

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV102920\
 Data File : VV019163.D
 Acq On : 29 Oct 2020 22:47
 Operator : SY/MD
 Sample : L4543-07
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG460

Quant Time: Oct 30 05:46:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 30 05:31:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	229959	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	225452	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	114609	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	83084	45.46	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.92%
7) Chloroethane-d5	1.58	69	66679	46.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.94%
11) 1,1-Dichloroethene-d2	2.12	63	125360	36.06	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.12%
21) 2-Butanone-d5	3.91	46	112252	100.29	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.29%
24) Chloroform-d	4.38	84	162636	47.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.68%
26) 1,2-Dichloroethane-d4	5.06	65	118832	50.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.34%
32) Benzene-d6	5.07	84	309249	48.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.70%
36) 1,2-Dichloropropane-d6	6.09	67	94346	49.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.96%
41) Toluene-d8	7.34	98	288885	47.02	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.04%
43) trans-1,3-Dichloropropene-	7.64	79	50836	46.07	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.14%
47) 2-Hexanone-d5	8.11	63	78267	94.77	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.77%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	119916	46.64	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.28%
64) 1,2-Dichlorobenzene-d4	11.65	152	124095	51.54	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.08%

Target Compounds

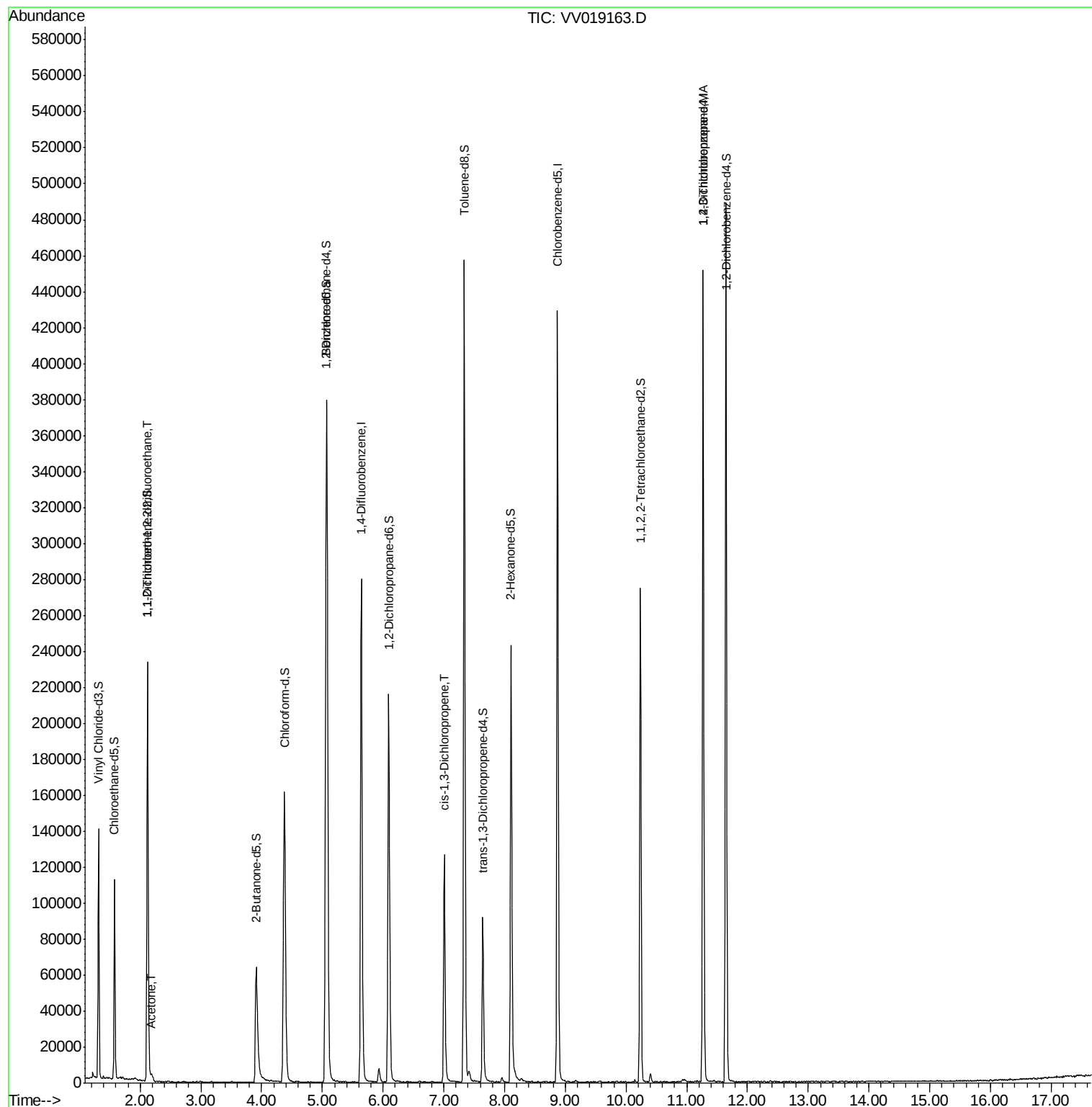
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1230	0.817 ug/L	# 17
13) Acetone	2.19	43	5539	5.327 ug/L	94
39) cis-1,3-Dichloropropene	7.01	75	3507	1.315 ug/L	85
59) 1,2,3-Trichloropropane	11.27	75	12423	5.887 ug/L	89

