

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW060520\
 Data File : VW015541.D
 Acq On : 05 Jun 2020 15:00
 Operator : SY/VA
 Sample : L2848-08
 Misc : 4.92G/10ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0AG6

Quant Time: Jun 06 04:10:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM052620S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 06 04:08:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	408893	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	361843	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	160977	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	126401	33.73	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	134.92%
7) Chloroethane-d5	2.90	69	97153	26.07	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	104.28%
10) 1,1-Dichloroethene-d2	4.01	63	182843	20.03	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	80.12%
20) 2-Butanone-d5	7.08	46	39289	32.11	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	64.22%
24) Chloroform-d	7.65	84	212081	22.43	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.72%
26) 1,2-Dichloroethane-d4	8.31	65	109916	20.89	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	83.56%
29) Benzene-d6	8.27	84	435242	24.53	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.12%
33) 1,2-Dichloropropane-d6	9.27	67	121683	22.56	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.24%
37) Toluene-d8	10.32	98	402867	23.35	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.40%
38) trans-1,3-Dichloropropene-	10.58	79	50061	20.07	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	80.28%
39) 2-Hexanone-d5	10.93	63	30907	33.10	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	66.20%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	71946	17.72	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	70.88%
61) 1,2-Dichlorobenzene-d4	13.86	152	118267	21.92	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	87.68%

Target Compounds

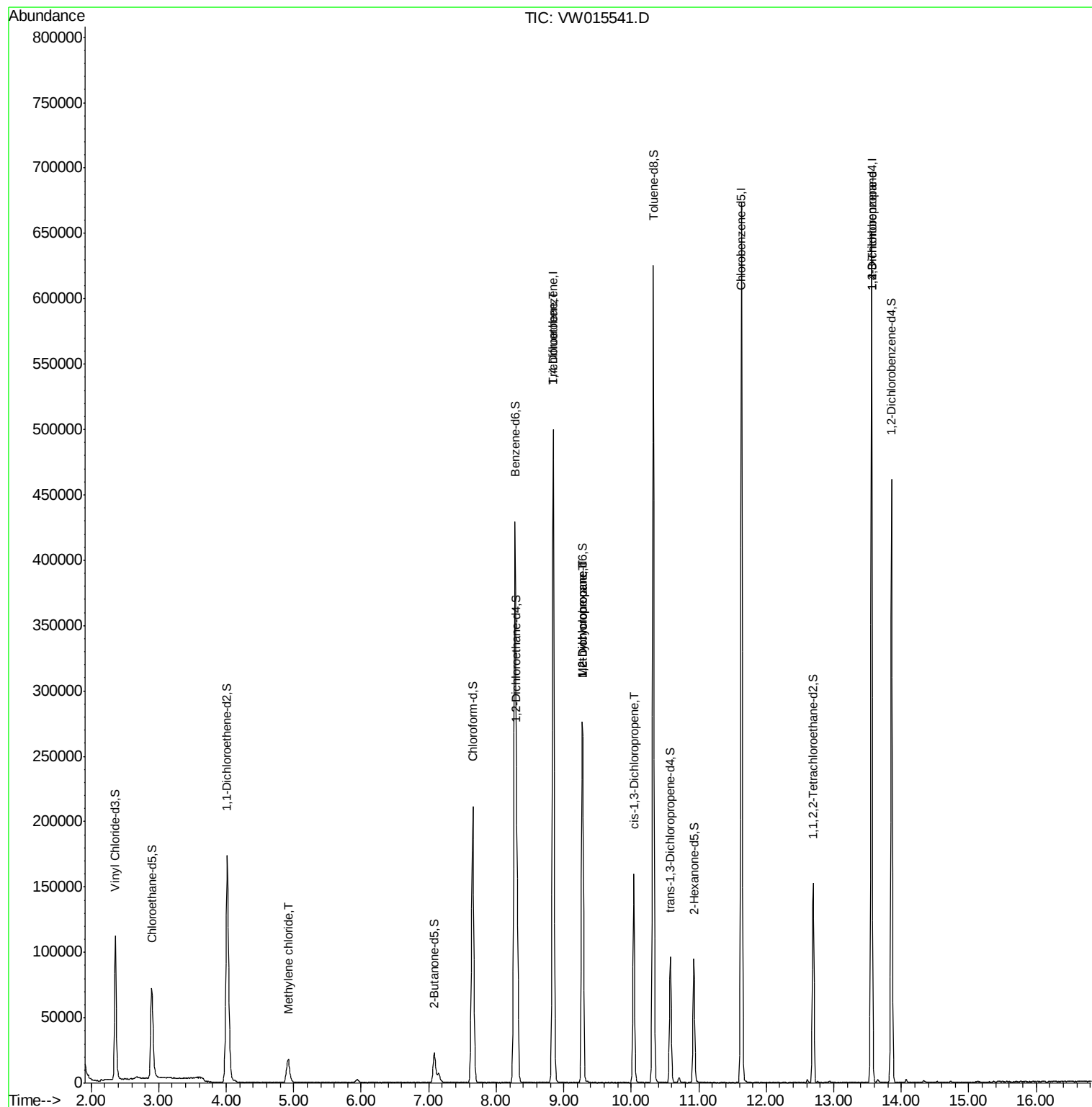
					Ovalue
16) Methylene chloride	4.92	84	14121	2.814 ug/L	96
35) Trichloroethene	8.84	95	12581	2.315 ug/L #	5
36) Methylcyclohexane	9.27	83	29855	3.080 ug/L #	19
40) 1,2-Dichloropropane	9.27	63	14770	2.964 ug/L #	85
42) cis-1,3-Dichloropropene	10.04	75	4206	0.527 ug/L #	64
59) 1,2,3-Trichloropropane	13.56	75	20228	6.610 ug/L	88

