

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100120\
 Data File : VV018594.D
 Acq On : 01 Oct 2020 17:13
 Operator : SY/MD
 Sample : VIBLK71
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VIBLK71

Quant Time: Oct 01 23:39:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 01 23:37:24 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	304690	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	301882	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	150900	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	93774	52.48	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	104.96%
7) Chloroethane-d5	1.58	69	87135	58.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	117.94%
11) 1,1-Dichloroethene-d2	2.12	63	155305	42.66	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.32%
21) 2-Butanone-d5	3.91	46	114959	86.25	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	86.25%
24) Chloroform-d	4.37	84	179129	46.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.72%
26) 1,2-Dichloroethane-d4	5.05	65	123983	50.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.08%
32) Benzene-d6	5.07	84	360074	47.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.18%
36) 1,2-Dichloropropane-d6	6.09	67	111177	48.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.24%
41) Toluene-d8	7.33	98	331663	46.10	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.20%
43) trans-1,3-Dichloropropene-	7.64	79	55350	44.35	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.70%
47) 2-Hexanone-d5	8.11	63	62011	70.66	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	70.66%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	122398	39.96	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	79.92%
64) 1,2-Dichlorobenzene-d4	11.65	152	142216	49.01	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.02%

Target Compounds

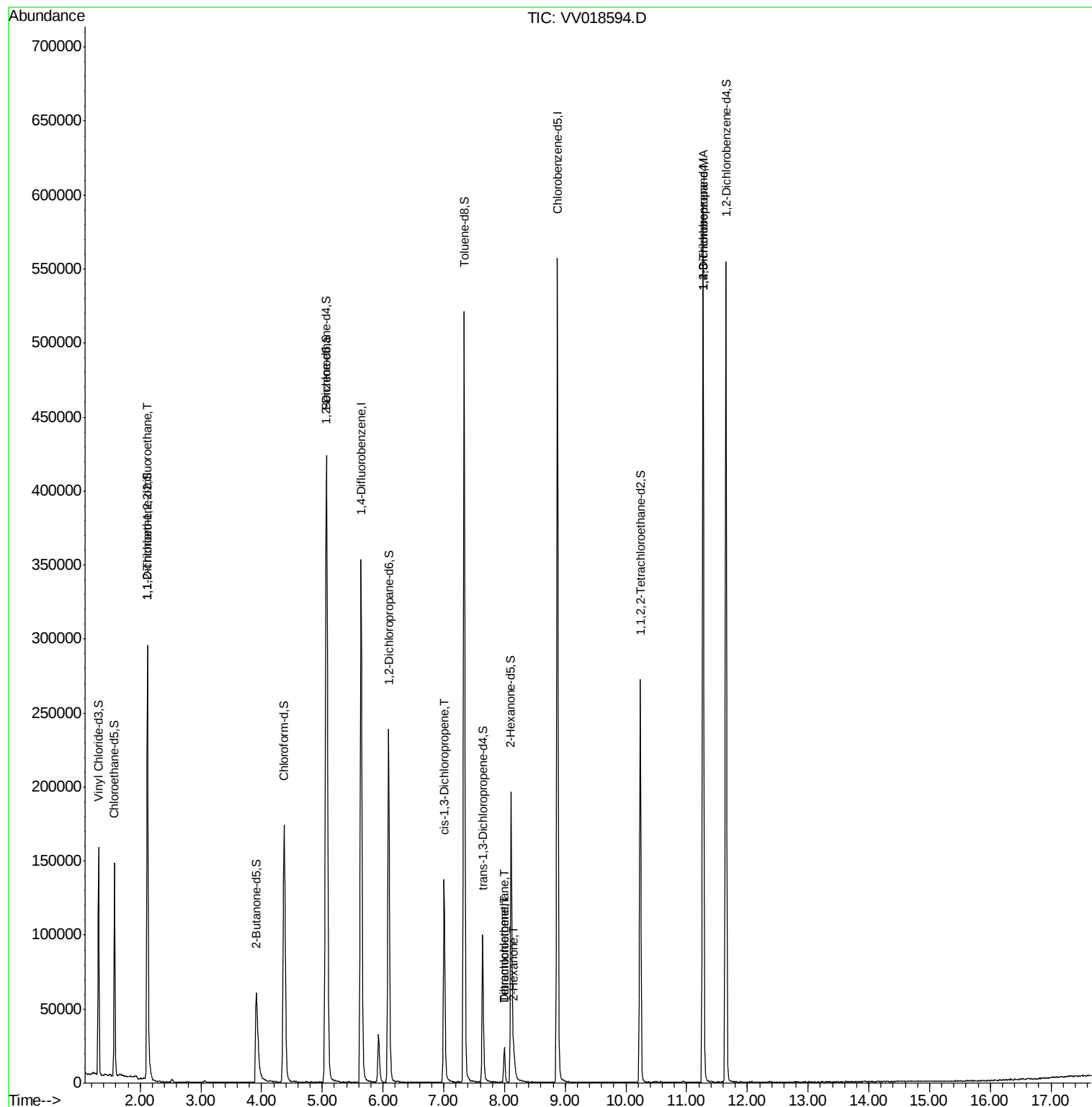
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1460	0.736 ug/L #	17
39) cis-1,3-Dichloropropene	7.01	75	3712	1.040 ug/L	84
46) Tetrachloroethene	7.99	164	5810	2.781 ug/L	92
48) 2-Hexanone	8.16	43	9317	4.067 ug/L #	82
49) Dibromochloromethane	8.00	129	5022	1.949 ug/L #	11
59) 1,2,3-Trichloropropane	11.27	75	17161	6.200 ug/L	90

