

Data Path : Z:\voasrv\HPCHEM1\MSVOA V\Data\VV031220\
 Data File : VV014863.D
 Acq On : 12 Mar 2020 13:15
 Operator : SY/MD
 Sample : L1858-10
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFRG0

Quant Time: Mar 12 13:36:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM030620WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 12 12:52:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	414183	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	402504	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	193725	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	120622	43.04	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.08%
7) Chloroethane-d5	1.58	69	93163	42.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.08%
11) 1,1-Dichloroethene-d2	2.12	63	150614	32.34	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.68%
21) 2-Butanone-d5	3.93	46	150711	72.09	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	72.09%
24) Chloroform-d	4.38	84	245472	46.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.50%
26) 1,2-Dichloroethane-d4	5.06	65	164544	45.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.28%
32) Benzene-d6	5.08	84	497526	46.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.62%
36) 1,2-Dichloropropane-d6	6.10	67	151375	42.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	85.94%
41) Toluene-d8	7.34	98	472992	45.44	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.88%
43) trans-1,3-Dichloropropene-	7.64	79	72027	41.88	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.76%
47) 2-Hexanone-d5	8.12	63	142414	91.06	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.06%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	212181	43.79	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.58%
64) 1,2-Dichlorobenzene-d4	11.65	152	187702	48.88	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.76%

Target Compounds

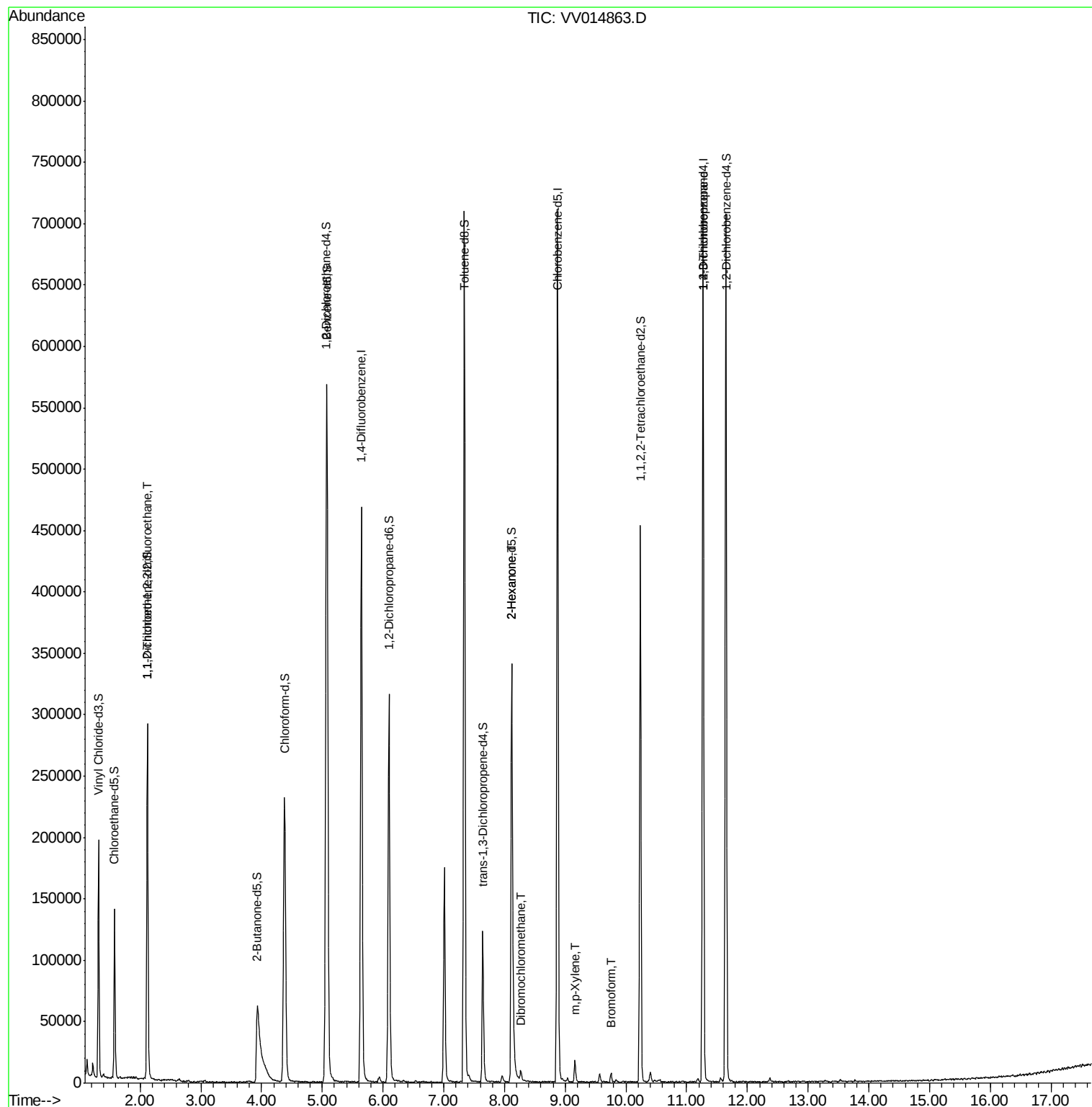
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1530	0.665 ug/L #	16
48) 2-Hexanone	8.12	43	16196	4.510 ug/L #	74
49) Dibromochloromethane	8.27	129	2836	0.897 ug/L	98
53) m,p-Xylene	9.16	106	5321	0.978 ug/L	87
59) 1,2,3-Trichloropropane	11.27	75	18942	4.707 ug/L	89
61) Bromoform	9.76	173	3458	1.645 ug/L #	98

