

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW052220\
 Data File : VW015460.D
 Acq On : 22 May 2020 18:36
 Operator : SY/VA
 Sample : L2753-08MS
 Misc : 6.87G/10.0mL/MSVOA W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: May 23 03:57:31 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	303252	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	274500	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	114998	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	55098	14.52	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	58.08%
7) Chloroethane-d5	2.89	69	61575	16.83	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	67.32%
10) 1,1-Dichloroethene-d2	4.02	63	146498	18.99	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	75.96%
20) 2-Butanone-d5	7.08	46	61904	61.08	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	122.16%
24) Chloroform-d	7.65	84	173299	22.63	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.52%
26) 1,2-Dichloroethane-d4	8.31	65	107003	25.20	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.80%
29) Benzene-d6	8.27	84	328582	21.88	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	87.52%
33) 1,2-Dichloropropane-d6	9.27	67	106531	23.40	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.60%
37) Toluene-d8	10.32	98	311486	21.57	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.28%
38) trans-1,3-Dichloropropene-	10.58	79	47678	23.01	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.04%
39) 2-Hexanone-d5	10.93	63	52935	62.95	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	125.90%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	94158	27.47	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	109.88%
61) 1,2-Dichlorobenzene-d4	13.85	152	95900	23.78	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.12%

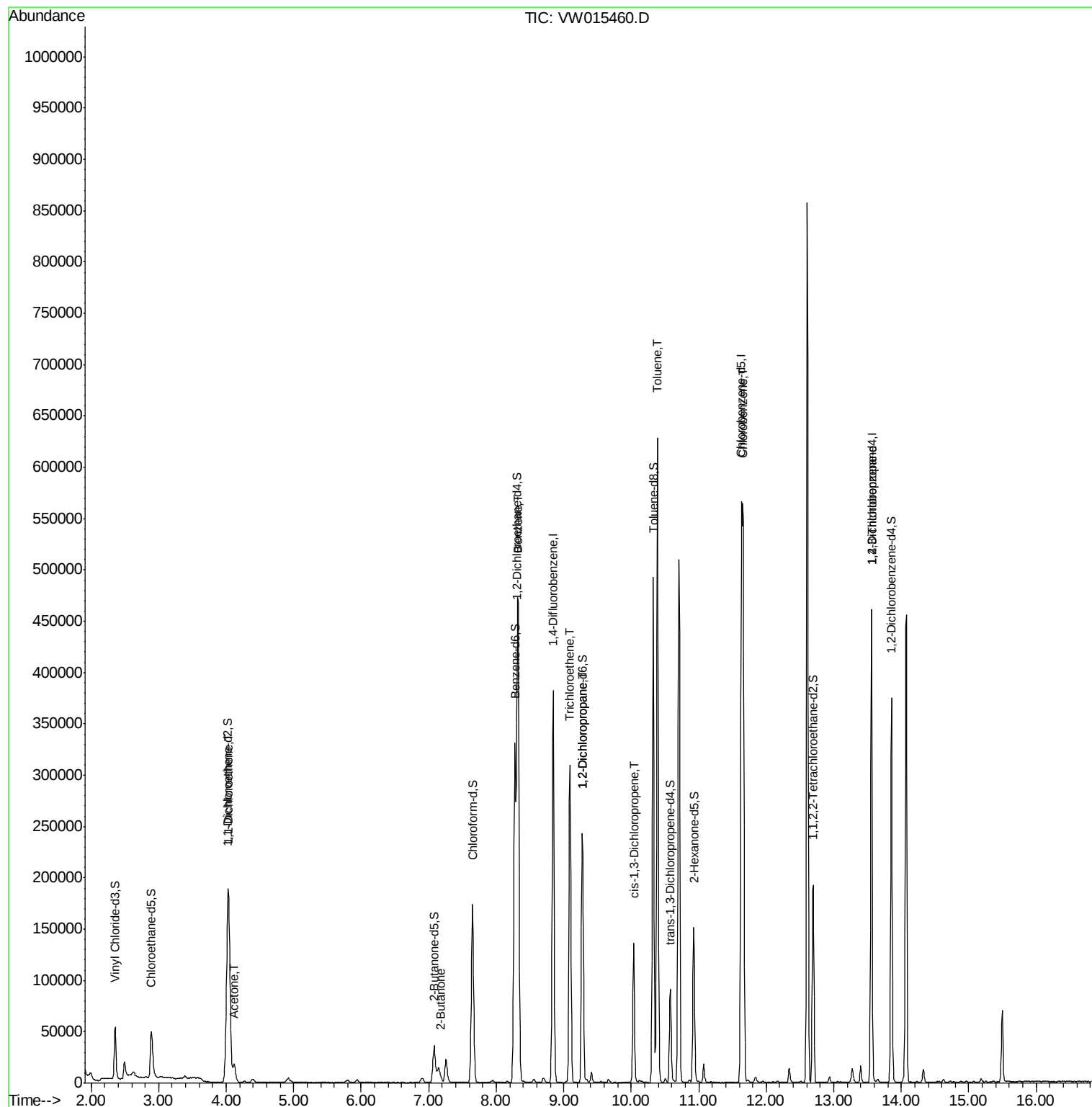
Target Compounds

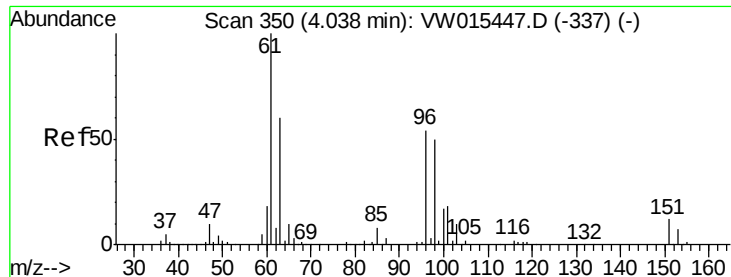
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#12

1,1-Dichloroethene

Concen: 21.937 ug/L

RT: 4.04 min Scan# 350

Delta R.T. -0.00 min

Lab File: VW015460.D

Acq: 22 May 2020 18:36

Instrument :
MSVOA_W
ClientSampled :

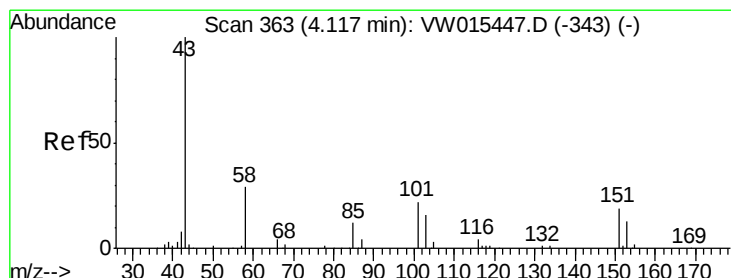
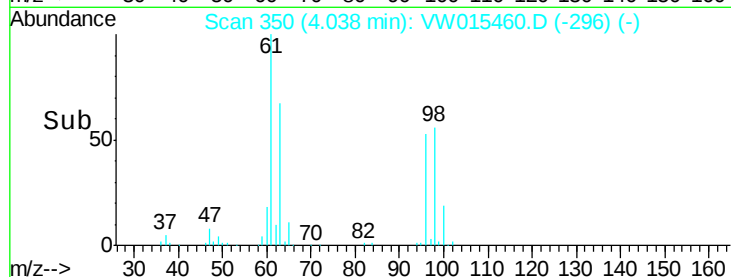
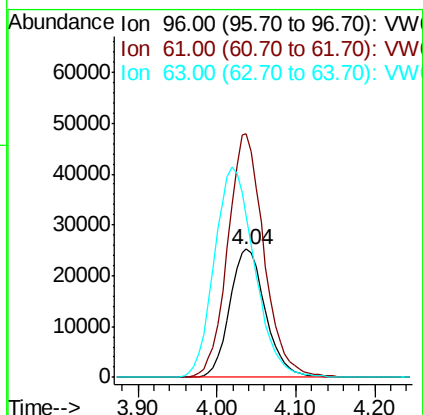
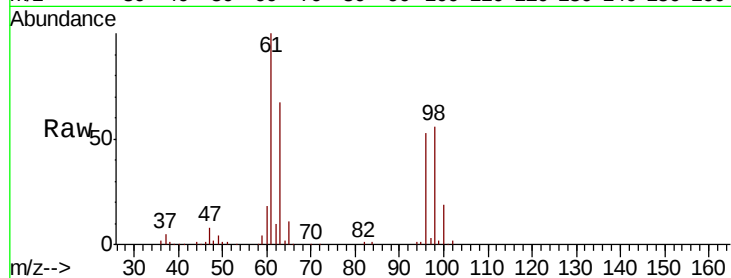
Tot Ion: 96 Resp: 79791

