

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072120\
 Data File : VW015894.D
 Acq On : 21 Jul 2020 18:08
 Operator : SY/VA
 Sample : L3348-03MS
 Misc : 5.27G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAXY8MS

Quant Time: Jul 22 06:28:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jul 22 06:22:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	430528	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	404667	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	188560	25.00	ug/L	0.00

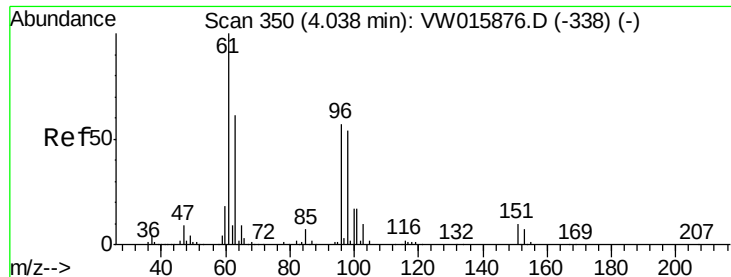
System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	134493	22.14	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.56%
7) Chloroethane-d5	2.90	69	106551	21.60	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.40%
10) 1,1-Dichloroethene-d2	4.02	63	256939	20.92	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	83.68%
20) 2-Butanone-d5	7.09	46	78592	49.25	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.50%
24) Chloroform-d	7.65	84	246249	20.37	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	81.48%
26) 1,2-Dichloroethane-d4	8.31	65	150089	22.61	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	90.44%
29) Benzene-d6	8.28	84	497666	20.20	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	80.80%
33) 1,2-Dichloropropane-d6	9.28	67	151552	20.52	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	82.08%
37) Toluene-d8	10.33	98	450379	20.19	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	80.76%
38) trans-1,3-Dichloropropene-	10.58	79	66476	21.12	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.48%
39) 2-Hexanone-d5	10.93	63	64132	52.16	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.32%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	132713	23.38	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.52%
61) 1,2-Dichlorobenzene-d4	13.85	152	157785	21.46	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	85.84%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	4.04	96	110528	19.971	ug/L	90
13) Acetone	4.13	43	37534	28.008	ug/L	98
34) Benzene	8.33	78	519065	21.119	ug/L	100
35) Trichloroethene	9.10	95	132146	20.325	ug/L	99
36) Methylcyclohexane	9.28	83	41237	3.696	ug/L #	18
42) cis-1,3-Dichloropropene	10.04	75	4289	0.463	ug/L #	76
44) Toluene	10.39	91	558785	21.677	ug/L	99
52) Chlorobenzene	11.66	112	350978	21.248	ug/L	98
59) 1,2,3-Trichloropropane	13.56	75	22878	5.939	ug/L	89

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



#12

1,1-Dichloroethene

Concen: 19.971 ug/L

RT: 4.04 min Scan# 350

Delta R.T. 0.00 min

Lab File: VW015894.D

Acq: 21 Jul 2020 18:08

Instrument :

MSVOA_W

ClientSampleId :

