

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102422\
 Data File : VW024969.D
 Acq On : 24 Oct 2022 16:43
 Operator : SY/VA
 Sample : N5258-04MSD
 Misc : 7.15g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GBLN3MSD

Quant Time: Oct 27 02:14:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Oct 27 02:12:22 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	447322	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	409850	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	194066	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	98598	18.683	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.720%
7) Chloroethane-d5	2.879	69	62923	20.364	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.440%
11) 1,1-Dichloroethene-d2	4.019	63	241910	21.083	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	84.320%
21) 2-Butanone-d5	7.080	46	132297	79.119	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	158.240%#
24) Chloroform-d	7.653	84	277376	21.984	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.920%
26) 1,2-Dichloroethane-d4	8.305	65	160142	24.252	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.000%
32) Benzene-d6	8.275	84	542792	21.120	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	84.480%
36) 1,2-Dichloropropane-d6	9.274	67	178463	22.640	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.560%
41) Toluene-d8	10.323	98	489301	21.212	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	84.840%
43) trans-1,3-Dichloroprop...	10.579	79	79181	26.485	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	105.960%
47) 2-Hexanone-d5	10.920	63	108878	82.383	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	164.760%#
56) 1,1,2,2-Tetrachloroeth...	12.688	84	191691	31.182	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	124.720%#
66) 1,2-Dichlorobenzene-d4	13.853	152	163126	23.002	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	43531	21.751	ug/L	99
3) Chloromethane	2.215	50	112581	24.153	ug/L	98
5) Vinyl chloride	2.361	62	165547	26.032	ug/L	95
6) Bromomethane	2.769	94	79566	25.761	ug/L	96
8) Chloroethane	2.916	64	69133	26.091	ug/L	97
9) Trichlorofluoromethane	3.251	101	75257	23.924	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	163630	25.549	ug/L	98
12) 1,1-Dichloroethene	4.044	96	155128	25.597	ug/L	84
13) Acetone	4.129	43	93420	79.839	ug/L	100
14) Carbon disulfide	4.385	76	496802	25.097	ug/L	99
15) Methyl Acetate	4.672	43	112907	39.649	ug/L	100
16) Methylene chloride	4.915	84	187785	23.776	ug/L	94
17) trans-1,2-Dichloroethene	5.427	96	172191	26.102	ug/L	95
18) Methyl tert-butyl Ether	5.427	73	326876	33.345	ug/L	99
19) 1,1-Dichloroethane	6.214	63	320299	26.244	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	255441	35.829	ug/L	99
22) 2-Butanone	7.171	43	155594	79.710	ug/L	99
23) Bromochloromethane	7.519	128	86163	29.547	ug/L	94
25) Chloroform	7.677	83	314810	26.279	ug/L	98

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 Response via : Initial Calibration

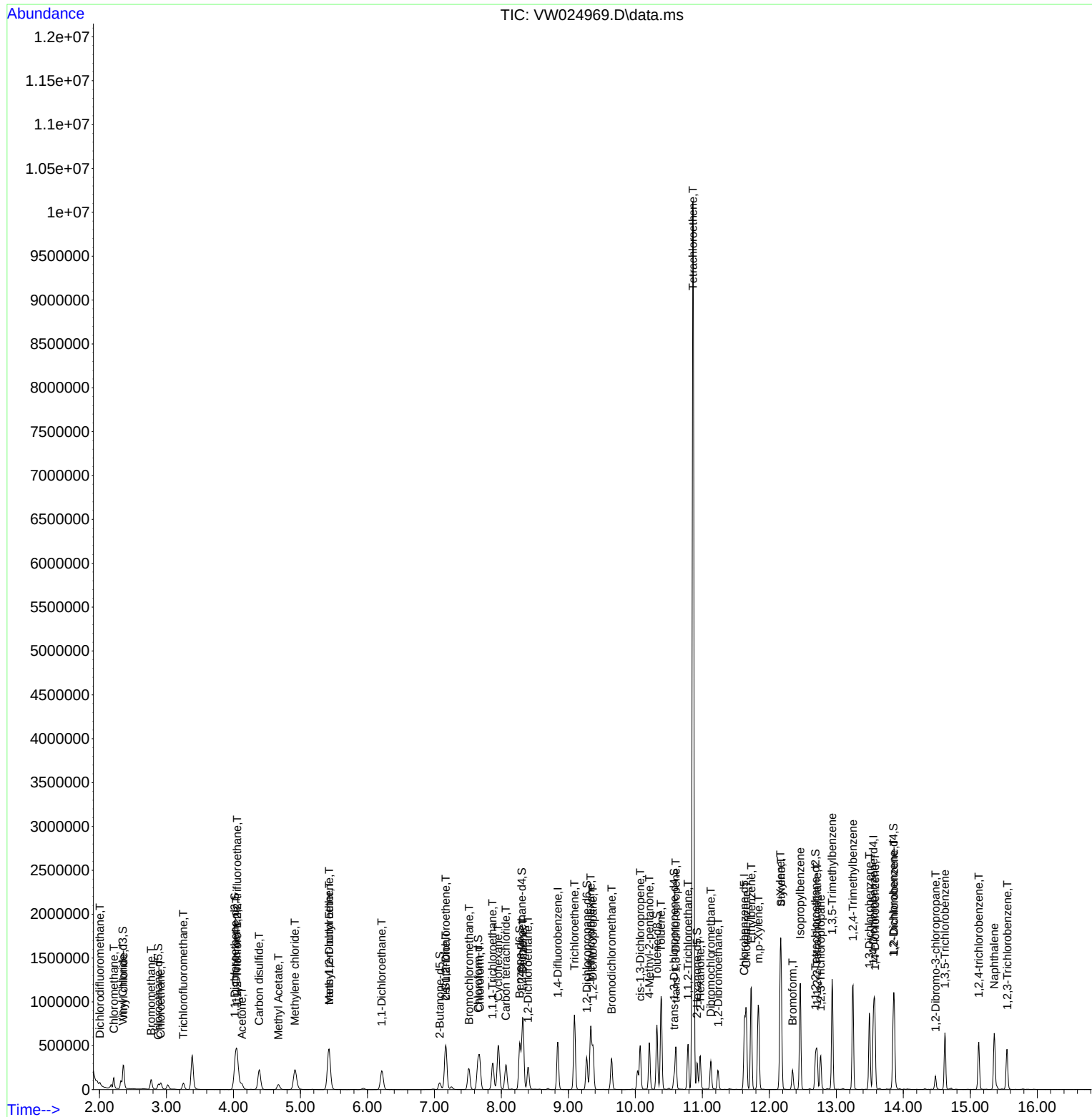
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.396	62	228890	29.548	ug/L	100
29) Cyclohexane	7.951	56	298672	25.093	ug/L	98
30) 1,1,1-Trichloroethane	7.866	97	248407	26.355	ug/L	99
31) Carbon tetrachloride	8.067	117	216063	26.108	ug/L	97
33) Benzene	8.323	78	732723	26.278	ug/L	100
34) Trichloroethene	9.091	95	306864	43.701	ug/L	98
35) Methylcyclohexane	9.335	83	304114	24.064	ug/L	98
37) 1,2-Dichloropropane	9.366	63	188926	27.188	ug/L	100
38) Bromodichloromethane	9.646	83	241264	28.100	ug/L	96
39) cis-1,3-Dichloropropene	10.073	75	296260	29.496	ug/L	100
40) 4-Methyl-2-pentanone	10.207	43	346506	84.367	ug/L	99
42) Toluene	10.384	91	783060	27.391	ug/L	99
44) trans-1,3-Dichloropropene	10.603	75	269771	32.350	ug/L	100
45) 1,1,2-Trichloroethane	10.786	97	157439	32.437	ug/L	98
46) Tetrachloroethene	10.859	164	2105059	440.889	ug/L	92
48) 2-Hexanone	10.969	43	243585	87.473	ug/L	98
49) Dibromochloromethane	11.128	129	166759	31.036	ug/L	99
50) 1,2-Dibromoethane	11.237	107	149902	32.784	ug/L #	100
51) Chlorobenzene	11.658	112	473402	26.347	ug/L	94
52) Ethylbenzene	11.731	91	847430	26.472	ug/L	97
53) m,p-Xylene	11.841	106	315020	25.901	ug/L	99
54) o-Xylene	12.164	106	304819	26.322	ug/L	98
55) Styrene	12.176	104	529019	26.634	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	213959	36.131	ug/L	98
59) Bromoform	12.347	173	96059	36.991	ug/L #	98
60) Isopropylbenzene	12.463	105	785806	25.102	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	162804	38.153	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	675661	25.139	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	677653	26.150	ug/L	99
64) 1,3-Dichlorobenzene	13.493	146	322608	25.305	ug/L	95
65) 1,4-Dichlorobenzene	13.578	146	328745	25.474	ug/L	98
67) 1,2-Dichlorobenzene	13.865	146	308132	27.191	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.481	75	39431	42.513	ug/L	92
69) 1,3,5-Trichlorobenzene	14.621	180	183167	22.005	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	154590	22.890	ug/L	99
71) Naphthalene	15.359	128	538452	36.797	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	140535	24.380	ug/L	97

