

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011522\
 Data File : VW021937.D
 Acq On : 15 Jan 2022 04:55
 Operator : SY/VA
 Sample : N1155-10
 Misc : 5.73g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BGLW4

Quant Time: Jan 17 03:26:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Jan 17 03:23:20 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

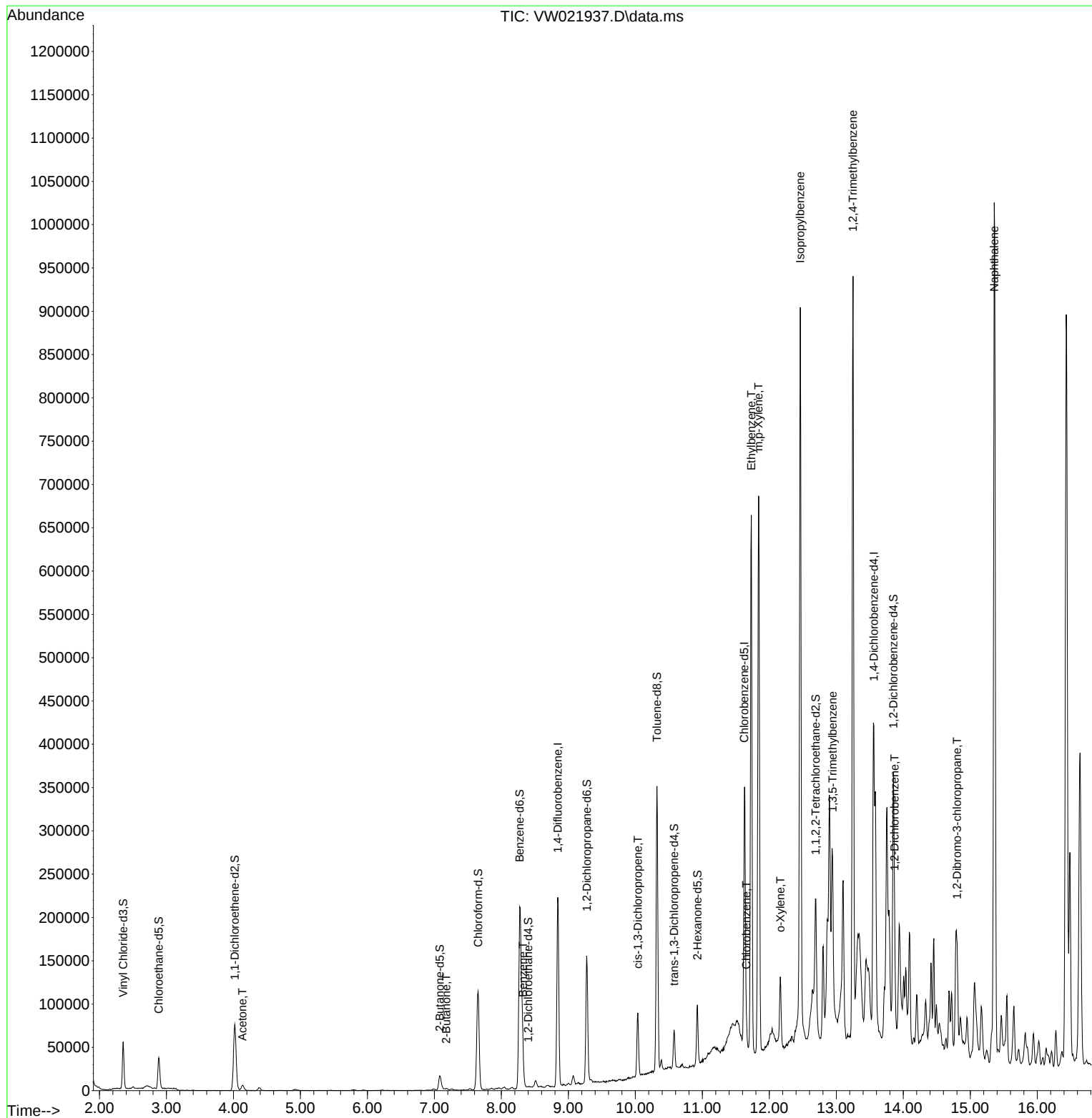
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	199474	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	187492	25.000	ug/L	# 0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	101510	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	51089	13.780	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	55.120%
7) Chloroethane-d5	2.885	69	38933	11.629	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	46.520%
11) 1,1-Dichloroethene-d2	4.019	63	68042	11.625	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	46.480%
21) 2-Butanone-d5	7.080	46	27317	52.201	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.400%
24) Chloroform-d	7.653	84	117389	18.216	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	72.880%
26) 1,2-Dichloroethane-d4	8.403	65	128	0.041	ug/L	0.10
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.160%#
32) Benzene-d6	8.275	84	229492	18.864	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	75.440%
36) 1,2-Dichloropropane-d6	9.274	67	65805	20.522	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	82.080%
41) Toluene-d8	10.323	98	226732	18.487	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	73.960%
43) trans-1,3-Dichloroprop...	10.579	79	24904	18.292	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	73.160%
47) 2-Hexanone-d5	10.927	63	24089	55.363	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	110.720%
56) 1,1,2,2-Tetrachloroeth...	12.694	84	56957	22.715	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	90.880%
66) 1,2-Dichlorobenzene-d4	13.853	152	86828	20.802	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	83.200%
Target Compounds						
					Qvalue	
13) Acetone	4.135	43	10806	24.994	ug/L	87
22) 2-Butanone	7.177	43	2459	4.450	ug/L	99
33) Benzene	8.323	78	6507	0.566	ug/L	100
39) cis-1,3-Dichloropropene	10.036	75	2106	0.541	ug/L #	40
51) Chlorobenzene	11.658	112	13898	1.527	ug/L	94
52) Ethylbenzene	11.731	91	443933	30.992	ug/L	96
53) m,p-Xylene	11.841	106	220122	36.750	ug/L	79
54) o-Xylene	12.164	106	23564	4.238	ug/L	89
60) Isopropylbenzene	12.463	105	550312	39.811	ug/L	93
62) 1,3,5-Trimethylbenzene	12.944	105	80577	7.039	ug/L	92
63) 1,2,4-Trimethylbenzene	13.249	105	488957	43.311	ug/L	92
67) 1,2-Dichlorobenzene	13.871	146	9194	1.511	ug/L #	87
68) 1,2-Dibromo-3-chloropr...	14.804	75	1173	4.187	ug/L #	53
71) Naphthalene	15.359	128	942860	148.502	ug/L	99