GAXY8MS

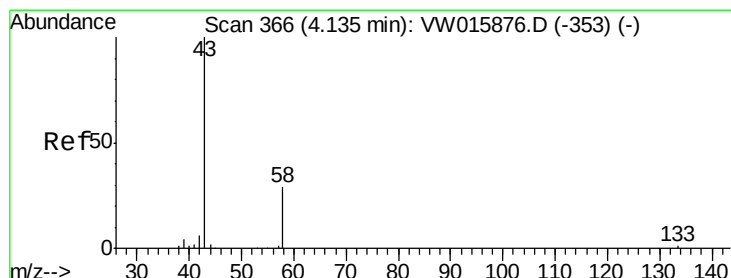
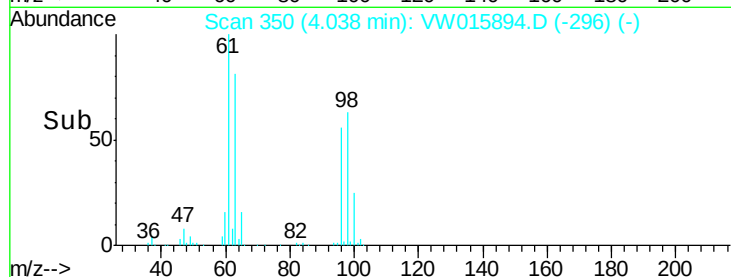
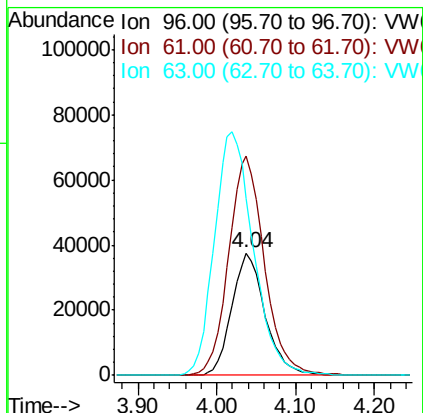
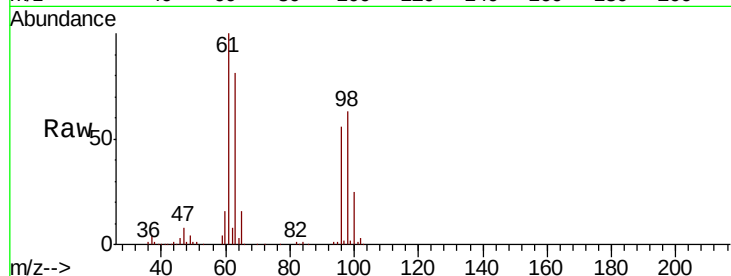
Tot Ion: 96 Resp: 110528

Ion Ratio Lower Upper

96 100

61 179.7 125.0 232.2

63 144.8 82.3 152.8



#13

Acetone

Concen: 28.008 ug/L

RT: 4.13 min Scan# 365

Delta R.T. -0.01 min

Lab File: VW015894.D

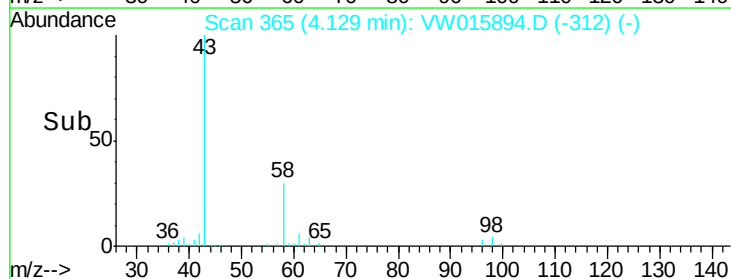
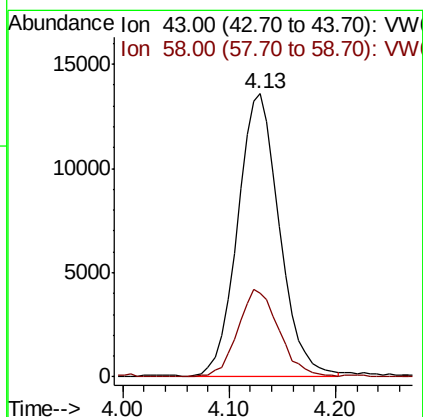
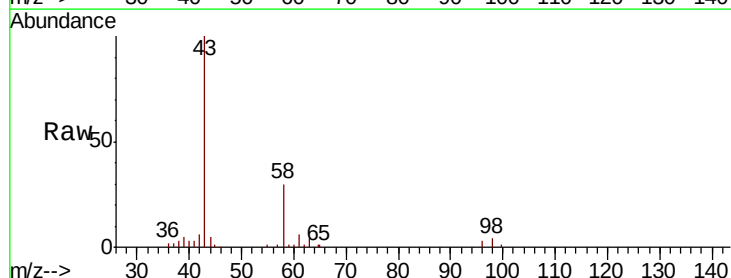
Acq: 21 Jul 2020 18:08

