

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100720\
 Data File : VV018751.D
 Acq On : 08 Oct 2020 00:31
 Operator : SY/MD
 Sample : L4284-12
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 08 06:43:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 08 02:46:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	285555	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	275134	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	131148	50.00	ug/L	0.00

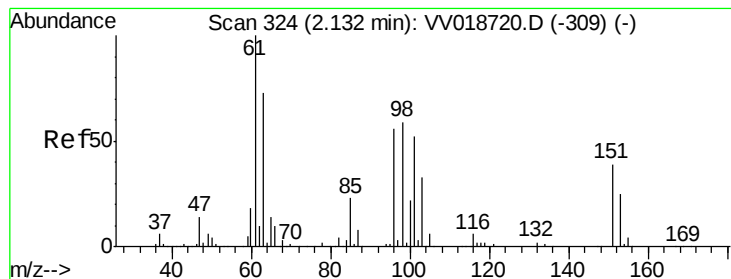
System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	68831	41.10	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.20%
7) Chloroethane-d5	1.58	69	63694	46.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.00%
11) 1,1-Dichloroethene-d2	2.12	63	116735	34.21	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.42%
21) 2-Butanone-d5	3.91	46	98956	79.21	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	79.21%
24) Chloroform-d	4.38	84	150072	41.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.88%
26) 1,2-Dichloroethane-d4	5.06	65	107464	46.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.48%
32) Benzene-d6	5.07	84	284013	40.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.50%
36) 1,2-Dichloropropane-d6	6.09	67	90478	42.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	85.94%
41) Toluene-d8	7.34	98	262198	39.99	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	79.98%#
43) trans-1,3-Dichloropropene-	7.64	79	44289	38.93	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.86%
47) 2-Hexanone-d5	8.11	63	48140	60.19	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	60.19%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	90970	32.59	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	65.18%
64) 1,2-Dichlorobenzene-d4	11.65	152	108614	43.06	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.12%

Target Compounds

					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1363	0.734 ug/L #	24
13) Acetone	2.19	43	3834	3.552 ug/L	82
48) 2-Hexanone	8.16	43	13794	6.607 ug/L #	86

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



#10

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

Concen: 0.734 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

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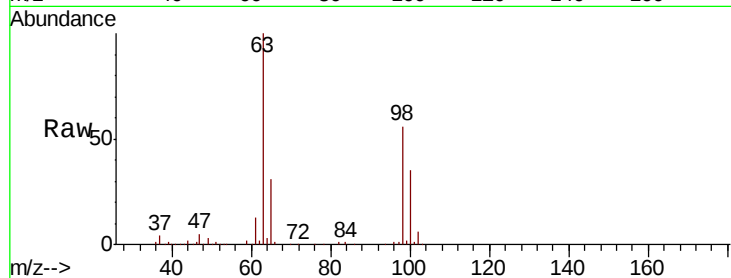
Tot Ion:101 Resp: 1363

Ion Ratio Lower Upper

101 100

85 3.0 34.6 52.0#

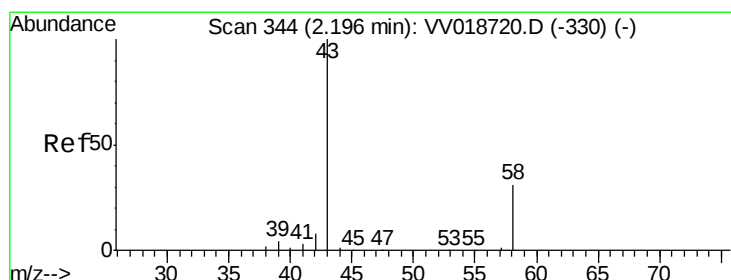
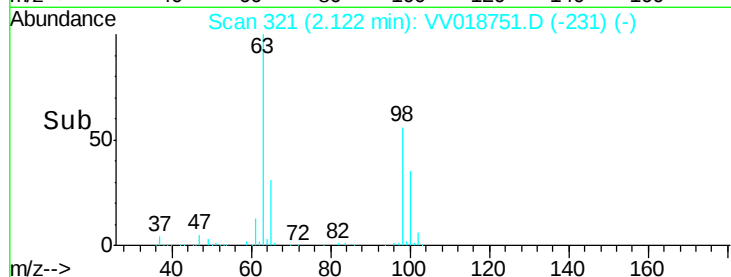
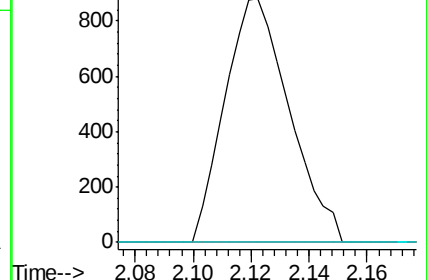
151 6.5 64.3 96.5#



