

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072320\
 Data File : VW015924.D
 Acq On : 23 Jul 2020 16:16
 Operator : SY/VA
 Sample : L3395-03MSD
 Misc : 5.82G/10ML/MSVOA W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 24 07:02:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 24 06:59:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	388863	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	342735	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	117733	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	118297	21.56	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.24%
7) Chloroethane-d5	2.90	69	91415	20.51	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.04%
10) 1,1-Dichloroethene-d2	4.02	63	227438	20.50	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	82.00%
20) 2-Butanone-d5	7.09	46	83040	57.61	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	115.22%
24) Chloroform-d	7.65	84	222622	20.38	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	81.52%
26) 1,2-Dichloroethane-d4	8.31	65	137917	23.00	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.00%
29) Benzene-d6	8.27	84	440084	21.10	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	84.40%
33) 1,2-Dichloropropane-d6	9.27	67	140355	22.44	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.76%
37) Toluene-d8	10.33	98	375631	19.88	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	79.52%
38) trans-1,3-Dichloropropene-	10.58	79	59498	22.32	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.28%
39) 2-Hexanone-d5	10.93	63	63198	60.69	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	121.38%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	126803	26.38	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	105.52%
61) 1,2-Dichlorobenzene-d4	13.85	152	100867	21.97	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	87.88%

Target Compounds

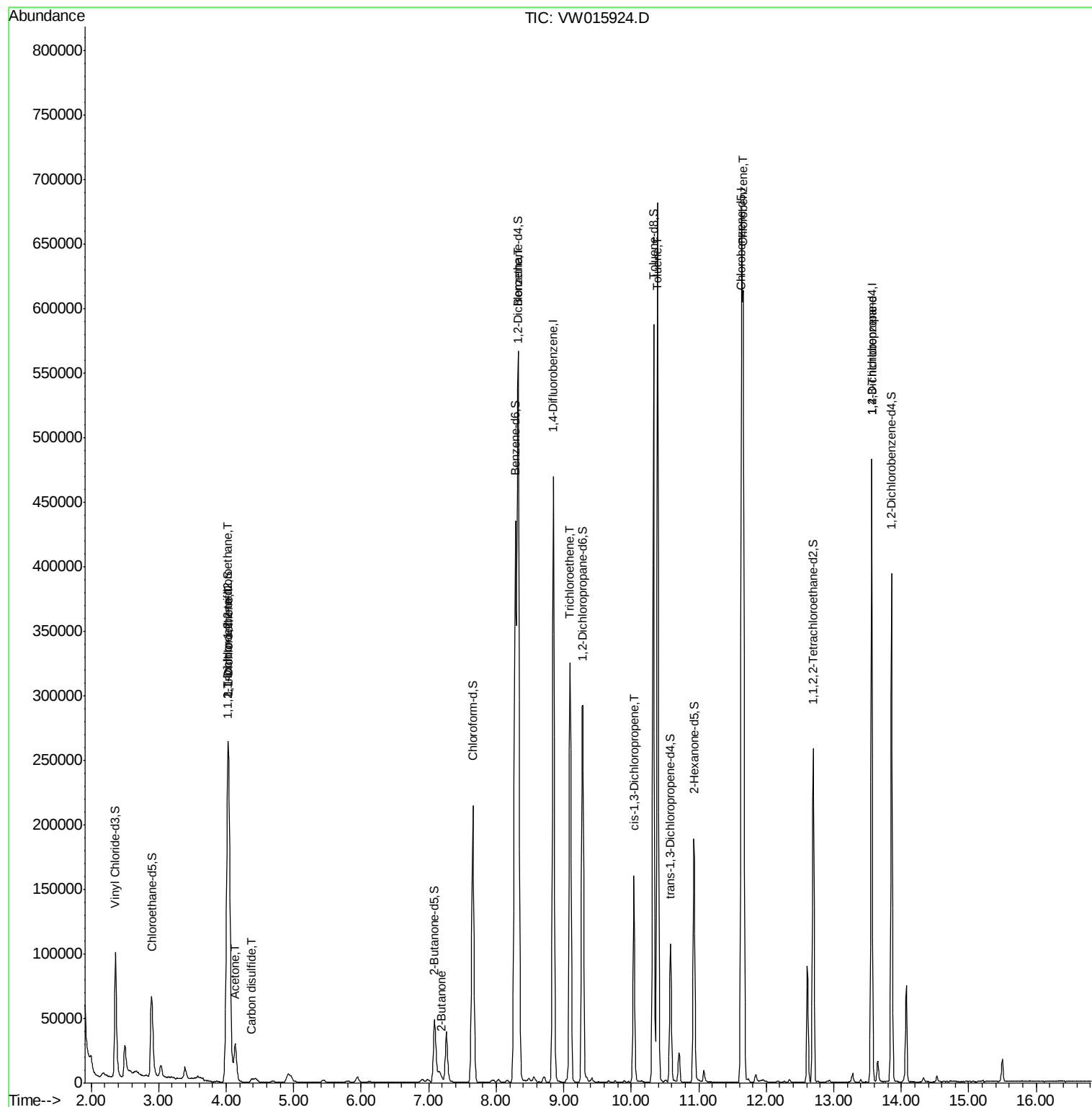
					Ovalue
11) 1,1,2-Trichloro-1,2,2-trif	4.01	101	1877	0.372 ug/L #	20
12) 1,1-Dichloroethene	4.04	96	100914	20.188 ug/L	89
13) Acetone	4.14	43	50420	41.654 ug/L	97
14) Carbon disulfide	4.38	76	5796	0.367 ug/L #	94
21) 2-Butanone	7.20	43	3833	2.561 ug/L	86
34) Benzene	8.33	78	473127	22.729 ug/L	100
35) Trichloroethene	9.09	95	116783	21.208 ug/L	98
42) cis-1,3-Dichloropropene	10.04	75	3645	0.464 ug/L #	64
44) Toluene	10.39	91	490557	22.469 ug/L	99
52) Chlorobenzene	11.66	112	290374	20.756 ug/L	98
59) 1,2,3-Trichloropropane	13.56	75	15065	4.617 ug/L	92