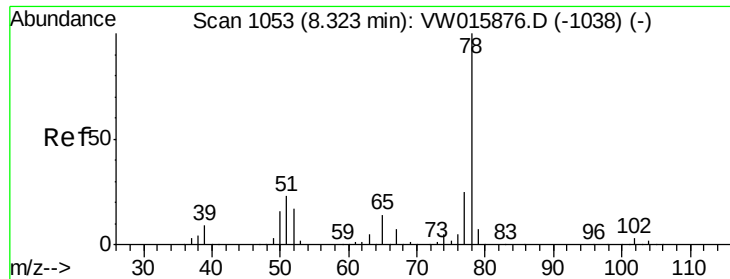
Tgt Ion: 43 Resp: 37534

Ion Ratio Lower Upper

43 100

58 30.4 0.0 58.2





#34

Benzene

Concen: 21.119 ug/L

RT: 8.33 min Scan# 1054

Delta R.T. 0.01 min

Lab File: VW015894.D

Acq: 21 Jul 2020 18:08

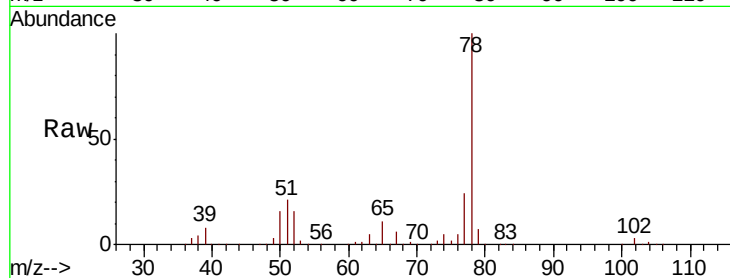
Instrument :

MSVOA_W

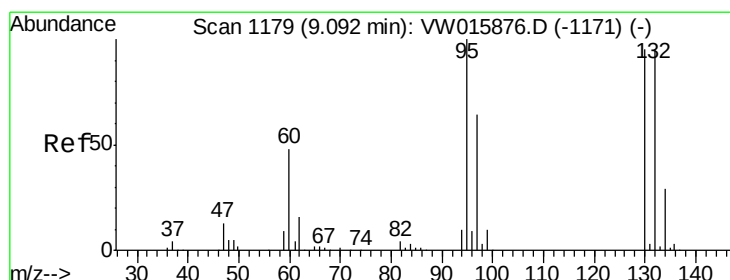
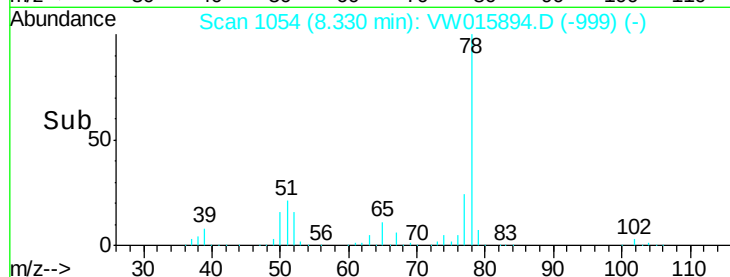
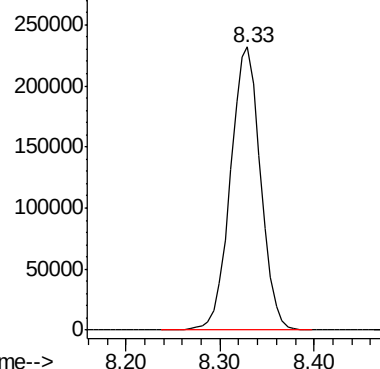
ClientSampleId :

