

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092520\
 Data File : VV018449.D
 Acq On : 25 Sep 2020 12:48
 Operator : SY/MD
 Sample : VIBLK51
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VIBLK51

Quant Time: Sep 25 23:44:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 25 23:36:18 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	393259	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	375349	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	199709	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	136414	42.56	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.12%
7) Chloroethane-d5	1.58	69	110820	42.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.52%
11) 1,1-Dichloroethene-d2	2.12	63	188972	32.14	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.28%
21) 2-Butanone-d5	3.91	46	166676	84.97	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	84.97%
24) Chloroform-d	4.37	84	231542	41.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.28%
26) 1,2-Dichloroethane-d4	5.06	65	151429	42.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.96%
32) Benzene-d6	5.07	84	497287	46.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.56%
36) 1,2-Dichloropropane-d6	6.09	67	156264	45.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.54%
41) Toluene-d8	7.34	98	457585	46.73	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.46%
43) trans-1,3-Dichloropropene-	7.64	79	75865	43.73	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.46%
47) 2-Hexanone-d5	8.11	63	112900	87.30	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	87.30%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	194071	45.29	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.58%
64) 1,2-Dichlorobenzene-d4	11.65	152	191100	46.59	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.18%

Target Compounds

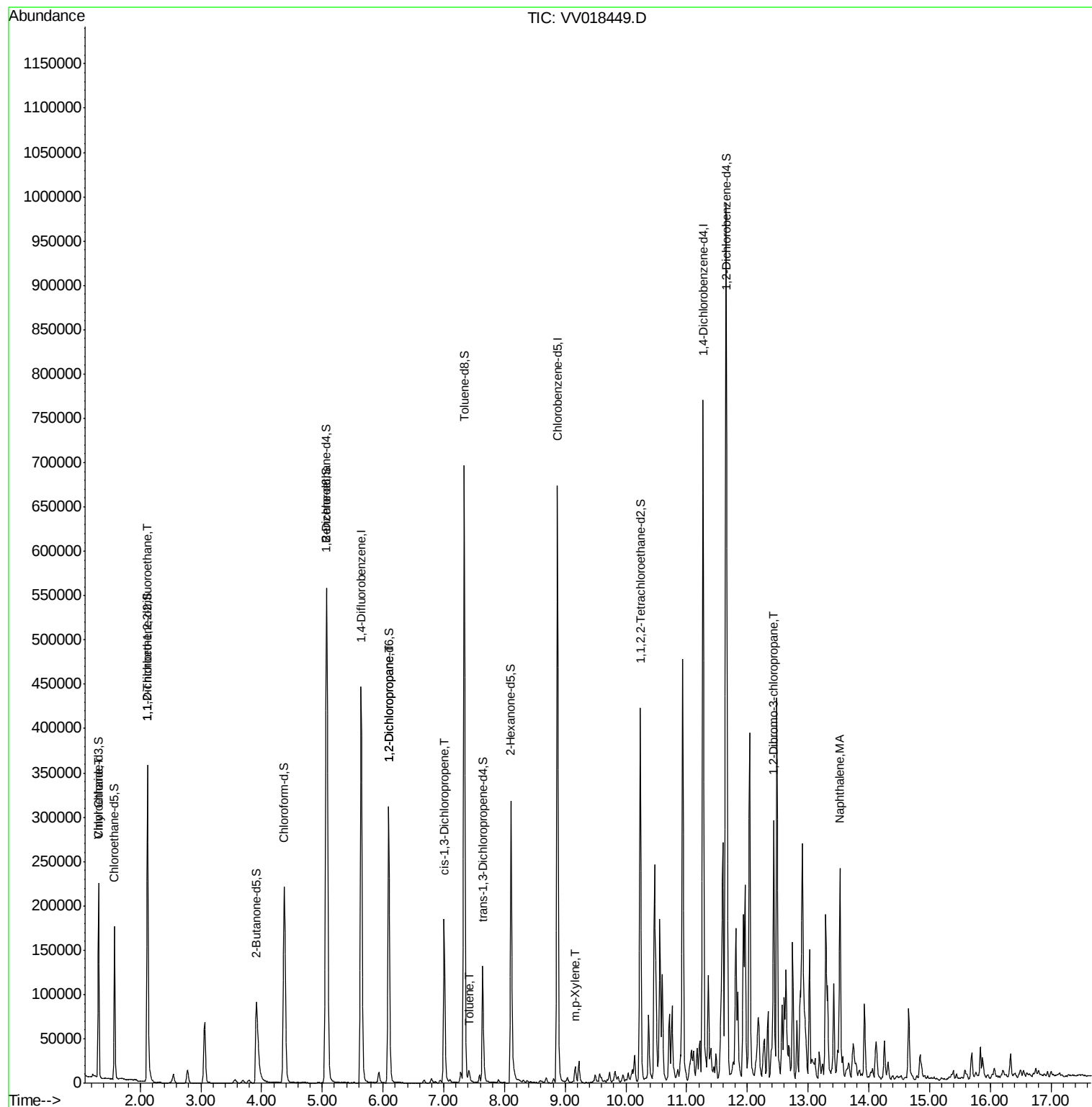
					Ovalue
8) Chloroethane	1.32	64	1769	0.879 ug/L #	1
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1850	0.697 ug/L #	19
37) 1,2-Dichloropropane	6.09	63	16313	5.736 ug/L #	87
39) cis-1,3-Dichloropropene	7.01	75	3954	0.902 ug/L #	56
42) Toluene	7.41	91	11198	0.986 ug/L	98
53) m,p-Xylene	9.16	106	5502	1.189 ug/L	85
66) 1,2-Dibromo-3-chloropropan	12.43	75	1067	1.260 ug/L #	1
69) Naphthalene	13.52	128	178094	16.883 ug/L	99