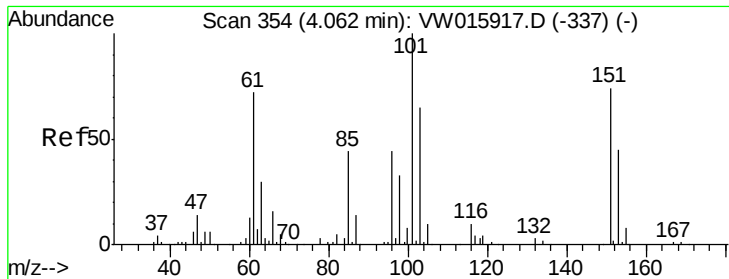
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW072320\
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Quant Time: Jul 24 07:02:53 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
Quant Title : VOC Analysis
QLast Update : Fri Jul 24 06:59:55 2020
Response via : Initial Calibration





#11

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.372 ug/L

RT: 4.01 min Scan# 346

Delta R.T. -0.05 min

Lab File: VW015924.D

Acq: 23 Jul 2020 16:16

Instrument :

MSVOA_W

ClientSampleId :

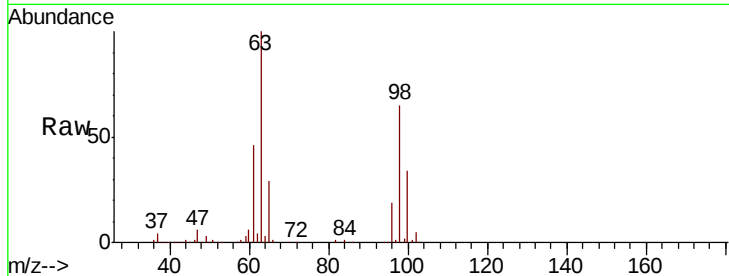
Tot Ion: 101 Resp: 1877

Ion Ratio Lower Upper

101 100

85 0.0 35.5 53.3#

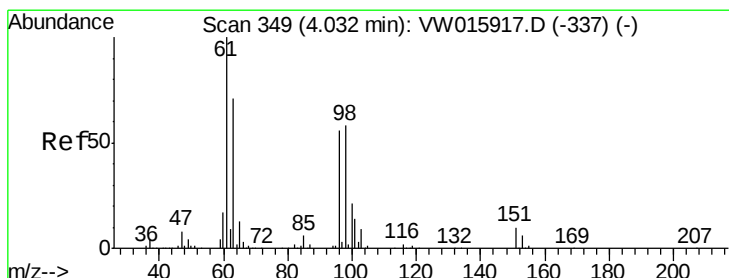
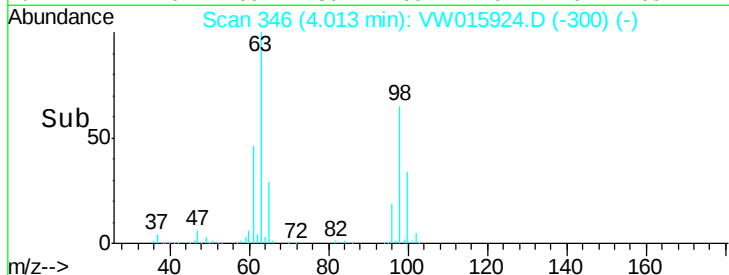
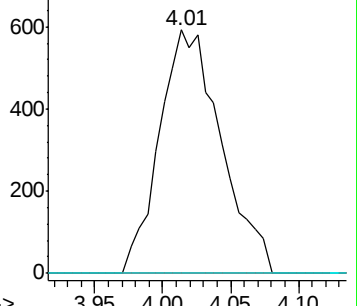
151 0.0 58.4 87.6#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VW