GAXY8MS

Tgt Ion: 78 Resp: 519065



Abundance Ion 78.00 (77.70 to 78.70): VW



#35

Trichloroethene

Concen: 20.325 ug/L

RT: 9.10 min Scan# 1180

Delta R.T. 0.01 min

Lab File: VW015894.D

Acq: 21 Jul 2020 18:08

Tgt Ion: 95 Resp: 132146

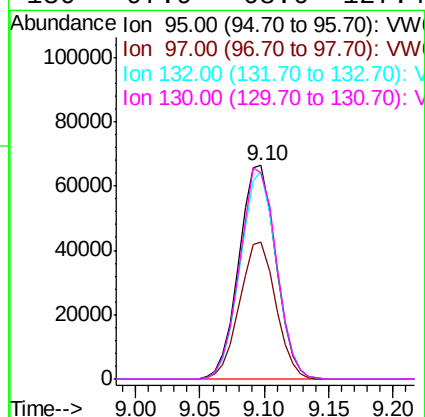
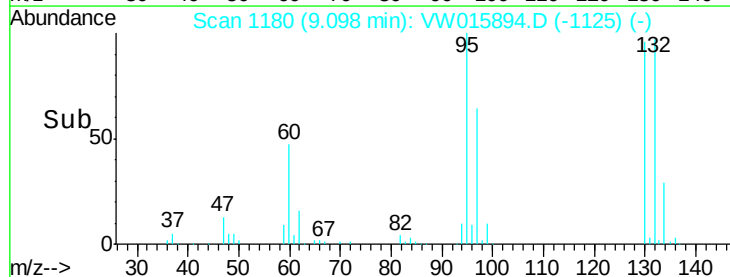
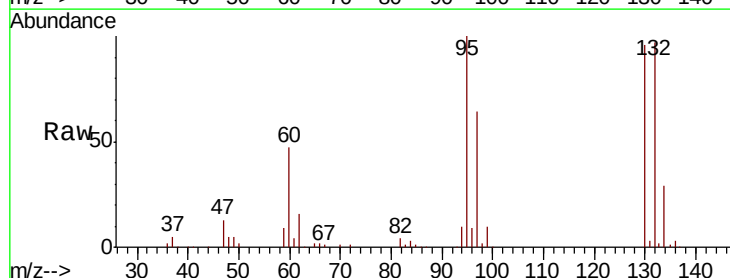
Ion	Ratio	Lower	Upper
95	100		
97	62.9	44.4	82.4
132	95.0	65.1	120.9
130	97.9	68.6	127.4

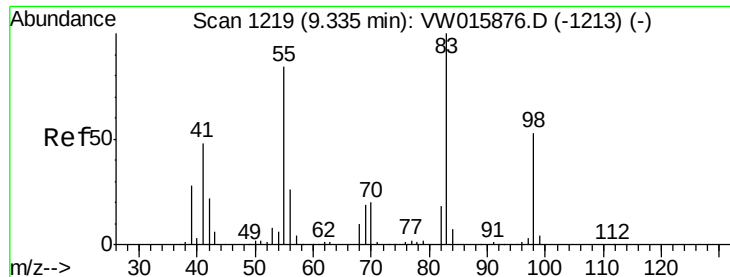
Abundance Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): VW