Ion Ratio Lower Upper

96 100

61 190.1 135.9 252.5

63 126.7 104.4 194.0



#13

Acetone

Concen: 35.653 ug/L

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

Lab File: VW015460.D

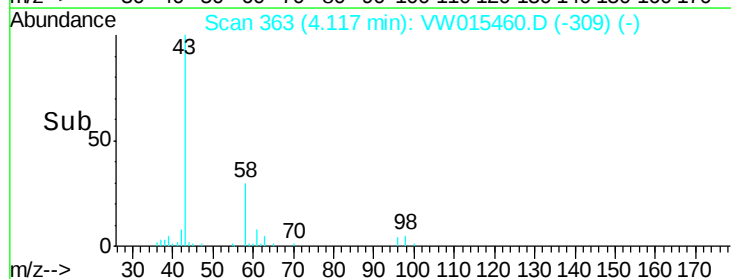
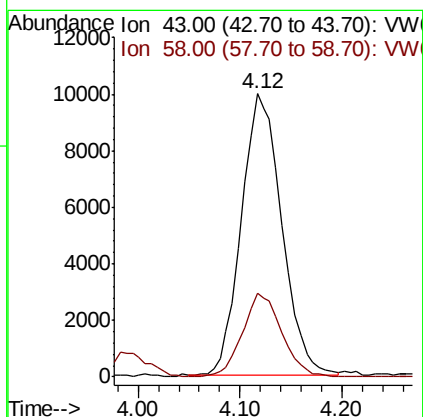
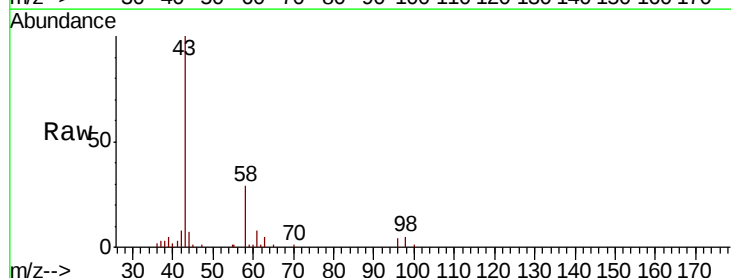
Acq: 22 May 2020 18:36

