

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV102220\
 Data File : VV019073.D
 Acq On : 22 Oct 2020 17:25
 Operator : SY/MD
 Sample : L4471-14
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG421

Quant Time: Oct 23 06:32:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102220WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 22 13:54:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	311218	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	306444	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	145675	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	128739	45.54	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.08%
7) Chloroethane-d5	1.58	69	107029	47.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.06%
11) 1,1-Dichloroethene-d2	2.12	63	196988	37.20	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.40%
21) 2-Butanone-d5	3.91	46	174142	91.58	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.58%
24) Chloroform-d	4.38	84	223131	45.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.24%
26) 1,2-Dichloroethane-d4	5.06	65	155786	46.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.72%
32) Benzene-d6	5.07	84	445005	47.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.96%
36) 1,2-Dichloropropane-d6	6.09	67	142424	46.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.80%
41) Toluene-d8	7.34	98	389990	46.52	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.04%
43) trans-1,3-Dichloropropene-	7.64	79	71135	45.72	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.44%
47) 2-Hexanone-d5	8.11	63	121495	92.03	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.03%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	177759	43.99	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.98%
64) 1,2-Dichlorobenzene-d4	11.65	152	153448	50.22	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.44%

Target Compounds

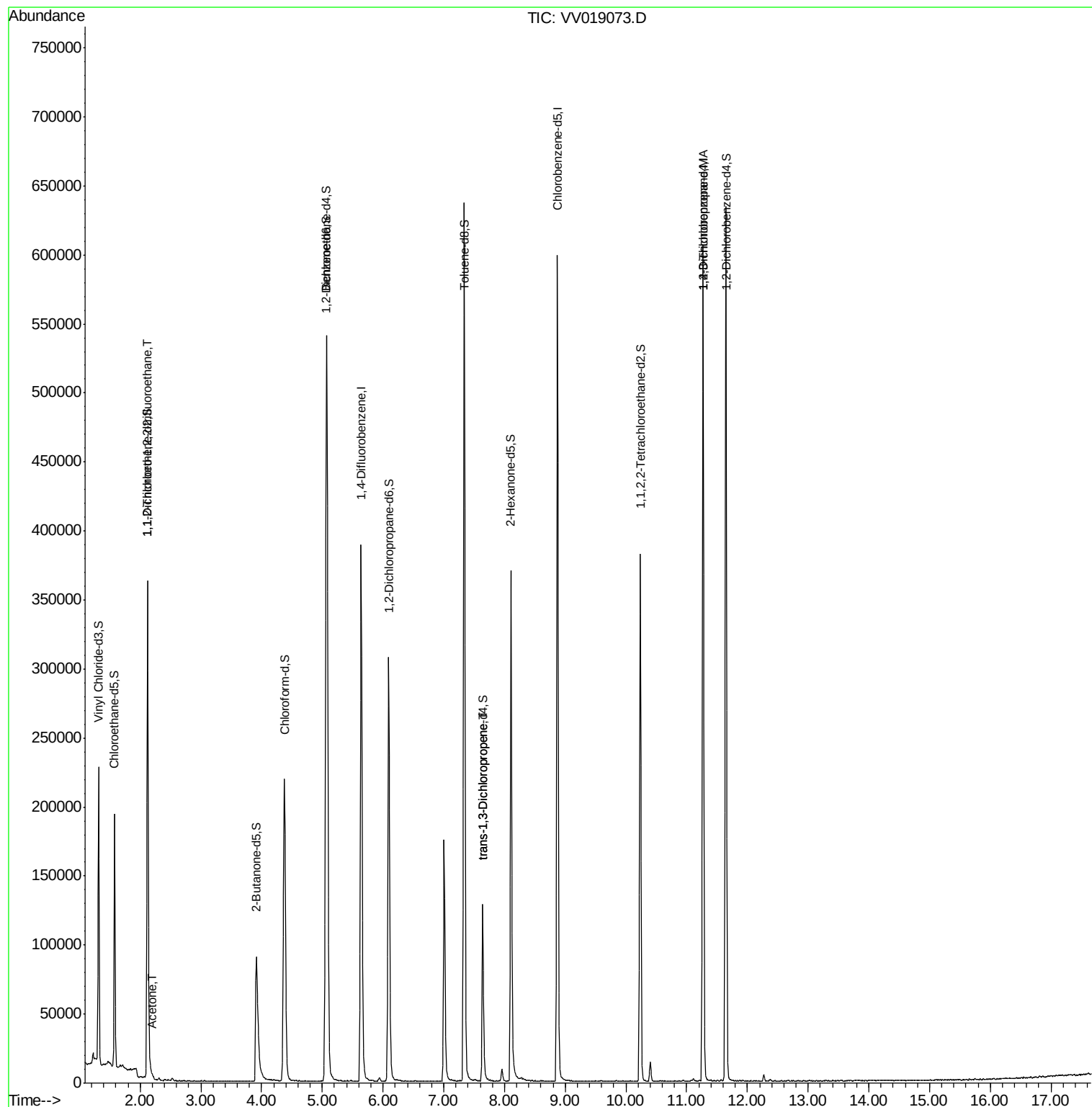
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1739	0.837 ug/L #	22
13) Acetone	2.20	43	4803	3.727 ug/L	59
44) trans-1,3-Dichloropropene	7.64	75	3536	0.934 ug/L #	79
59) 1,2,3-Trichloropropane	11.27	75	17522	5.802 ug/L #	86

