

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121821\
 Data File : VW021447.D
 Acq On : 18 Dec 2021 02:04
 Operator : SY/VA
 Sample : M5153-08
 Misc : 6.41g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BGL73

Quant Time: Dec 18 04:00:08 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Dec 18 00:55:20 2021
 Response via : Initial Calibration

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

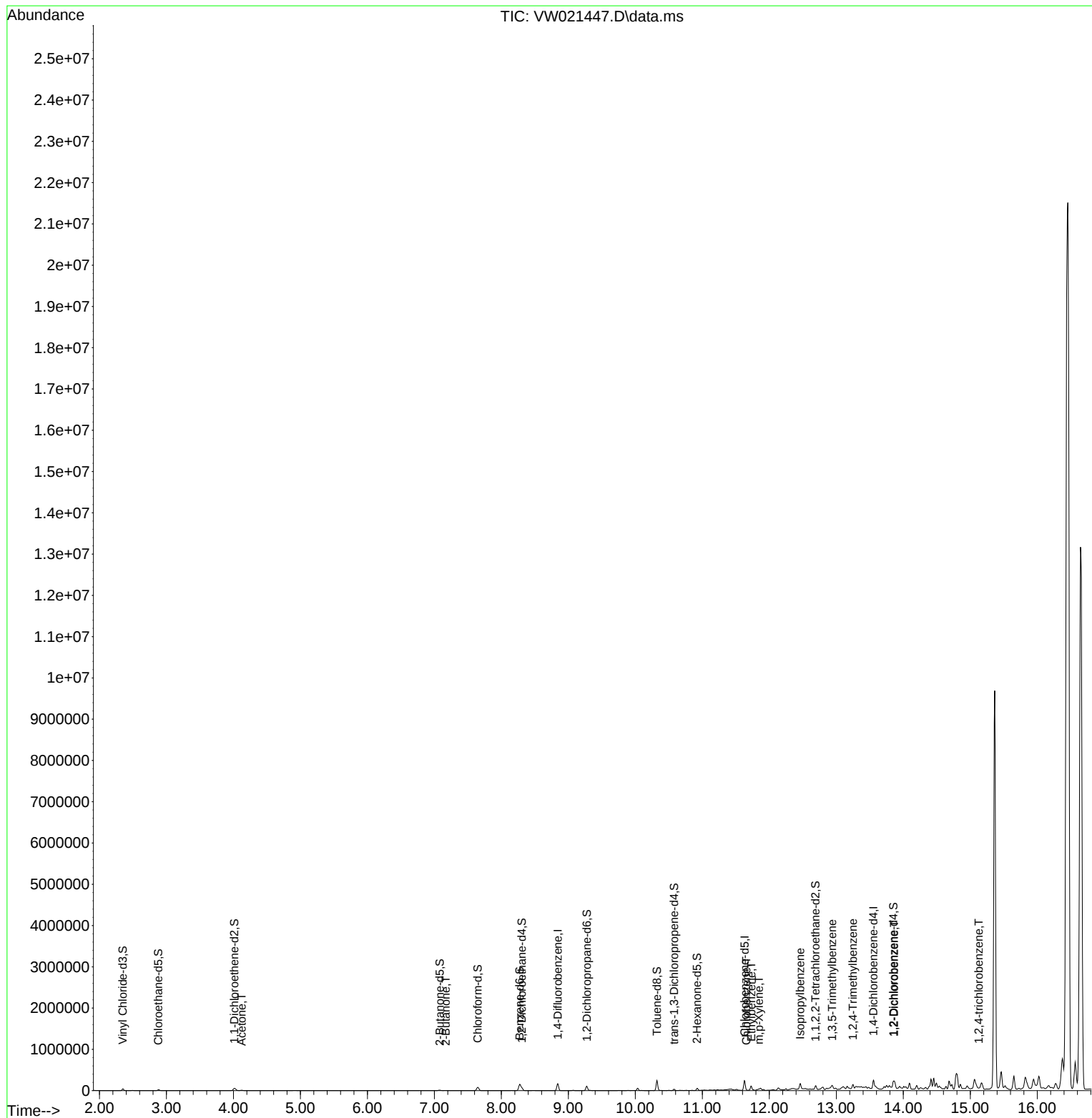
Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	144171	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.633	117	134906	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	61980	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	42841	16.316	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	65.280%		
7) Chloroethane-d5	2.879	69	26792	15.435	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	61.720%		
11) 1,1-Dichloroethene-d2	4.013	63	52663	15.044	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	60.160%		
21) 2-Butanone-d5	7.079	46	20823	56.260	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	112.520%		
24) Chloroform-d	7.646	84	83341	20.743	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	82.960%		
26) 1,2-Dichloroethane-d4	8.305	65	48549	22.717	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	90.880%		
32) Benzene-d6	8.274	84	157673	21.322	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	85.280%		
36) 1,2-Dichloropropane-d6	9.274	67	45734	23.061	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	92.240%		
41) Toluene-d8	10.323	98	153958	20.377	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	81.520%		
43) trans-1,3-Dichloroprop...	10.579	79	18646	20.420	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	81.680%		
47) 2-Hexanone-d5	10.920	63	17805	60.715	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	121.420%		
56) 1,1,2,2-Tetrachloroeth...	12.688	84	36094	21.172	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	84.680%		
66) 1,2-Dichlorobenzene-d4	13.853	152	46165	19.219	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	76.880%		
Target Compounds						Qvalue
13) Acetone	4.123	43	17796	53.634	ug/L	93
22) 2-Butanone	7.171	43	5468	12.619	ug/L	94
51) Chlorobenzene	11.658	112	3287	0.571	ug/L	95
52) Ethylbenzene	11.731	91	74865	7.622	ug/L	100
53) m,p-Xylene	11.847	106	5538	1.398	ug/L	93
60) Isopropylbenzene	12.463	105	86307	10.248	ug/L	96
62) 1,3,5-Trimethylbenzene	12.938	105	16359	2.283	ug/L	88
63) 1,2,4-Trimethylbenzene	13.249	105	66975	9.474	ug/L	97
67) 1,2-Dichlorobenzene	13.865	146	15992	4.573	ug/L	# 89
70) 1,2,4-trichlorobenzene	15.127	180	2986	1.250	ug/L	# 42

