

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW092120\
 Data File : VW016593.D
 Acq On : 21 Sep 2020 12:44
 Operator : SY/VA
 Sample : L4024-08
 Misc : 5.03G/10ML/MSVOA_W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VHBLK02

Quant Time: Sep 21 18:01:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
 Quant Title : VOC Analysis
 QLast Update : Mon Sep 21 17:58:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	593758	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	533770	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	267704	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	107551	18.71	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.84%
7) Chloroethane-d5	2.90	69	93319	19.89	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.56%
10) 1,1-Dichloroethene-d2	4.03	63	166043	12.92	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	51.68%
20) 2-Butanone-d5	7.09	46	77077	49.19	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.38%
24) Chloroform-d	7.65	84	271389	21.85	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.40%
26) 1,2-Dichloroethane-d4	8.31	65	147615	23.15	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.60%
29) Benzene-d6	8.28	84	487707	20.37	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	81.48%
33) 1,2-Dichloropropane-d6	9.28	67	145689	22.46	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.84%
37) Toluene-d8	10.32	98	440255	18.69	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	74.76%
38) trans-1,3-Dichloropropene-	10.58	79	72163	22.07	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.28%
39) 2-Hexanone-d5	10.93	63	61377	52.02	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.04%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	137319	24.88	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	99.52%
61) 1,2-Dichlorobenzene-d4	13.85	152	191316	22.37	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.48%

Target Compounds

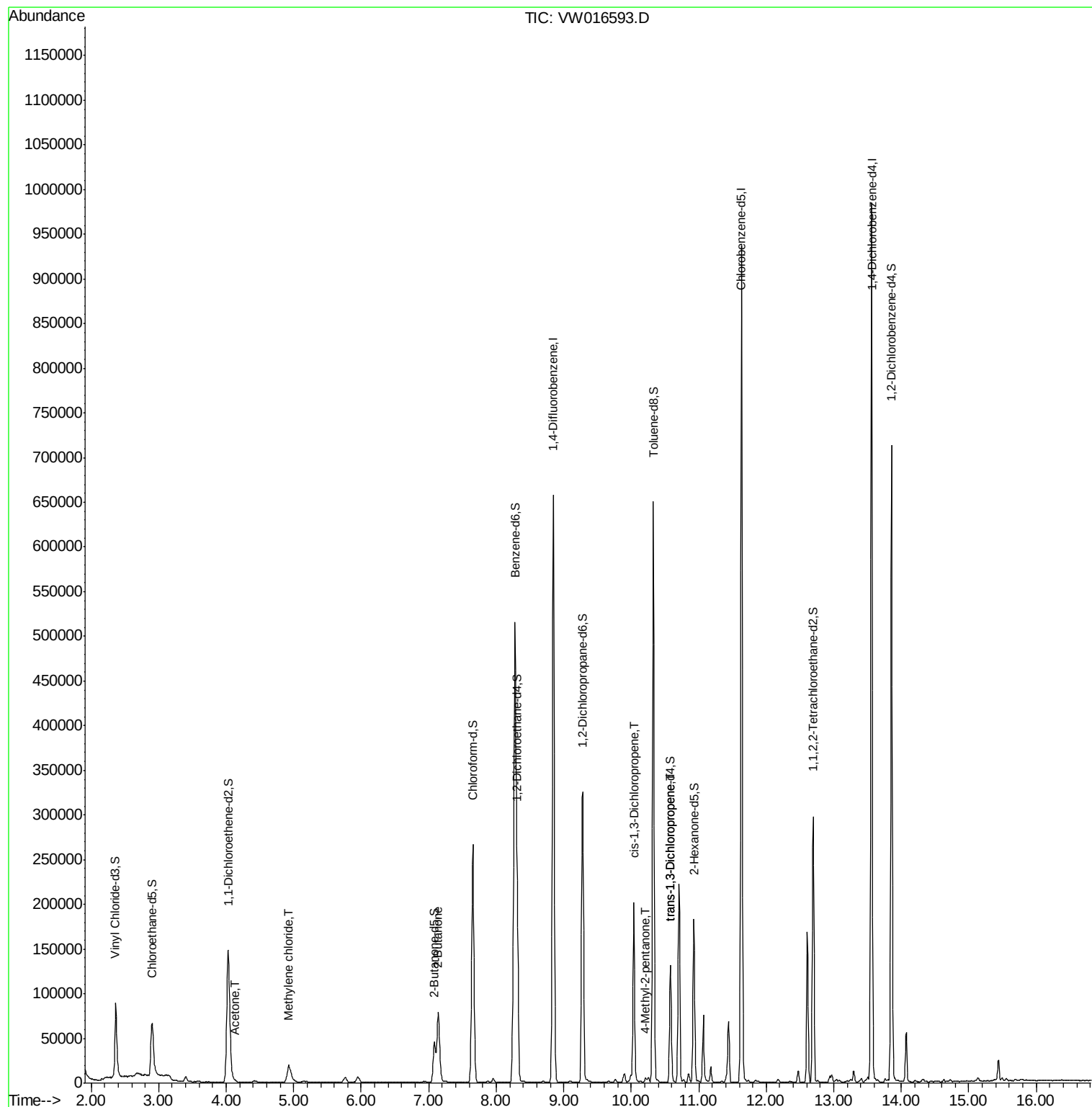
					Qvalue
13) Acetone	4.14	43	1548	1.261 ug/L	99
16) Methylene chloride	4.93	84	14731	1.609 ug/L	90
21) 2-Butanone	7.15	43	3963	1.898 ug/L #	58
42) cis-1,3-Dichloropropene	10.04	75	5576	0.491 ug/L #	77
43) 4-Methyl-2-pentanone	10.21	43	3489	0.825 ug/L	97
45) trans-1,3-Dichloropropene	10.58	75	3530	0.357 ug/L #	81

