

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV101220\
 Data File : VV018852.D
 Acq On : 12 Oct 2020 13:23
 Operator : SY/MD
 Sample : L4351-01DL 20X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AC3DL

Quant Time: Oct 13 01:10:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM100820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 13 01:02:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	355254	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	367858	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	161056	50.00	ug/L	0.00

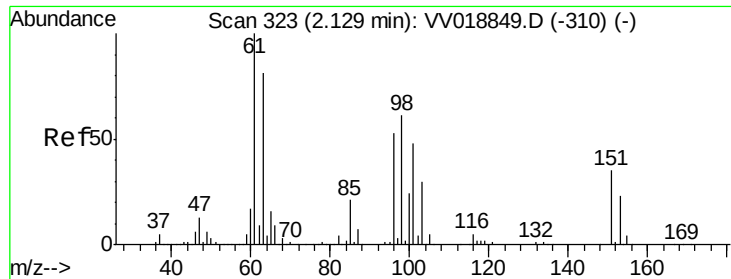
System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	151002	46.78	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.56%
7) Chloroethane-d5	1.58	69	118254	45.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.02%
11) 1,1-Dichloroethene-d2	2.12	63	221723	35.63	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.26%
21) 2-Butanone-d5	3.91	46	192405	97.08	ug/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.08%
24) Chloroform-d	4.37	84	251452	44.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.30%
26) 1,2-Dichloroethane-d4	5.05	65	172575	44.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.40%
32) Benzene-d6	5.07	84	499857	42.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.44%
36) 1,2-Dichloropropane-d6	6.09	67	158116	40.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	81.92%
41) Toluene-d8	7.34	98	434500	41.35	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.70%
43) trans-1,3-Dichloropropene-	7.64	79	75569	40.05	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.10%
47) 2-Hexanone-d5	8.11	63	101967	75.37	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	75.37%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	171741	38.68	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	77.36%
64) 1,2-Dichlorobenzene-d4	11.65	152	170708	47.89	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.78%

Target Compounds

					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1746	0.684 ug/L #	21
12) 1,1-Dichloroethene	2.12	96	2191	0.891 ug/L #	1
20) cis-1,2-Dichloroethene	3.94	96	36194	13.196 ug/L	99
27) 1,2-Dichloroethane	5.07	62	3142	0.739 ug/L	97
34) Trichloroethene	5.94	95	155155	46.193 ug/L	99
39) cis-1,3-Dichloropropene	7.01	75	4681	1.034 ug/L #	68
46) Tetrachloroethene	8.00	164	125093	50.817 ug/L	99
48) 2-Hexanone	8.16	43	17723	5.389 ug/L #	78
59) 1,2,3-Trichloropropane	11.27	75	19556	5.127 ug/L	89

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



#10

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

Concen: 0.684 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV018852.D

Acq: 12 Oct 2020 13:23

Instrument :

MSVOA_V

ClientSampleId :

