

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW052620\
 Data File : VW015478.D
 Acq On : 26 May 2020 18:02
 Operator : SY/VA
 Sample : L2754-06MSD
 Misc : 9.43G/10.0mL/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: May 27 01:08:00 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	360086	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	328633	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	150732	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	100766	30.54	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	122.16%
7) Chloroethane-d5	2.89	69	94773	28.88	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	115.52%
10) 1,1-Dichloroethene-d2	4.02	63	204736	25.46	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	101.84%
20) 2-Butanone-d5	7.08	46	58123	53.95	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	107.90%
24) Chloroform-d	7.65	84	217437	26.11	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	104.44%
26) 1,2-Dichloroethane-d4	8.31	65	129494	27.95	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	111.80%
29) Benzene-d6	8.27	84	436366	27.08	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	108.32%
33) 1,2-Dichloropropane-d6	9.27	67	132596	27.07	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	108.28%
37) Toluene-d8	10.32	98	415027	26.49	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	105.96%
38) trans-1,3-Dichloropropene-	10.58	79	60024	26.49	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	105.96%
39) 2-Hexanone-d5	10.93	63	51834	61.13	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	122.26%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	100835	27.34	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	109.36%
61) 1,2-Dichlorobenzene-d4	13.85	152	139091	27.54	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	110.16%

Target Compounds

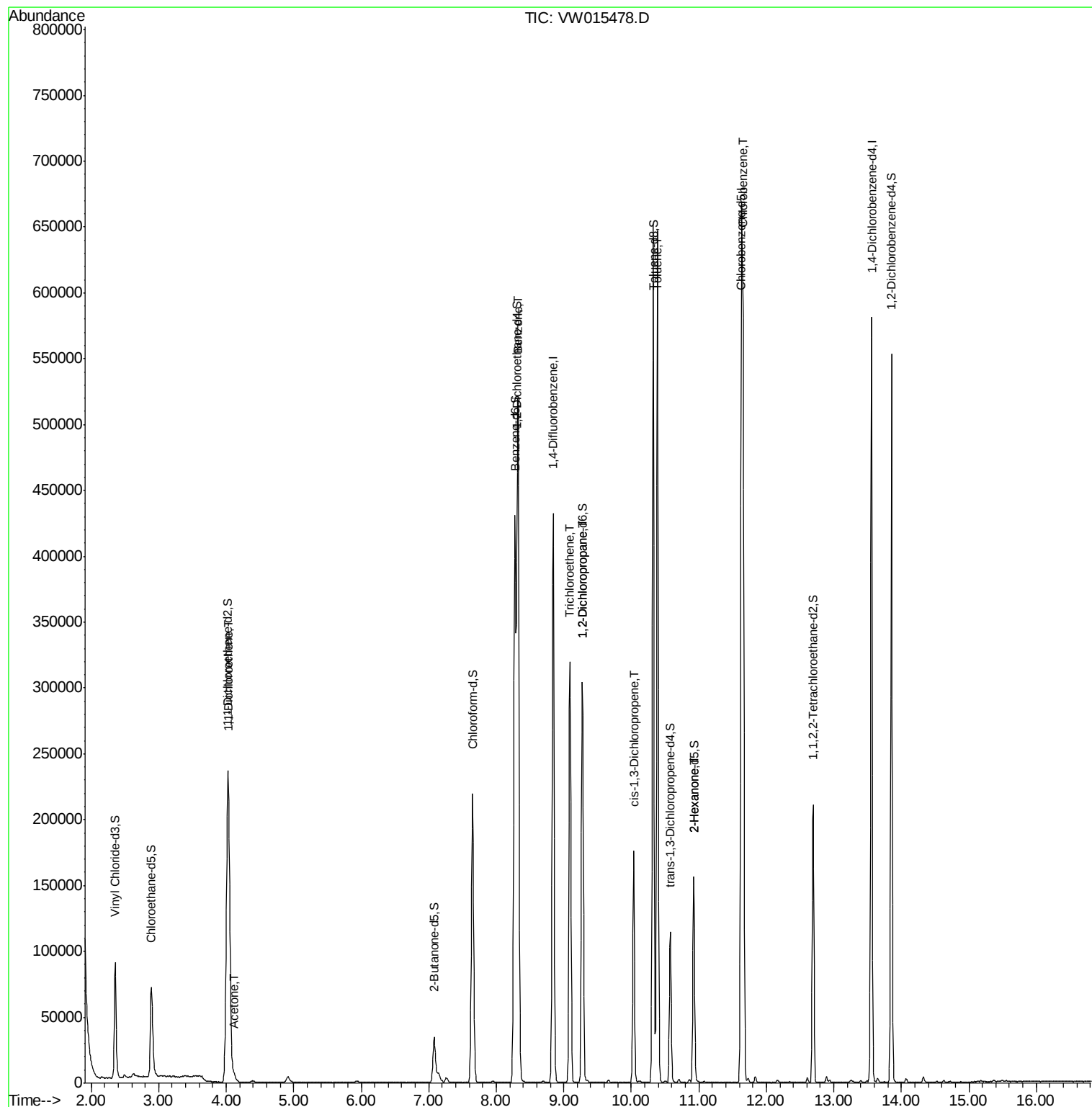
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	4.04	96	87240	20.319	ug/L	93
13) Acetone	4.12	43	6420	7.708	ug/L	98
34) Benzene	8.32	78	425985	23.179	ug/L	100
35) Trichloroethene	9.09	95	109068	22.094	ug/L	100
40) 1,2-Dichloropropane	9.27	63	16466	3.638	ug/L #	85
42) cis-1,3-Dichloropropene	10.04	75	4519	0.624	ug/L #	77
44) Toluene	10.39	91	462744	23.111	ug/L	99
49) 2-Hexanone	10.93	43	6896	3.851	ug/L #	64
52) Chlorobenzene	11.66	112	289687	23.066	ug/L	99