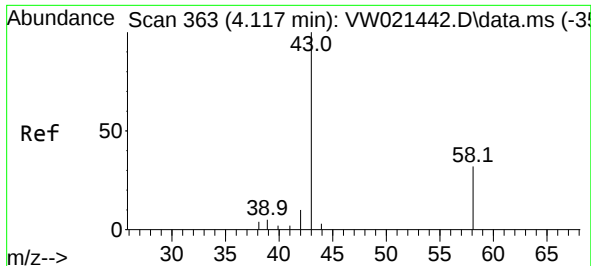
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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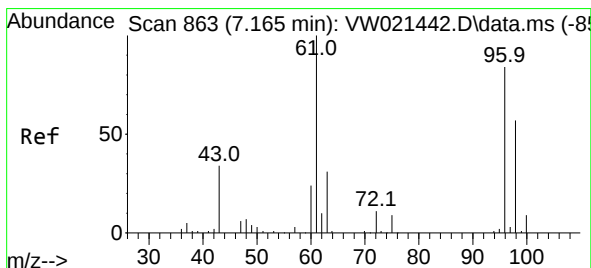
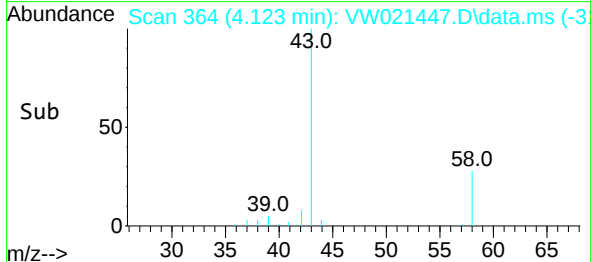
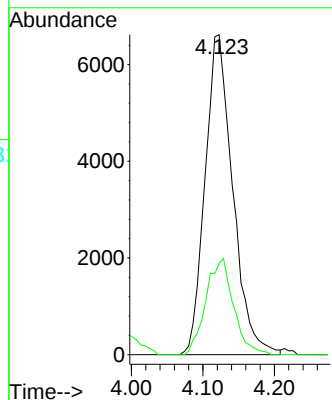
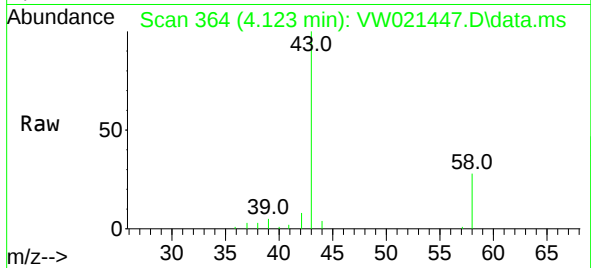




