

Data File : VW017434.D
Acq On : 20 Nov 2020 22:38
Operator : SY/VA
Sample : L4819-13
Misc : 4.86G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0BB0

Quant Time: Nov 21 02:28:54 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111820S.M
Quant Title : VOC Analysis
QLast Update : Sat Nov 21 02:27:17 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	311064	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	283727	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	138305	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	80784	17.54	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.16%
7) Chloroethane-d5	2.89	69	71014	19.41	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.64%
10) 1,1-Dichloroethene-d2	4.01	63	117380	14.57	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	58.28%
20) 2-Butanone-d5	7.08	46	32696	43.23	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	86.46%
24) Chloroform-d	7.65	84	170417	20.85	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	83.40%
26) 1,2-Dichloroethane-d4	8.31	65	87918	22.27	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	89.08%
29) Benzene-d6	8.27	84	336047	21.01	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	84.04%
33) 1,2-Dichloropropane-d6	9.27	67	91321	21.43	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	85.72%
37) Toluene-d8	10.32	98	318862	21.18	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	84.72%
38) trans-1,3-Dichloropropene-	10.58	79	38308	20.65	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.60%
39) 2-Hexanone-d5	10.93	63	25766	45.10	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.20%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	73752	22.84	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	91.36%
61) 1,2-Dichlorobenzene-d4	13.85	152	116516	22.82	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.28%

Target Compounds

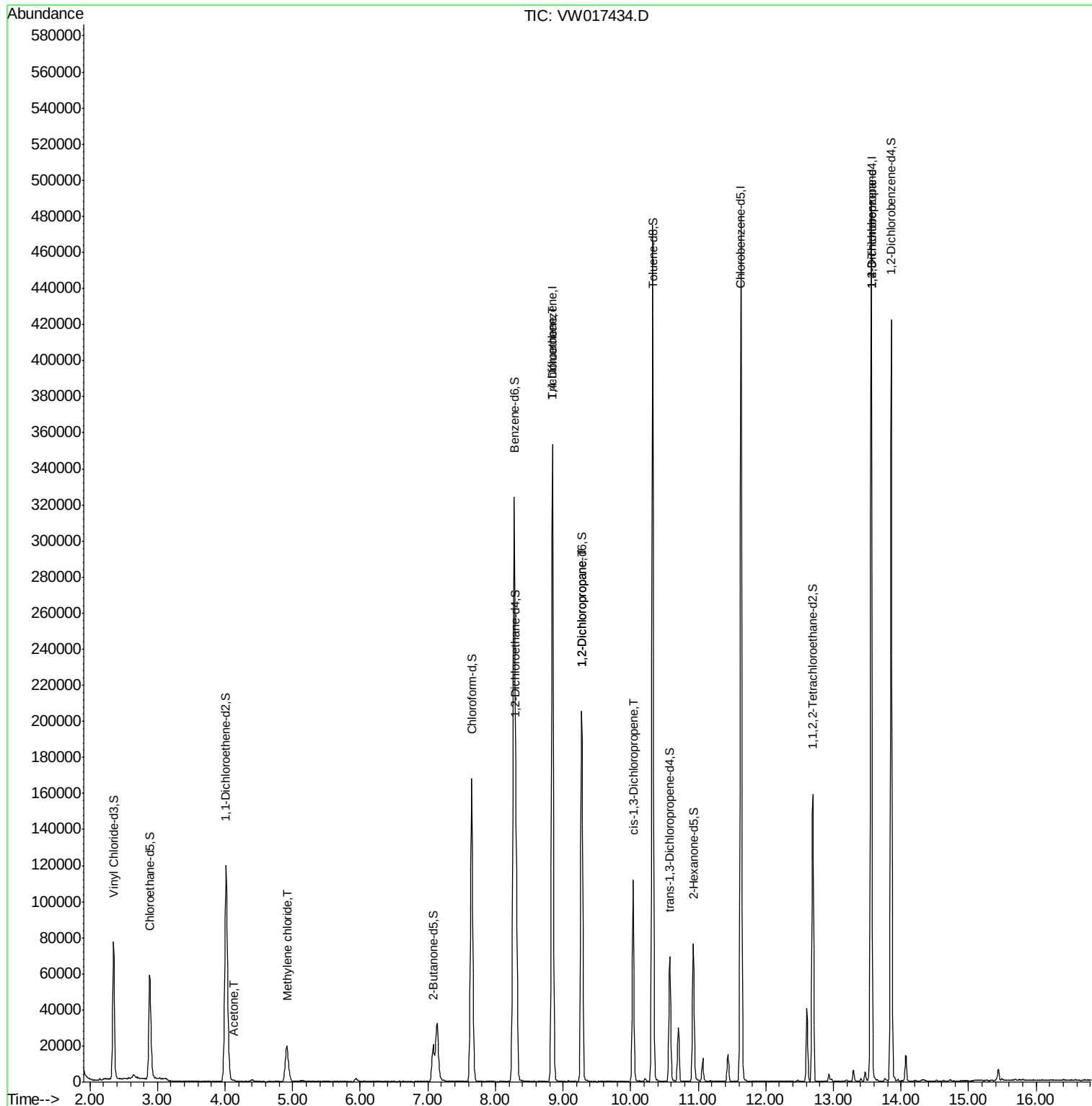
					Qvalue
13) Acetone	4.12	43	602	1.091 ug/L	80
16) Methylene chloride	4.91	84	17276	3.247 ug/L	98
35) Trichloroethene	8.84	95	9215	2.032 ug/L #	2
40) 1,2-Dichloropropane	9.27	63	11557	3.188 ug/L #	84
42) cis-1,3-Dichloropropene	10.04	75	3387	0.602 ug/L #	75
59) 1,2,3-Trichloropropane	13.56	75	15341	6.867 ug/L	100

