

Data File : VW017372.D
Acq On : 19 Nov 2020 15:23
Operator : SY/VA
Sample : L4793-06
Misc : 5.06G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0BA8

Quant Time: Nov 20 01:21:10 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111820S.M
Quant Title : VOC Analysis
QLast Update : Fri Nov 20 01:18:11 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	364246	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	334526	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	160294	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	120768	22.39	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.56%
7) Chloroethane-d5	2.89	69	97507	22.76	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.04%
10) 1,1-Dichloroethene-d2	4.02	63	154441	16.37	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	65.48%
20) 2-Butanone-d5	7.08	46	33287	37.59	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	75.18%
24) Chloroform-d	7.65	84	209508	21.89	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.56%
26) 1,2-Dichloroethane-d4	8.31	65	99092	21.43	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	85.72%
29) Benzene-d6	8.27	84	411821	21.84	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	87.36%
33) 1,2-Dichloropropane-d6	9.27	67	111147	22.12	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	88.48%
37) Toluene-d8	10.33	98	386564	21.77	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.08%
38) trans-1,3-Dichloropropene-	10.58	79	43391	19.84	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	79.36%
39) 2-Hexanone-d5	10.93	63	25314	37.58	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	75.16%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	78746	20.68	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	82.72%
61) 1,2-Dichlorobenzene-d4	13.85	152	130653	22.08	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.32%

Target Compounds

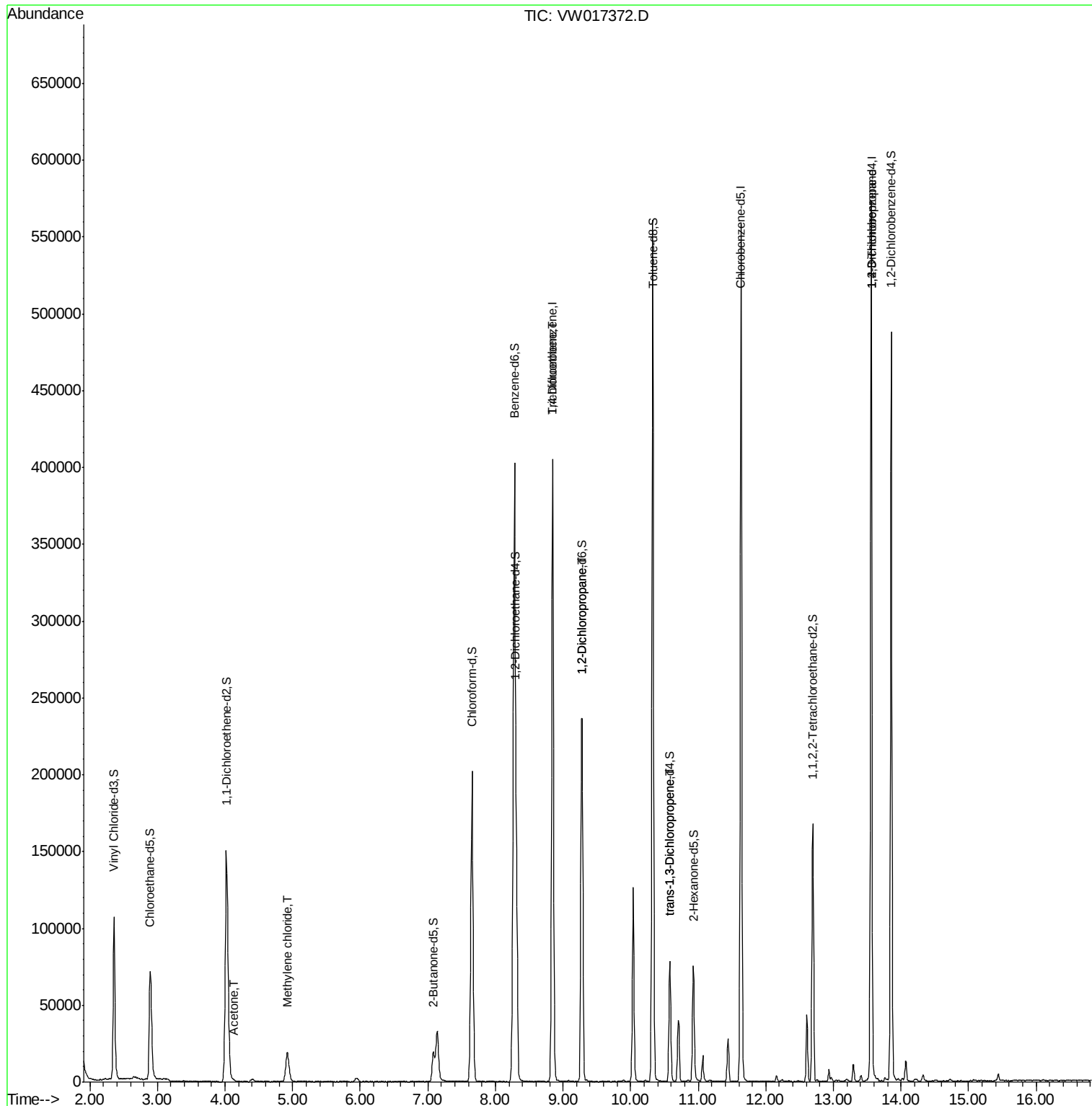
					Qvalue
13) Acetone	4.13	43	530	0.820 ug/L	98
16) Methylene chloride	4.93	84	17363	2.787 ug/L	98
35) Trichloroethene	8.84	95	10205	1.909 ug/L #	2
40) 1,2-Dichloropropane	9.28	63	13070	3.058 ug/L #	85
45) trans-1,3-Dichloropropene	10.58	75	2241	0.399 ug/L #	75
59) 1,2,3-Trichloropropane	13.55	75	16807	6.380 ug/L	99

