

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW061220\
 Data File : VW015599.D
 Acq On : 12 Jun 2020 12:02
 Operator : SY/VA
 Sample : VIBLK11
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jun 13 01:33:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM052620S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 13 00:17:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	321264	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	294427	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	133563	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	62936	21.38	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.52%
7) Chloroethane-d5	2.90	69	69906	23.88	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.52%
10) 1,1-Dichloroethene-d2	4.01	63	110517	15.41	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	61.64%
20) 2-Butanone-d5	7.08	46	48355	50.31	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.62%
24) Chloroform-d	7.65	84	171067	23.03	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.12%
26) 1,2-Dichloroethane-d4	8.30	65	101114	24.46	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.84%
29) Benzene-d6	8.27	84	332619	23.04	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.16%
33) 1,2-Dichloropropane-d6	9.27	67	103218	23.52	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.08%
37) Toluene-d8	10.32	98	312040	22.23	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.92%
38) trans-1,3-Dichloropropene-	10.58	79	38306	18.87	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	75.48%
39) 2-Hexanone-d5	10.93	63	37367	49.19	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.38%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	77639	23.50	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	94.00%
61) 1,2-Dichlorobenzene-d4	13.85	152	105581	23.59	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.36%

Target Compounds

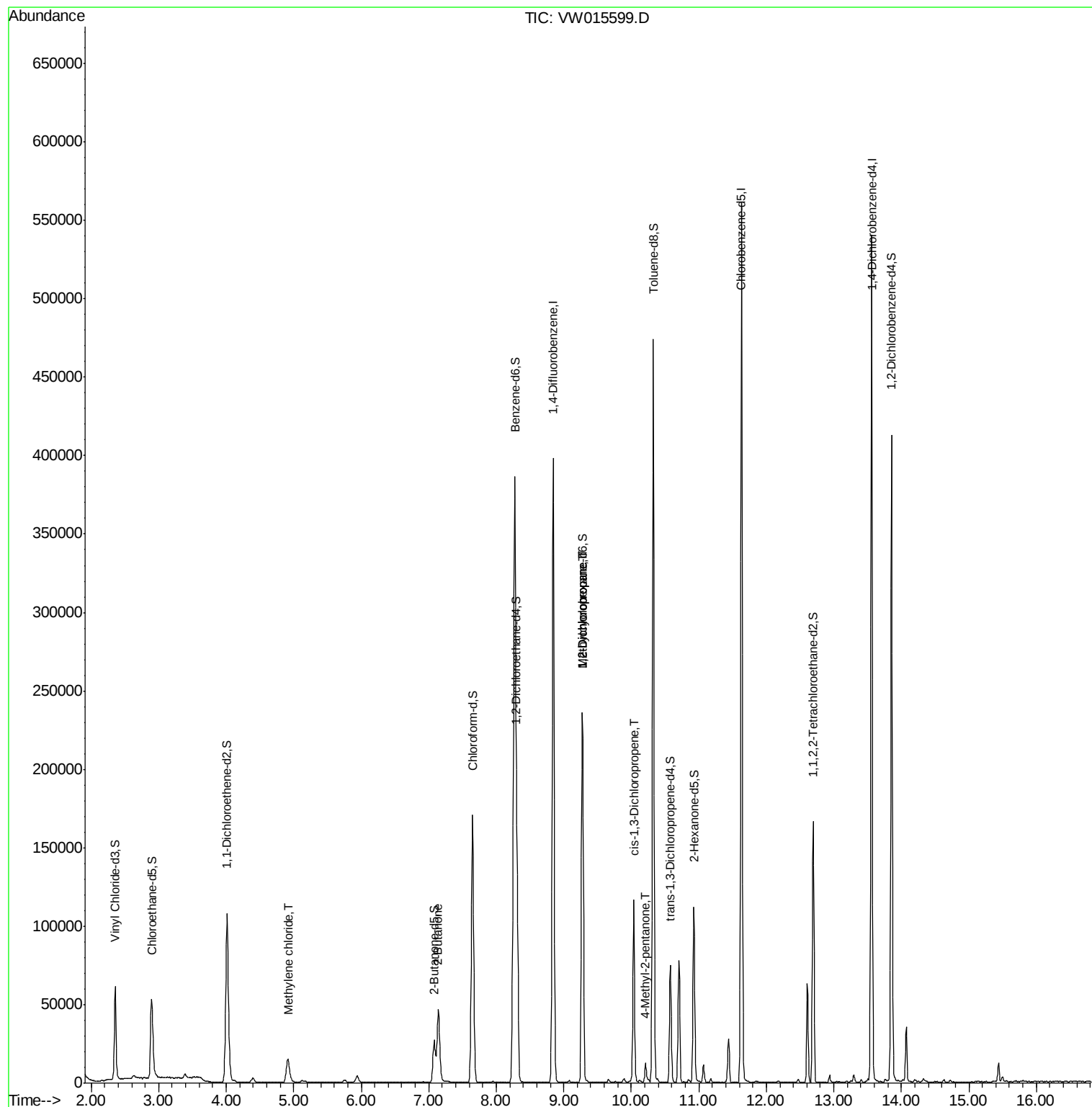
					Ovalue
16) Methylene chloride	4.92	84	11683	2.963 ug/L	90
21) 2-Butanone	7.15	43	2534	2.220 ug/L #	72
36) Methylcyclohexane	9.27	83	25475	3.230 ug/L #	19
40) 1,2-Dichloropropane	9.27	63	12576	3.102 ug/L #	85
42) cis-1,3-Dichloropropene	10.04	75	3190	0.492 ug/L #	77
43) 4-Methyl-2-pentanone	10.21	43	8398	3.533 ug/L	98

