

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110620\
 Data File : VW017099.D
 Acq On : 06 Nov 2020 14:40
 Operator : SY/VA
 Sample : L4659-02
 Misc : 5.61G/10ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 07 04:34:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Nov 07 04:26:24 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	551850	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	503027	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	230629	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	168257	24.21	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.84%
7) Chloroethane-d5	2.90	69	130301	24.33	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.32%
10) 1,1-Dichloroethene-d2	4.03	63	226658	18.23	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	72.92%
20) 2-Butanone-d5	7.08	46	47732	30.71	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	61.42%
24) Chloroform-d	7.65	84	298471	23.17	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.68%
26) 1,2-Dichloroethane-d4	8.31	65	139941	21.85	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	87.40%
29) Benzene-d6	8.28	84	623925	24.36	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.44%
33) 1,2-Dichloropropane-d6	9.28	67	165461	23.35	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.40%
37) Toluene-d8	10.33	98	584046	24.18	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.72%
38) trans-1,3-Dichloropropene-	10.59	79	65510	20.51	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.04%
39) 2-Hexanone-d5	10.93	63	38409	31.06	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	62.12%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	114059	18.48	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	73.92%
61) 1,2-Dichlorobenzene-d4	13.85	152	192766	23.72	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.88%

Target Compounds

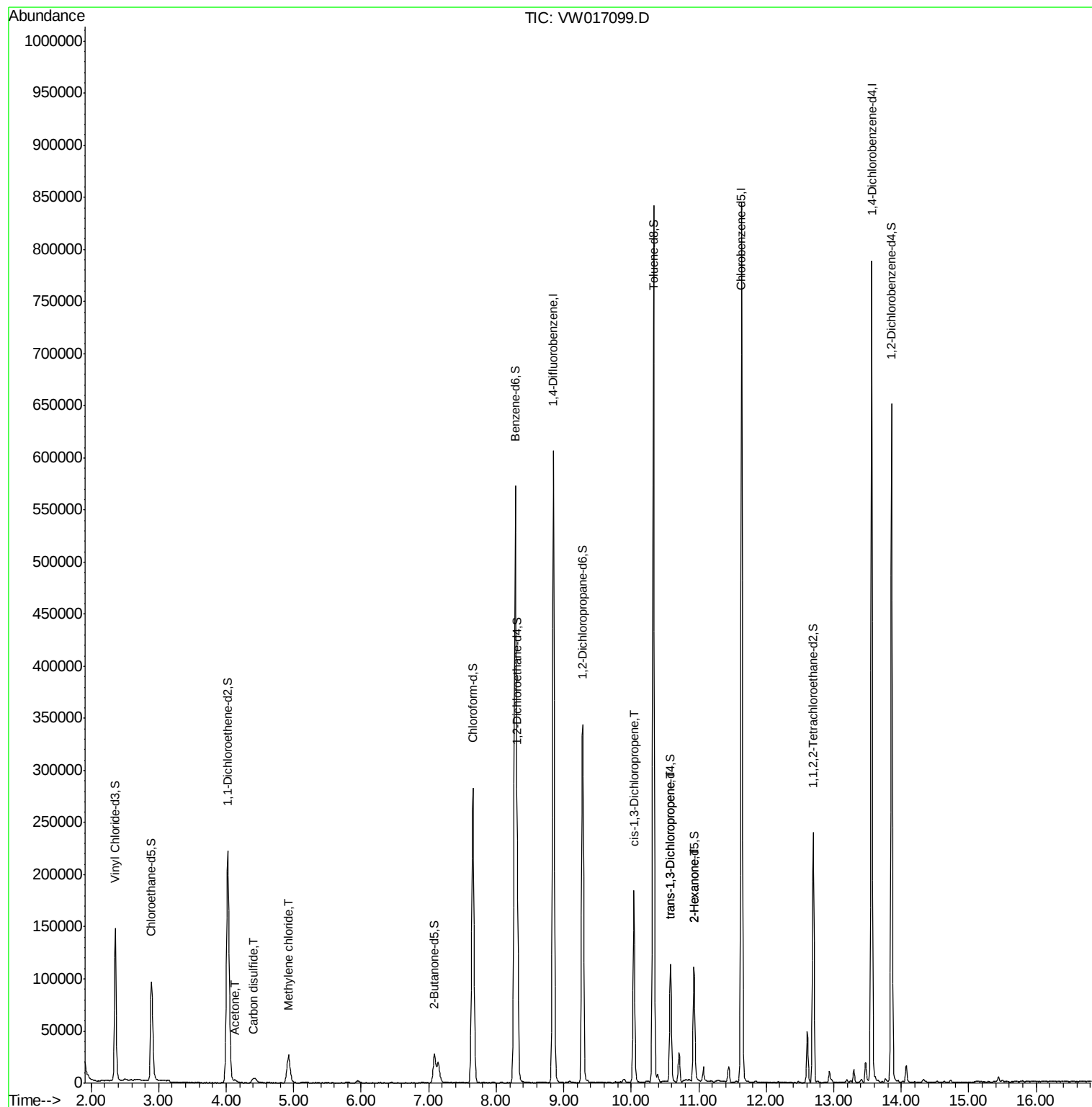
					Ovalue
13) Acetone	4.12	43	1329	1.277 ug/L	88
14) Carbon disulfide	4.39	76	4769	0.256 ug/L	95
16) Methylene chloride	4.92	84	23722	3.188 ug/L	96
42) cis-1,3-Dichloropropene	10.04	75	4616	0.472 ug/L #	52
45) trans-1,3-Dichloropropene	10.58	75	2833	0.337 ug/L #	60
49) 2-Hexanone	10.93	43	4507	1.962 ug/L #	62