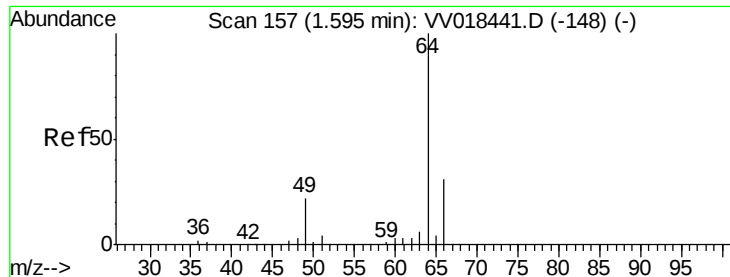
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Sep 25 23:36:18 2020
Response via : Initial Calibration





#8

Chloroethane

Concen: 0.879 ug/L

RT: 1.32 min Scan# 70

Delta R.T. -0.28 min

Lab File: VV018449.D

Acq: 25 Sep 2020 12:48

Instrument :

MSVOA_V

ClientSampleId :

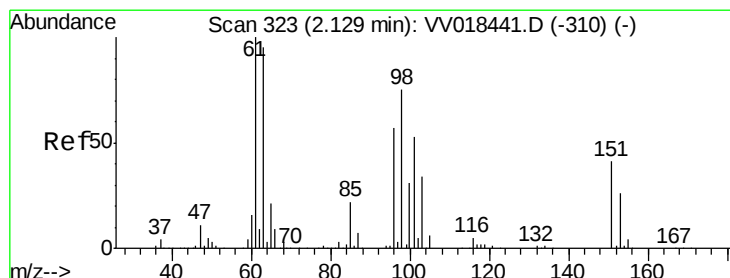
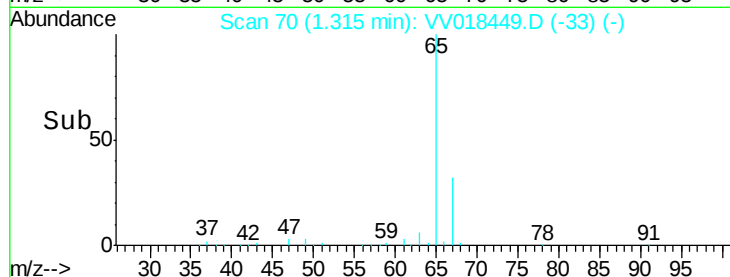
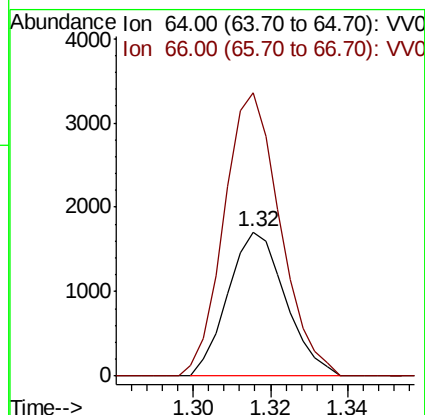
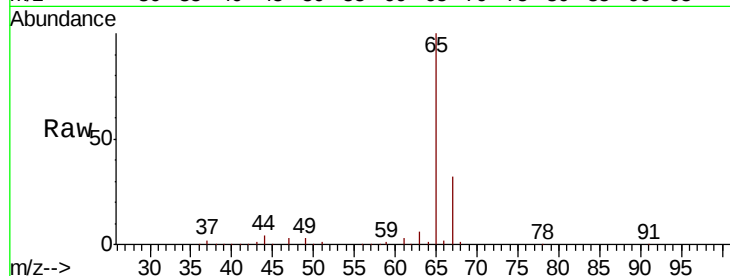
VIBLK51

