

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061020\
 Data File : VV016804.D
 Acq On : 11 Jun 2020 05:32
 Operator : SY/MD
 Sample : L2848-16
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AH1

Quant Time: Jun 11 06:43:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jun 11 04:06:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	323919	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	308420	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	148996	50.00	ug/L	0.00

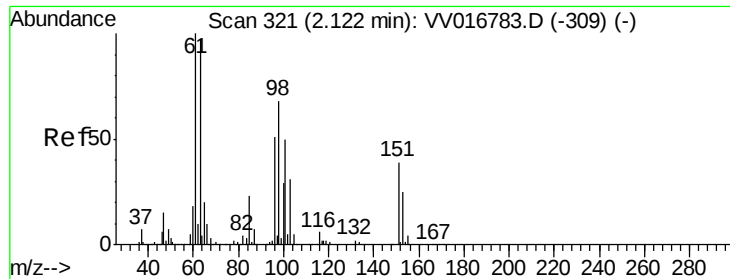
System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	90192	39.46	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.92%
7) Chloroethane-d5	1.56	69	64449	46.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.98%
11) 1,1-Dichloroethene-d2	2.12	63	124859	32.53	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.06%
21) 2-Butanone-d5	3.90	46	148852	87.99	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	87.99%
24) Chloroform-d	4.37	84	197527	42.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.00%
26) 1,2-Dichloroethane-d4	5.05	65	142741	45.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.30%
32) Benzene-d6	5.07	84	385975	43.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.82%
36) 1,2-Dichloropropane-d6	6.09	67	120807	43.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.18%
41) Toluene-d8	7.34	98	353515	43.33	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.66%
43) trans-1,3-Dichloropropene-	7.64	79	56532	39.17	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.34%
47) 2-Hexanone-d5	8.11	63	80937	66.99	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	66.99%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	150744	41.09	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	82.18%
64) 1,2-Dichlorobenzene-d4	11.65	152	150677	47.39	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.78%

Target Compounds

					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1318	0.765 ug/L #	22
13) Acetone	2.17	43	4071	3.652 ug/L	90
48) 2-Hexanone	8.16	43	14585	5.594 ug/L #	79

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



#10

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

Concen: 0.765 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.00 min

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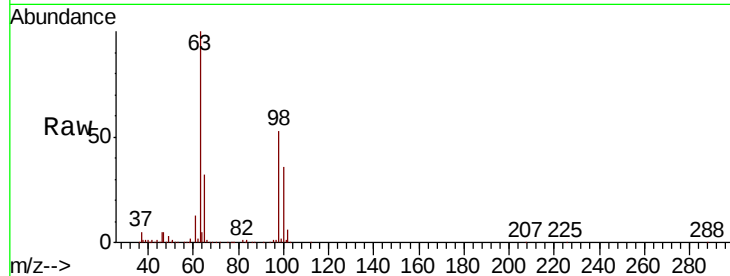
Tot Ion:101 Resp: 1318

Ion Ratio Lower Upper

101 100

85 3.3 35.5 53.3#

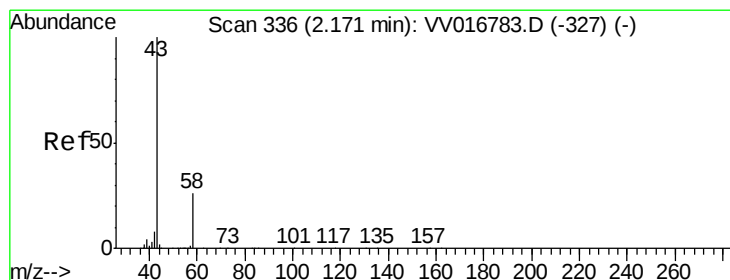
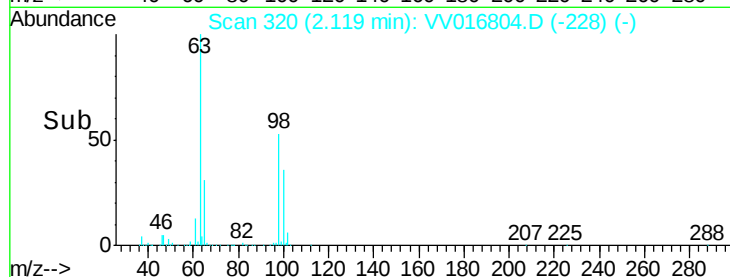
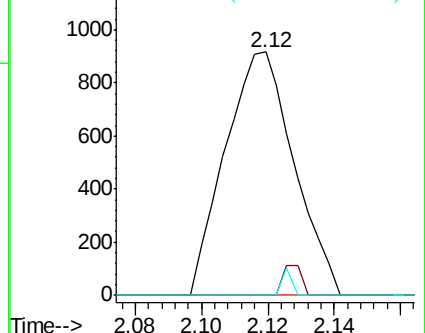
151 3.6 63.9 95.9#