Ion 130.00 (129.70 to 130.70): VW

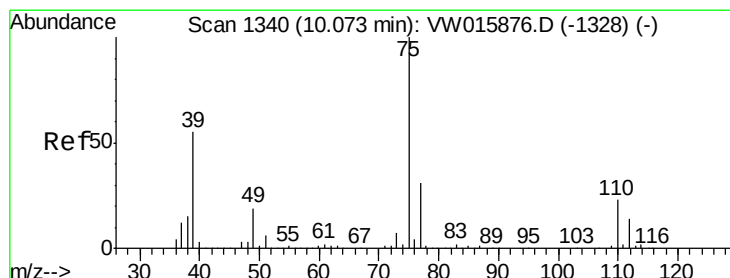
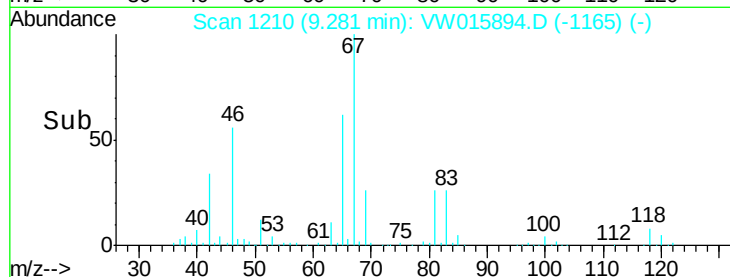
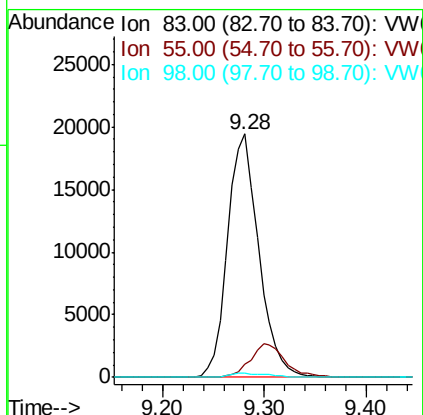
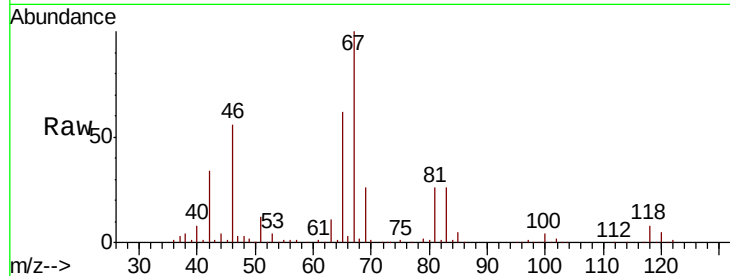




#36
Methylcyclohexane
Concen: 3.696 ug/L
RT: 9.28 min Scan# 1210
Delta R.T. -0.05 min
Lab File: VW015894.D
Acq: 21 Jul 2020 18:08

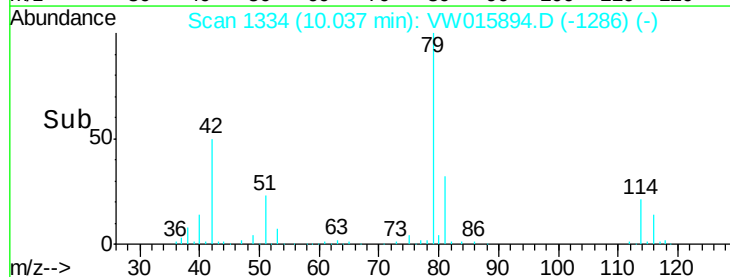
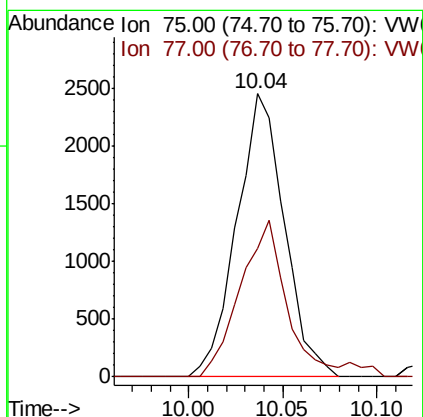
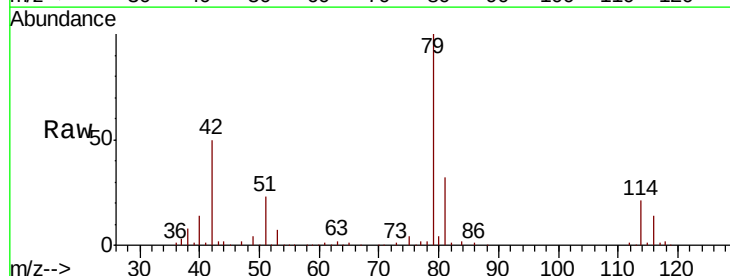
Instrument :
MSVOA_W
ClientSampleId :
GAXY8MS