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 20.188 ug/L

RT: 4.04 min Scan# 350

Delta R.T. 0.01 min

Lab File: VW015924.D

Acq: 23 Jul 2020 16:16

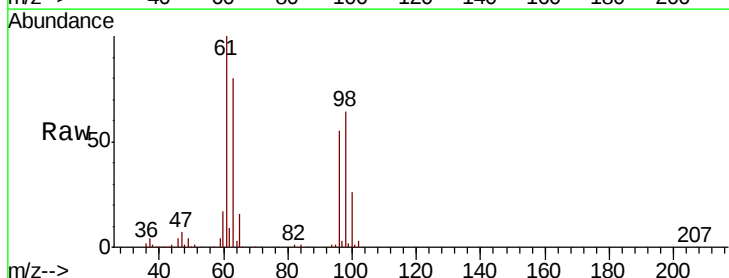
Tgt Ion: 96 Resp: 100914

Ion Ratio Lower Upper

96 100

61 180.4 125.0 232.2

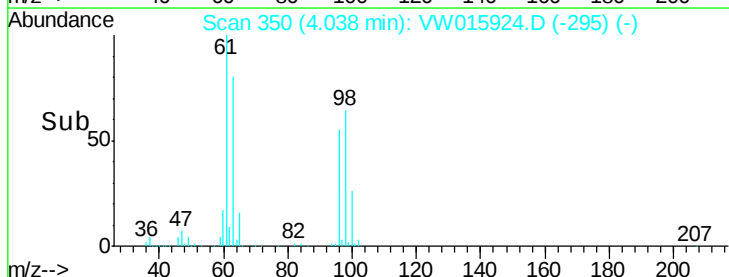
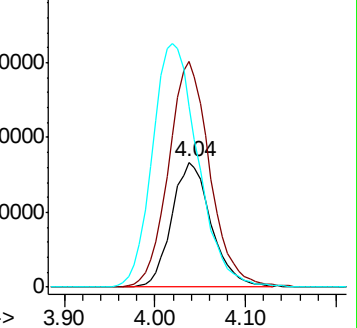
63 144.8 82.3 152.8

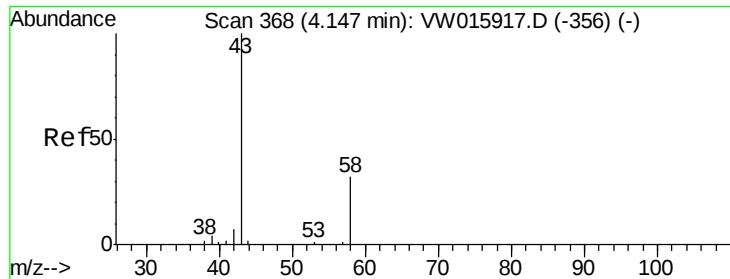


Abundance Ion 96.00 (95.70 to 96.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 63.00 (62.70 to 63.70): VW





#13

Acetone

Concen: 41.654 ug/L

RT: 4.14 min Scan# 366

Delta R.T. -0.01 min

Lab File: VW015924.D

Acq: 23 Jul 2020 16:16

Instrument :

MSVOA_W

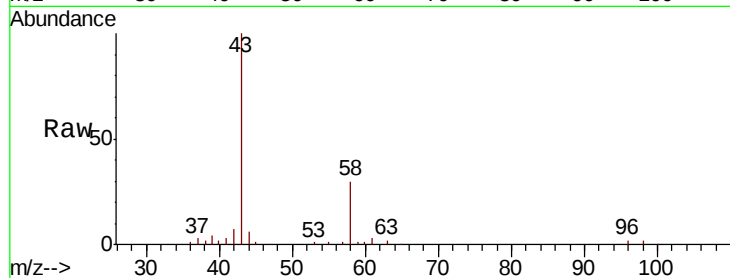
ClientSampled :

