

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082620\
 Data File : VW016374.D
 Acq On : 26 Aug 2020 17:57
 Operator : SY/VA
 Sample : L3800-09
 Misc : 6.79G/10ML/MSVOA W/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG3H8

Quant Time: Aug 27 02:45:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM082420S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 27 02:40:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	276801	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	258929	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	115180	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	44197	14.95	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	59.80%
7) Chloroethane-d5	2.89	69	39223	17.48	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.92%
10) 1,1-Dichloroethene-d2	4.02	63	91421	13.02	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	52.08%
20) 2-Butanone-d5	7.08	46	36156	43.02	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	86.04%
24) Chloroform-d	7.65	84	148155	20.53	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	82.12%
26) 1,2-Dichloroethane-d4	8.31	65	78627	21.14	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	84.56%
29) Benzene-d6	8.28	84	275475	19.06	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	76.24%
33) 1,2-Dichloropropane-d6	9.27	67	81890	20.47	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	81.88%
37) Toluene-d8	10.32	98	260027	19.07	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	76.28%
38) trans-1,3-Dichloropropene-	10.58	79	36064	18.68	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	74.72%
39) 2-Hexanone-d5	10.93	63	29989	46.79	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.58%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	73238	22.00	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	88.00%
61) 1,2-Dichlorobenzene-d4	13.86	152	91482	20.71	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	82.84%

Target Compounds

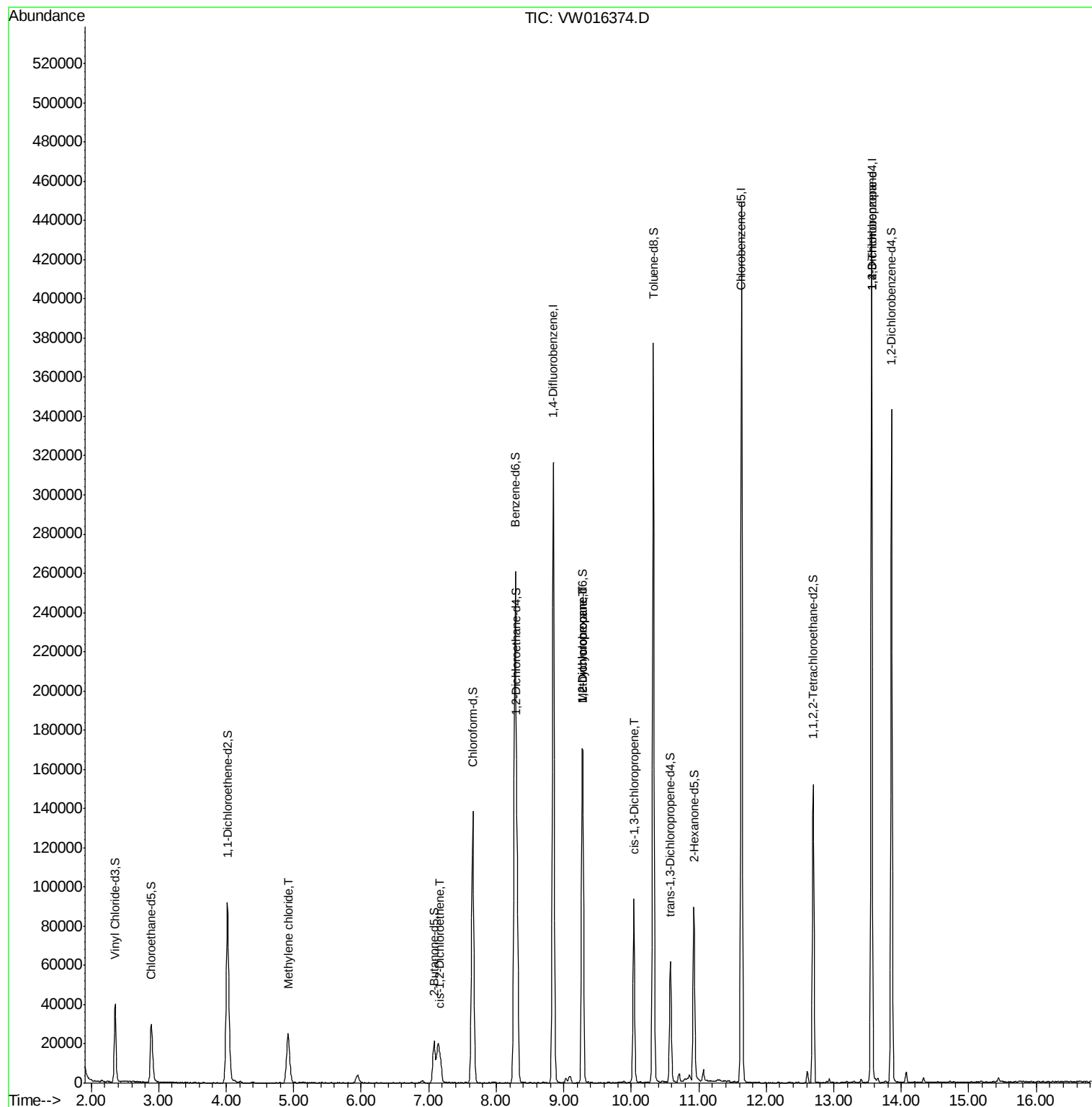
					Ovalue
16) Methylene chloride	4.92	84	21976	4.295 ug/L	90
22) cis-1,2-Dichloroethene	7.17	96	5822	1.434 ug/L	99
36) Methylcyclohexane	9.28	83	21778	3.172 ug/L #	21
40) 1,2-Dichloropropane	9.27	63	9371	2.683 ug/L #	84
42) cis-1,3-Dichloropropene	10.04	75	2361	0.413 ug/L	84
59) 1,2,3-Trichloropropane	13.56	75	12403	4.978 ug/L	91

