

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081020\
 Data File : VW016108.D
 Acq On : 10 Aug 2020 18:42
 Operator : SY/VA
 Sample : L3598-11
 Misc : 5.08G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAY67

Quant Time: Aug 11 01:59:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM081020S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 11 01:19:31 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	415227	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	382534	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	143610	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	112426	21.84	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.36%
7) Chloroethane-d5	2.89	69	80356	20.56	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.24%
10) 1,1-Dichloroethene-d2	4.01	63	174217	15.93	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	63.72%
20) 2-Butanone-d5	7.09	46	83448	61.60	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	123.20%
24) Chloroform-d	7.65	84	241039	21.63	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	86.52%
26) 1,2-Dichloroethane-d4	8.31	65	150163	25.37	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.48%
29) Benzene-d6	8.27	84	463814	22.29	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.16%
33) 1,2-Dichloropropane-d6	9.27	67	141324	23.09	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.36%
37) Toluene-d8	10.33	98	412848	21.63	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.52%
38) trans-1,3-Dichloropropene-	10.58	79	67703	24.62	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	98.48%
39) 2-Hexanone-d5	10.93	63	70230	66.53	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	133.06%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	139572	28.02	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	112.08%
61) 1,2-Dichlorobenzene-d4	13.86	152	123569	24.27	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.08%

Target Compounds

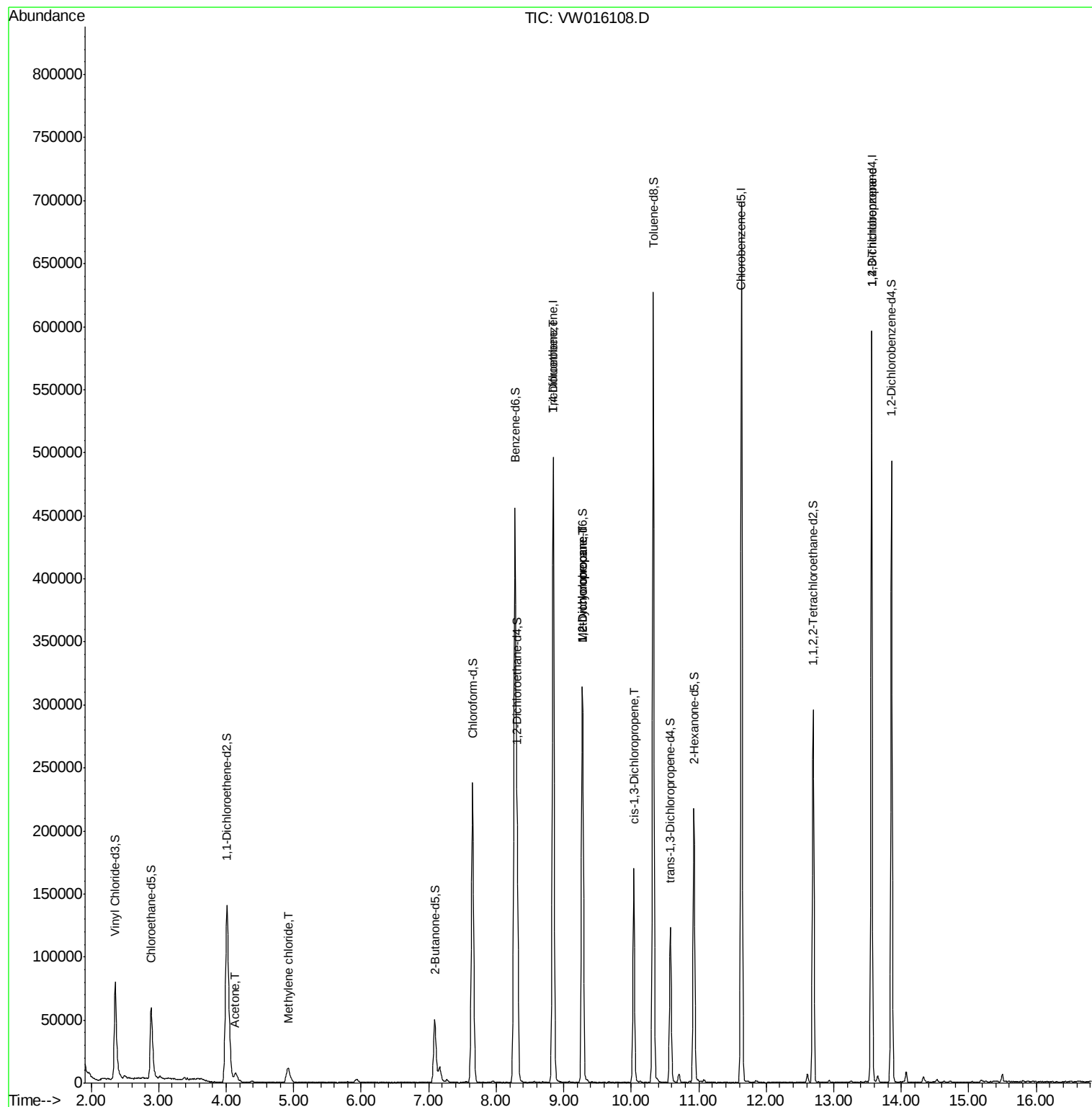
					Ovalue
13) Acetone	4.14	43	12474	12.173	ug/L 96
16) Methylene chloride	4.92	84	11194	1.707	ug/L 84
35) Trichloroethene	8.84	95	12958	2.185	ug/L # 6
36) Methylcyclohexane	9.27	83	37411	3.829	ug/L # 20
40) 1,2-Dichloropropane	9.27	63	16731	3.088	ug/L # 87
42) cis-1,3-Dichloropropene	10.04	75	4473	0.542	ug/L # 75
59) 1,2,3-Trichloropropane	13.56	75	18554	4.922	ug/L 91