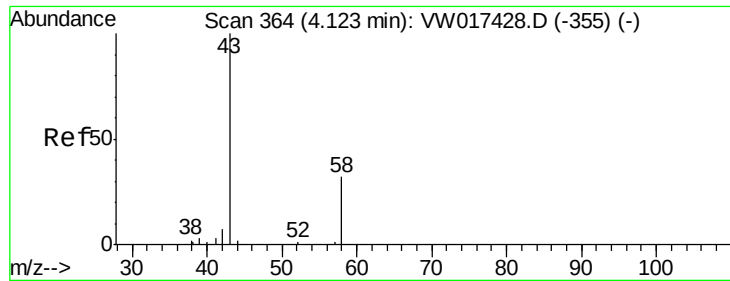
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.091 ug/L

RT: 4.12 min Scan# 364

Delta R.T. -0.00 min

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MSVOA_W

ClientSampleId :

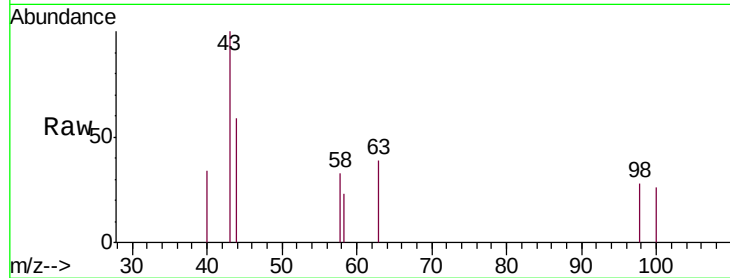
C0BB0

Tgt Ion: 43 Resp: 602

Ion Ratio Lower Upper

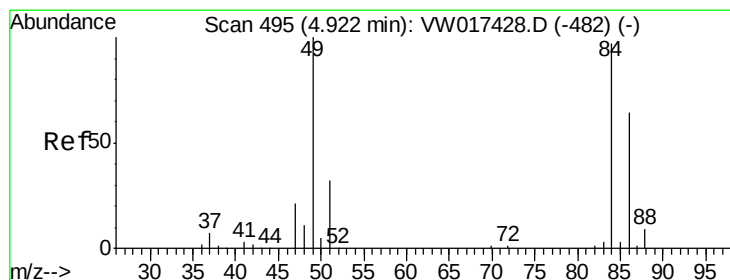
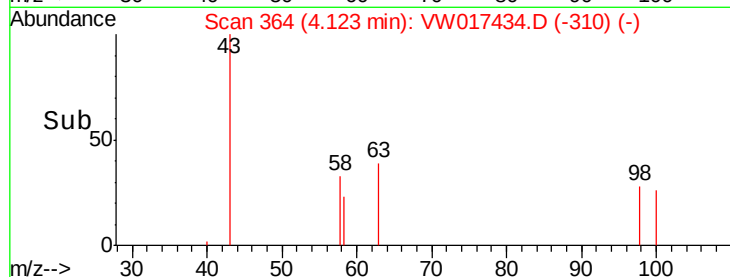
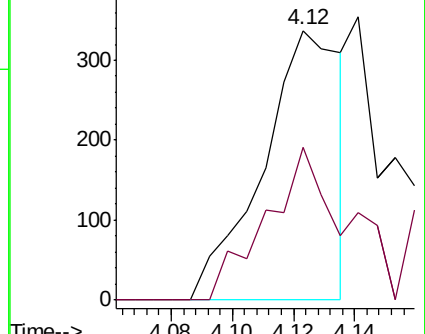
43 100

58 44.9 0.0 67.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 3.247 ug/L

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

