

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV010521\
 Data File : VV019887.D
 Acq On : 05 Jan 2021 11:22
 Operator : SY/MD
 Sample : M1016-01
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG4Q5

Quant Time: Jan 06 07:10:56 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM122820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jan 06 07:08:24 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.62	114	574618	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	551139	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.25	152	252862	50.00	ug/L	0.00

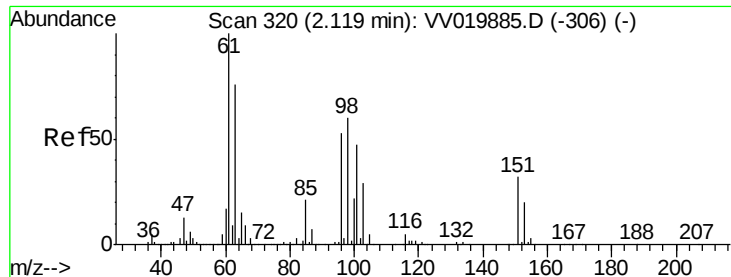
System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	199307	44.82	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.64%
7) Chloroethane-d5	1.57	69	178583	50.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	101.06%
11) 1,1-Dichloroethene-d2	2.11	63	316993	37.71	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.42%
21) 2-Butanone-d5	3.89	46	293016	88.91	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	88.91%
24) Chloroform-d	4.35	84	403777	48.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.12%
26) 1,2-Dichloroethane-d4	5.03	65	278173	50.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.32%
32) Benzene-d6	5.05	84	793286	49.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.96%
36) 1,2-Dichloropropane-d6	6.07	67	256162	49.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.18%
41) Toluene-d8	7.32	98	689520	48.81	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.62%
43) trans-1,3-Dichloropropene-	7.62	79	117978	45.48	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.96%
47) 2-Hexanone-d5	8.09	63	155428	72.06	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	72.06%
57) 1,1,2,2-Tetrachloroethane-	10.22	84	285415	42.05	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	84.10%
64) 1,2-Dichlorobenzene-d4	11.63	152	255062	52.73	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.46%

Target Compounds

					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.11	101	2571	0.706 ug/L #	24
13) Acetone	2.19	43	9371	3.673 ug/L	97
14) Carbon disulfide	2.30	76	19529	1.641 ug/L	100
48) 2-Hexanone	8.15	43	25092	4.656 ug/L #	85

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



#10

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

Concen: 0.706 ug/L

RT: 2.11 min Scan# 317

Delta R.T. -0.01 min

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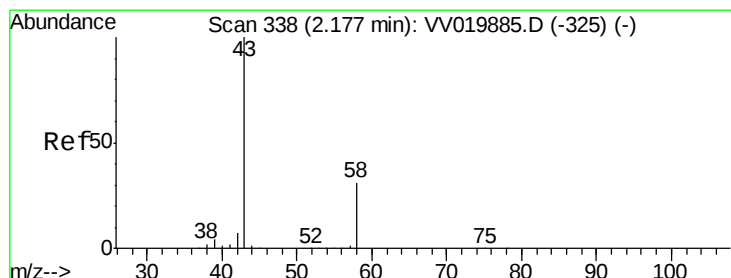
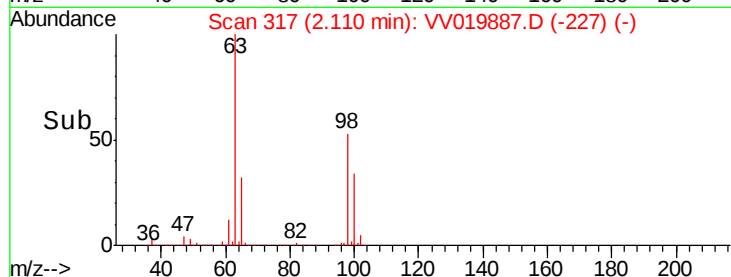
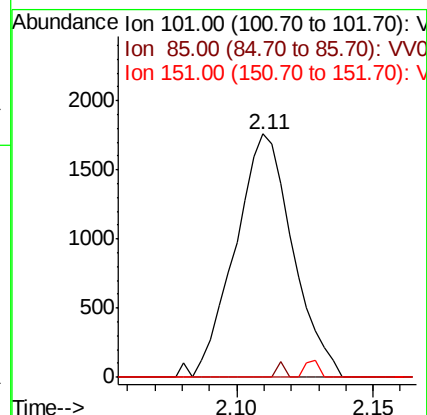
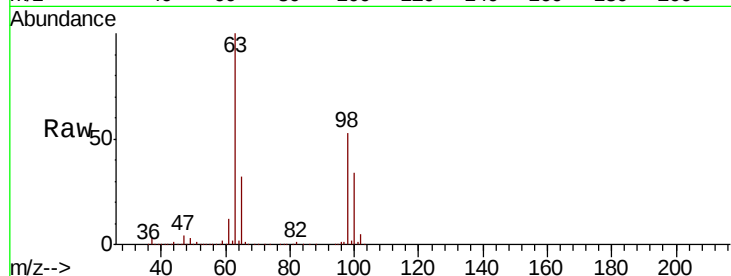
Tot Ion:101 Resp: 2571

