

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011421\
 Data File : VW017872.D
 Acq On : 14 Jan 2021 12:09
 Operator : SY/VA
 Sample : M1127-01RE
 Misc : 3.23G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jan 14 21:45:31 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122420S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jan 14 21:44:45 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	502766	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	436033	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	187343	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	137765	17.71	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.84%
7) Chloroethane-d5	2.89	69	117586	18.32	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.28%
10) 1,1-Dichloroethene-d2	4.01	63	185043	13.65	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	54.60%
20) 2-Butanone-d5	7.08	46	40427	32.06	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	64.12%
24) Chloroform-d	7.65	84	235124	17.90	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	71.60%
26) 1,2-Dichloroethane-d4	8.31	65	124861	18.36	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	73.44%
29) Benzene-d6	8.27	84	461545	18.79	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	75.16%
33) 1,2-Dichloropropane-d6	9.27	67	132390	19.55	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	78.20%
37) Toluene-d8	10.32	98	421682	17.88	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	71.52%
38) trans-1,3-Dichloropropene-	10.58	79	49999	16.57	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	66.28%
39) 2-Hexanone-d5	10.93	63	28264	33.24	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	66.48%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	83853	16.68	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	66.72%
61) 1,2-Dichlorobenzene-d4	13.85	152	111045	17.02	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	68.08%#

Target Compounds

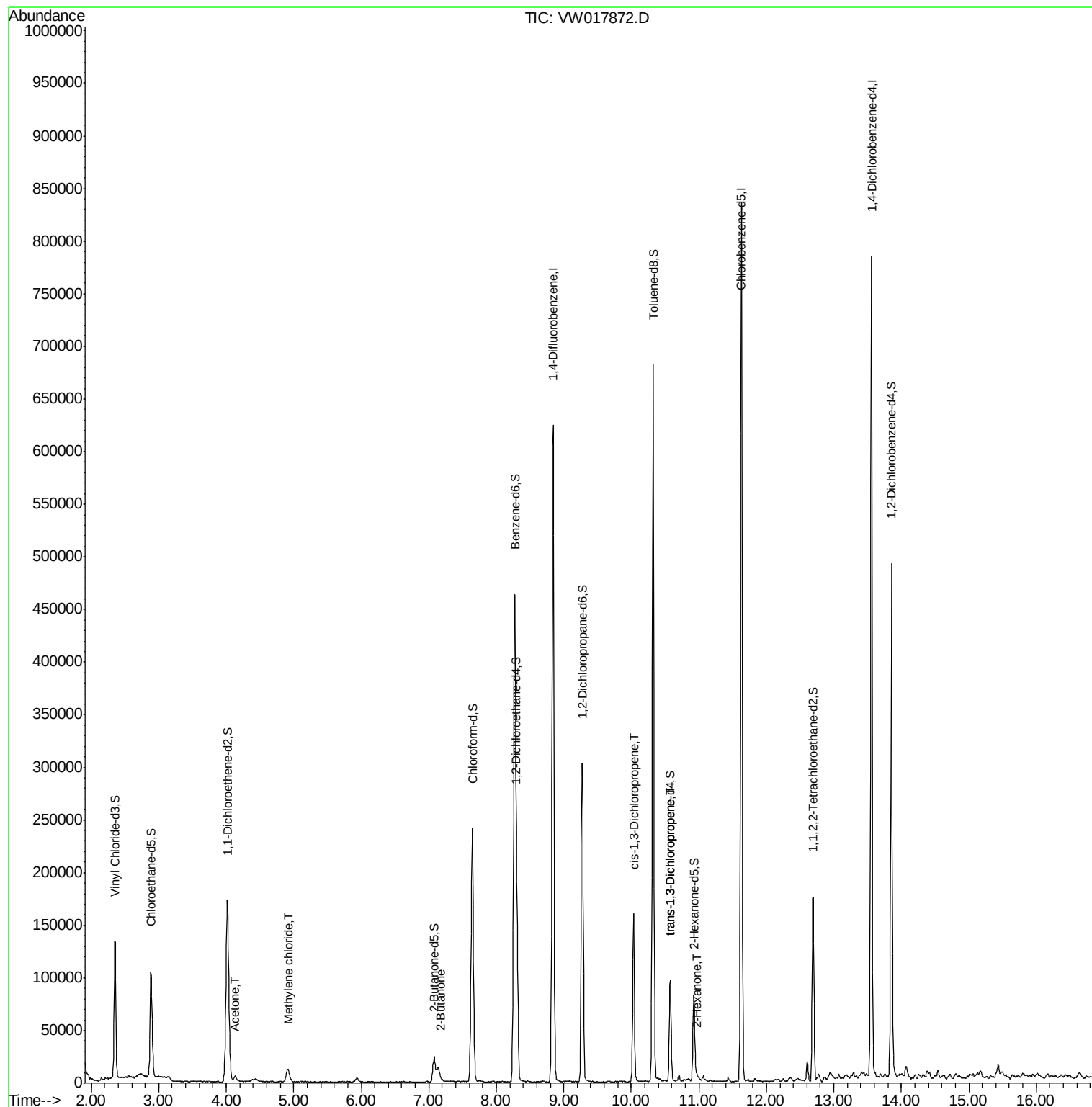
					Ovalue
13) Acetone	4.14	43	10118	9.293 ug/L	96
16) Methylene chloride	4.92	84	9591	1.334 ug/L	91
21) 2-Butanone	7.18	43	1478	1.009 ug/L	85
42) cis-1,3-Dichloropropene	10.03	75	4570	0.487 ug/L #	64
45) trans-1,3-Dichloropropene	10.58	75	2893	0.362 ug/L	100
49) 2-Hexanone	10.97	43	1619	0.798 ug/L #	91