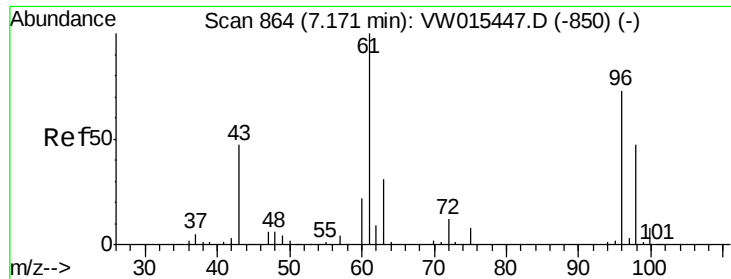
Tgt Ion: 43 Resp: 27361

Ion Ratio Lower Upper

43 100

58 29.0 0.0 57.0

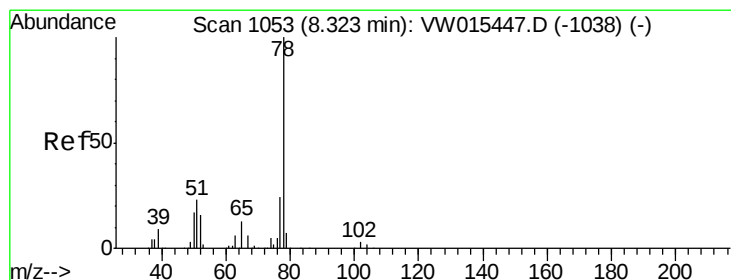
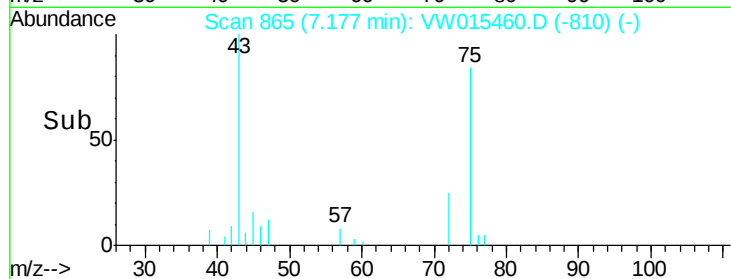
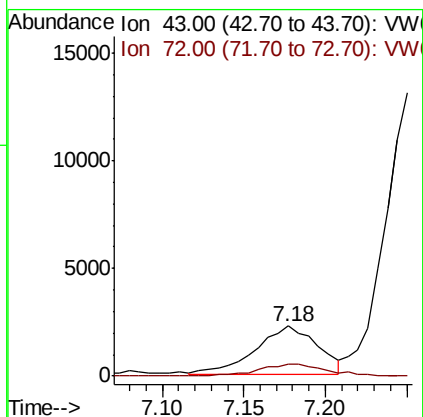
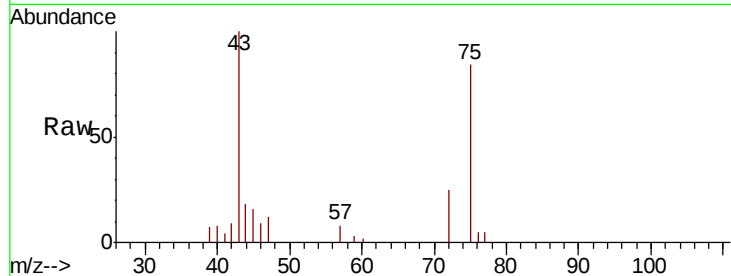




#21
 2-Butanone
 Concen: 5.134 ug/L
 RT: 7.18 min Scan# 865
 Delta R.T. 0.01 min
 Lab File: VW015460.D
 Acq: 22 May 2020 18:36

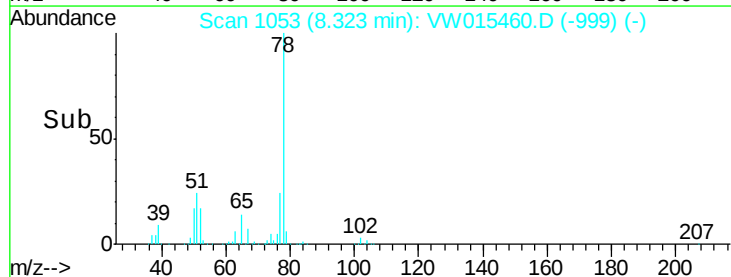
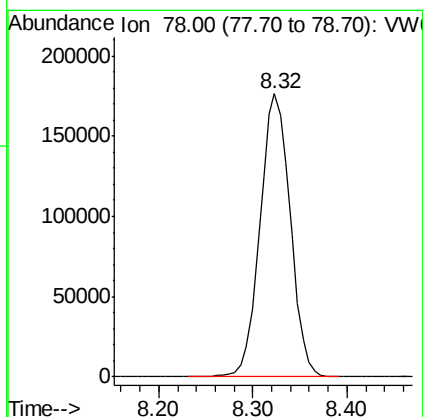
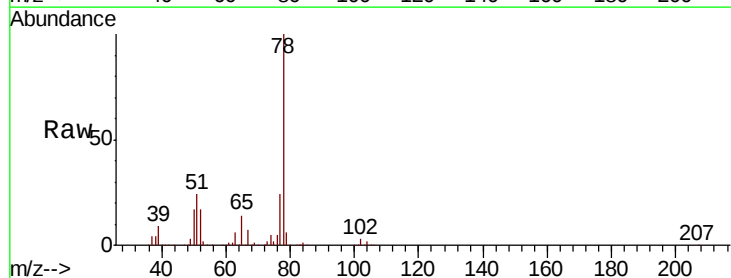
Instrument :
 MSVOA_W
 ClientSampled :

