

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV010821\
 Data File : VV019950.D
 Acq On : 08 Jan 2021 16:24
 Operator : SY/MD
 Sample : M1016-13
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG4T7

Quant Time: Jan 08 22:52:50 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM122820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jan 08 22:51:06 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.62	114	454660	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	438497	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.26	152	198862	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	99425	28.26	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	56.52%#
7) Chloroethane-d5	1.57	69	105811	37.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	75.68%
11) 1,1-Dichloroethene-d2	2.11	63	177818	26.74	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	53.48%#
21) 2-Butanone-d5	3.88	46	252242	96.73	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.73%
24) Chloroform-d	4.35	84	270785	40.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.46%
26) 1,2-Dichloroethane-d4	5.04	65	191001	43.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.92%
32) Benzene-d6	5.05	84	479161	37.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	75.90%
36) 1,2-Dichloropropane-d6	6.07	67	171864	41.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	82.78%
41) Toluene-d8	7.32	98	394623	35.11	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	70.22%#
43) trans-1,3-Dichloropropene-	7.63	79	67752	32.83	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.66%
47) 2-Hexanone-d5	8.09	63	127630	74.38	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	74.38%
57) 1,1,2,2-Tetrachloroethane-	10.22	84	222688	41.24	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	82.48%
64) 1,2-Dichlorobenzene-d4	11.63	152	175594	46.16	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.32%

Target Compounds

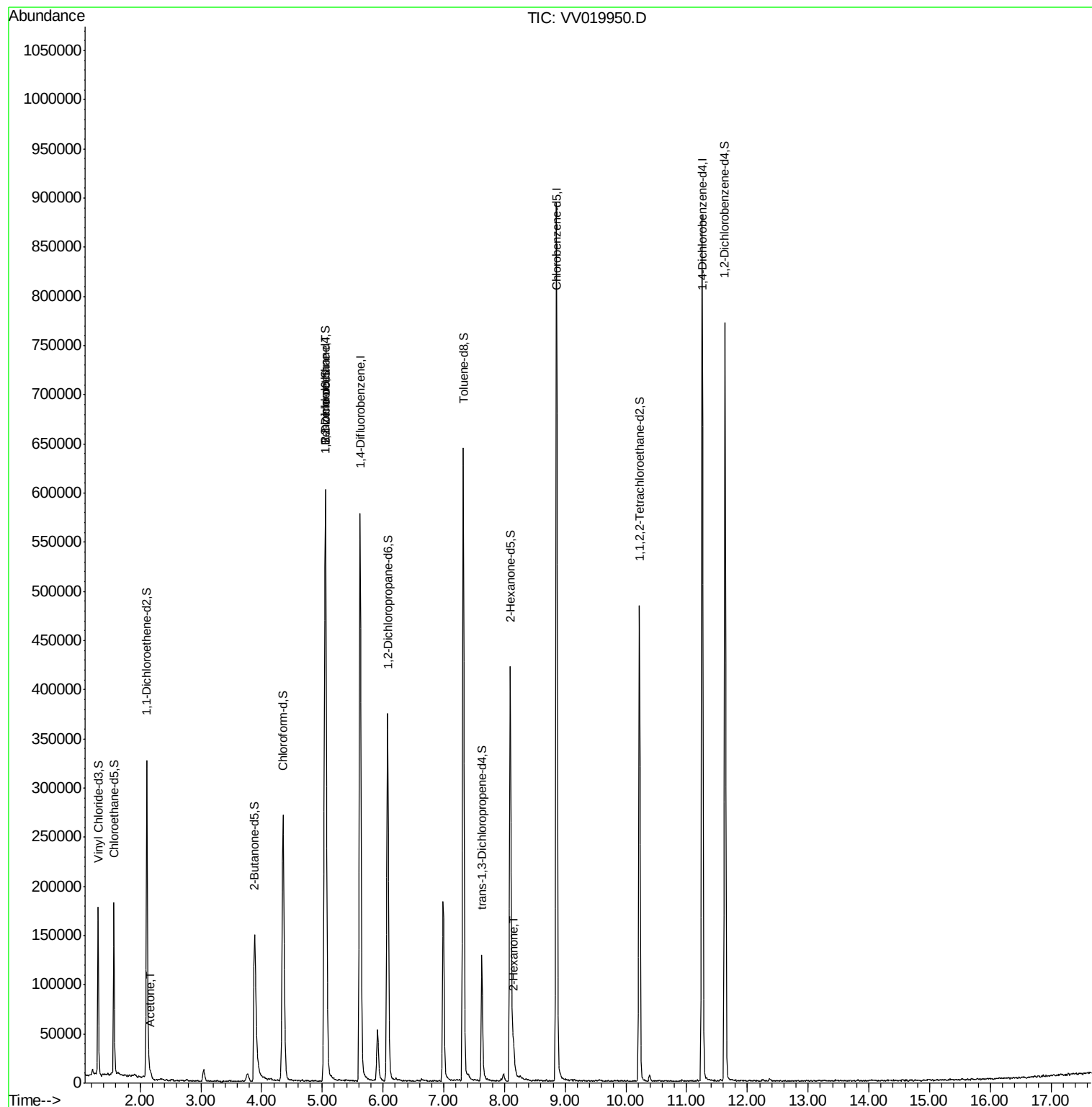
					Ovalue
13) Acetone	2.18	43	6220	3.081 ug/L	90
27) 1,2-Dichloroethane	5.05	62	3597	0.678 ug/L	98
48) 2-Hexanone	8.15	43	20418	4.762 ug/L #	82

