

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV102120\
 Data File : VV019044.D
 Acq On : 21 Oct 2020 13:02
 Operator : SY/MD
 Sample : L4471-10
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG417

Quant Time: Oct 22 06:08:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM101420WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 22 06:00:52 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	216109	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	191337	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	97334	50.00	ug/L	0.00

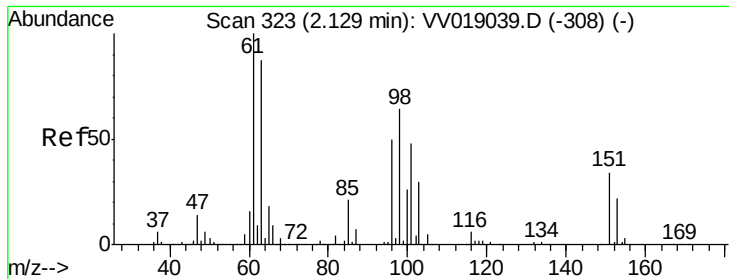
System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	57296	32.21	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	64.42%
7) Chloroethane-d5	1.58	69	60997	43.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.56%
11) 1,1-Dichloroethene-d2	2.12	63	105438	31.40	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.80%
21) 2-Butanone-d5	3.91	46	106771	86.11	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	86.11%
24) Chloroform-d	4.38	84	133522	41.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.54%
26) 1,2-Dichloroethane-d4	5.06	65	95057	44.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.62%
32) Benzene-d6	5.08	84	231249	41.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.80%
36) 1,2-Dichloropropane-d6	6.09	67	100521	56.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	112.56%
41) Toluene-d8	7.34	98	203062	40.52	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	81.04%
43) trans-1,3-Dichloropropene-	7.64	79	43198	49.48	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.96%
47) 2-Hexanone-d5	8.11	63	52215	78.70	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	78.70%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	88788	42.42	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	84.84%
64) 1,2-Dichlorobenzene-d4	11.65	152	94325	47.63	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.26%

Target Compounds

					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	972	0.693 ug/L #	20
13) Acetone	2.19	43	4043	4.462 ug/L	93
48) 2-Hexanone	8.16	43	9990	5.819 ug/L #	77

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



#10

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

Concen: 0.693 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

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ClientSampled :

BG417

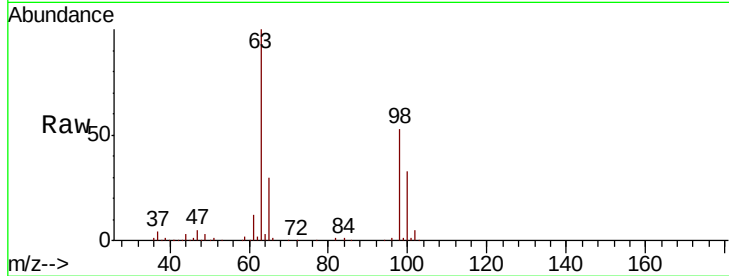
Tot Ion:101 Resp: 972

Ion Ratio Lower Upper

101 100

85 0.0 35.0 52.4#

151 0.0 59.7 89.5#



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

2.12

800

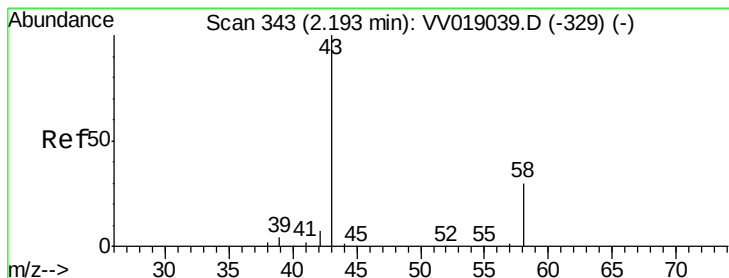
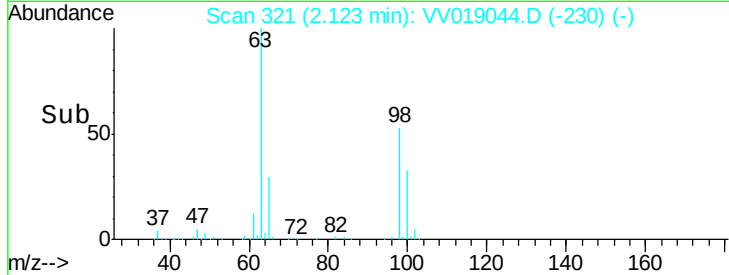
600

