

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW081120\
 Data File : VW016134.D
 Acq On : 11 Aug 2020 14:24
 Operator : SY/VA
 Sample : L3598-22
 Misc : 6.50G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAY78

Quant Time: Aug 11 16:10:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM081020S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 11 16:06:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	442778	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	402792	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	139805	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	122036	22.23	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.92%
7) Chloroethane-d5	2.89	69	89682	21.52	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.08%
10) 1,1-Dichloroethene-d2	4.01	63	190210	16.31	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	65.24%
20) 2-Butanone-d5	7.09	46	71325	49.38	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.76%
24) Chloroform-d	7.65	84	263143	22.15	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	88.60%
26) 1,2-Dichloroethane-d4	8.31	65	152076	24.10	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.40%
29) Benzene-d6	8.27	84	520203	23.74	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.96%
33) 1,2-Dichloropropane-d6	9.27	67	154306	23.95	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.80%
37) Toluene-d8	10.32	98	454839	22.63	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.52%
38) trans-1,3-Dichloropropene-	10.58	79	68232	23.56	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.24%
39) 2-Hexanone-d5	10.93	63	60673	54.58	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	109.16%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	133657	25.48	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	101.92%
61) 1,2-Dichlorobenzene-d4	13.85	152	124312	25.08	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.32%

Target Compounds

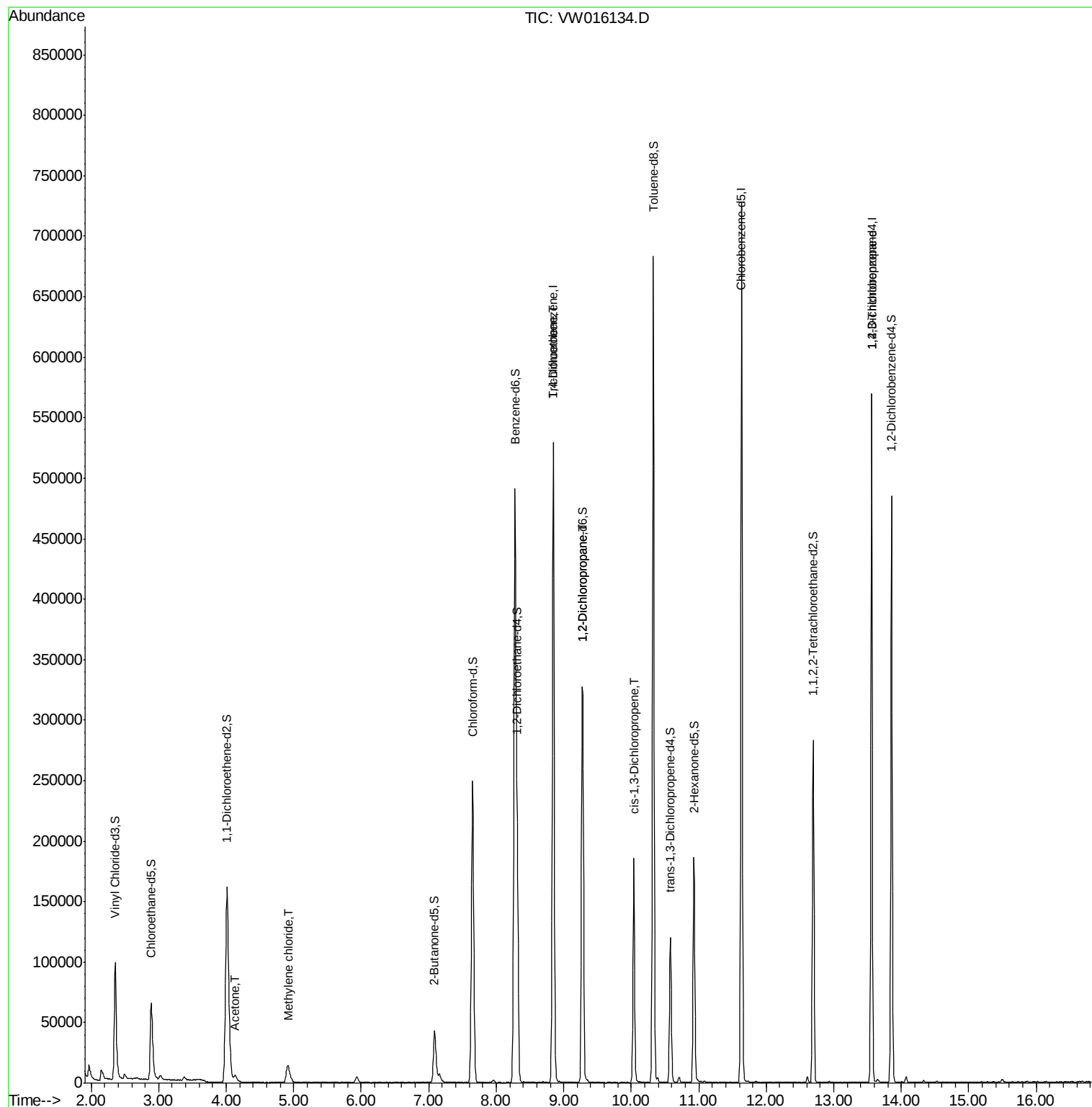
					Qvalue
13) Acetone	4.14	43	9508	8.701 ug/L	97
16) Methylene chloride	4.91	84	13547	1.938 ug/L	96
35) Trichloroethene	8.85	95	13421	2.149 ug/L #	6
40) 1,2-Dichloropropane	9.28	63	17915	3.141 ug/L #	86
42) cis-1,3-Dichloropropene	10.04	75	4631	0.533 ug/L	86
59) 1,2,3-Trichloropropane	13.56	75	17355	4.373 ug/L	92

