

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV103020\
 Data File : VV019180.D
 Acq On : 30 Oct 2020 13:29
 Operator : SY/MD
 Sample : L4502-20ME 2X
 Misc : 6.07g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG443ME

Quant Time: Oct 31 03:03:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 31 02:55:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	291878	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	287279	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	155628	50.00	ug/L	0.00

System Monitoring Compounds

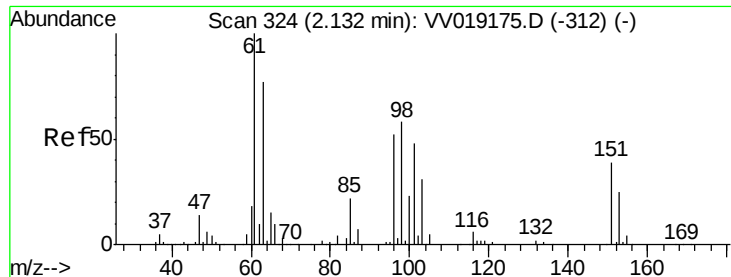
4) Vinyl Chloride-d3	1.32	65	138309	59.63	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	119.26%
7) Chloroethane-d5	1.58	69	112032	62.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	124.34%
11) 1,1-Dichloroethene-d2	2.11	63	217765	49.35	ug/L	-0.01
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.70%
21) 2-Butanone-d5	3.91	46	183149	128.92	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	128.92%
24) Chloroform-d	4.37	84	278965	64.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	129.30%#
26) 1,2-Dichloroethane-d4	5.05	65	201423	66.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	133.98%#
32) Benzene-d6	5.07	84	534277	65.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	131.12%#
36) 1,2-Dichloropropane-d6	6.09	67	163775	67.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	134.80%#
41) Toluene-d8	7.33	98	507460	64.82	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	129.64%#
43) trans-1,3-Dichloropropene-	7.64	79	92776	65.98	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	131.96%#
47) 2-Hexanone-d5	8.11	63	142763	135.67	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	135.67%#
57) 1,1,2,2-Tetrachloroethane-	10.24	84	214216	65.39	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	130.78%#
64) 1,2-Dichlorobenzene-d4	11.65	152	226872	69.39	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	138.78%#

Target Compounds

					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.11	101	1842	0.964 ug/L #	17
12) 1,1-Dichloroethene	2.11	96	1594	0.852 ug/L #	1
37) 1,2-Dichloropropane	6.09	63	20719	10.072 ug/L #	85
39) cis-1,3-Dichloropropene	7.00	75	6381	1.878 ug/L #	79
42) Toluene	7.41	91	7161	0.789 ug/L	99
44) trans-1,3-Dichloropropene	7.64	75	4444	1.257 ug/L	87
46) Tetrachloroethene	7.99	164	91029	46.981 ug/L	97
48) 2-Hexanone	8.12	43	18571	8.234 ug/L #	68
59) 1,2,3-Trichloropropane	11.27	75	16964	6.309 ug/L #	86

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

```
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV103020\  
Data File : VV019180.D  
Acq On    : 30 Oct 2020 13:29  
Operator  : SY/MD  
Sample    : L4502-20ME 2X  
Misc      : 6.07µ/5.0mL/100µL/5.0mL/MSVOA_V/MEOH  
ALS Vial  : 1 Sample Multiplier: 1
```



#10

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

Concen: 0.964 ug/L

RT: 2.11 min Scan# 317

Delta R.T. -0.02 min

Lab File: VV019180.D

Acq: 30 Oct 2020 13:29

Instrument :

MSVOA_V

ClientSampleId :

