

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV102620\
 Data File : VV019115.D
 Acq On : 26 Oct 2020 13:34
 Operator : SY/MD
 Sample : L4502-08
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG426

Quant Time: Oct 27 07:16:11 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	238251	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	239822	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	113728	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	87949	40.63	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.26%
7) Chloroethane-d5	1.58	69	70968	40.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	81.48%
11) 1,1-Dichloroethene-d2	2.12	63	132389	32.66	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.32%
21) 2-Butanone-d5	3.91	46	128443	88.24	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	88.24%
24) Chloroform-d	4.37	84	175033	46.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.48%
26) 1,2-Dichloroethane-d4	5.06	65	123470	48.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.02%
32) Benzene-d6	5.07	84	331159	45.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.28%
36) 1,2-Dichloropropane-d6	6.09	67	104726	44.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.14%
41) Toluene-d8	7.34	98	288917	44.04	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.08%
43) trans-1,3-Dichloropropene-	7.64	79	53012	43.53	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.06%
47) 2-Hexanone-d5	8.11	63	88212	85.38	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	85.38%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	136185	43.06	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.12%
64) 1,2-Dichlorobenzene-d4	11.65	152	121098	50.77	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.54%

Target Compounds

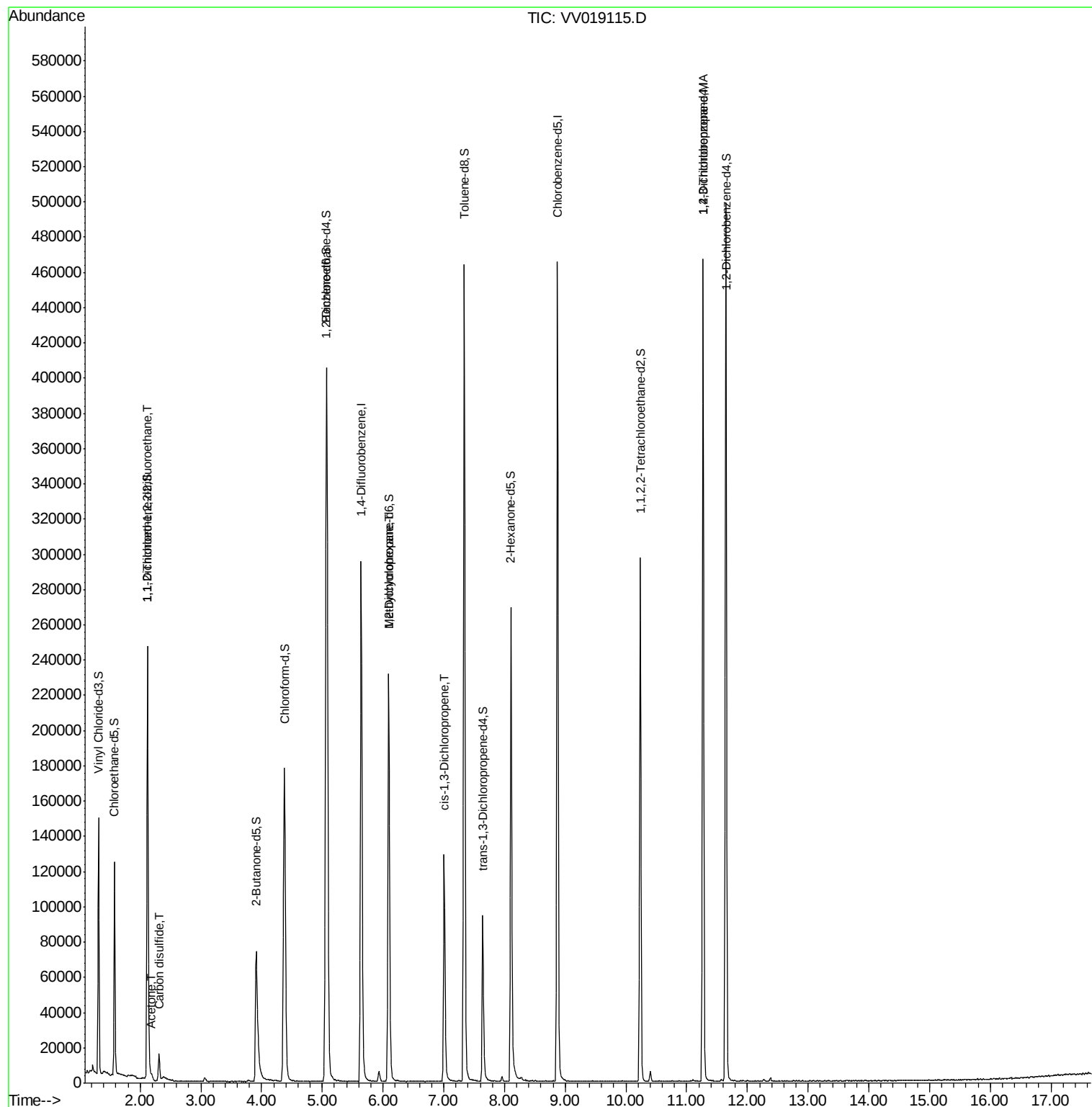
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1112	0.699 ug/L #	20
13) Acetone	2.19	43	3781	3.832 ug/L	98
14) Carbon disulfide	2.31	76	17669	3.368 ug/L	95
35) Methylcyclohexane	6.09	83	25924	10.213 ug/L #	16
39) cis-1,3-Dichloropropene	7.01	75	3273	1.096 ug/L #	73
59) 1,2,3-Trichloropropane	11.27	75	13202	5.586 ug/L #	82