C0AC3DL

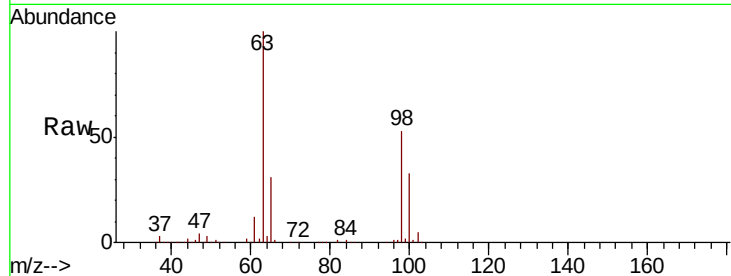
Tot Ion:101 Resp: 1746

Ion Ratio Lower Upper

101 100

85 2.3 35.9 53.9#

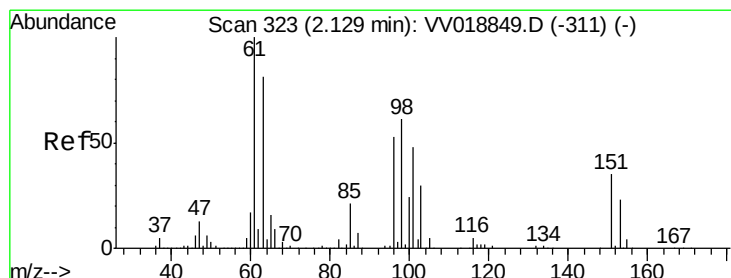
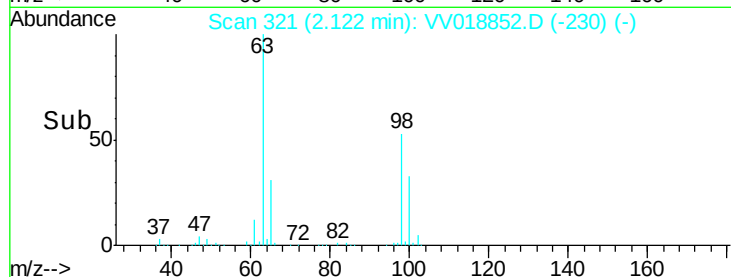
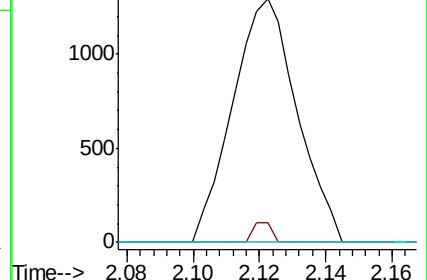
151 0.0 59.8 89.8#



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: 0.891 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV018852.D

Acq: 12 Oct 2020 13:23

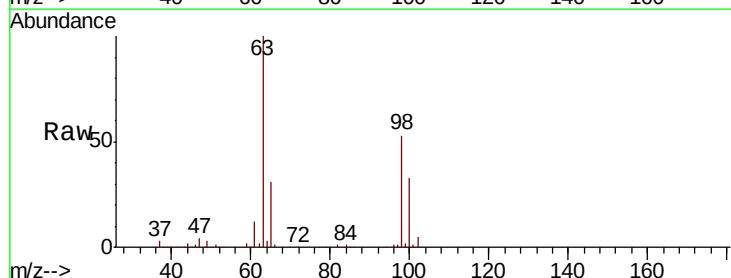
Tgt Ion: 96 Resp: 2191

Ion Ratio Lower Upper

96 100

61 1340.5 133.6 248.0#

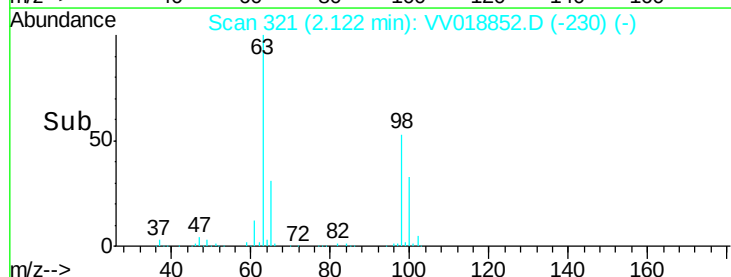
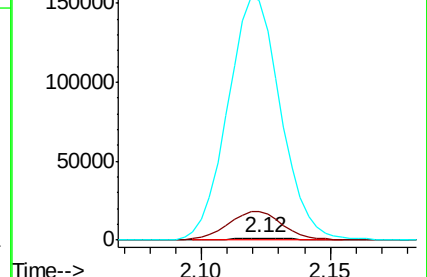
63 11279.6 108.4 201.4#