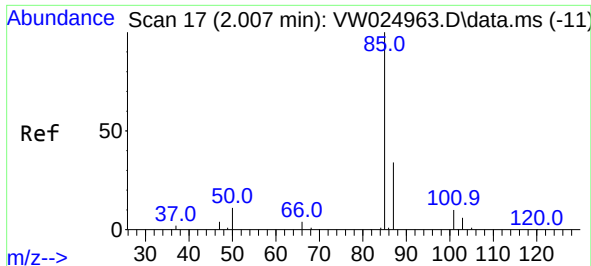
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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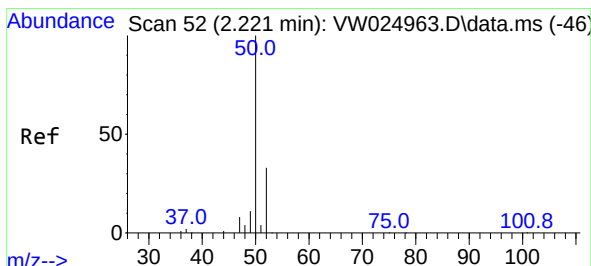
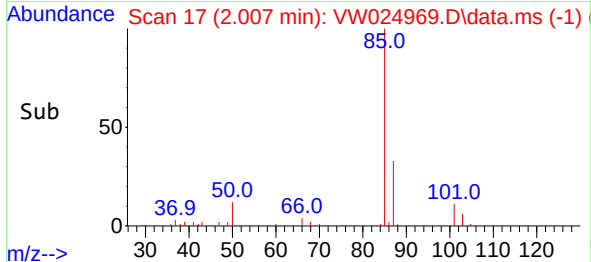
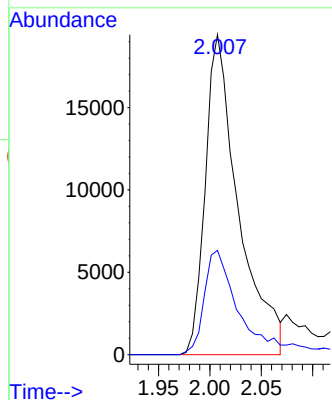
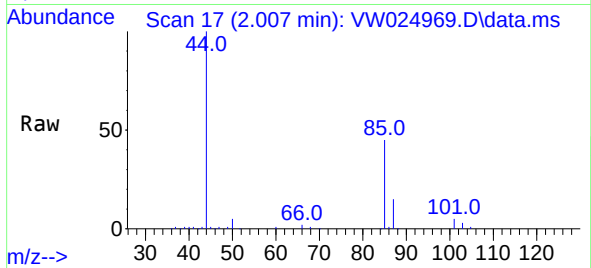




#2
Dichlorodifluoromethane
Concen: 21.751 ug/L
RT: 2.007 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW024969.D
Acq: 24 Oct 2022 16:43

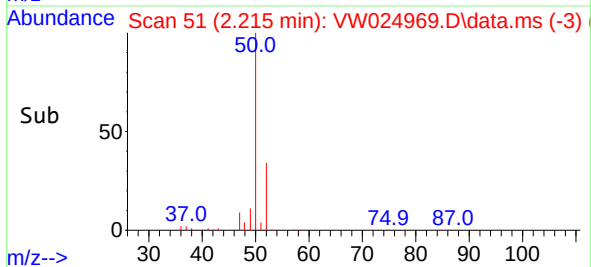
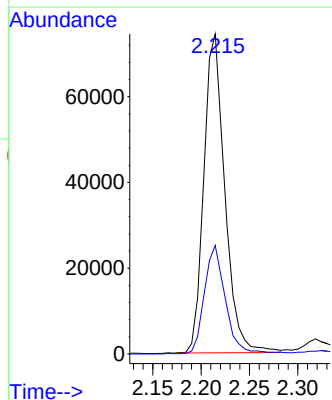
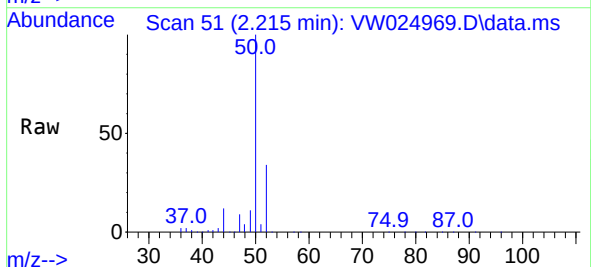
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ClientSampleId :
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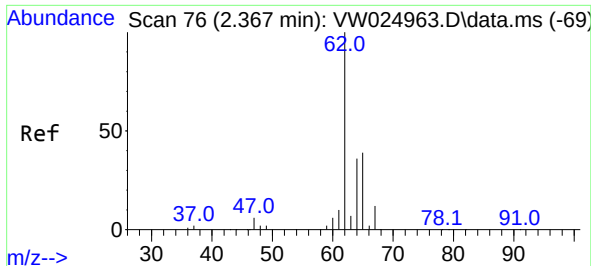
Tgt Ion: 85 Resp: 43531
Ion Ratio Lower Upper
85 100
87 32.7 26.8 40.2



#3
Chloromethane
Concen: 24.153 ug/L
RT: 2.215 min Scan# 51
Delta R.T. -0.006 min
Lab File: VW024969.D
Acq: 24 Oct 2022 16:43