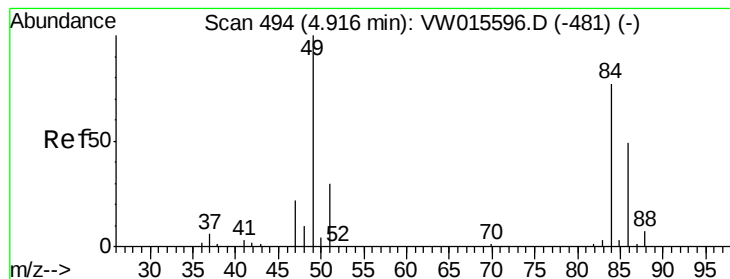
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Jun 13 00:17:50 2020
Response via : Initial Calibration





#16

Methylene chloride

Concen: 2.963 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

Lab File: VW015599.D

Acq: 12 Jun 2020 12:02

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MSVOA_W

ClientSampleId :

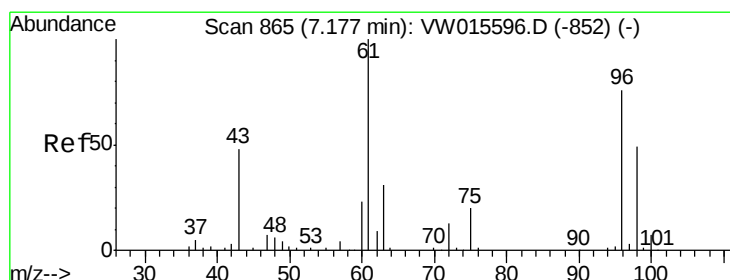
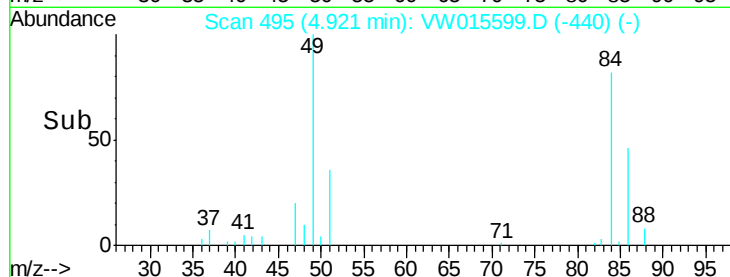
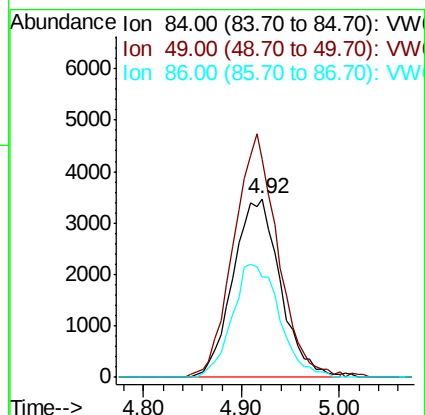
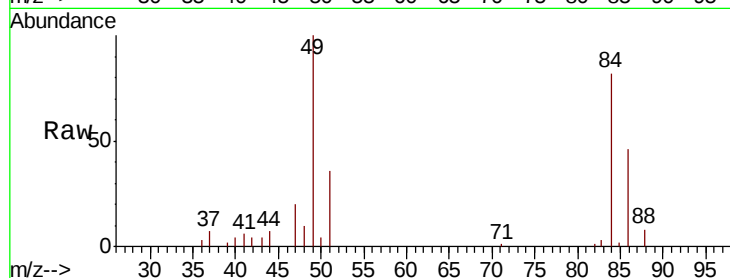
Tot Ion: 84 Resp: 11683