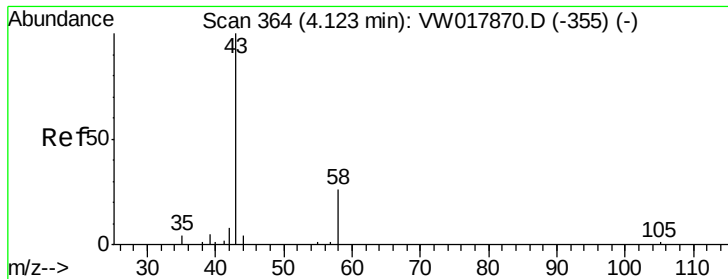
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 9.293 ug/L

RT: 4.14 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW017872.D

Acq: 14 Jan 2021 12:09

Instrument :

MSVOA_W

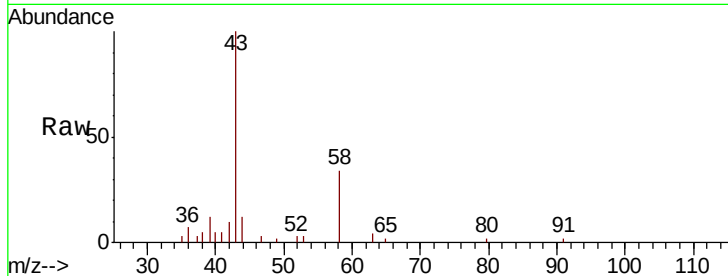
ClientSampled :

Tot Ion: 43 Resp: 10118

Ion Ratio Lower Upper

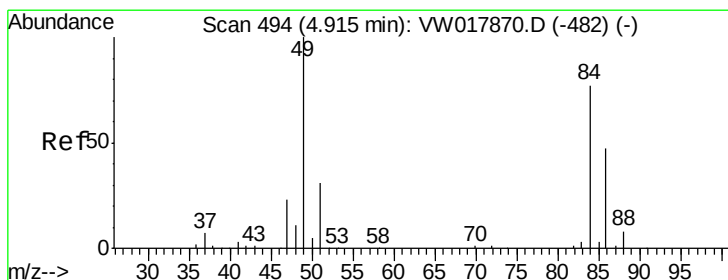
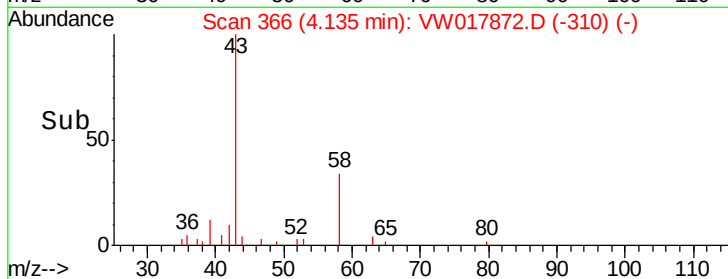
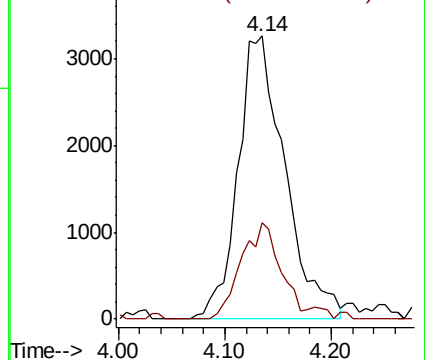
43 100