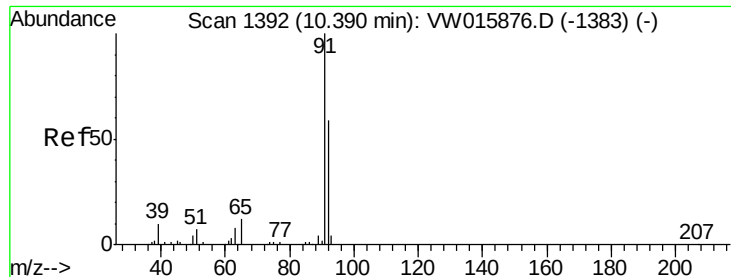
Tot Ion: 83 Resp: 41237
Ion Ratio Lower Upper
83 100
55 0.0 63.5 95.3#
98 1.5 39.0 58.4#



#42
cis-1,3-Dichloropropene
Concen: 0.463 ug/L
RT: 10.04 min Scan# 1334
Delta R.T. -0.04 min
Lab File: VW015894.D
Acq: 21 Jul 2020 18:08

Tgt Ion: 75 Resp: 4289
Ion Ratio Lower Upper
75 100
77 45.3 22.2 41.2#





#44

Toluene

Concen: 21.677 ug/L

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW015894.D

Acq: 21 Jul 2020 18:08

Instrument :

MSVOA_W

ClientSampleId :

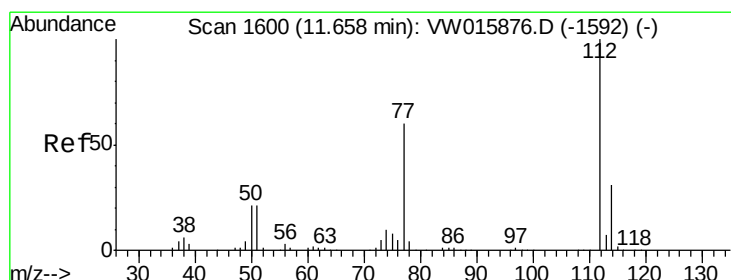
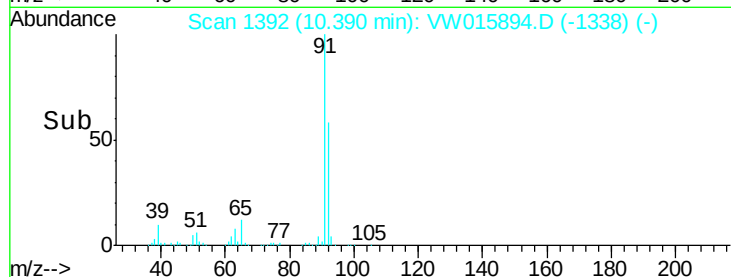
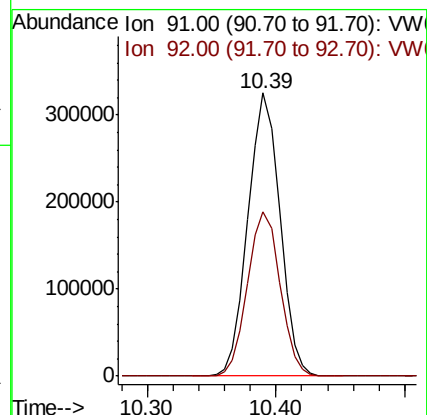
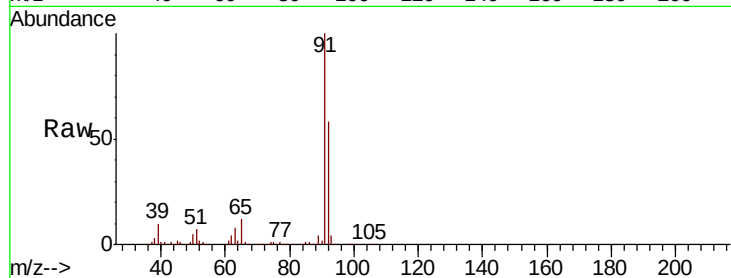
GAXY8MS