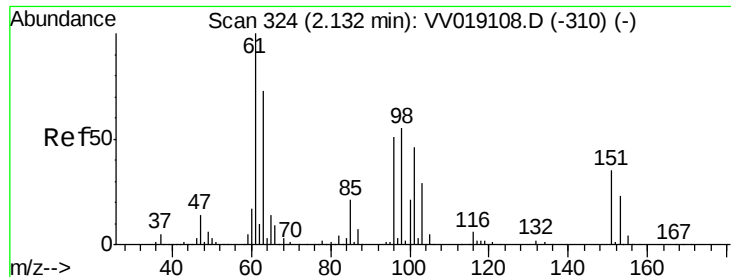
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.699 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV019115.D

Acq: 26 Oct 2020 13:34

Instrument :

MSVOA_V

ClientSampleId :

BG426

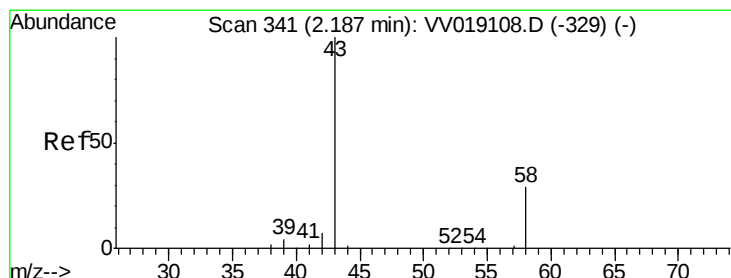
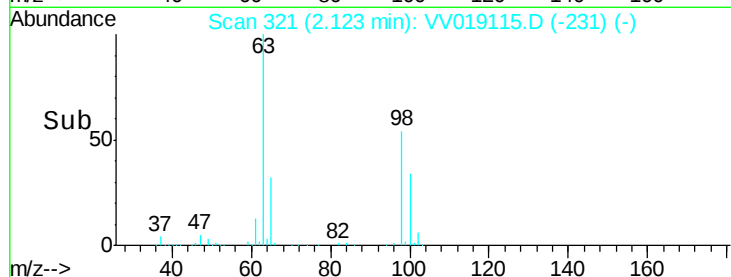
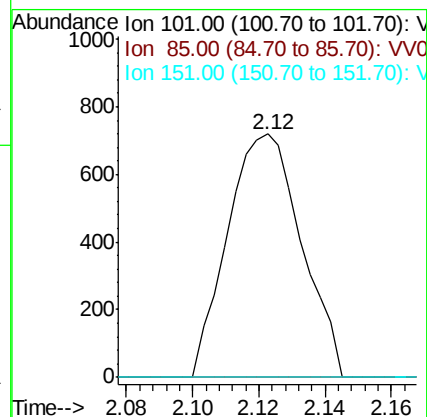
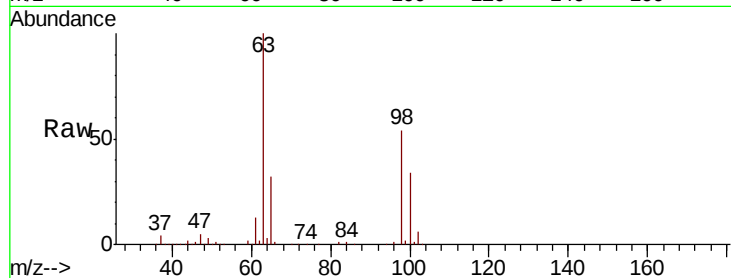
Tot Ion:101 Resp: 1112

