

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV102620\
 Data File : VV019114.D
 Acq On : 26 Oct 2020 13:10
 Operator : SY/MD
 Sample : L4502-07
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG423

Quant Time: Oct 27 07:16:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102220WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 27 07:08:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	253092	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	256123	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	120792	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	95575	41.57	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.14%
7) Chloroethane-d5	1.58	69	79770	43.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.20%
11) 1,1-Dichloroethene-d2	2.12	63	149469	34.71	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.42%
21) 2-Butanone-d5	3.91	46	135590	87.69	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	87.69%
24) Chloroform-d	4.37	84	184954	45.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.98%
26) 1,2-Dichloroethane-d4	5.05	65	130342	48.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.42%
32) Benzene-d6	5.07	84	358323	45.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.48%
36) 1,2-Dichloropropane-d6	6.09	67	115971	45.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.40%
41) Toluene-d8	7.33	98	322397	46.02	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.04%
43) trans-1,3-Dichloropropene-	7.64	79	58595	45.06	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.12%
47) 2-Hexanone-d5	8.11	63	95347	86.41	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	86.41%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	142100	42.07	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	84.14%
64) 1,2-Dichlorobenzene-d4	11.65	152	130561	51.53	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.06%

Target Compounds

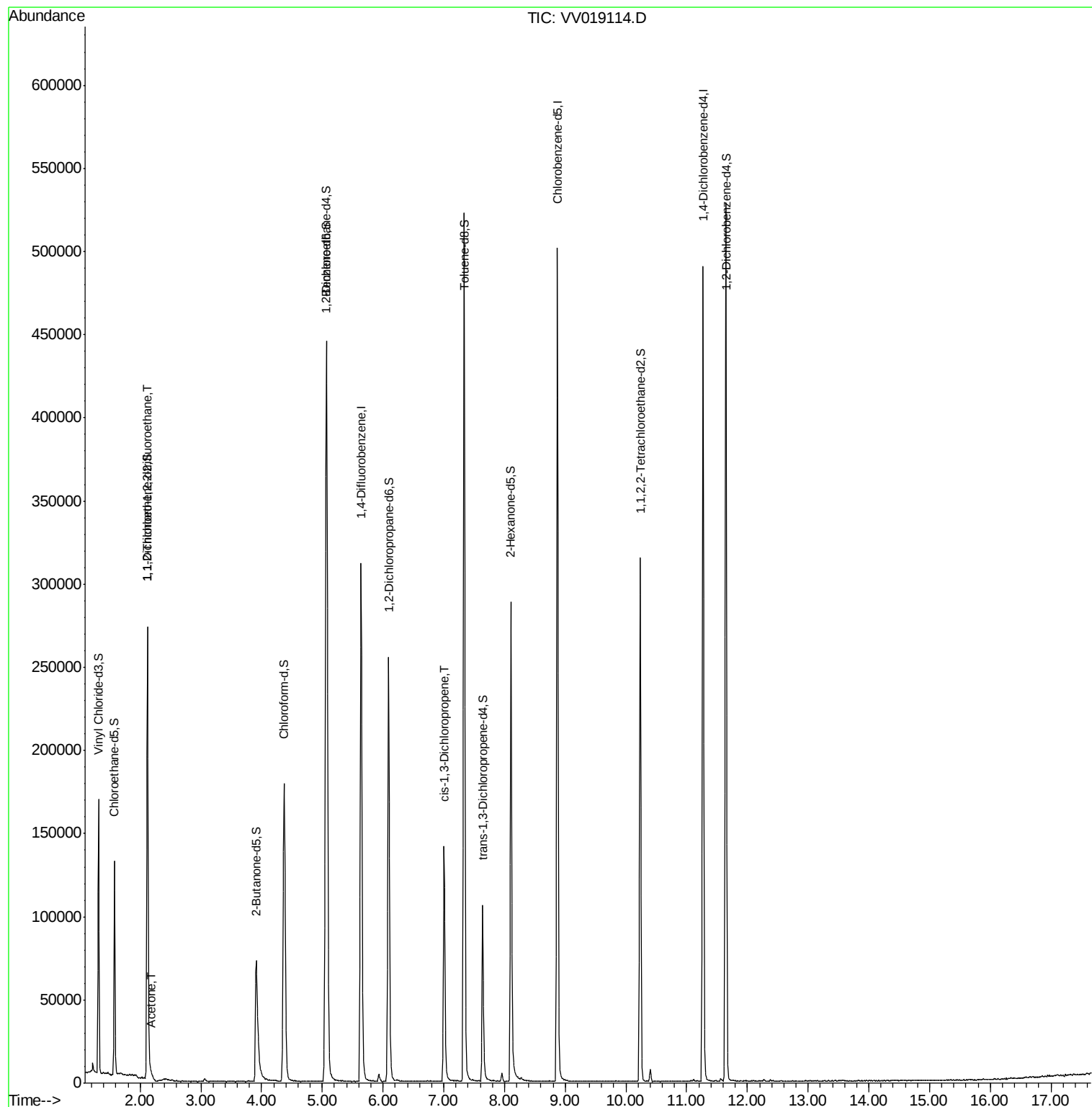
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1232	0.729 ug/L #	20
13) Acetone	2.20	43	4068	3.882 ug/L	75
39) cis-1,3-Dichloropropene	7.01	75	3919	1.228 ug/L #	71