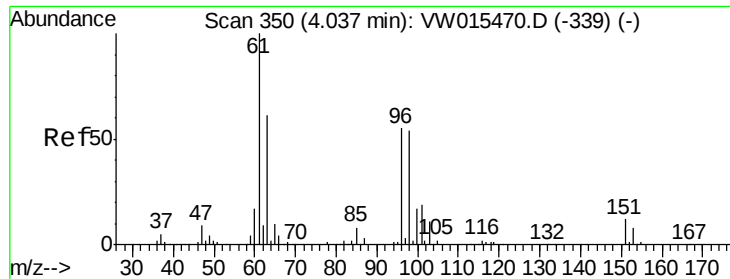
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed May 27 01:05:50 2020
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 20.319 ug/L

RT: 4.04 min Scan# 350

Delta R.T. 0.00 min

Lab File: VW015478.D

Acq: 26 May 2020 18:02

Instrument :

MSVOA_W

ClientSampleId :

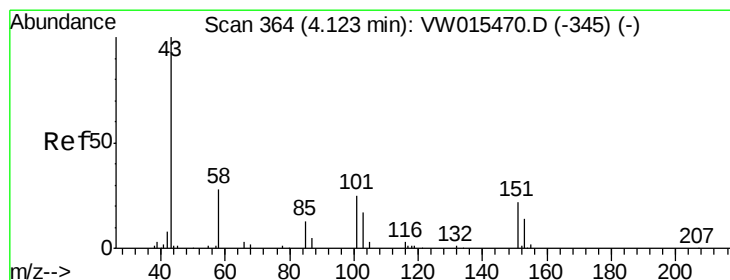
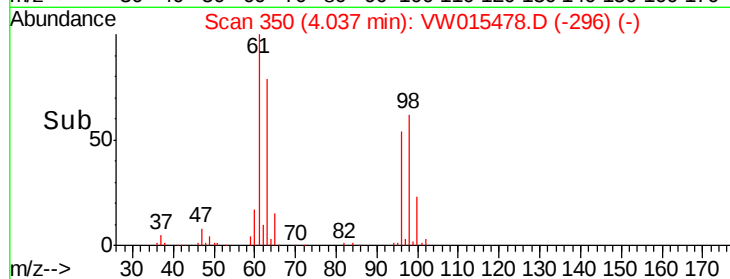
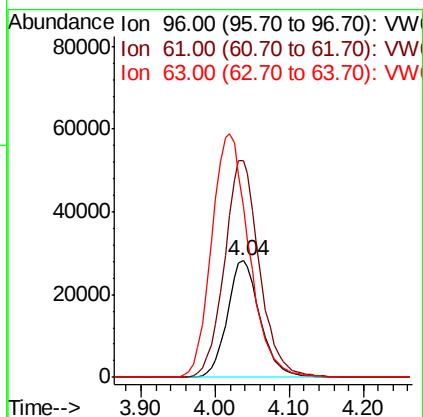
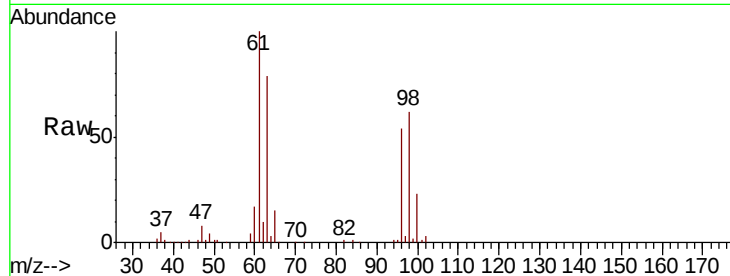
Tot Ion: 96 Resp: 87240

Ion Ratio Lower Upper

96 100

61 186.1 127.7 237.1

63 146.3 92.3 171.5



#13

Acetone

Concen: 7.708 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.00 min

Lab File: VW015478.D

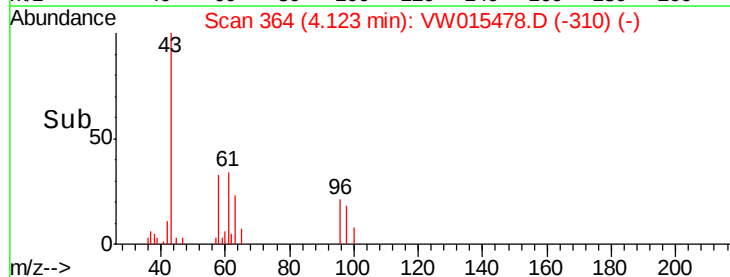
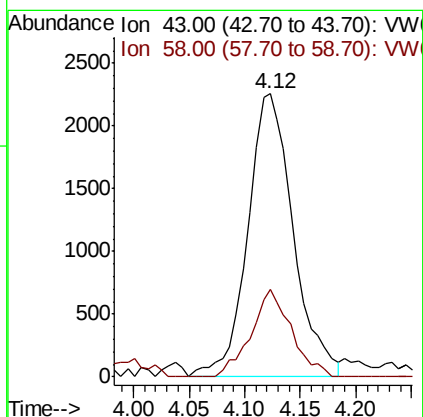
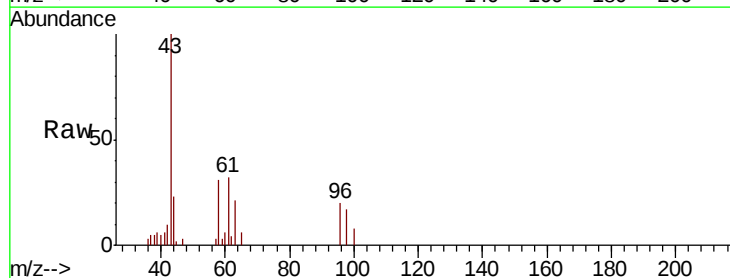
Acq: 26 May 2020 18:02