Ion Ratio Lower Upper

101 100

85 0.0 36.9 55.3#

151 0.0 58.2 87.2#



#13

Acetone

Concen: 3.832 ug/L

RT: 2.19 min Scan# 343

Delta R.T. 0.01 min

Lab File: VV019115.D

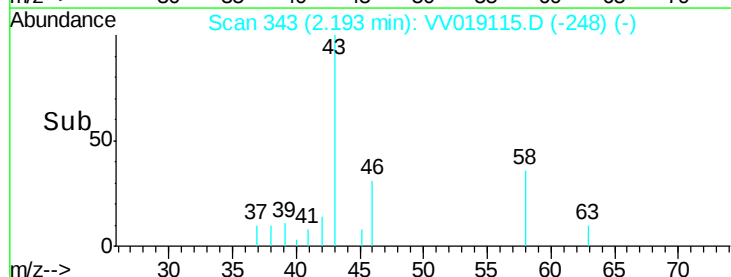
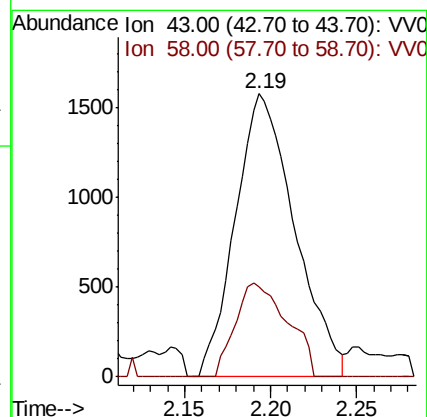
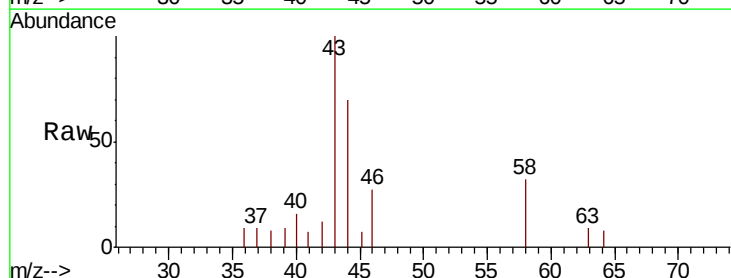
Acq: 26 Oct 2020 13:34

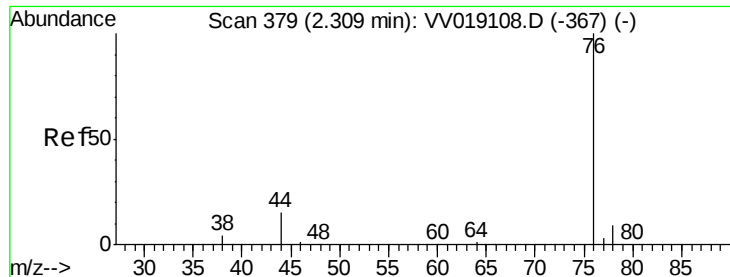
Tgt Ion: 43 Resp: 3781

Ion Ratio Lower Upper

43 100

58 29.2 0.0 60.2





#14

Carbon disulfide

Concen: 3.368 ug/L

RT: 2.31 min Scan# 380

Delta R.T. 0.00 min

Lab File: VV019115.D

Acq: 26 Oct 2020 13:34

Instrument :

MSVOA_V

ClientSampleId :