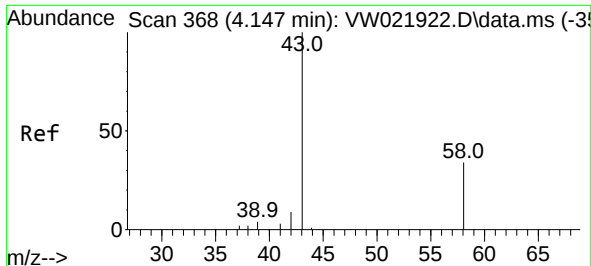
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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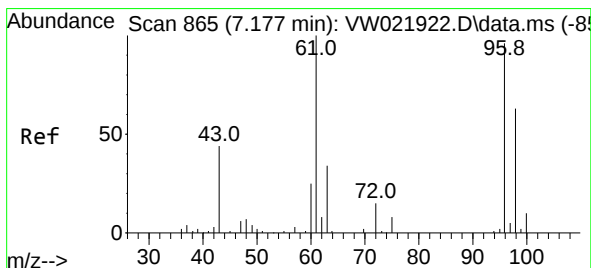
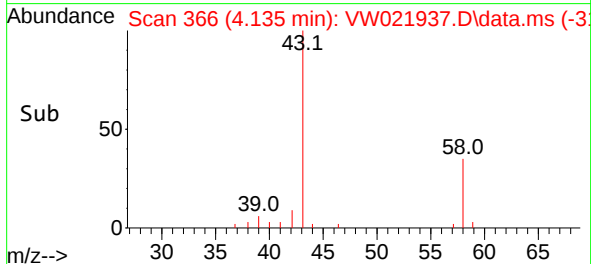
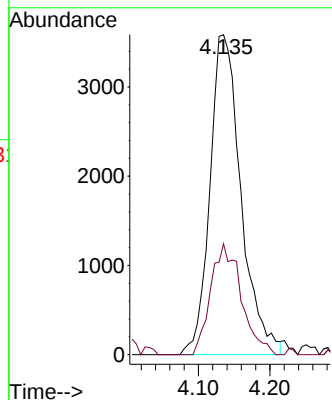
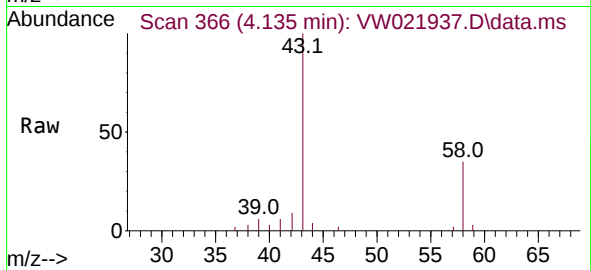




#13
Acetone
Concen: 24.994 ug/L
RT: 4.135 min Scan# 366
Delta R.T. -0.012 min
Lab File: VW021937.D
Acq: 15 Jan 2022 04:55