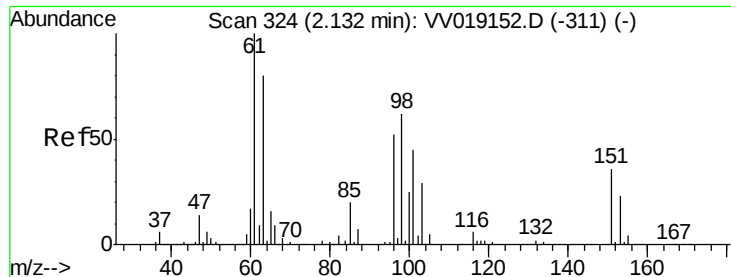
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.817 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV019163.D

Acq: 29 Oct 2020 22:47

Instrument :

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ClientSampled :

BG460

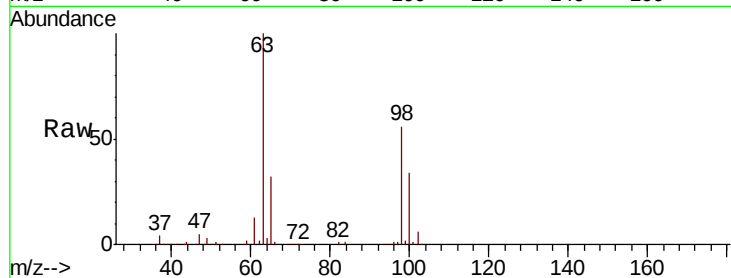
Tot Ion:101 Resp: 1230

Ion Ratio Lower Upper

101 100

85 0.0 36.1 54.1#

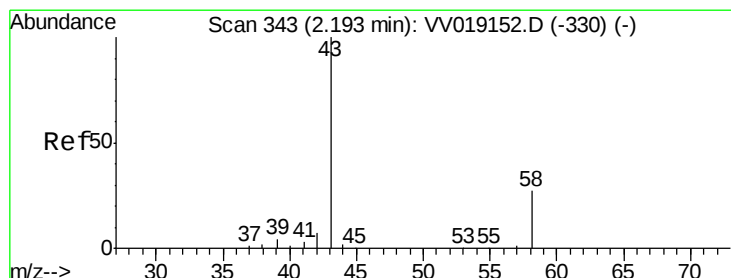
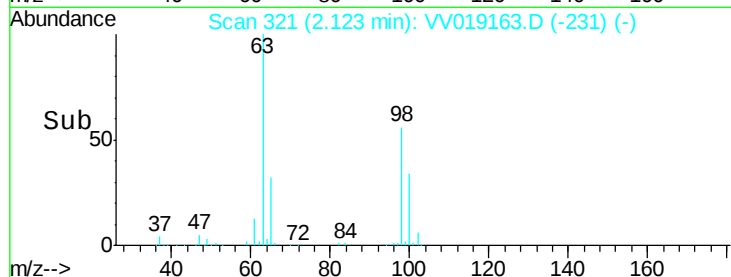
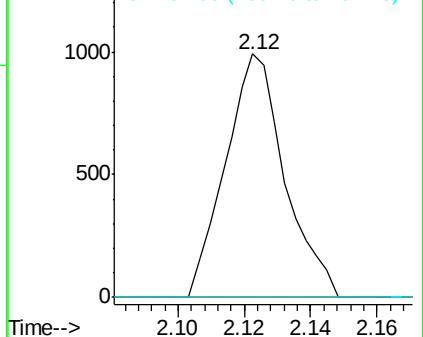
151 0.0 65.0 97.4#