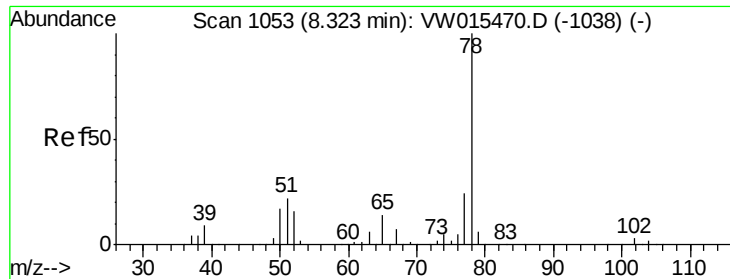
Tgt Ion: 43 Resp: 6420

Ion Ratio Lower Upper

43 100

58 27.5 0.0 56.8





#34

Benzene

Concen: 23.179 ug/L

RT: 8.32 min Scan# 1053

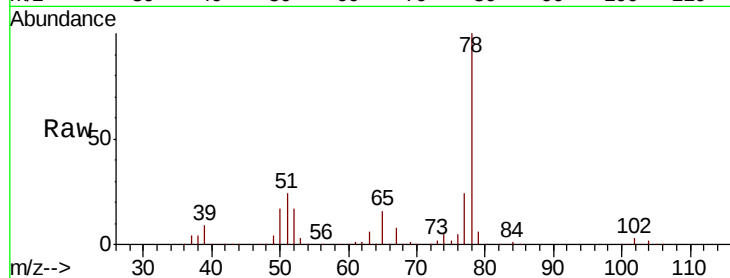
Delta R.T. 0.00 min

Lab File: VW015478.D

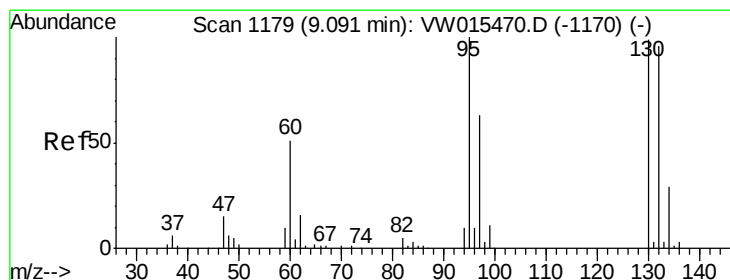
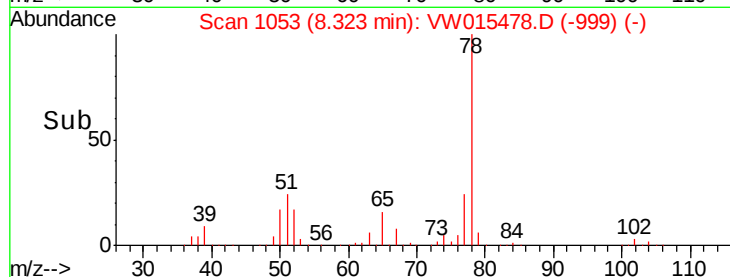
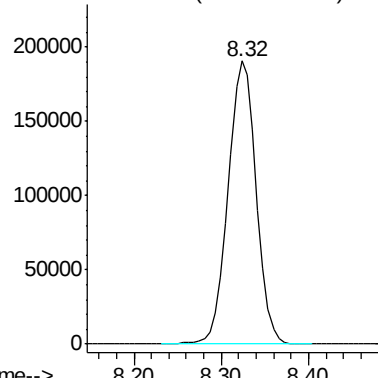
Acq: 26 May 2020 18:02

Instrument :
MSVOA_W
ClientSampled :