Tgt Ion: 50 Resp: 112581
Ion Ratio Lower Upper
50 100
52 33.9 23.1 42.9

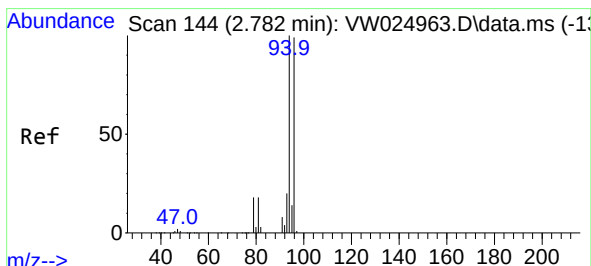
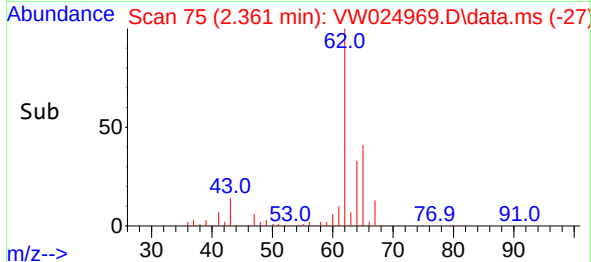
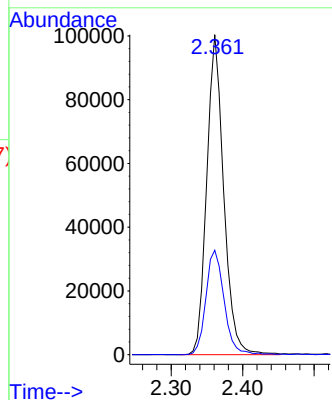
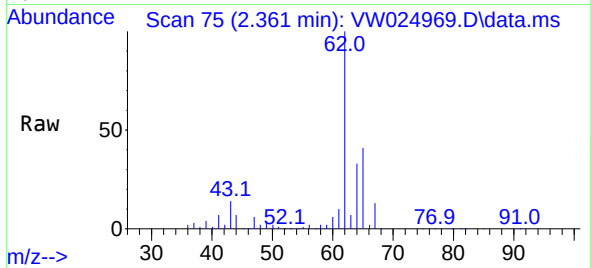




#5
 Vinyl chloride
 Concen: 26.032 ug/L
 RT: 2.361 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: VW024969.D
 Acq: 24 Oct 2022 16:43

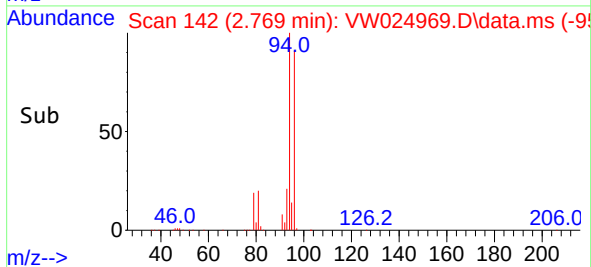
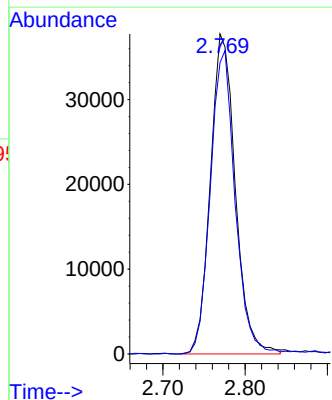
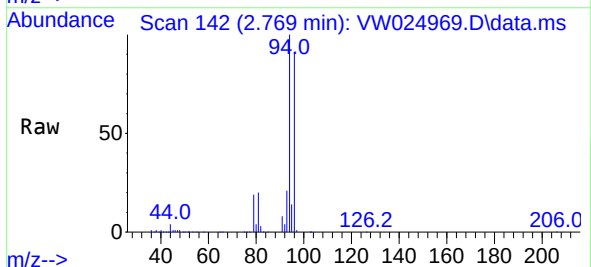
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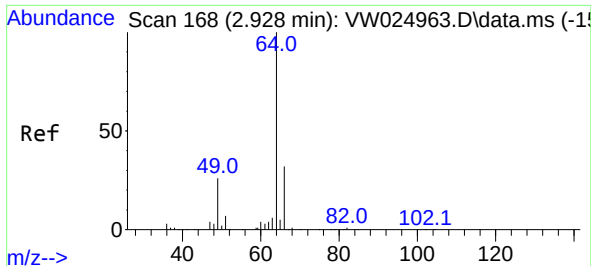
Tgt Ion: 62 Resp: 165547
 Ion Ratio Lower Upper
 62 100
 64 32.7 24.7 45.9



#6
 Bromomethane
 Concen: 25.761 ug/L
 RT: 2.769 min Scan# 142
 Delta R.T. -0.012 min
 Lab File: VW024969.D
 Acq: 24 Oct 2022 16:43

Tgt Ion: 94 Resp: 79566
 Ion Ratio Lower Upper
 94 100
 96 91.1 61.4 114.0

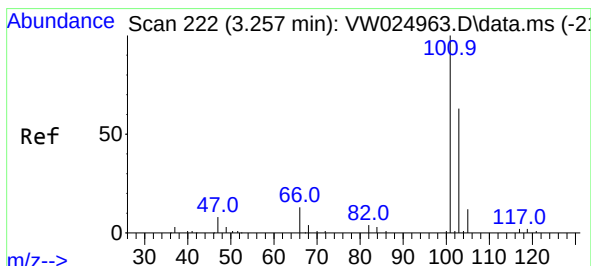
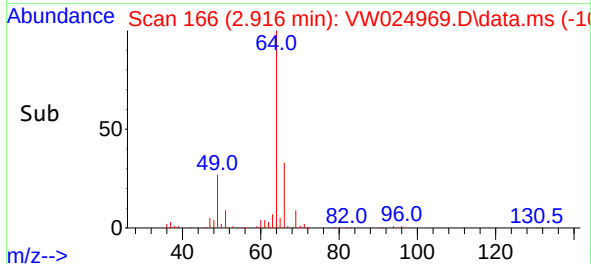
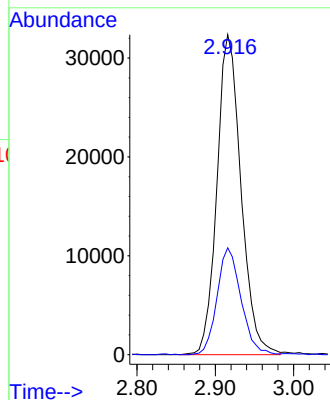
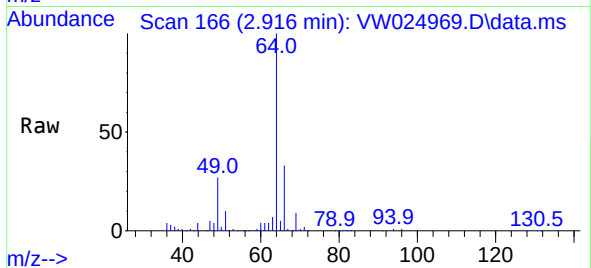




#8
Chloroethane
Concen: 26.091 ug/L
RT: 2.916 min Scan# 1
Delta R.T. -0.012 min
Lab File: VW024969.D
Acq: 24 Oct 2022 16:43

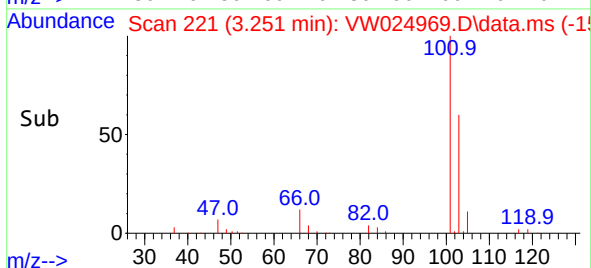
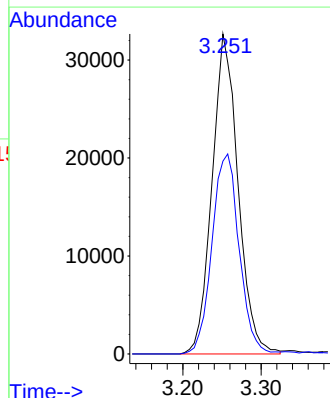
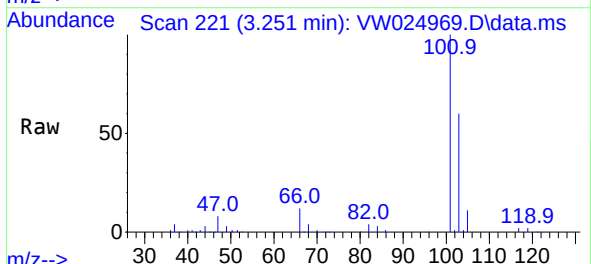
Instrument :
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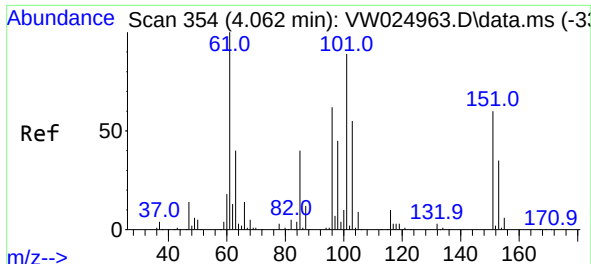
Tgt Ion: 64 Resp: 69133
Ion Ratio Lower Upper
64 100
66 33.4 22.3 41.5