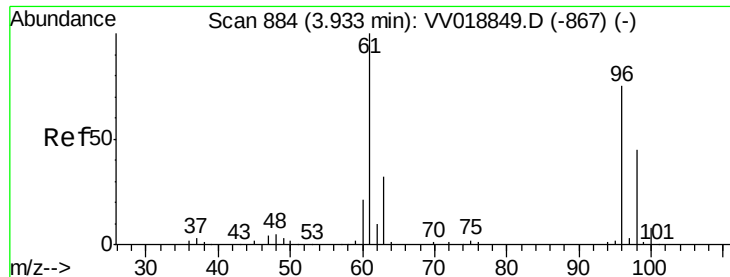


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0

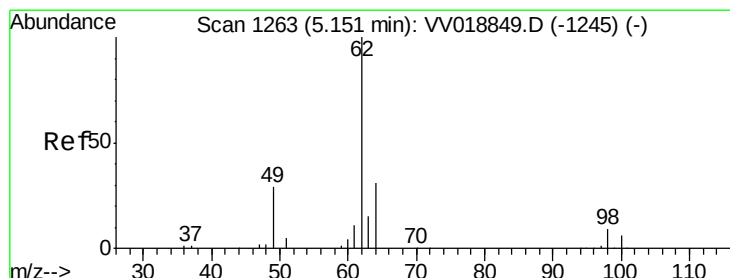
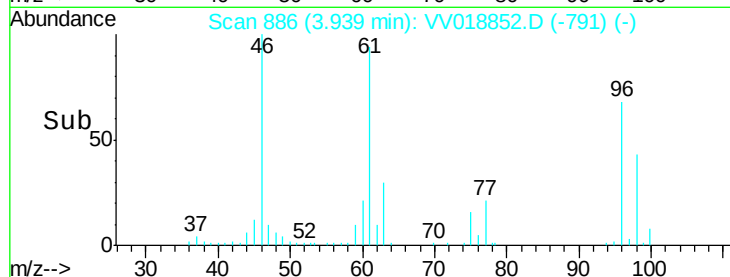
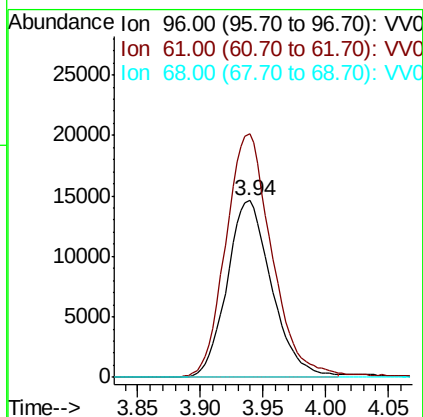
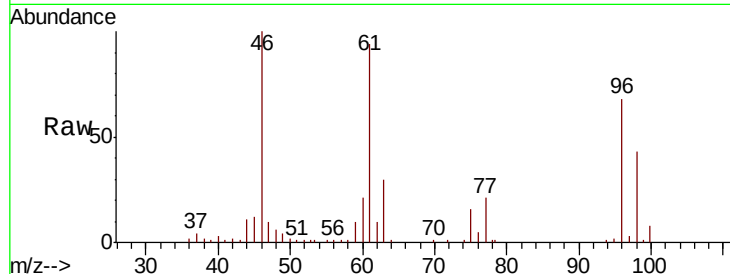




#20
 cis-1,2-Dichloroethene
 Concen: 13.196 ug/L
 RT: 3.94 min Scan# 886
 Delta R.T. 0.01 min
 Lab File: VV018852.D
 Acq: 12 Oct 2020 13:23

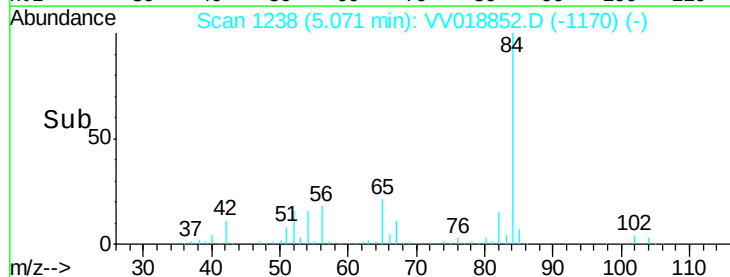
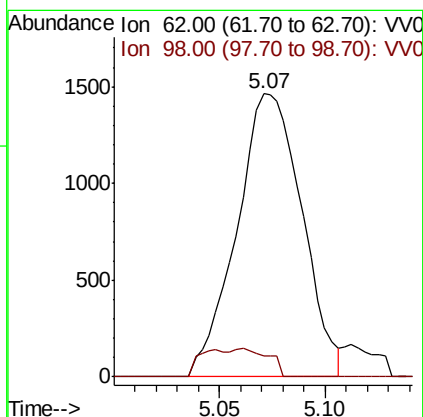
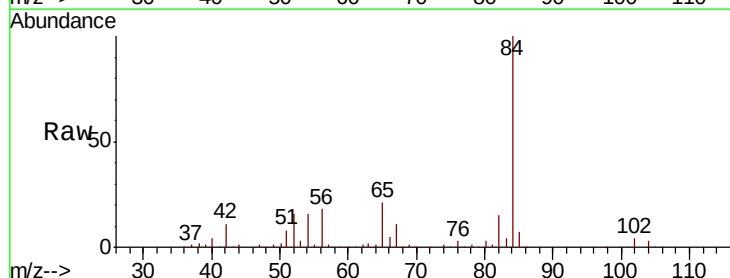
Instrument :
 MSVOA_V
 ClientSampled :
 C0AC3DL