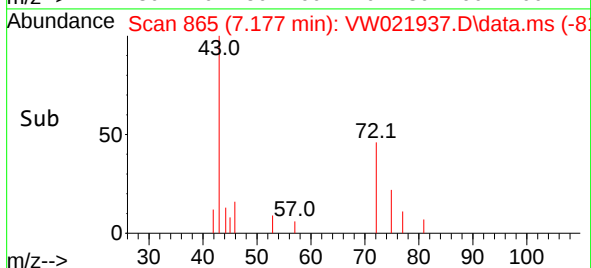
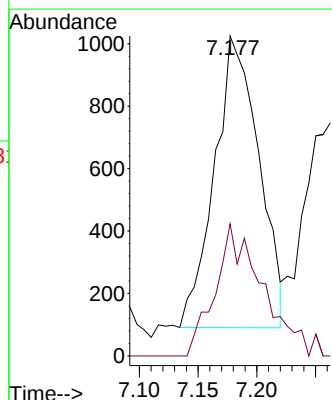
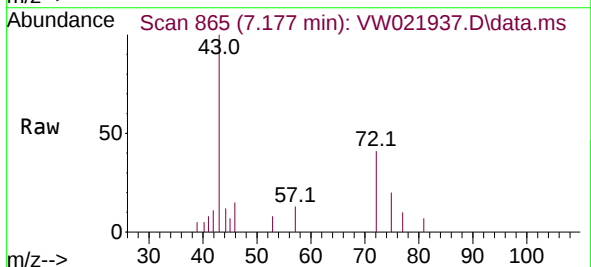
Instrument :
MSVOA_W
ClientSampleId :
BGLW4

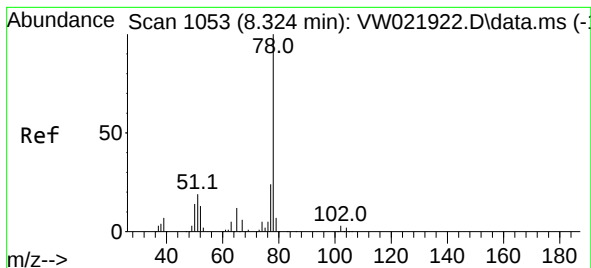
Tgt Ion: 43 Resp: 10806
Ion Ratio Lower Upper
43 100
58 19.9 0.0 52.8



#22
2-Butanone
Concen: 4.450 ug/L
RT: 7.177 min Scan# 865
Delta R.T. -0.000 min
Lab File: VW021937.D
Acq: 15 Jan 2022 04:55

Tgt Ion: 43 Resp: 2459
Ion Ratio Lower Upper
43 100
72 23.2 11.8 35.4





#33

Benzene

Concen: 0.566 ug/L

RT: 8.323 min Scan# 1053

Delta R.T. -0.000 min

Lab File: VW021937.D

Acq: 15 Jan 2022 04:55

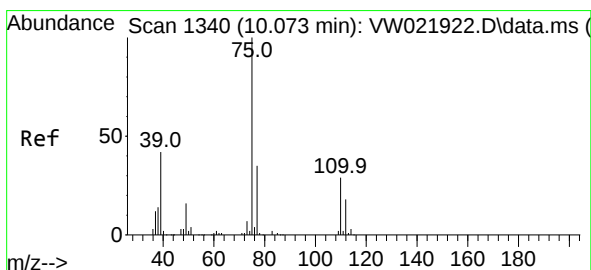
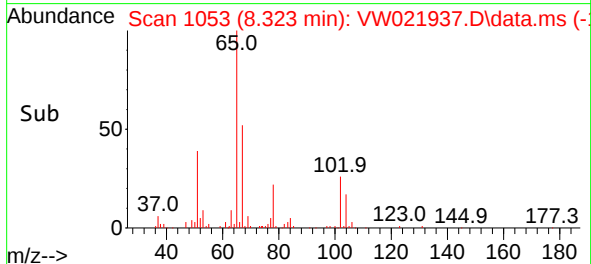
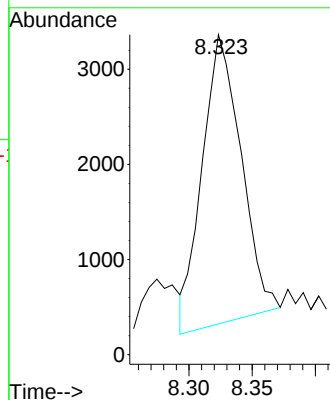
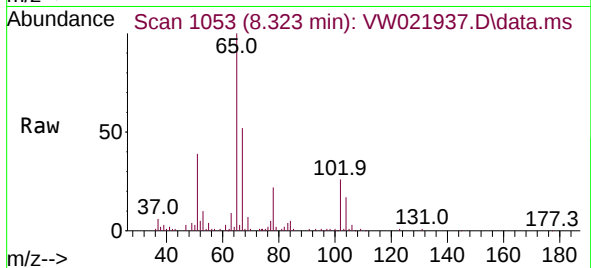
Instrument :

MSVOA_W

ClientSampleId :