BG443ME

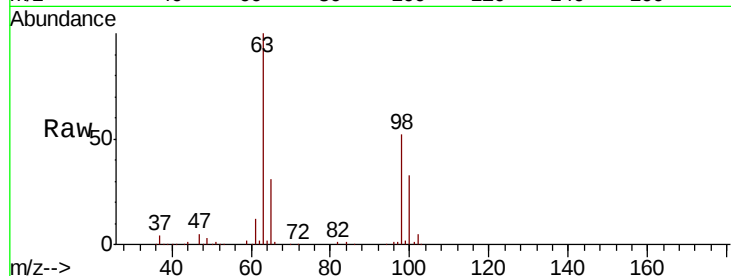
Tot Ion:101 Resp: 1842

Ion Ratio Lower Upper

101 100

85 0.0 36.1 54.1#

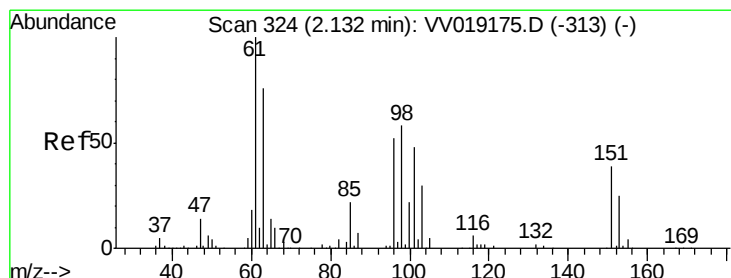
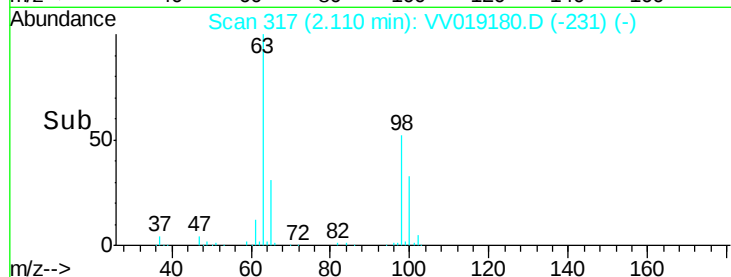
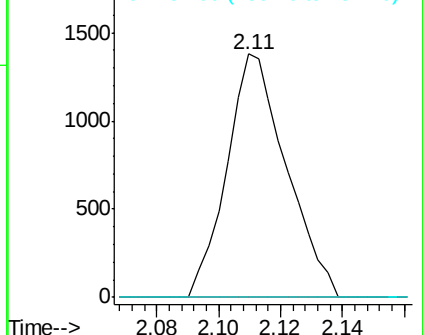
151 0.0 65.0 97.4#



