

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW052620\
 Data File : VW015477.D
 Acq On : 26 May 2020 17:39
 Operator : SY/VA
 Sample : L2754-05MS
 Misc : 8.53G/10.0mL/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: May 27 01:07:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM052620S.M
 Quant Title : VOC Analysis
 QLast Update : Wed May 27 01:05:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	309540	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	288300	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	127583	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	79381	27.98	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	111.92%
7) Chloroethane-d5	2.89	69	75061	26.61	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	106.44%
10) 1,1-Dichloroethene-d2	4.02	63	167199	24.19	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	96.76%
20) 2-Butanone-d5	7.08	46	62374	67.35	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	134.70%
24) Chloroform-d	7.65	84	169741	23.71	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.84%
26) 1,2-Dichloroethane-d4	8.31	65	108579	27.27	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	109.08%
29) Benzene-d6	8.27	84	344387	24.36	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.44%
33) 1,2-Dichloropropane-d6	9.27	67	104994	24.44	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.76%
37) Toluene-d8	10.32	98	321357	23.38	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.52%
38) trans-1,3-Dichloropropene-	10.58	79	49684	25.00	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	100.00%
39) 2-Hexanone-d5	10.93	63	54048	72.66	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	145.32%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	93957	29.04	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	116.16%
61) 1,2-Dichlorobenzene-d4	13.85	152	105313	24.63	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.52%

Target Compounds

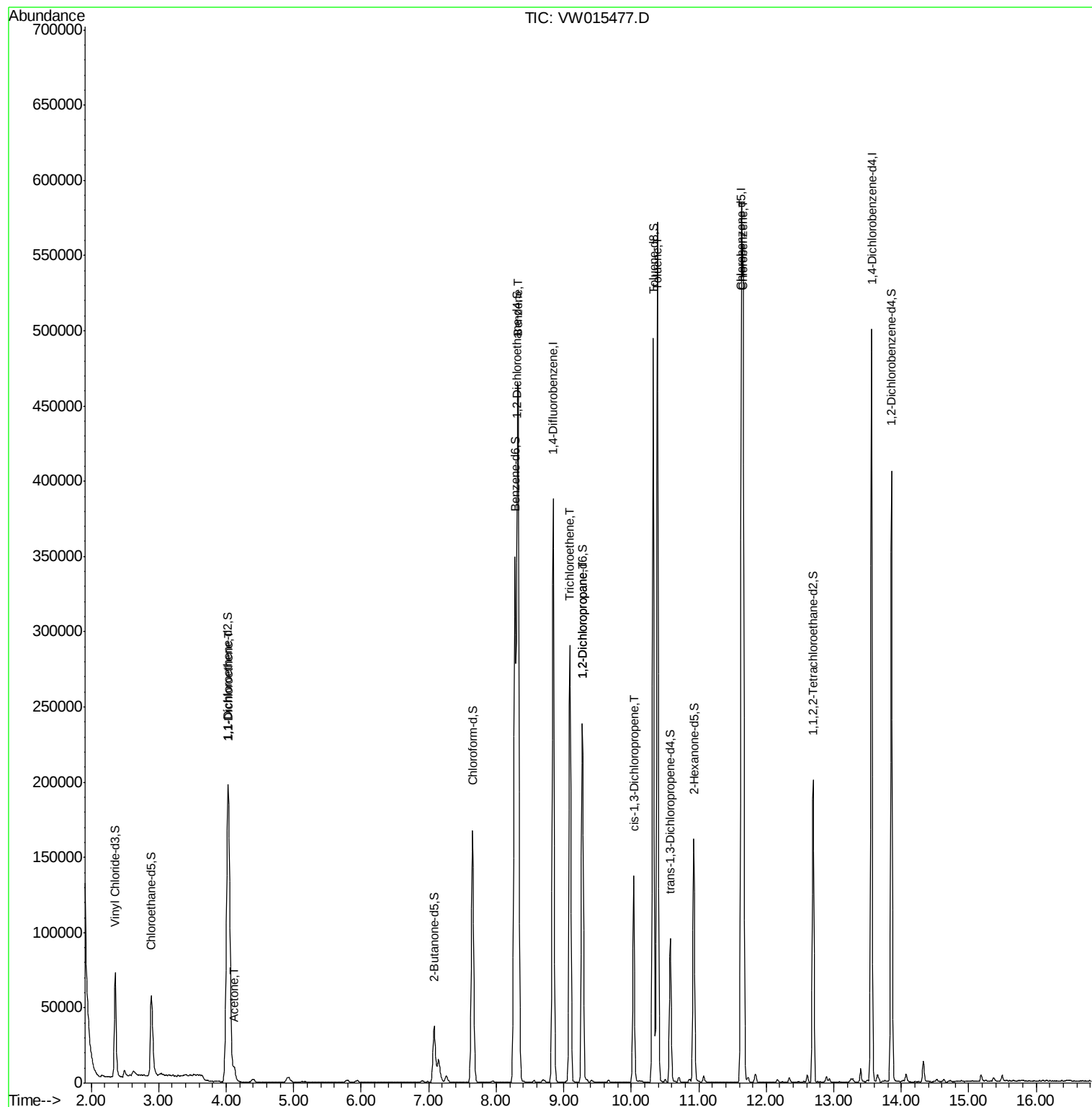
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	4.04	96	78738	21.333	ug/L	96
13) Acetone	4.12	43	11636	16.252	ug/L	96
34) Benzene	8.32	78	384285	23.835	ug/L	100
35) Trichloroethene	9.09	95	97637	22.545	ug/L	99
40) 1,2-Dichloropropane	9.27	63	12739	3.209	ug/L #	85
42) cis-1,3-Dichloropropene	10.04	75	3662	0.576	ug/L #	72
44) Toluene	10.39	91	409491	23.312	ug/L	100
52) Chlorobenzene	11.66	112	253223	22.983	ug/L	98