Tot Ion: 64 Resp: 1769

Ion Ratio Lower Upper

64 100

66 196.4 22.5 41.7#



#10

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

Concen: 0.697 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV018449.D

Acq: 25 Sep 2020 12:48

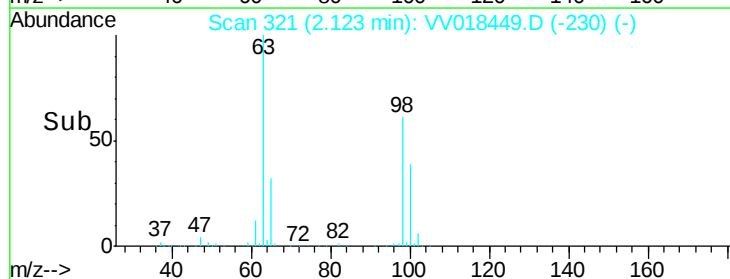
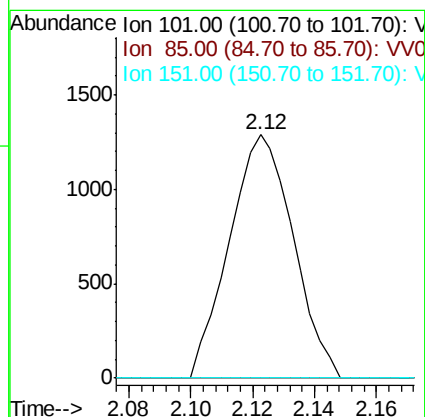
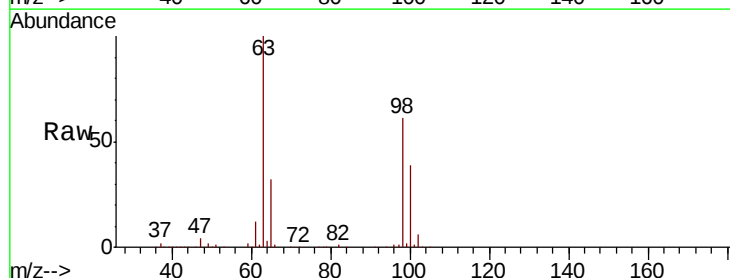
Tgt Ion: 101 Resp: 1850

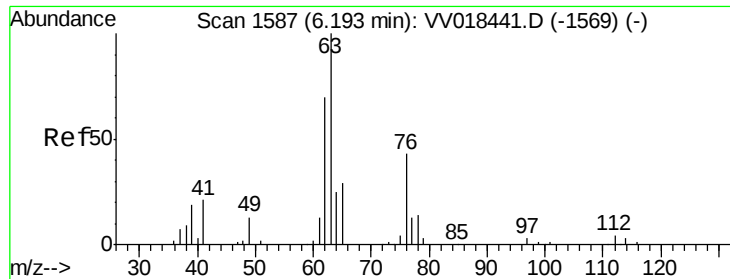
Ion Ratio Lower Upper

101 100

85 0.0 33.5 50.3#

151 0.0 62.2 93.2#





#37

1,2-Dichloropropane

Concen: 5.736 ug/L

RT: 6.09 min Scan# 1556

Delta R.T. -0.10 min

Lab File: VV018449.D

Acq: 25 Sep 2020 12:48

Instrument :