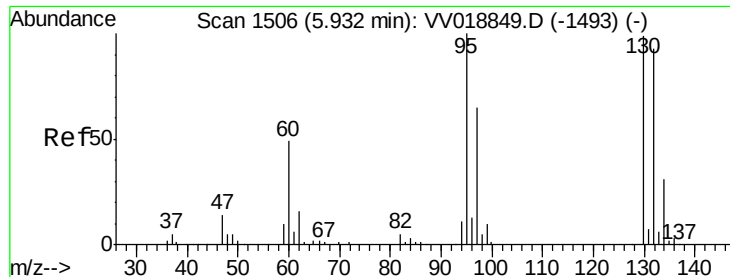
Tot Ion: 96 Resp: 36194
 Ion Ratio Lower Upper
 96 100
 61 137.6 97.3 180.7
 68 0.0 0.0 0.0



#27
 1,2-Dichloroethane
 Concen: 0.739 ug/L
 RT: 5.07 min Scan# 1238
 Delta R.T. -0.08 min
 Lab File: VV018852.D
 Acq: 12 Oct 2020 13:23

Tgt Ion: 62 Resp: 3142
 Ion Ratio Lower Upper
 62 100
 98 7.4 6.6 10.0





#34

Trichloroethene

Concen: 46.193 ug/L

RT: 5.94 min Scan# 1507

Delta R.T. 0.00 min

Lab File: VV018852.D

Acq: 12 Oct 2020 13:23

Instrument :

MSVOA_V

ClientSampleId :

C0AC3DL

Tot Ion: 95 Resp: 155155

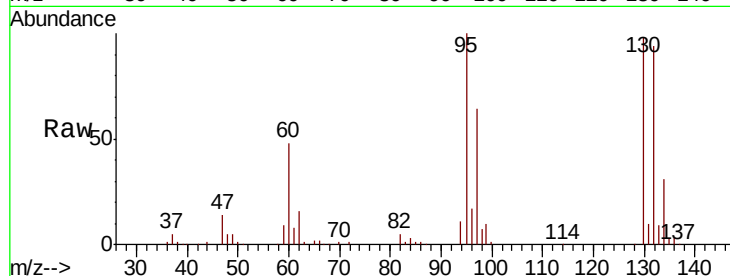
Ion Ratio Lower Upper

95 100

97 63.7 45.1 83.9

132 93.5 66.2 123.0

130 98.4 69.1 128.3

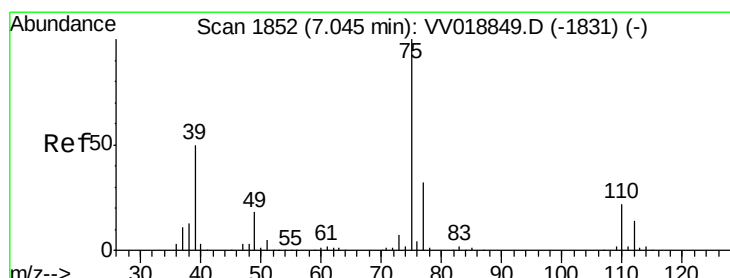
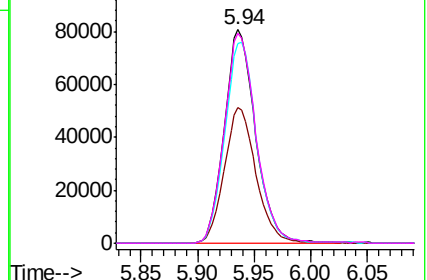
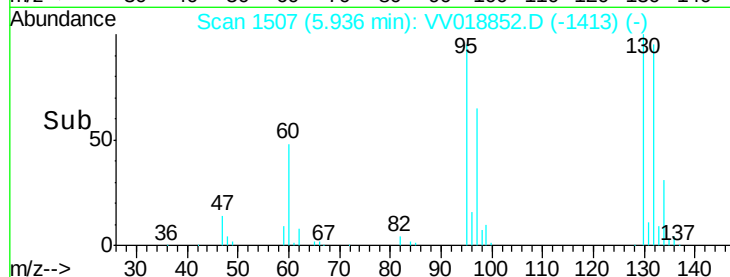


