

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV121220\
 Data File : VV019584.D
 Acq On : 13 Dec 2020 03:16
 Operator : SY/MD
 Sample : L4998-14
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AT4

Quant Time: Dec 13 07:42:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sun Dec 13 07:40:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.62	114	625139	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	572432	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.25	152	264459	50.00	ug/L	0.00

System Monitoring Compounds

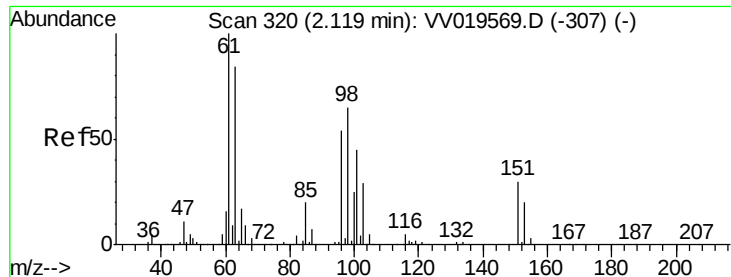
4) Vinyl Chloride-d3	1.31	65	240702	53.70	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	107.40%
7) Chloroethane-d5	1.57	69	196266	55.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	111.02%
11) 1,1-Dichloroethene-d2	2.11	63	343219	41.25	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.50%
21) 2-Butanone-d5	3.89	46	272801	111.96	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	111.96%
24) Chloroform-d	4.35	84	425995	52.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.46%
26) 1,2-Dichloroethane-d4	5.04	65	296509	56.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	112.32%
32) Benzene-d6	5.05	84	855065	56.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	112.02%
36) 1,2-Dichloropropane-d6	6.07	67	267999	56.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	112.08%
41) Toluene-d8	7.32	98	752021	54.71	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	109.42%
43) trans-1,3-Dichloropropene-	7.62	79	131510	48.34	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.68%
47) 2-Hexanone-d5	8.09	63	204200	108.79	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	108.79%
57) 1,1,2,2-Tetrachloroethane-	10.22	84	348696	53.90	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	107.80%
64) 1,2-Dichlorobenzene-d4	11.63	152	273689	55.36	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	110.72%

Target Compounds

					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.11	101	3174	0.875 ug/L #	22
13) Acetone	2.18	43	6506	3.134 ug/L	84
34) Trichloroethene	5.92	95	31047	7.025 ug/L	98
48) 2-Hexanone	8.09	43	24461	5.114 ug/L #	68

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

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#10

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

Concen: 0.875 ug/L

RT: 2.11 min Scan# 317

Delta R.T. -0.01 min

Lab File: VV019584.D

Acq: 13 Dec 2020 03:16

Instrument :

MSVOA_V

ClientSampleId :