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: 5.327 ug/L

RT: 2.19 min Scan# 343

Delta R.T. 0.00 min

Lab File: VV019163.D

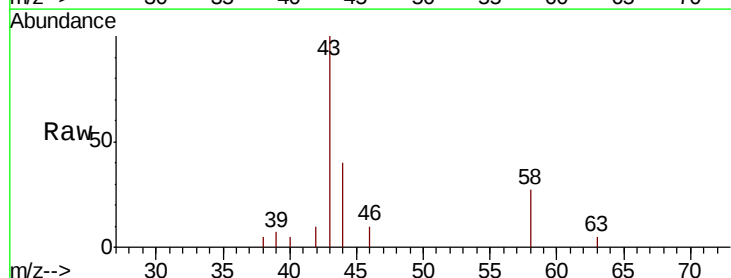
Acq: 29 Oct 2020 22:47

Tgt Ion: 43 Resp: 5539

Ion Ratio Lower Upper

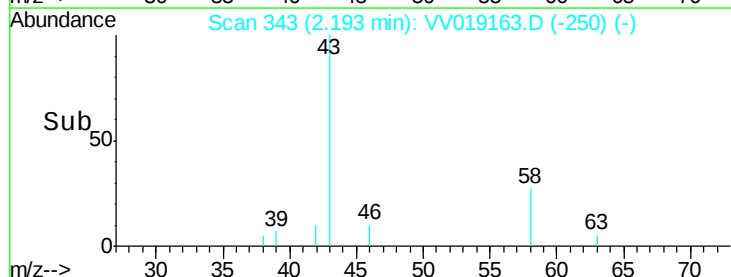
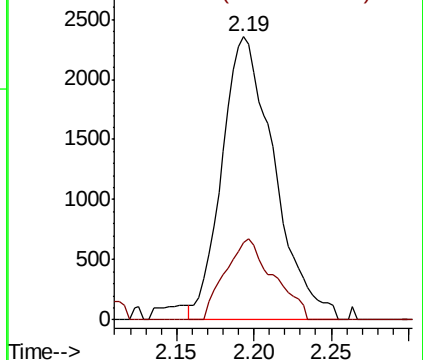
43 100

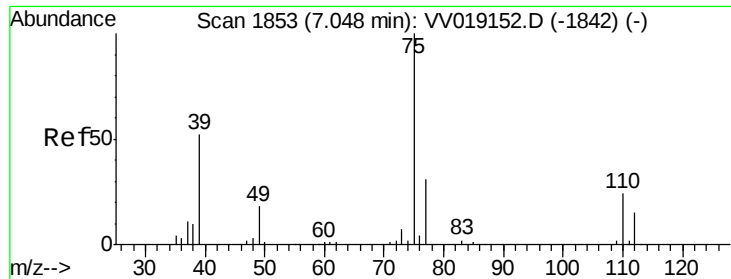
58 26.3 0.0 59.4



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: 1.315 ug/L

RT: 7.01 min Scan# 1840

Delta R.T. -0.04 min

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Acq: 29 Oct 2020 22:47

Instrument :

