

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV010721\
 Data File : VV019923.D
 Acq On : 07 Jan 2021 15:51
 Operator : SY/MD
 Sample : M1016-07
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG4Q8

Quant Time: Jan 08 01:33:48 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM122820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jan 08 01:32:18 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.62	114	468982	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	449487	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.26	152	207213	50.00	ug/L	0.00

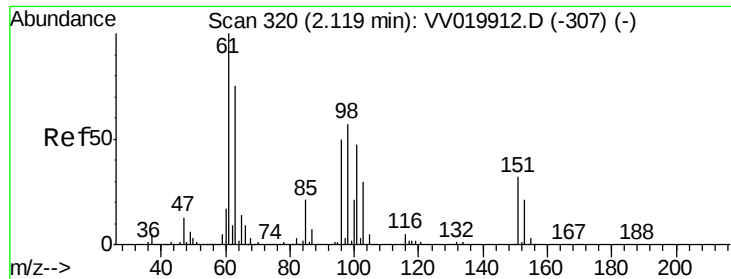
System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	123458	34.02	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	68.04%
7) Chloroethane-d5	1.57	69	119214	41.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	82.66%
11) 1,1-Dichloroethene-d2	2.11	63	206326	30.08	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	60.16%
21) 2-Butanone-d5	3.89	46	285797	106.25	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.25%
24) Chloroform-d	4.35	84	296058	43.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.36%
26) 1,2-Dichloroethane-d4	5.04	65	210806	47.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.06%
32) Benzene-d6	5.05	84	538959	41.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.28%
36) 1,2-Dichloropropane-d6	6.07	67	187733	44.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.22%
41) Toluene-d8	7.32	98	452273	39.26	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	78.52%#
43) trans-1,3-Dichloropropene-	7.63	79	77410	36.59	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.18%
47) 2-Hexanone-d5	8.09	63	142905	81.24	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	81.24%
57) 1,1,2,2-Tetrachloroethane-	10.22	84	240209	43.40	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.80%
64) 1,2-Dichlorobenzene-d4	11.63	152	188811	47.64	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.28%

Target Compounds

					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.11	101	1994	0.671 ug/L #	24
13) Acetone	2.19	43	7826	3.758 ug/L	91
27) 1,2-Dichloroethane	5.05	62	4091	0.747 ug/L	97
48) 2-Hexanone	8.15	43	23541	5.356 ug/L #	80

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



#10

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

Concen: 0.671 ug/L

RT: 2.11 min Scan# 316

Delta R.T. -0.01 min

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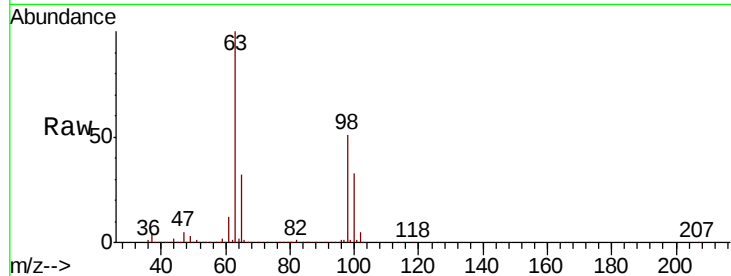
Tot Ion:101 Resp: 1994