MSVOA_V

ClientSampleId :

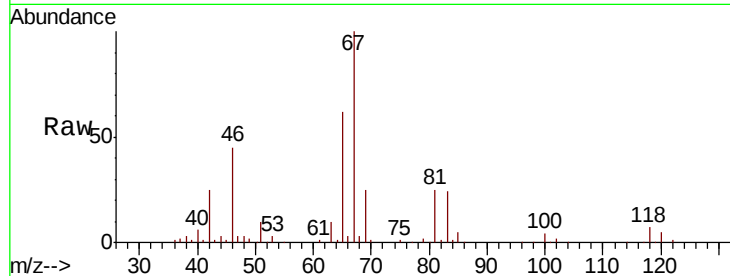
VIBLK51

Tot Ion: 63 Resp: 16313

Ion Ratio Lower Upper

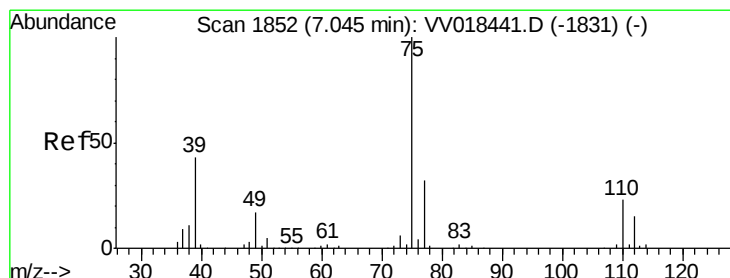
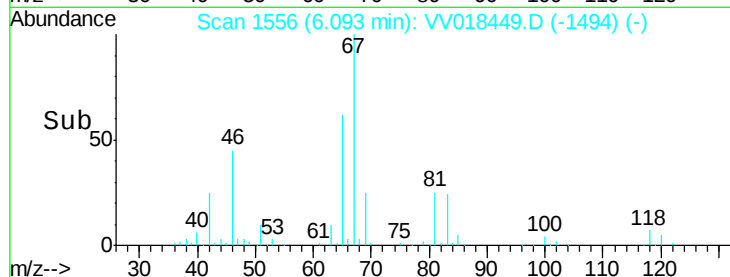
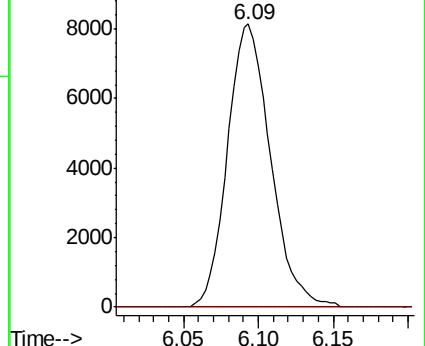
63 100