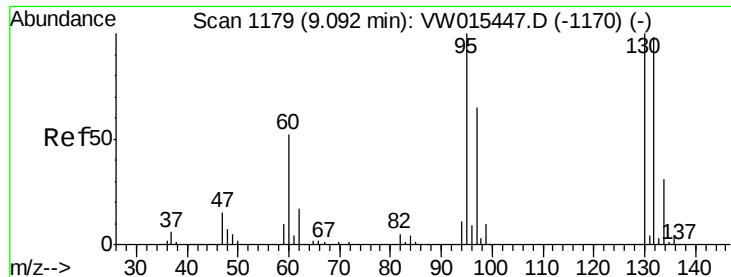
Tot Ion: 43 Resp: 5924
 Ion Ratio Lower Upper
 43 100
 72 26.3 13.6 40.8



#34
 Benzene
 Concen: 24.813 ug/L
 RT: 8.32 min Scan# 1053
 Delta R.T. -0.00 min
 Lab File: VW015460.D
 Acq: 22 May 2020 18:36

Tgt Ion: 78 Resp: 398478





#35

Trichloroethene

Concen: 24.082 ug/L

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW015460.D

Acq: 22 May 2020 18:36

Instrument :

MSVOA_W

ClientSampled :

Tot Ion: 95 Resp: 103637

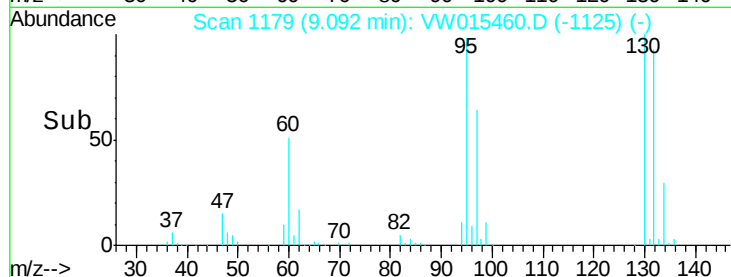
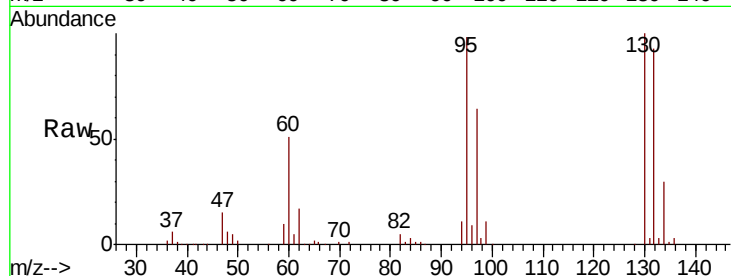
Ion Ratio Lower Upper

95 100

97 65.0 44.9 83.5

132 95.5 64.5 119.7

130 101.1 68.5 127.3



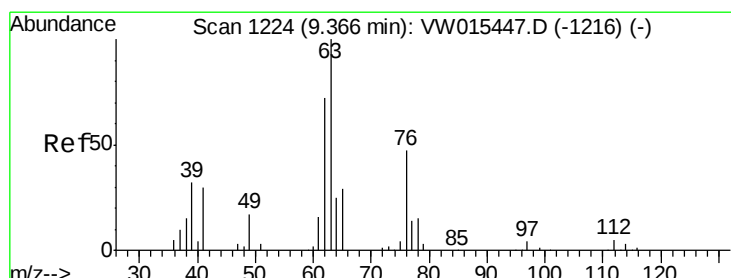
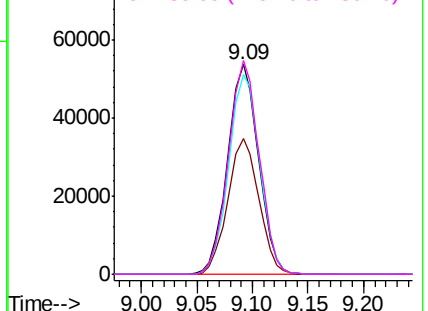
Abundance