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: 3.652 ug/L

RT: 2.17 min Scan# 337

Delta R.T. 0.00 min

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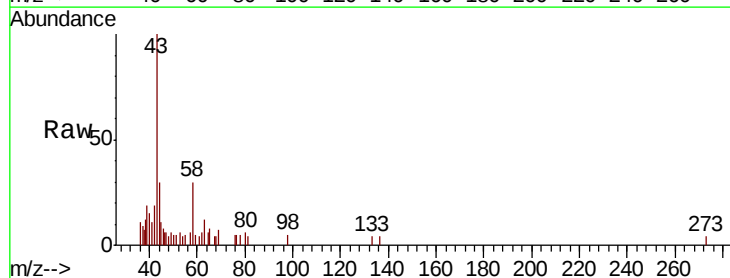
Acq: 11 Jun 2020 05:32

Tgt Ion: 43 Resp: 4071

Ion Ratio Lower Upper

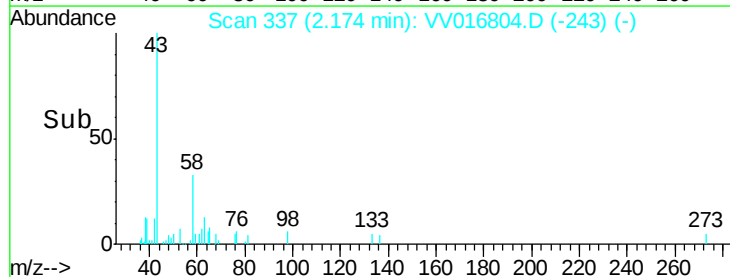
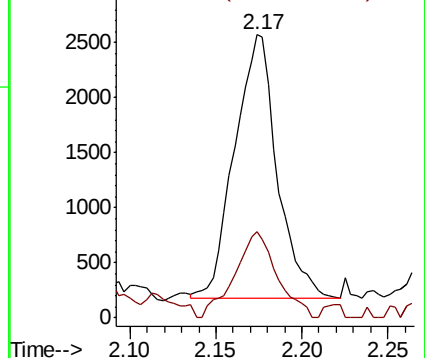
43 100

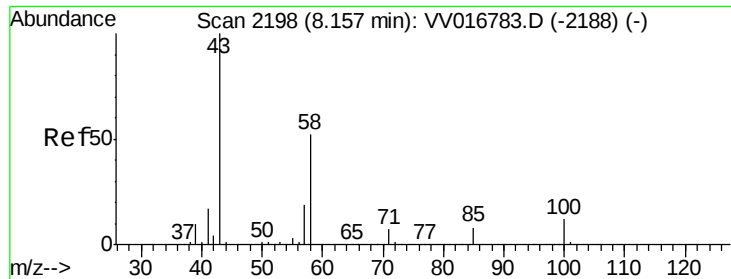
58 32.7 0.0 55.2



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0





#48

2-Hexanone

Concen: 5.594 ug/L

RT: 8.16 min Scan# 2200

Delta R.T. 0.01 min

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Tot Ion: 43 Resp: 14585

Ion Ratio Lower Upper

43 100

58 42.6 43.1 64.7#

57 1.8 15.3 22.9#

100 6.9 10.0 15.0#