Ion Ratio Lower Upper

84 100

49 121.7 93.0 172.8

86 56.3 44.7 83.1



#21

2-Butanone

Concen: 2.220 ug/L

RT: 7.15 min Scan# 860

Delta R.T. -0.03 min

Lab File: VW015599.D

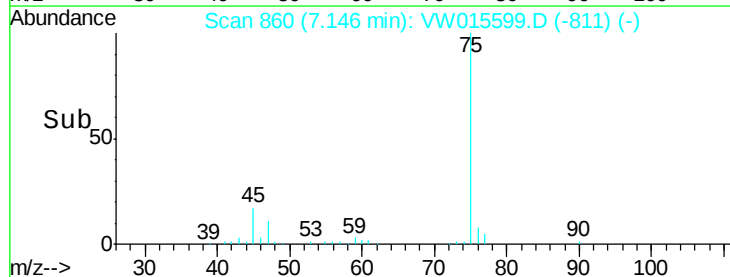
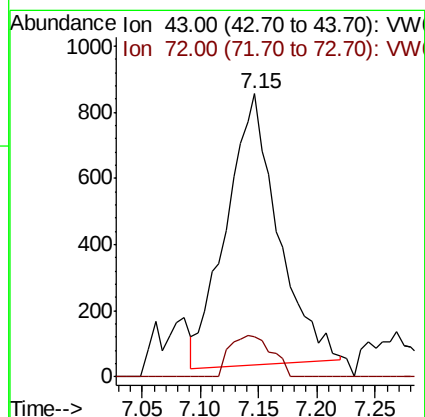
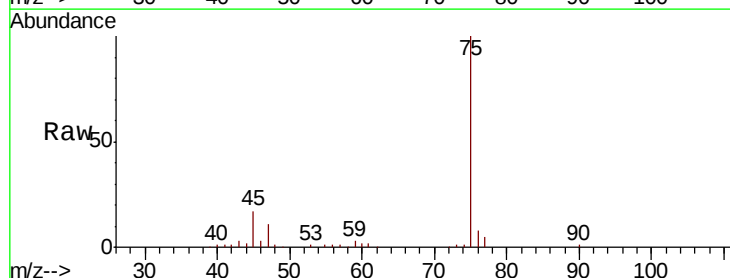
Acq: 12 Jun 2020 12:02