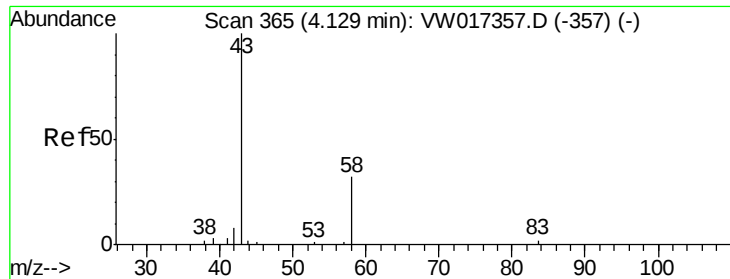
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 0.820 ug/L

RT: 4.13 min Scan# 365

Delta R.T. 0.00 min

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Instrument :

MSVOA_W

ClientSampleId :

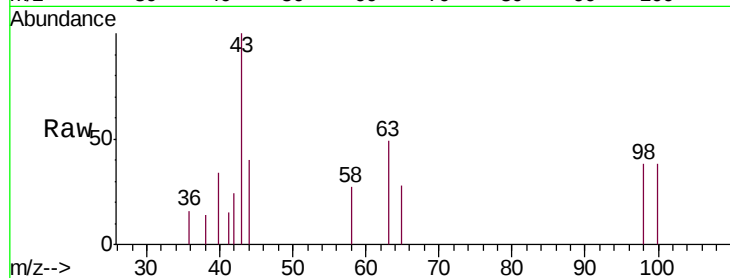
C0BA8

Tgt Ion: 43 Resp: 530

Ion Ratio Lower Upper

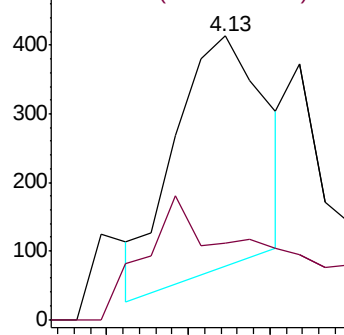
43 100

58 34.5 0.0 67.0

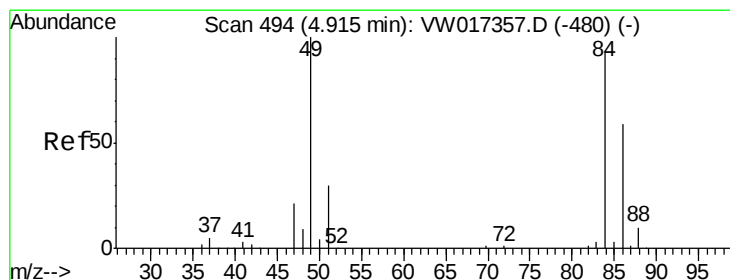
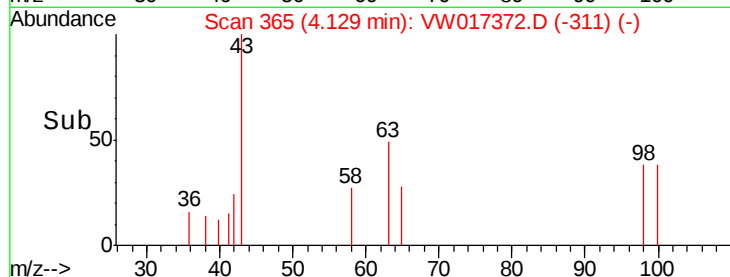