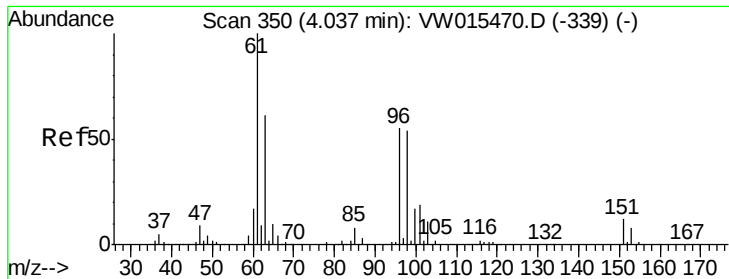
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: May 27 01:07:53 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM052620S.M
Quant Title : VOC Analysis
QLast Update : Wed May 27 01:05:50 2020
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 21.333 ug/L

RT: 4.04 min Scan# 350

Delta R.T. 0.00 min

Lab File: VW015477.D

Acq: 26 May 2020 17:39

Instrument :
MSVOA_W
ClientSampled :

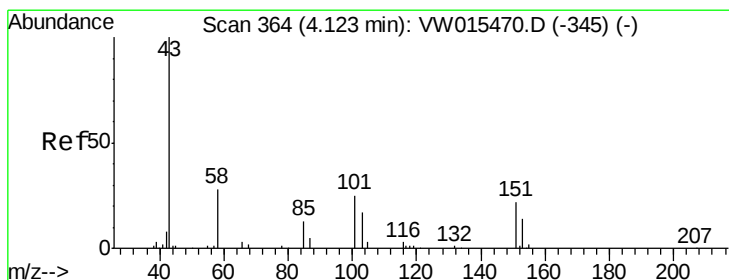
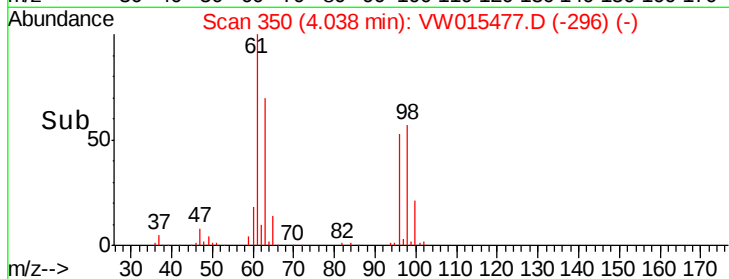
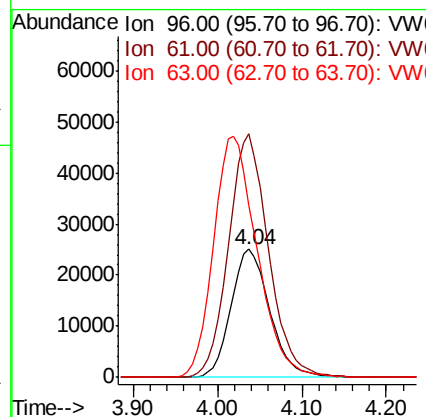
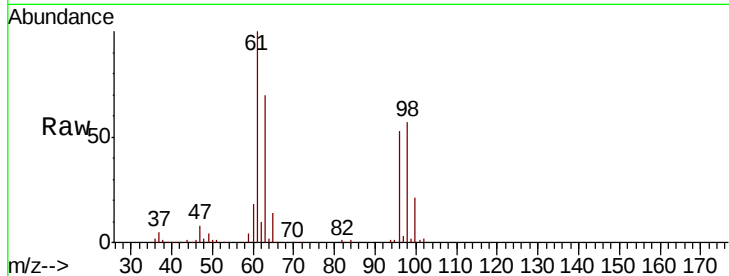
Tot Ion: 96 Resp: 78738