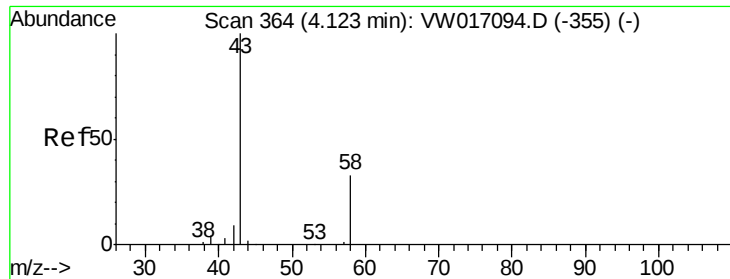
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Nov 07 04:26:24 2020
Response via : Initial Calibration





#13

Acetone

Concen: 1.277 ug/L

RT: 4.12 min Scan# 364

Delta R.T. -0.00 min

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Instrument :

MSVOA_W

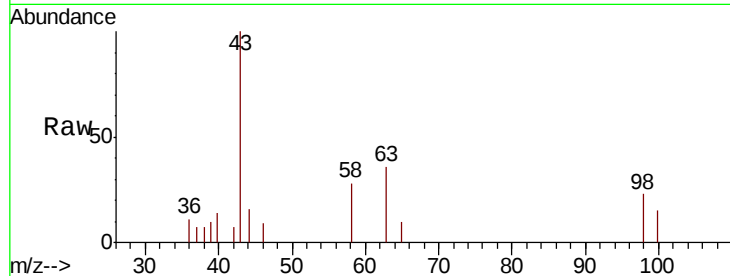
ClientSampled :

Tot Ion: 43 Resp: 1329

Ion Ratio Lower Upper

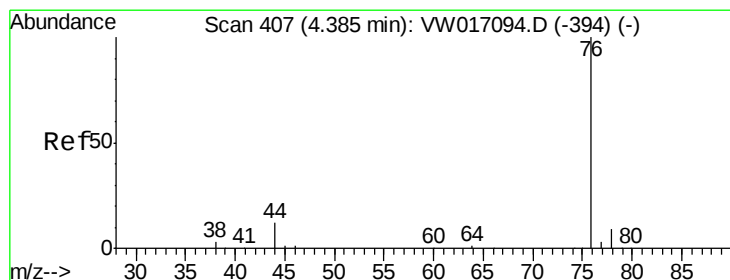
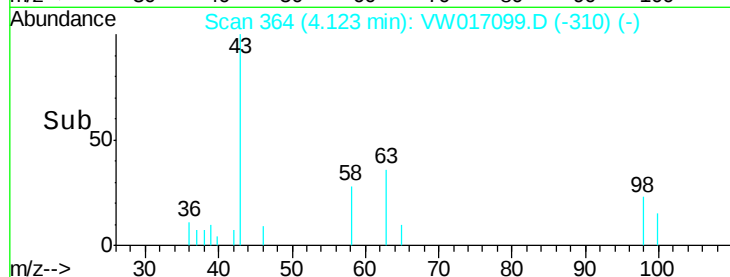
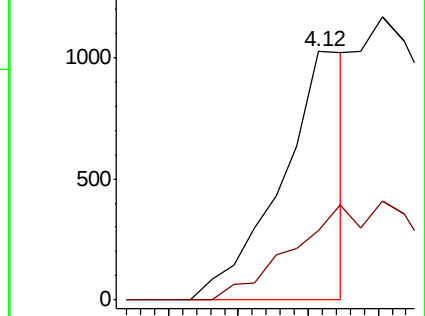
43 100