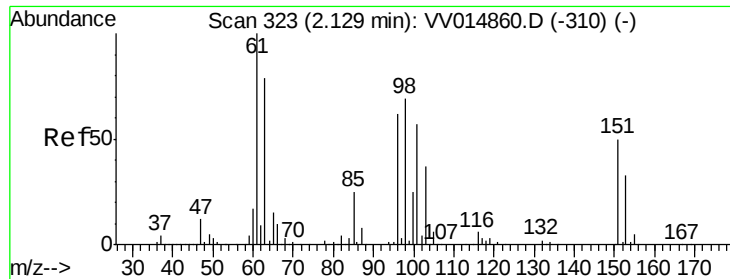
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Mar 12 12:52:44 2020
Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.665 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV014863.D

Acq: 12 Mar 2020 13:15

Instrument :

MSVOA_V

ClientSampleId :

BFRG0

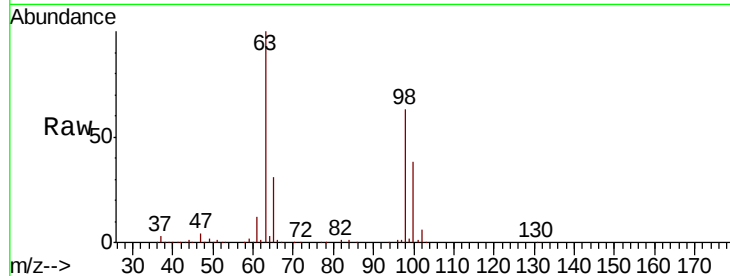
Tot Ion:101 Resp: 1530

Ion Ratio Lower Upper

101 100

85 0.0 35.0 52.6#

151 0.0 66.4 99.6#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V

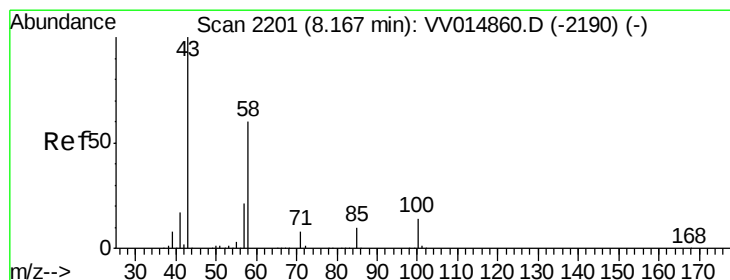
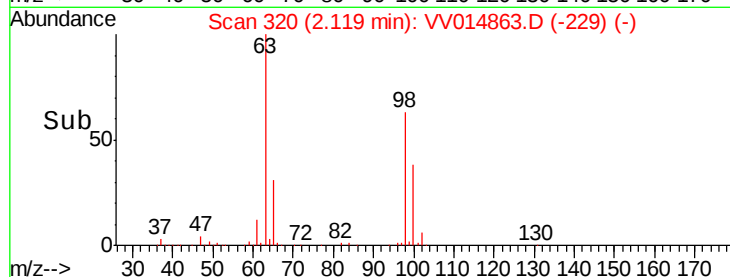
2.12