Tot Ion: 43 Resp: 50420

Ion Ratio Lower Upper

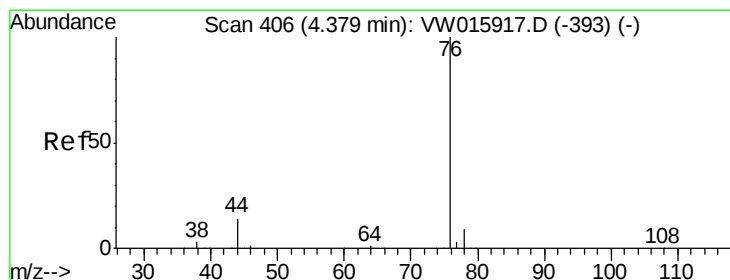
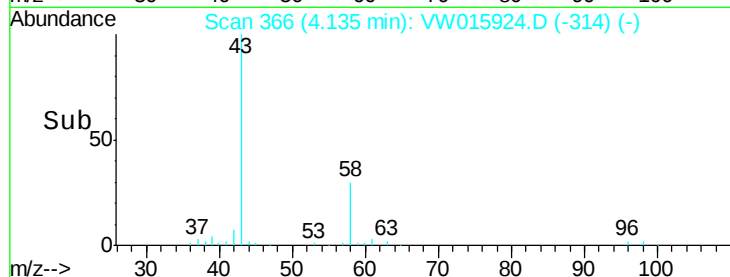
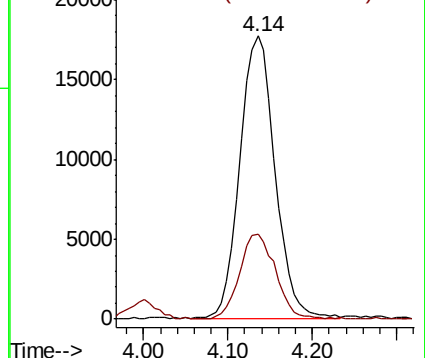
43 100

58 30.6 0.0 58.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#14

Carbon disulfide

Concen: 0.367 ug/L

RT: 4.38 min Scan# 406

Delta R.T. 0.00 min

Lab File: VW015924.D

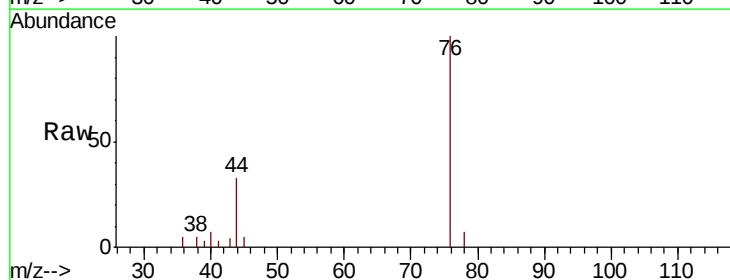
Acq: 23 Jul 2020 16:16

Tgt Ion: 76 Resp: 5796

Ion Ratio Lower Upper

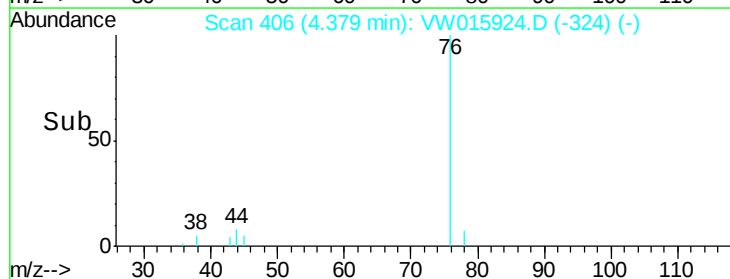
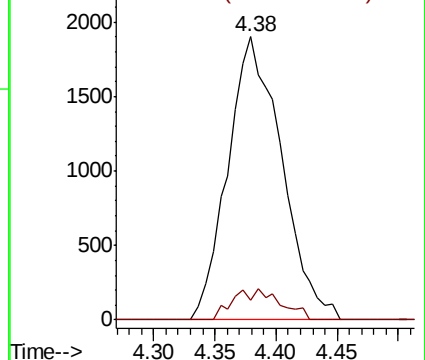
76 100