#13
Acetone
Concen: 53.634 ug/L
RT: 4.123 min Scan# 364
Delta R.T. 0.006 min
Lab File: VW021447.D
Acq: 18 Dec 2021 02:04

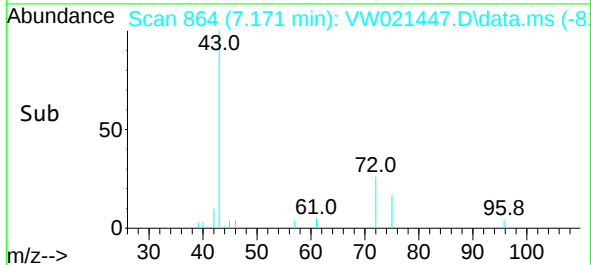
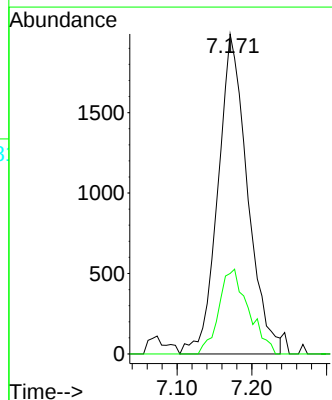
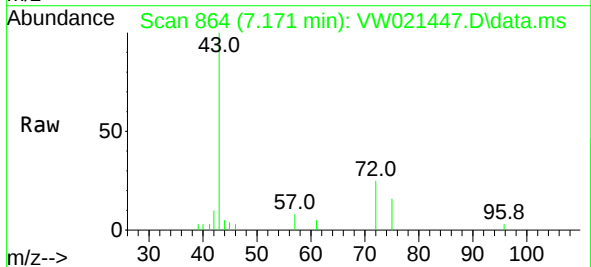
Instrument :
MSVOA_W
ClientSampleId :
BGL73

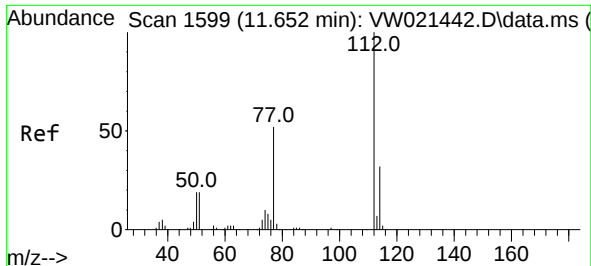
Tgt Ion: 43 Resp: 17796
Ion Ratio Lower Upper
43 100
58 30.0 0.0 52.8



#22
2-Butanone
Concen: 12.619 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.006 min
Lab File: VW021447.D
Acq: 18 Dec 2021 02:04