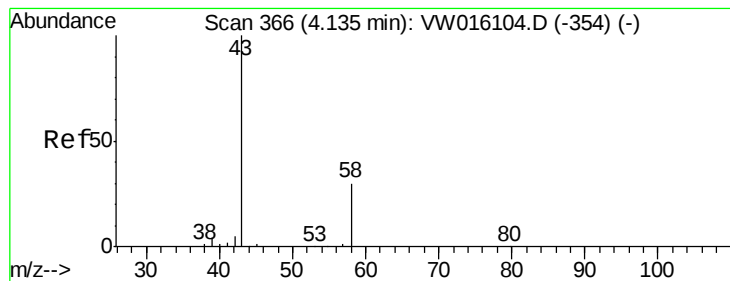
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 12.173 ug/L

RT: 4.14 min Scan# 367

Delta R.T. 0.01 min

Lab File: VW016108.D

Acq: 10 Aug 2020 18:42

Instrument :

MSVOA_W

ClientSampleId :

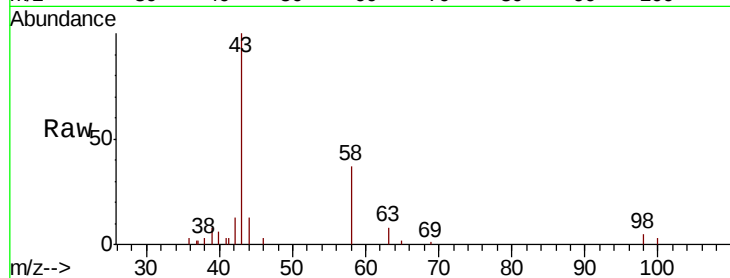
GAY67

Tot Ion: 43 Resp: 12474

Ion Ratio Lower Upper

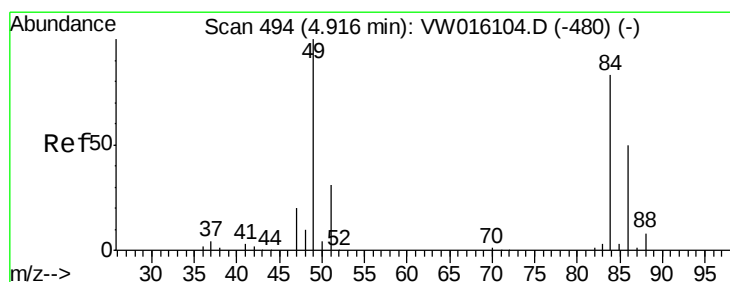
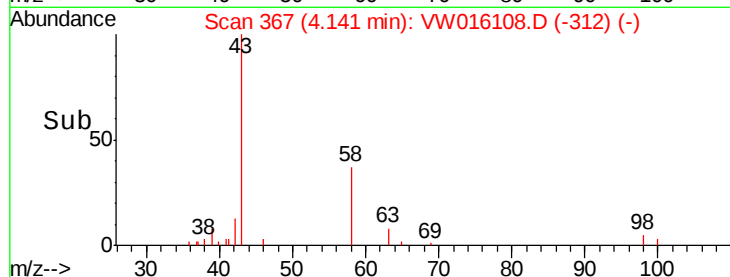
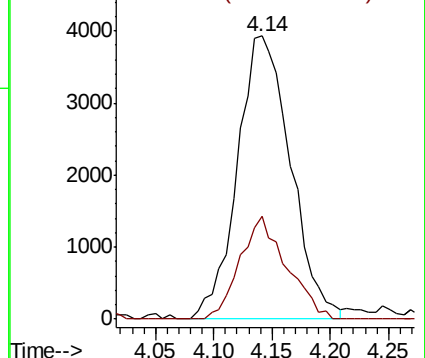
43 100

58 31.6 0.0 59.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 1.707 ug/L