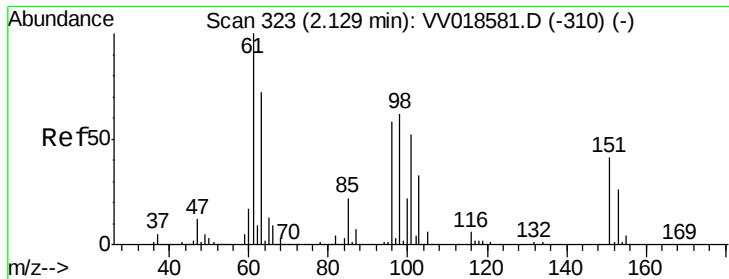
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV100120\
Data File : VV018594.D
Acq On : 01 Oct 2020 17:13
Operator : SY/MD
Sample : VIBLK71
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VIBLK71

Quant Time: Oct 01 23:39:42 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Oct 01 23:37:24 2020
Response via : Initial Calibration





#10

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

Concen: 0.736 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV018594.D

Acq: 01 Oct 2020 17:13

Instrument :

MSVOA_V

ClientSampleId :

VIBLK71

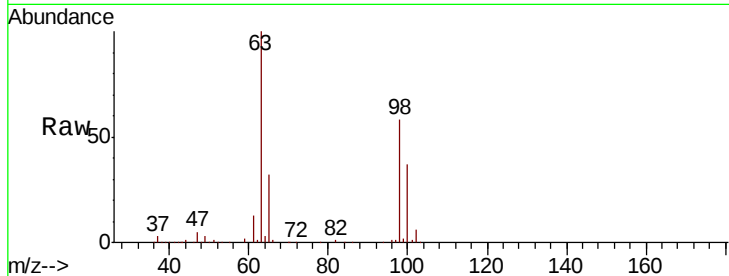
Tot Ion:101 Resp: 1460

Ion Ratio Lower Upper

101 100

85 0.0 34.6 52.0#

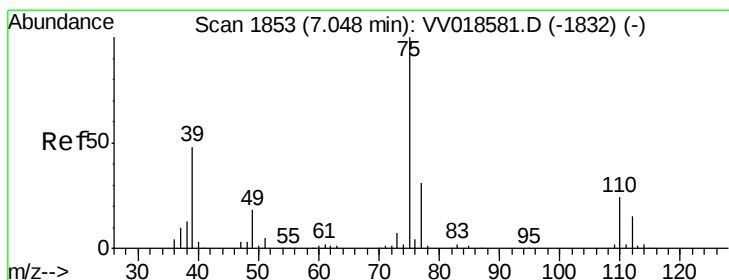
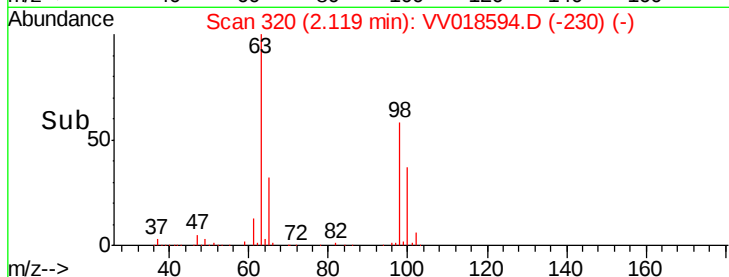
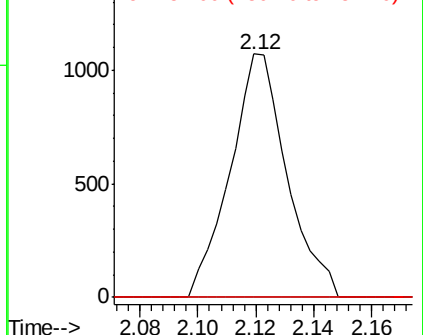
151 0.0 64.3 96.5#