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



Time-->



#16

Methylene chloride

Concen: 2.787 ug/L

RT: 4.93 min Scan# 496

Delta R.T. 0.01 min

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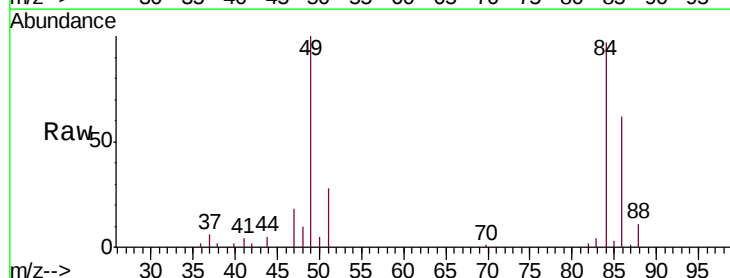
Tgt Ion: 84 Resp: 17363

Ion Ratio Lower Upper

84 100

49 102.9 71.5 132.9

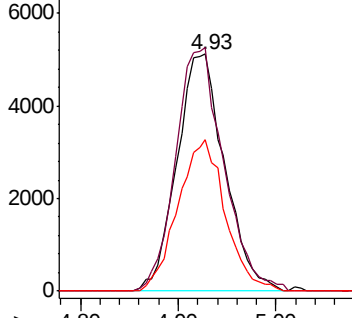
86 64.2 42.8 79.4



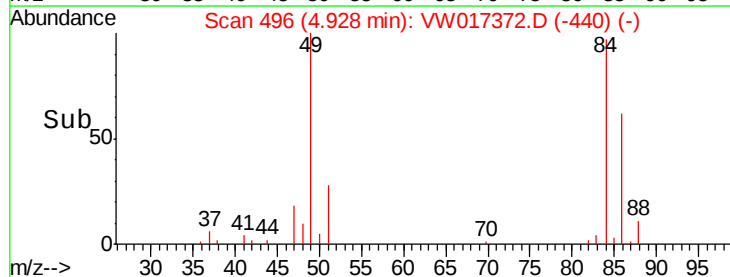
Abundance Ion 84.00 (83.70 to 84.70): VW

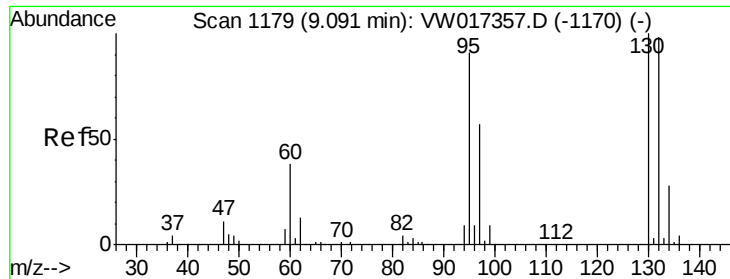
Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW



Time-->





#35

Trichloroethene

Concen: 1.909 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.25 min

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ClientSampleId :