BGLW4

Tgt Ion: 78 Resp: 6507



#39

cis-1,3-Dichloropropene

Concen: 0.541 ug/L

RT: 10.036 min Scan# 1334

Delta R.T. -0.037 min

Lab File: VW021937.D

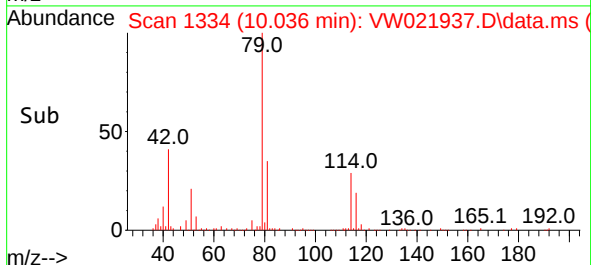
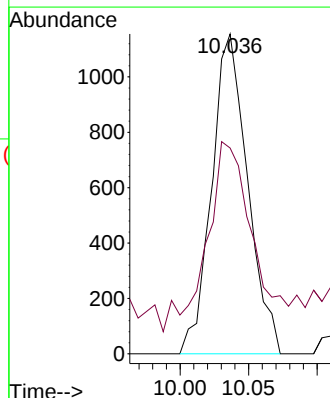
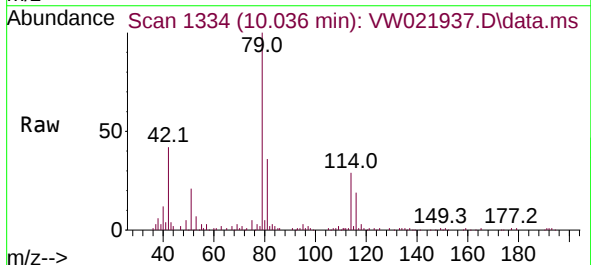
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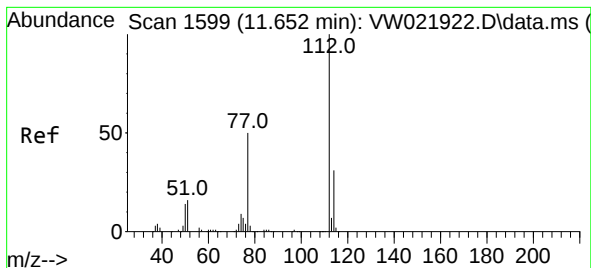
Tgt Ion: 75 Resp: 2106

Ion Ratio Lower Upper

75 100

77 64.3 21.8 40.6#





#51

Chlorobenzene

Concen: 1.527 ug/L

RT: 11.658 min Scan# 1599

Delta R.T. 0.006 min

Lab File: VW021937.D

Acq: 15 Jan 2022 04:55

Instrument :

MSVOA_W

ClientSampleId :

BGLW4

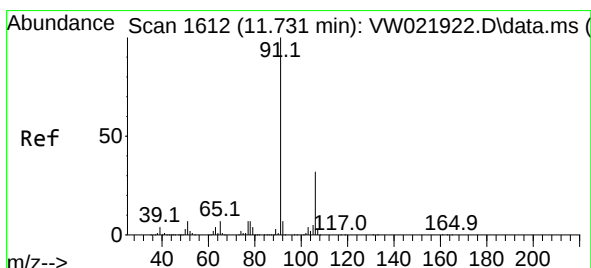
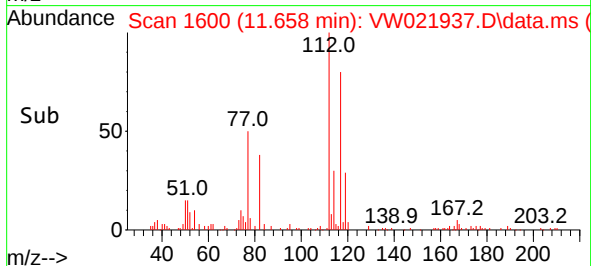
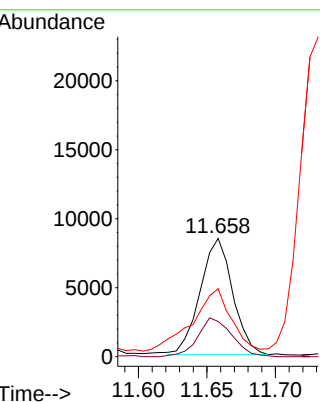
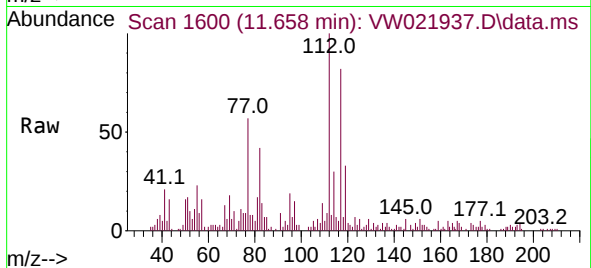
Tgt Ion:112 Resp: 13898