Tgt Ion: 78 Resp: 425985



Abundance Ion 78.00 (77.70 to 78.70): VW



#35

Trichloroethene

Concen: 22.094 ug/L

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW015478.D

Acq: 26 May 2020 18:02

Tgt Ion: 95 Resp: 109068

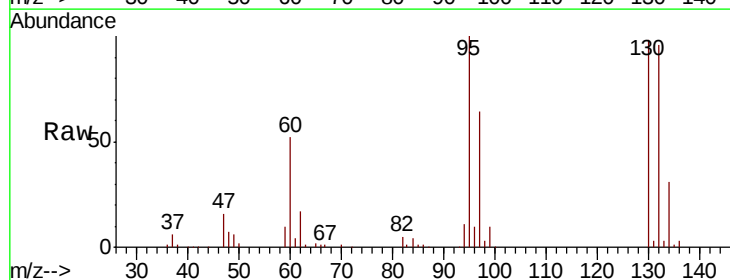
Ion	Ratio	Lower	Upper
95	100		
97	64.8	45.4	84.2
132	96.0	67.1	124.7
130	100.0	69.4	128.8

95 100

97 64.8 45.4 84.2

132 96.0 67.1 124.7

130 100.0 69.4 128.8

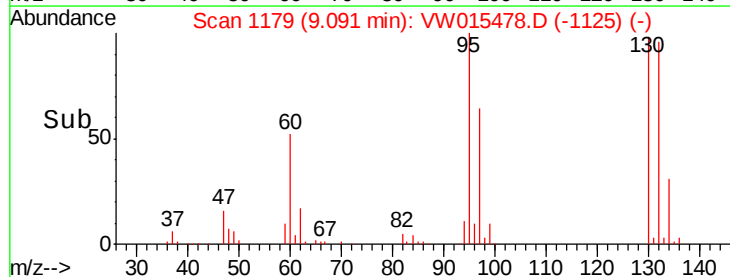
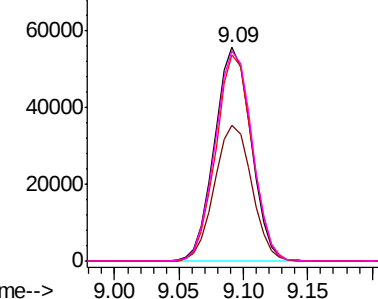


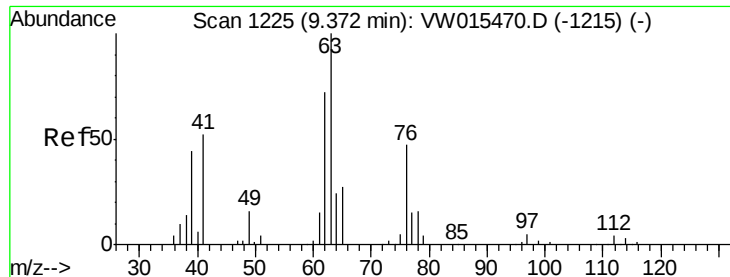
Abundance Ion 95.00 (94.70 to 95.70): VW

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: 3.638 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.10 min

Lab File: VW015478.D

Acq: 26 May 2020 18:02

Instrument :

MSVOA_W

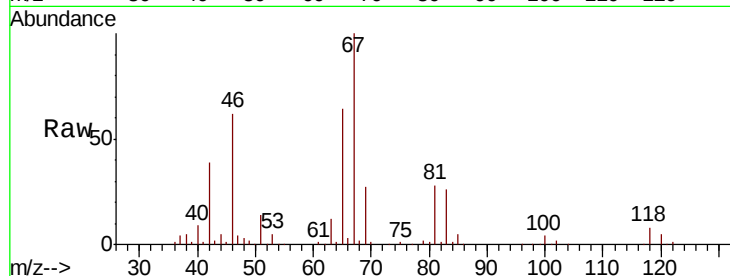
ClientSampleId :