Ion Ratio Lower Upper

96 100

61 189.9 127.7 237.1

63 133.8 92.3 171.5



#13

Acetone

Concen: 16.252 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.00 min

Lab File: VW015477.D

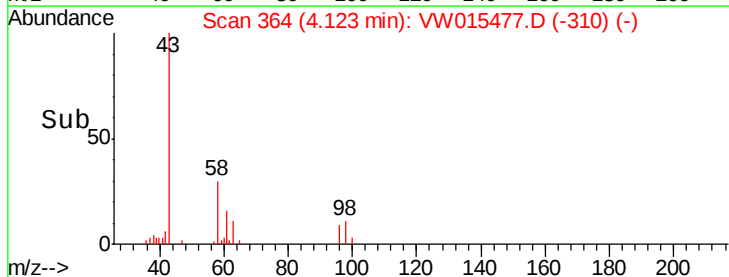
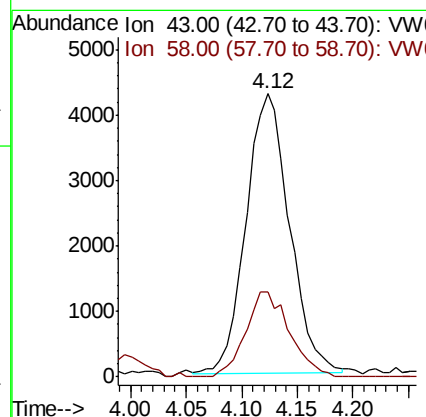
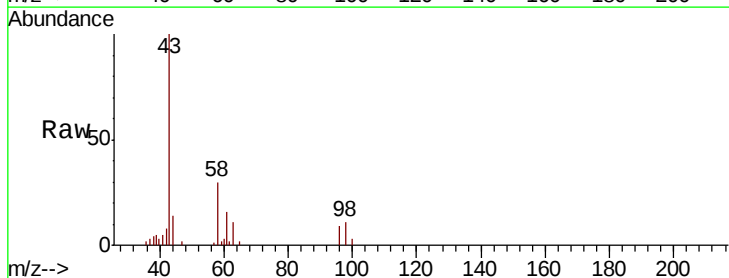
Acq: 26 May 2020 17:39