58 28.3 0.0 60.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 1.334 ug/L

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

Lab File: VW017872.D

Acq: 14 Jan 2021 12:09

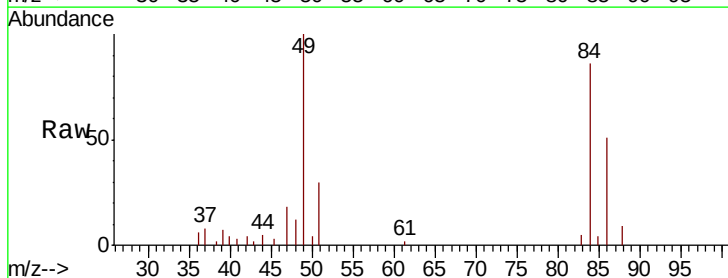
Tgt Ion: 84 Resp: 9591

Ion Ratio Lower Upper

84 100

49 116.5 90.5 168.1

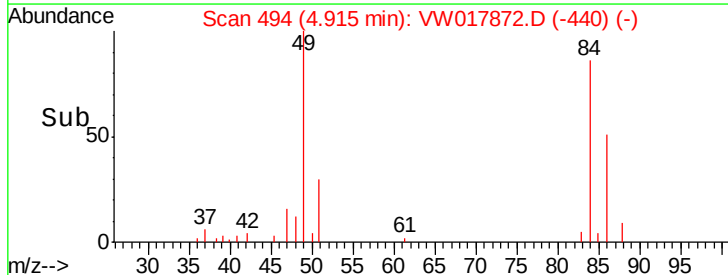
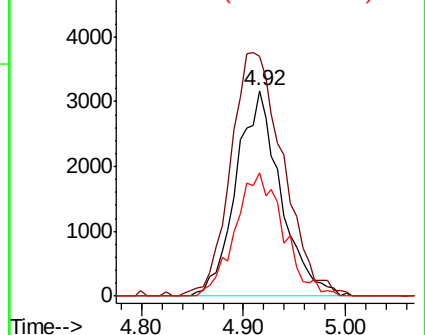
86 59.9 44.8 83.2