58 41.4 0.0 69.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#14

Carbon disulfide

Concen: 0.256 ug/L

RT: 4.39 min Scan# 408

Delta R.T. 0.01 min

Lab File: VW017099.D

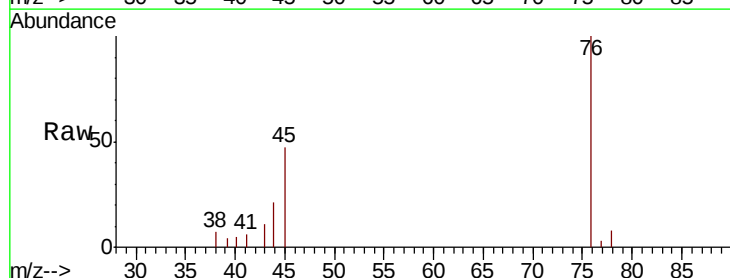
Acq: 06 Nov 2020 14:40

Tgt Ion: 76 Resp: 4769

Ion Ratio Lower Upper

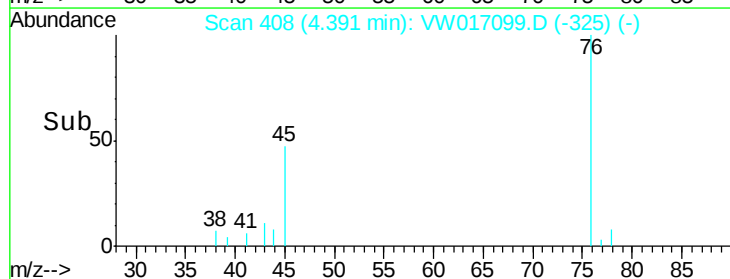
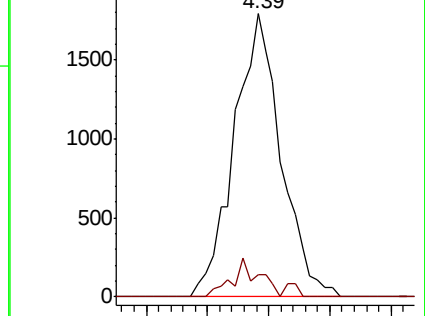
76 100