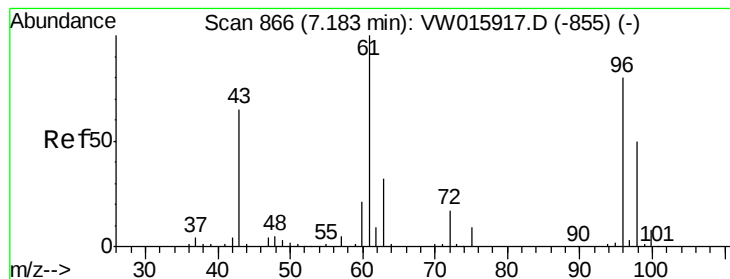
78 7.0 7.2 10.8#



Abundance Ion 76.00 (75.70 to 76.70): VW

Ion 78.00 (77.70 to 78.70): VW





#21

2-Butanone

Concen: 2.561 ug/L

RT: 7.20 min Scan# 868

Delta R.T. 0.01 min

Lab File: VW015924.D

Acq: 23 Jul 2020 16:16

Instrument :

MSVOA_W

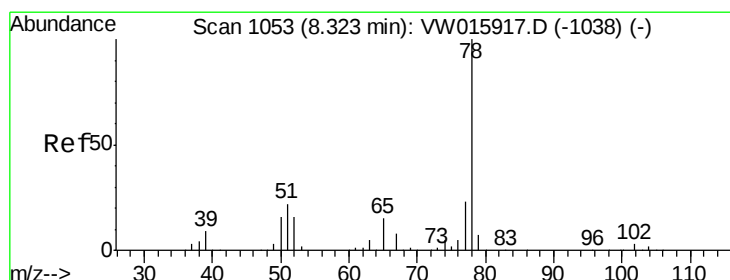
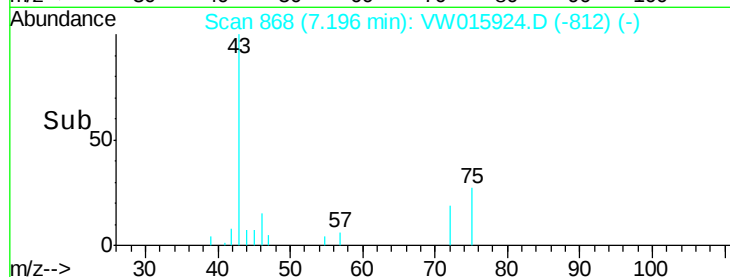
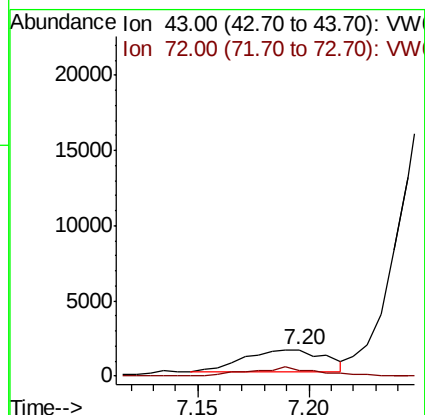
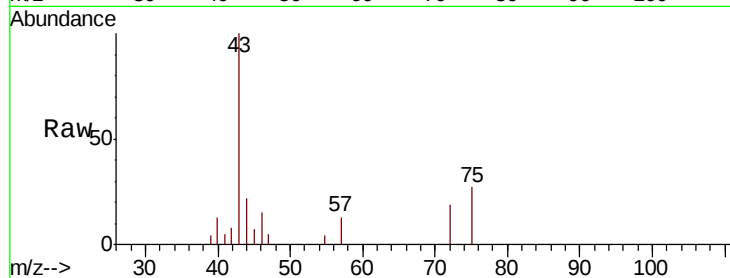
ClientSampleId :

Tot Ion: 43 Resp: 3833

Ion Ratio Lower Upper

43 100

72 35.3 13.9 41.7



#34

Benzene

Concen: 22.729 ug/L

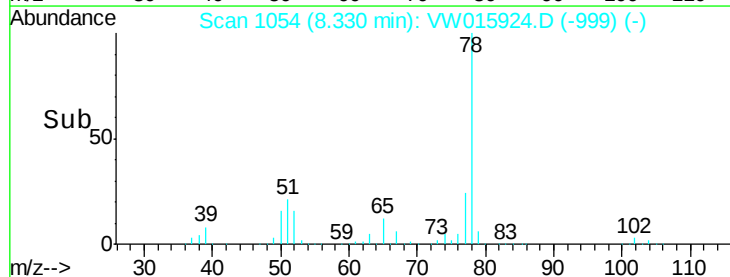
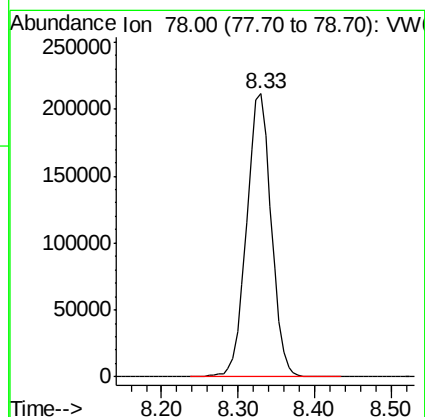
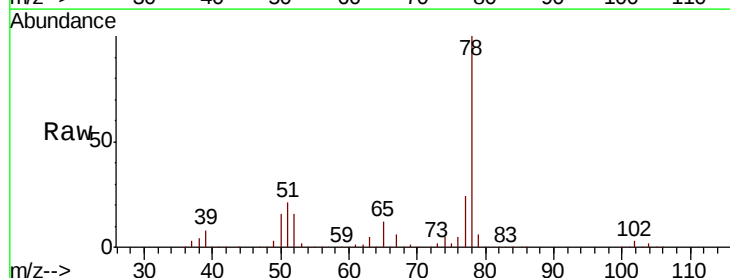
RT: 8.33 min Scan# 1054