Tot Ion: 63 Resp: 16466

Ion Ratio Lower Upper

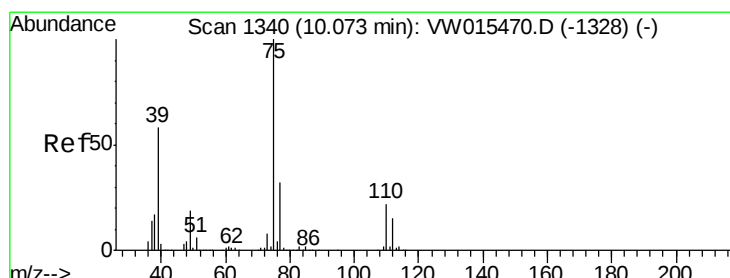
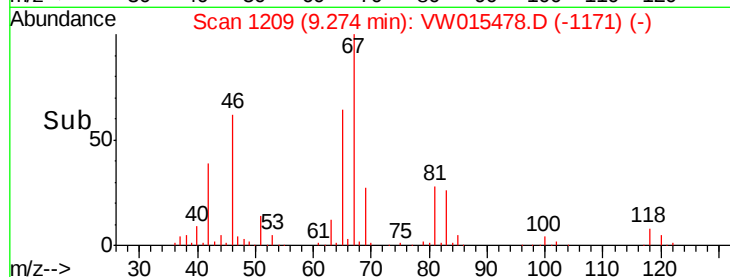
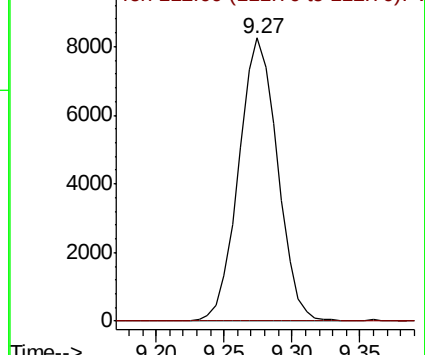
63 100

112 0.0 3.8 5.8#



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: 0.624 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW015478.D

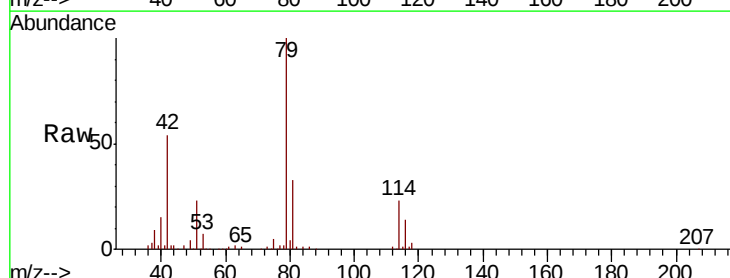
Acq: 26 May 2020 18:02

Tgt Ion: 75 Resp: 4519

Ion Ratio Lower Upper

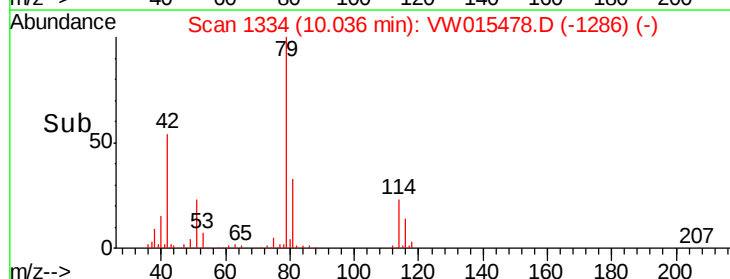
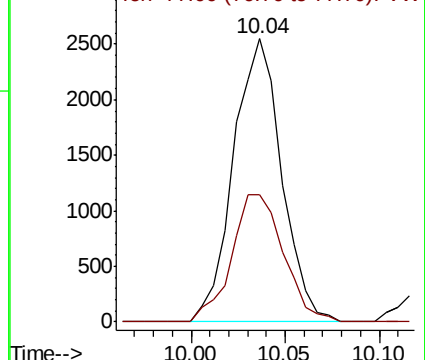
75 100

