

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW052220\
 Data File : VW015461.D
 Acq On : 22 May 2020 18:59
 Operator : SY/VA
 Sample : L2753-09MSD
 Misc : 9.43G/10.0mL/MSVOA W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: May 23 03:57:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM050420S.M
 Quant Title : VOC Analysis
 QLast Update : Sat May 23 03:53:37 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	284987	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	259631	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	112057	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	51733	14.51	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	58.04%
7) Chloroethane-d5	2.90	69	59380	17.28	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.12%
10) 1,1-Dichloroethene-d2	4.03	63	139139	19.19	ug/L	0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	76.76%
20) 2-Butanone-d5	7.08	46	60561	63.59	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	127.18%
24) Chloroform-d	7.65	84	163738	22.75	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.00%
26) 1,2-Dichloroethane-d4	8.30	65	102839	25.77	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	103.08%
29) Benzene-d6	8.27	84	309124	21.76	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	87.04%
33) 1,2-Dichloropropane-d6	9.27	67	101656	23.61	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.44%
37) Toluene-d8	10.32	98	290957	21.30	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	85.20%
38) trans-1,3-Dichloropropene-	10.58	79	46225	23.59	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.36%
39) 2-Hexanone-d5	10.93	63	50889	63.99	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	127.98%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	92998	28.68	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	114.72%
61) 1,2-Dichlorobenzene-d4	13.85	152	91283	23.23	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.92%

Target Compounds

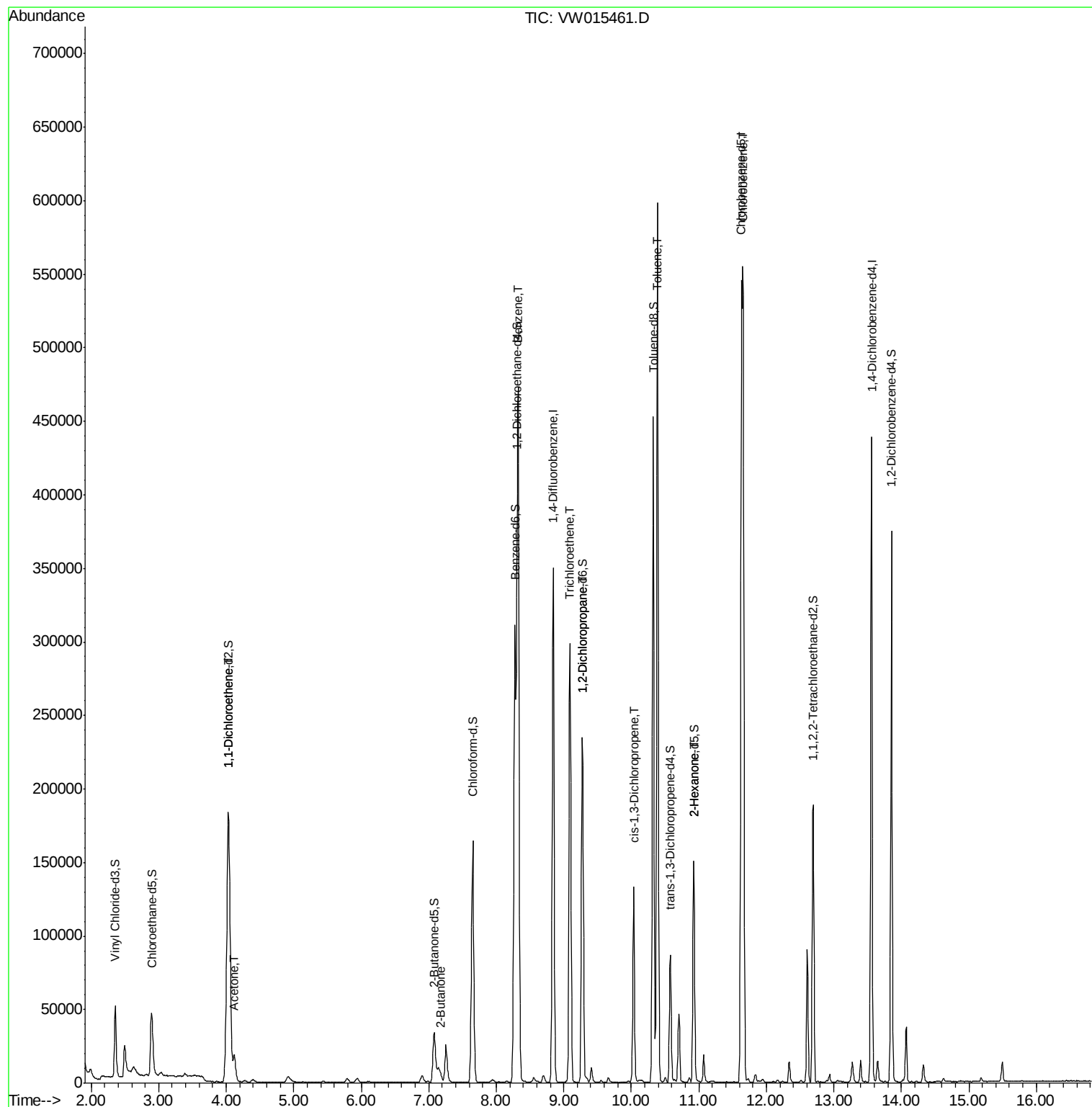
					Ovalue
12) 1,1-Dichloroethene	4.04	96	77845	22.773	ug/L 90
13) Acetone	4.12	43	27639	38.324	ug/L 99
21) 2-Butanone	7.18	43	5799	5.348	ug/L 99
34) Benzene	8.32	78	394313	25.959	ug/L 100
35) Trichloroethene	9.09	95	102115	25.087	ug/L 99
40) 1,2-Dichloropropane	9.27	63	12293	3.238	ug/L # 86
42) cis-1,3-Dichloropropene	10.03	75	3471	0.566	ug/L 86
44) Toluene	10.39	91	430198	25.914	ug/L 97
49) 2-Hexanone	10.93	43	6955	4.340	ug/L # 67
52) Chlorobenzene	11.66	112	263577	25.166	ug/L 97