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): VV0

Ion 130.00 (129.70 to 130.70): VV0



#39

cis-1,3-Dichloropropene

Concen: 1.034 ug/L

RT: 7.01 min Scan# 1840

Delta R.T. -0.04 min

Lab File: VV018852.D

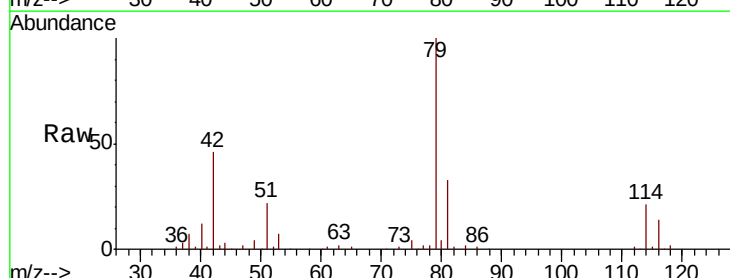
Acq: 12 Oct 2020 13:23

Tgt Ion: 75 Resp: 4681

Ion Ratio Lower Upper

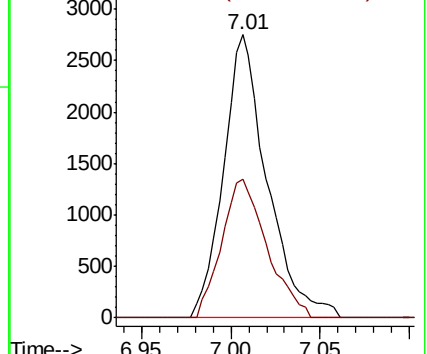
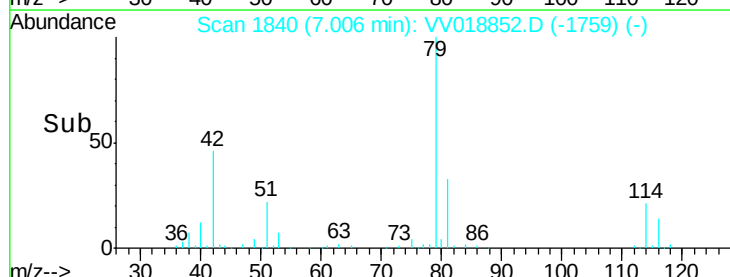
75 100

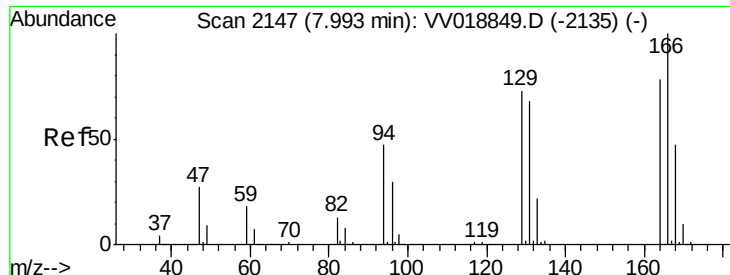
77 49.1 21.8 40.6#



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0





#46

Tetrachloroethene

Concen: 50.817 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. 0.00 min

Lab File: VV018852.D

Acq: 12 Oct 2020 13:23

Instrument :

MSVOA_V

ClientSampleId :