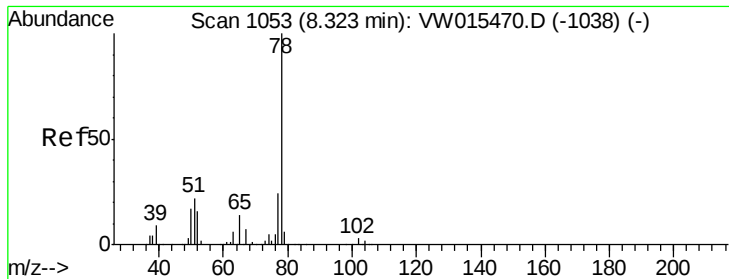
Tgt Ion: 43 Resp: 11636

Ion Ratio Lower Upper

43 100

58 30.7 0.0 56.8





#34

Benzene

Concen: 23.835 ug/L

RT: 8.32 min Scan# 1053

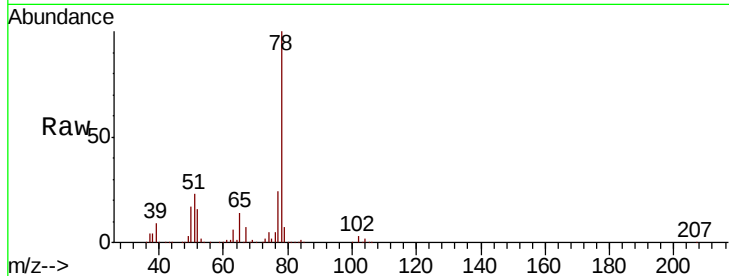
Delta R.T. 0.00 min

Lab File: VW015477.D

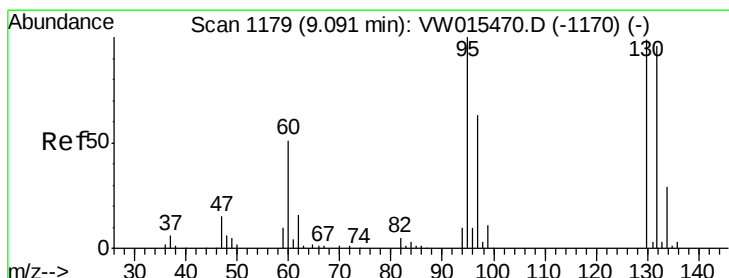
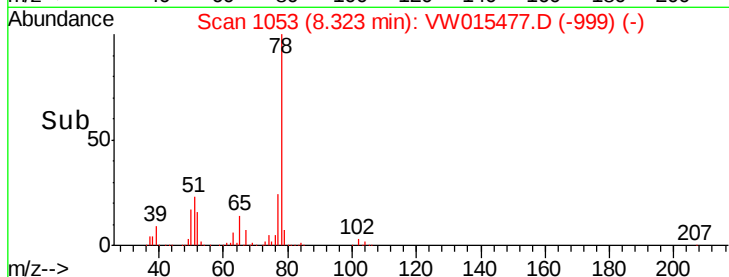
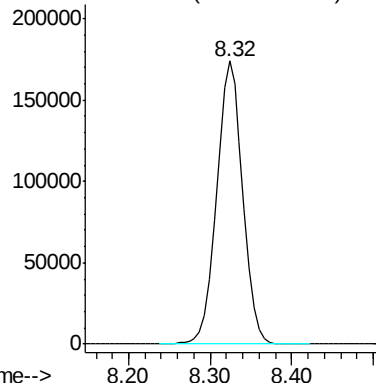
Acq: 26 May 2020 17:39

Instrument :
MSVOA_W
ClientSampled :