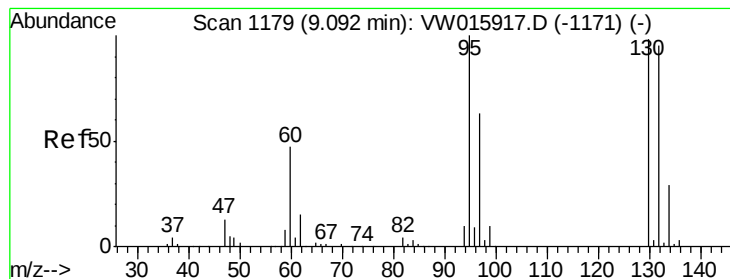
Delta R.T. 0.01 min

Lab File: VW015924.D

Acq: 23 Jul 2020 16:16

Tgt Ion: 78 Resp: 473127





#35

Trichloroethene

Concen: 21.208 ug/L

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW015924.D

Acq: 23 Jul 2020 16:16

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 95 Resp: 116783

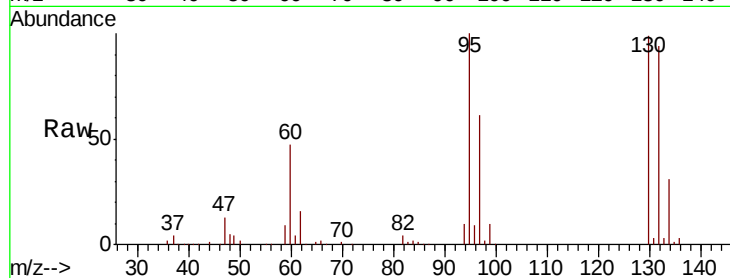
Ion Ratio Lower Upper

95 100

97 63.4 44.4 82.4

132 96.2 65.1 120.9

130 99.9 68.6 127.4

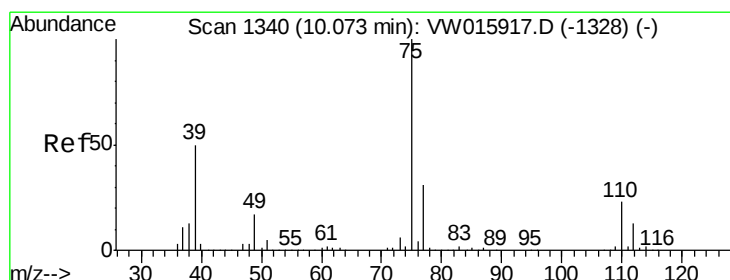
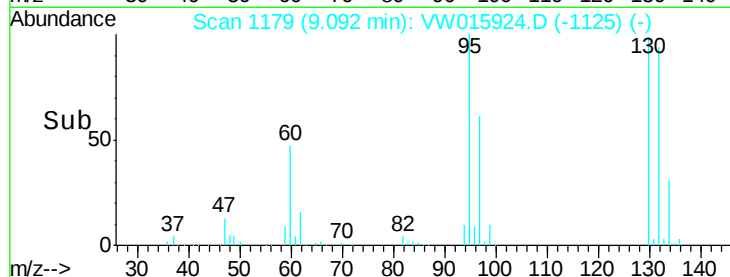
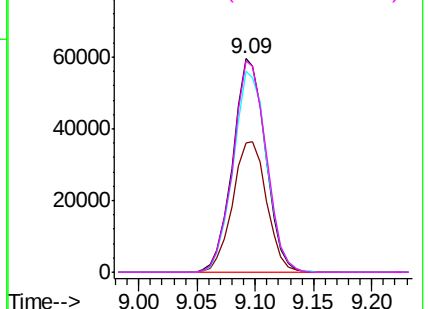