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



#12

1,1-Dichloroethene

Concen: 0.852 ug/L

RT: 2.11 min Scan# 318

Delta R.T. -0.02 min

Lab File: VV019180.D

Acq: 30 Oct 2020 13:29

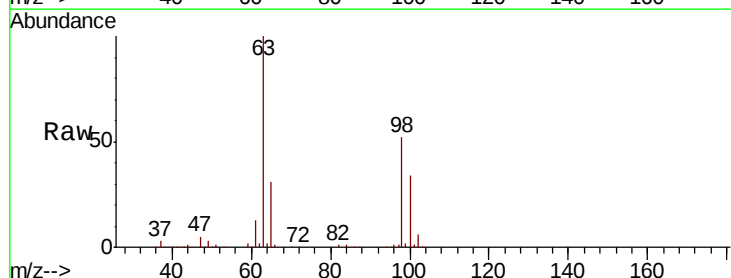
Tgt Ion: 96 Resp: 1594

Ion Ratio Lower Upper

96 100

61 1748.8 132.6 246.2#

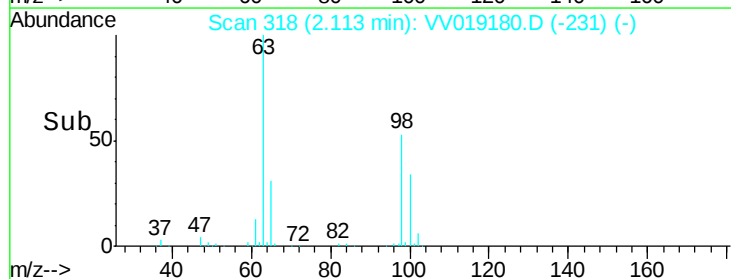
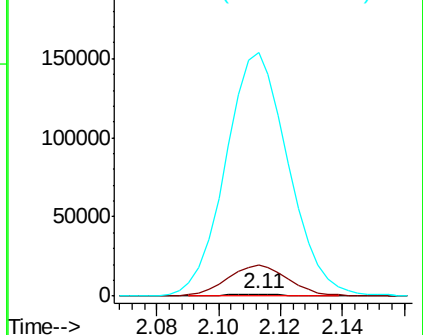
63 13817.8 108.4 201.4#

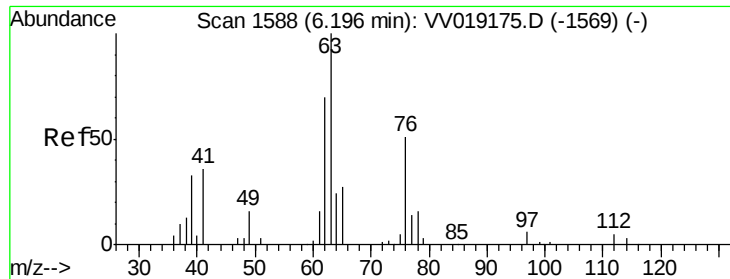


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0

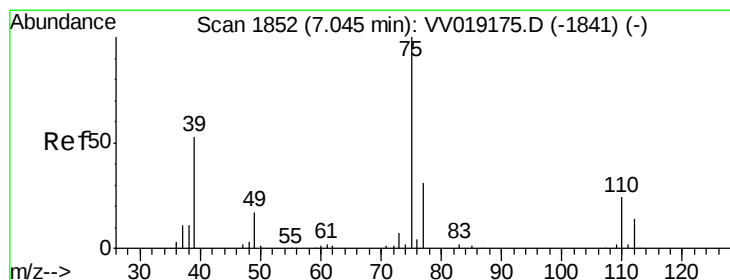
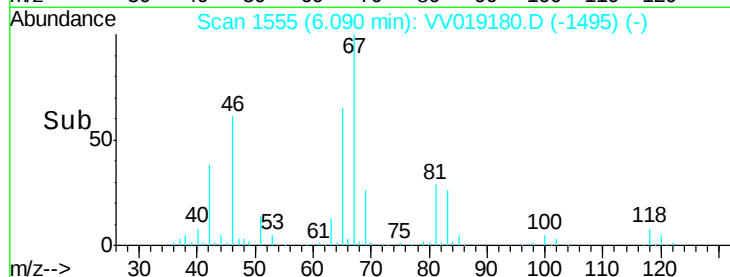
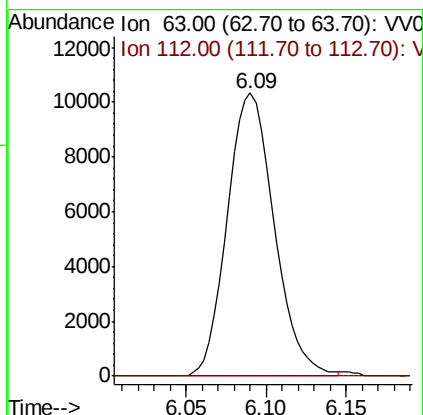
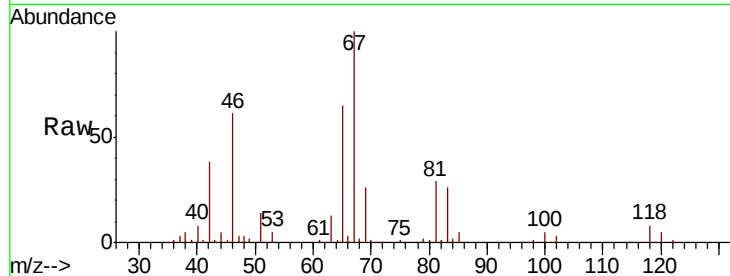