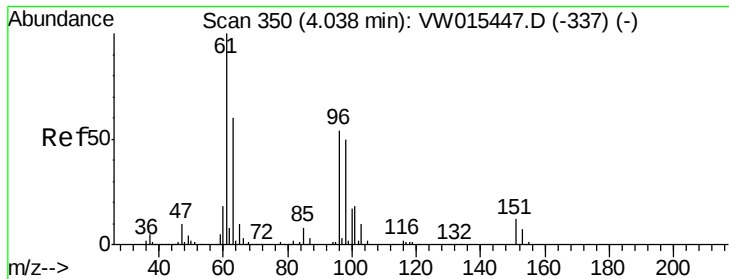
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM050420S.M
Quant Title : VOC Analysis
QLast Update : Sat May 23 03:53:37 2020
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 22.773 ug/L

RT: 4.04 min Scan# 350

Delta R.T. -0.00 min

Lab File: VW015461.D

Acq: 22 May 2020 18:59

Instrument :

MSVOA_W

ClientSampled :

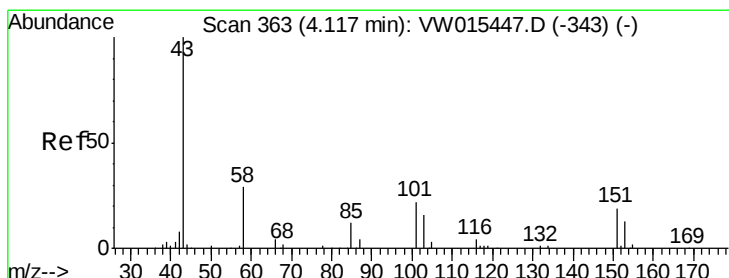
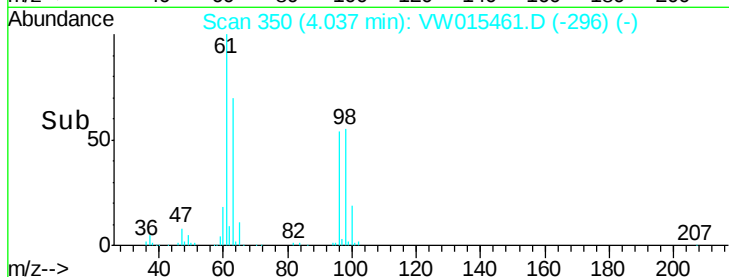
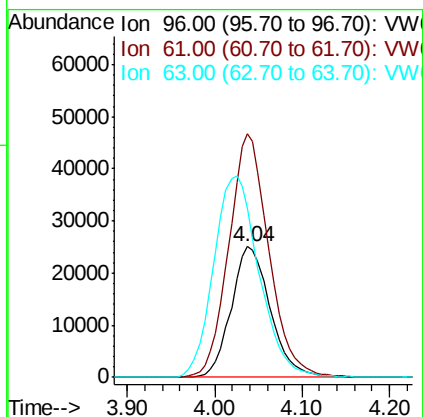
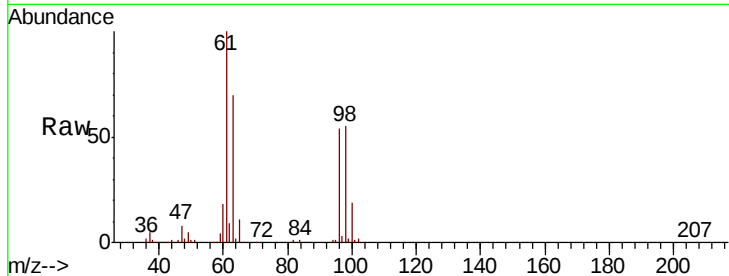
Tot Ion: 96 Resp: 77845

Ion Ratio Lower Upper

96 100

61 186.4 135.9 252.5

63 129.7 104.4 194.0



#13

Acetone

Concen: 38.324 ug/L

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

Lab File: VW015461.D

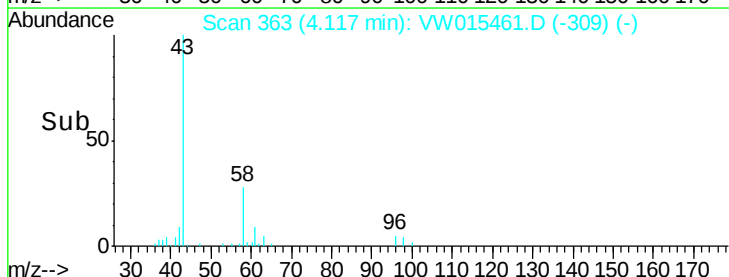
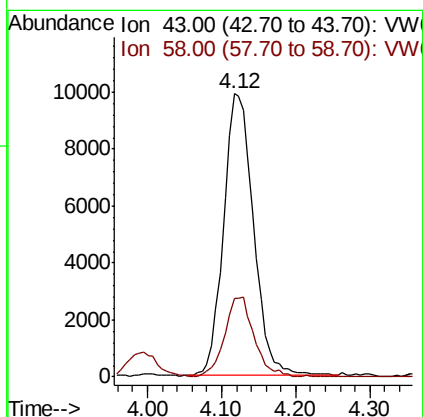
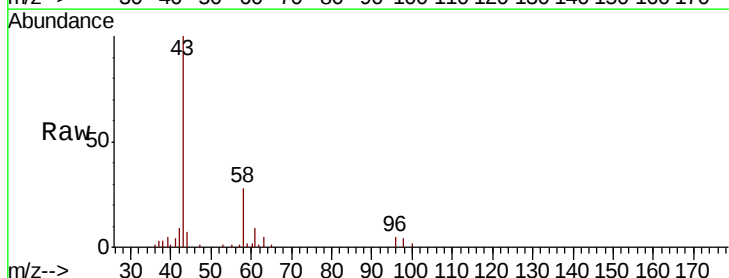
Acq: 22 May 2020 18:59