Ion Ratio Lower Upper

112 100

114 29.7 22.4 41.6

77 57.5 50.2 75.4



#52

Ethylbenzene

Concen: 30.992 ug/L

RT: 11.731 min Scan# 1612

Delta R.T. -0.000 min

Lab File: VW021937.D

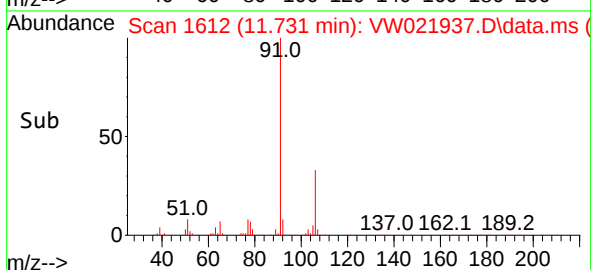
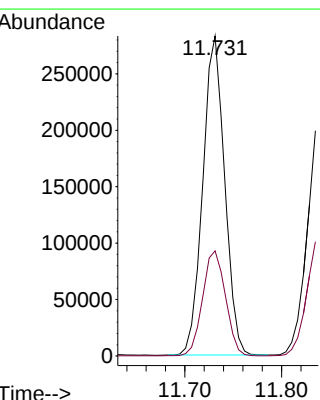
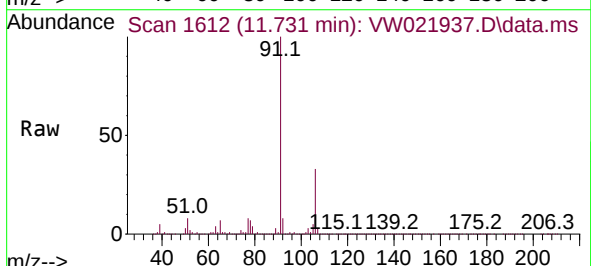
Acq: 15 Jan 2022 04:55

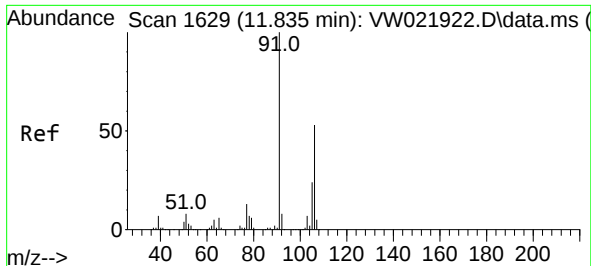
Tgt Ion: 91 Resp: 443933

Ion Ratio Lower Upper

91 100

106 32.9 21.5 39.9

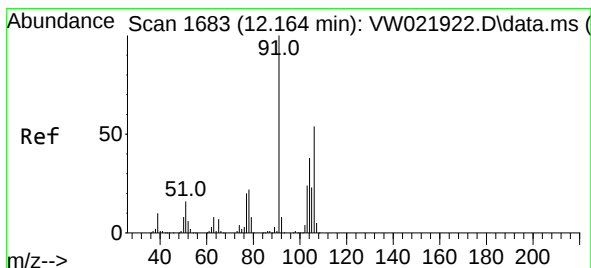
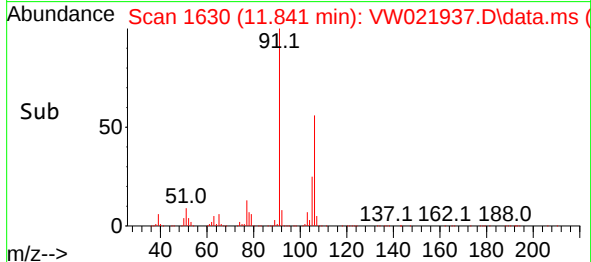
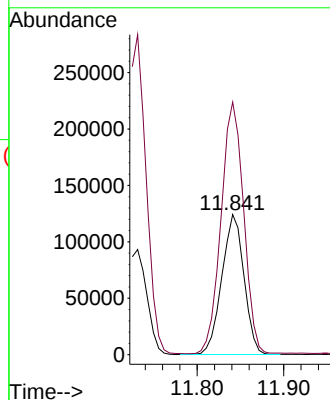
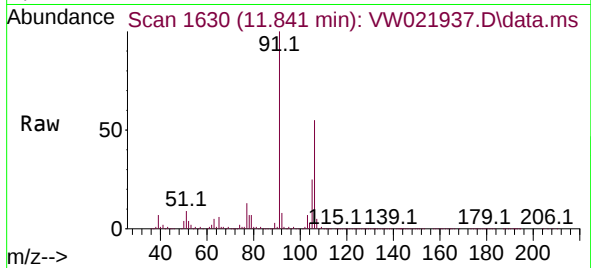




#53
m,p-Xylene
Concen: 36.750 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. 0.006 min
Lab File: VW021937.D
Acq: 15 Jan 2022 04:55