C0AT4

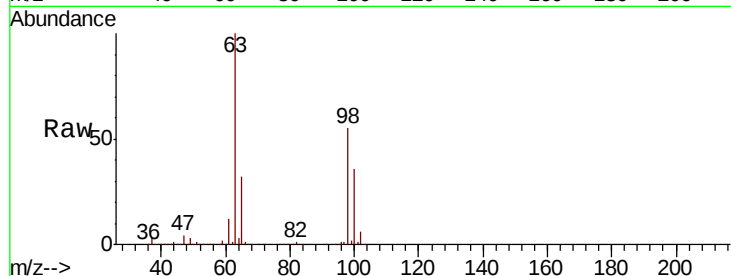
Tot Ion:101 Resp: 3174

Ion Ratio Lower Upper

101 100

85 0.0 35.0 52.4#

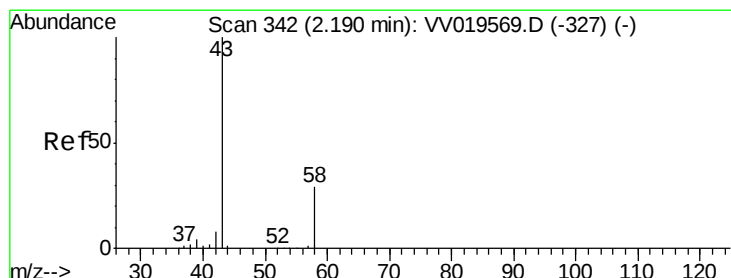
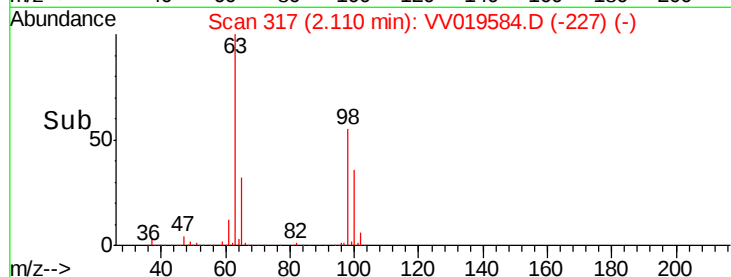
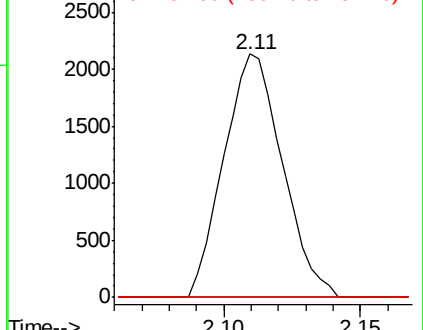
151 0.0 55.8 83.8#



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



#13

Acetone

Concen: 3.134 ug/L

RT: 2.18 min Scan# 339

Delta R.T. -0.01 min

Lab File: VV019584.D

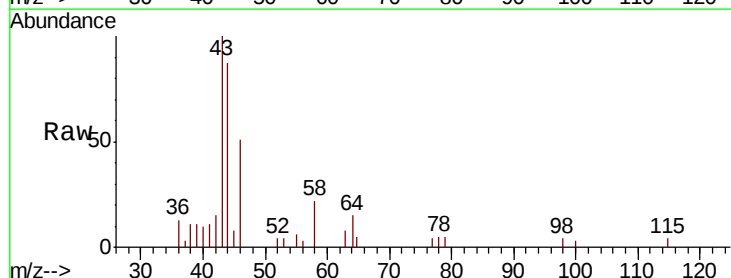
Acq: 13 Dec 2020 03:16

Tgt Ion: 43 Resp: 6506

Ion Ratio Lower Upper

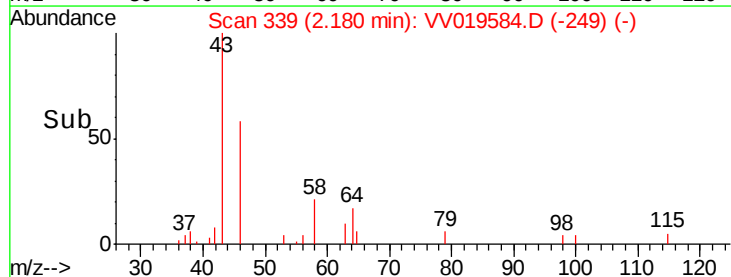
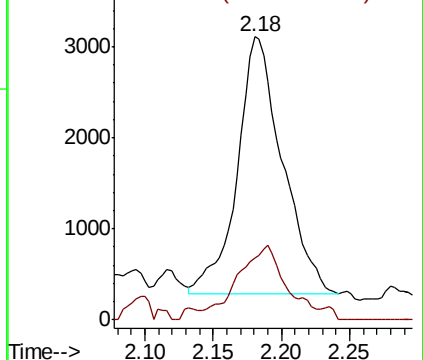
43 100

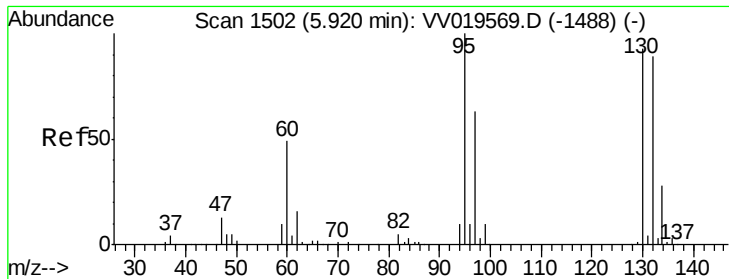
58 21.9 0.0 61.6



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0





#34

Trichloroethene

Concen: 7.025 ug/L

RT: 5.92 min Scan# 1503

Delta R.T. 0.00 min

Lab File: VV019584.D

Acq: 13 Dec 2020 03:16

Instrument :