Tot Ion: 91 Resp: 558785

Ion Ratio Lower Upper

91 100

92 58.1 41.2 76.4



#52

Chlorobenzene

Concen: 21.248 ug/L

RT: 11.66 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VW015894.D

Acq: 21 Jul 2020 18:08

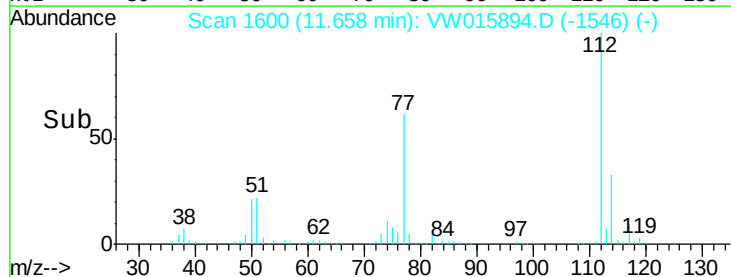
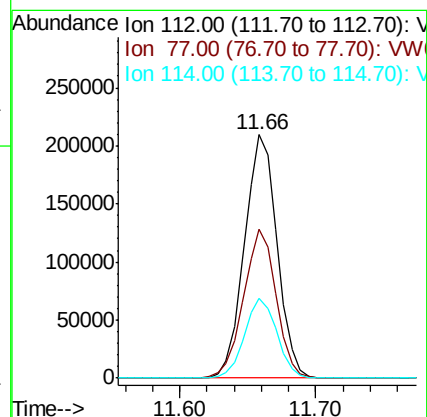
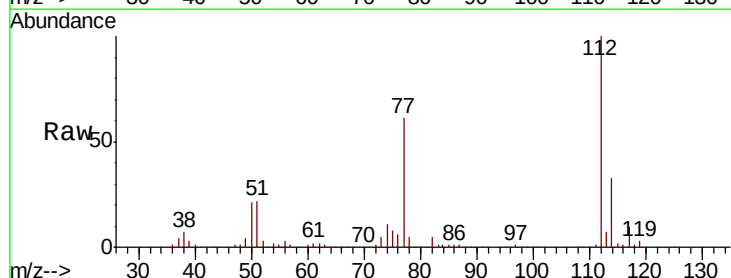
Tgt Ion: 112 Resp: 350978

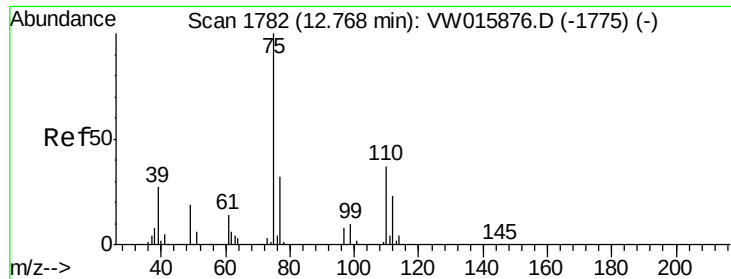
Ion Ratio Lower Upper

112 100

77 61.0 47.8 71.6

114 32.9 22.1 41.1





#59

1,2,3-Trichloropropane

Concen: 5.939 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW015894.D

Acq: 21 Jul 2020 18:08

Instrument :

MSVOA_W

ClientSampleId :

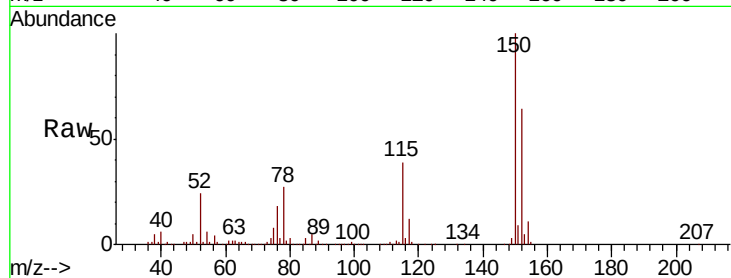
GAXY8MS

Tot Ion: 75 Resp: 22878

Ion Ratio Lower Upper

75 100

77 38.5 26.0 39.0



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