1000

500

0

Time-->



#48

2-Hexanone

Concen: 4.510 ug/L

RT: 8.12 min Scan# 2186

Delta R.T. -0.05 min

Lab File: VV014863.D

Acq: 12 Mar 2020 13:15

Tgt Ion: 43 Resp: 16196

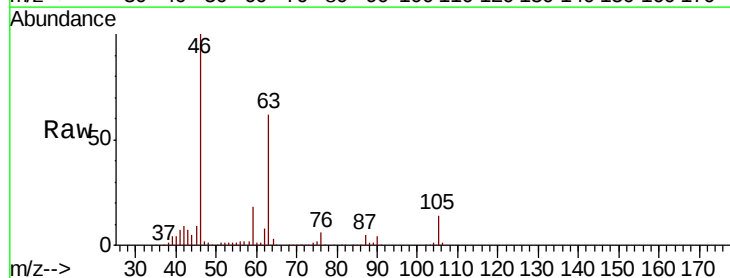
Ion Ratio Lower Upper

43 100

58 33.4 43.3 64.9#

57 26.7 15.6 23.4#

100 0.0 8.7 13.1#



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

8.12

12000

10000

8000

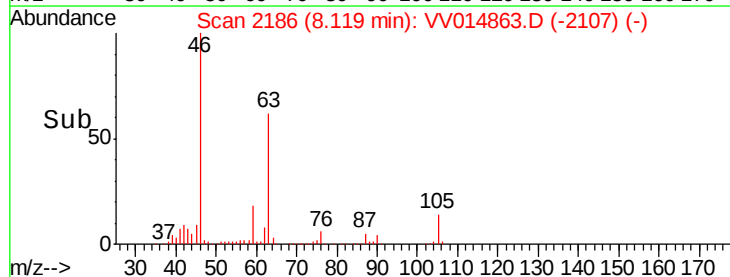
6000

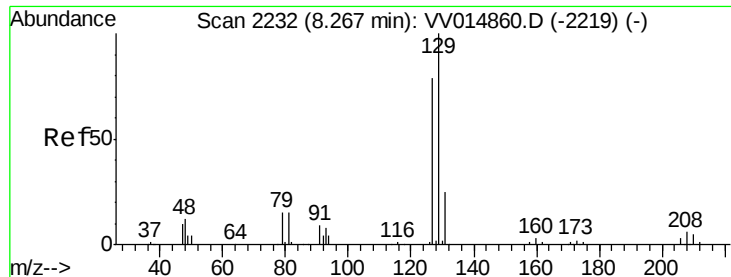
4000

2000

0

Time-->





#49

Dibromochloromethane

Concen: 0.897 ug/L

RT: 8.27 min Scan# 2232

Delta R.T. -0.00 min

Lab File: VV014863.D

Acq: 12 Mar 2020 13:15

Instrument :

MSVOA_V

ClientSampleId :

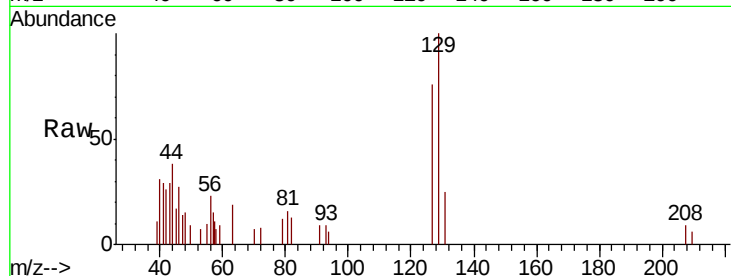
BFRG0

Tot Ion:129 Resp: 2836

Ion Ratio Lower Upper

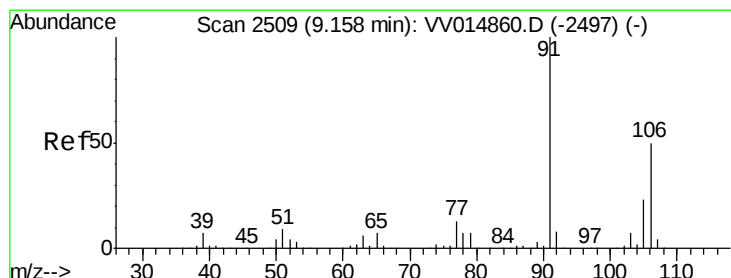
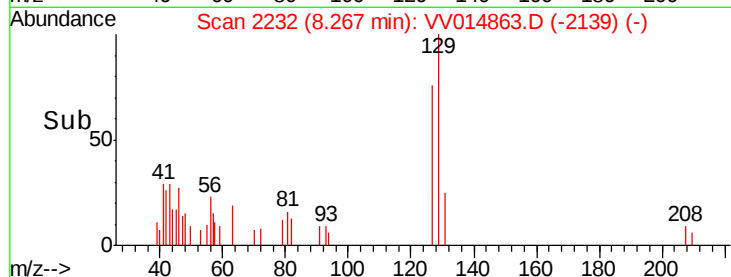
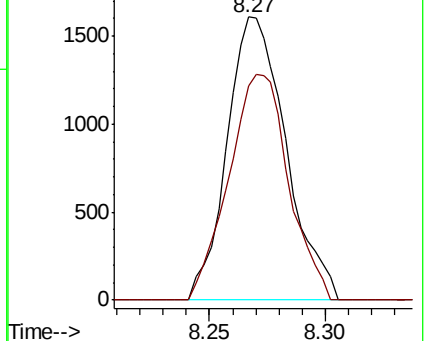
129 100