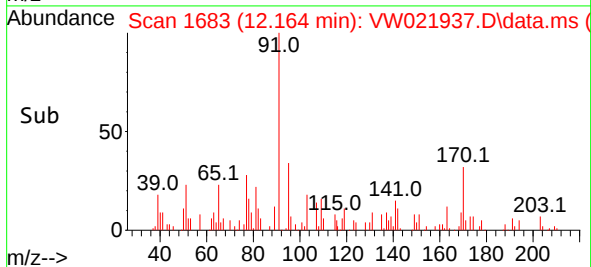
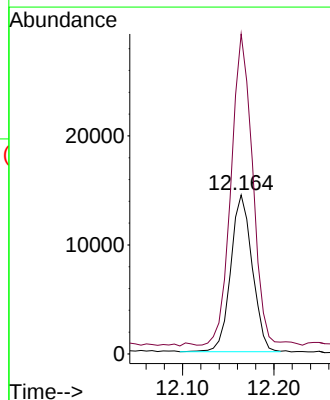
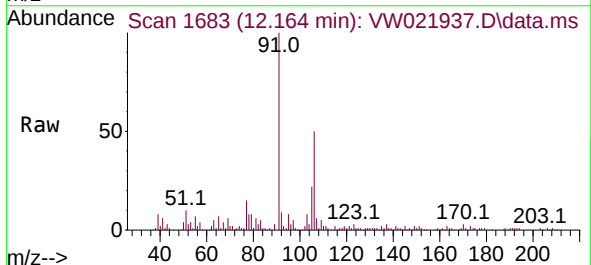
Instrument :
MSVOA_W
ClientSampleId :
BGLW4

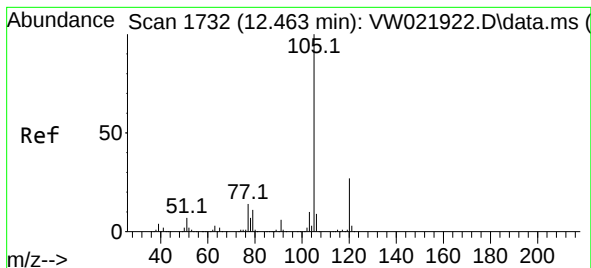
Tgt Ion:106 Resp: 220122
Ion Ratio Lower Upper
106 100
91 180.4 149.9 278.3



#54
o-Xylene
Concen: 4.238 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW021937.D
Acq: 15 Jan 2022 04:55

Tgt Ion:106 Resp: 23564
Ion Ratio Lower Upper
106 100
91 201.3 153.6 285.3





#60

Isopropylbenzene

Concen: 39.811 ug/L

RT: 12.463 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW021937.D

Acq: 15 Jan 2022 04:55

Instrument :

MSVOA_W

ClientSampleId :

BGLW4

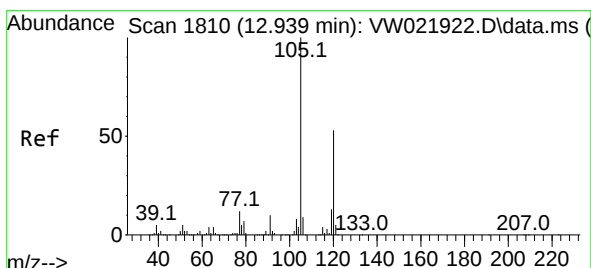
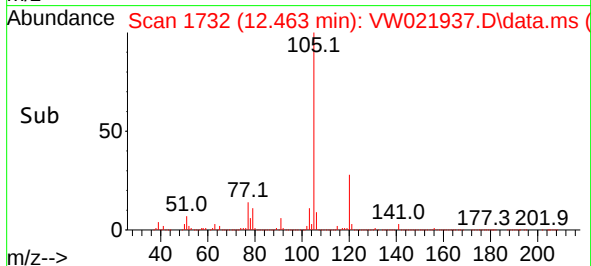
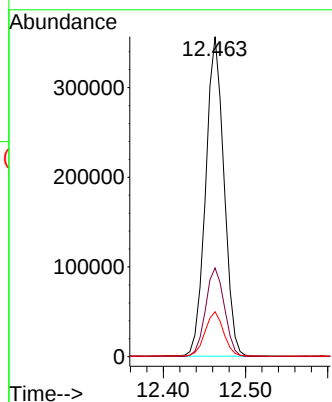
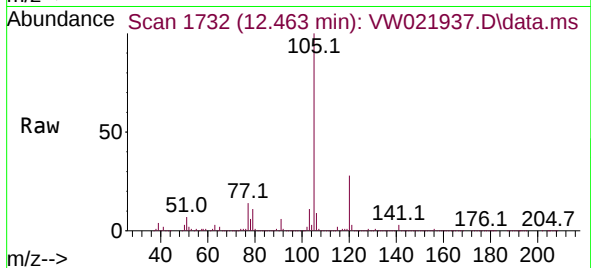
Tgt Ion:105 Resp: 550312