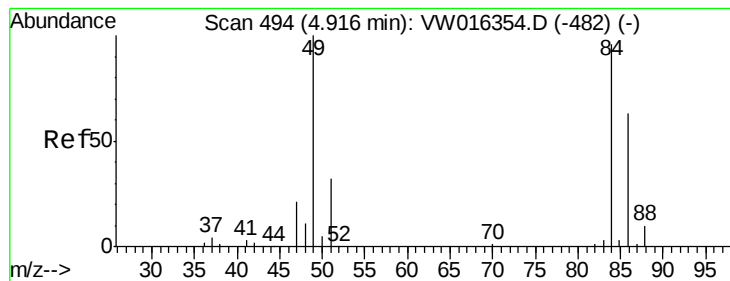
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Aug 27 02:40:32 2020
Response via : Initial Calibration





#16

Methylene chloride

Concen: 4.295 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

Lab File: VW016374.D

Acq: 26 Aug 2020 17:57

Instrument :

MSVOA_W

ClientSampleId :

BG3H8

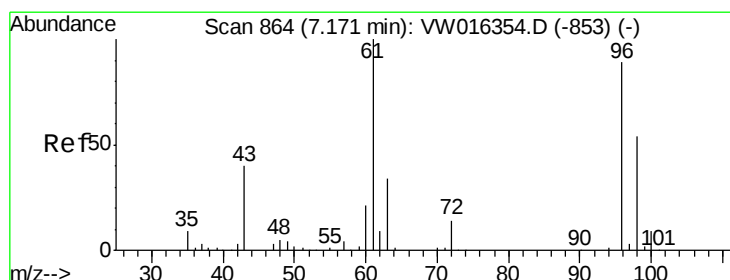
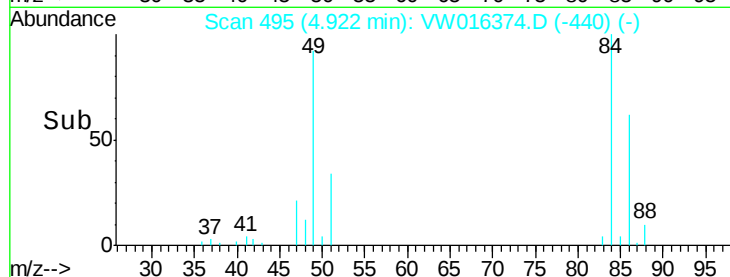
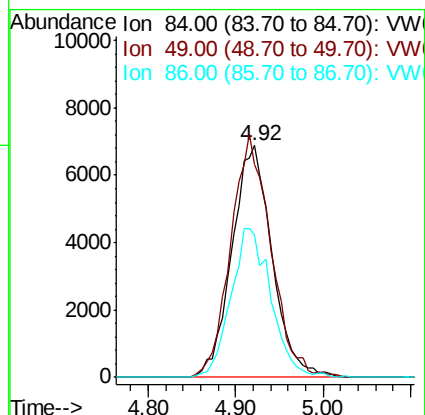
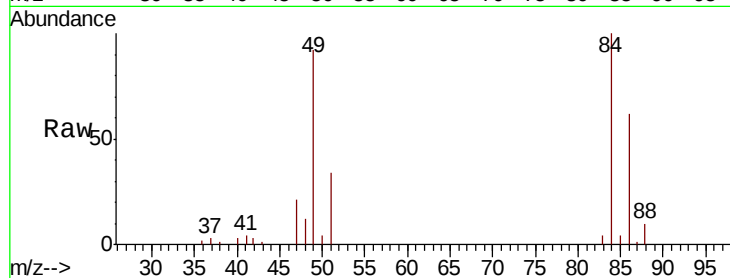
Tot Ion: 84 Resp: 21976