Tgt Ion: 43 Resp: 5468
Ion Ratio Lower Upper
43 100
72 26.6 11.8 35.4

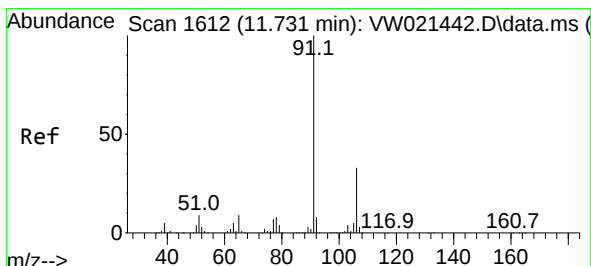
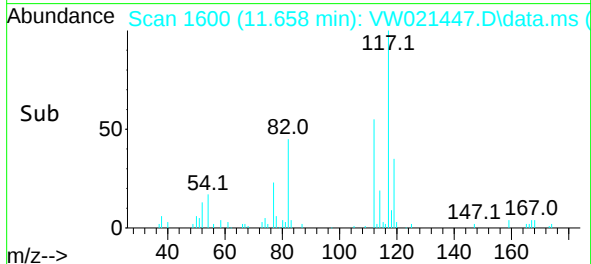
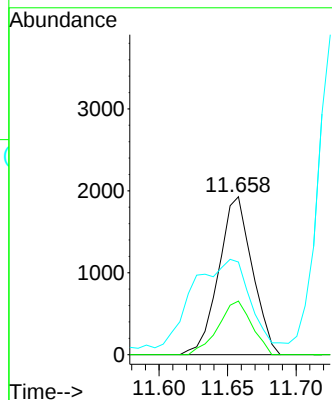
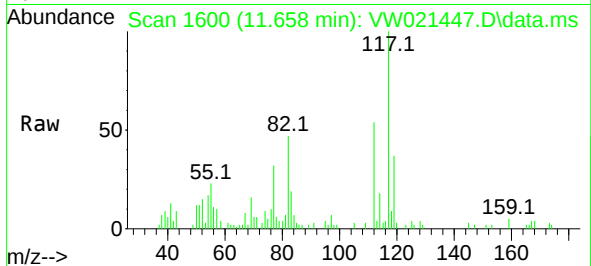




#51
Chlorobenzene
Concen: 0.571 ug/L
RT: 11.658 min Scan# 1159
Delta R.T. 0.006 min
Lab File: VW021447.D
Acq: 18 Dec 2021 02:04

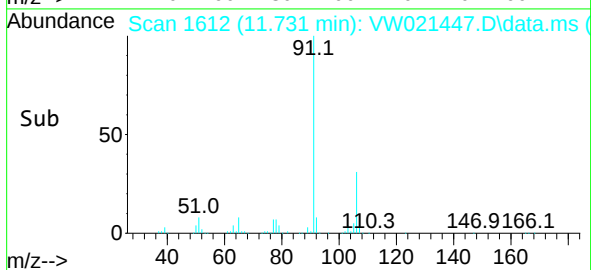
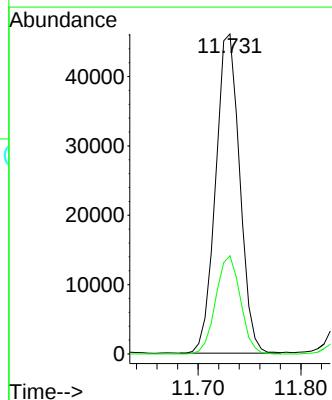
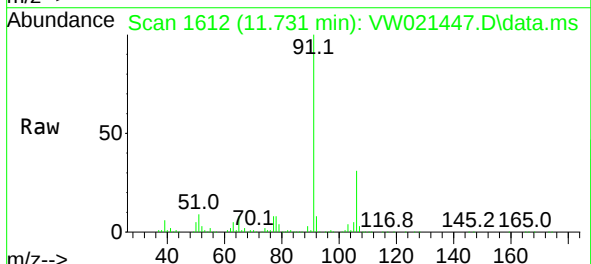
Instrument :
MSVOA_W
ClientSampleId :
BGL73

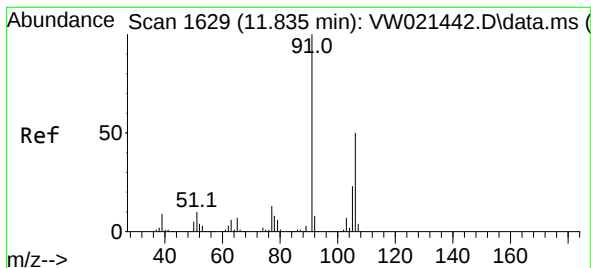
Tgt Ion:112 Resp: 3287
Ion Ratio Lower Upper
112 100
114 34.0 22.4 41.6
77 58.7 50.2 75.4



#52
Ethylbenzene
Concen: 7.622 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW021447.D
Acq: 18 Dec 2021 02:04

Tgt Ion: 91 Resp: 74865
Ion Ratio Lower Upper
91 100
106 30.7 21.5 39.9





#53

m,p-Xylene

Concen: 1.398 ug/L

RT: 11.847 min Scan# 1

Delta R.T. 0.012 min

Lab File: VW021447.D

Acq: 18 Dec 2021 02:04

Instrument :