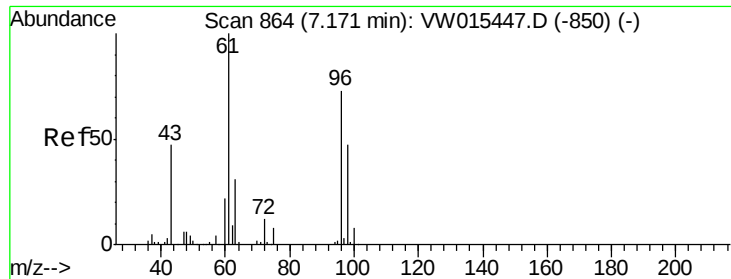
Tgt Ion: 43 Resp: 27639

Ion Ratio Lower Upper

43 100

58 28.1 0.0 57.0





#21

2-Butanone

Concen: 5.348 ug/L

RT: 7.18 min Scan# 865

Delta R.T. 0.01 min

Lab File: VW015461.D

Acq: 22 May 2020 18:59

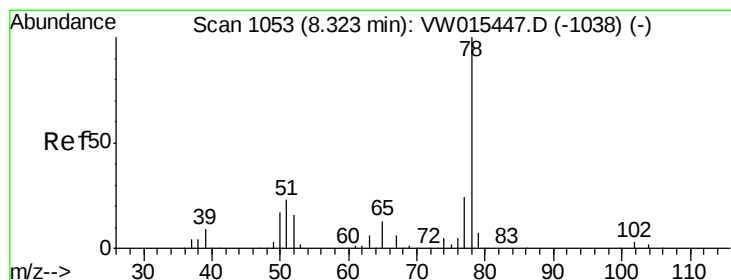
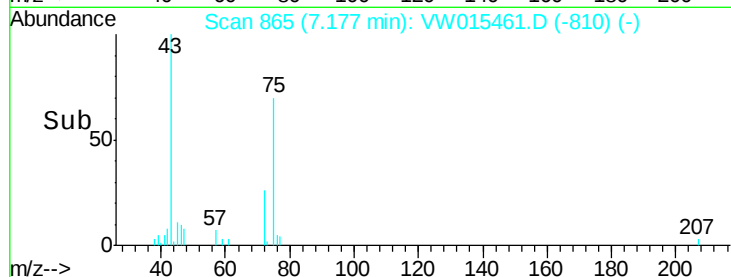
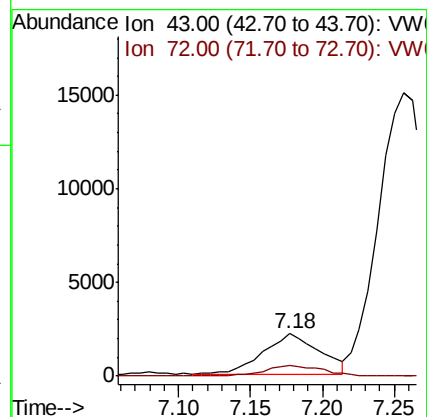
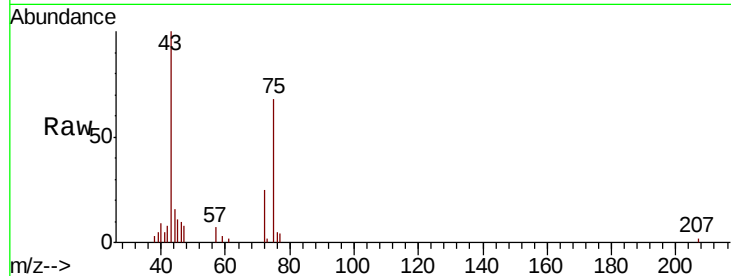
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 43 Resp: 5799