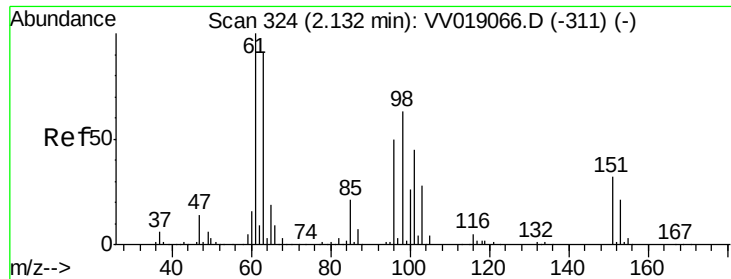
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.837 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV019073.D

Acq: 22 Oct 2020 17:25

Instrument :

MSVOA_V

ClientSampled :

BG421

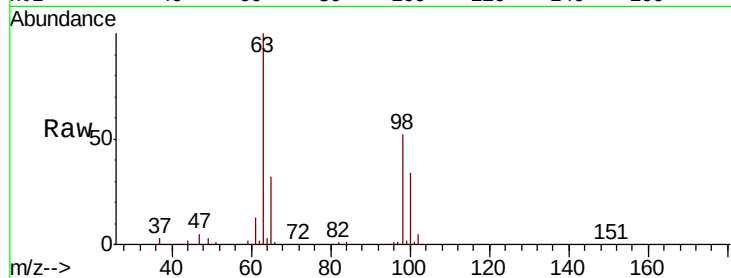
Tot Ion:101 Resp: 1739

Ion Ratio Lower Upper

101 100

85 0.0 36.9 55.3#

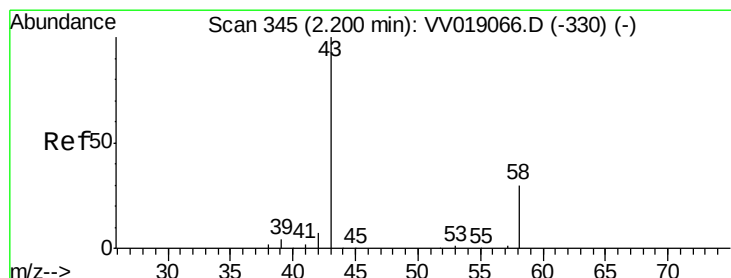
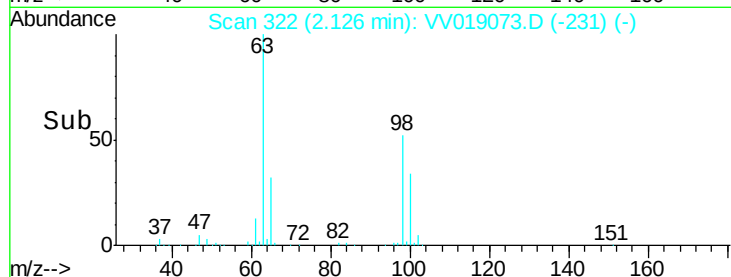
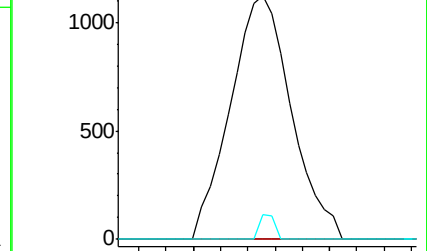
151 2.5 58.2 87.2#



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: 3.727 ug/L