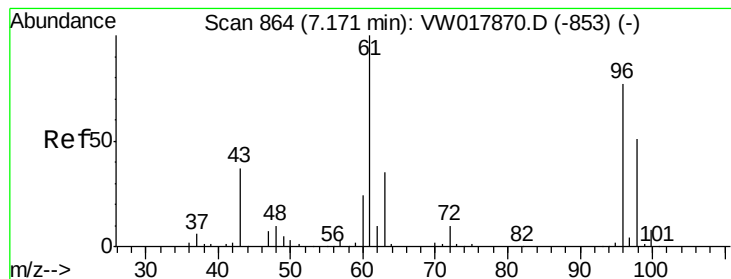


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW





#21

2-Butanone

Concen: 1.009 ug/L

RT: 7.18 min Scan# 865

Delta R.T. 0.01 min

Lab File: VW017872.D

Acq: 14 Jan 2021 12:09

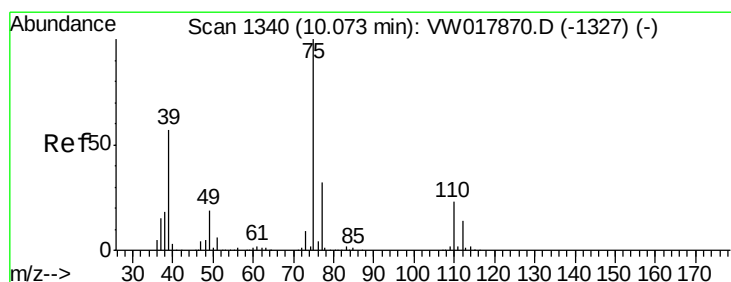
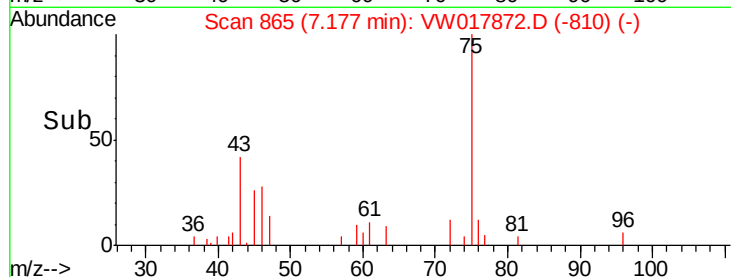
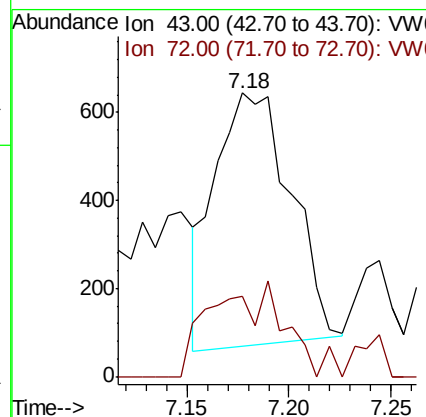
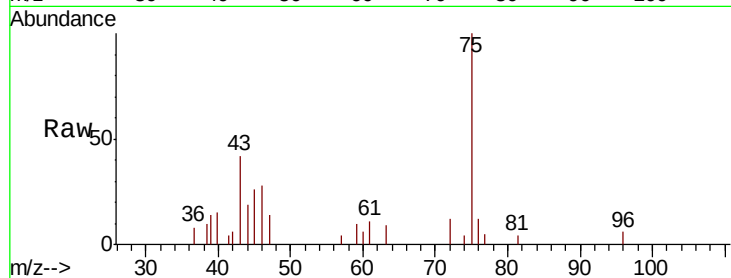
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 43 Resp: 1478

Ion Ratio Lower Upper

43 100

72 22.5 15.4 46.2



#42

cis-1,3-Dichloropropene

Concen: 0.487 ug/L

RT: 10.03 min Scan# 1333

Delta R.T. -0.04 min

Lab File: VW017872.D

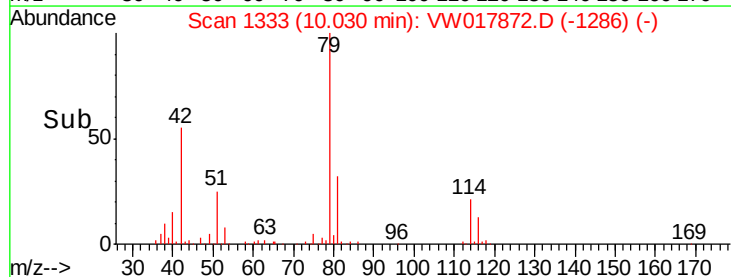
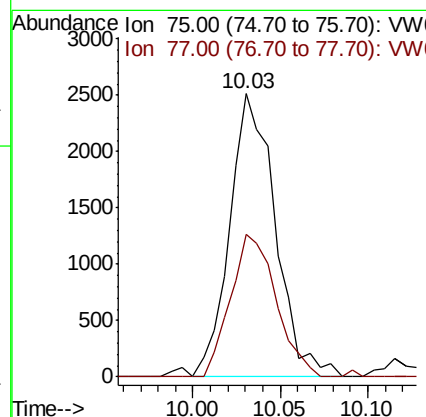
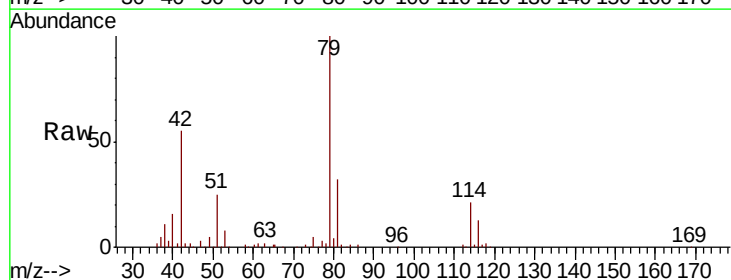
Acq: 14 Jan 2021 12:09