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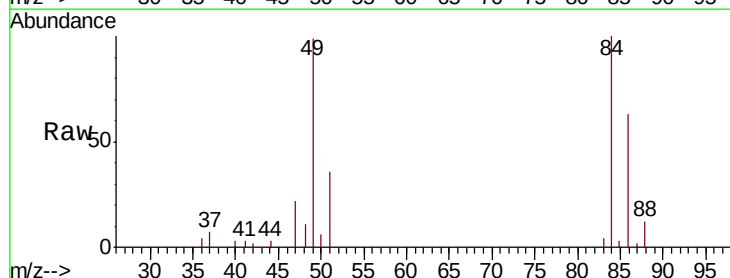
Tgt Ion: 84 Resp: 17276

Ion Ratio Lower Upper

84 100

49 99.4 71.5 132.9

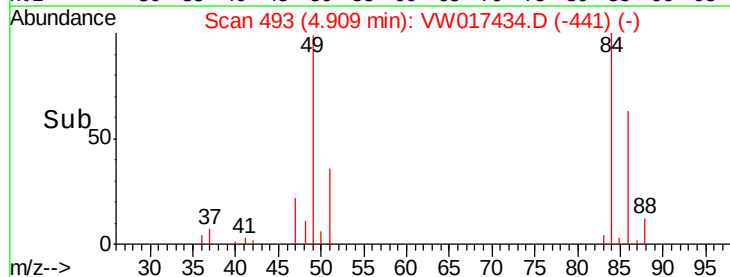
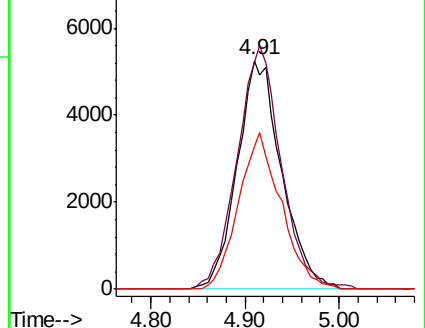
86 62.6 42.8 79.4

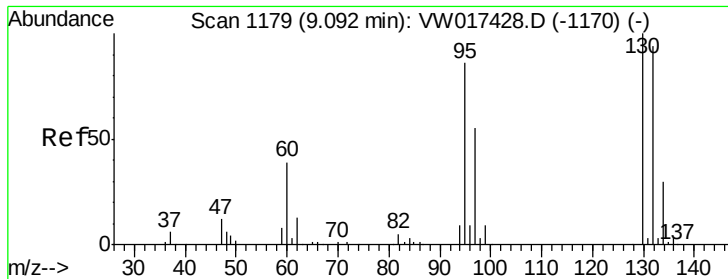


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW





#35

Trichloroethene

Concen: 2.032 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.25 min

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Instrument :

MSVOA_W

ClientSampleId :