RT: 2.20 min Scan# 346

Delta R.T. 0.00 min

Lab File: VV019073.D

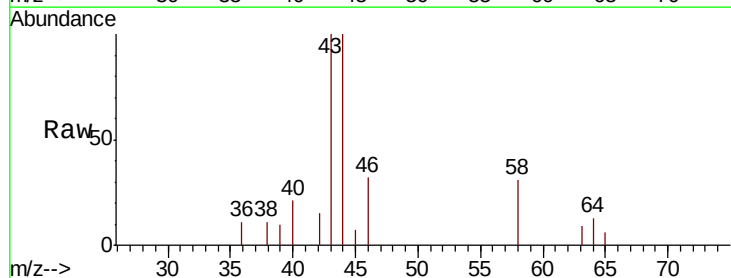
Acq: 22 Oct 2020 17:25

Tgt Ion: 43 Resp: 4803

Ion Ratio Lower Upper

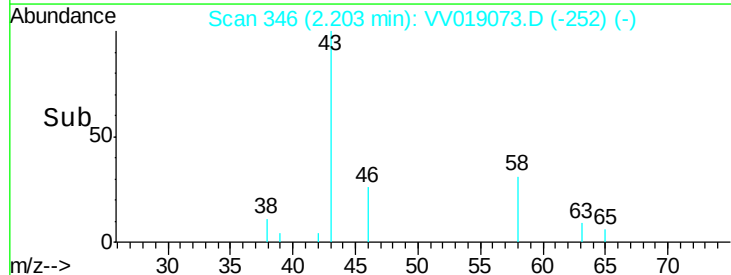
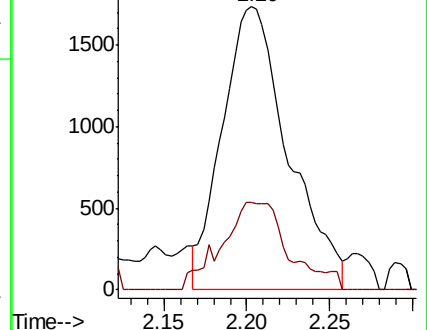
43 100

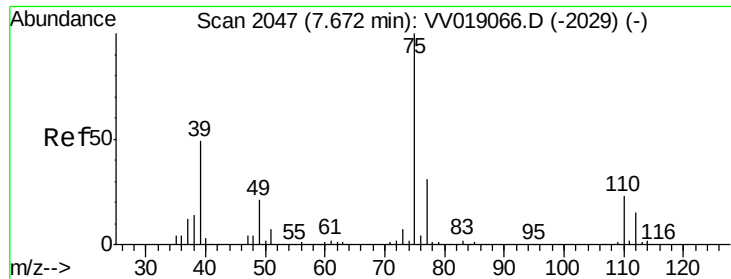
58 7.7 0.0 60.2



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0





#44

trans-1,3-Dichloropropene

Concen: 0.934 ug/L

RT: 7.64 min Scan# 2038

Delta R.T. -0.03 min

Lab File: VV019073.D

Acq: 22 Oct 2020 17:25

Instrument :