400

200

0

Time--> 2.08 2.10 2.12 2.14 2.16



#13

Acetone

Concen: 4.462 ug/L

RT: 2.19 min Scan# 343

Delta R.T. -0.00 min

Lab File: VV019044.D

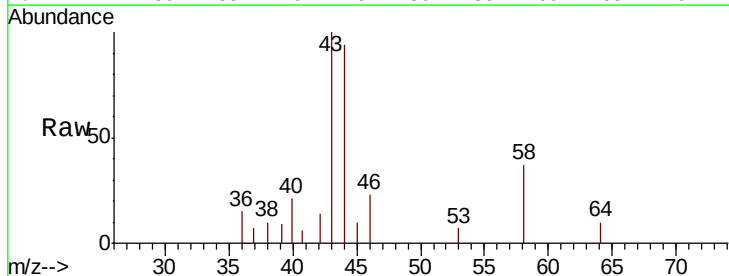
Acq: 21 Oct 2020 13:02

Tgt Ion: 43 Resp: 4043

Ion Ratio Lower Upper

43 100

58 33.2 0.0 58.8



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

2.19

2000

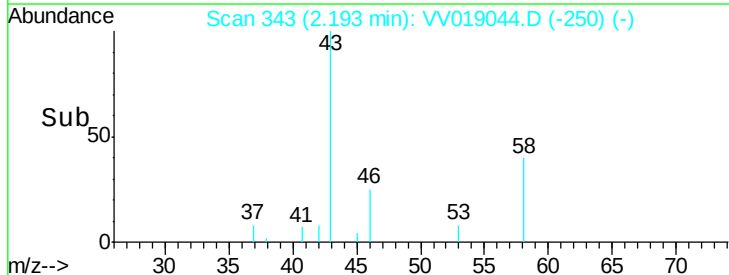
1500

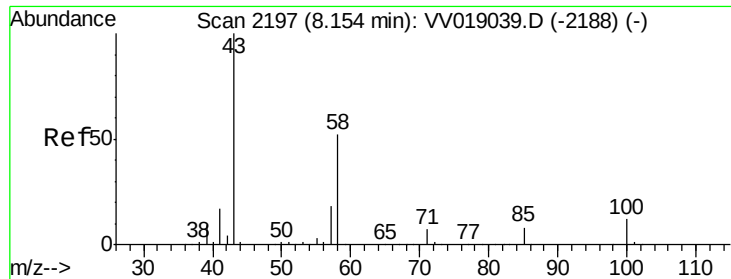
1000

500

0

Time--> 2.10 2.15 2.20 2.25 2.30





#48

2-Hexanone

Concen: 5.819 ug/L

RT: 8.16 min Scan# 2200

Delta R.T. 0.01 min

Lab File: VV019044.D

Acq: 21 Oct 2020 13:02

Instrument :

MSVOA_V

ClientSampleId :

BG417

Tot Ion: 43 Resp: 9990

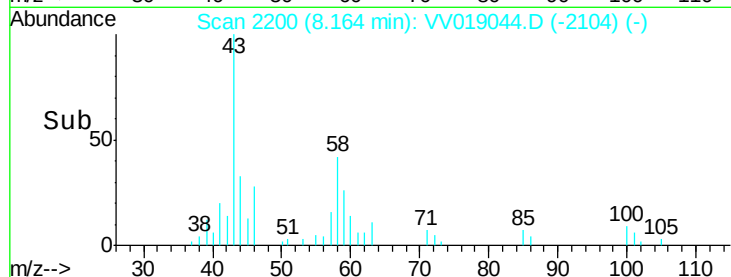
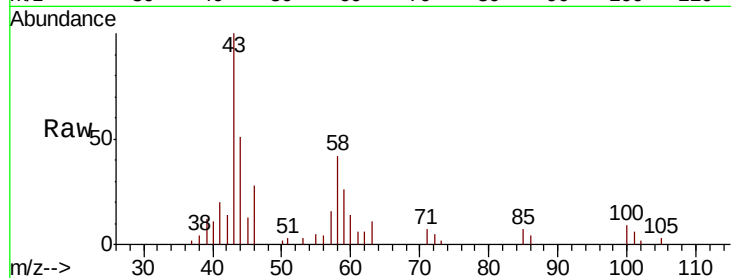
Ion Ratio Lower Upper

43 100

58 33.7 42.5 63.7#

57 9.6 14.5 21.7#

100 8.5 9.0 13.4#



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

