

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121521\
 Data File : VW021396.D
 Acq On : 15 Dec 2021 17:54
 Operator : SY/VA
 Sample : M5101-13
 Misc : 7.42g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BGL37

Quant Time: Dec 16 01:00:43 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Dec 16 00:57:02 2021
 Response via : Initial Calibration

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

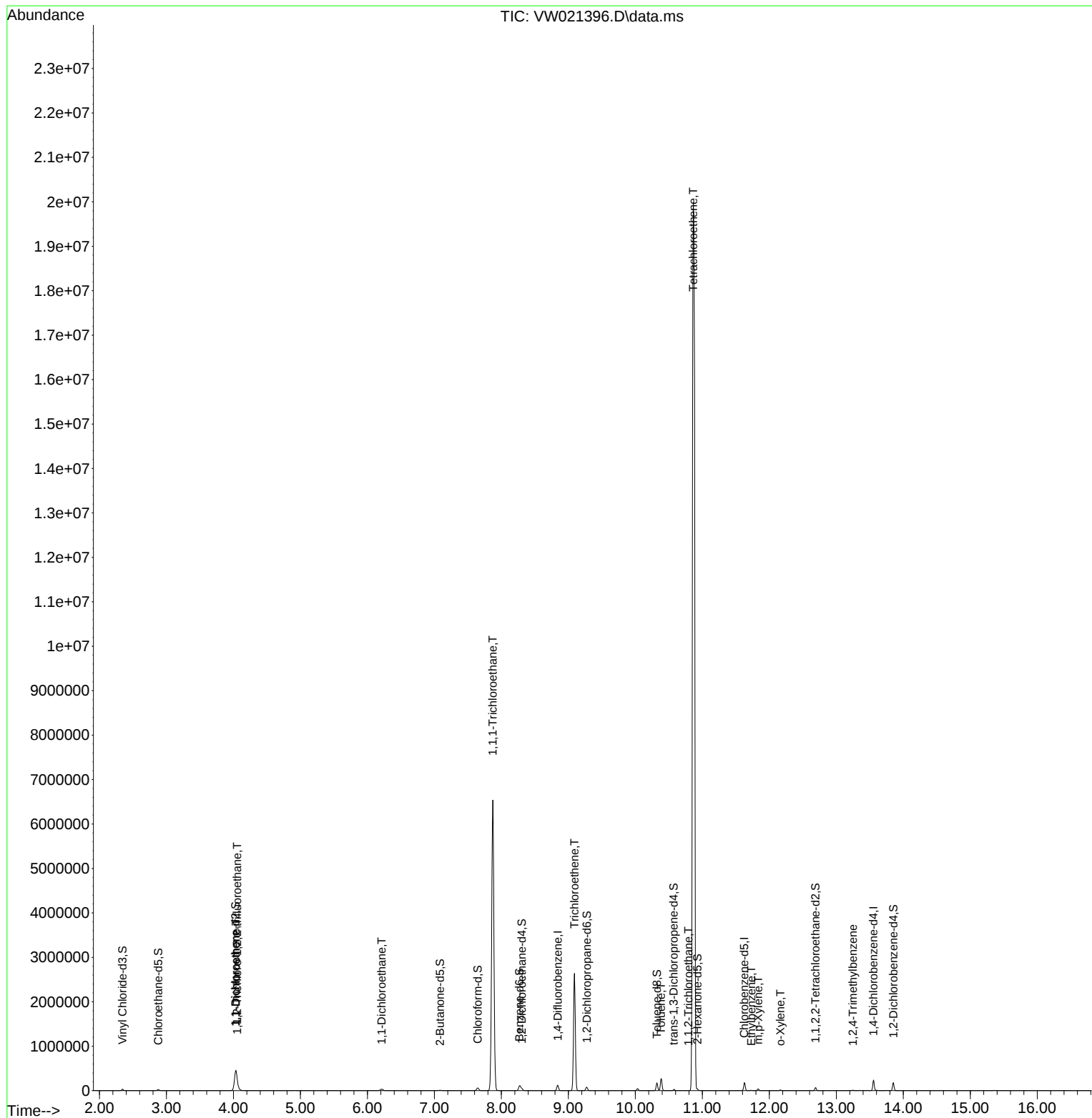
Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	102427	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	100456	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	62092	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	32187	17.254	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.000%
7) Chloroethane-d5	2.879	69	26896	21.810	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.240%
11) 1,1-Dichloroethene-d2	4.031	63	161447	64.916	ug/L	0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	259.680%#
21) 2-Butanone-d5	7.086	46	15452	58.763	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	117.520%
24) Chloroform-d	7.647	84	62123	21.764	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.040%
26) 1,2-Dichloroethane-d4	8.305	65	34839	22.945	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.800%
32) Benzene-d6	8.268	84	114662	20.824	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	83.280%
36) 1,2-Dichloropropane-d6	9.274	67	32999	22.346	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.400%
41) Toluene-d8	10.323	98	111809	19.873	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	79.480%
43) trans-1,3-Dichloroprop...	10.573	79	15291	22.488	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.960%
47) 2-Hexanone-d5	10.926	63	11976	54.843	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	109.680%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	32218	25.379	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	101.520%
66) 1,2-Dichlorobenzene-d4	13.853	152	47610	19.785	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	79.120%
Target Compounds						
						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	19334	13.670	ug/L	93
12) 1,1-Dichloroethene	4.037	96	257485	202.804	ug/L #	59
19) 1,1-Dichloroethane	6.214	63	47407	21.976	ug/L	98
30) 1,1,1-Trichloroethane	7.872	97	4969733	2204.903	ug/L #	92
34) Trichloroethene	9.091	95	838575	545.886	ug/L	93
42) Toluene	10.384	91	196631	30.723	ug/L	99
45) 1,1,2-Trichloroethane	10.792	97	609	0.610	ug/L	91
46) Tetrachloroethene	10.865	164	6728218	4610.563	ug/L	97
52) Ethylbenzene	11.731	91	5037	0.689	ug/L	94
53) m,p-Xylene	11.835	106	11914	4.038	ug/L	89
54) o-Xylene	12.164	106	4073	1.455	ug/L	88
63) 1,2,4-Trimethylbenzene	13.249	105	5891	0.832	ug/L	94