Ion Ratio Lower Upper

43 100

72 26.6 13.6 40.8



#34

Benzene

Concen: 25.959 ug/L

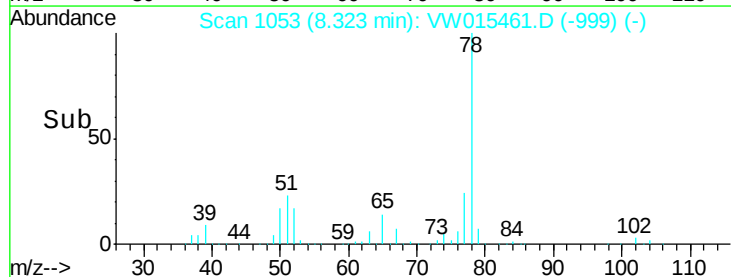
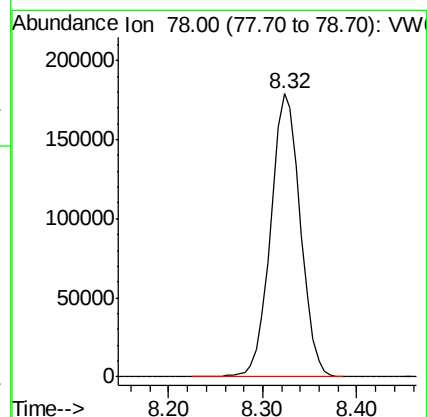
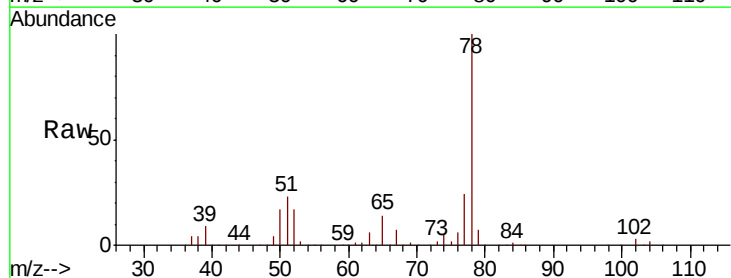
RT: 8.32 min Scan# 1053

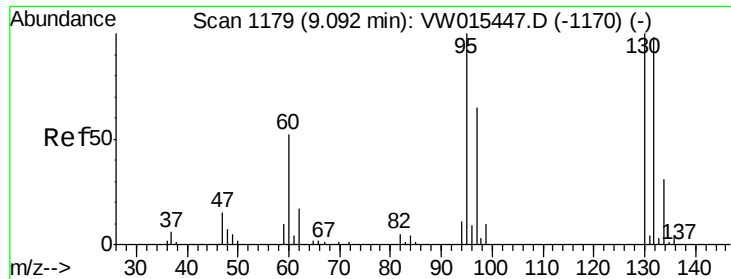
Delta R.T. -0.00 min

Lab File: VW015461.D

Acq: 22 May 2020 18:59

Tgt Ion: 78 Resp: 394313





#35

Trichloroethene

Concen: 25.087 ug/L

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW015461.D

Acq: 22 May 2020 18:59

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 95 Resp: 102115

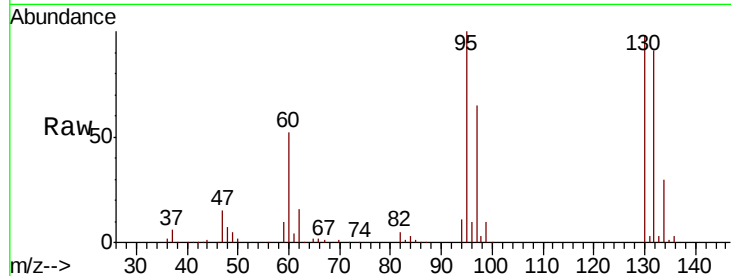
Ion Ratio Lower Upper

95 100

97 64.4 44.9 83.5

132 93.7 64.5 119.7

130 99.3 68.5 127.3



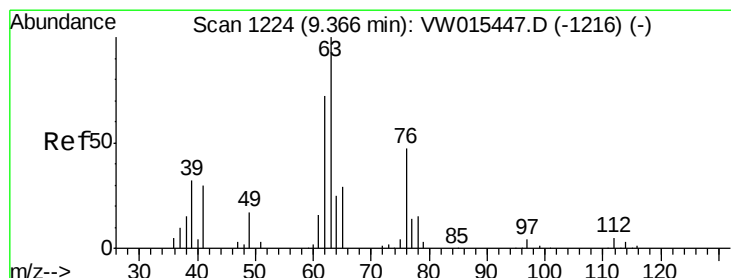
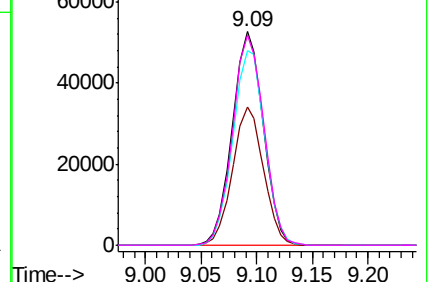
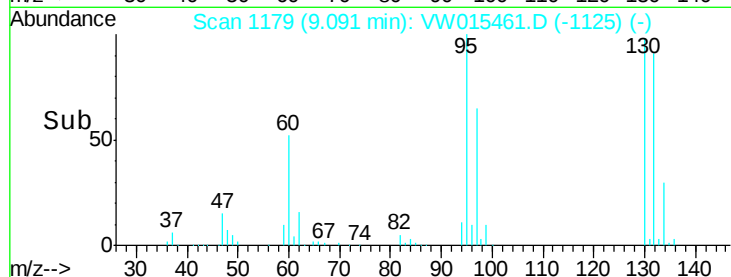
Abundance

Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#40

1,2-Dichloropropane

Concen: 3.238 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.09 min

Lab File: VW015461.D

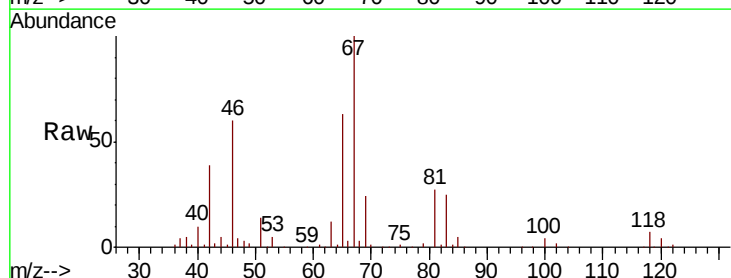
Acq: 22 May 2020 18:59

Tgt Ion: 63 Resp: 12293

Ion Ratio Lower Upper

63 100

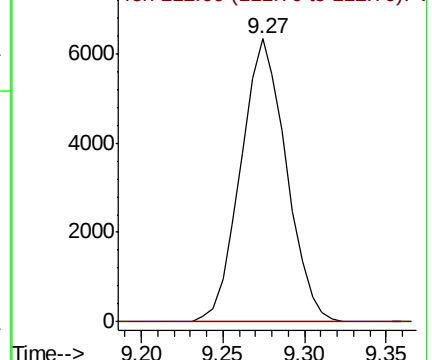
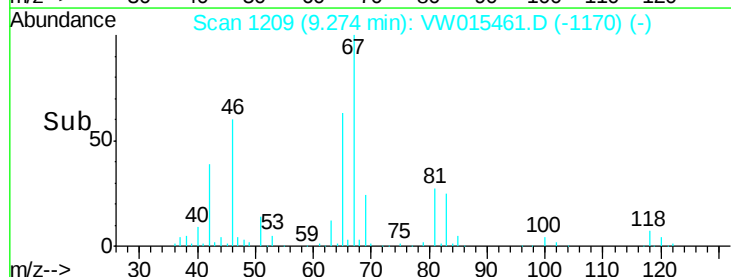
112 0.0 3.6 5.4#

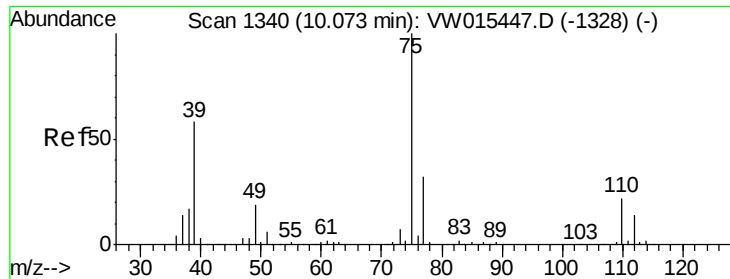


Abundance

Ion 63.00 (62.70 to 63.70): VW

Ion 112.00 (111.70 to 112.70): V





#42

cis-1,3-Dichloropropene

Concen: 0.566 ug/L

RT: 10.03 min Scan# 1333

Delta R.T. -0.04 min

Lab File: VW015461.D

Acq: 22 May 2020 18:59

Instrument :