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: 3.257 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.09 min

Lab File: VW015460.D

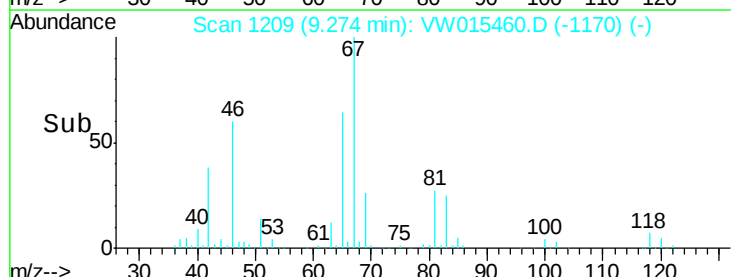
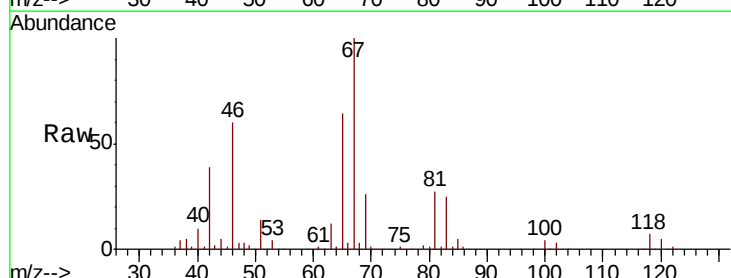
Acq: 22 May 2020 18:36

Tgt Ion: 63 Resp: 13073

Ion Ratio Lower Upper

63 100

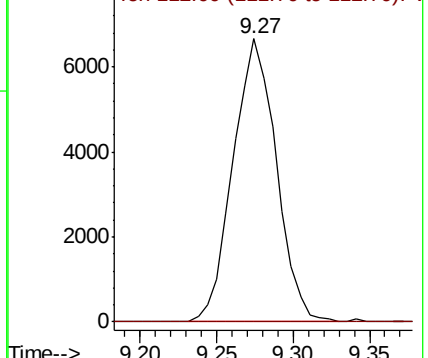
112 0.0 3.6 5.4#

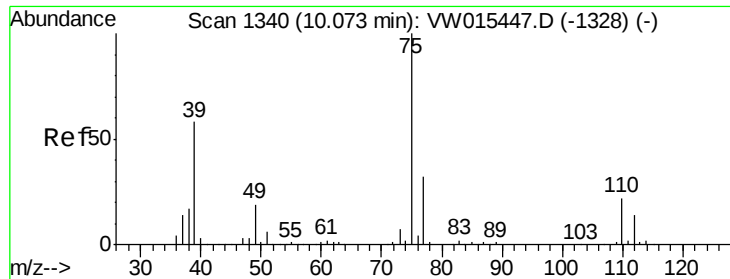


Abundance

Ion 63.00 (62.70 to 63.70): VW

Ion 112.00 (111.70 to 112.70): V





#42

cis-1,3-Dichloropropene

Concen: 0.556 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW015460.D

Acq: 22 May 2020 18:36

Instrument :