Ion Ratio Lower Upper

84 100

49 91.8 75.3 139.9

86 61.6 43.3 80.3



#22

cis-1,2-Dichloroethene

Concen: 1.434 ug/L

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW016374.D

Acq: 26 Aug 2020 17:57

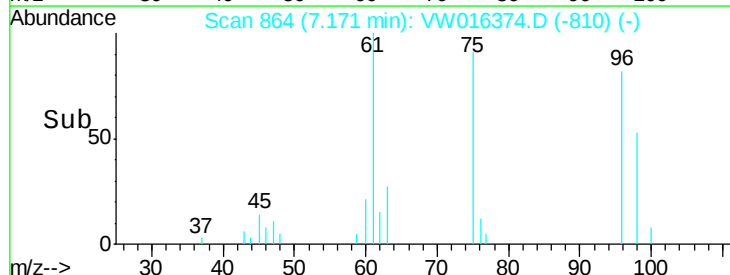
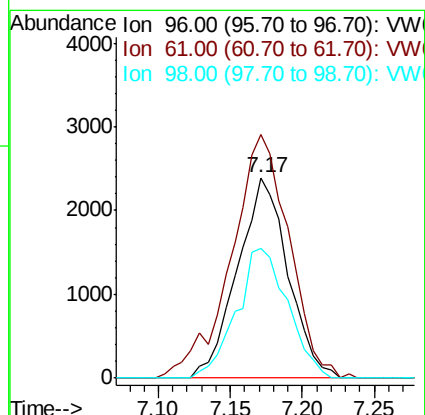
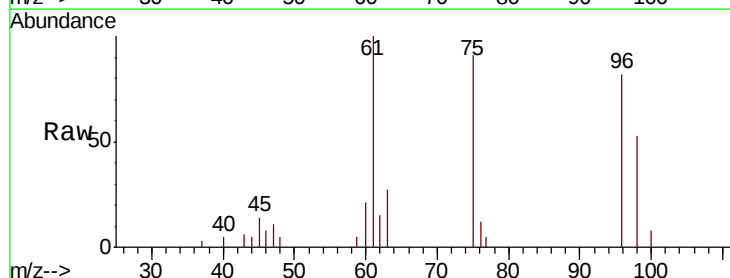
Tgt Ion: 96 Resp: 5822