#9
Trichlorofluoromethane
Concen: 23.924 ug/L
RT: 3.251 min Scan# 221
Delta R.T. -0.006 min
Lab File: VW024969.D
Acq: 24 Oct 2022 16:43

Tgt Ion: 101 Resp: 75257
Ion Ratio Lower Upper
101 100
103 65.2 52.9 79.3

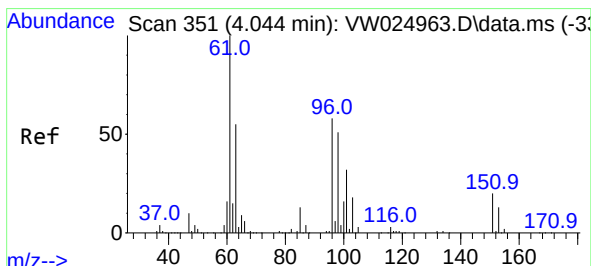
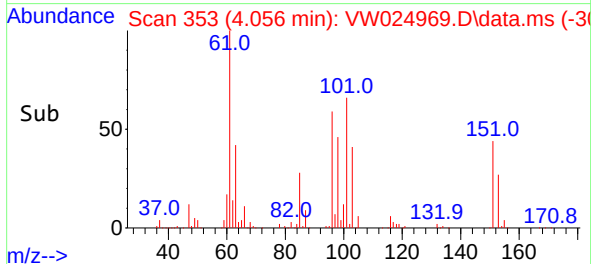
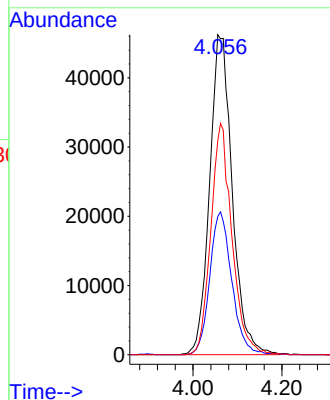
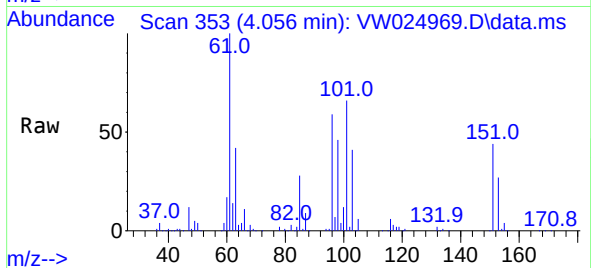




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 25.549 ug/L
RT: 4.056 min Scan# 310
Delta R.T. -0.006 min
Lab File: VW024969.D
Acq: 24 Oct 2022 16:43

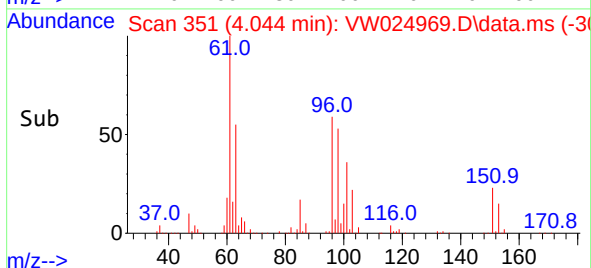
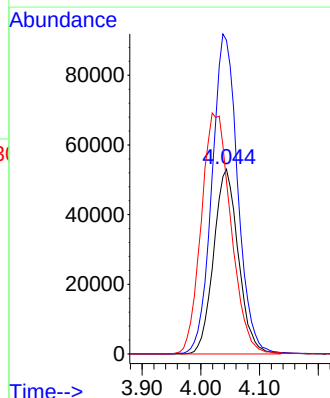
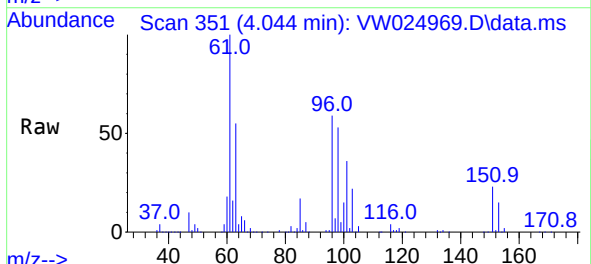
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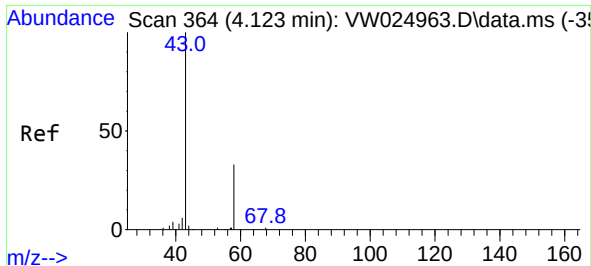
Tgt Ion:101 Resp: 163630
Ion Ratio Lower Upper
101 100
85 43.3 33.6 50.4
151 67.1 52.0 78.0



#12
1,1-Dichloroethene
Concen: 25.597 ug/L
RT: 4.044 min Scan# 351
Delta R.T. -0.000 min
Lab File: VW024969.D
Acq: 24 Oct 2022 16:43

Tgt Ion: 96 Resp: 155128
Ion Ratio Lower Upper
96 100
61 169.8 122.4 227.2
63 93.5 92.1 171.1

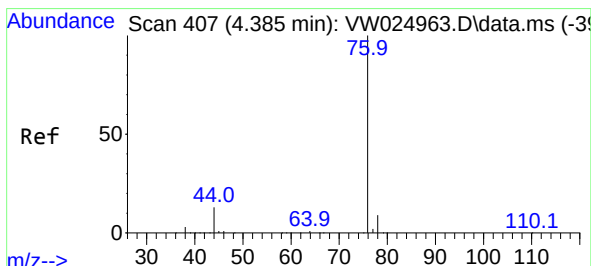
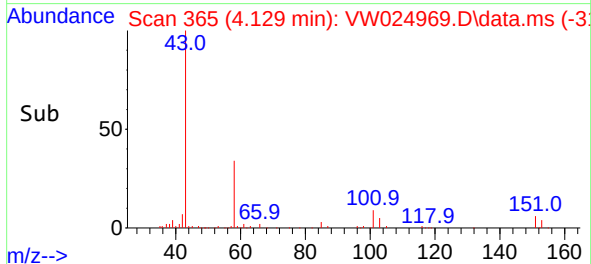
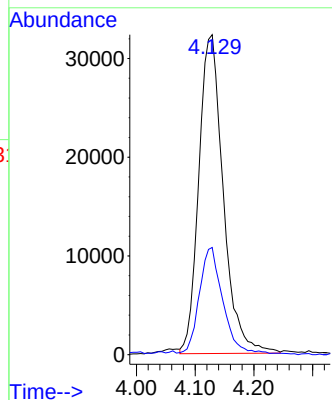
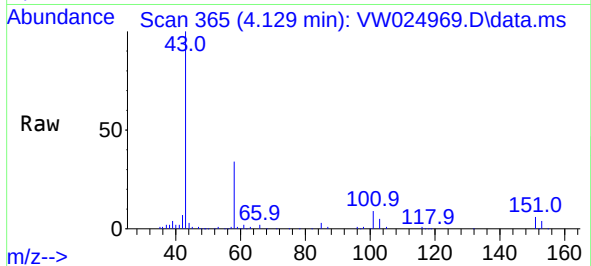