Tgt Ion: 78 Resp: 384285



Abundance Ion 78.00 (77.70 to 78.70): VW



#35

Trichloroethene

Concen: 22.545 ug/L

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW015477.D

Acq: 26 May 2020 17:39

Tgt Ion: 95 Resp: 97637

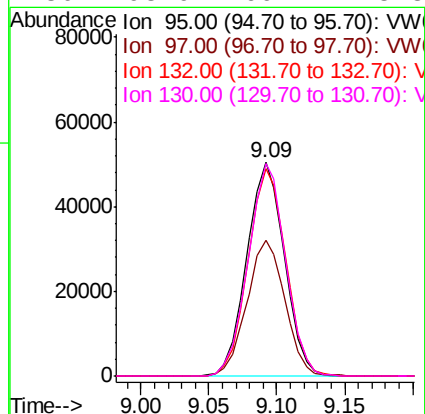
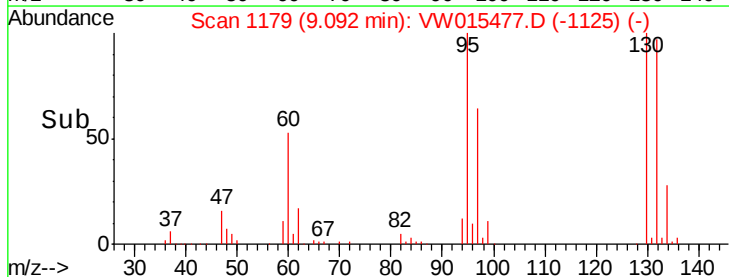
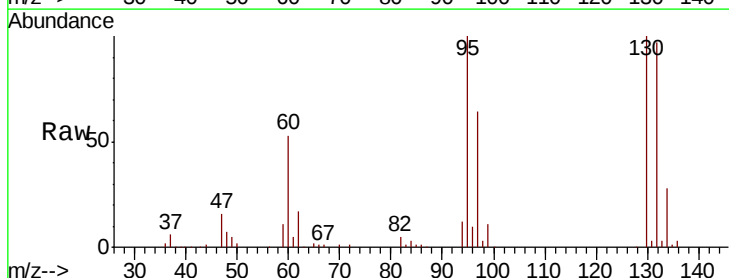
Ion	Ratio	Lower	Upper
95	100		
97	64.3	45.4	84.2
132	97.9	67.1	124.7
130	98.9	69.4	128.8

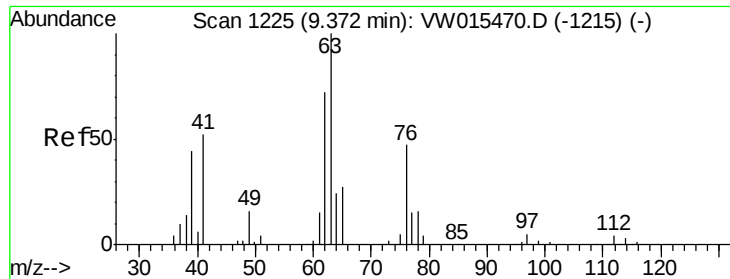
Abundance Ion 95.00 (94.70 to 95.70): VW

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

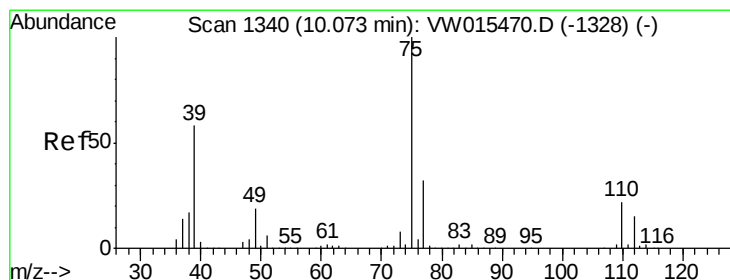
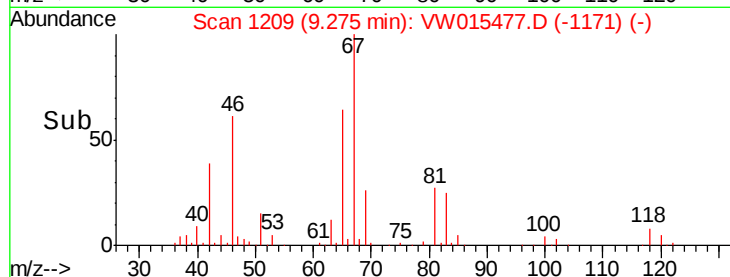
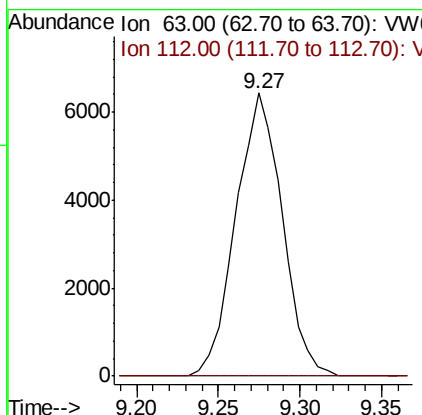
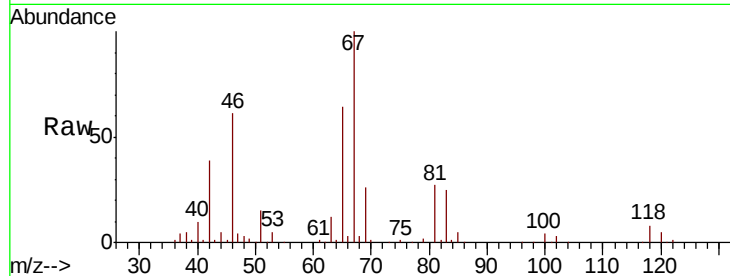