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



#39

cis-1,3-Dichloropropene

Concen: 1.040 ug/L

RT: 7.01 min Scan# 1840

Delta R.T. -0.04 min

Lab File: VV018594.D

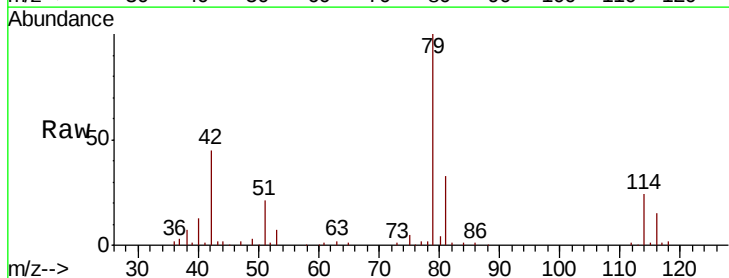
Acq: 01 Oct 2020 17:13

Tgt Ion: 75 Resp: 3712

Ion Ratio Lower Upper

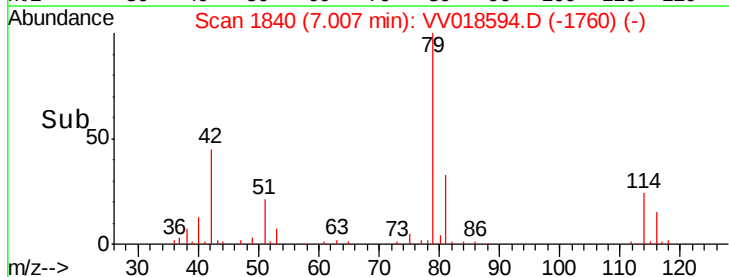
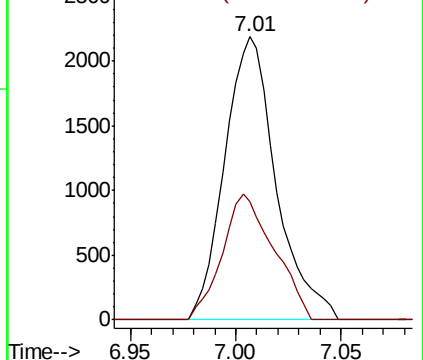
75 100

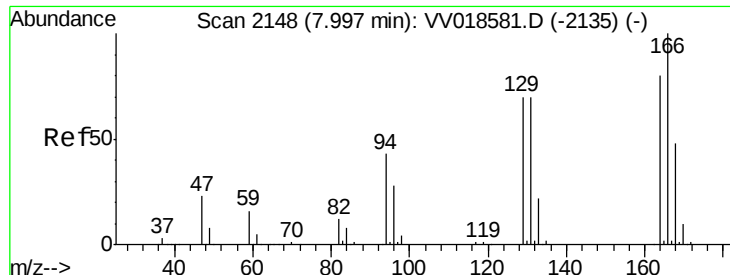
77 42.0 23.0 42.6



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0





#46

Tetrachloroethene

Concen: 2.781 ug/L

RT: 7.99 min Scan# 2147

Delta R.T. -0.00 min

Lab File: VV018594.D

Acq: 01 Oct 2020 17:13

Instrument :

MSVOA_V

ClientSampled :