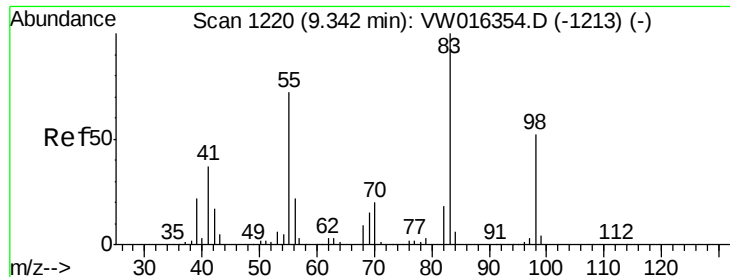
Ion Ratio Lower Upper

96 100

61 121.3 84.9 157.7

98 64.5 46.8 86.8

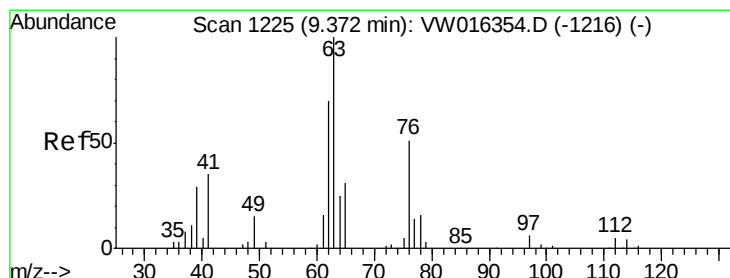
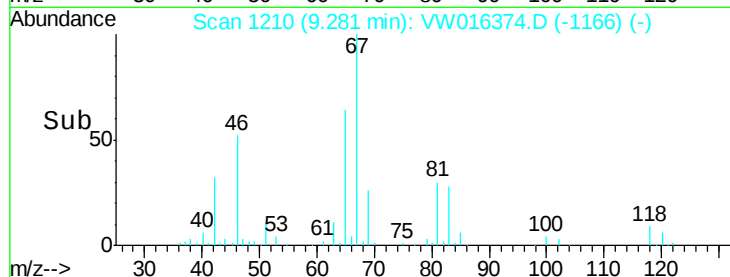
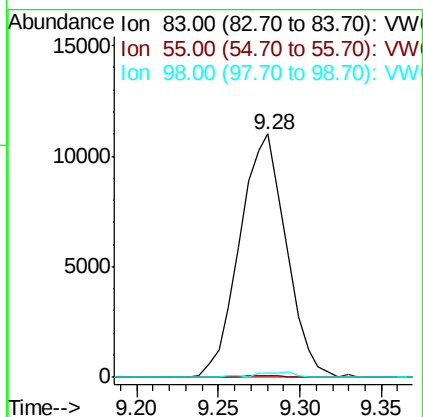
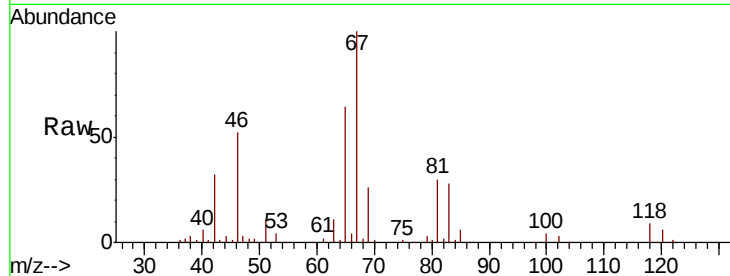




#36
Methylcyclohexane
Concen: 3.172 ug/L
RT: 9.28 min Scan# 1210
Delta R.T. -0.06 min
Lab File: VW016374.D
Acq: 26 Aug 2020 17:57

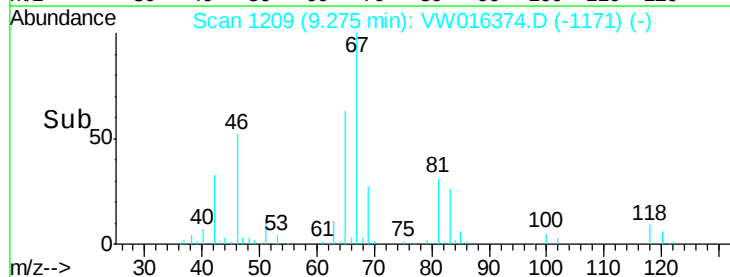
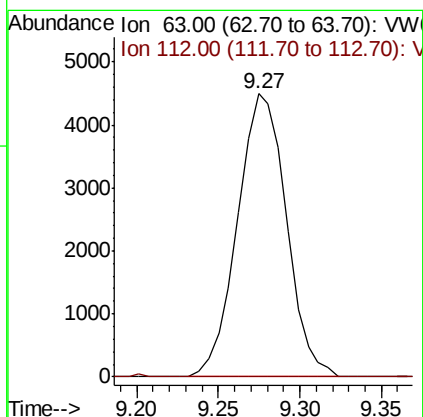
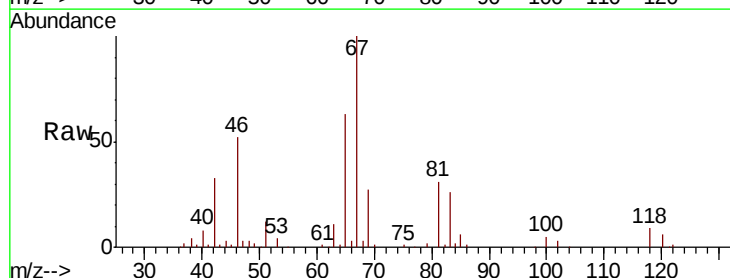
Instrument :
MSVOA_W
ClientSampled :
BG3H8

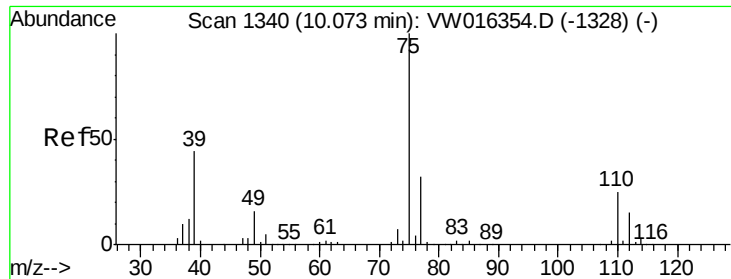
Tot Ion: 83 Resp: 21778
Ion Ratio Lower Upper
83 100
55 0.5 55.6 83.4#
98 0.6 40.6 61.0#