#40
 1,2-Dichloropropane
 Concen: 3.209 ug/L
 RT: 9.27 min Scan# 1209
 Delta R.T. -0.10 min
 Lab File: VW015477.D
 Acq: 26 May 2020 17:39

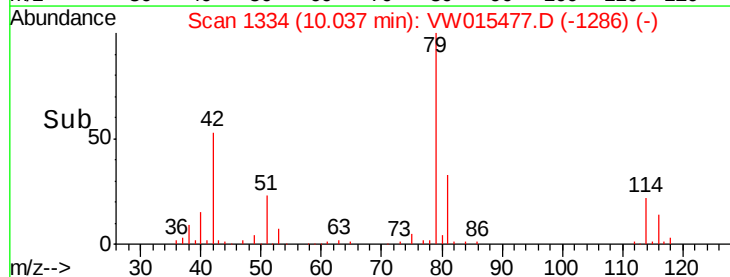
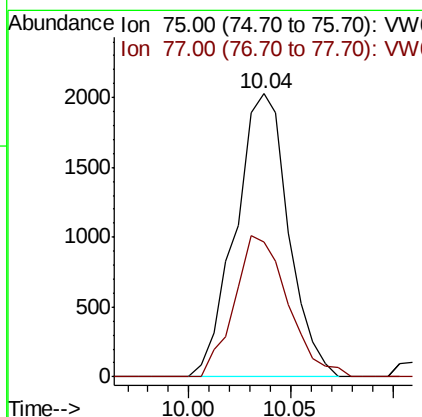
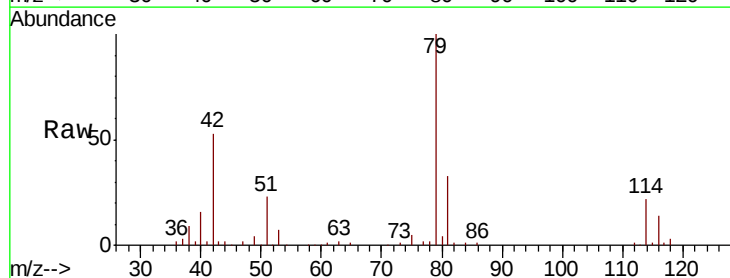
Instrument :
 MSVOA_W
 ClientSampleId :

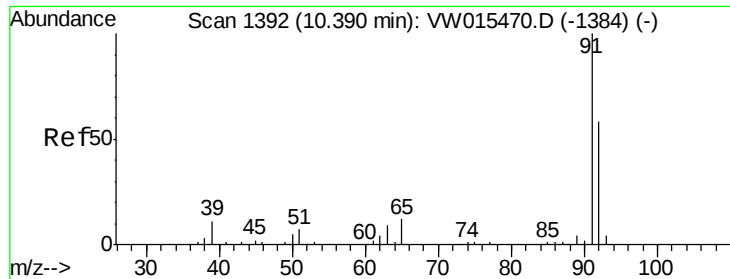
Tot Ion: 63 Resp: 12739
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.8 5.8#



#42
 cis-1,3-Dichloropropene
 Concen: 0.576 ug/L
 RT: 10.04 min Scan# 1334
 Delta R.T. -0.04 min
 Lab File: VW015477.D
 Acq: 26 May 2020 17:39

Tgt Ion: 75 Resp: 3662
 Ion Ratio Lower Upper
 75 100
 77 47.5 22.3 41.5#





#44

Toluene

Concen: 23.312 ug/L

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW015477.D

Acq: 26 May 2020 17:39

Instrument :