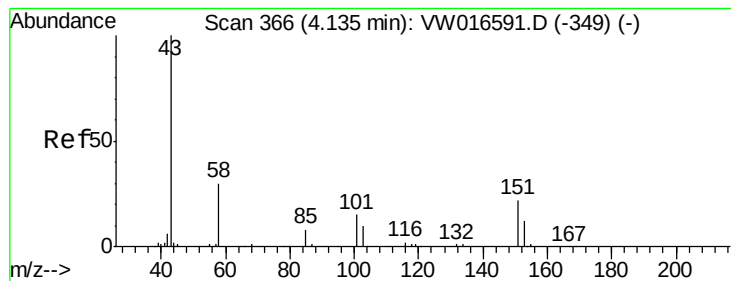
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Sep 21 17:58:17 2020
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#13

Acetone

Concen: 1.261 ug/L

RT: 4.14 min Scan# 366

Delta R.T. 0.00 min

Lab File: VW016593.D

Acq: 21 Sep 2020 12:44

Instrument :

MSVOA_W

ClientSampled :

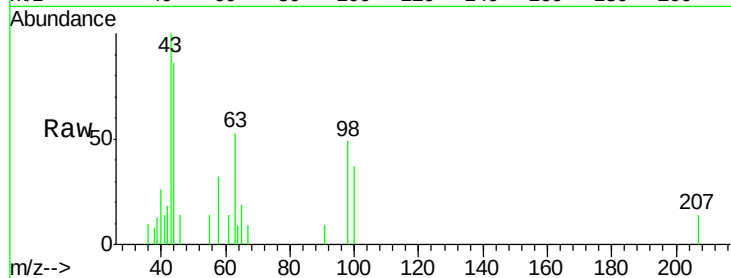
VHBLK02

Tgt Ion: 43 Resp: 1548

Ion Ratio Lower Upper

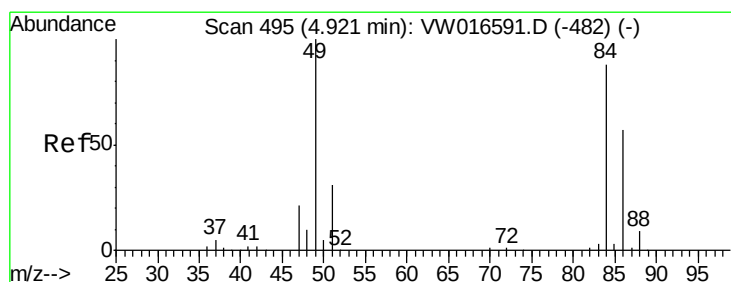
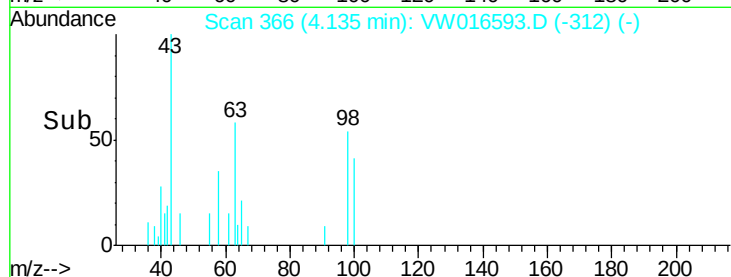
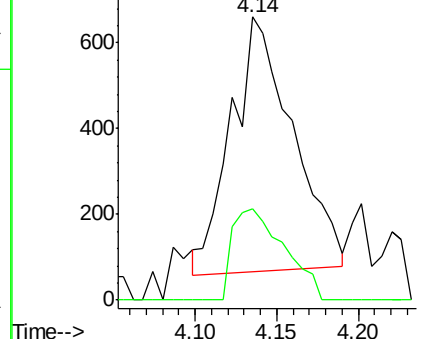
43 100