Abundance Ion 95.00 (94.70 to 95.70): VW

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



#42

cis-1,3-Dichloropropene

Concen: 0.464 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW015924.D

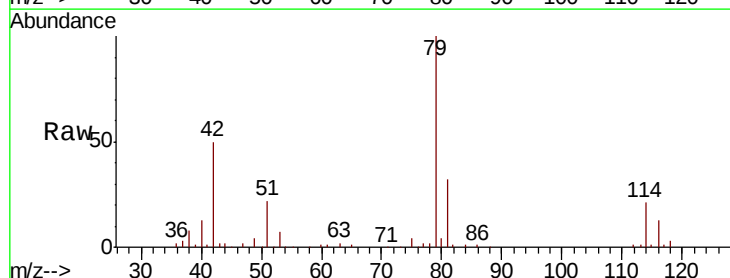
Acq: 23 Jul 2020 16:16

Tgt Ion: 75 Resp: 3645

Ion Ratio Lower Upper

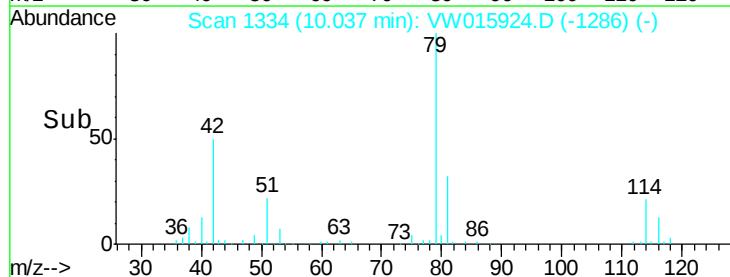
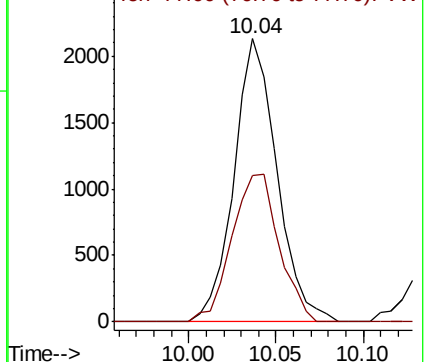
75 100

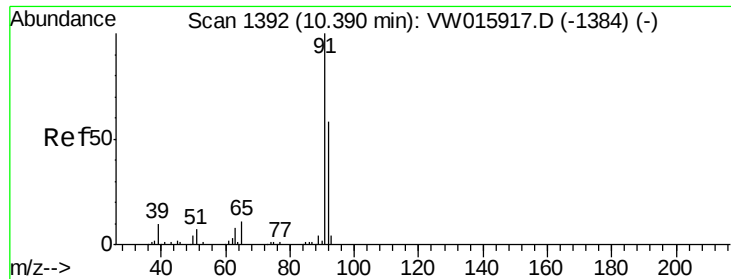
77 51.6 22.2 41.2#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW





#44

Toluene

Concen: 22.469 ug/L

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW015924.D

Acq: 23 Jul 2020 16:16

Instrument :

MSVOA_W

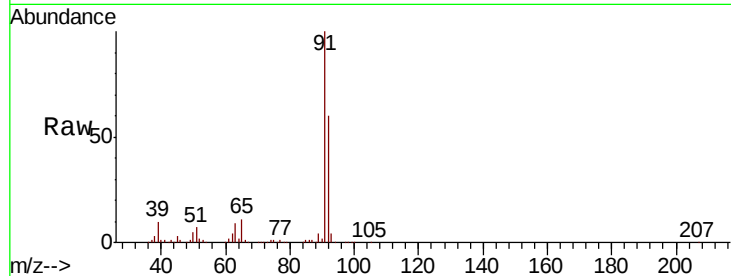
ClientSampleId :