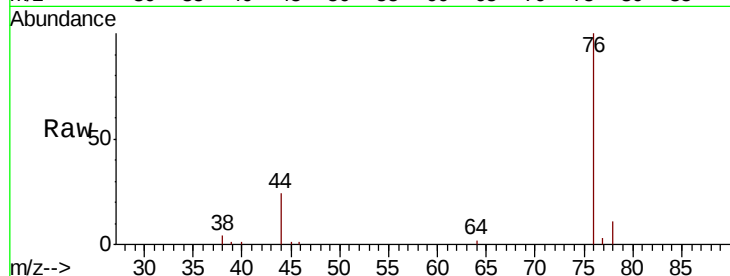
BG426

Tot Ion: 76 Resp: 17669

Ion Ratio Lower Upper

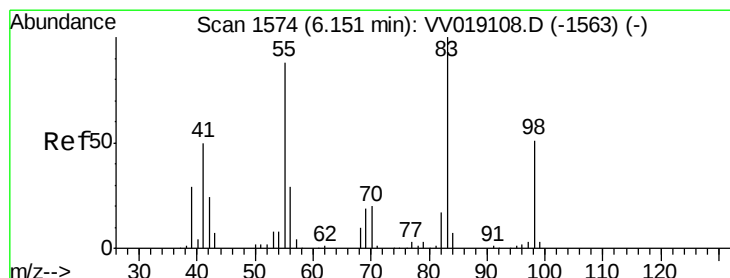
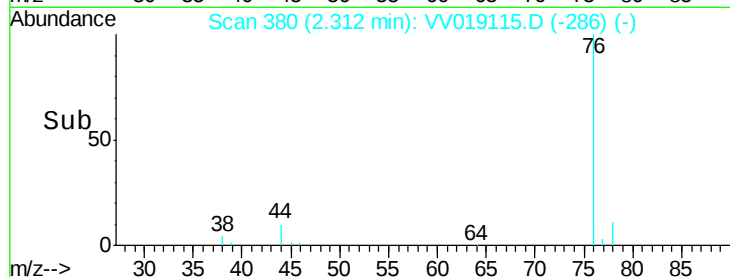
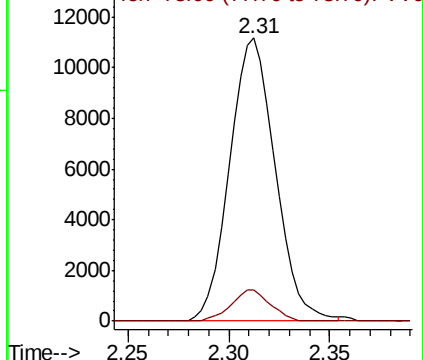
76 100

78 11.0 7.4 11.0



Abundance Ion 76.00 (75.70 to 76.70): VV0

Ion 78.00 (77.70 to 78.70): VV0



#35

Methylcyclohexane

Concen: 10.213 ug/L

RT: 6.09 min Scan# 1556

Delta R.T. -0.06 min

Lab File: VV019115.D

Acq: 26 Oct 2020 13:34

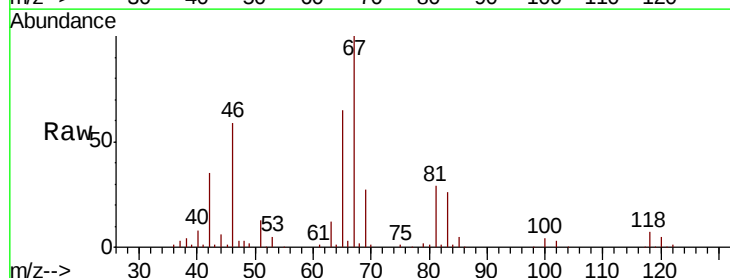
Tgt Ion: 83 Resp: 25924

Ion Ratio Lower Upper

83 100

55 0.5 68.1 102.1#

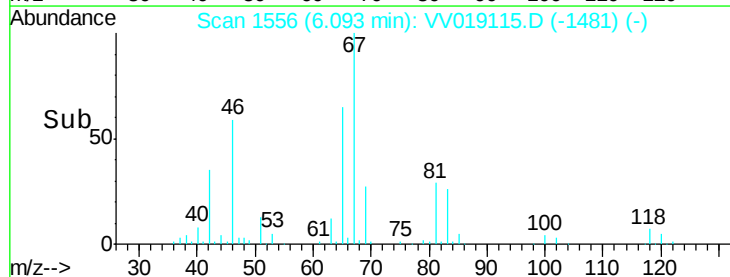
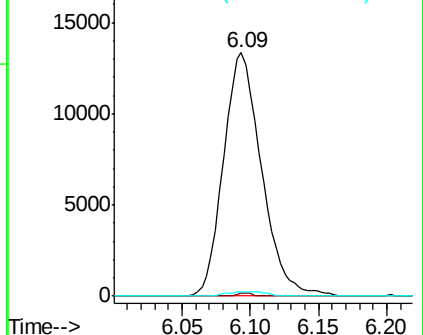
98 1.7 37.9 56.9#