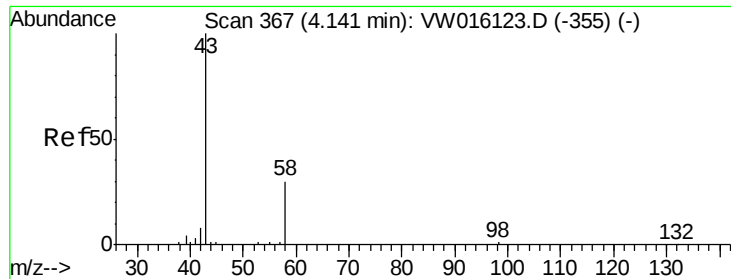
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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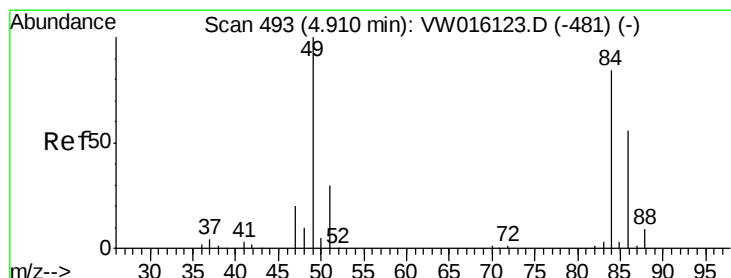
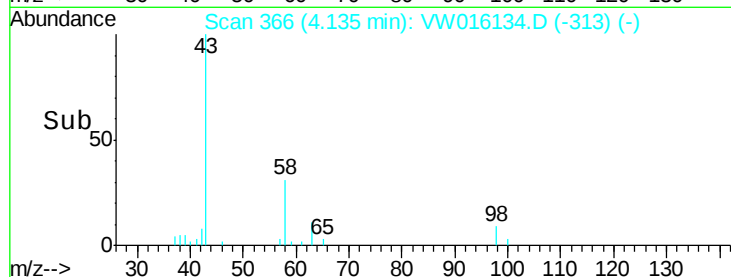
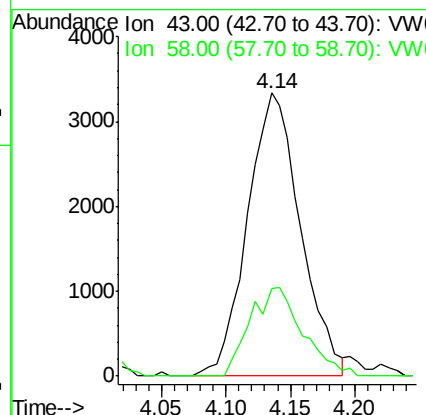
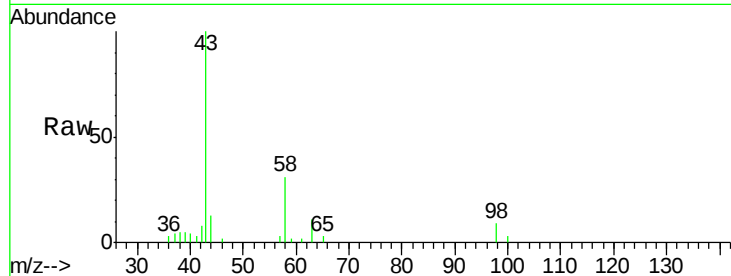