MSVOA_V

ClientSampled :

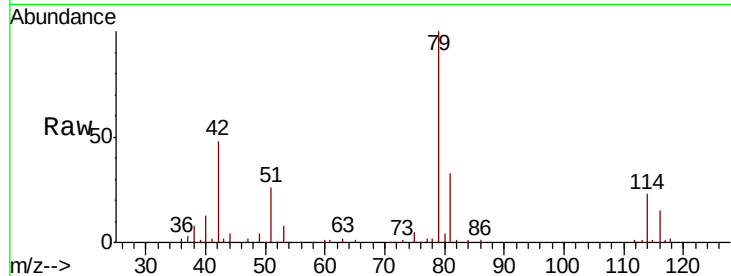
BG421

Tot Ion: 75 Resp: 3536

Ion Ratio Lower Upper

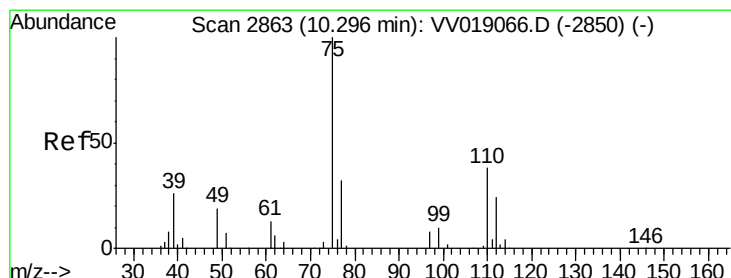
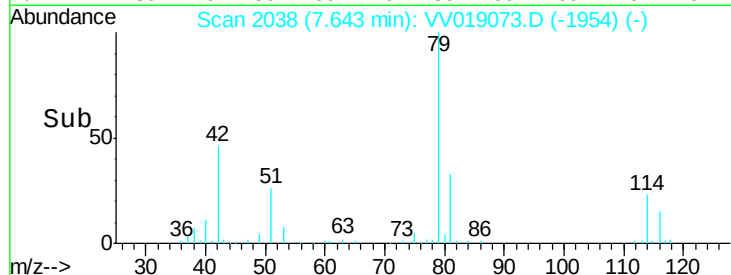
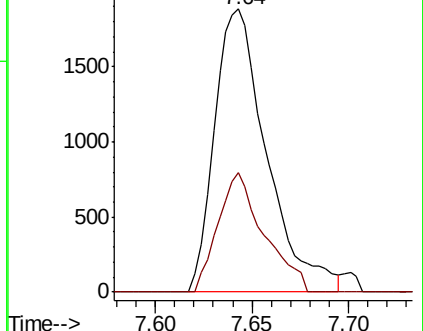
75 100

77 42.3 21.5 39.9#



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: 5.802 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.97 min

Lab File: VV019073.D

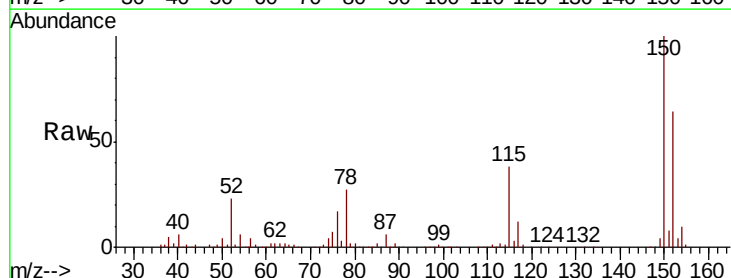
Acq: 22 Oct 2020 17:25

Tgt Ion: 75 Resp: 17522

Ion Ratio Lower Upper

75 100

77 40.2 25.9 38.9#



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