#40
1,2-Dichloropropane
Concen: 2.683 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.10 min
Lab File: VW016374.D
Acq: 26 Aug 2020 17:57

Tgt Ion: 63 Resp: 9371
Ion Ratio Lower Upper
63 100
112 0.0 4.4 6.6#





#42

cis-1,3-Dichloropropene

Concen: 0.413 ug/L

RT: 10.04 min Scan# 1335

Delta R.T. -0.03 min

Lab File: VW016374.D

Acq: 26 Aug 2020 17:57

Instrument :

MSVOA_W

ClientSampleId :

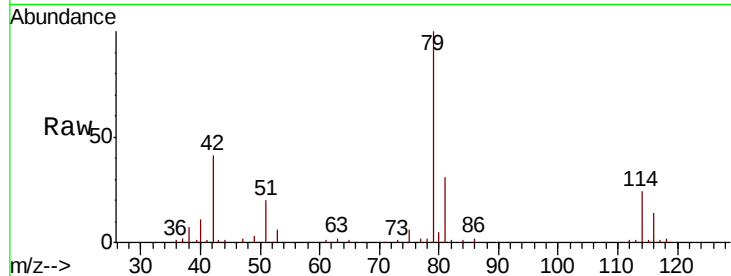
BG3H8

Tot Ion: 75 Resp: 2361

Ion Ratio Lower Upper

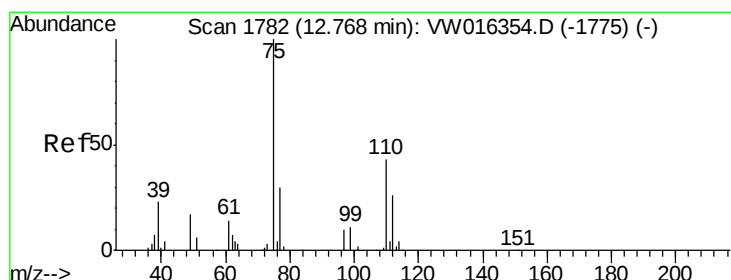
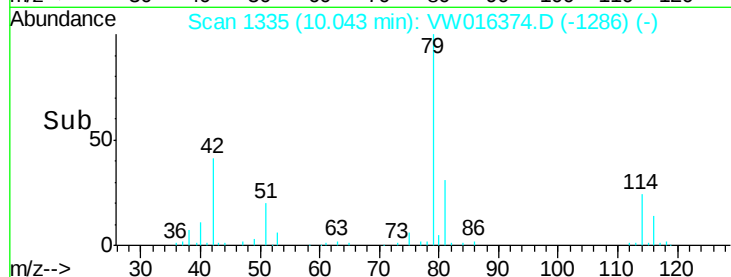
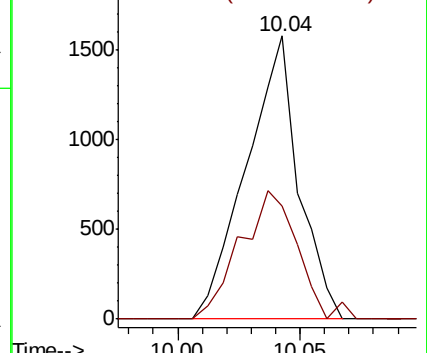
75 100

77 40.0 22.0 40.8



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: 4.978 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW016374.D

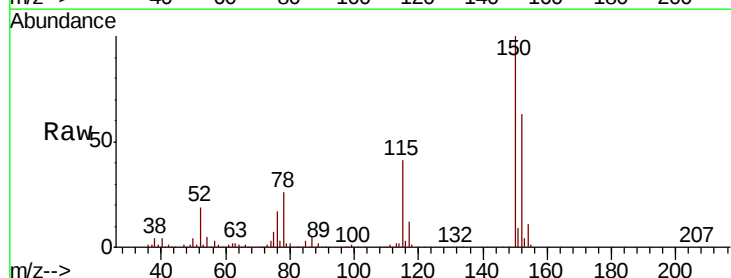
Acq: 26 Aug 2020 17:57

Tgt Ion: 75 Resp: 12403

Ion Ratio Lower Upper

75 100

77 38.9 27.1 40.7



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

