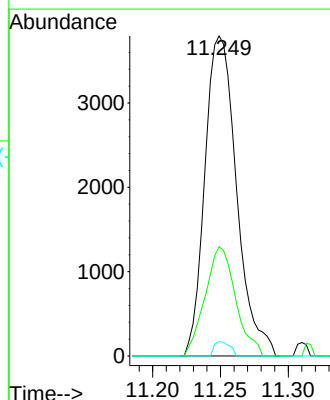
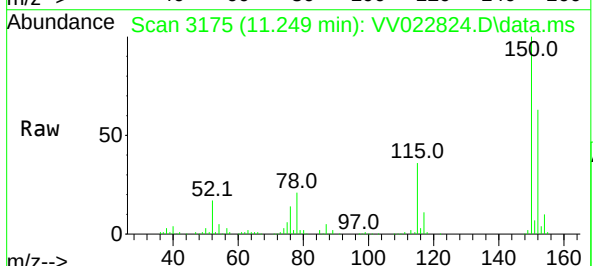
Tgt Ion: 75 Resp: 6174

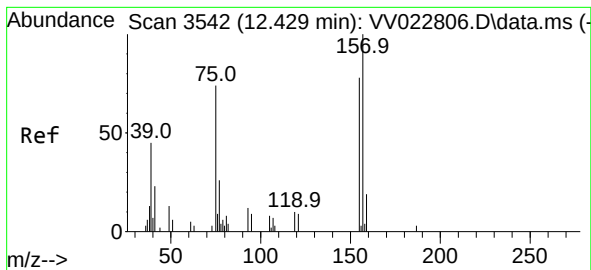
Ion Ratio Lower Upper

75 100

77 32.9 25.4 38.2

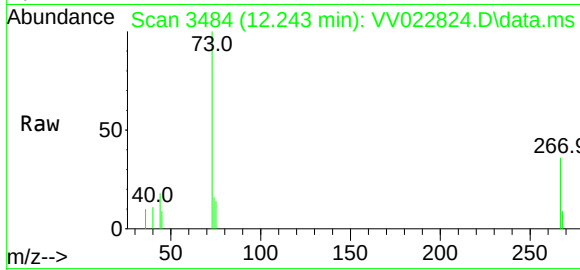
110 2.2 34.2 51.4#





#68
 1,2-Dibromo-3-chloropropane
 Concen: 0.231 ug/L
 RT: 12.243 min Scan# 3484
 Delta R.T. -0.187 min
 Lab File: VV022824.D
 Acq: 15 Oct 2021 04:15

Instrument :
 MSVOA_V
 ClientSampleId :
 BFGC5



Tgt Ion: 75 Resp: 175
 Ion Ratio Lower Upper
 75 100
 155 0.0 82.4 123.6#
 157 0.0 114.1 171.1#

