

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV121420\
 Data File : VV019612.D
 Acq On : 14 Dec 2020 18:17
 Operator : SY/MD
 Sample : L4928-15RE
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG4J5

Quant Time: Dec 15 07:24:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 15 07:21:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.62	114	636761	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	598611	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.25	152	275915	50.00	ug/L	0.00

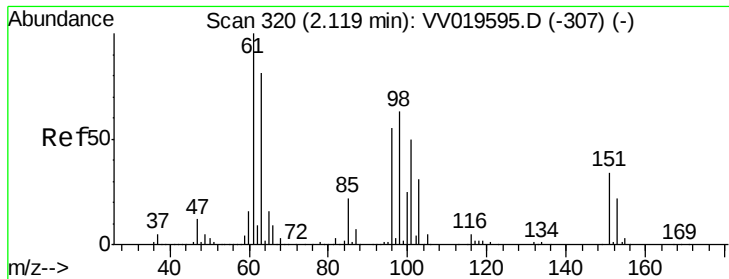
System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	227335	49.79	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	99.58%
7) Chloroethane-d5	1.57	69	193836	53.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	107.64%
11) 1,1-Dichloroethene-d2	2.11	63	340937	40.23	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.46%
21) 2-Butanone-d5	3.90	46	273556	110.22	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	110.22%
24) Chloroform-d	4.35	84	420152	51.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.12%
26) 1,2-Dichloroethane-d4	5.04	65	293317	54.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.08%
32) Benzene-d6	5.05	84	857888	53.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.46%
36) 1,2-Dichloropropane-d6	6.07	67	267854	53.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	107.12%
41) Toluene-d8	7.32	98	757001	52.66	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.32%
43) trans-1,3-Dichloropropene-	7.62	79	133246	46.84	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.68%
47) 2-Hexanone-d5	8.09	63	196823	100.28	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.28%
57) 1,1,2,2-Tetrachloroethane-	10.22	84	340595	50.35	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.70%
64) 1,2-Dichlorobenzene-d4	11.63	152	273746	53.08	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.16%

Target Compounds

					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.11	101	2899	0.784 ug/L #	22
13) Acetone	2.20	43	11161	5.279 ug/L	66
39) cis-1,3-Dichloropropene	6.99	75	8683	1.144 ug/L #	56
48) 2-Hexanone	8.09	43	23347	4.668 ug/L #	68
59) 1,2,3-Trichloropropane	11.25	75	36784	6.473 ug/L #	83

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



#10

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

Concen: 0.784 ug/L

RT: 2.11 min Scan# 317

Delta R.T. -0.01 min

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MSVOA_V

ClientSampled :

BG4J5

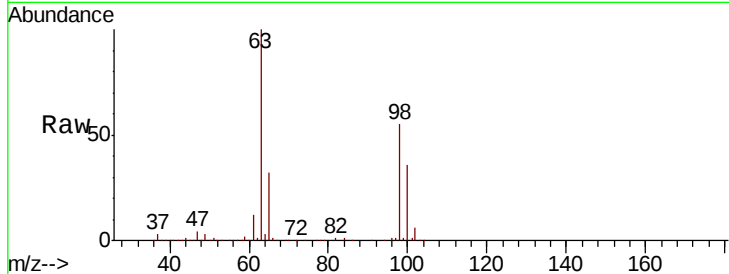
Tot Ion:101 Resp: 2899

Ion Ratio Lower Upper

101 100

85 0.0 35.0 52.4#

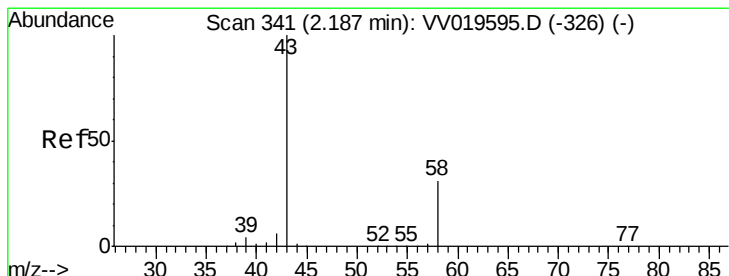
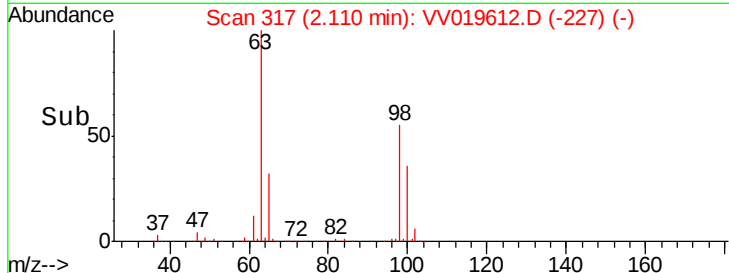
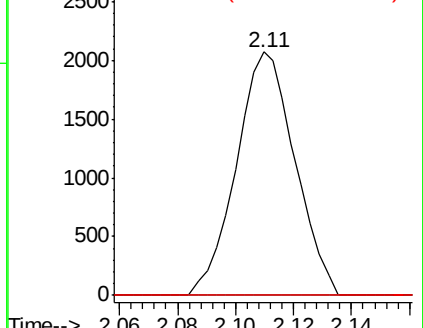
151 0.0 55.8 83.8#