Ion Ratio Lower Upper

101 100

85 0.0 35.3 52.9#

151 1.7 53.6 80.4#



#13

Acetone

Concen: 3.673 ug/L

RT: 2.19 min Scan# 341

Delta R.T. 0.01 min

Lab File: VV019887.D

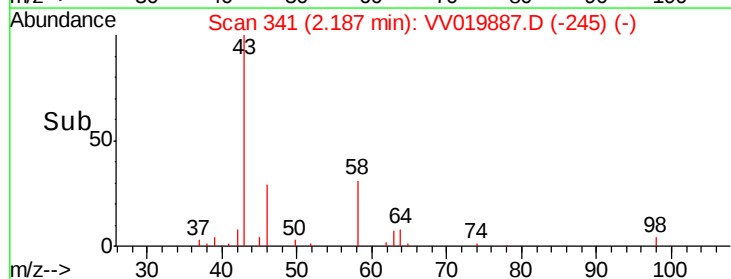
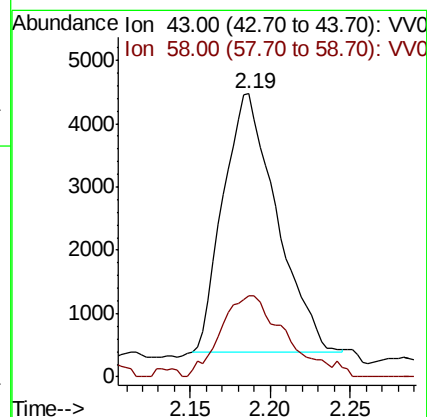
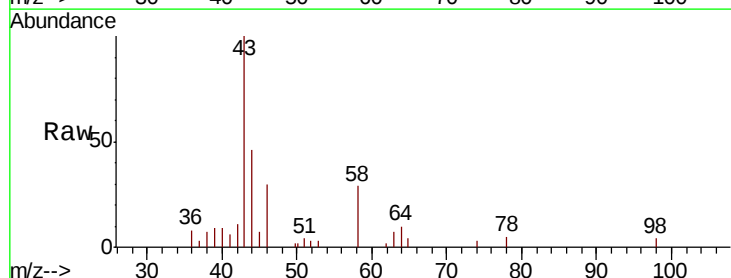
Acq: 05 Jan 2021 11:22

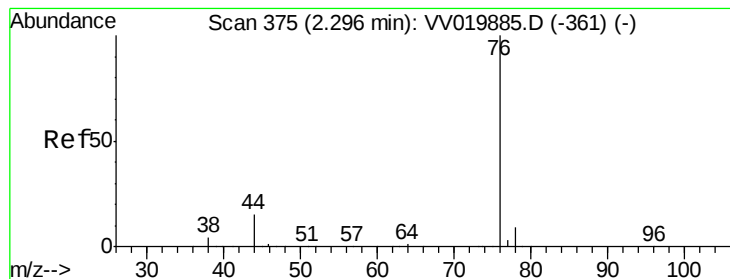
Tgt Ion: 43 Resp: 9371

Ion Ratio Lower Upper

43 100

58 28.4 0.0 60.2





#14

Carbon disulfide

Concen: 1.641 ug/L

RT: 2.30 min Scan# 375

Delta R.T. 0.00 min

Lab File: VV019887.D

Acq: 05 Jan 2021 11:22

Instrument :

MSVOA_V

ClientSampleId :