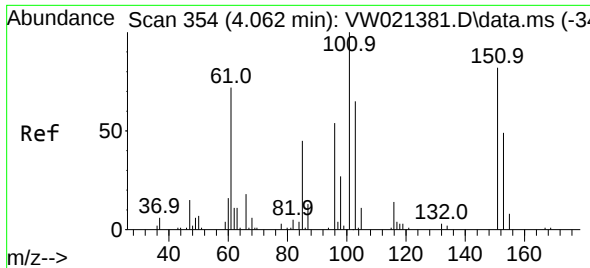
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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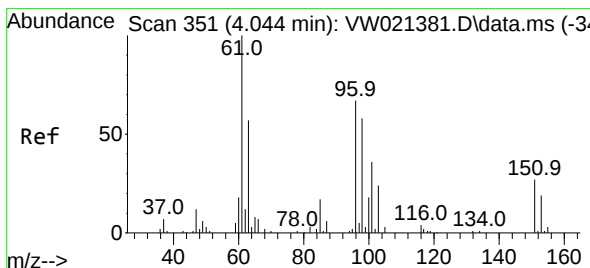
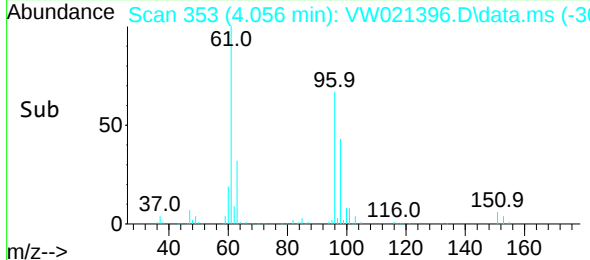
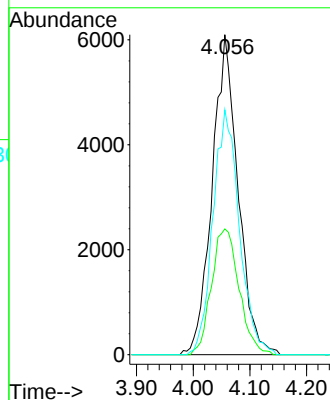
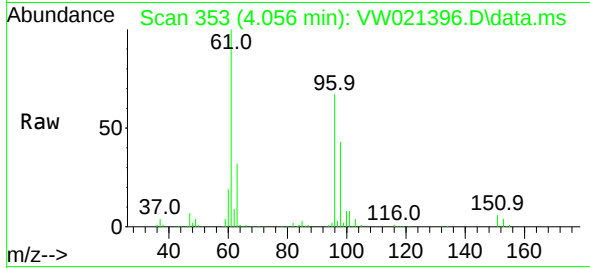