MSVOA_W

ClientSampleId :

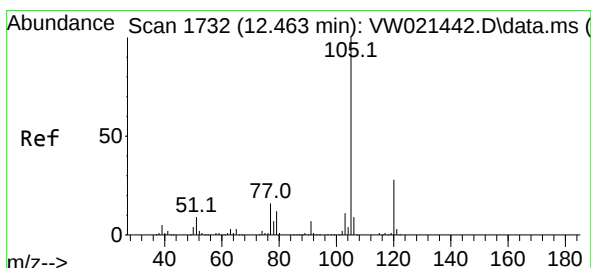
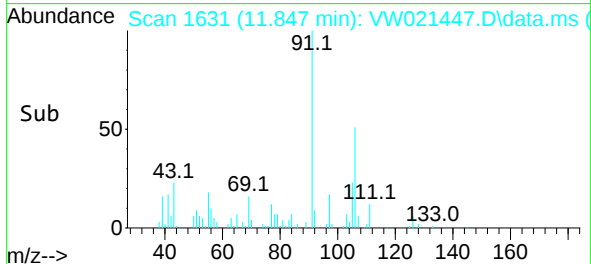
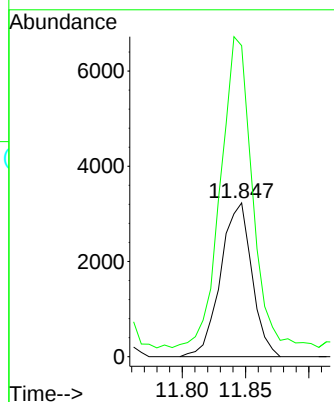
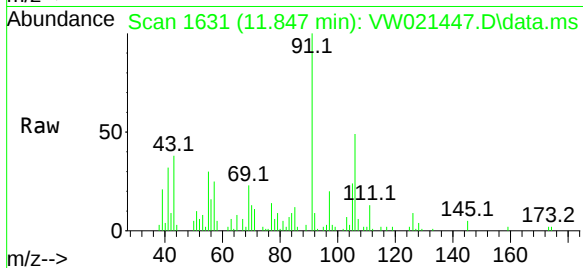
BGL73

Tgt Ion:106 Resp: 5538

Ion Ratio Lower Upper

106 100

91 202.4 149.9 278.3



#60

Isopropylbenzene

Concen: 10.248 ug/L

RT: 12.463 min Scan# 1732

Delta R.T. -0.000 min

Lab File: VW021447.D

Acq: 18 Dec 2021 02:04

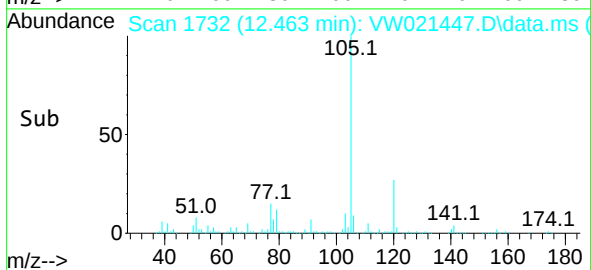
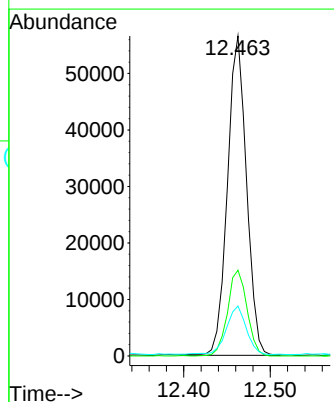
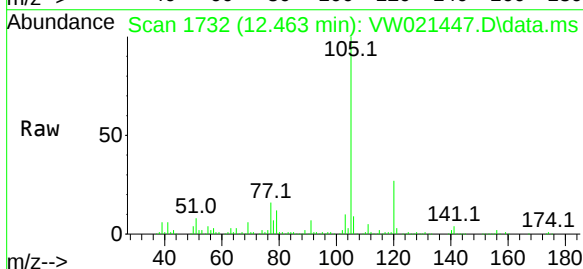
Tgt Ion:105 Resp: 86307