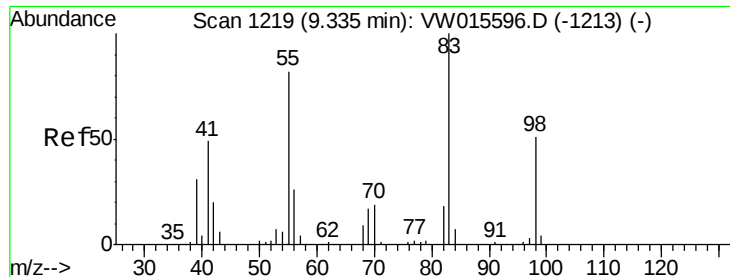
Tgt Ion: 43 Resp: 2534

Ion Ratio Lower Upper

43 100

72 12.4 13.3 39.9#

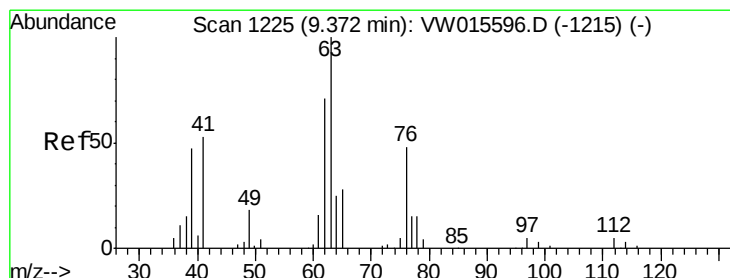
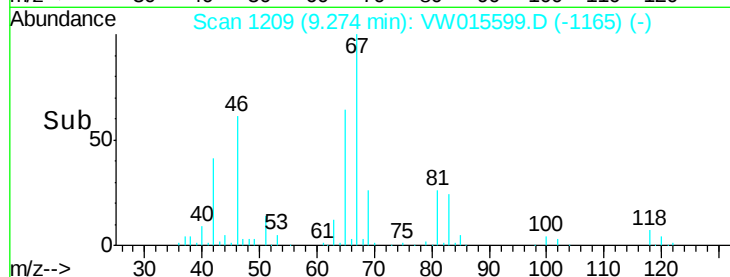
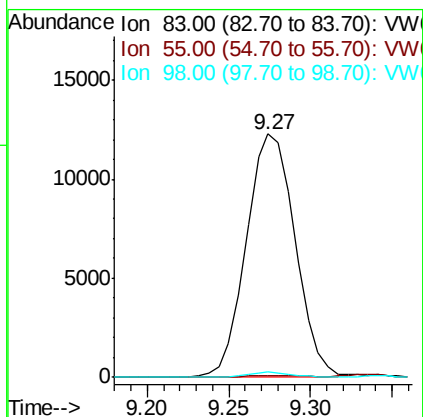
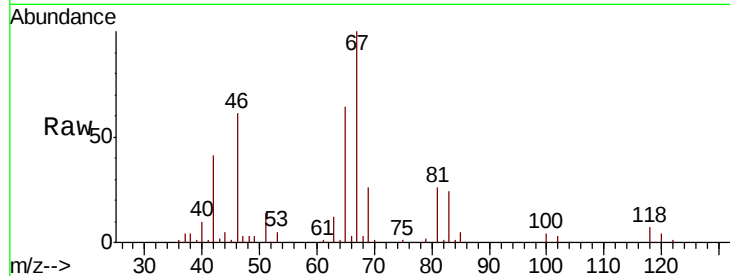




#36
Methylcyclohexane
Concen: 3.230 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.06 min
Lab File: VW015599.D
Acq: 12 Jun 2020 12:02

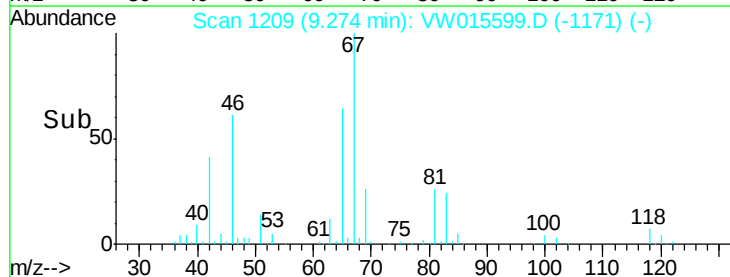
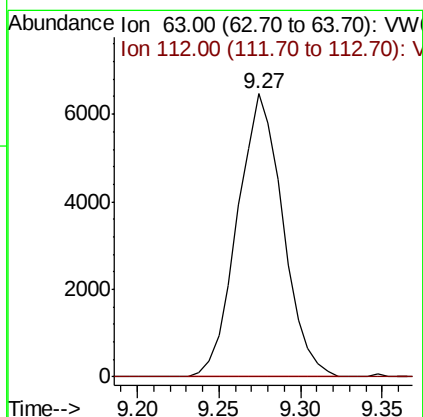
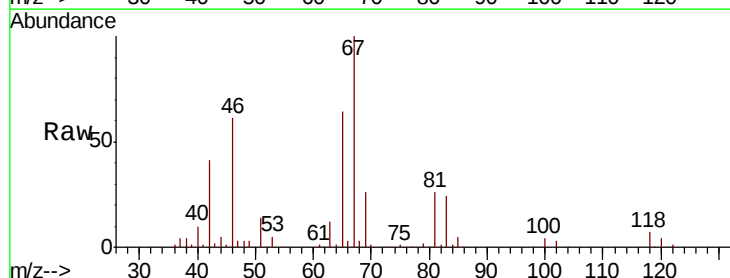
Instrument :
MSVOA_W
ClientSampleId :

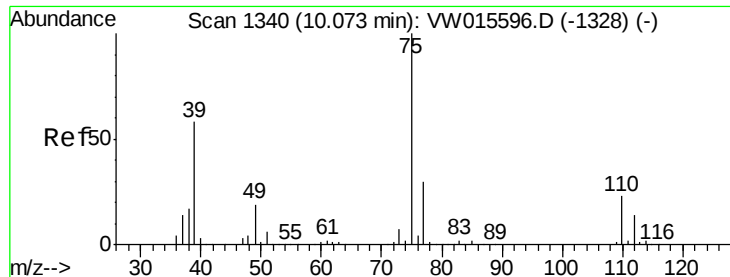
Tot Ion: 83 Resp: 25475
Ion Ratio Lower Upper
83 100
55 0.7 62.8 94.2#
98 1.7 39.2 58.8#