#37
 1,2-Dichloropropane
 Concen: 10.072 ug/L
 RT: 6.09 min Scan# 1555
 Delta R.T. -0.11 min
 Lab File: VV019180.D
 Acq: 30 Oct 2020 13:29

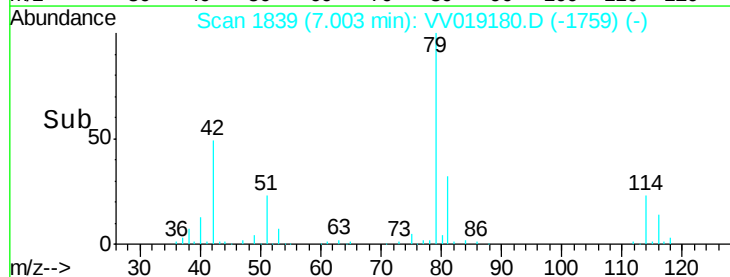
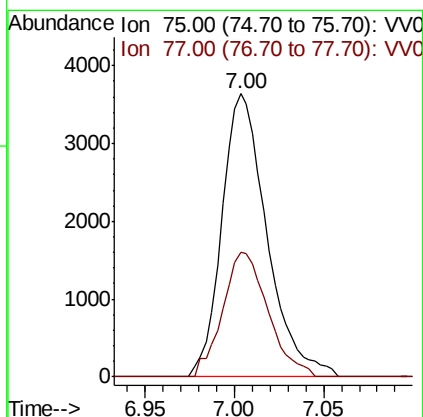
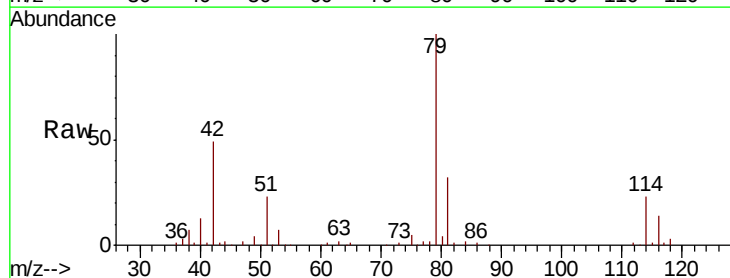
Instrument :
 MSVOA_V
 ClientSampleId :
 BG443ME

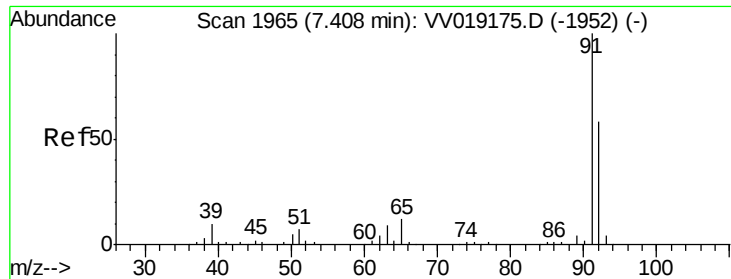
Tot Ion: 63 Resp: 20719
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.8 5.8#



#39
 cis-1,3-Dichloropropene
 Concen: 1.878 ug/L
 RT: 7.00 min Scan# 1839
 Delta R.T. -0.04 min
 Lab File: VV019180.D
 Acq: 30 Oct 2020 13:29

Tgt Ion: 75 Resp: 6381
 Ion Ratio Lower Upper
 75 100
 77 44.0 22.7 42.1#





#42

Toluene

Concen: 0.789 ug/L

RT: 7.41 min Scan# 1967

Delta R.T. 0.01 min

Lab File: VV019180.D

Acq: 30 Oct 2020 13:29

Instrument :

MSVOA_V

ClientSampleId :