Ion Ratio Lower Upper

105 100

120 28.6 20.1 30.1

77 13.9 13.8 20.8



#62

1,3,5-Trimethylbenzene

Concen: 7.039 ug/L

RT: 12.944 min Scan# 1811

Delta R.T. 0.006 min

Lab File: VW021937.D

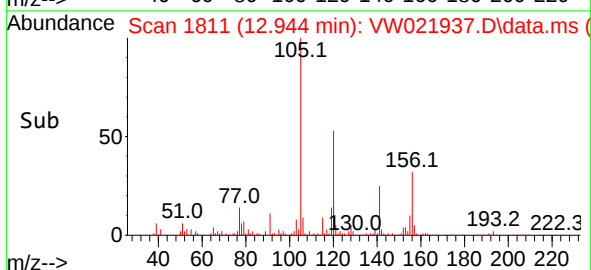
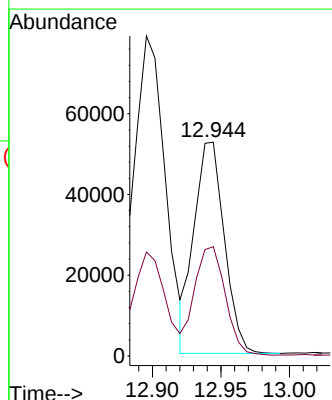
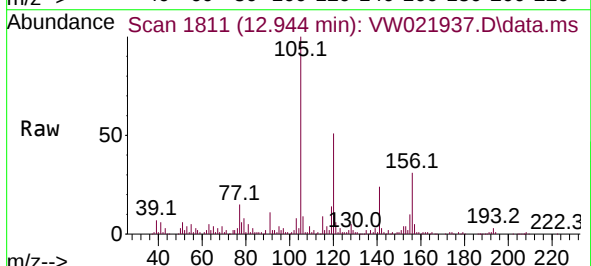
Acq: 15 Jan 2022 04:55

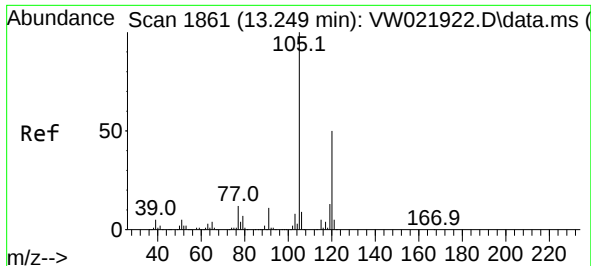
Tgt Ion:105 Resp: 80577

Ion Ratio Lower Upper

105 100

120 51.9 37.4 56.2

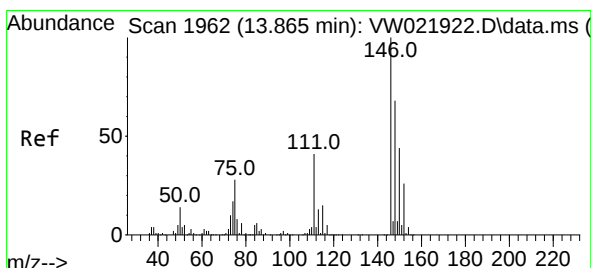
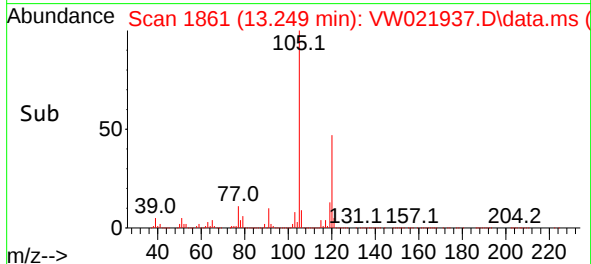
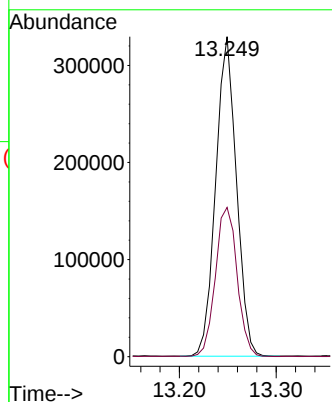
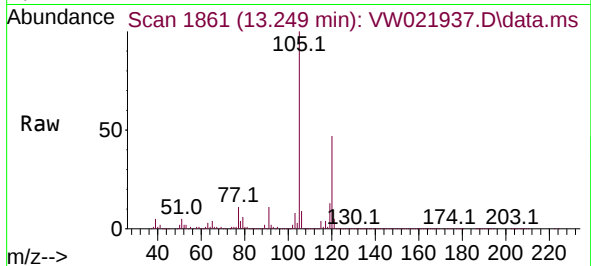




#63
1,2,4-Trimethylbenzene
Concen: 43.311 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. -0.000 min
Lab File: VW021937.D
Acq: 15 Jan 2022 04:55