127 75.6 53.9 100.1



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#53

m,p-Xylene

Concen: 0.978 ug/L

RT: 9.16 min Scan# 2510

Delta R.T. -0.00 min

Lab File: VV014863.D

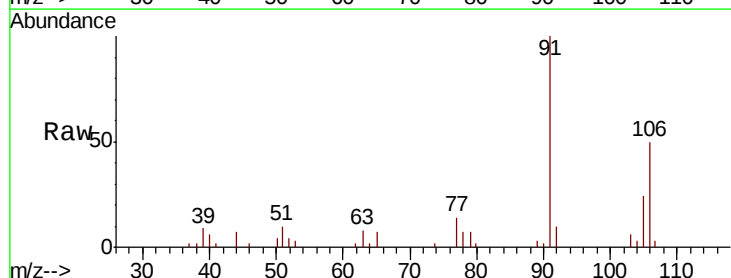
Acq: 12 Mar 2020 13:15

Tgt Ion:106 Resp: 5321

Ion Ratio Lower Upper

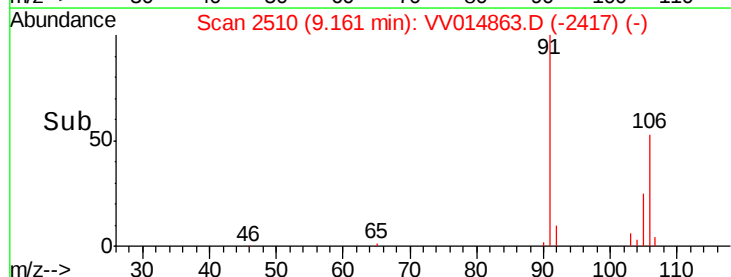
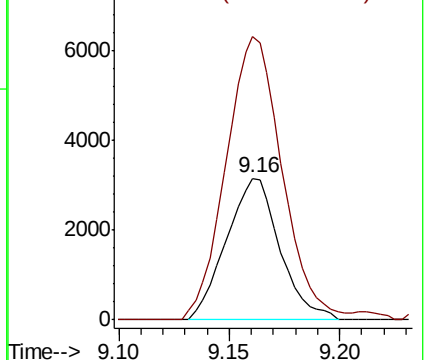
106 100

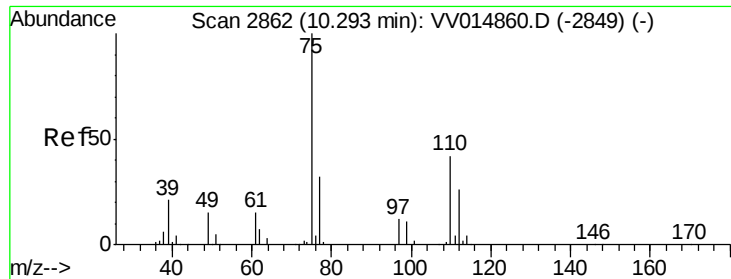
91 186.6 145.1 269.5



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VV0





#59

1,2,3-Trichloropropane

Concen: 4.707 ug/L

RT: 11.27 min Scan# 3165

Delta R.T. 0.97 min

Lab File: VV014863.D

Acq: 12 Mar 2020 13:15

Instrument :

MSVOA_V

ClientSampleId :