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: 5.279 ug/L

RT: 2.20 min Scan# 345

Delta R.T. 0.01 min

Lab File: VV019612.D

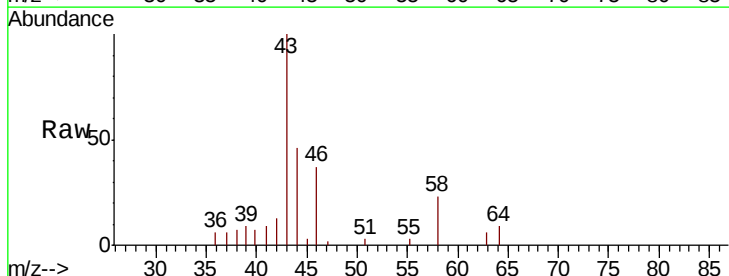
Acq: 14 Dec 2020 18:17

Tgt Ion: 43 Resp: 11161

Ion Ratio Lower Upper

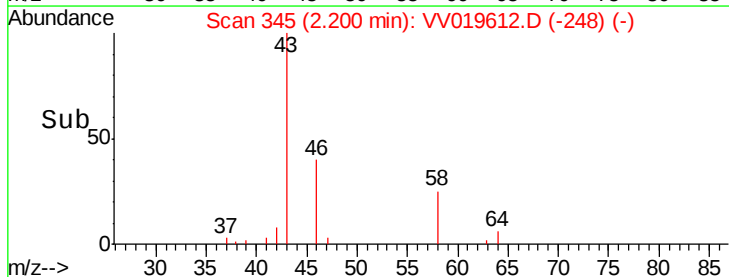
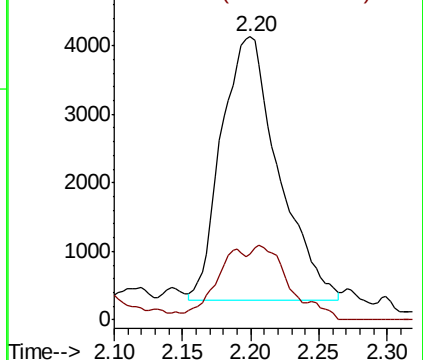
43 100

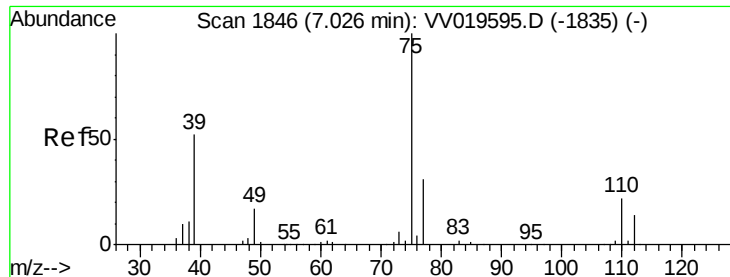
58 12.1 0.0 61.6



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0





#39

cis-1,3-Dichloropropene

Concen: 1.144 ug/L

RT: 6.99 min Scan# 1835

Delta R.T. -0.04 min

Lab File: VV019612.D

Acq: 14 Dec 2020 18:17

Instrument :

MSVOA_V

ClientSampleId :

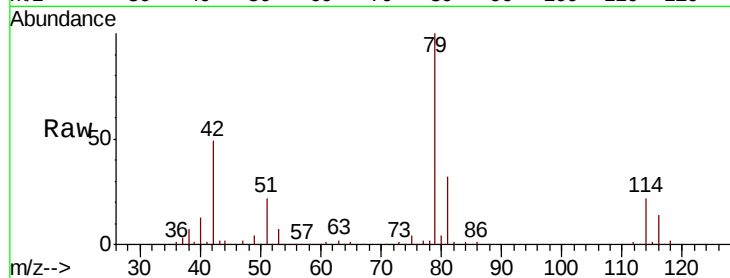
BG4J5

Tot Ion: 75 Resp: 8683

Ion Ratio Lower Upper

75 100

77 56.5 22.4 41.6#



Abundance Ion 75.00 (74.70 to 75.70): VV019595.D (-1835) (-)

Ion 77.00 (76.70 to 77.70): VV019595.D (-1835) (-)