MSVOA_W

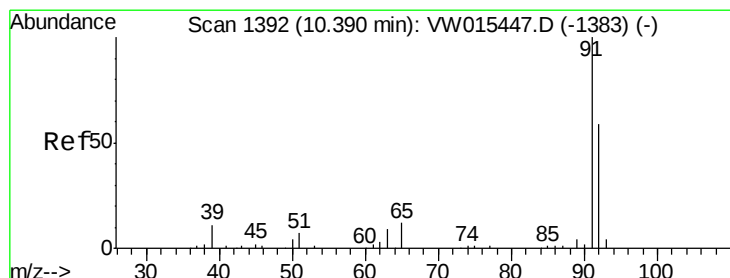
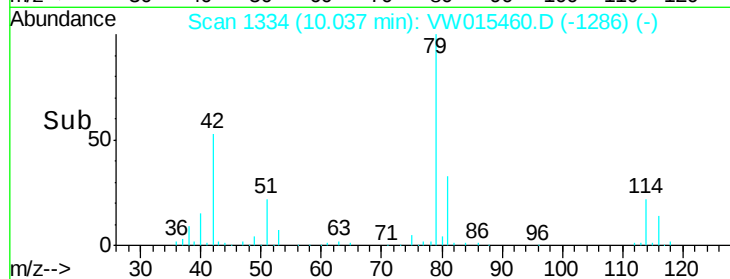
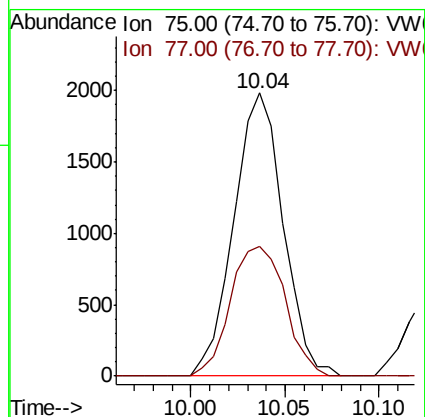
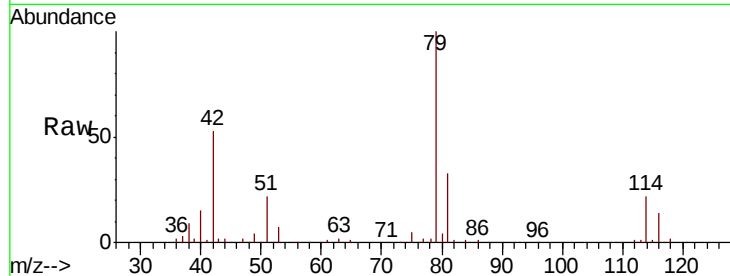
ClientSampled :

Tot Ion: 75 Resp: 3604

Ion Ratio Lower Upper

75 100

77 46.0 22.4 41.6#



#44

Toluene

Concen: 25.266 ug/L

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW015460.D

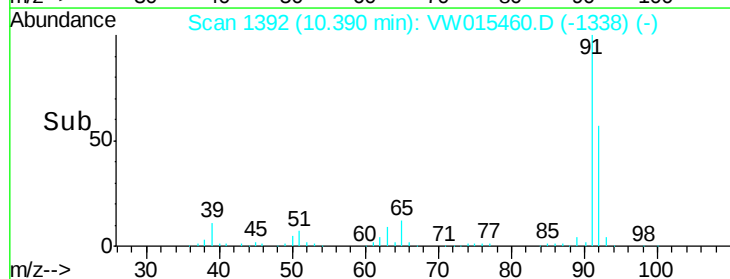
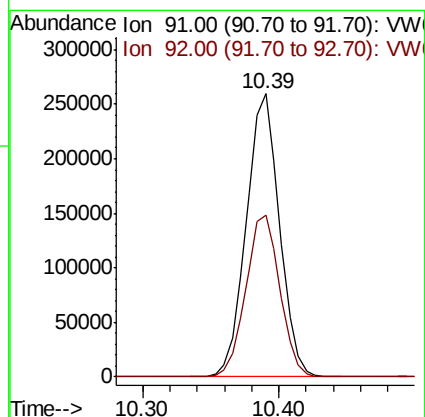
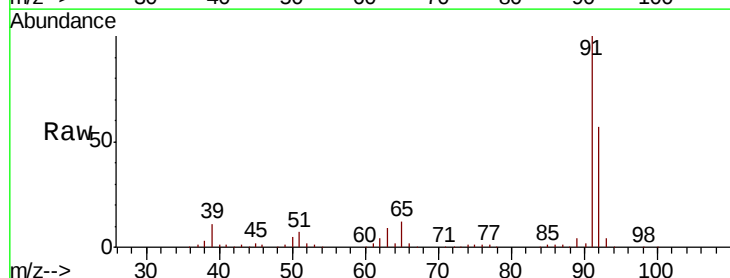
Acq: 22 May 2020 18:36