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 13.670 ug/L
 RT: 4.056 min Scan# 31
 Delta R.T. -0.006 min
 Lab File: VW021396.D
 Acq: 15 Dec 2021 17:54

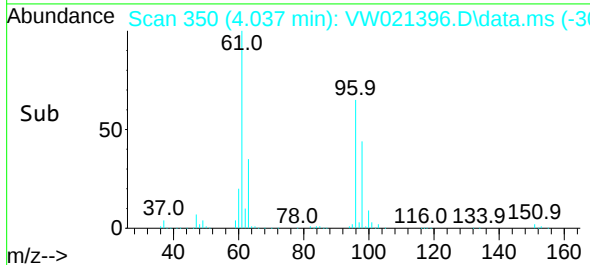
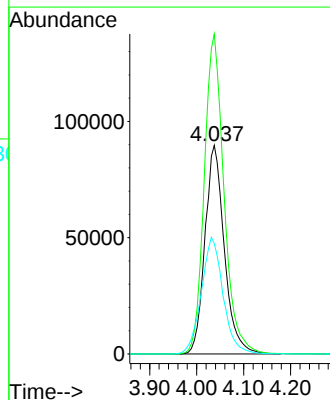
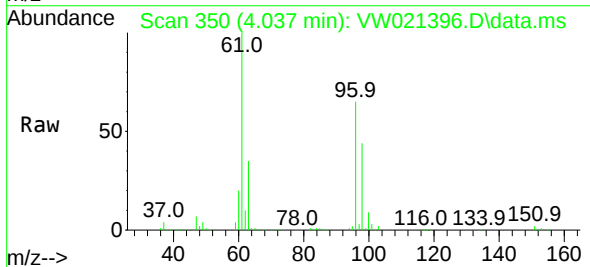
Instrument :
 MSVOA_W
 ClientSampleId :
 BGL37

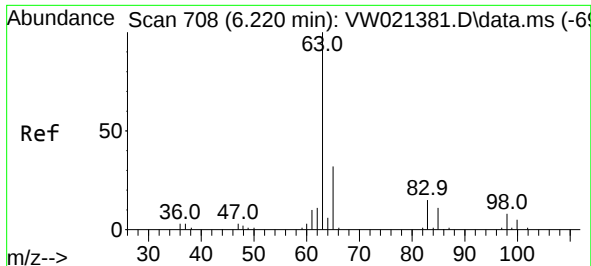
Tgt Ion:101 Resp: 19334
 Ion Ratio Lower Upper
 101 100
 85 41.7 36.6 54.8
 151 78.0 57.4 86.0



#12
 1,1-Dichloroethene
 Concen: 202.804 ug/L
 RT: 4.037 min Scan# 350
 Delta R.T. -0.006 min
 Lab File: VW021396.D
 Acq: 15 Dec 2021 17:54

Tgt Ion: 96 Resp: 257485
 Ion Ratio Lower Upper
 96 100
 61 153.4 138.3 256.9
 63 53.0 82.6 153.4#





#19

1,1-Dichloroethane

Concen: 21.976 ug/L

RT: 6.214 min Scan# 708

Delta R.T. -0.006 min

Lab File: VW021396.D

Acq: 15 Dec 2021 17:54

Instrument :

MSVOA_W

ClientSampleId :