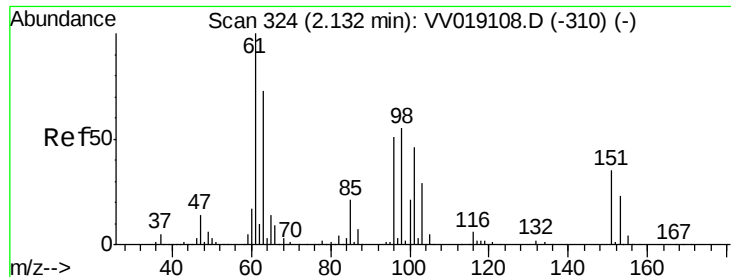
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.729 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV019114.D

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Instrument :

MSVOA_V

ClientSampled :

BG423

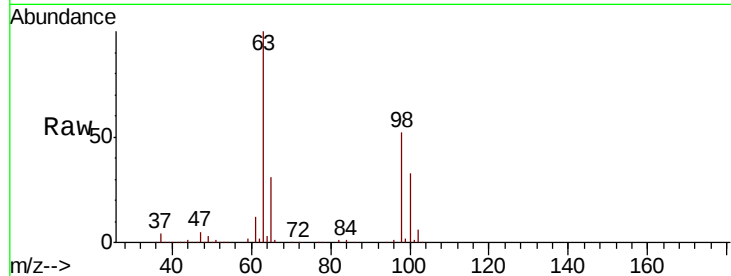
Tot Ion:101 Resp: 1232

Ion Ratio Lower Upper

101 100

85 0.0 36.9 55.3#

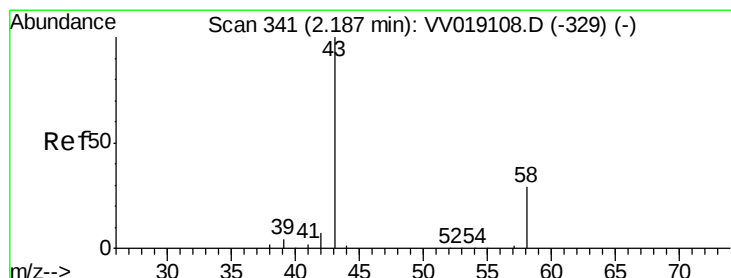
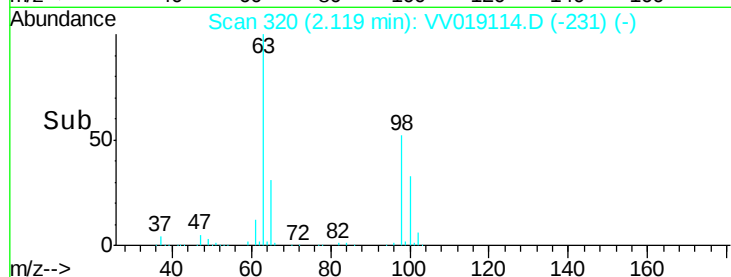
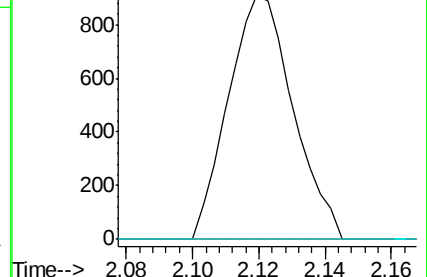
151 0.0 58.2 87.2#