VIBLK71

Tot Ion:164 Resp: 5810

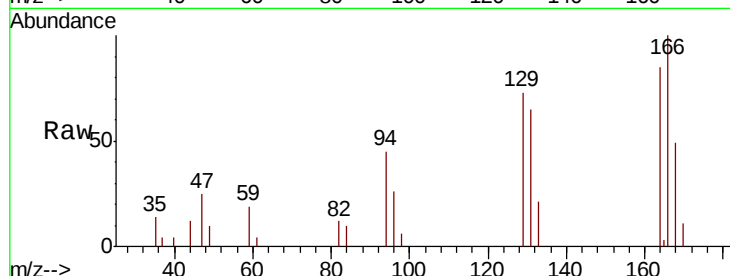
Ion Ratio Lower Upper

164 100

129 86.5 62.8 116.6

131 76.2 60.8 112.8

166 117.8 88.9 165.1

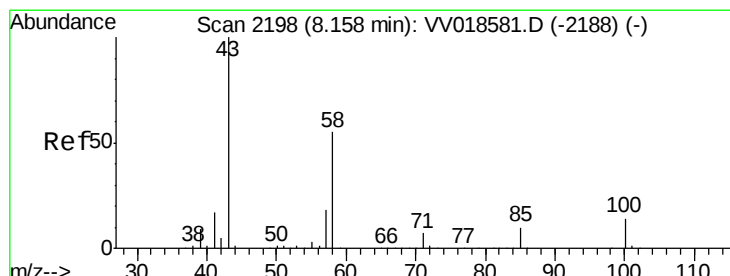
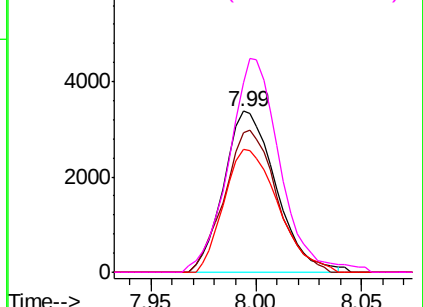
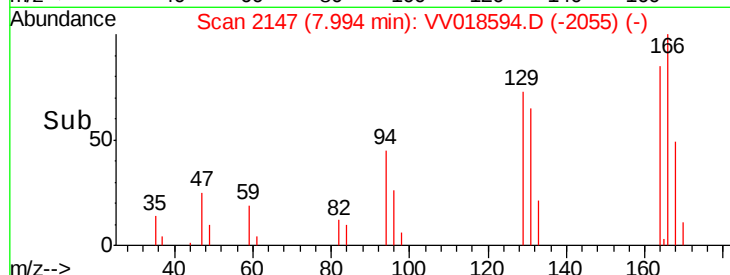


Abundance Ion 164.00 (163.70 to 164.70): V

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: 4.067 ug/L

RT: 8.16 min Scan# 2199

Delta R.T. 0.00 min

Lab File: VV018594.D

Acq: 01 Oct 2020 17:13

Tgt Ion: 43 Resp: 9317

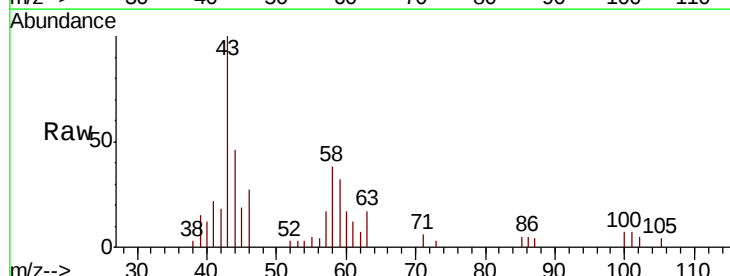
Ion Ratio Lower Upper

43 100

58 42.9 45.1 67.7#

57 14.4 15.7 23.5#

100 2.5 11.0 16.4#

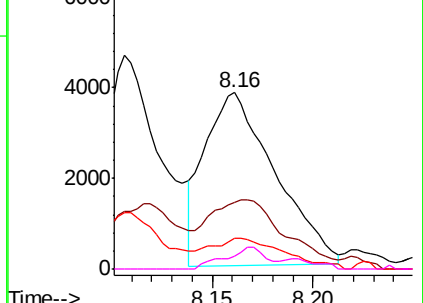
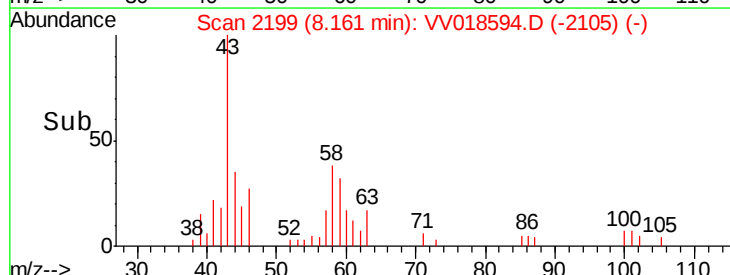