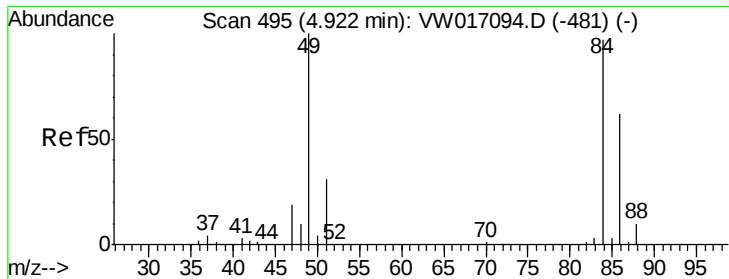
78 7.7 7.6 11.4



Abundance Ion 76.00 (75.70 to 76.70): VW

Ion 78.00 (77.70 to 78.70): VW

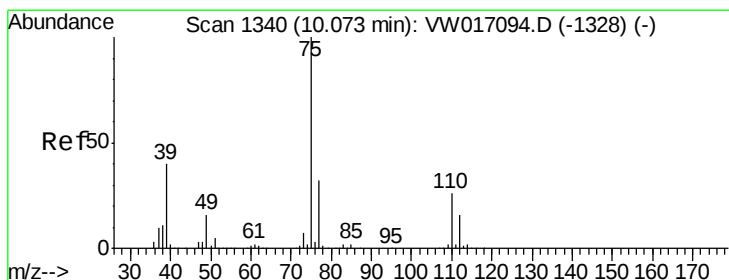
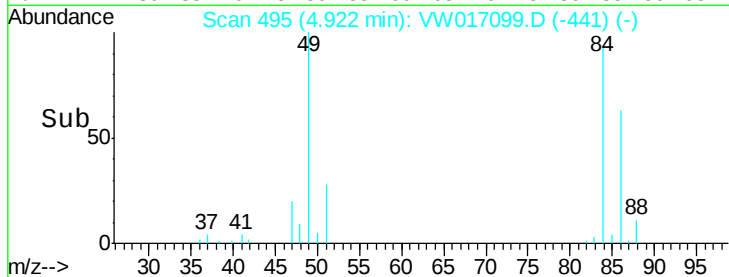
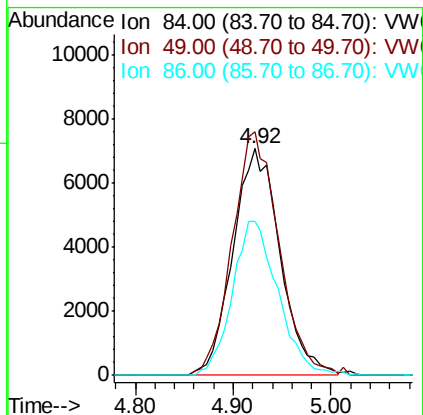
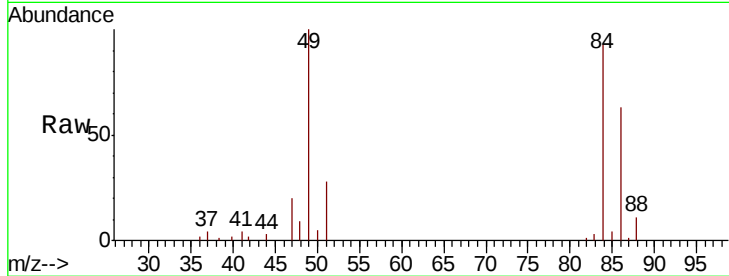




#16
Methylene chloride
Concen: 3.188 ug/L
RT: 4.92 min Scan# 495
Delta R.T. -0.00 min
Lab File: VW017099.D
Acq: 06 Nov 2020 14:40

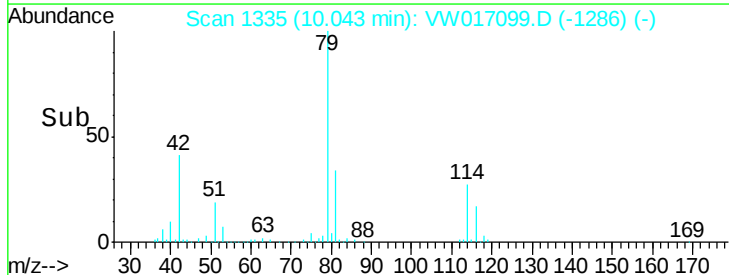
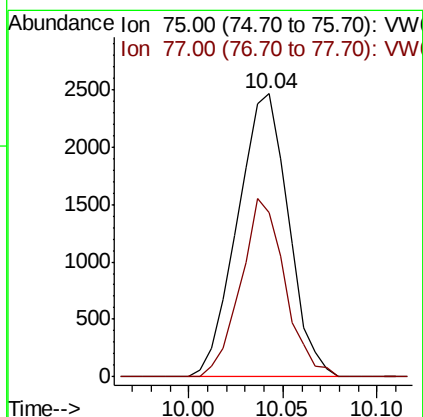
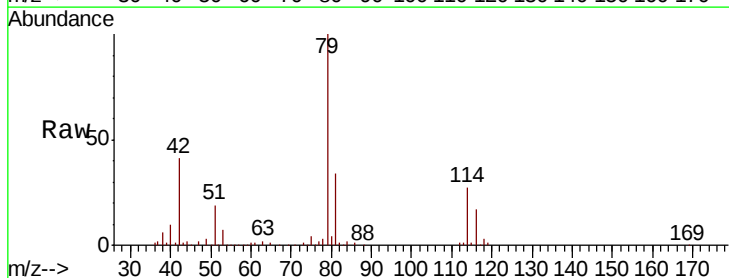
Instrument :
MSVOA_W
ClientSampleId :