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Tgt Ion: 95 Resp: 10205

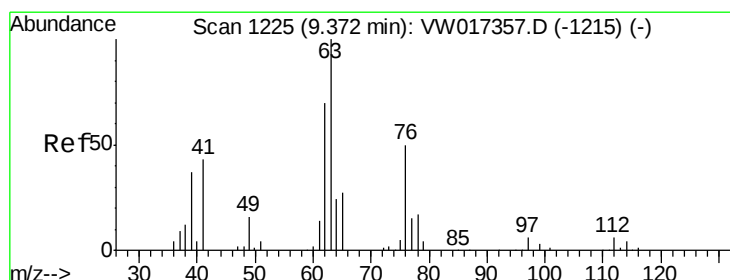
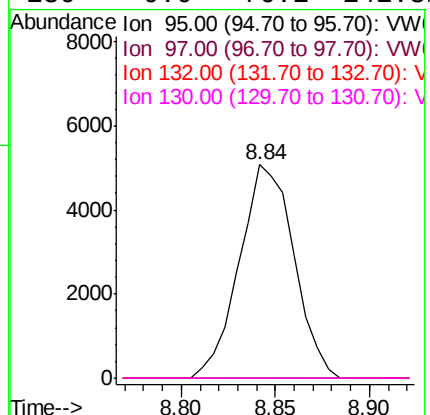
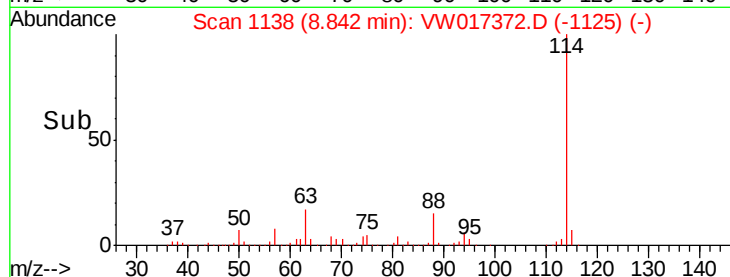
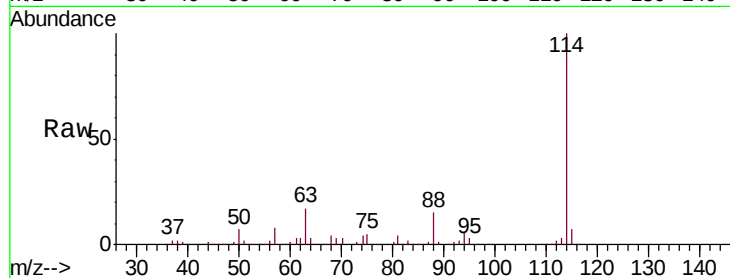
Ion Ratio Lower Upper

95 100

97 0.0 44.7 82.9#

132 0.0 72.7 134.9#

130 0.0 76.1 141.3#



#40

1,2-Dichloropropane

Concen: 3.058 ug/L

RT: 9.28 min Scan# 1210

Delta R.T. -0.09 min

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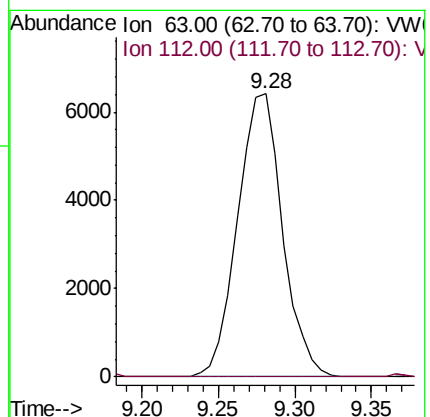
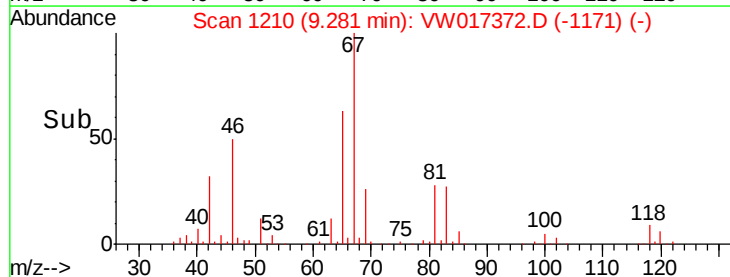
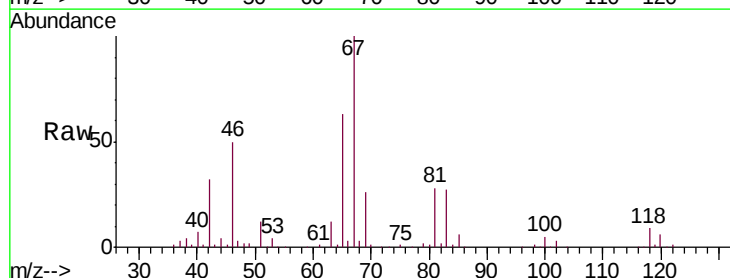
Acq: 19 Nov 2020 15:23