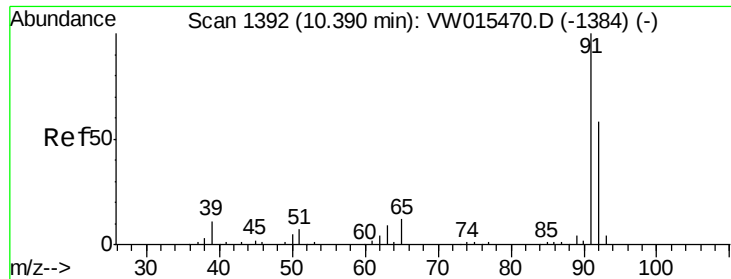
77 44.8 22.3 41.5#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW





#44

Toluene

Concen: 23.111 ug/L

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW015478.D

Acq: 26 May 2020 18:02

Instrument :

MSVOA_W

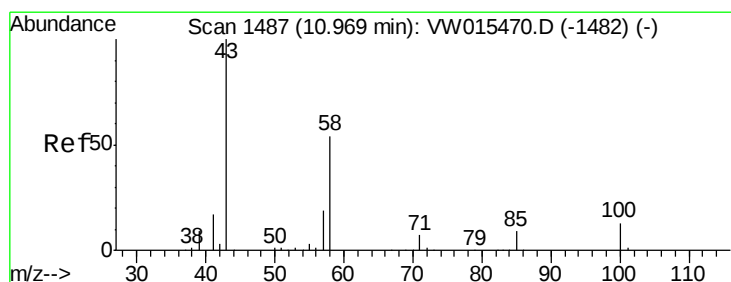
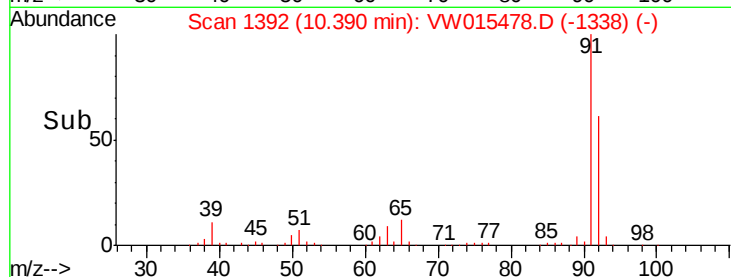
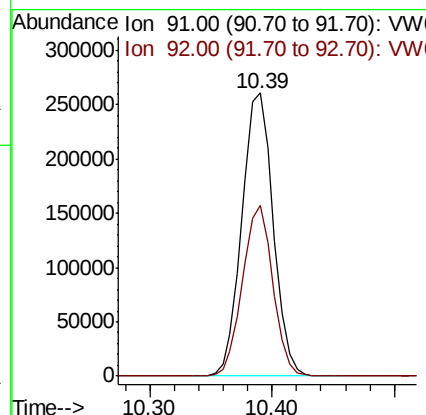
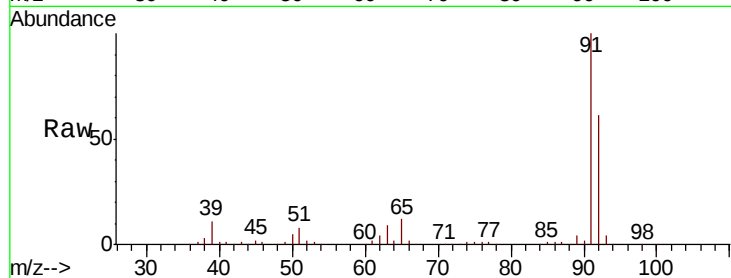
ClientSampleId :

