

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100720\
 Data File : VV018697.D
 Acq On : 06 Oct 2020 18:49
 Operator : SY/MD
 Sample : L4144-06
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 07 07:23:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 07 07:22:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	288714	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	279625	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	131931	50.00	ug/L	0.00

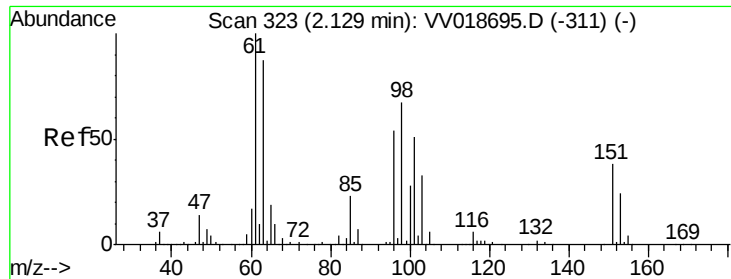
System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	88439	52.23	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	104.46%
7) Chloroethane-d5	1.58	69	78368	55.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	111.96%
11) 1,1-Dichloroethene-d2	1.85	63	70	0.02	ug/L	-0.27
Spiked Amount	50.000	Range	60 - 125	Recovery	=	0.04%#
21) 2-Butanone-d5	3.92	46	113602	89.94	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	89.94%
24) Chloroform-d	4.38	84	166207	45.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.78%
26) 1,2-Dichloroethane-d4	5.06	65	116900	50.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.58%
32) Benzene-d6	5.07	84	326273	46.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.14%
36) 1,2-Dichloropropane-d6	6.09	67	100626	47.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.04%
41) Toluene-d8	7.34	98	295445	44.34	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.68%
43) trans-1,3-Dichloropropene-	7.64	79	49417	42.75	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.50%
47) 2-Hexanone-d5	8.11	63	60073	73.90	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	73.90%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	108706	38.31	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	76.62%
64) 1,2-Dichlorobenzene-d4	11.65	152	119511	47.10	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.20%

Target Compounds

					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1469	0.782	ug/L # 18
48) 2-Hexanone	8.16	43	12018	5.664	ug/L # 65
59) 1,2,3-Trichloropropane	11.27	75	15398	6.006	ug/L # 83

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



#10

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

Concen: 0.782 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

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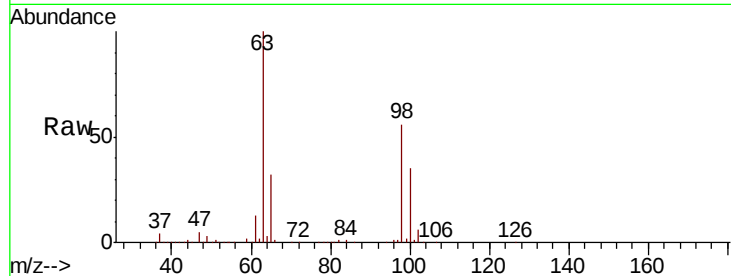
Tot Ion:101 Resp: 1469

Ion Ratio Lower Upper

101 100

85 1.4 34.6 52.0#

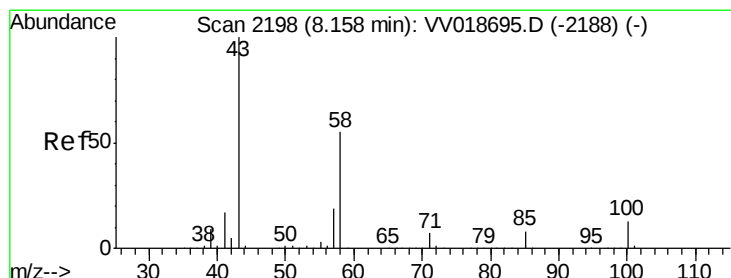
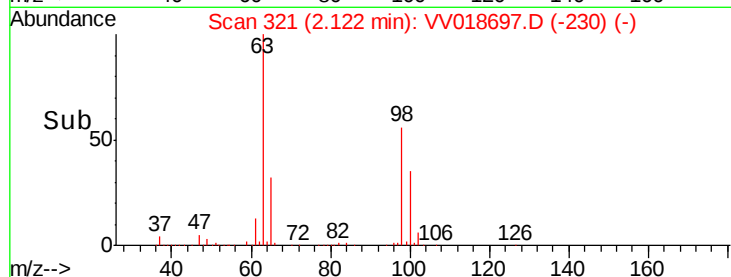
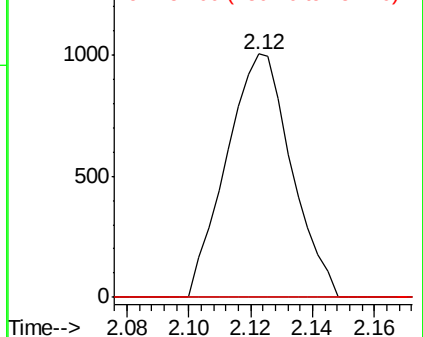
151 0.0 64.3 96.5#