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: 3.882 ug/L

RT: 2.20 min Scan# 344

Delta R.T. 0.01 min

Lab File: VV019114.D

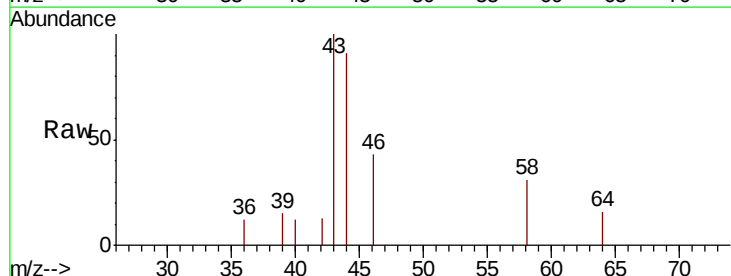
Acq: 26 Oct 2020 13:10

Tgt Ion: 43 Resp: 4068

Ion Ratio Lower Upper

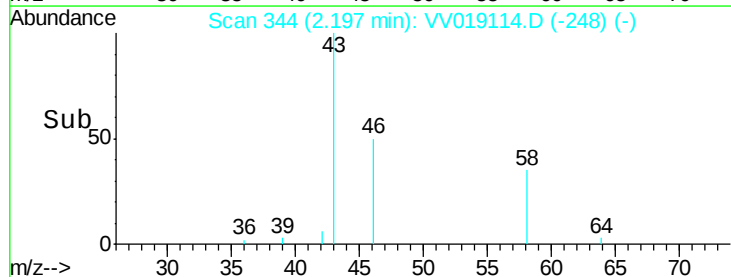
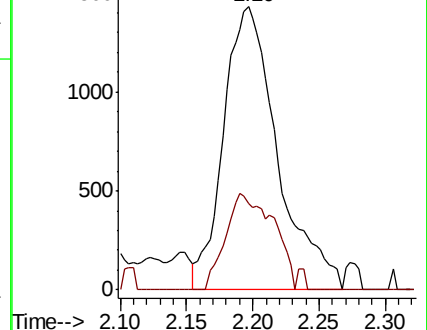
43 100

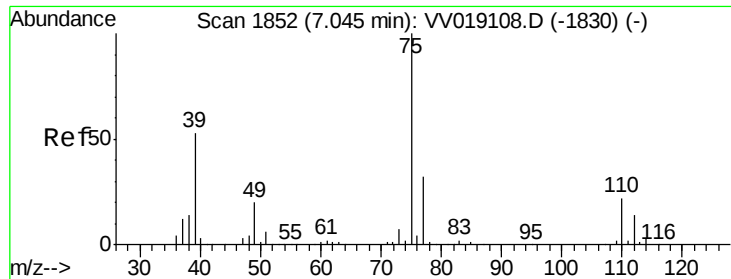
58 16.6 0.0 60.2



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0





#39

cis-1,3-Dichloropropene

Concen: 1.228 ug/L

RT: 7.01 min Scan# 1840

Delta R.T. -0.04 min

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Acq: 26 Oct 2020 13:10

Instrument :

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Tot Ion: 75 Resp: 3919

Ion Ratio Lower Upper

75 100

77 47.9 22.1 41.1#