BGL37

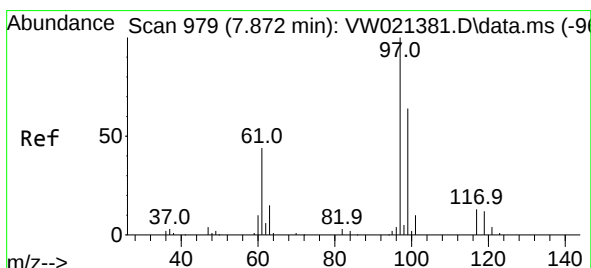
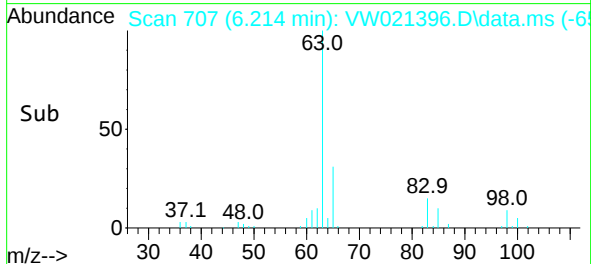
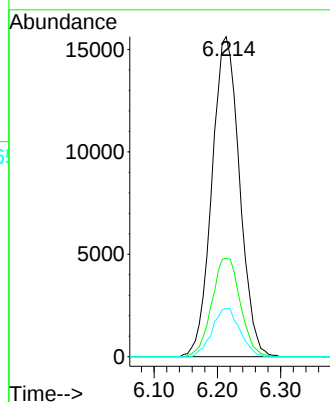
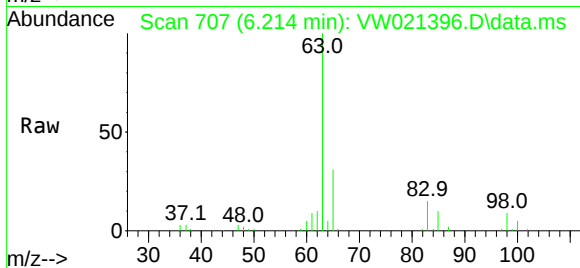
Tgt Ion: 63 Resp: 47407

Ion Ratio Lower Upper

63 100

65 30.8 22.1 41.1

83 15.1 9.2 17.2



#30

1,1,1-Trichloroethane

Concen: 2204.903 ug/L

RT: 7.872 min Scan# 979

Delta R.T. -0.000 min

Lab File: VW021396.D

Acq: 15 Dec 2021 17:54

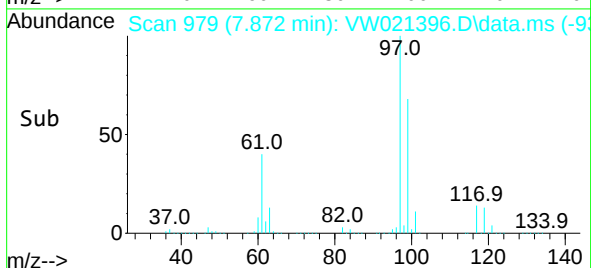
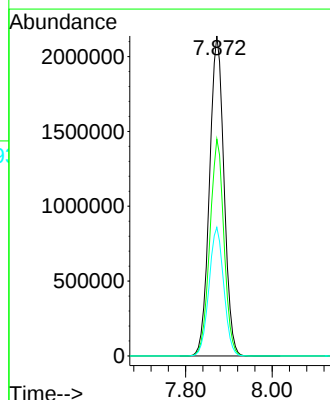
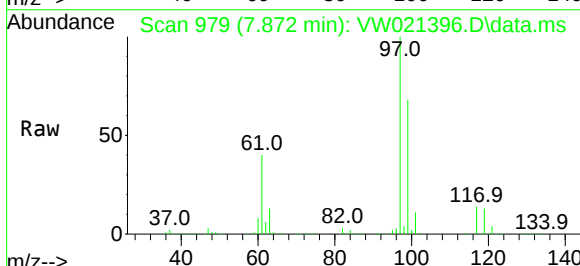
Tgt Ion: 97 Resp: 4969733

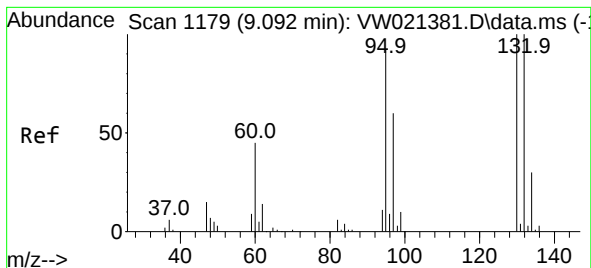
Ion Ratio Lower Upper

97 100

99 66.0 51.6 77.4

61 40.9 40.9 61.3#





#34

Trichloroethene

Concen: 545.886 ug/L

RT: 9.091 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VW021396.D

Acq: 15 Dec 2021 17:54

Instrument :

MSVOA_W

ClientSampleId :