112 0.0 3.4 5.2#



Abundance Ion 63.00 (62.70 to 63.70): VV0

Ion 112.00 (111.70 to 112.70): VV0



#39

cis-1,3-Dichloropropene

Concen: 0.902 ug/L

RT: 7.01 min Scan# 1840

Delta R.T. -0.04 min

Lab File: VV018449.D

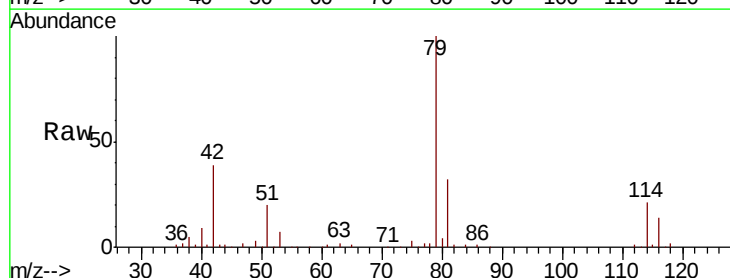
Acq: 25 Sep 2020 12:48

Tgt Ion: 75 Resp: 3954

Ion Ratio Lower Upper

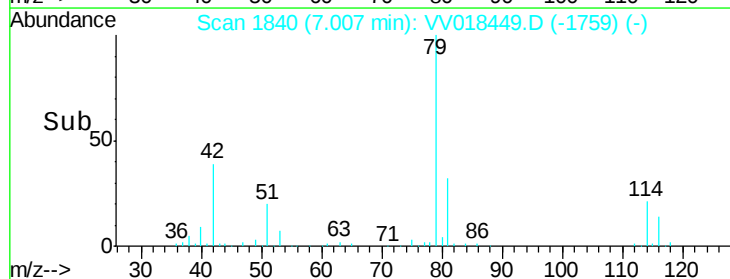
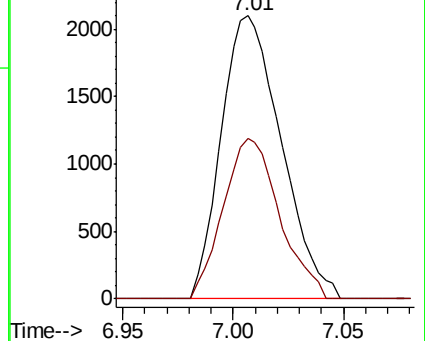
75 100

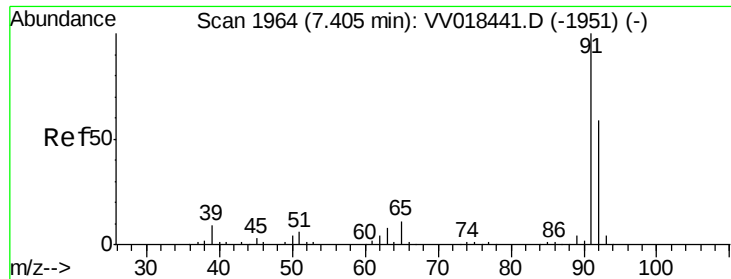
77 56.5 22.3 41.3#



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0





#42

Toluene

Concen: 0.986 ug/L

RT: 7.41 min Scan# 1967

Delta R.T. 0.01 min

Lab File: VV018449.D

Acq: 25 Sep 2020 12:48

Instrument :

MSVOA_V

ClientSampleId :

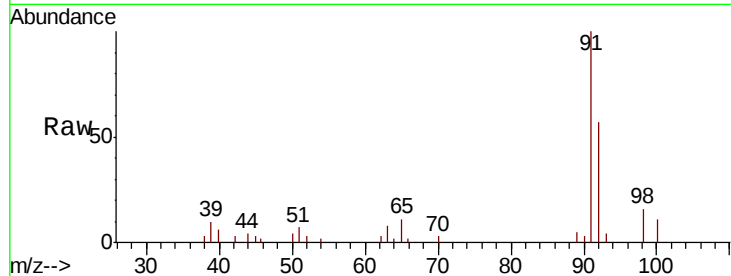
VIBLK51

Tot Ion: 91 Resp: 11198

Ion Ratio Lower Upper

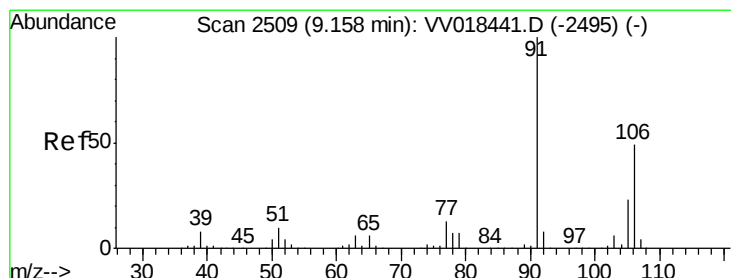
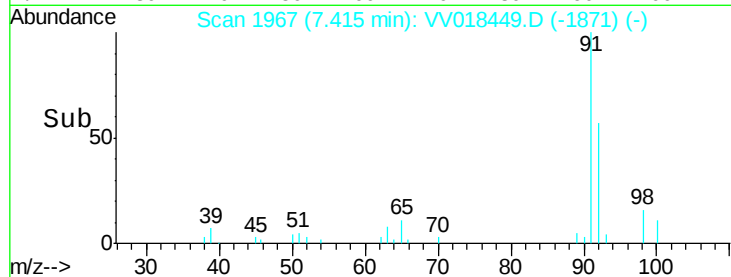
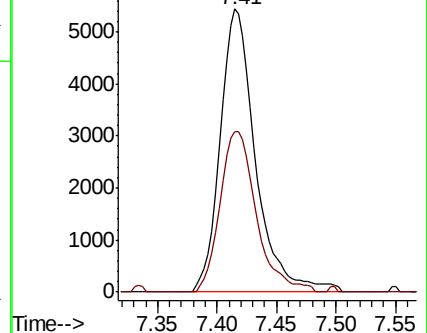
91 100