MSVOA_V

ClientSampleId :

C0AT4

Tot Ion: 95 Resp: 31047

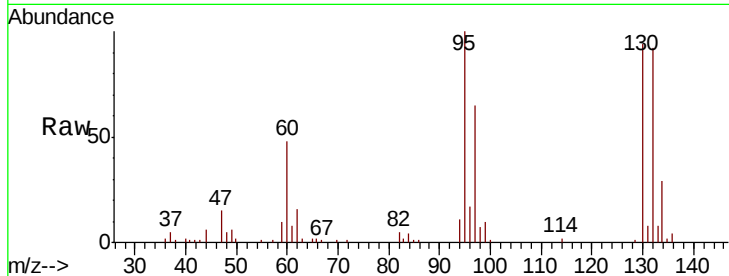
Ion Ratio Lower Upper

95 100

97 65.0 44.4 82.4

132 92.1 64.3 119.3

130 94.1 67.8 125.8



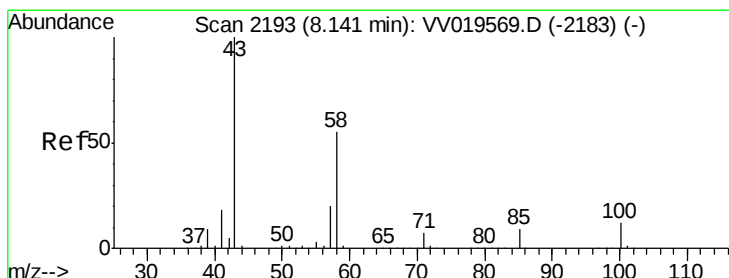
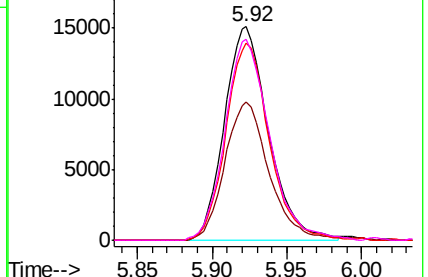
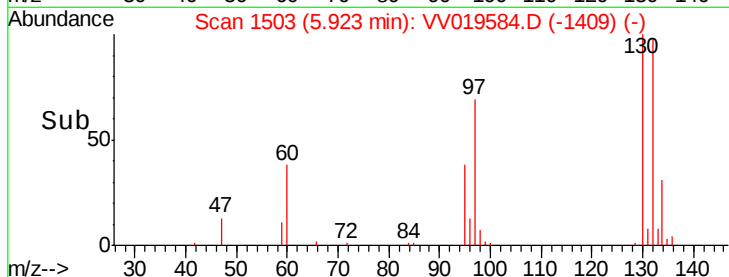
Abundance Ion 95.00 (94.70 to 95.70): VV0

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

Time-->



#48

2-Hexanone

Concen: 5.114 ug/L

RT: 8.09 min Scan# 2177

Delta R.T. -0.05 min

Lab File: VV019584.D

Acq: 13 Dec 2020 03:16

Tgt Ion: 43 Resp: 24461

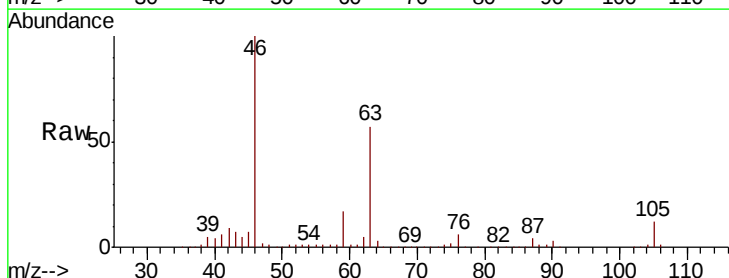
Ion Ratio Lower Upper

43 100

58 25.4 44.4 66.6#

57 21.7 15.7 23.5

100 0.5 9.9 14.9#



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-->