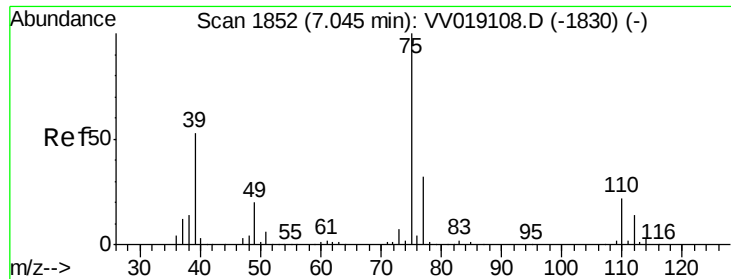


Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 55.00 (54.70 to 55.70): VV0

Ion 98.00 (97.70 to 98.70): VV0





#39

cis-1,3-Dichloropropene

Concen: 1.096 ug/L

RT: 7.01 min Scan# 1840

Delta R.T. -0.04 min

Lab File: VV019115.D

Acq: 26 Oct 2020 13:34

Instrument :

MSVOA_V

ClientSampled :

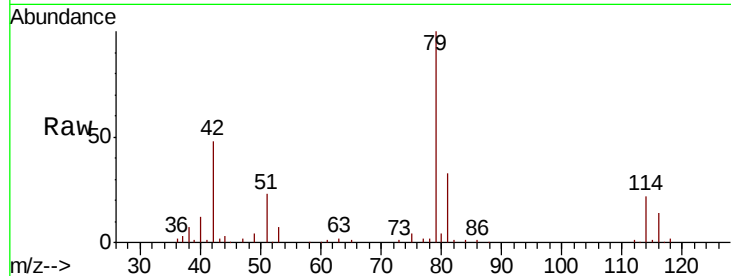
BG426

Tot Ion: 75 Resp: 3273

Ion Ratio Lower Upper

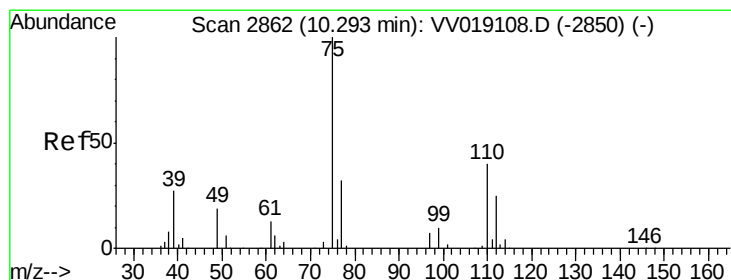
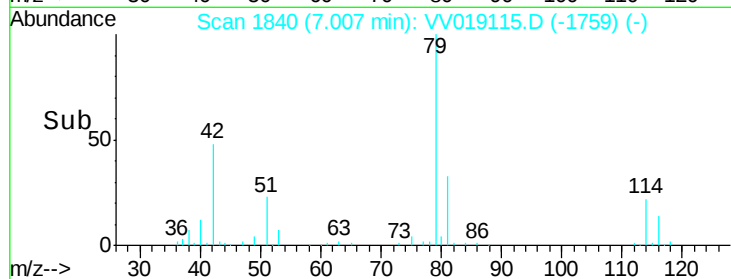
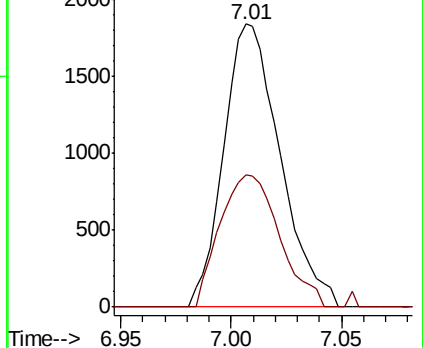
75 100

77 46.7 22.1 41.1#



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: 5.586 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV019115.D

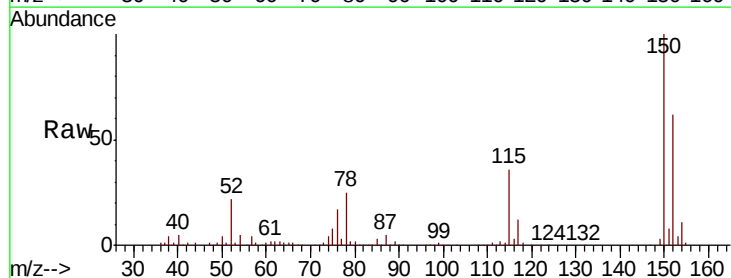
Acq: 26 Oct 2020 13:34

Tgt Ion: 75 Resp: 13202

Ion Ratio Lower Upper

75 100

77 42.5 25.9 38.9#



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