92 56.9 40.7 75.5



Abundance Ion 91.00 (90.70 to 91.70): VV018441.D (-1951) (-)

Ion 92.00 (91.70 to 92.70): VV018441.D (-1951) (-)



#53

m,p-Xylene

Concen: 1.189 ug/L

RT: 9.16 min Scan# 2510

Delta R.T. 0.00 min

Lab File: VV018449.D

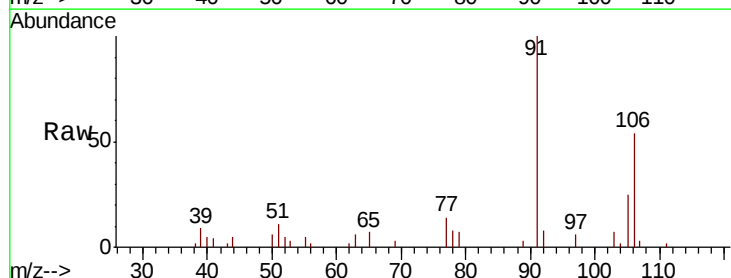
Acq: 25 Sep 2020 12:48

Tgt Ion:106 Resp: 5502

Ion Ratio Lower Upper

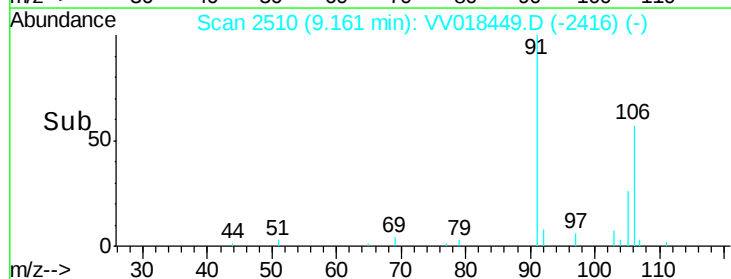
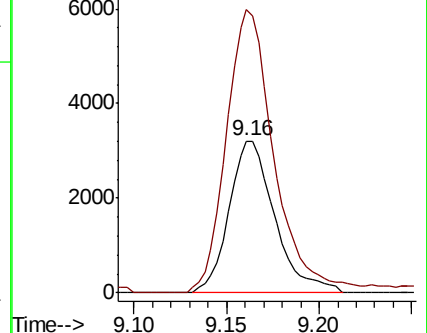
106 100

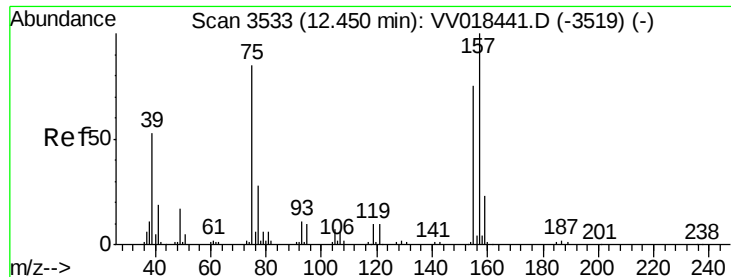
91 186.0 146.7 272.5



Abundance Ion 106.00 (105.70 to 106.70): VV018441.D (-2495) (-)

Ion 91.00 (90.70 to 91.70): VV018441.D (-2495) (-)





#66

1,2-Dibromo-3-chloropropane

Concen: 1.260 ug/L

RT: 12.43 min Scan# 3528

Delta R.T. -0.02 min

Lab File: VV018449.D

Acq: 25 Sep 2020 12:48

Instrument :