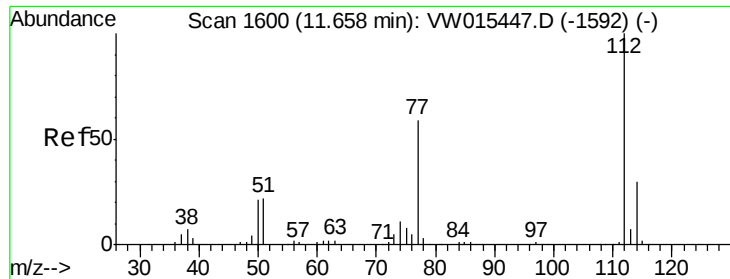
Tgt Ion: 91 Resp: 443457

Ion Ratio Lower Upper

91 100

92 57.0 39.8 74.0

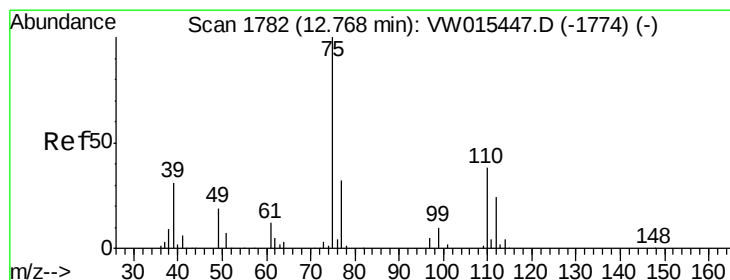
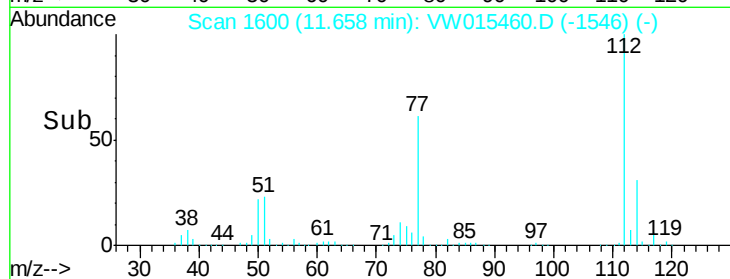
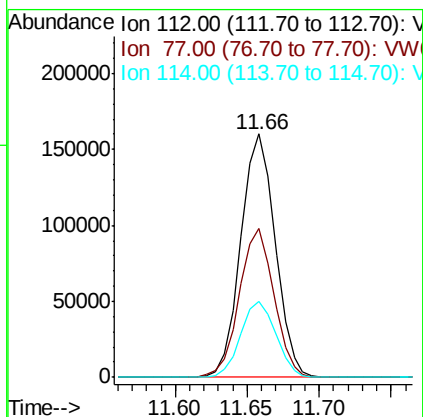
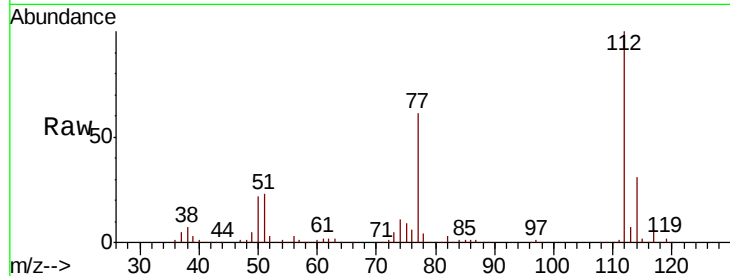




#52
Chlorobenzene
Concen: 24.009 ug/L
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW015460.D
Acq: 22 May 2020 18:36

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:112 Resp: 265855
Ion Ratio Lower Upper
112 100
77 61.4 48.6 73.0
114 31.2 21.2 39.4



#59
1,2,3-Trichloropropane
Concen: 5.816 ug/L
RT: 13.56 min Scan# 1912
Delta R.T. 0.79 min
Lab File: VW015460.D
Acq: 22 May 2020 18:36

Tgt Ion: 75 Resp: 14785
Ion Ratio Lower Upper
75 100
77 37.9 25.9 38.9