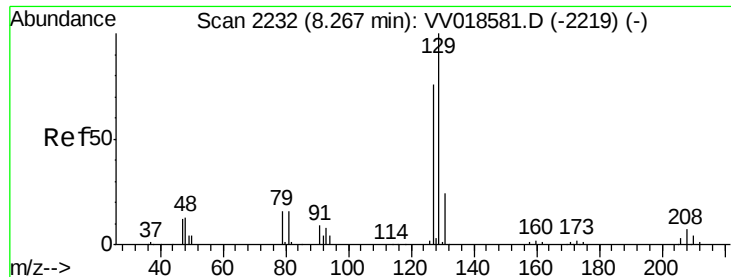
Abundance Ion 43.00 (42.70 to 43.70): VV0

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: 1.949 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. -0.27 min

Lab File: VV018594.D

Acq: 01 Oct 2020 17:13

Instrument :

MSVOA_V

ClientSampleId :

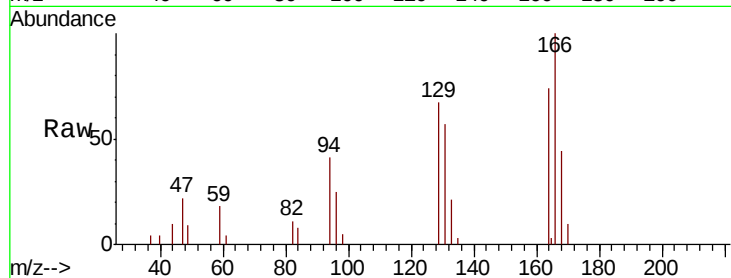
VIBLK71

Tot Ion:129 Resp: 5022

Ion Ratio Lower Upper

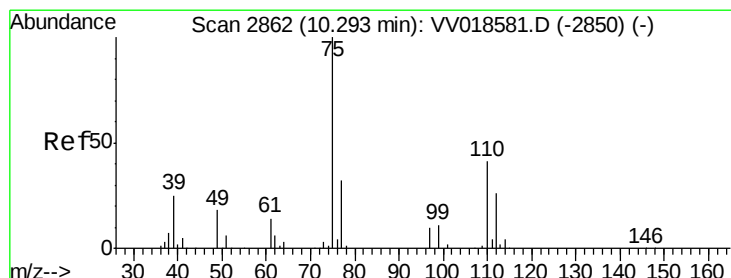
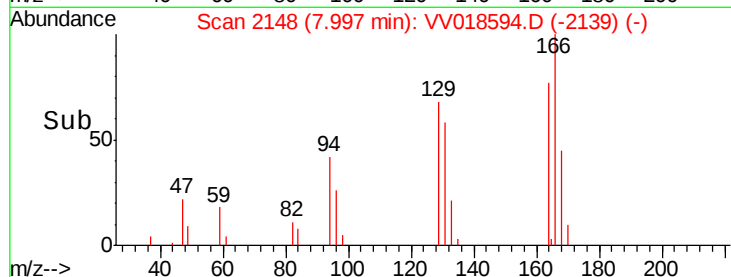
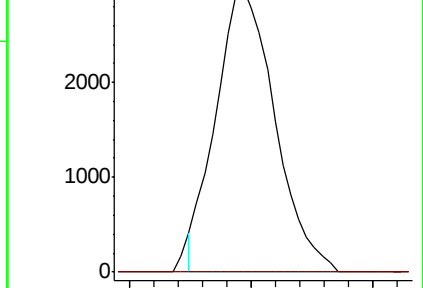
129 100

127 0.0 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: 6.200 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV018594.D

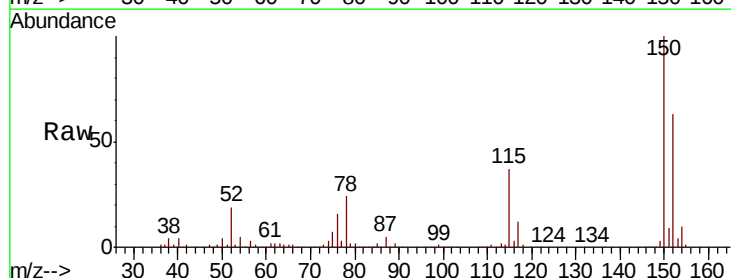
Acq: 01 Oct 2020 17:13

Tgt Ion: 75 Resp: 17161

Ion Ratio Lower Upper

75 100

77 37.3 25.4 38.0



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