Tot Ion: 91 Resp: 490557

Ion Ratio Lower Upper

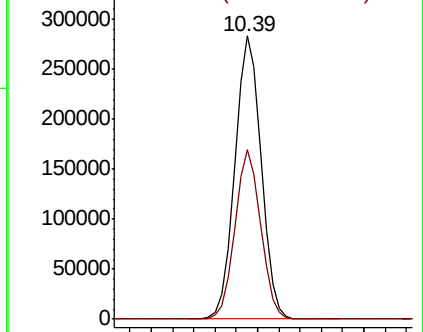
91 100

92 59.8 41.2 76.4

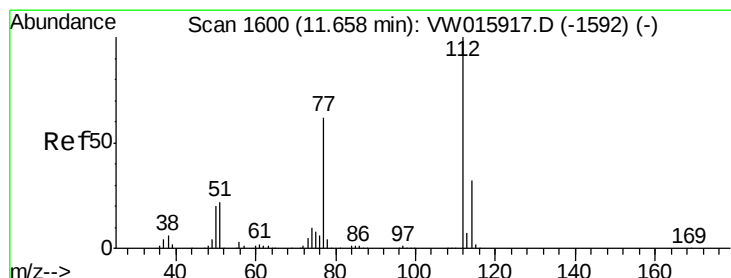
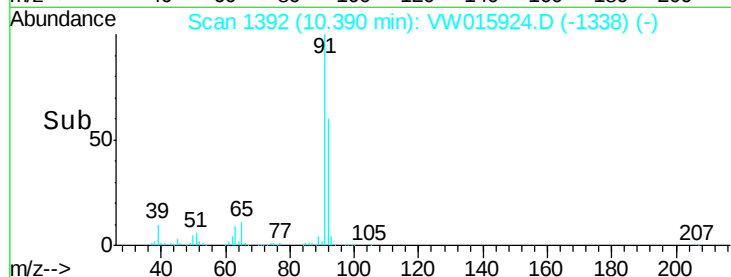


Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW



Time-->



#52

Chlorobenzene

Concen: 20.756 ug/L

RT: 11.66 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VW015924.D

Acq: 23 Jul 2020 16:16

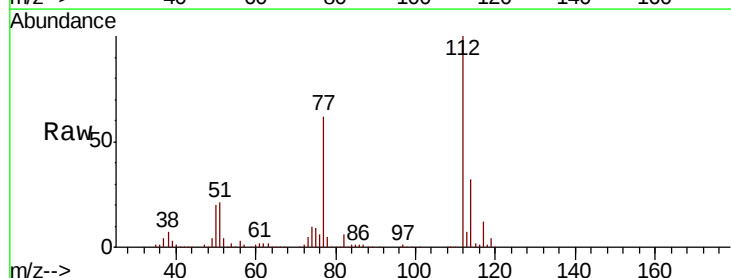
Tgt Ion: 112 Resp: 290374

Ion Ratio Lower Upper

112 100

77 61.9 47.8 71.6

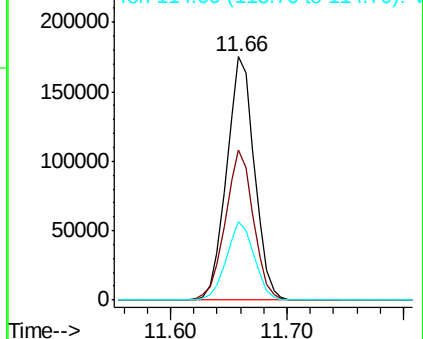
114 32.0 22.1 41.1



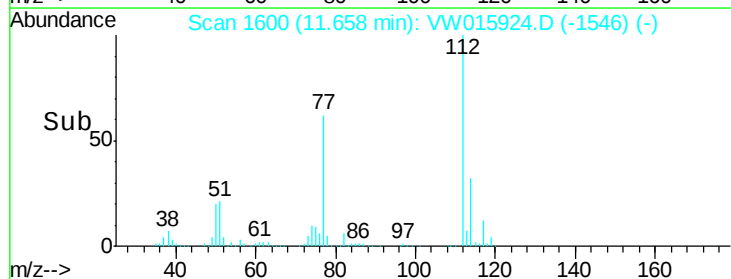
Abundance Ion 112.00 (111.70 to 112.70): V

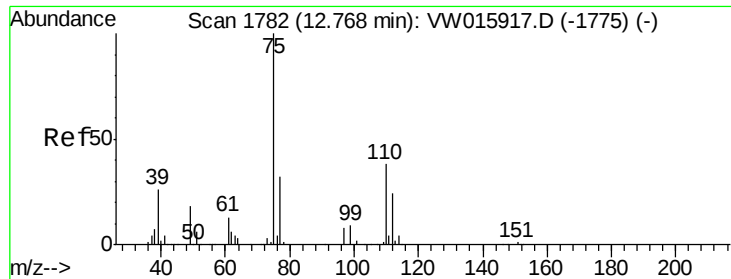
Ion 77.00 (76.70 to 77.70): VW

Ion 114.00 (113.70 to 114.70): V



Time-->





#59

1,2,3-Trichloropropane

Concen: 4.617 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW015924.D

Acq: 23 Jul 2020 16:16

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 75 Resp: 15065

Ion Ratio Lower Upper

75 100

77 37.1 26.0 39.0