C0BB0

Tgt Ion: 95 Resp: 9215

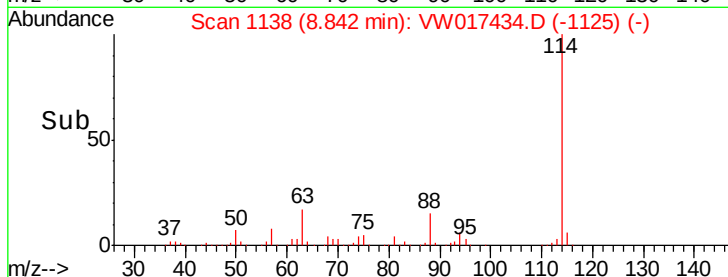
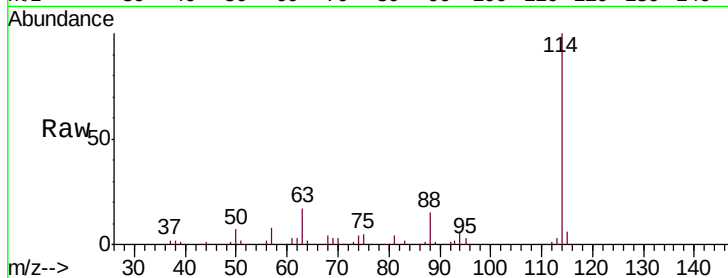
Ion Ratio Lower Upper

95 100

97 0.0 44.7 82.9#

132 0.0 72.7 134.9#

130 0.0 76.1 141.3#

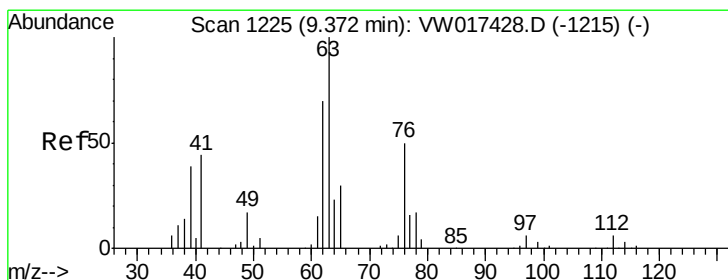
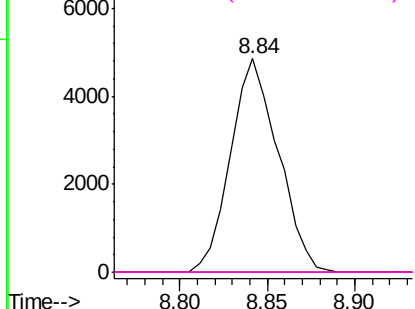


Abundance Ion 95.00 (94.70 to 95.70): VW

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: 3.188 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.10 min

Lab File: VW017434.D

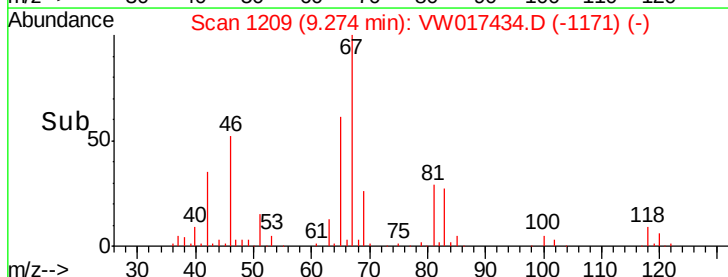
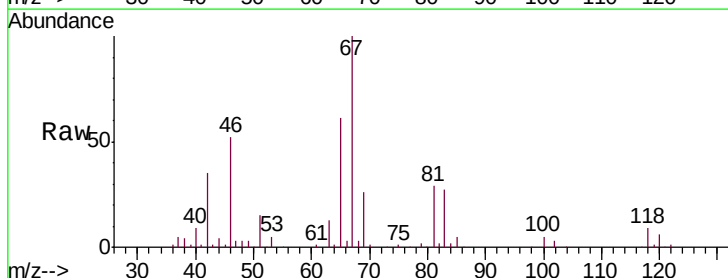
Acq: 20 Nov 2020 22:38