#40
1,2-Dichloropropane
Concen: 3.102 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.10 min
Lab File: VW015599.D
Acq: 12 Jun 2020 12:02

Tgt Ion: 63 Resp: 12576
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.8#





#42

cis-1,3-Dichloropropene

Concen: 0.492 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW015599.D

Acq: 12 Jun 2020 12:02

Instrument :

MSVOA_W

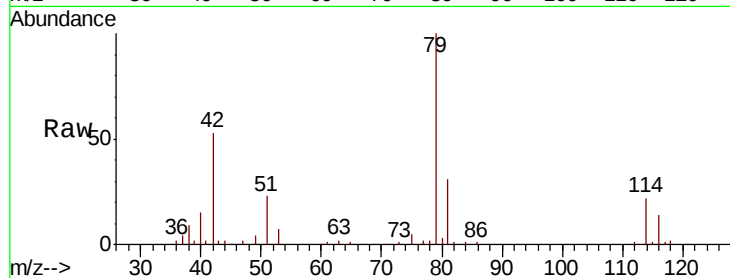
ClientSampleId :

Tot Ion: 75 Resp: 3190

Ion Ratio Lower Upper

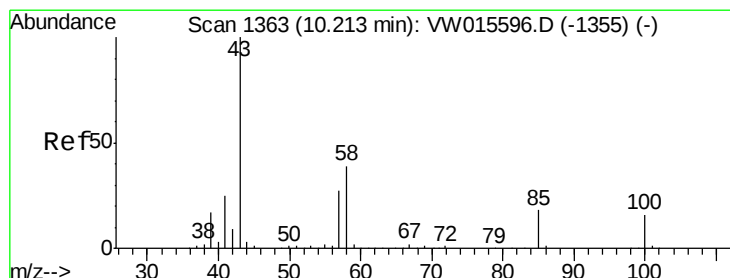
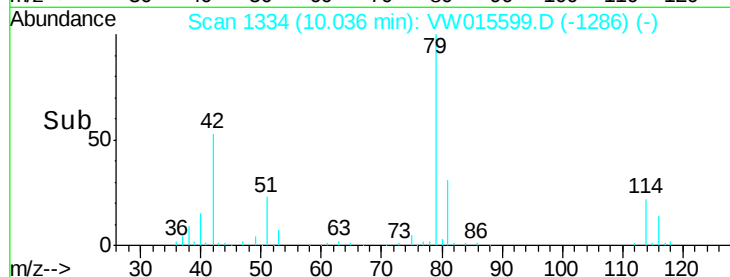
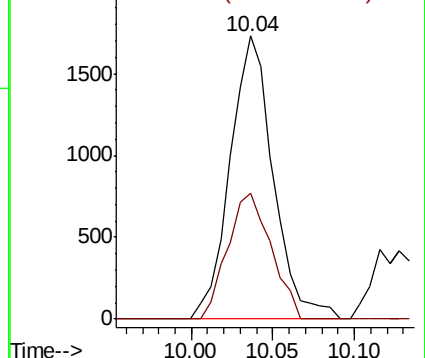
75 100

77 44.5 22.3 41.5#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW



#43

4-Methyl-2-pentanone

Concen: 3.533 ug/L

RT: 10.21 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VW015599.D

Acq: 12 Jun 2020 12:02

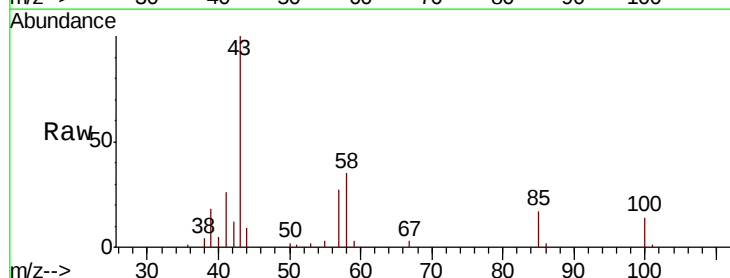
Tgt Ion: 43 Resp: 8398

Ion Ratio Lower Upper

43 100

58 36.9 30.6 46.0

100 14.4 12.5 18.7



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

Ion 100.00 (99.70 to 100.70): VW