Ion Ratio Lower Upper

101 100

85 2.6 35.3 52.9#

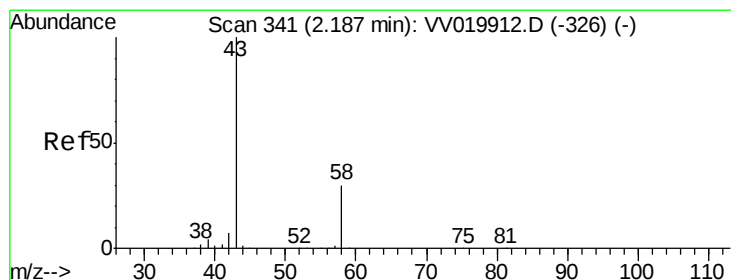
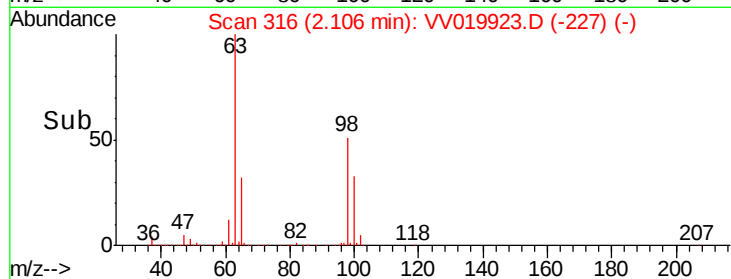
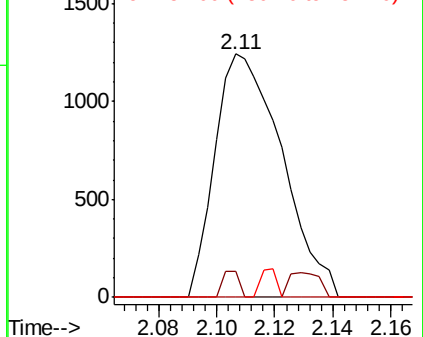
151 0.0 53.6 80.4#



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



#13

Acetone

Concen: 3.758 ug/L

RT: 2.19 min Scan# 341

Delta R.T. 0.00 min

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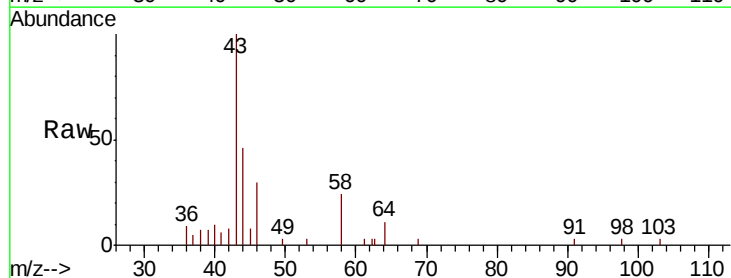
Acq: 07 Jan 2021 15:51

Tgt Ion: 43 Resp: 7826

Ion Ratio Lower Upper

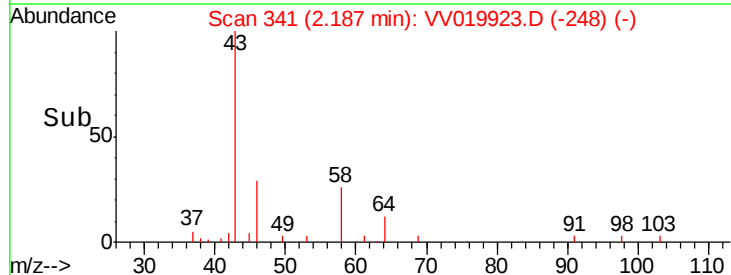
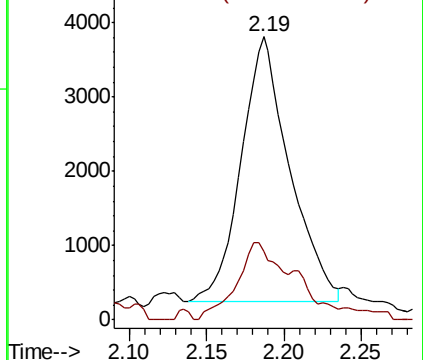
43 100