RT: 4.92 min Scan# 494

Delta R.T. -0.00 min

Lab File: VW016108.D

Acq: 10 Aug 2020 18:42

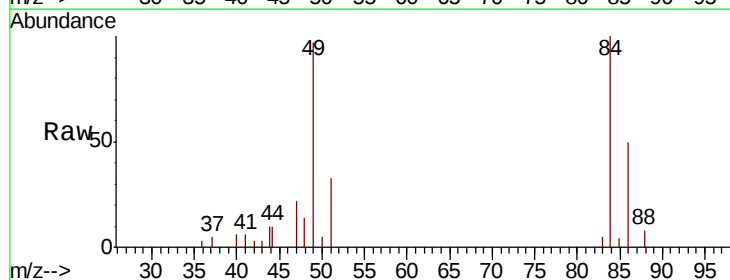
Tgt Ion: 84 Resp: 11194

Ion Ratio Lower Upper

84 100

49 97.4 80.4 149.4

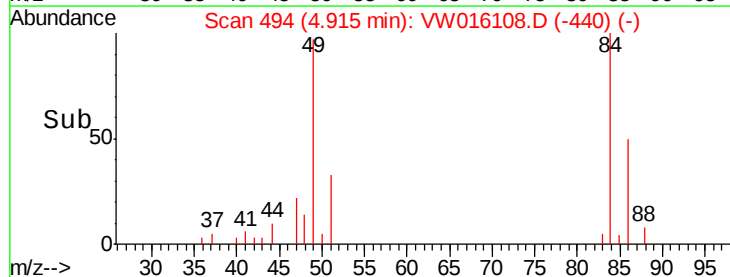
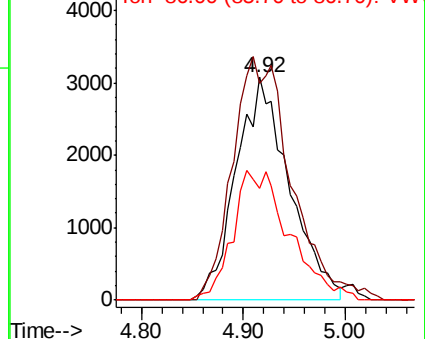
86 50.2 43.8 81.3

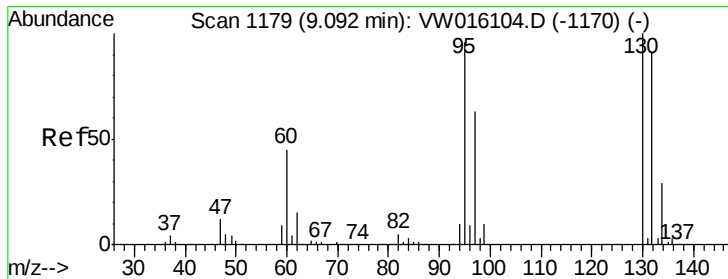


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW





#35

Trichloroethene

Concen: 2.185 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.25 min

Lab File: VW016108.D

Acq: 10 Aug 2020 18:42

Instrument :