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



#48

2-Hexanone

Concen: 5.664 ug/L

RT: 8.16 min Scan# 2199

Delta R.T. 0.00 min

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Tgt Ion: 43 Resp: 12018

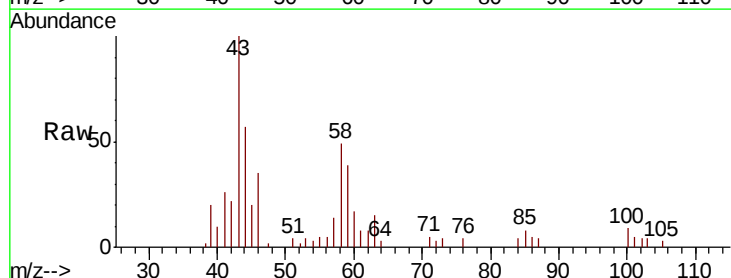
Ion Ratio Lower Upper

43 100

58 28.6 45.1 67.7#

57 3.6 15.7 23.5#

100 4.1 11.0 16.4#

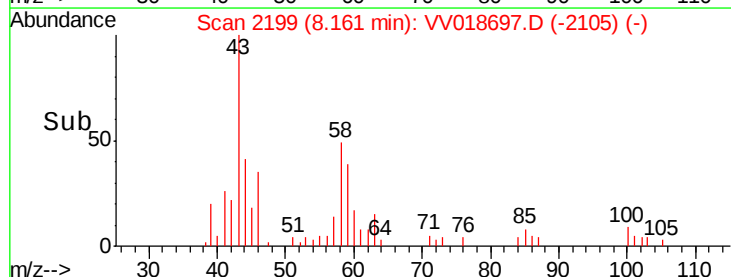
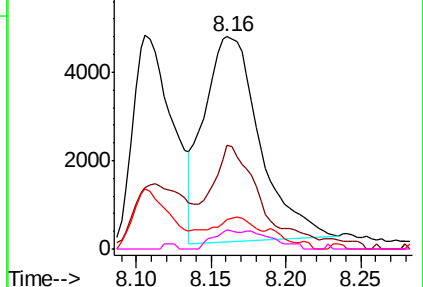


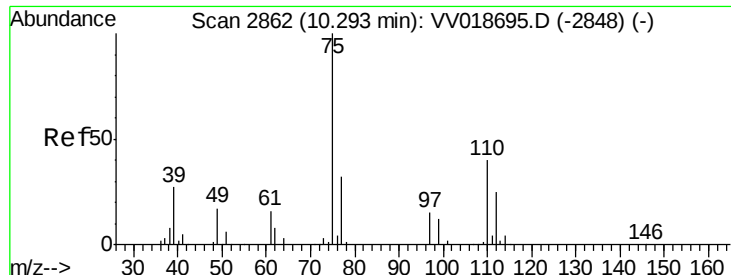
Abundance Ion 43.00 (42.70 to 43.70): VV0

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





#59

1,2,3-Trichloropropane

Concen: 6.006 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV018697.D

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Instrument :

MSVOA_V

ClientSampleId :

Tot Ion: 75 Resp: 15398

Ion Ratio Lower Upper

75 100

77 41.1 25.4 38.0#