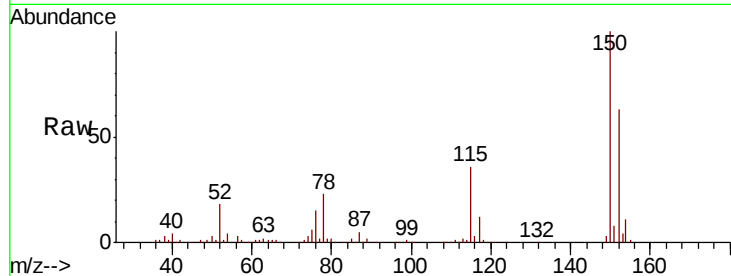
BFRG0

Tot Ion: 75 Resp: 18942

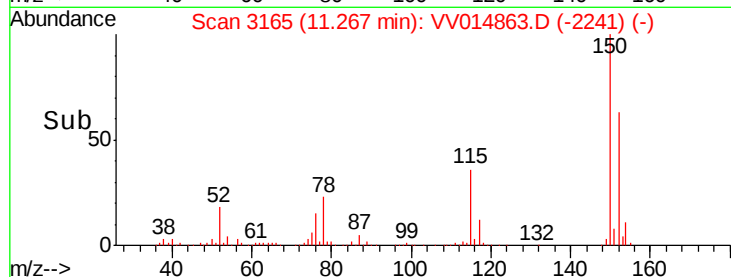
Ion Ratio Lower Upper

75 100

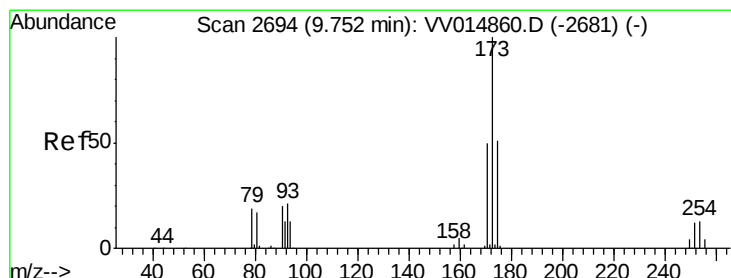
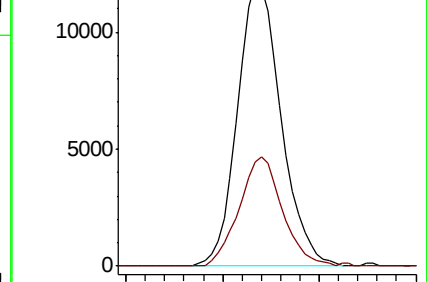
77 38.2 25.6 38.4



Abundance Ion 75.00 (74.70 to 75.70): VV014863.D (-2241) (-)



Ion 77.00 (76.70 to 77.70): VV014863.D (-2241) (-)



#61

Bromoform

Concen: 1.645 ug/L

RT: 9.76 min Scan# 2695

Delta R.T. 0.00 min

Lab File: VV014863.D

Acq: 12 Mar 2020 13:15

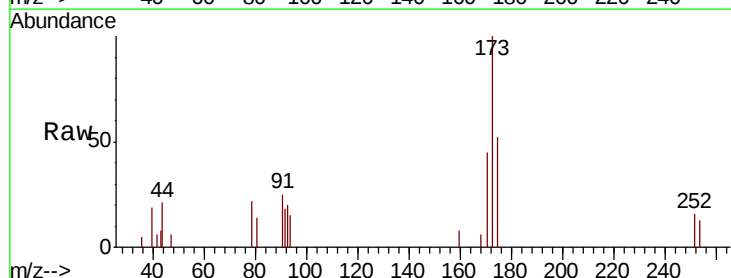
Tgt Ion: 173 Resp: 3458

Ion Ratio Lower Upper

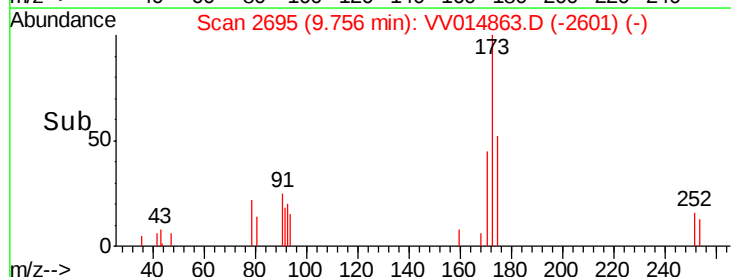
173 100

175 48.2 39.0 58.4

254 7.4 8.6 13.0#



Abundance Ion 173.00 (172.70 to 173.70): VV014863.D (-2601) (-)



Ion 175.00 (174.70 to 175.70): VV014863.D (-2601) (-)