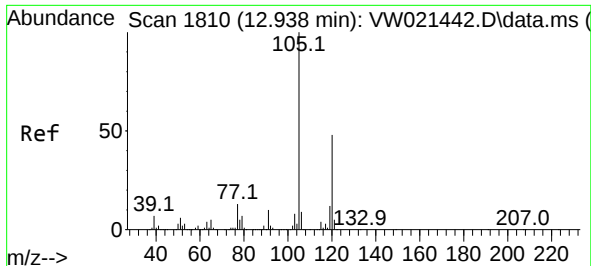
Ion Ratio Lower Upper

105 100

120 27.4 20.1 30.1

77 15.6 13.8 20.8

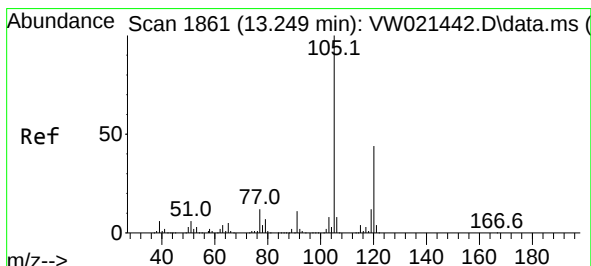
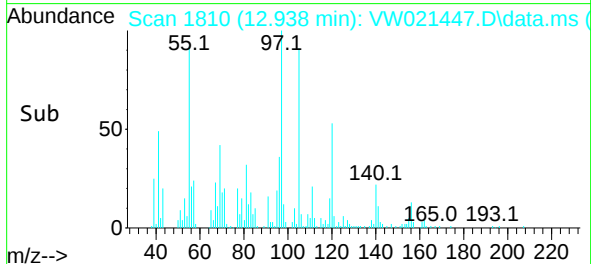
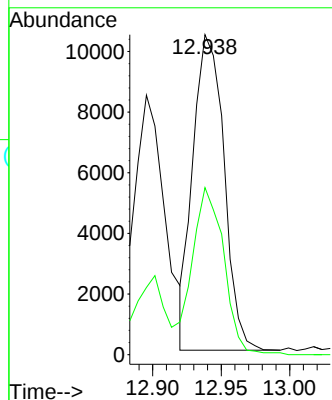
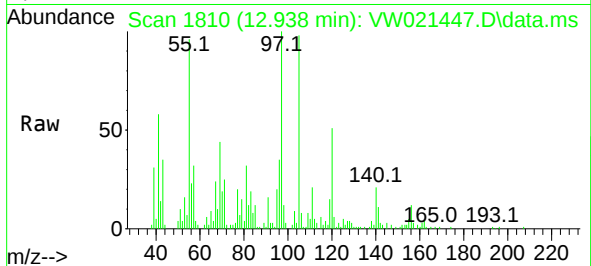




#62
1,3,5-Trimethylbenzene
Concen: 2.283 ug/L
RT: 12.938 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VW021447.D
Acq: 18 Dec 2021 02:04

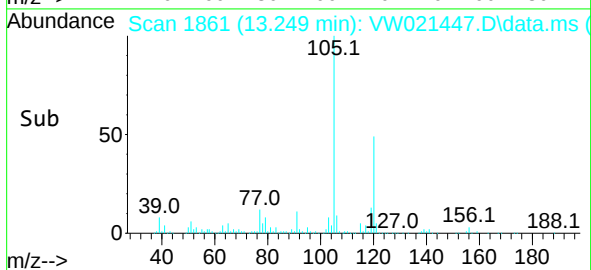
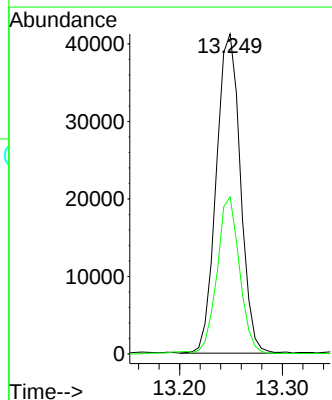
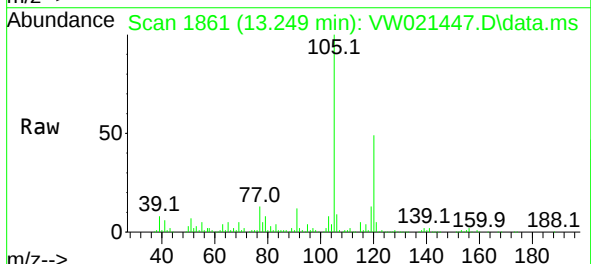
Instrument :
MSVOA_W
ClientSampleId :
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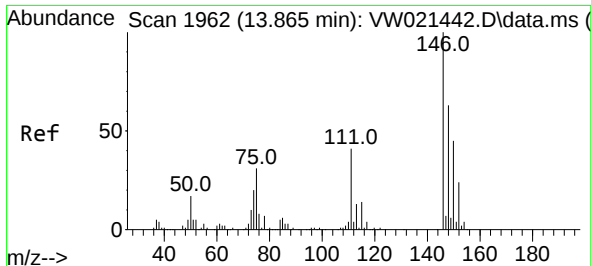
Tgt Ion:105 Resp: 16359
Ion Ratio Lower Upper
105 100
120 54.6 37.4 56.2