MSVOA_W

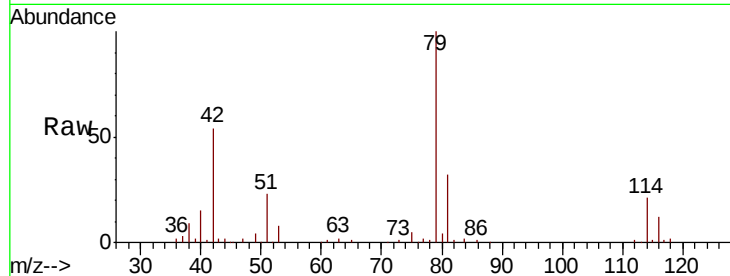
ClientSampleId :

Tot Ion: 75 Resp: 3471

Ion Ratio Lower Upper

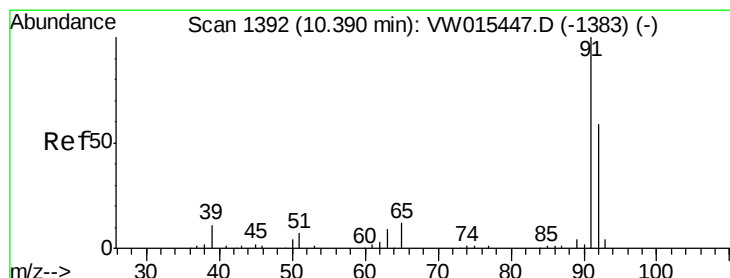
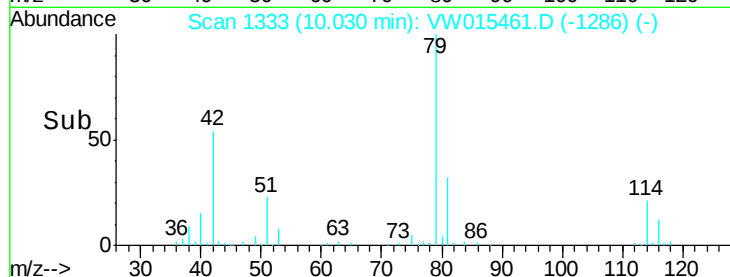
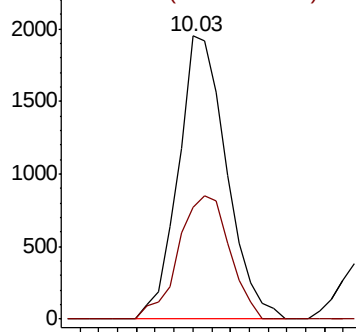
75 100

77 39.6 22.4 41.6



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW



#44

Toluene

Concen: 25.914 ug/L

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW015461.D

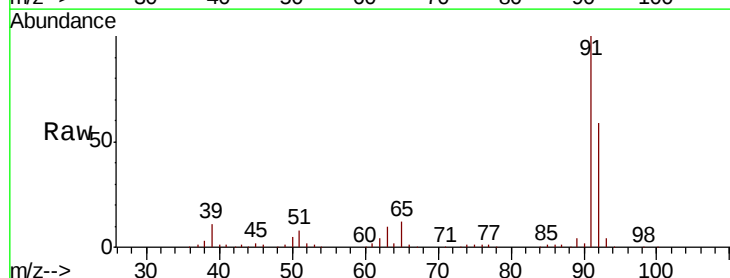
Acq: 22 May 2020 18:59

Tgt Ion: 91 Resp: 430198

Ion Ratio Lower Upper

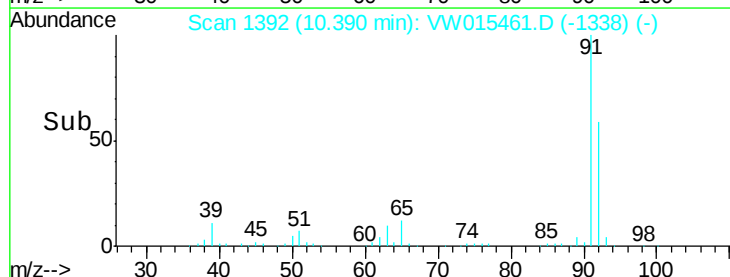
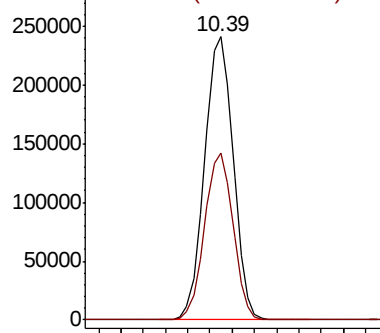
91 100