Tot Ion: 91 Resp: 462744

Ion Ratio Lower Upper

91 100

92 60.5 41.7 77.5



#49

2-Hexanone

Concen: 3.851 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

Lab File: VW015478.D

Acq: 26 May 2020 18:02

Tgt Ion: 43 Resp: 6896

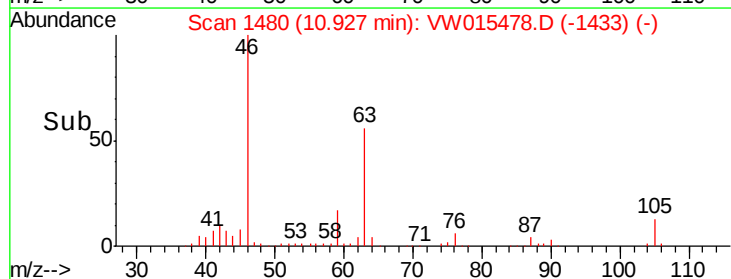
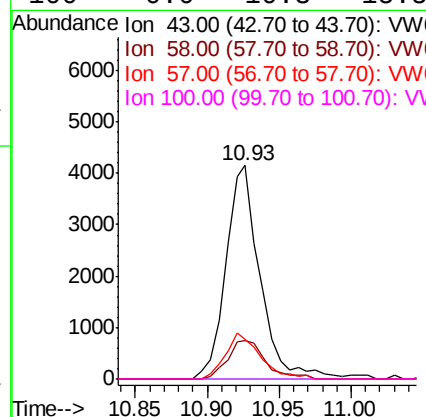
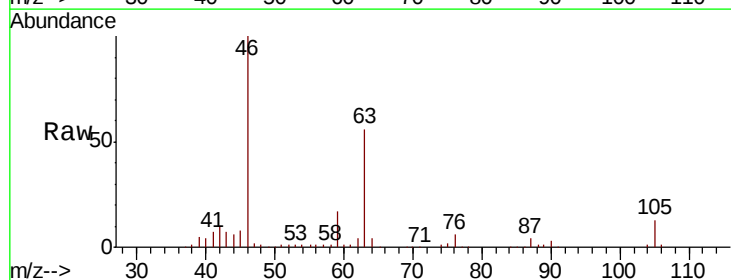
Ion Ratio Lower Upper

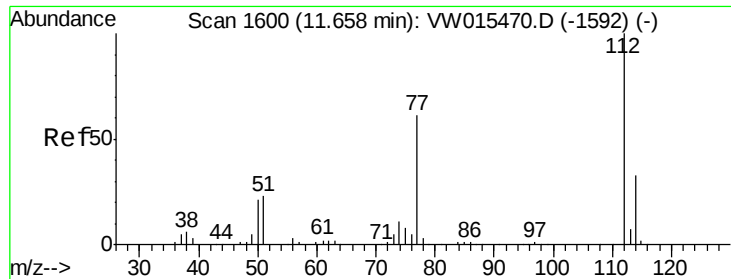
43 100

58 19.6 42.6 64.0#

57 22.0 15.5 23.3

100 0.0 10.3 15.5#





#52

Chlorobenzene

Concen: 23.066 ug/L

RT: 11.66 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VW015478.D

Acq: 26 May 2020 18:02

Instrument :

MSVOA_W

ClientSampleId :

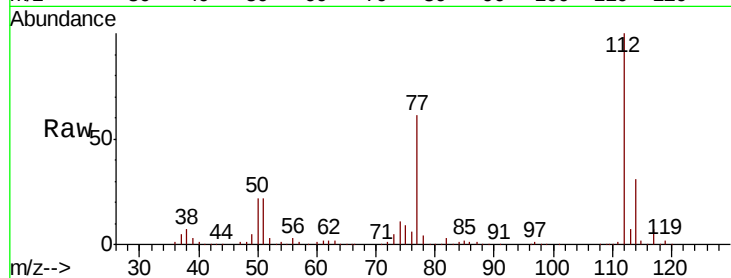
Tot Ion:112 Resp: 289687

Ion Ratio Lower Upper

112 100

77 60.9 49.7 74.5

114 31.0 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