C0AC3DL

Tot Ion:164 Resp: 125093

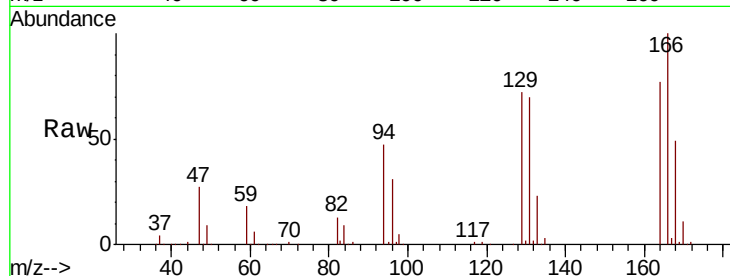
Ion Ratio Lower Upper

164 100

129 92.9 64.6 120.0

131 90.8 63.6 118.0

166 129.8 88.3 164.1

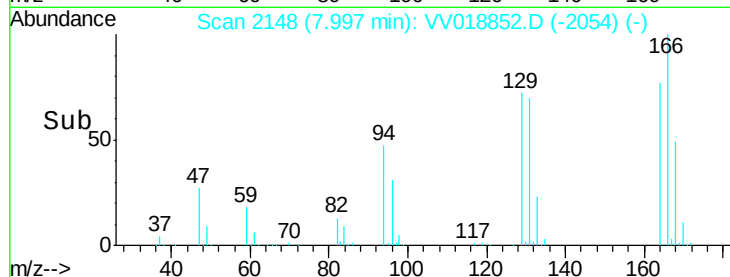


Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

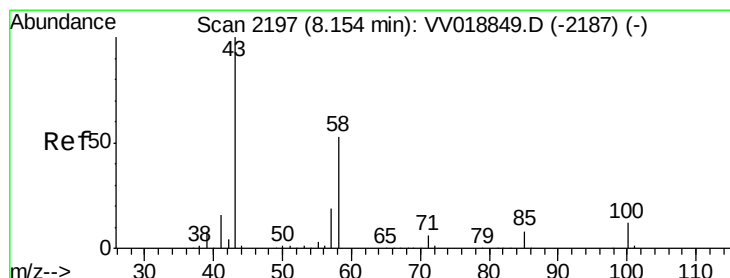
Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V



Time-->

8.00



#48

2-Hexanone

Concen: 5.389 ug/L

RT: 8.16 min Scan# 2199

Delta R.T. 0.01 min

Lab File: VV018852.D

Acq: 12 Oct 2020 13:23

Tgt Ion: 43 Resp: 17723

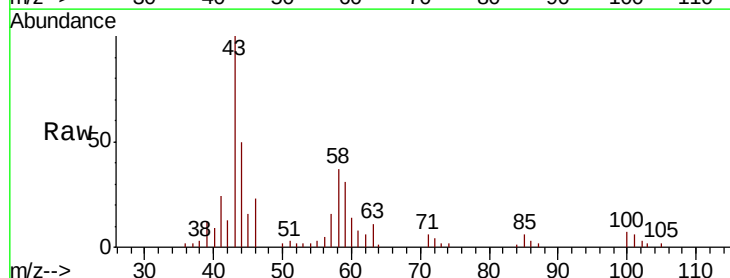
Ion Ratio Lower Upper

43 100

58 33.1 41.8 62.8#

57 12.5 14.9 22.3#

100 6.1 9.2 13.8#

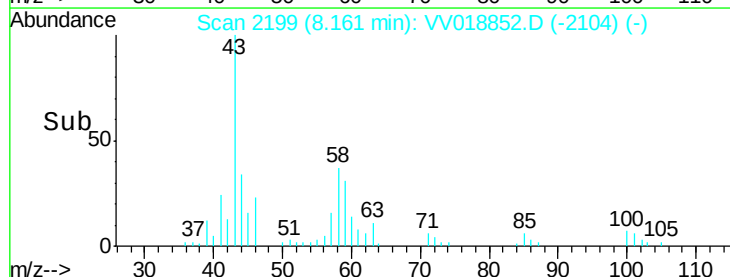


Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

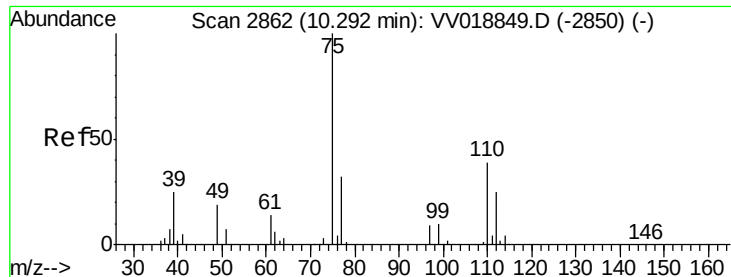
Ion 57.00 (56.70 to 57.70): VV0

Ion 100.00 (99.70 to 100.70): VV0



Time-->

8.16



#59
 1,2,3-Trichloropropane
 Concen: 5.127 ug/L
 RT: 11.27 min Scan# 3166
 Delta R.T. 0.98 min
 Lab File: VV018852.D
 Acq: 12 Oct 2020 13:23

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AC3DL

Tot Ion: 75 Resp: 19556
 Ion Ratio Lower Upper
 75 100
 77 38.7 25.9 38.9