6.99

5000

4000

3000

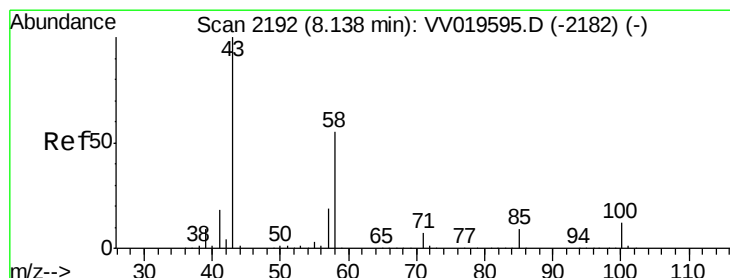
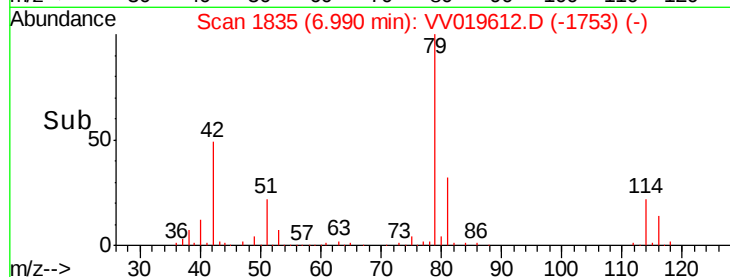
2000

1000

0

6.95 7.00 7.05

Time-->



#48

2-Hexanone

Concen: 4.668 ug/L

RT: 8.09 min Scan# 2177

Delta R.T. -0.05 min

Lab File: VV019612.D

Acq: 14 Dec 2020 18:17

Tgt Ion: 43 Resp: 23347

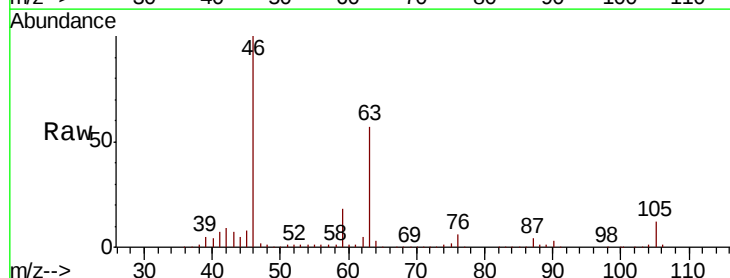
Ion Ratio Lower Upper

43 100

58 25.7 44.4 66.6#

57 23.6 15.7 23.5#

100 0.8 9.9 14.9#



Abundance Ion 43.00 (42.70 to 43.70): VV019595.D (-2182) (-)

Ion 58.00 (57.70 to 58.70): VV019595.D (-2182) (-)

Ion 57.00 (56.70 to 57.70): VV019595.D (-2182) (-)

Ion 100.00 (99.70 to 100.70): VV019595.D (-2182) (-)

20000

15000

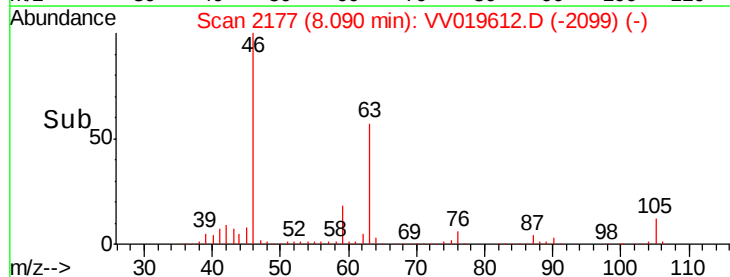
10000

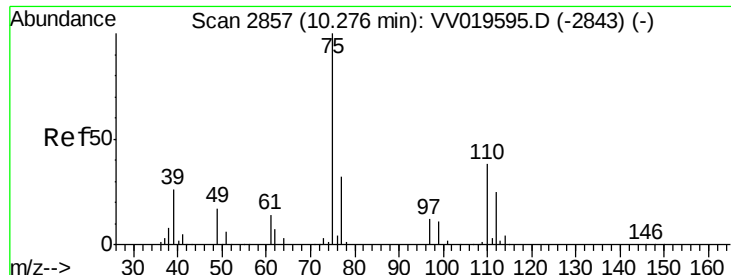
5000

0

8.05 8.10 8.15

Time-->





#59

1,2,3-Trichloropropane

Concen: 6.473 ug/L

RT: 11.25 min Scan# 3160

Delta R.T. 0.97 min

Lab File: VV019612.D

Acq: 14 Dec 2020 18:17

Instrument :

MSVOA_V

ClientSampleId :

BG4J5

Tot Ion: 75 Resp: 36784

Ion Ratio Lower Upper

75 100

77 41.9 25.8 38.8#