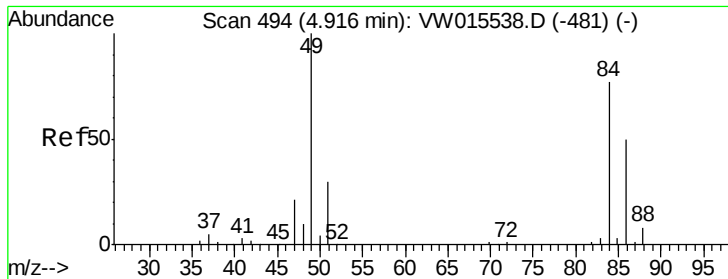
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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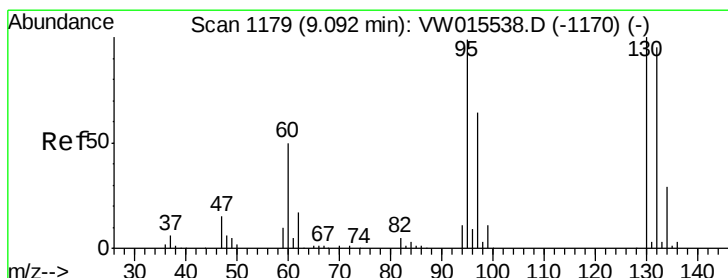
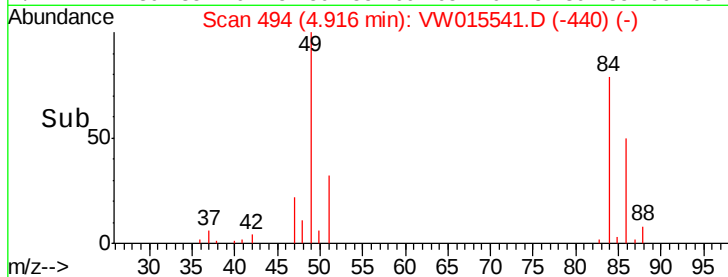
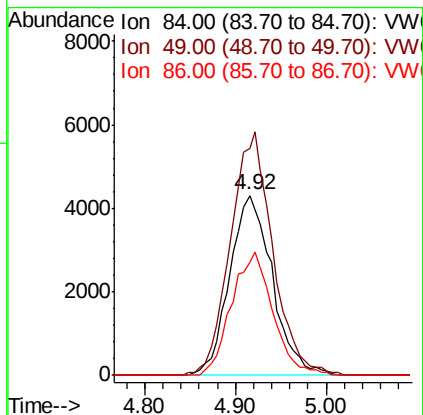
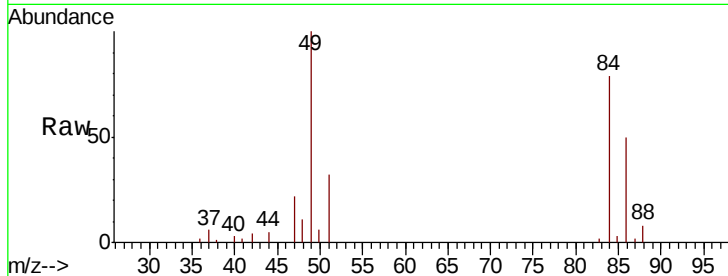