MSVOA_V

ClientSampled :

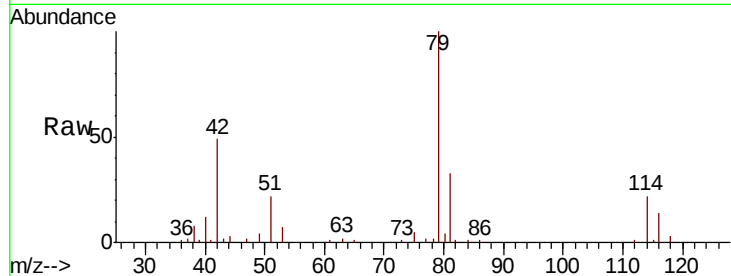
BG460

Tot Ion: 75 Resp: 3507

Ion Ratio Lower Upper

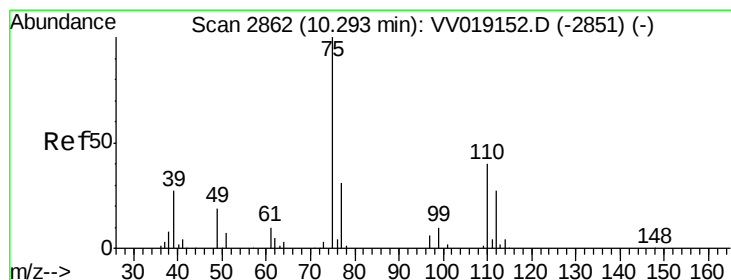
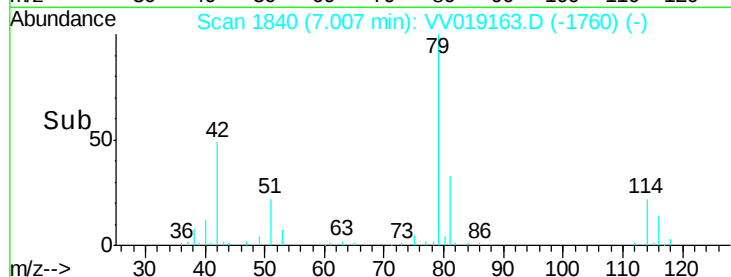
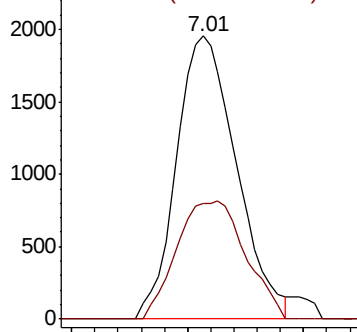
75 100

77 40.8 22.7 42.1



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0



#59

1,2,3-Trichloropropane

Concen: 5.887 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV019163.D

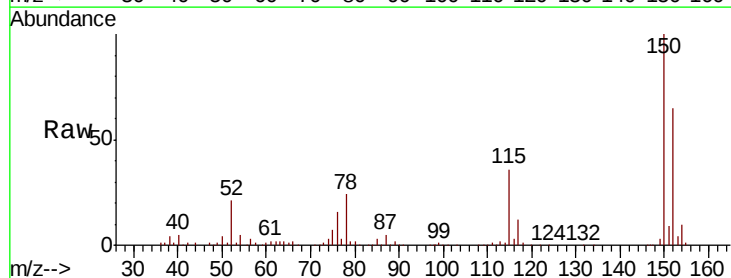
Acq: 29 Oct 2020 22:47

Tgt Ion: 75 Resp: 12423

Ion Ratio Lower Upper

75 100

77 38.9 26.2 39.4



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