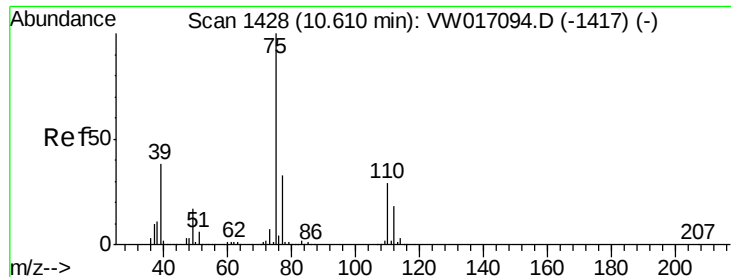
Tot Ion: 84 Resp: 23722
Ion Ratio Lower Upper
84 100
49 107.3 72.3 134.3
86 68.0 45.1 83.7



#42
cis-1,3-Dichloropropene
Concen: 0.472 ug/L
RT: 10.04 min Scan# 1335
Delta R.T. -0.03 min
Lab File: VW017099.D
Acq: 06 Nov 2020 14:40

Tgt Ion: 75 Resp: 4616
Ion Ratio Lower Upper
75 100
77 58.1 22.0 41.0#





#45

trans-1,3-Dichloropropene

Concen: 0.337 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.03 min

Lab File: VW017099.D

Acq: 06 Nov 2020 14:40

Instrument :

MSVOA_W

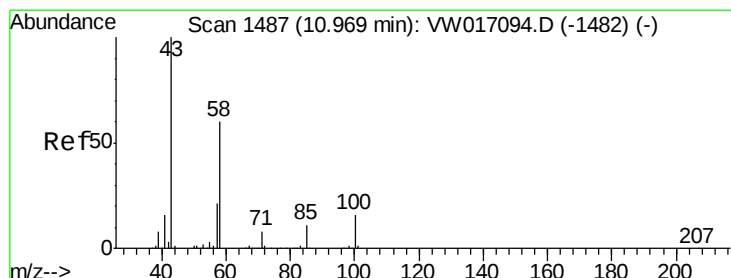
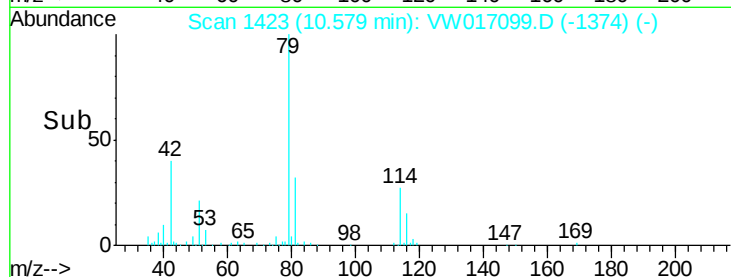
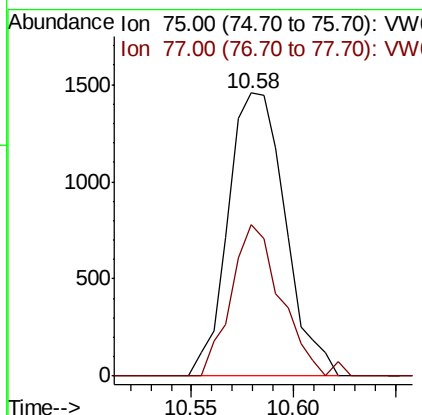
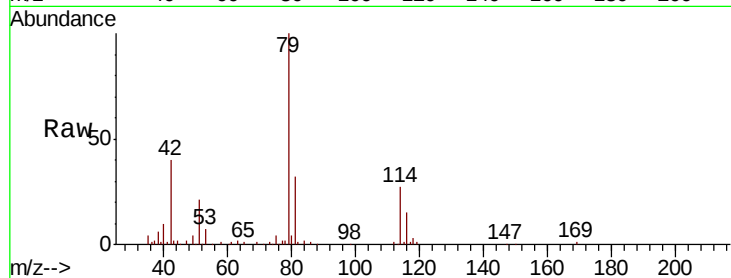
ClientSampleId :

Tot Ion: 75 Resp: 2833

Ion Ratio Lower Upper

75 100

77 53.7 22.1 41.1#



#49

2-Hexanone

Concen: 1.962 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

Lab File: VW017099.D

Acq: 06 Nov 2020 14:40

Tgt Ion: 43 Resp: 4507

Ion Ratio Lower Upper

43 100

58 27.9 50.6 75.8#

57 32.3 17.8 26.6#

100 2.3 13.9 20.9#