MSVOA_W

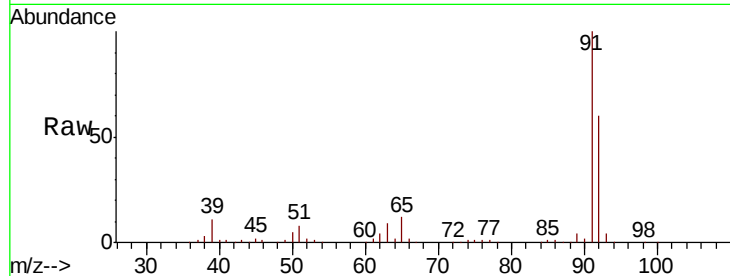
ClientSampleId :

Tot Ion: 91 Resp: 409491

Ion Ratio Lower Upper

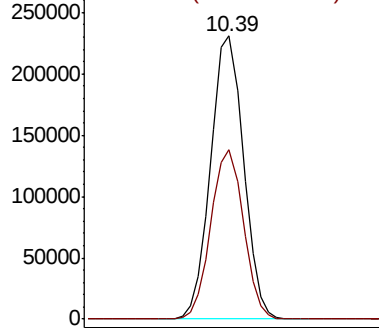
91 100

92 59.9 41.7 77.5

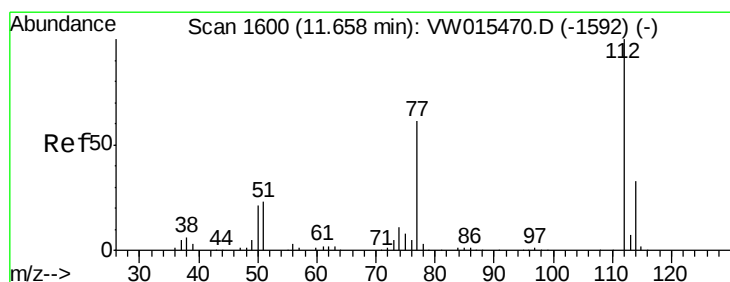
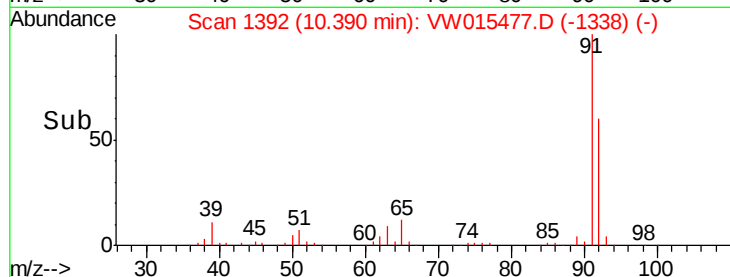


Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW



Time-->



#52

Chlorobenzene

Concen: 22.983 ug/L

RT: 11.66 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VW015477.D

Acq: 26 May 2020 17:39

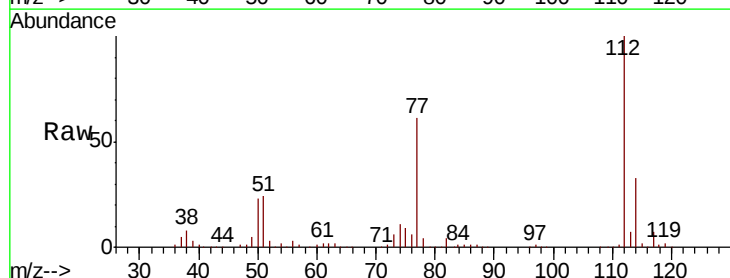
Tgt Ion: 112 Resp: 253223

Ion Ratio Lower Upper

112 100

77 61.1 49.7 74.5

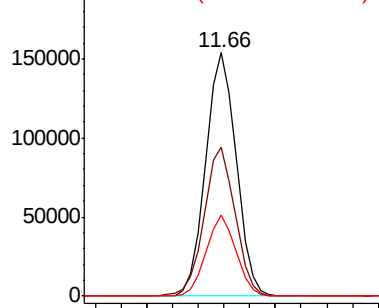
114 33.5 21.8 40.6



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 77.00 (76.70 to 77.70): VW

Ion 114.00 (113.70 to 114.70): V



Time-->