BGL37

Tgt Ion: 95 Resp: 838575

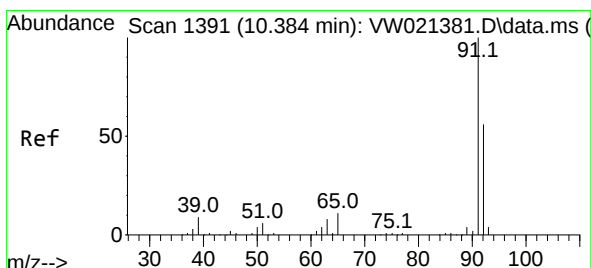
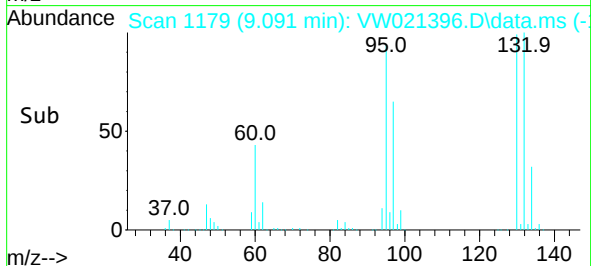
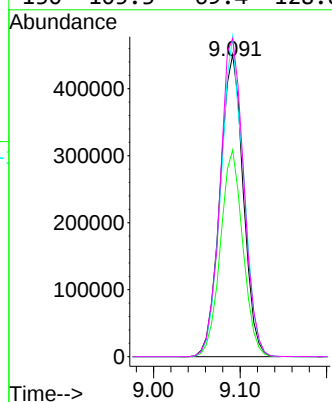
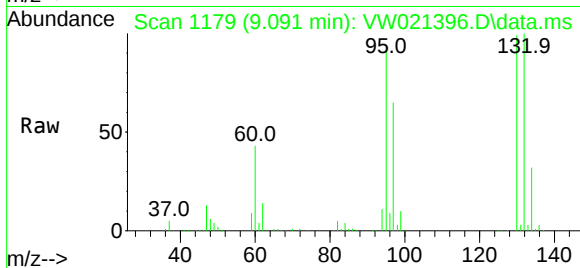
Ion Ratio Lower Upper

95 100

97 68.4 47.0 87.2

132 105.9 65.5 121.6

130 105.3 69.4 128.8



#42

Toluene

Concen: 30.723 ug/L

RT: 10.384 min Scan# 1391

Delta R.T. -0.000 min

Lab File: VW021396.D

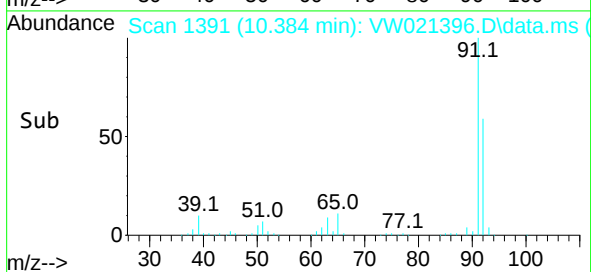
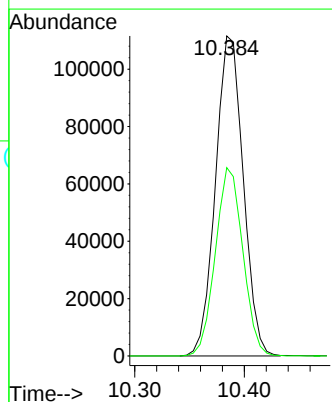
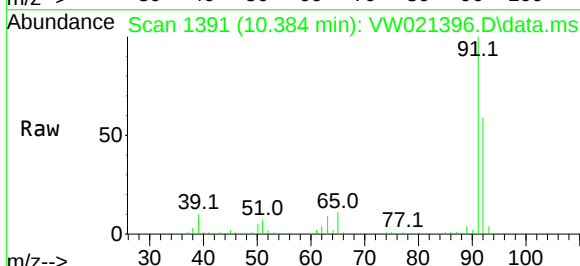
Acq: 15 Dec 2021 17:54