#16
Methvlene chloride
Concen: 2.814 ug/L
RT: 4.92 min Scan# 494
Delta R.T. -0.00 min
Lab File: VW015541.D
Acq: 05 Jun 2020 15:00

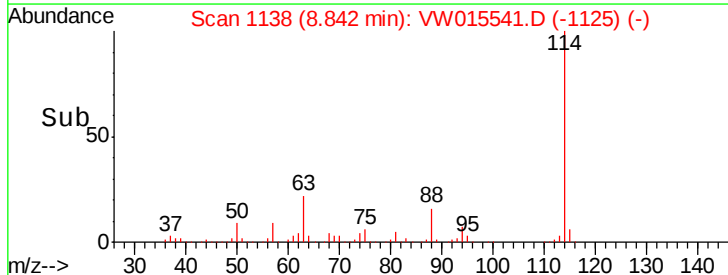
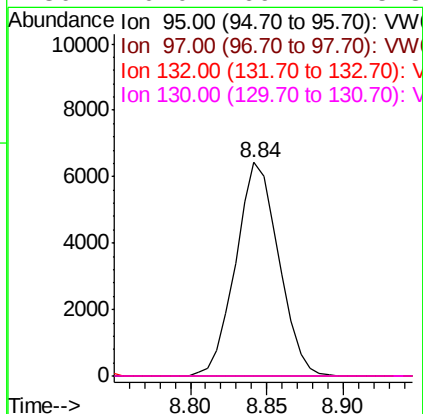
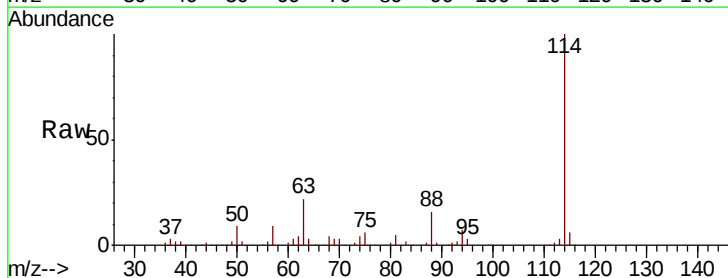
Instrument :
MSVOA_W
ClientSampleId :
C0AG6

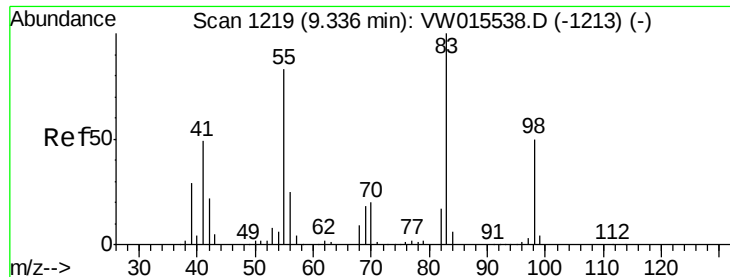
Tot Ion: 84 Resp: 14121
Ion Ratio Lower Upper
84 100
49 125.9 93.0 172.8
86 62.9 44.7 83.1



#35
Trichloroethene
Concen: 2.315 ug/L
RT: 8.84 min Scan# 1138
Delta R.T. -0.25 min
Lab File: VW015541.D
Acq: 05 Jun 2020 15:00

Tgt Ion: 95 Resp: 12581
Ion Ratio Lower Upper
95 100
97 0.0 45.4 84.2#
132 0.0 67.1 124.7#
130 0.0 69.4 128.8#