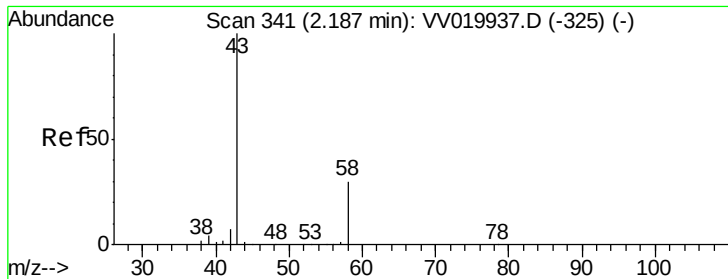
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.081 ug/L

RT: 2.18 min Scan# 338

Delta R.T. -0.01 min

Lab File: VV019950.D

Acq: 08 Jan 2021 16:24

Instrument :

MSVOA_V

ClientSampleId :

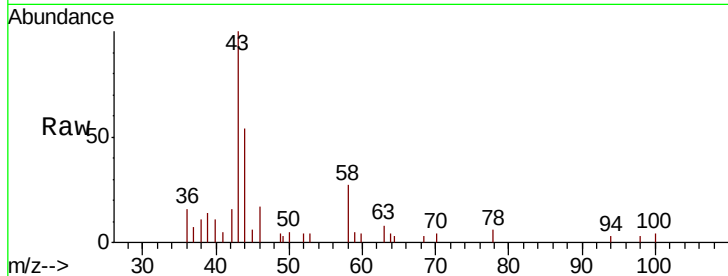
BG4T7

Tot Ion: 43 Resp: 6220

Ion Ratio Lower Upper

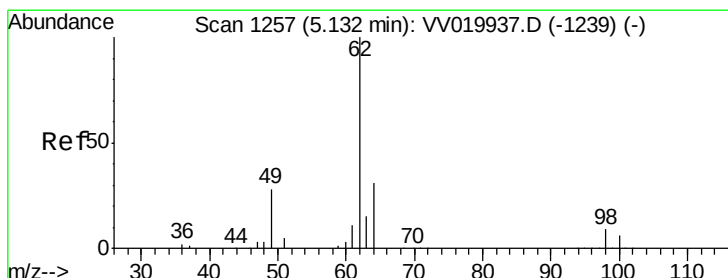
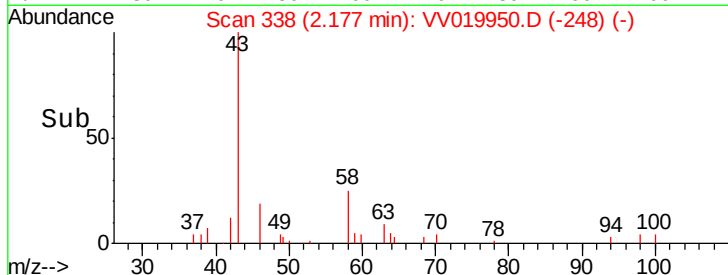
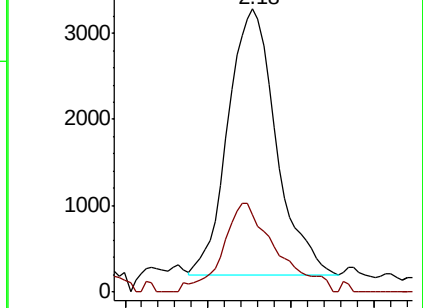
43 100

58 35.7 0.0 60.2



Abundance Ion 43.00 (42.70 to 43.70): VV019937.D (-325) (-)

Ion 58.00 (57.70 to 58.70): VV019937.D (-325) (-)