MSVOA_W

ClientSampled :

GAY67

Tot Ion: 95 Resp: 12958

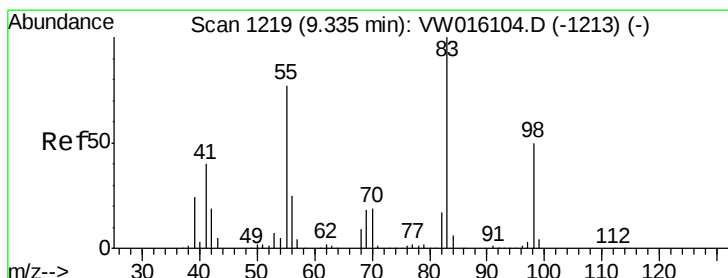
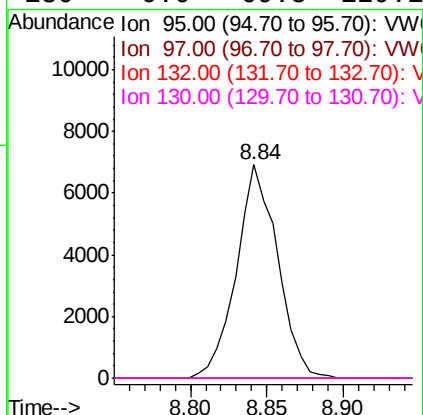
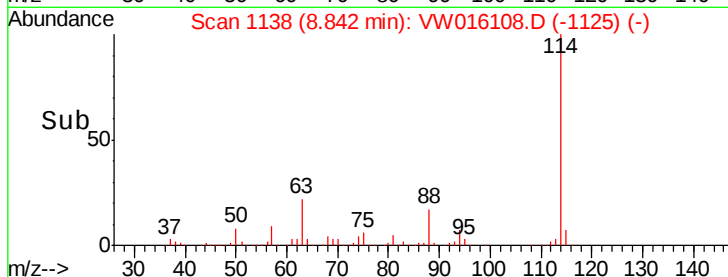
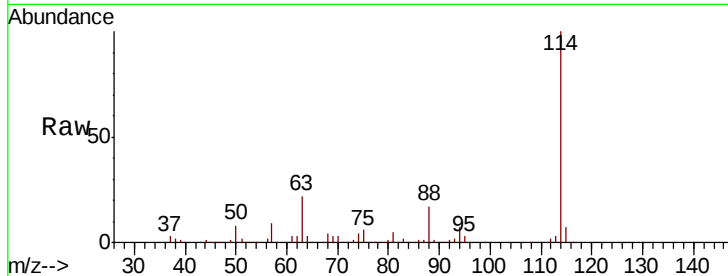
Ion Ratio Lower Upper