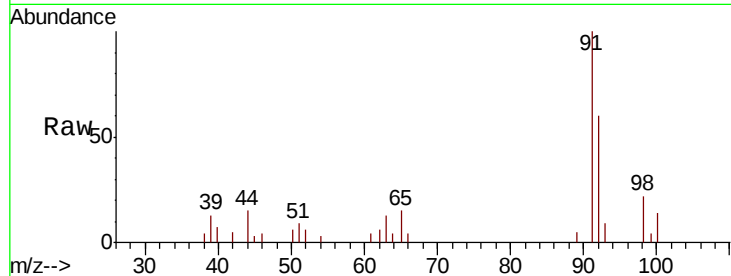
BG443ME

Tot Ion: 91 Resp: 7161

Ion Ratio Lower Upper

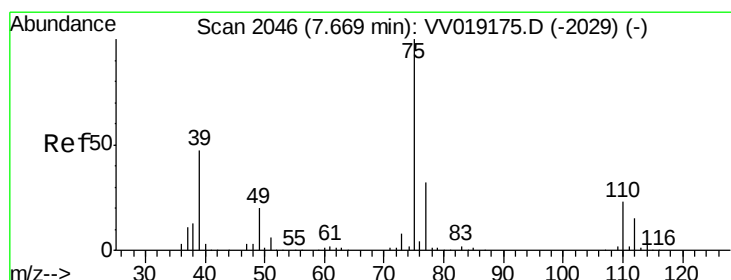
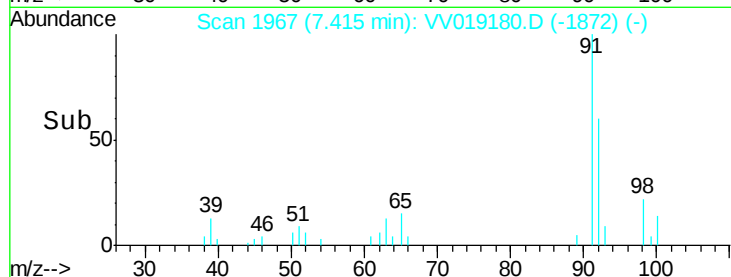
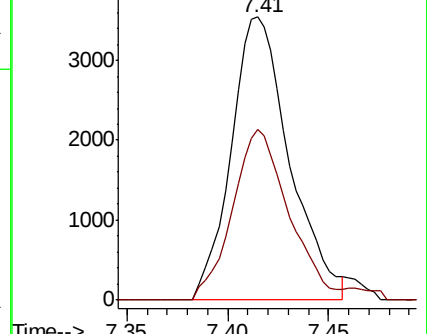
91 100