58 30.5 0.0 60.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 1.609 ug/L

RT: 4.93 min Scan# 496

Delta R.T. 0.01 min

Lab File: VW016593.D

Acq: 21 Sep 2020 12:44

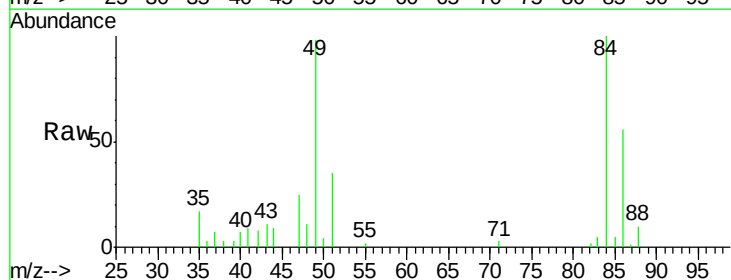
Tgt Ion: 84 Resp: 14731

Ion Ratio Lower Upper

84 100

49 98.1 76.0 141.2

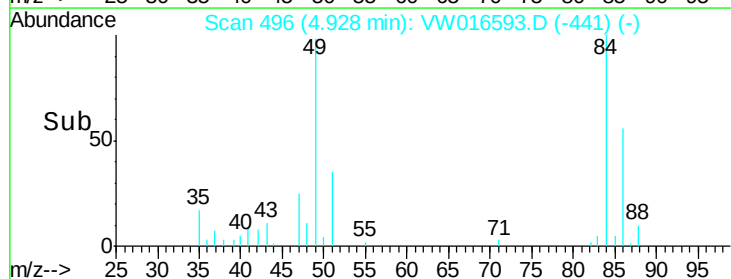
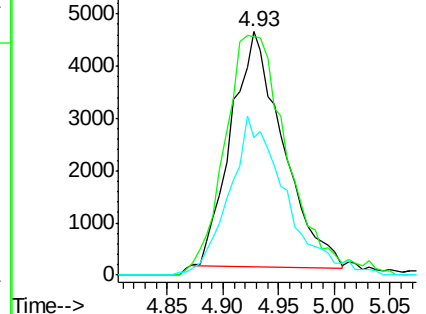
86 56.4 45.6 84.6

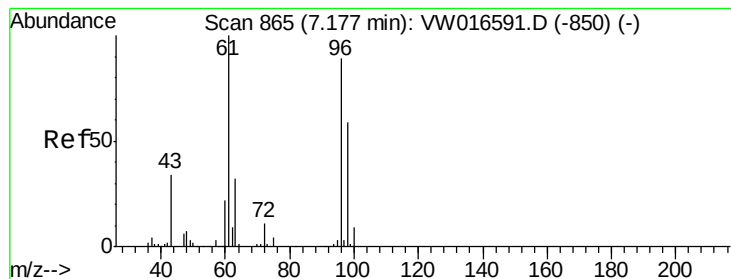


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW





#21

2-Butanone

Concen: 1.898 ug/L

RT: 7.15 min Scan# 860

Delta R.T. -0.03 min

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Instrument :

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ClientSampleId :