95 100

97 0.0 44.9 83.3#

132 0.0 65.8 122.2#

130 0.0 69.5 129.1#



#36

Methylcyclohexane

Concen: 3.829 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.06 min

Lab File: VW016108.D

Acq: 10 Aug 2020 18:42

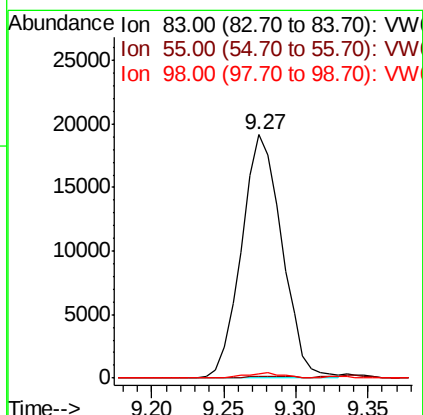
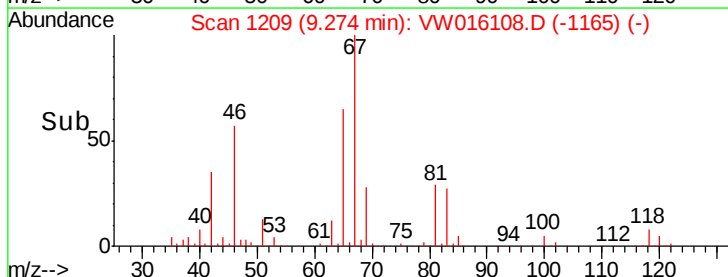
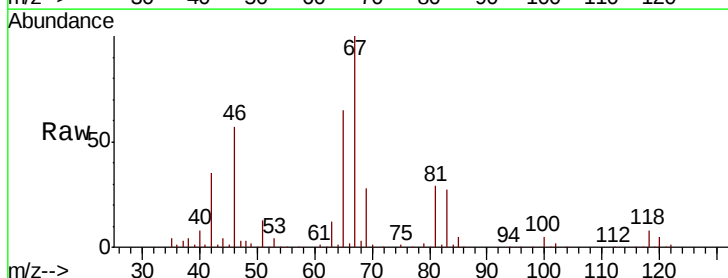
Tgt Ion: 83 Resp: 37411

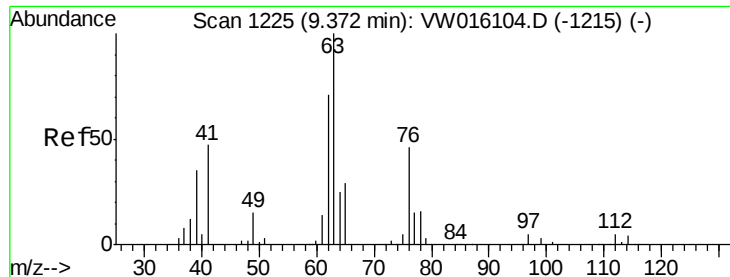
Ion Ratio Lower Upper

83 100

55 0.5 60.7 91.1#

98 2.0 39.4 59.0#





#40

1,2-Dichloropropane

Concen: 3.088 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.10 min

Lab File: VW016108.D

Acq: 10 Aug 2020 18:42

Instrument :

MSVOA_W

ClientSampleId :

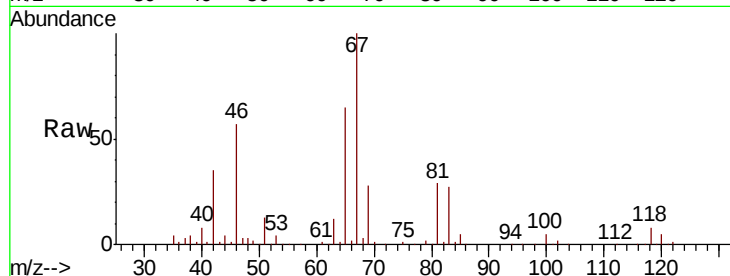
GAY67

Tot Ion: 63 Resp: 16731

Ion Ratio Lower Upper

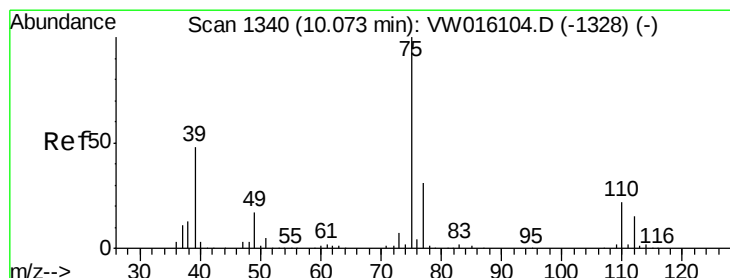
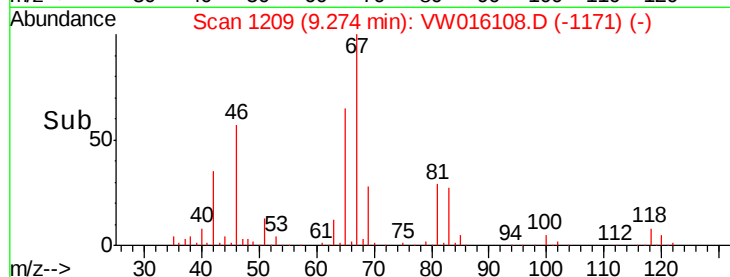
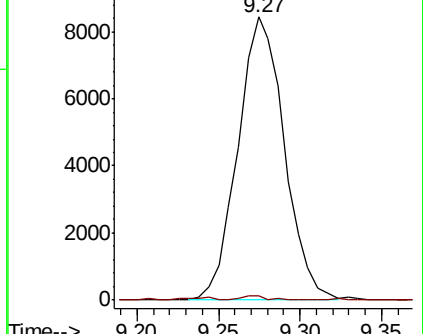
63 100