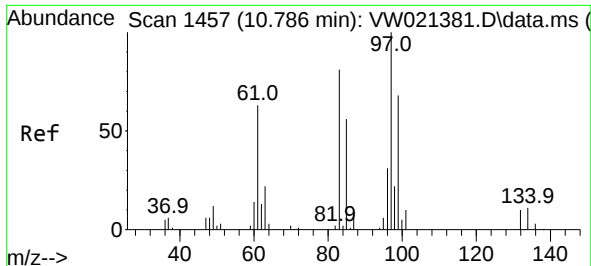
Tgt Ion: 91 Resp: 196631

Ion Ratio Lower Upper

91 100

92 58.8 41.7 77.5



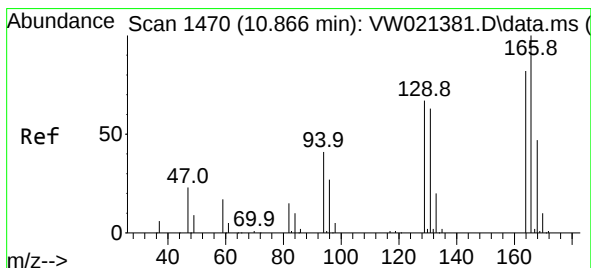
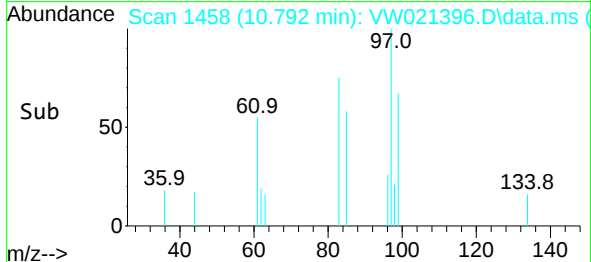
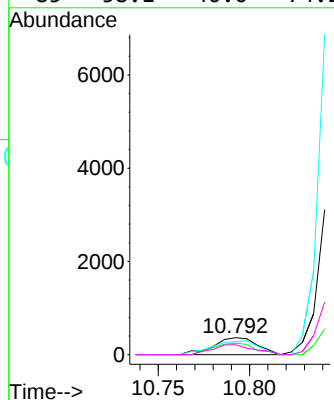
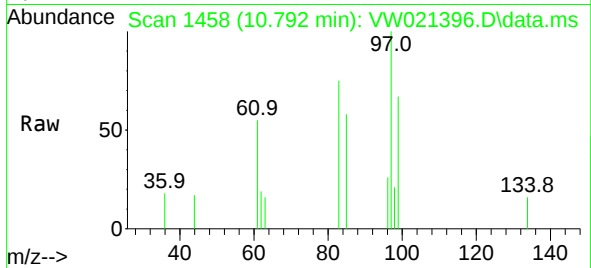


#45
1,1,2-Trichloroethane
Concen: 0.610 ug/L
RT: 10.792 min Scan# 1457
Delta R.T. 0.006 min
Lab File: VW021396.D
Acq: 15 Dec 2021 17:54

Instrument :
MSVOA_W
ClientSampleId :
BGL37

Tgt Ion: 97 Resp: 609

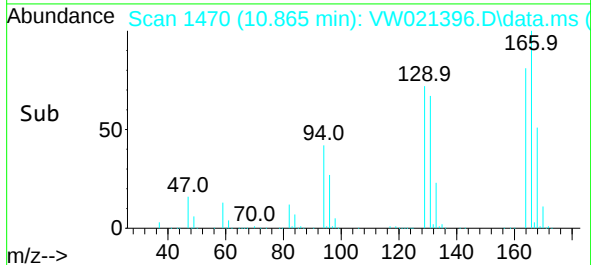
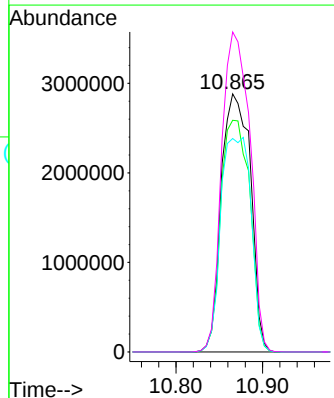
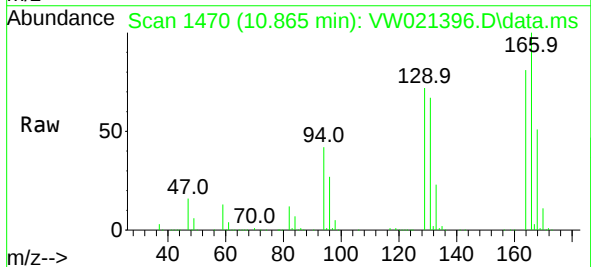
Ion	Ratio	Lower	Upper
97	100		
99	67.4	43.0	79.8
83	75.1	62.6	116.3
85	58.1	40.0	74.2