#13
Acetone
Concen: 79.839 ug/L
RT: 4.129 min Scan# 365
Delta R.T. 0.006 min
Lab File: VW024969.D
Acq: 24 Oct 2022 16:43

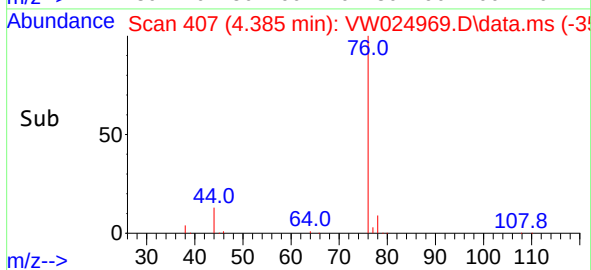
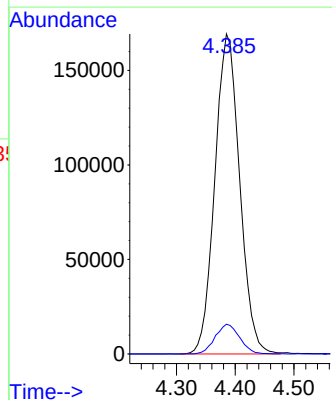
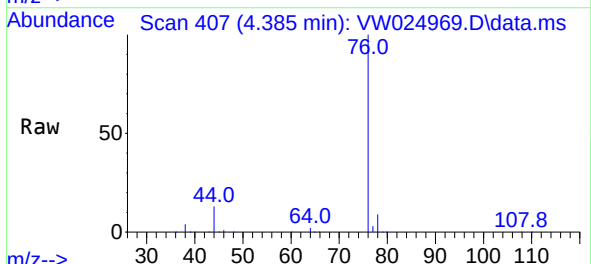
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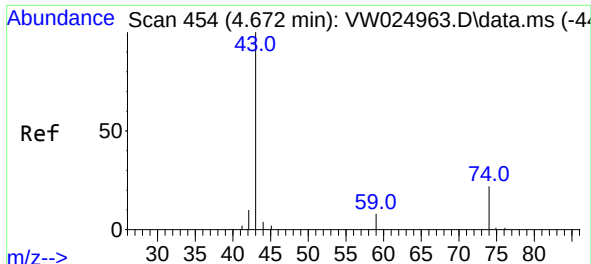
Tgt Ion: 43 Resp: 93420
Ion Ratio Lower Upper
43 100
58 32.3 0.0 64.2



#14
Carbon disulfide
Concen: 25.097 ug/L
RT: 4.385 min Scan# 407
Delta R.T. -0.000 min
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Tgt Ion: 76 Resp: 496802
Ion Ratio Lower Upper
76 100
78 9.3 7.3 10.9

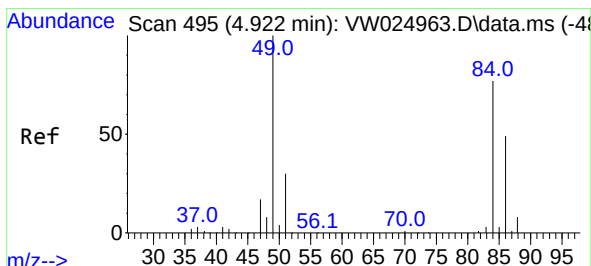
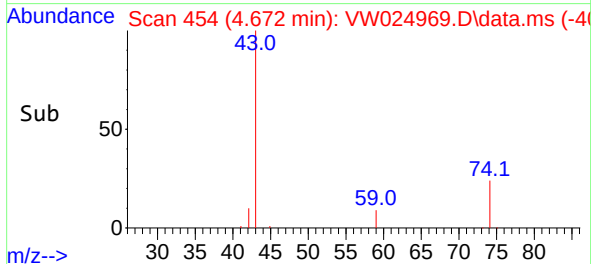
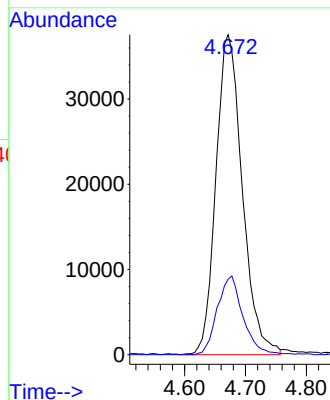
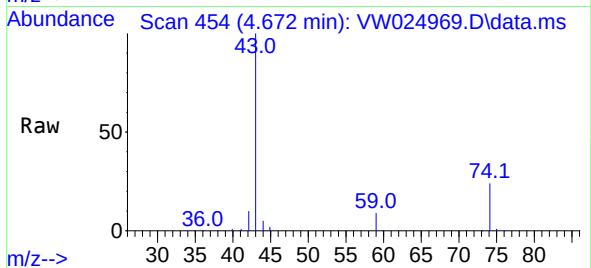




#15
Methyl Acetate
Concen: 39.649 ug/L
RT: 4.672 min Scan# 415
Delta R.T. -0.000 min
Lab File: VW024969.D
Acq: 24 Oct 2022 16:43

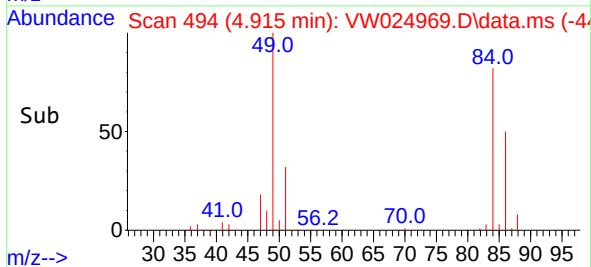
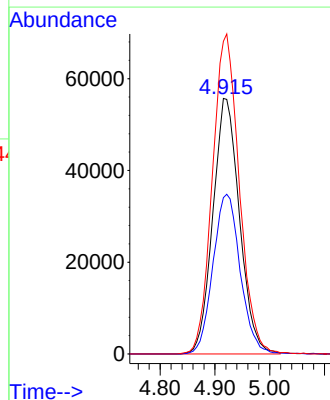
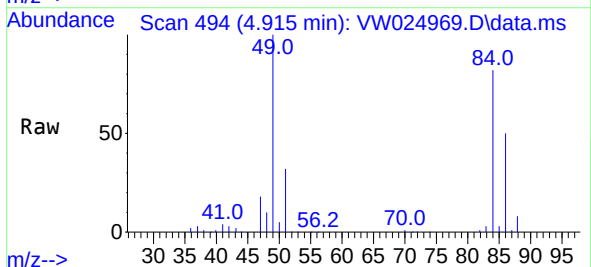
Instrument :
MSVOA_W
ClientSampleId :
GBLN3MSD