112 0.6 4.0 6.0#



Abundance Ion 63.00 (62.70 to 63.70): VW

Ion 112.00 (111.70 to 112.70): V



#42

cis-1,3-Dichloropropene

Concen: 0.542 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW016108.D

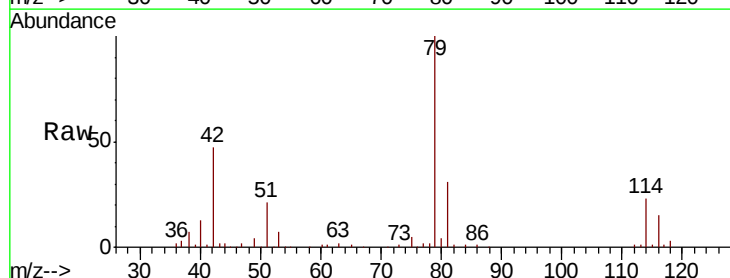
Acq: 10 Aug 2020 18:42

Tgt Ion: 75 Resp: 4473

Ion Ratio Lower Upper

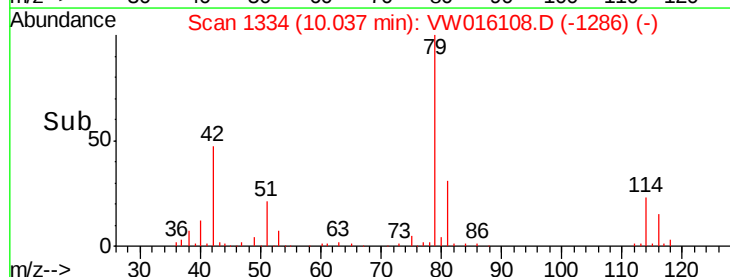
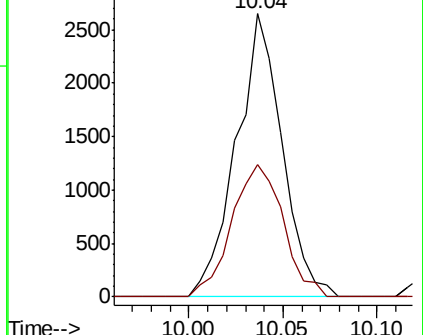
75 100

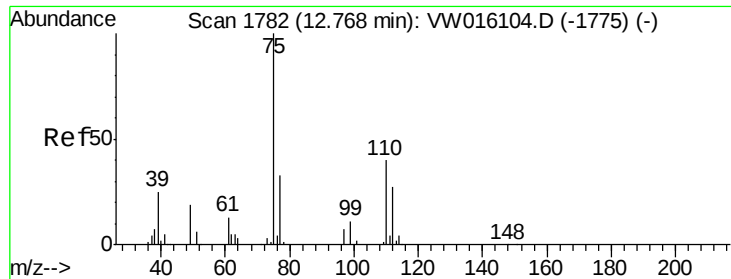
77 46.6 22.9 42.5#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW





#59

1,2,3-Trichloropropane

Concen: 4.922 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW016108.D

Acq: 10 Aug 2020 18:42

Instrument :

MSVOA_W

ClientSampleId :

GAY67

Tot Ion: 75 Resp: 18554

Ion Ratio Lower Upper

75 100

77 37.4 25.9 38.9