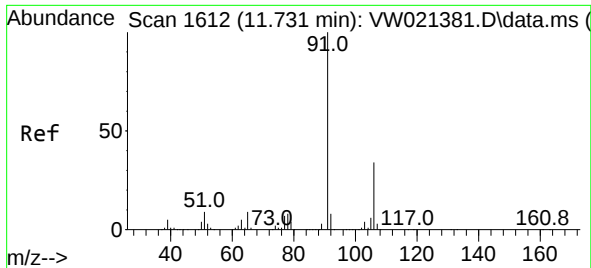


#46
Tetrachloroethene
Concen: 4610.563 ug/L
RT: 10.865 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VW021396.D
Acq: 15 Dec 2021 17:54

Tgt Ion: 164 Resp: 6728218

Ion	Ratio	Lower	Upper
164	100		
129	89.8	65.5	121.7
131	82.8	59.7	110.9
166	124.0	88.7	164.7

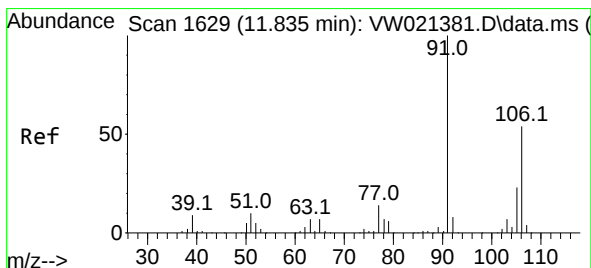
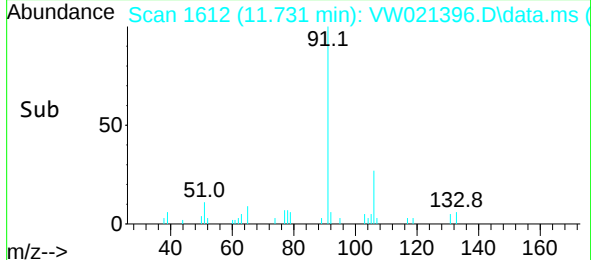
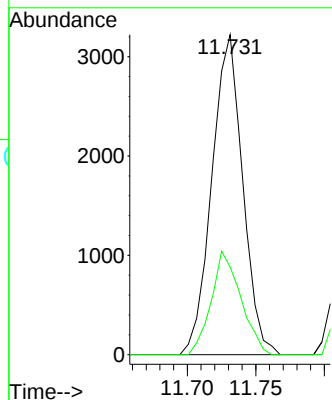
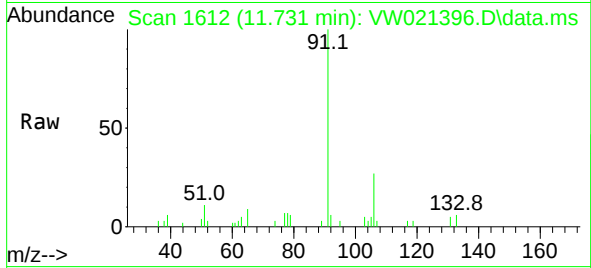




#52
Ethylbenzene
Concen: 0.689 ug/L
RT: 11.731 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW021396.D
Acq: 15 Dec 2021 17:54