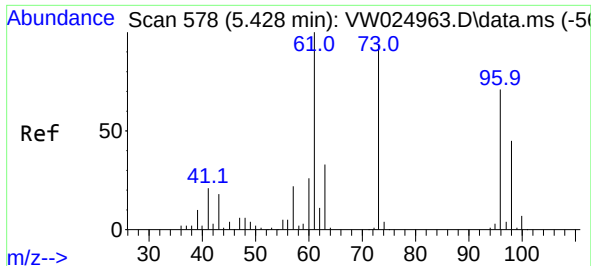
Tgt Ion: 43 Resp: 112907
Ion Ratio Lower Upper
43 100
74 23.8 19.0 28.6



#16
Methylene chloride
Concen: 23.776 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.006 min
Lab File: VW024969.D
Acq: 24 Oct 2022 16:43

Tgt Ion: 84 Resp: 187785
Ion Ratio Lower Upper
84 100
86 61.2 45.5 84.5
49 122.3 90.9 168.9

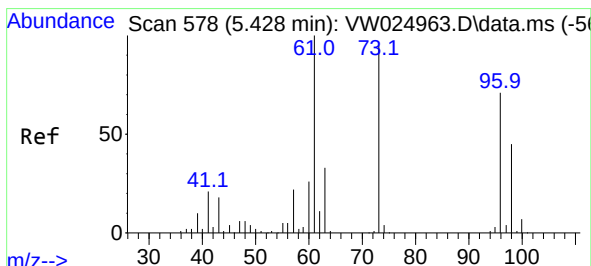
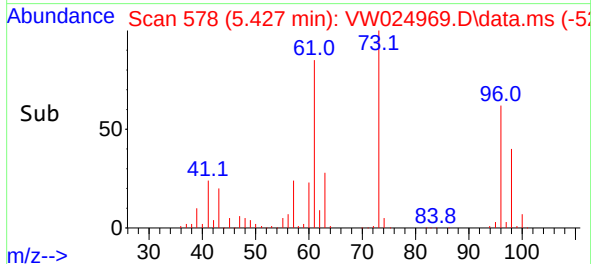
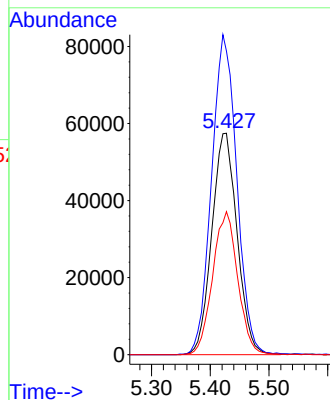
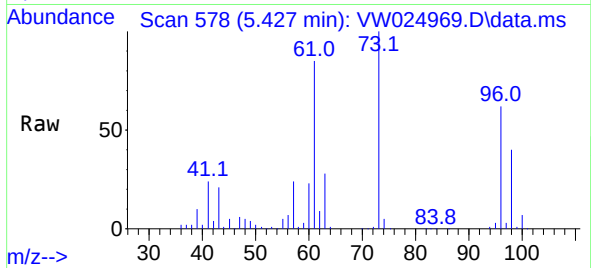




#17
trans-1,2-Dichloroethene
Concen: 26.102 ug/L
RT: 5.427 min Scan# 578
Delta R.T. -0.000 min
Lab File: VW024969.D
Acq: 24 Oct 2022 16:43

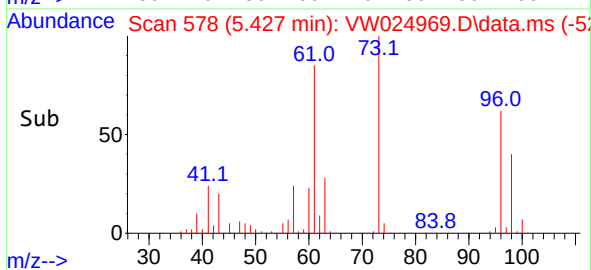
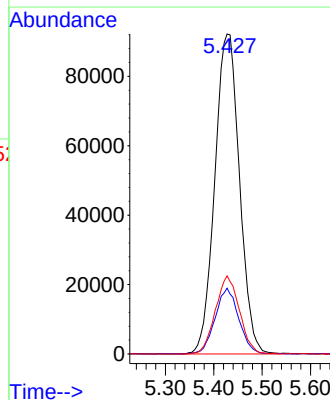
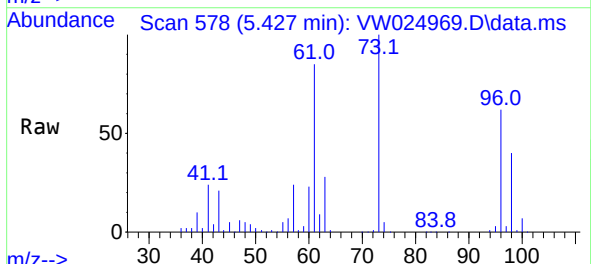
Instrument :
MSVOA_W
ClientSampleId :
GBLN3MSD

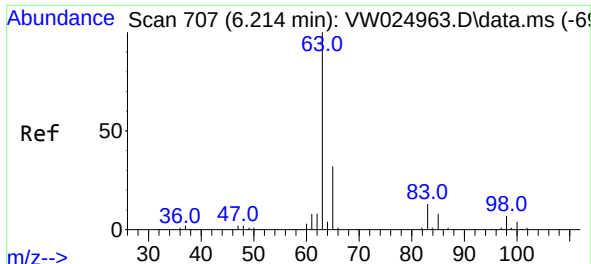
Tgt Ion: 96 Resp: 172191
Ion Ratio Lower Upper
96 100
61 137.2 102.2 189.8
98 64.6 44.6 82.8



#18
Methyl tert-butyl Ether
Concen: 33.345 ug/L
RT: 5.427 min Scan# 578
Delta R.T. -0.000 min
Lab File: VW024969.D
Acq: 24 Oct 2022 16:43

Tgt Ion: 73 Resp: 326876
Ion Ratio Lower Upper
73 100
43 19.6 15.8 23.6
57 23.7 18.2 27.4





#19

1,1-Dichloroethane

Concen: 26.244 ug/L

RT: 6.214 min Scan# 707

Delta R.T. -0.000 min

Lab File: VW024969.D

Acq: 24 Oct 2022 16:43

Instrument :

MSVOA_W

ClientSampleId :

GBLN3MSD

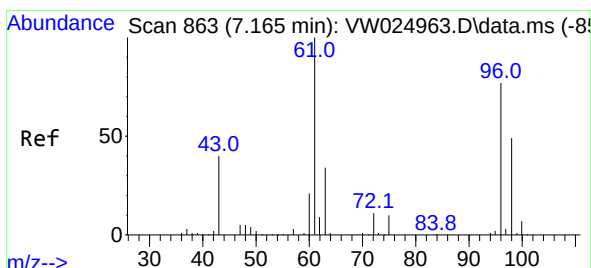
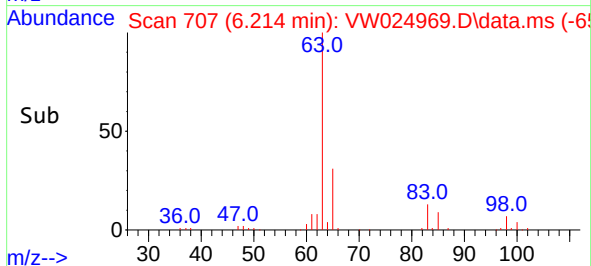
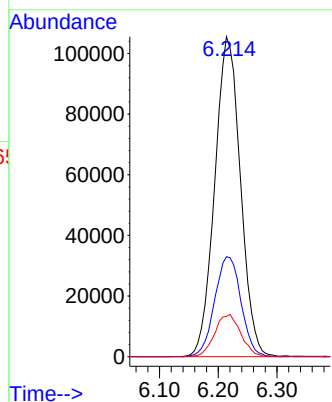
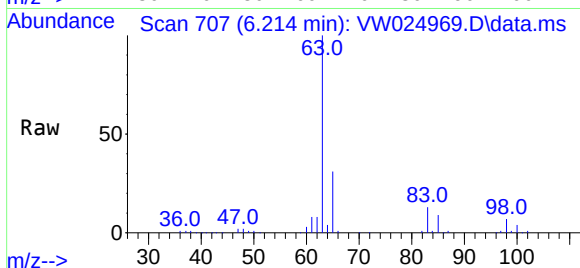
Tgt Ion: 63 Resp: 320299