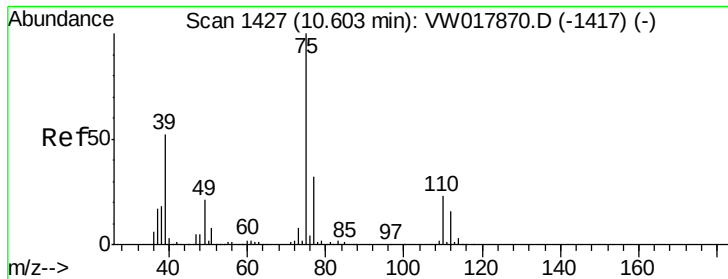
Tgt Ion: 75 Resp: 4570

Ion Ratio Lower Upper

75 100

77 50.4 21.6 40.2#





#45

trans-1,3-Dichloropropene

Concen: 0.362 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.02 min

Lab File: VW017872.D

Acq: 14 Jan 2021 12:09

Instrument :

MSVOA_W

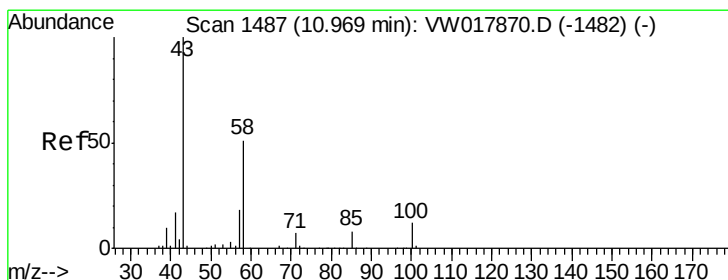
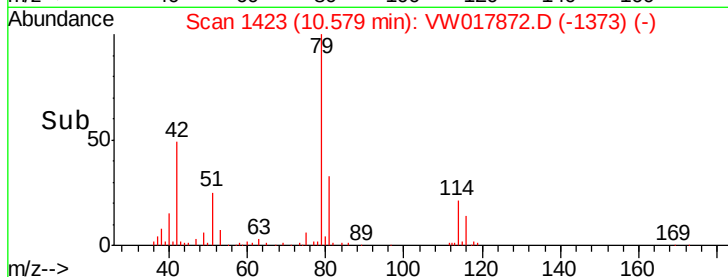
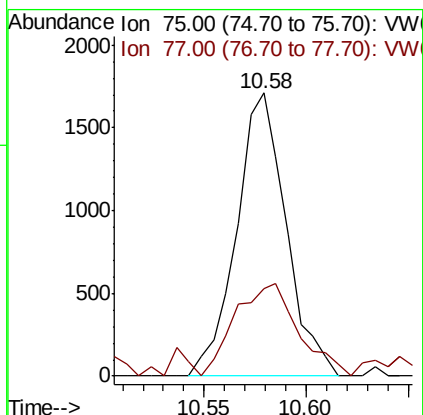
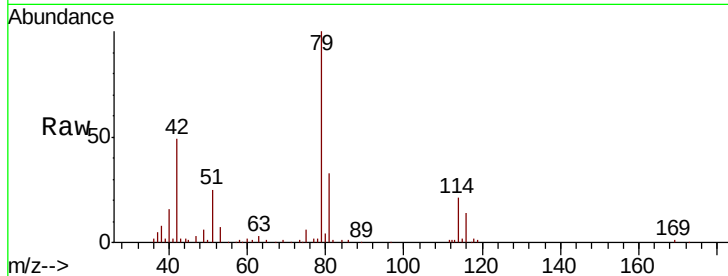
ClientSampleId :

Tot Ion: 75 Resp: 2893

Ion Ratio Lower Upper

75 100

77 30.8 21.6 40.0



#49

2-Hexanone

Concen: 0.798 ug/L

RT: 10.97 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VW017872.D

Acq: 14 Jan 2021 12:09

Tgt Ion: 43 Resp: 1619

Ion Ratio Lower Upper

43 100

58 50.5 44.2 66.4

57 14.9 16.1 24.1#

100 8.6 11.0 16.4#