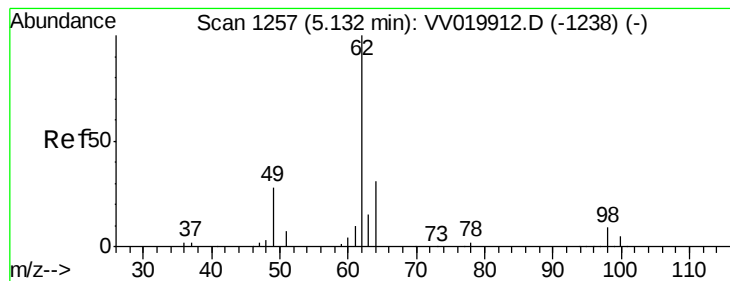
58 25.3 0.0 60.2



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0





#27

1,2-Dichloroethane

Concen: 0.747 ug/L

RT: 5.05 min Scan# 1232

Delta R.T. -0.08 min

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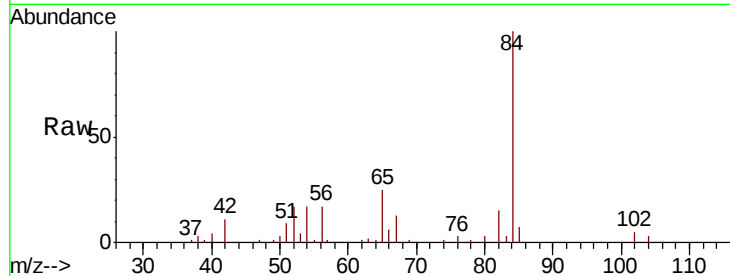
BG4Q8

Tot Ion: 62 Resp: 4091

Ion Ratio Lower Upper

62 100

98 7.5 6.9 10.3



Abundance Ion 62.00 (61.70 to 62.70): VV019923.D (-1238) (-)

Ion 98.00 (97.70 to 98.70): VV019923.D (-1238) (-)

5.05

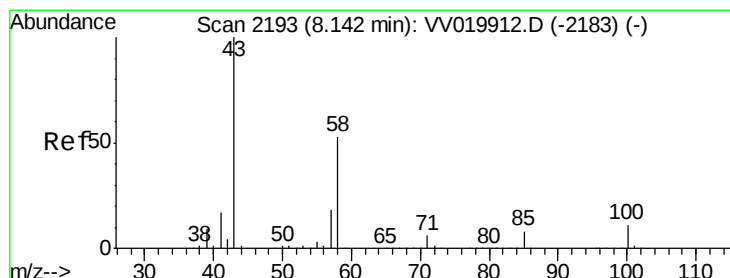
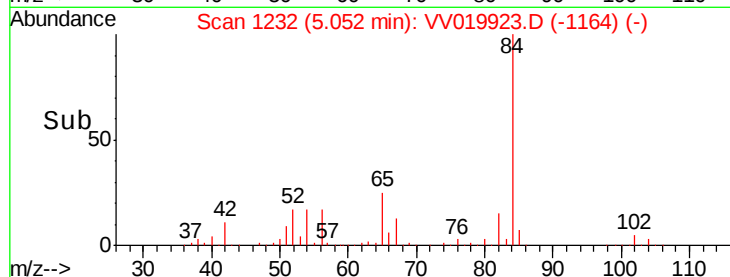
1500

1000

500

0

Time-->



#48

2-Hexanone

Concen: 5.356 ug/L

RT: 8.15 min Scan# 2195

Delta R.T. 0.01 min

Lab File: VV019923.D

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Tgt Ion: 43 Resp: 23541

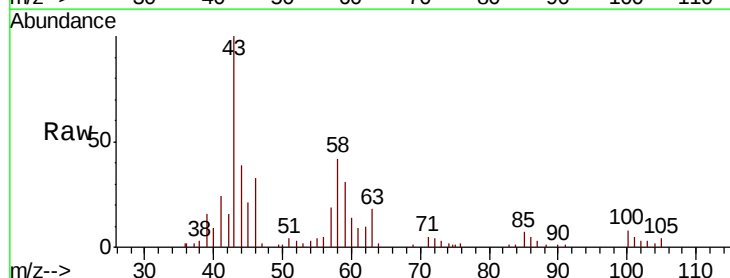
Ion Ratio Lower Upper

43 100

58 35.8 41.8 62.6#

57 11.0 15.0 22.4#

100 7.7 8.9 13.3#



Abundance Ion 43.00 (42.70 to 43.70): VV019923.D (-2100) (-)

Ion 58.00 (57.70 to 58.70): VV019923.D (-2100) (-)

Ion 57.00 (56.70 to 57.70): VV019923.D (-2100) (-)

Ion 100.00 (99.70 to 100.70): VV019923.D (-2100) (-)

15000

10000

5000

0

Time-->