Ion Ratio Lower Upper

63 100

65 31.2 22.4 41.6

83 12.5 9.6 17.8



#20

cis-1,2-Dichloroethene

Concen: 35.829 ug/L

RT: 7.171 min Scan# 864

Delta R.T. 0.006 min

Lab File: VW024969.D

Acq: 24 Oct 2022 16:43

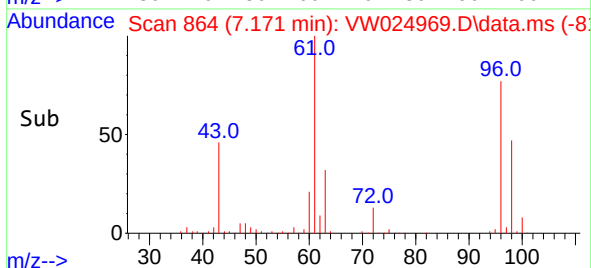
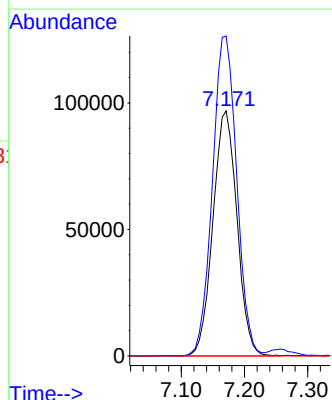
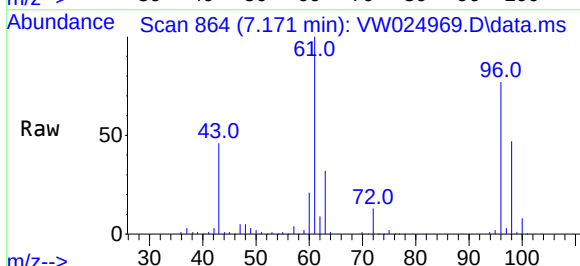
Tgt Ion: 96 Resp: 255441

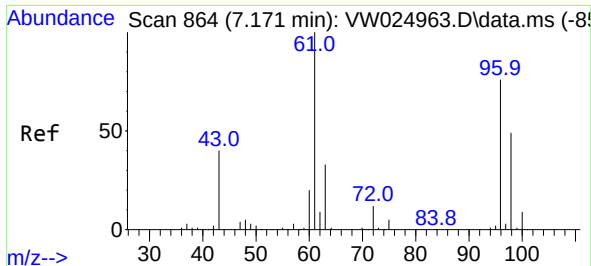
Ion Ratio Lower Upper

96 100

61 130.6 90.9 168.7

68 0.0 0.0 0.0

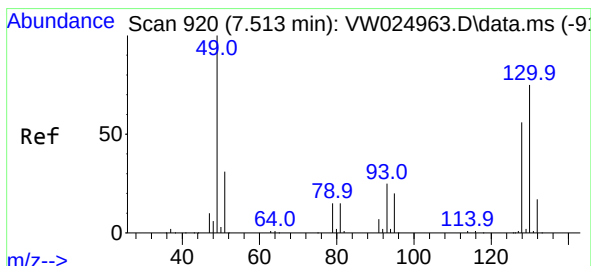
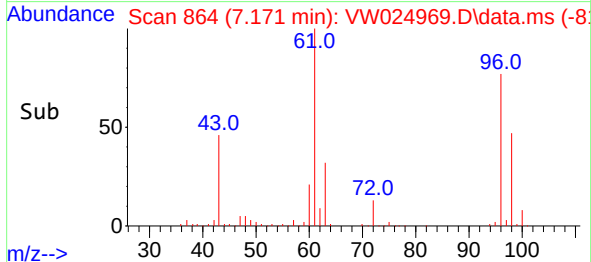
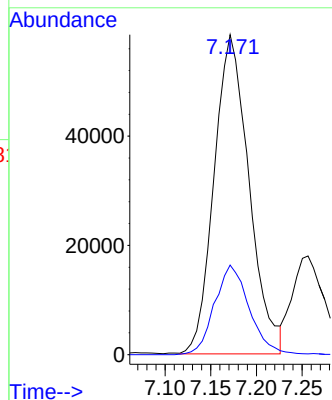
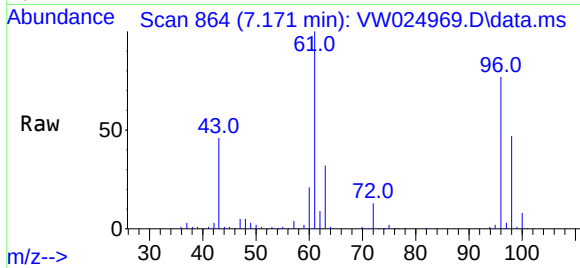




#22
2-Butanone
Concen: 79.710 ug/L
RT: 7.171 min Scan# 864
Delta R.T. -0.000 min
Lab File: VW024969.D
Acq: 24 Oct 2022 16:43

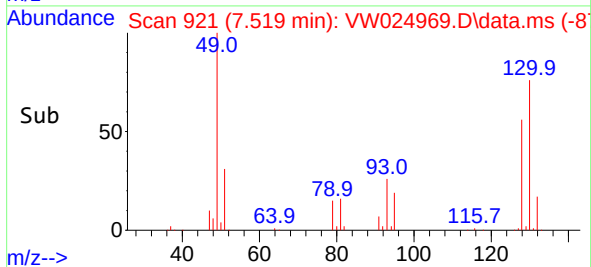
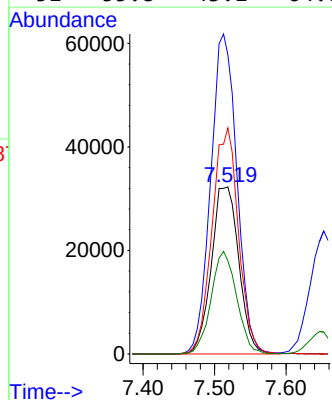
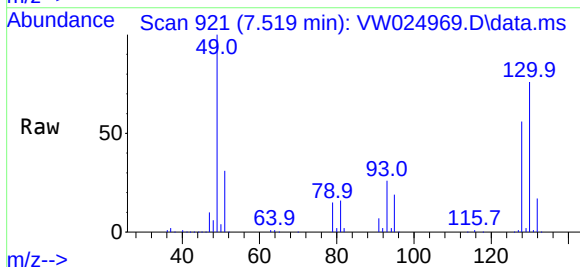
Instrument :
MSVOA_W
ClientSampleId :
GBLN3MSD

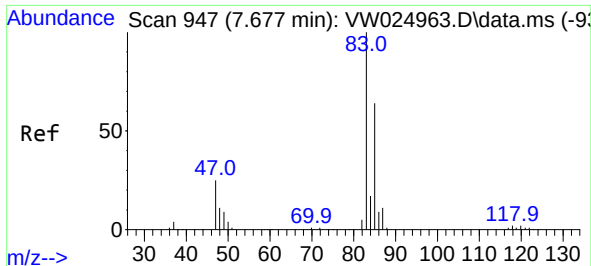
Tgt Ion: 43 Resp: 155594
Ion Ratio Lower Upper
43 100
72 27.9 14.1 42.3