#13
Acetone
Concen: 8.701 ug/L
RT: 4.14 min Scan# 366
Delta R.T. -0.01 min
Lab File: VW016134.D
Acq: 11 Aug 2020 14:24

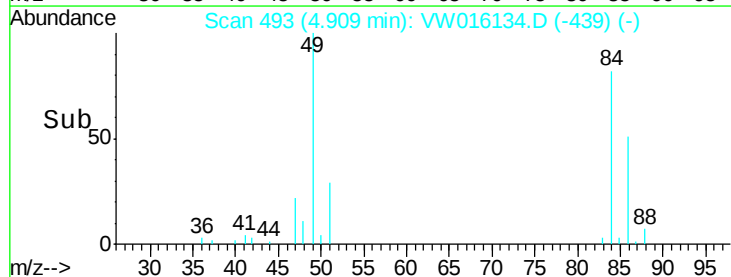
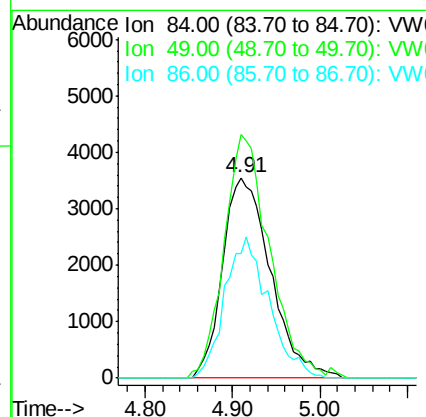
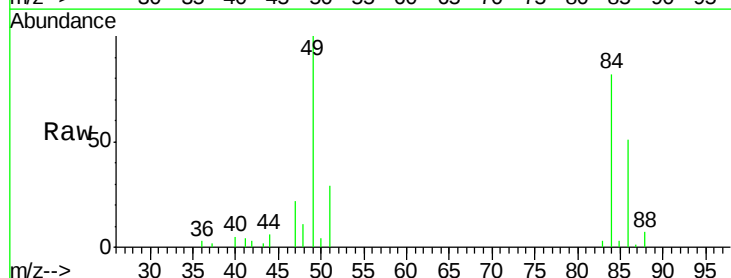
Instrument :
MSVOA_W
ClientSampleId :
GAY78

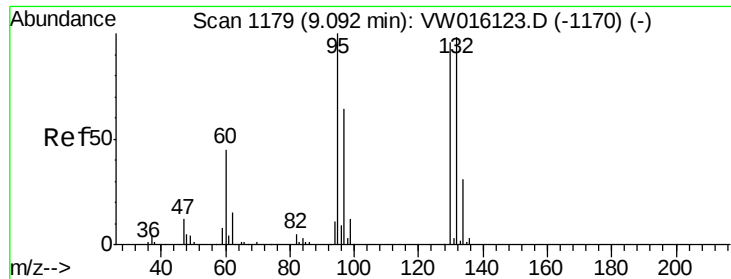
Tgt Ion: 43 Resp: 9508
Ion Ratio Lower Upper
43 100
58 31.3 0.0 59.4



#16
Methylene chloride
Concen: 1.938 ug/L
RT: 4.91 min Scan# 493
Delta R.T. -0.00 min
Lab File: VW016134.D
Acq: 11 Aug 2020 14:24

Tgt Ion: 84 Resp: 13547
Ion Ratio Lower Upper
84 100
49 121.4 80.4 149.4
86 62.0 43.8 81.3





#35

Trichloroethene

Concen: 2.149 ug/L

RT: 8.85 min Scan# 1139

Delta R.T. -0.24 min

Lab File: VW016134.D

Acq: 11 Aug 2020 14:24

Instrument :

MSVOA_W

ClientSampled :