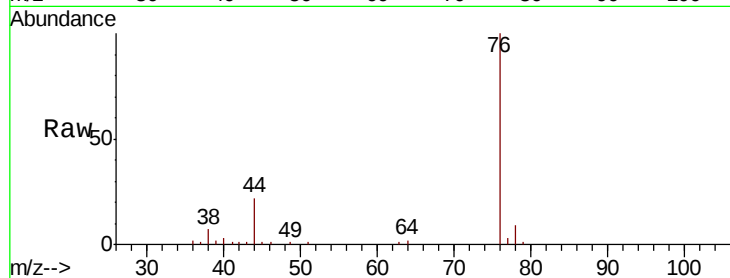
BG4Q5

Tot Ion: 76 Resp: 19529

Ion Ratio Lower Upper

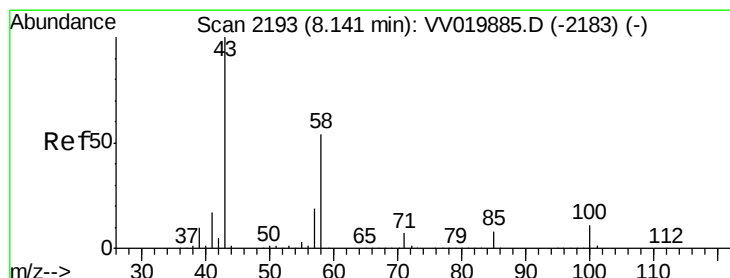
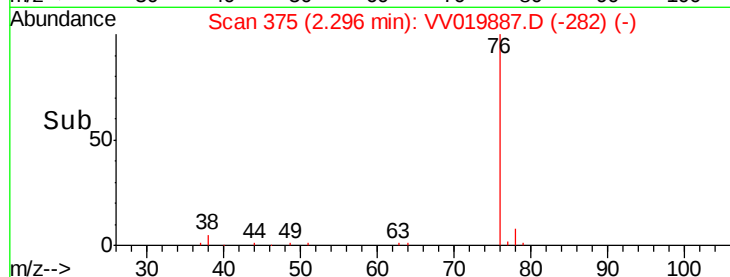
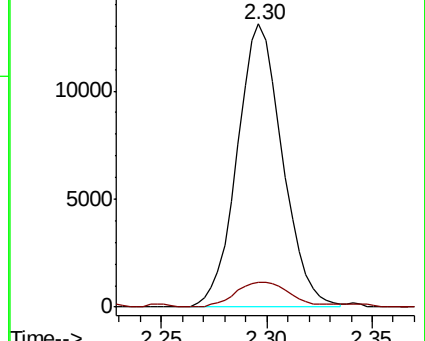
76 100

78 8.9 7.2 10.8



Abundance Ion 76.00 (75.70 to 76.70): VV019885.D (-361) (-)

Ion 78.00 (77.70 to 78.70): VV019885.D (-361) (-)



#48

2-Hexanone

Concen: 4.656 ug/L

RT: 8.15 min Scan# 2195

Delta R.T. 0.01 min

Lab File: VV019887.D

Acq: 05 Jan 2021 11:22

Tgt Ion: 43 Resp: 25092

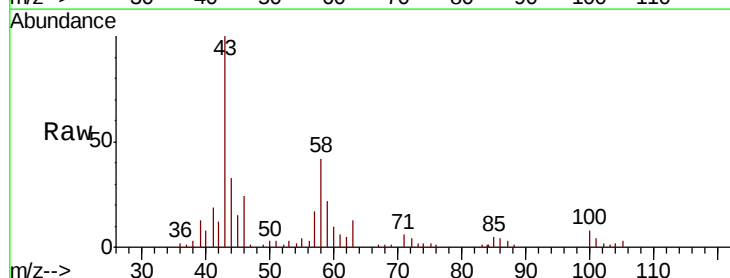
Ion Ratio Lower Upper

43 100

58 39.2 41.8 62.6#

57 14.8 15.0 22.4#

100 6.7 8.9 13.3#



Abundance Ion 43.00 (42.70 to 43.70): VV019885.D (-2183) (-)

Ion 58.00 (57.70 to 58.70): VV019885.D (-2183) (-)

Ion 57.00 (56.70 to 57.70): VV019885.D (-2183) (-)

Ion 100.00 (99.70 to 100.70): VV019885.D (-2183) (-)