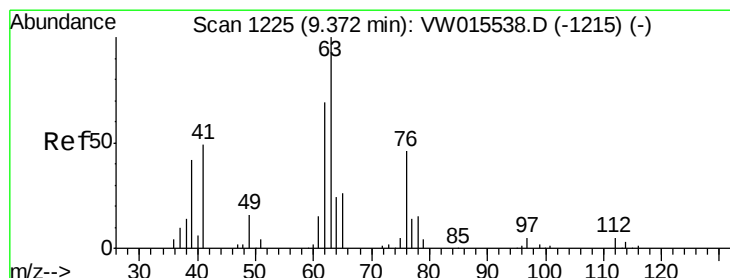
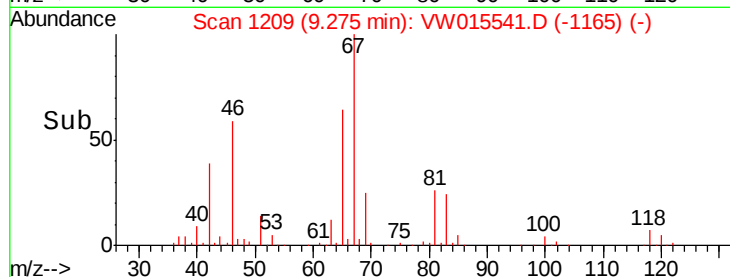
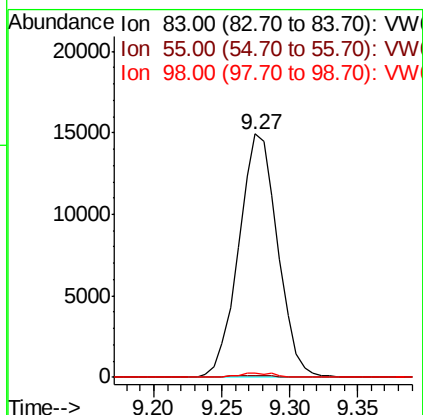
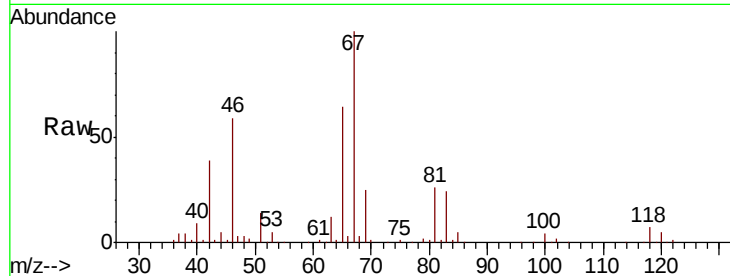




#36
Methvlcvclohexane
Concen: 3.080 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.06 min
Lab File: VW015541.D
Acq: 05 Jun 2020 15:00

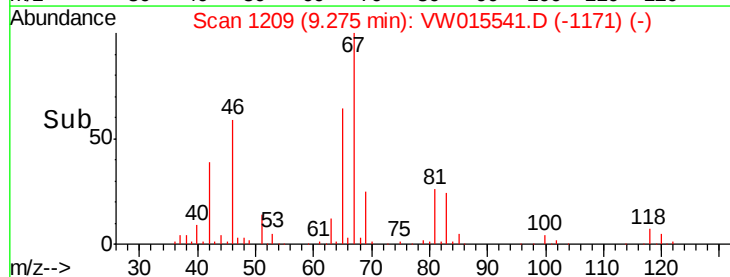
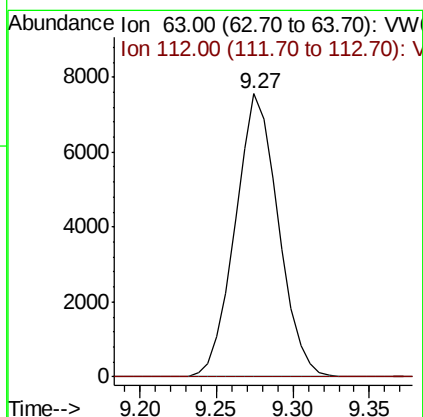
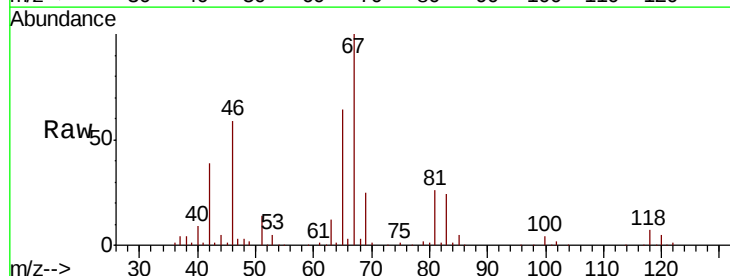
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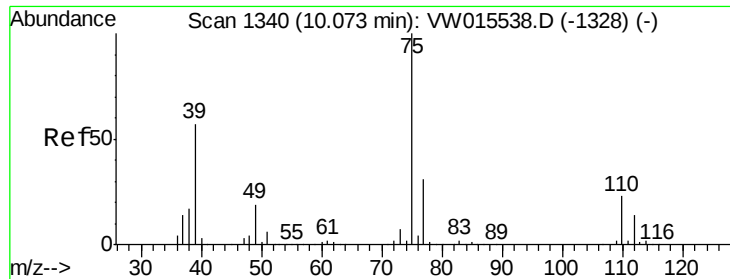
Tot Ion	Ratio	Lower	Upper
83	100		
55	0.8	62.8	94.2#
98	1.7	39.2	58.8#