MSVOA_V

ClientSampled :

VIBLK51

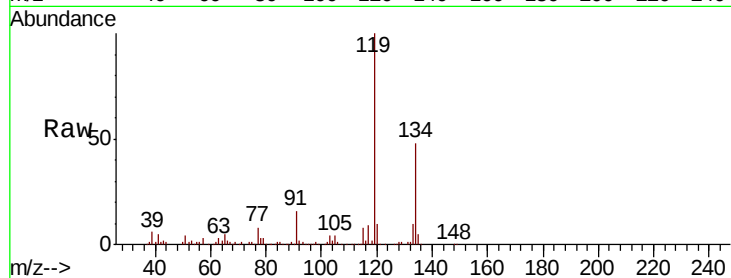
Tot Ion: 75 Resp: 1067

Ion Ratio Lower Upper

75 100

155 0.0 69.7 104.5#

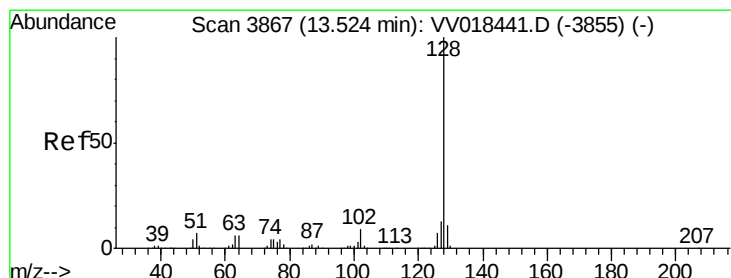
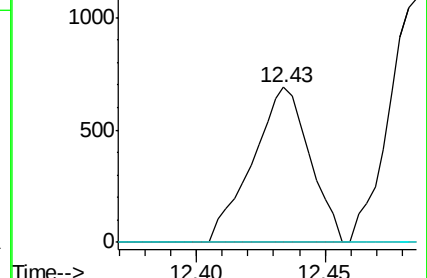
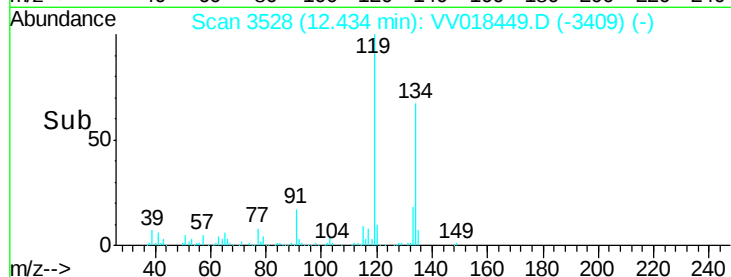
157 0.0 88.2 132.4#



Abundance Ion 75.00 (74.70 to 75.70): VV018449.D (-3409) (-)

Ion 155.00 (154.70 to 155.70): VV018449.D (-3409) (-)

Ion 157.00 (156.70 to 157.70): VV018449.D (-3409) (-)



#69

Naphthalene

Concen: 16.883 ug/L

RT: 13.52 min Scan# 3867

Delta R.T. -0.00 min

Lab File: VV018449.D

Acq: 25 Sep 2020 12:48

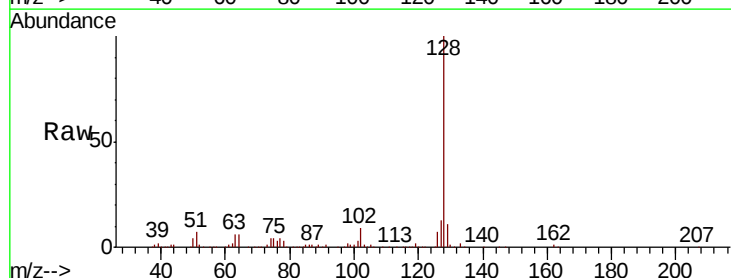
Tgt Ion: 128 Resp: 178094

Ion Ratio Lower Upper

128 100

127 12.8 10.6 15.8

129 11.5 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): VV018449.D (-3245) (-)

Ion 127.00 (126.70 to 127.70): VV018449.D (-3245) (-)

Ion 129.00 (128.70 to 129.70): VV018449.D (-3245) (-)