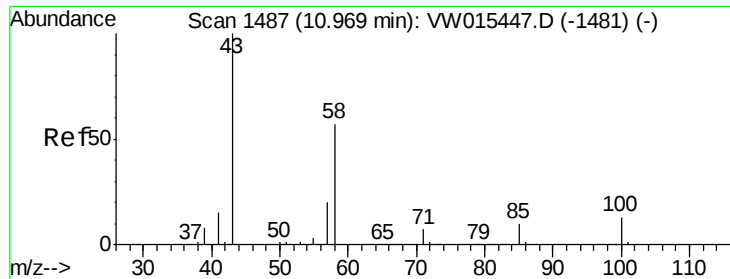
92 59.1 39.8 74.0



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW

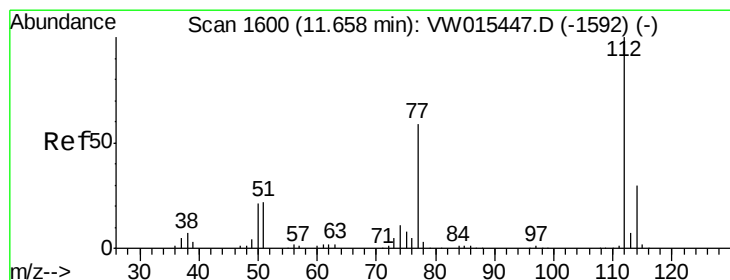
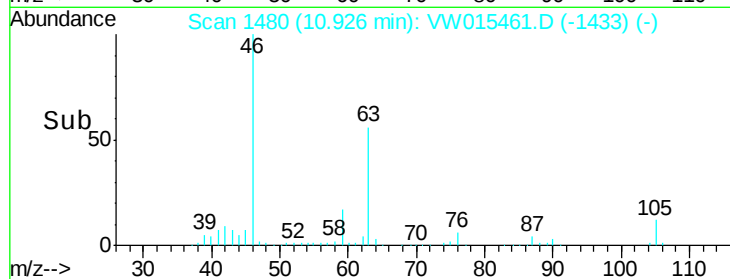
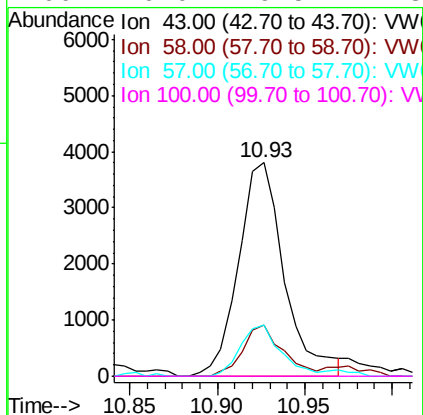
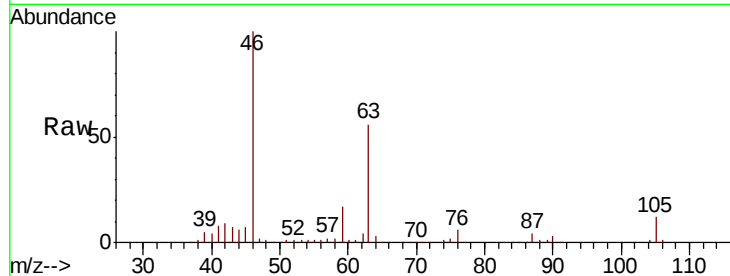




#49
2-Hexanone
Concen: 4.340 ug/L
RT: 10.93 min Scan# 1480
Delta R.T. -0.04 min
Lab File: VW015461.D
Acq: 22 May 2020 18:59

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 43 Resp: 6955
Ion Ratio Lower Upper
43 100
58 20.7 41.5 62.3#
57 21.2 15.3 22.9
100 0.0 9.5 14.3#



#52
Chlorobenzene
Concen: 25.166 ug/L
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW015461.D
Acq: 22 May 2020 18:59

Tgt Ion: 112 Resp: 263577
Ion Ratio Lower Upper
112 100
77 58.5 48.6 73.0
114 31.4 21.2 39.4