GAY78

Tgt Ion: 95 Resp: 13421

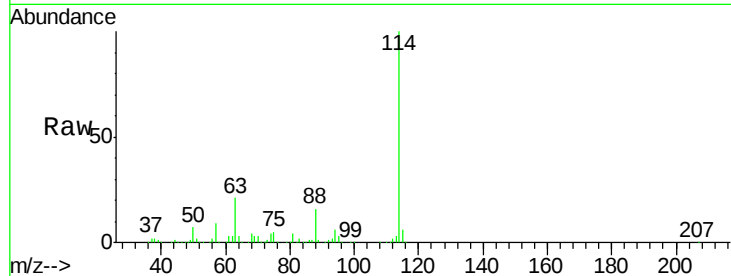
Ion Ratio Lower Upper

95 100

97 0.0 44.9 83.3#

132 0.6 65.8 122.2#

130 0.0 69.5 129.1#

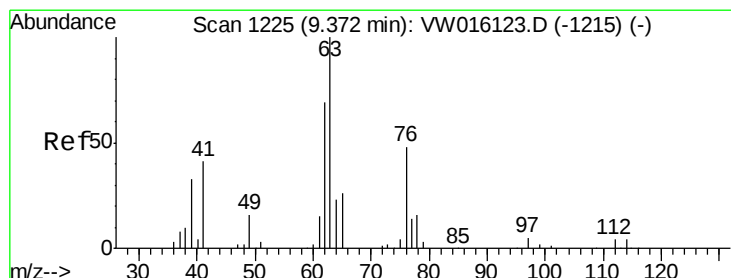
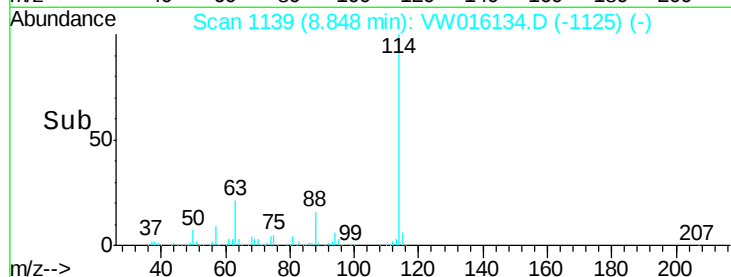
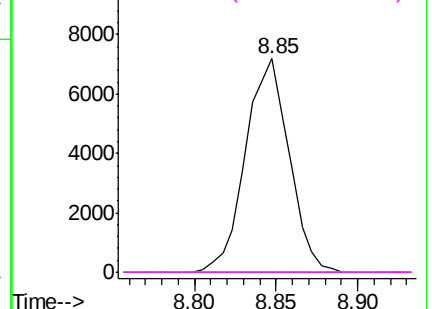


Abundance Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#40

1,2-Dichloropropane

Concen: 3.141 ug/L

RT: 9.28 min Scan# 1210

Delta R.T. -0.09 min

Lab File: VW016134.D

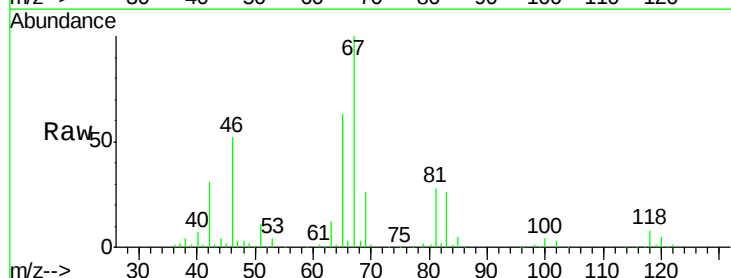
Acq: 11 Aug 2020 14:24

Tgt Ion: 63 Resp: 17915

Ion Ratio Lower Upper

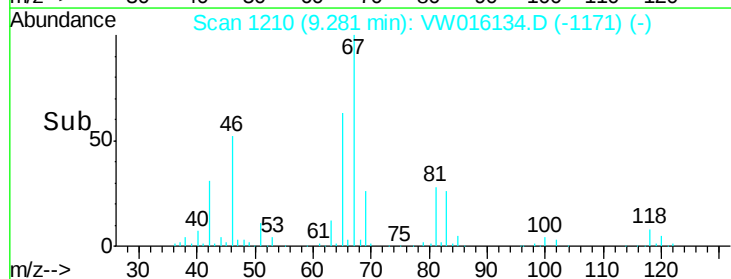
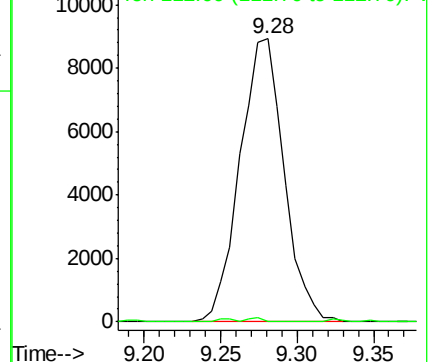
63 100