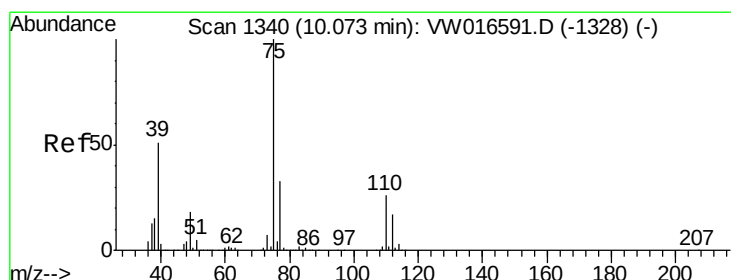
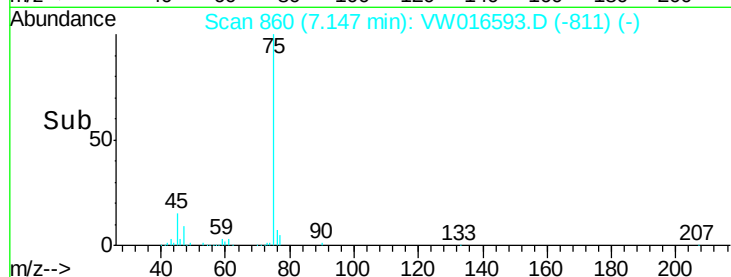
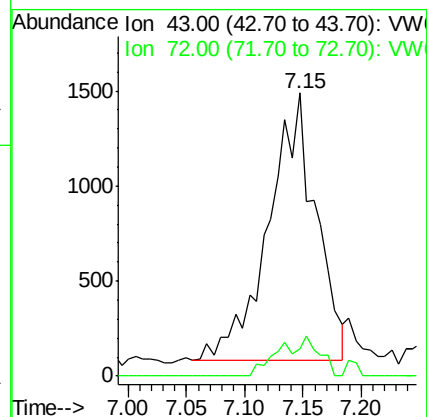
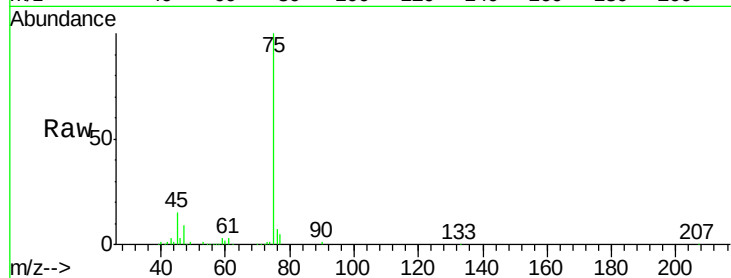
VHBLK02

Tgt Ion: 43 Resp: 3963

Ion Ratio Lower Upper

43 100

72 6.6 14.6 43.8#



#42

cis-1,3-Dichloropropene

Concen: 0.491 ug/L

RT: 10.04 min Scan# 1335

Delta R.T. -0.03 min

Lab File: VW016593.D

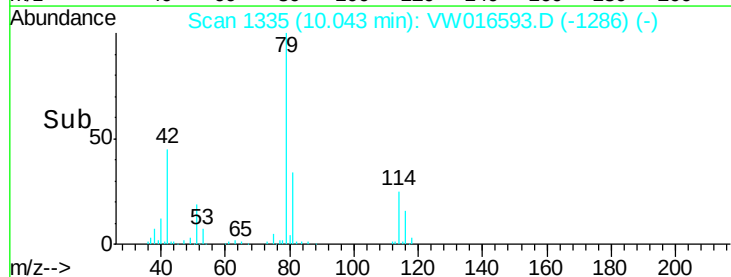
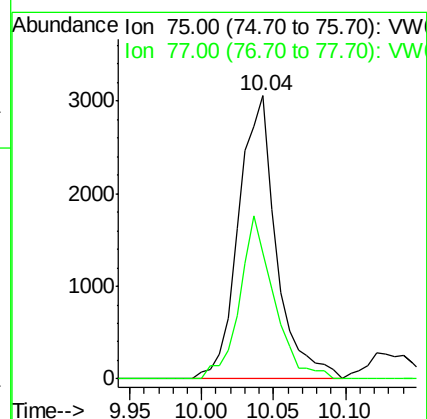
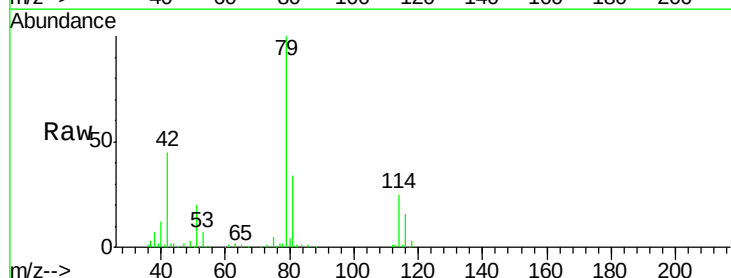
Acq: 21 Sep 2020 12:44