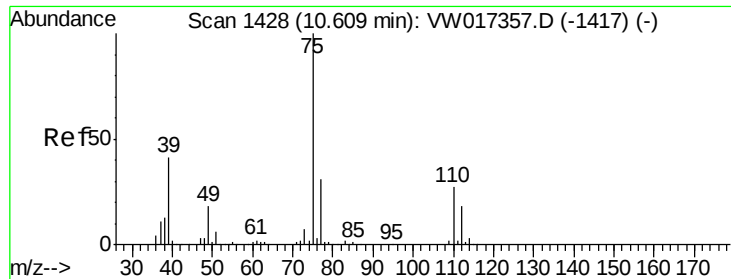
Tgt Ion: 63 Resp: 13070

Ion Ratio Lower Upper

63 100

112 0.3 4.2 6.4#





#45

trans-1,3-Dichloropropene

Concen: 0.399 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.03 min

Lab File: VW017372.D

Acq: 19 Nov 2020 15:23

Instrument :

MSVOA_W

ClientSampleId :

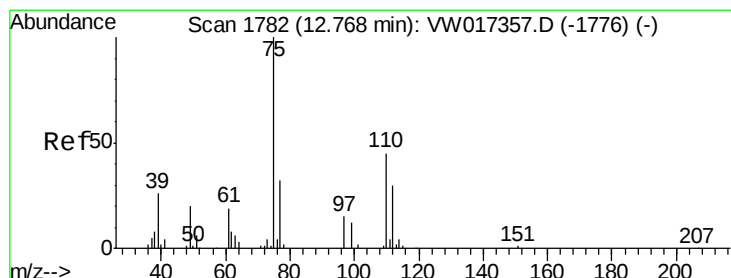
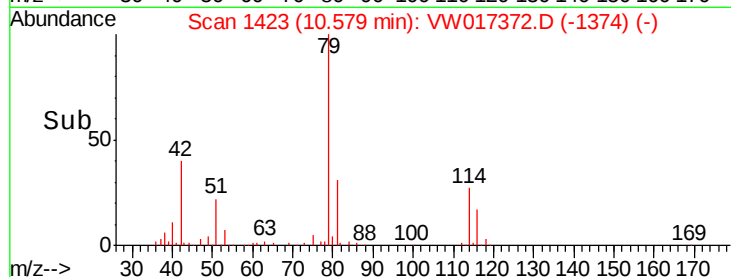
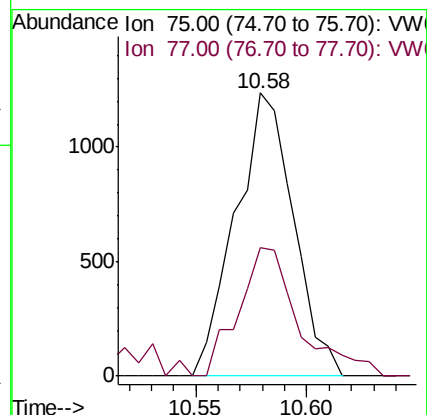
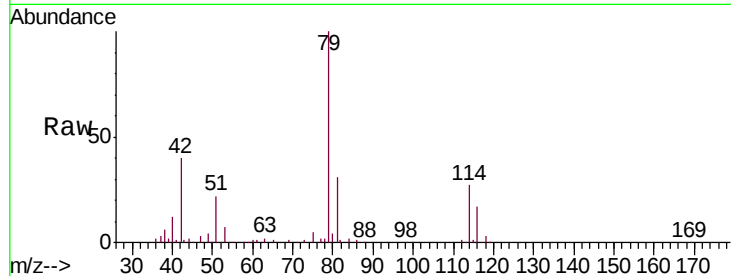
C0BA8

Tgt Ion: 75 Resp: 2241

Ion Ratio Lower Upper

75 100

77 45.4 22.0 40.8#



#59

1,2,3-Trichloropropane

Concen: 6.380 ug/L

RT: 13.55 min Scan# 1911

Delta R.T. 0.79 min

Lab File: VW017372.D

Acq: 19 Nov 2020 15:23

Tgt Ion: 75 Resp: 16807

Ion Ratio Lower Upper

75 100

77 33.8 26.6 40.0