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: 3.552 ug/L

RT: 2.19 min Scan# 342

Delta R.T. -0.01 min

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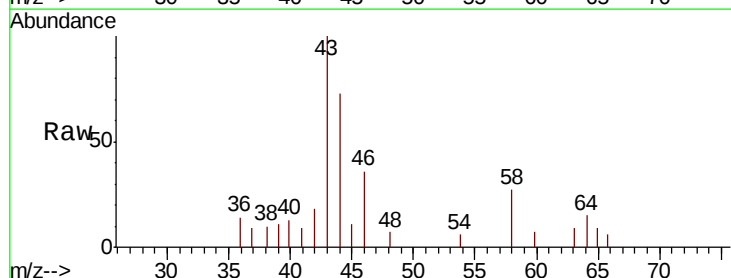
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Tgt Ion: 43 Resp: 3834

Ion Ratio Lower Upper

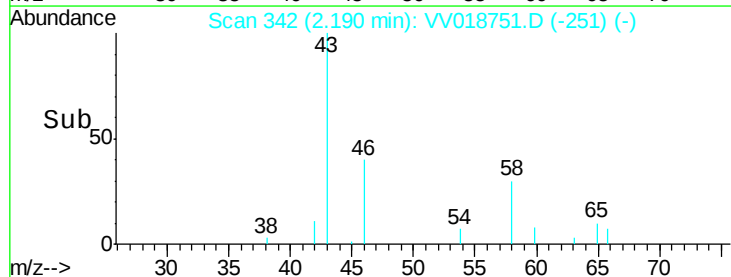
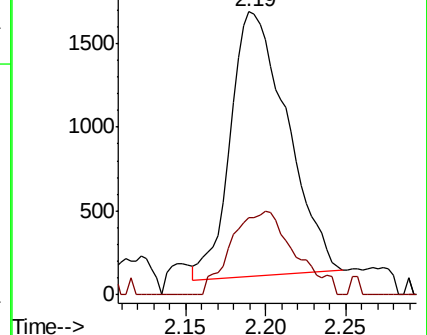
43 100

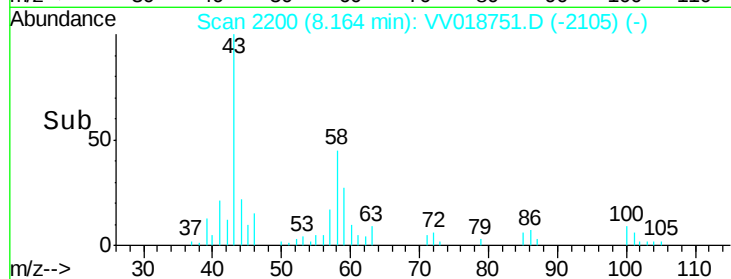
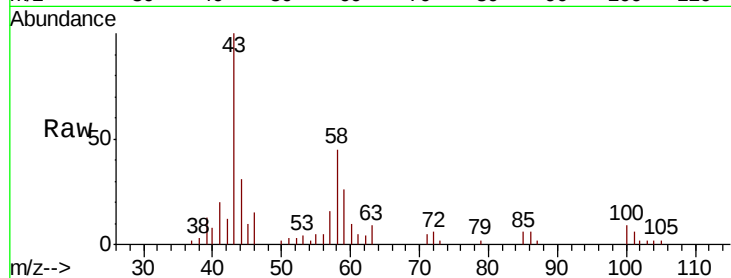
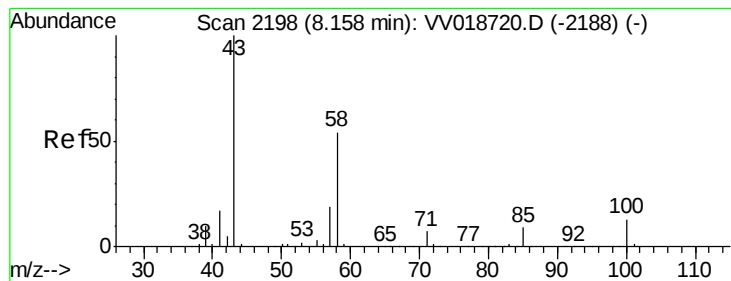
58 22.2 0.0 64.0



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0





#48

2-Hexanone

Concen: 6.607 ug/L

RT: 8.16 min Scan# 2200

Delta R.T. 0.01 min

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Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 13794

Ion Ratio Lower Upper

43 100

58 47.0 45.1 67.7

57 11.8 15.7 23.5#

100 6.6 11.0 16.4#