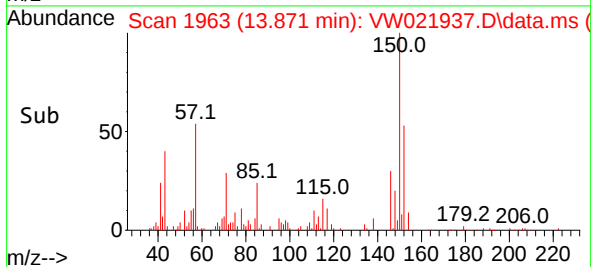
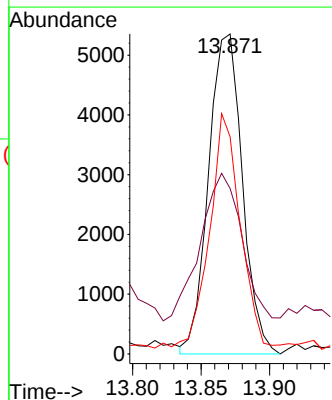
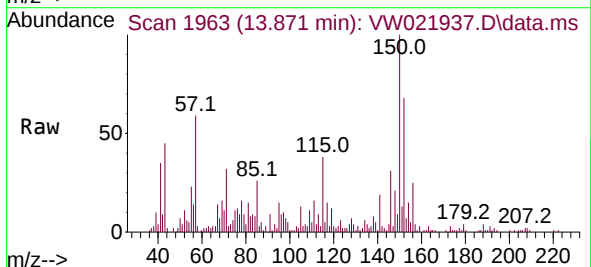
Instrument :
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BGLW4

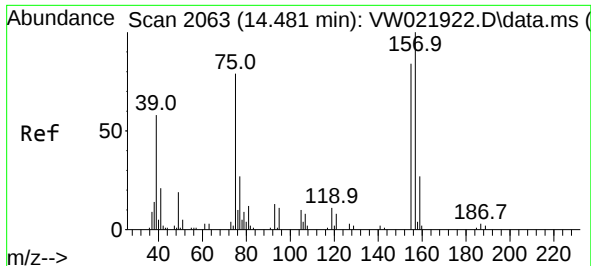
Tgt Ion:105 Resp: 488957
Ion Ratio Lower Upper
105 100
120 48.9 35.0 52.6



#67
1,2-Dichlorobenzene
Concen: 1.511 ug/L
RT: 13.871 min Scan# 1963
Delta R.T. 0.006 min
Lab File: VW021937.D
Acq: 15 Jan 2022 04:55

Tgt Ion:146 Resp: 9194
Ion Ratio Lower Upper
146 100
111 51.7 33.1 49.7#
148 67.9 47.4 71.2





#68

1,2-Dibromo-3-chloropropane

Concen: 4.187 ug/L

RT: 14.804 min Scan# 2116

Delta R.T. 0.323 min

Lab File: VW021937.D

Acq: 15 Jan 2022 04:55

Instrument :

MSVOA_W

ClientSampleId :

BGLW4

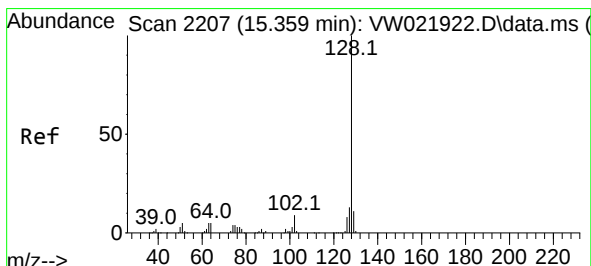
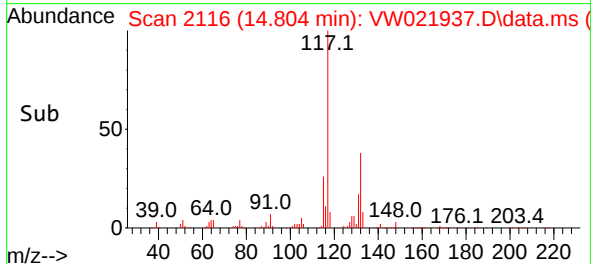
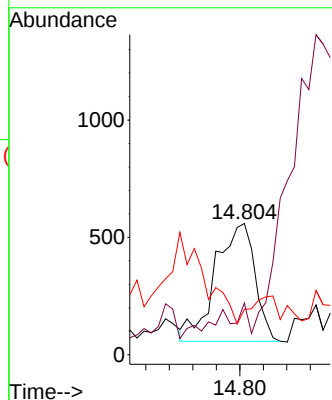
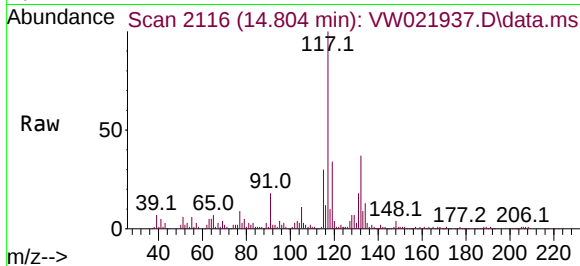
Tgt Ion: 75 Resp: 1173

Ion Ratio Lower Upper

75 100

155 39.4 54.2 81.2#

157 34.5 69.4 104.2#



#71

Naphthalene

Concen: 148.502 ug/L

RT: 15.359 min Scan# 2207

Delta R.T. -0.000 min

Lab File: VW021937.D

Acq: 15 Jan 2022 04:55

Tgt Ion:128 Resp: 942860

Ion Ratio Lower Upper

128 100

127 12.8 10.7 16.1

129 10.5 8.6 12.8