#63
1,2,4-Trimethylbenzene
Concen: 9.474 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. -0.000 min
Lab File: VW021447.D
Acq: 18 Dec 2021 02:04

Tgt Ion:105 Resp: 66975
Ion Ratio Lower Upper
105 100
120 46.0 35.0 52.6





#67

1,2-Dichlorobenzene

Concen: 4.573 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. -0.000 min

Lab File: VW021447.D

Acq: 18 Dec 2021 02:04

Instrument :

MSVOA_W

ClientSampleId :

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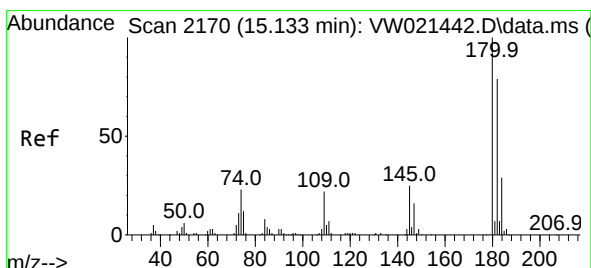
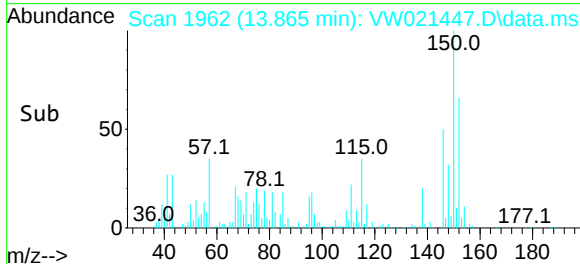
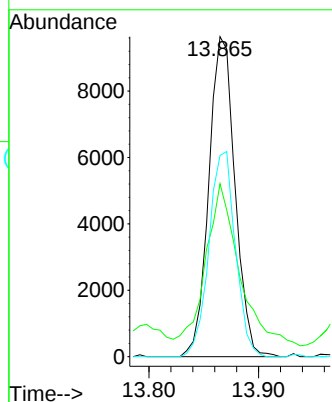
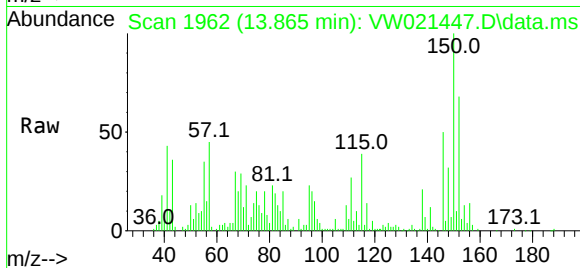
Tgt Ion:146 Resp: 15992

Ion Ratio Lower Upper

146 100

111 54.0 33.1 49.7#

148 62.9 47.4 71.2



#70

1,2,4-trichlorobenzene

Concen: 1.250 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. -0.006 min

Lab File: VW021447.D

Acq: 18 Dec 2021 02:04

Tgt Ion:180 Resp: 2986

Ion Ratio Lower Upper

180 100

182 105.6 79.0 118.6

145 152.9 26.0 39.0#