92 60.4 41.5 77.1



Abundance Ion 91.00 (90.70 to 91.70): VV0

Ion 92.00 (91.70 to 92.70): VV0



#44

trans-1,3-Dichloropropene

Concen: 1.257 ug/L

RT: 7.64 min Scan# 2036

Delta R.T. -0.03 min

Lab File: VV019180.D

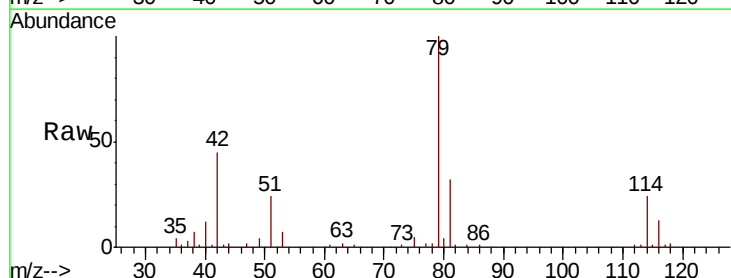
Acq: 30 Oct 2020 13:29

Tgt Ion: 75 Resp: 4444

Ion Ratio Lower Upper

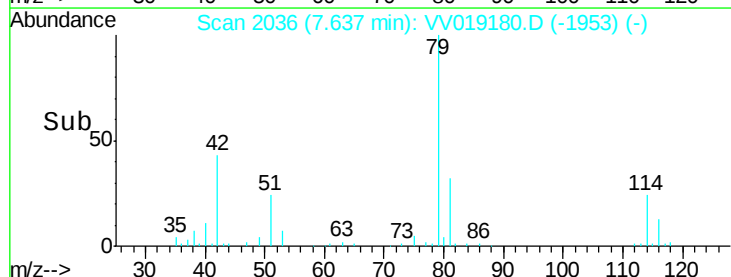
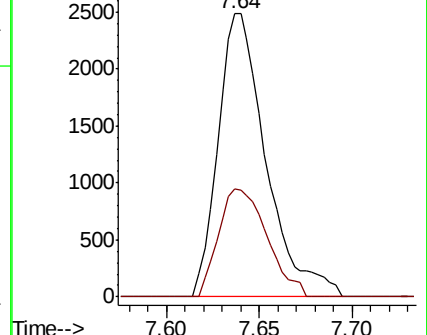
75 100

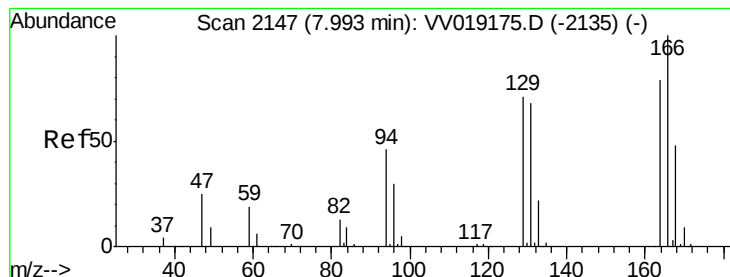
77 38.3 21.8 40.4



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0





#46

Tetrachloroethene

Concen: 46.981 ug/L

RT: 7.99 min Scan# 2147

Delta R.T. 0.00 min

Lab File: VV019180.D

Acq: 30 Oct 2020 13:29

Instrument :

MSVOA_V

ClientSampled :

BG443ME

Tot Ion:164 Resp: 91029

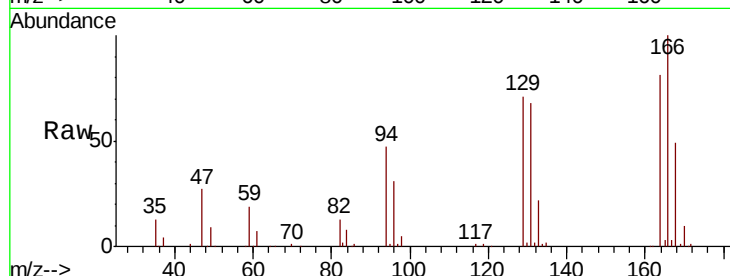
Ion Ratio Lower Upper

164 100

129 87.4 63.2 117.4

131 83.6 60.3 112.1

166 123.5 88.3 163.9

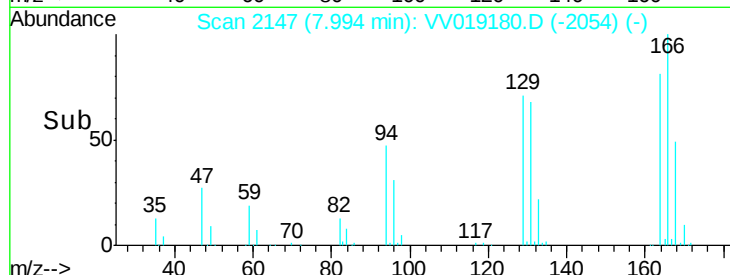


Abundance Ion 164.00 (163.70 to 164.70): V

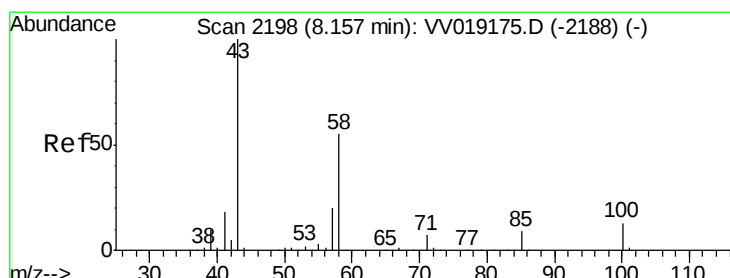
Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V