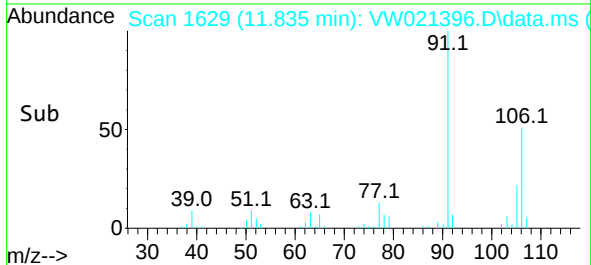
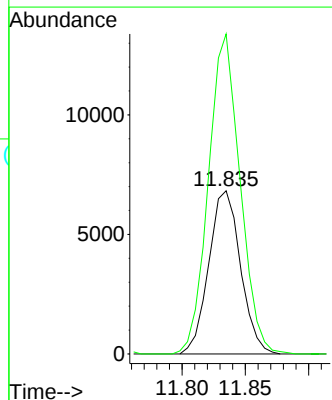
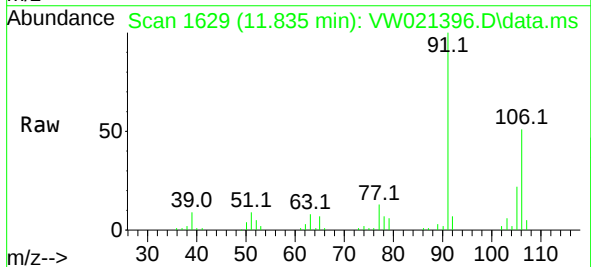
Instrument :
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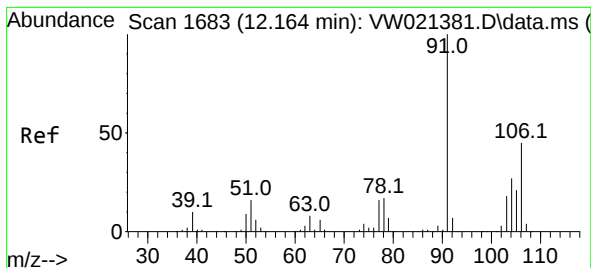
Tgt Ion: 91 Resp: 5037
Ion Ratio Lower Upper
91 100
106 27.4 21.5 39.9



#53
m,p-Xylene
Concen: 4.038 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VW021396.D
Acq: 15 Dec 2021 17:54

Tgt Ion: 106 Resp: 11914
Ion Ratio Lower Upper
106 100
91 196.1 149.9 278.3





#54

o-Xylene

Concen: 1.455 ug/L

RT: 12.164 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW021396.D

Acq: 15 Dec 2021 17:54

Instrument :

MSVOA_W

ClientSampleId :

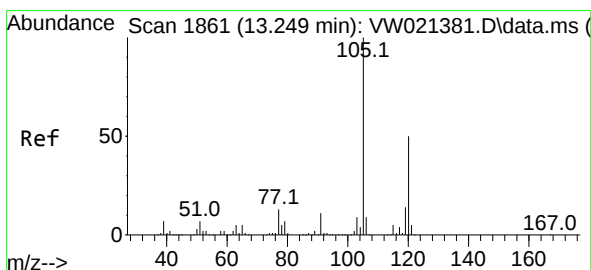
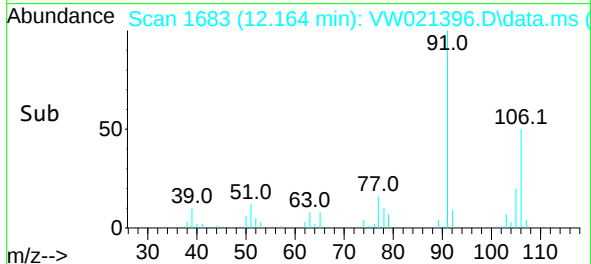
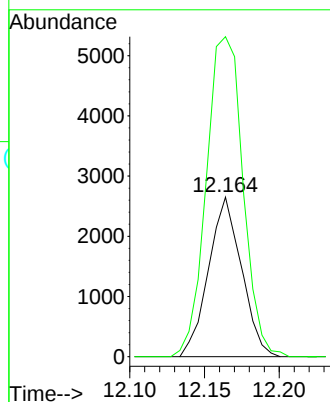
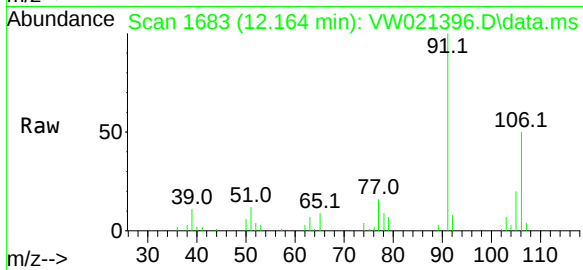
BGL37

Tgt Ion:106 Resp: 4073

Ion Ratio Lower Upper

106 100

91 200.5 153.6 285.3



#63

1,2,4-Trimethylbenzene

Concen: 0.832 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. -0.000 min

Lab File: VW021396.D

Acq: 15 Dec 2021 17:54

Tgt Ion:105 Resp: 5891

Ion Ratio Lower Upper

105 100

120 47.5 35.0 52.6