#27

1,2-Dichloroethane

Concen: 0.678 ug/L

RT: 5.05 min Scan# 1232

Delta R.T. -0.08 min

Lab File: VV019950.D

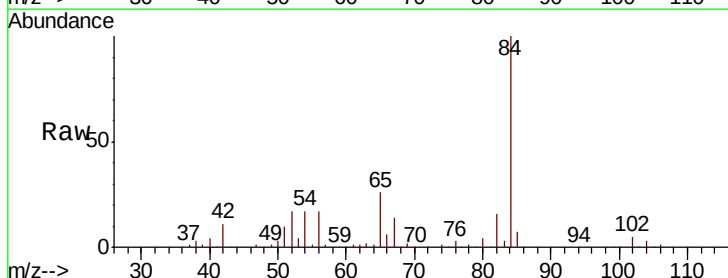
Acq: 08 Jan 2021 16:24

Tgt Ion: 62 Resp: 3597

Ion Ratio Lower Upper

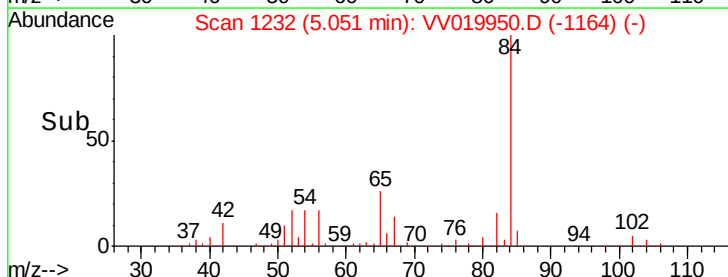
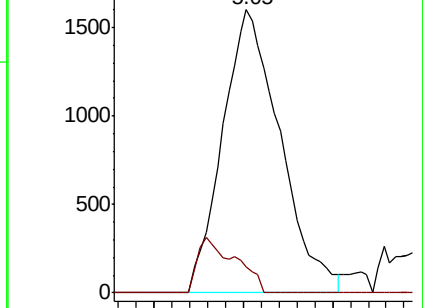
62 100

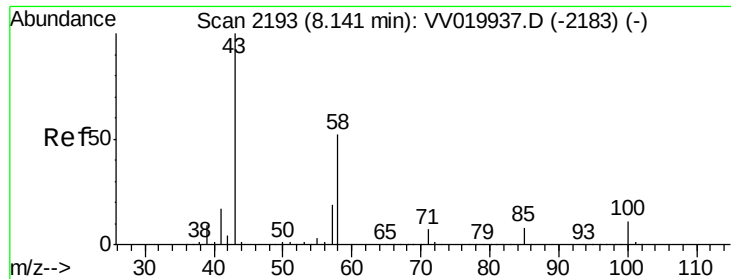
98 9.4 6.9 10.3



Abundance Ion 62.00 (61.70 to 62.70): VV019937.D (-1239) (-)

Ion 98.00 (97.70 to 98.70): VV019937.D (-1239) (-)





#48

2-Hexanone

Concen: 4.762 ug/L

RT: 8.15 min Scan# 2196

Delta R.T. 0.01 min

Lab File: VV019950.D

Acq: 08 Jan 2021 16:24

Instrument :
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Tot Ion: 43 Resp: 20418

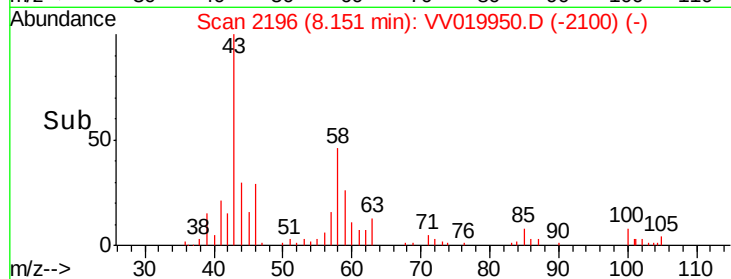
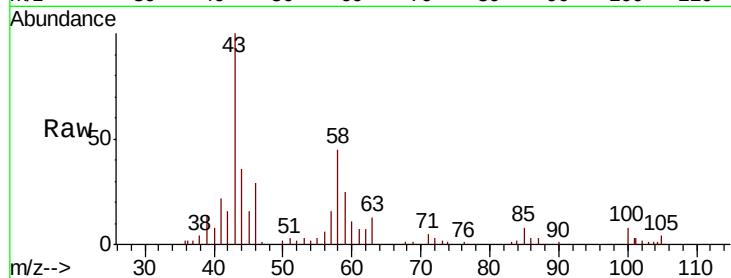
Ion Ratio Lower Upper

43 100

58 37.5 41.8 62.6#

57 11.1 15.0 22.4#

100 7.6 8.9 13.3#



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