Time-->



#48

2-Hexanone

Concen: 8.234 ug/L

RT: 8.12 min Scan# 2185

Delta R.T. -0.04 min

Lab File: VV019180.D

Acq: 30 Oct 2020 13:29

Tgt Ion: 43 Resp: 18571

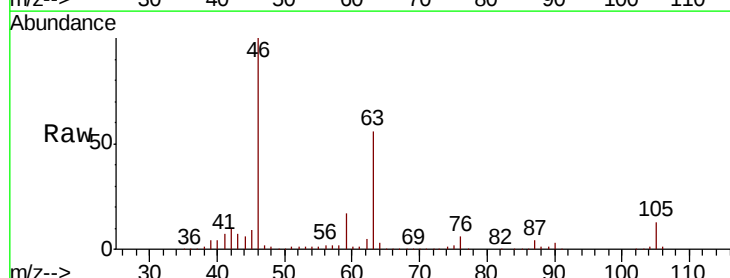
Ion Ratio Lower Upper

43 100

58 25.6 43.6 65.4#

57 23.8 16.0 24.0

100 0.0 10.3 15.5#

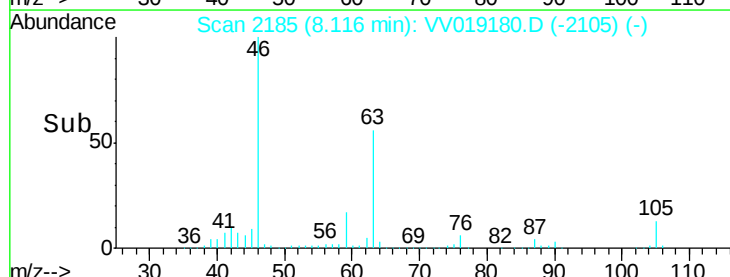


Abundance Ion 43.00 (42.70 to 43.70): VV0

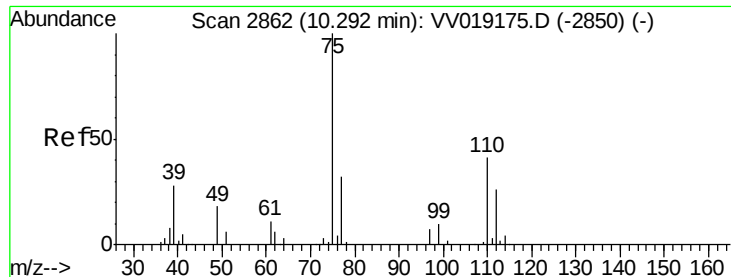
Ion 58.00 (57.70 to 58.70): VV0

Ion 57.00 (56.70 to 57.70): VV0

Ion 100.00 (99.70 to 100.70): VV0



Time-->



#59

1,2,3-Trichloropropane

Concen: 6.309 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV019180.D

Acq: 30 Oct 2020 13:29

Instrument :

MSVOA_V

ClientSampleId :

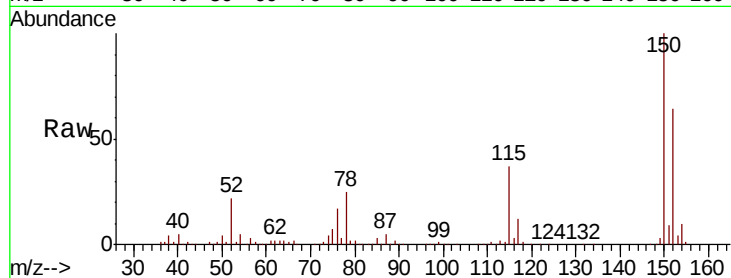
BG443ME

Tot Ion: 75 Resp: 16964

Ion Ratio Lower Upper

75 100

77 41.0 26.2 39.4#



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