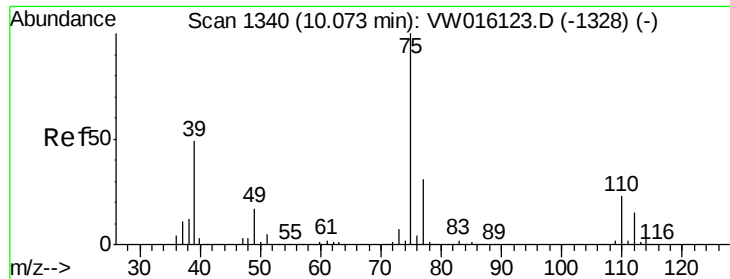
112 0.4 4.0 6.0#



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: 0.533 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW016134.D

Acq: 11 Aug 2020 14:24

Instrument :

MSVOA_W

ClientSampleId :

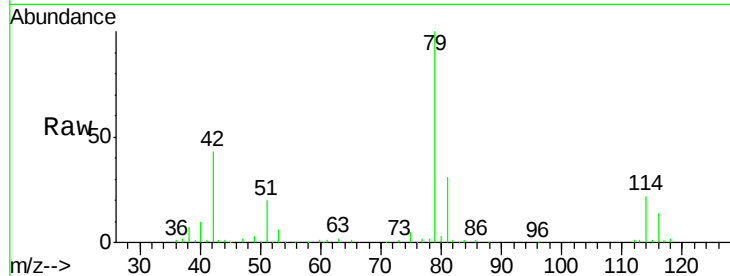
GAY78

Tgt Ion: 75 Resp: 4631

Ion Ratio Lower Upper

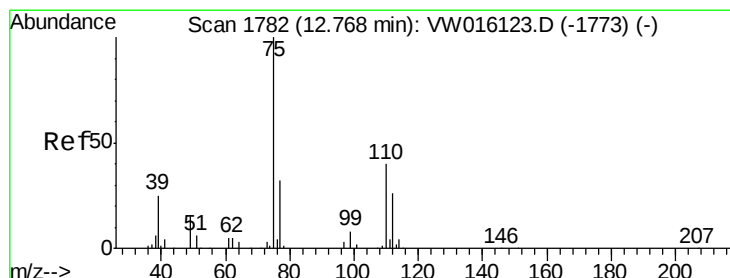
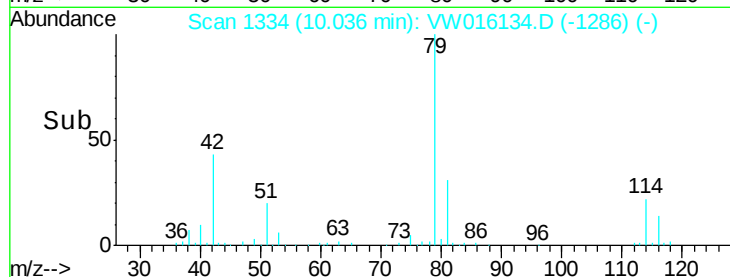
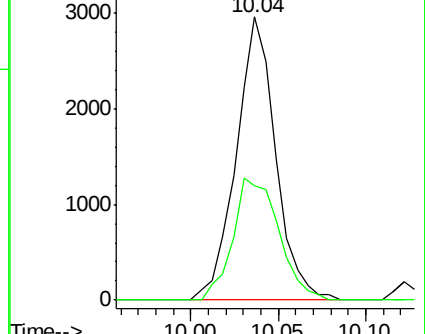
75 100

77 40.6 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: 4.373 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW016134.D

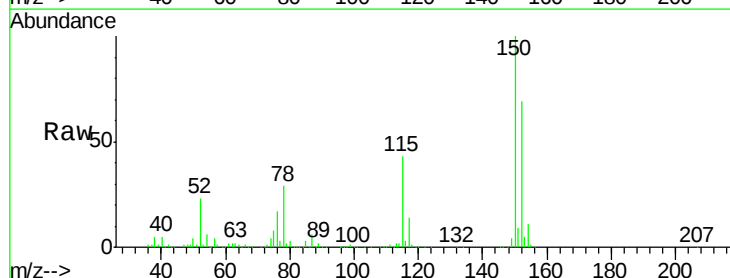
Acq: 11 Aug 2020 14:24

Tgt Ion: 75 Resp: 17355

Ion Ratio Lower Upper

75 100

77 37.0 25.9 38.9



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