Tgt Ion: 63 Resp: 11557

Ion Ratio Lower Upper

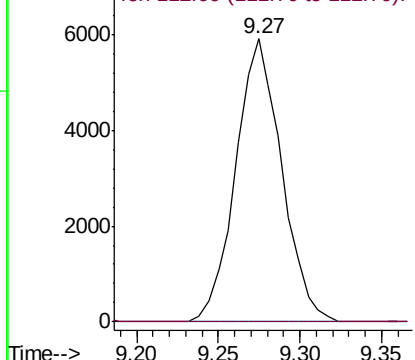
63 100

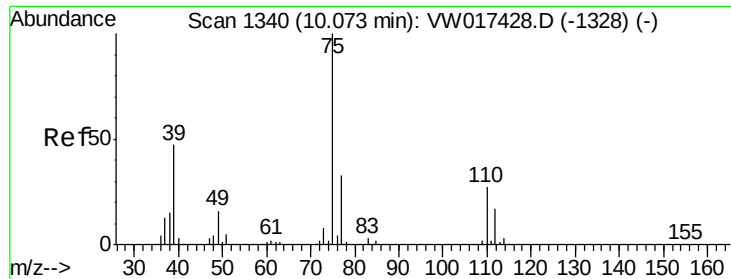
112 0.0 4.2 6.4#



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: 0.602 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW017434.D

Acq: 20 Nov 2020 22:38

Instrument :

MSVOA_W

ClientSampled :

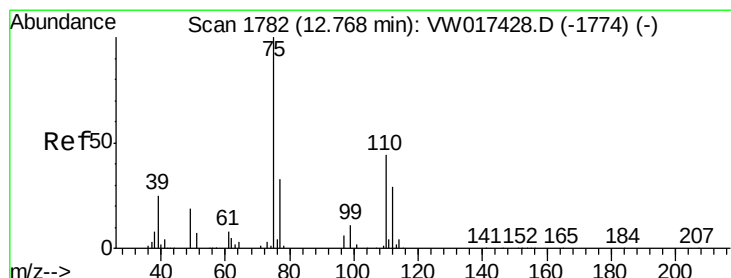
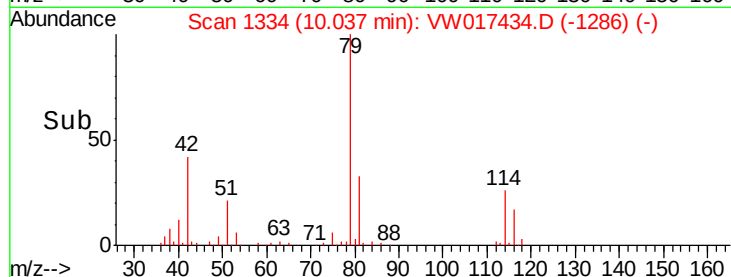
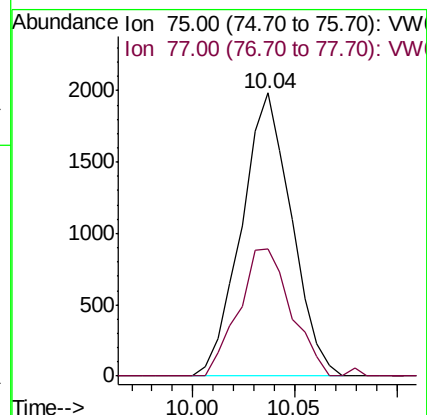
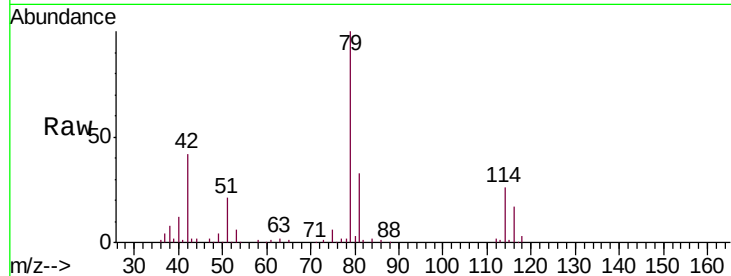
C0BB0

Tgt Ion: 75 Resp: 3387

Ion Ratio Lower Upper

75 100

77 44.8 21.8 40.4#



#59

1,2,3-Trichloropropane

Concen: 6.867 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW017434.D

Acq: 20 Nov 2020 22:38

Tgt Ion: 75 Resp: 15341

Ion Ratio Lower Upper

75 100

77 33.0 26.6 40.0