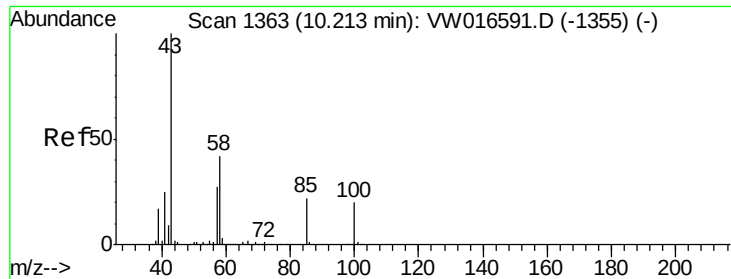
Tgt Ion: 75 Resp: 5576

Ion Ratio Lower Upper

75 100

77 44.3 22.2 41.2#

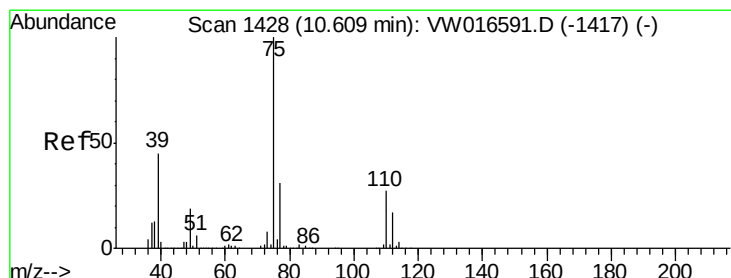
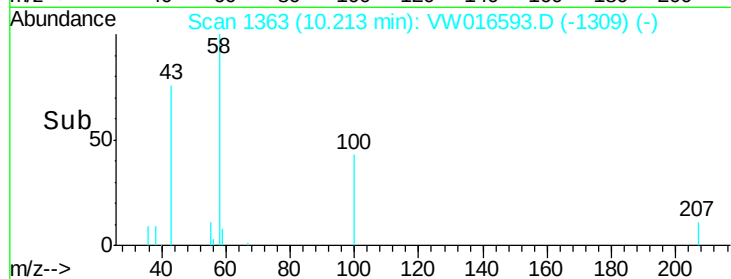
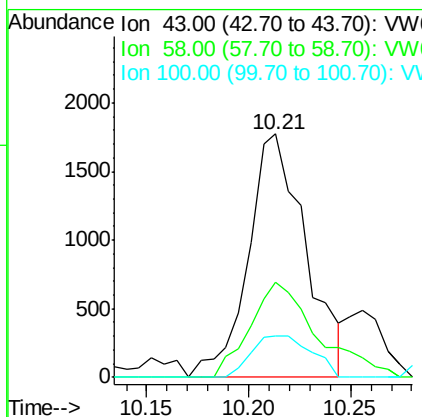
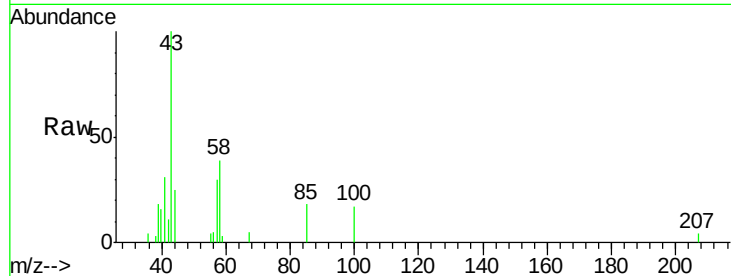




#43
 4-Methyl-2-pentanone
 Concen: 0.825 ug/L
 RT: 10.21 min Scan# 1363
 Delta R.T. 0.00 min
 Lab File: VW016593.D
 Acq: 21 Sep 2020 12:44

Instrument :
 MSVOA_W
 ClientSampleId :
 VHBLK02

Tgt Ion: 43 Resp: 3489
 Ion Ratio Lower Upper
 43 100
 58 38.4 32.2 48.4
 100 17.8 15.8 23.6



#45
 trans-1,3-Dichloropropene
 Concen: 0.357 ug/L
 RT: 10.58 min Scan# 1423
 Delta R.T. -0.03 min
 Lab File: VW016593.D
 Acq: 21 Sep 2020 12:44

Tgt Ion: 75 Resp: 3530
 Ion Ratio Lower Upper
 75 100
 77 42.7 22.5 41.9#