#40
1,2-Dichloropropane
Concen: 2.964 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.10 min
Lab File: VW015541.D
Acq: 05 Jun 2020 15:00

Tgt Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.8	5.8#





#42

cis-1,3-Dichloropropene

Concen: 0.527 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW015541.D

Acq: 05 Jun 2020 15:00

Instrument :

MSVOA_W

ClientSampled :

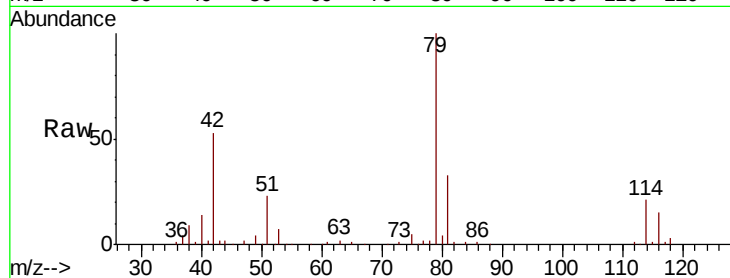
C0AG6

Tot Ion: 75 Resp: 4206

Ion Ratio Lower Upper

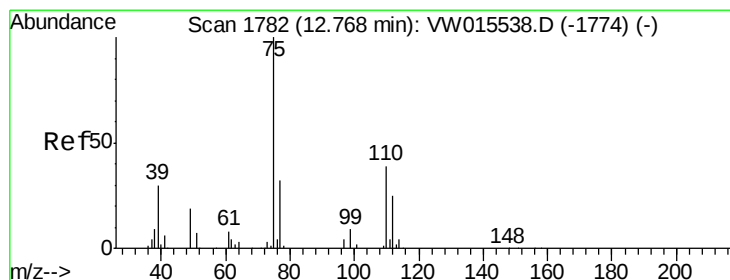
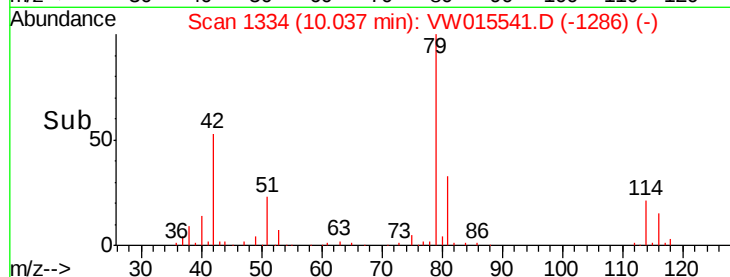
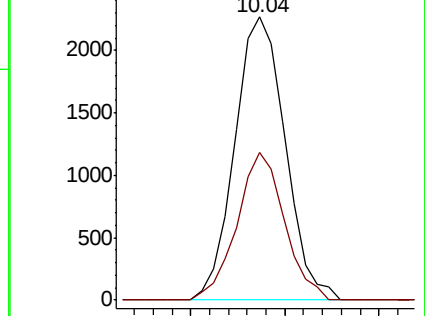
75 100

77 52.0 22.3 41.5#



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: 6.610 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW015541.D

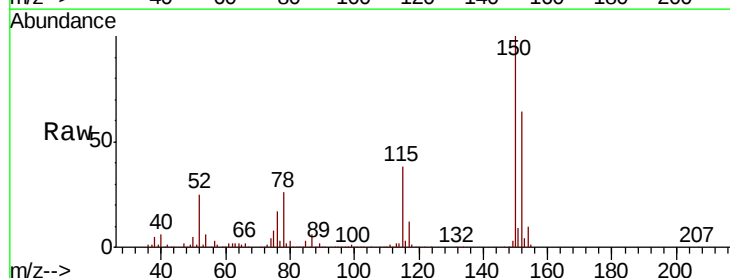
Acq: 05 Jun 2020 15:00

Tgt Ion: 75 Resp: 20228

Ion Ratio Lower Upper

75 100

77 38.9 25.9 38.9



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