#23
Bromochloromethane
Concen: 29.547 ug/L
RT: 7.519 min Scan# 921
Delta R.T. 0.006 min
Lab File: VW024969.D
Acq: 24 Oct 2022 16:43

Tgt Ion: 128 Resp: 86163
Ion Ratio Lower Upper
128 100
49 179.1 122.7 227.9
130 135.3 86.0 159.8
51 55.8 43.1 64.7





#25

Chloroform

Concen: 26.279 ug/L

RT: 7.677 min Scan# 94

Delta R.T. -0.000 min

Lab File: VW024969.D

Acq: 24 Oct 2022 16:43

Instrument :

MSVOA_W

ClientSampleId :

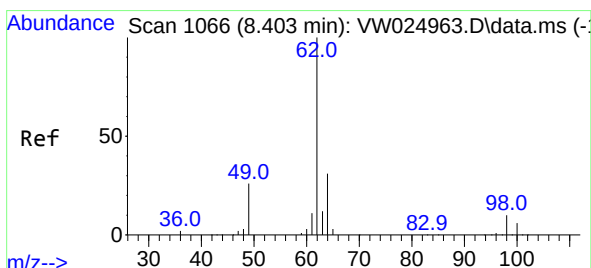
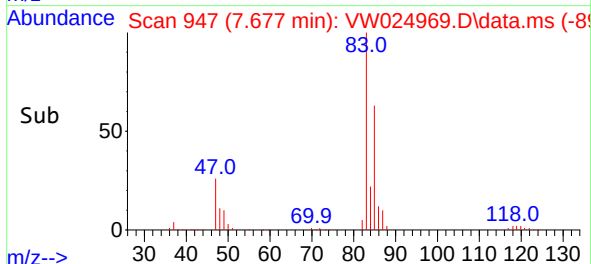
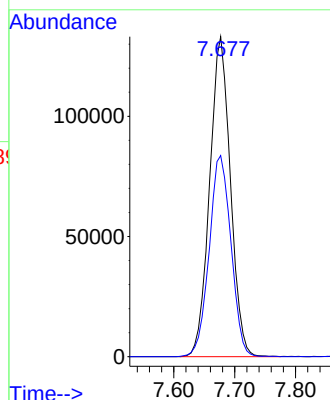
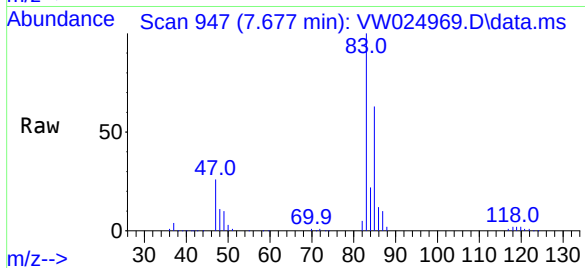
GBLN3MSD

Tgt Ion: 83 Resp: 314810

Ion Ratio Lower Upper

83 100

85 62.8 45.3 84.1



#27

1,2-Dichloroethane

Concen: 29.548 ug/L

RT: 8.396 min Scan# 1065

Delta R.T. -0.006 min

Lab File: VW024969.D

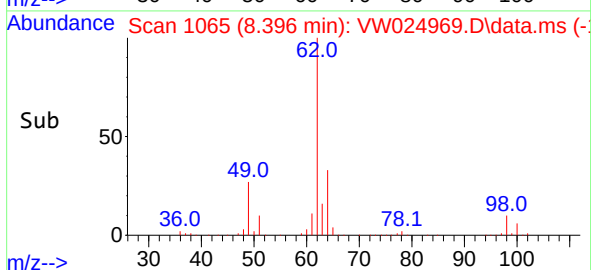
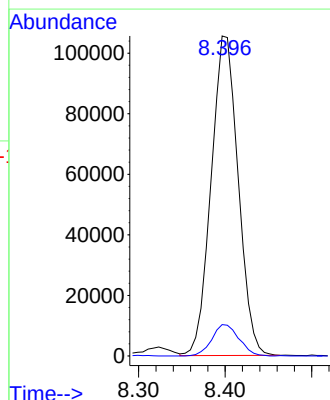
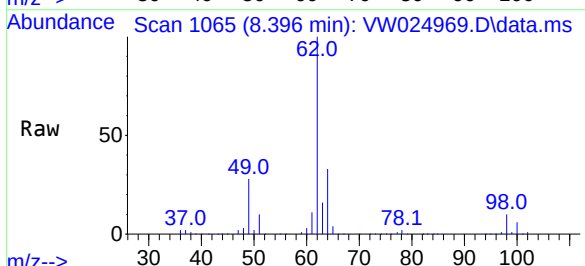
Acq: 24 Oct 2022 16:43

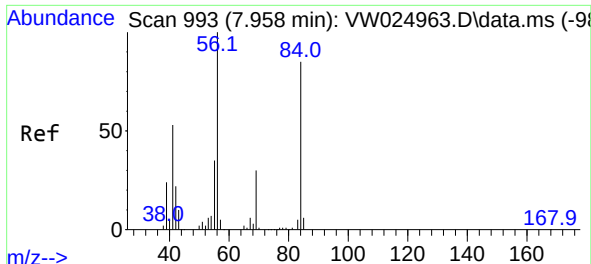
Tgt Ion: 62 Resp: 228890

Ion Ratio Lower Upper

62 100

98 9.8 7.8 11.6

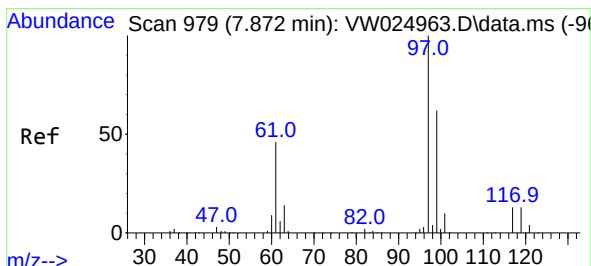
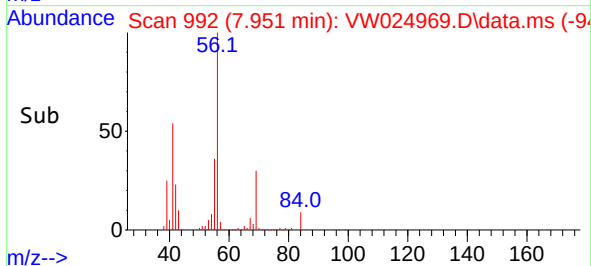
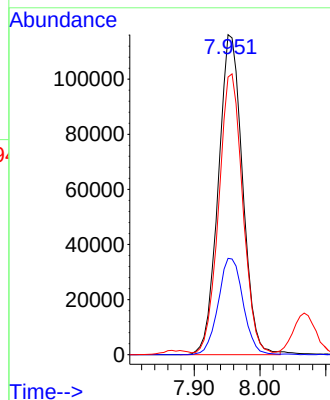
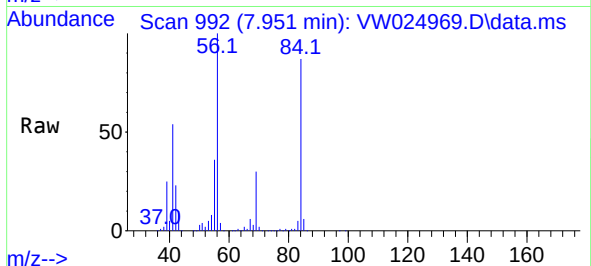




#29
Cyclohexane
Concen: 25.093 ug/L
RT: 7.951 min Scan# 991
Delta R.T. -0.006 min
Lab File: VW024969.D
Acq: 24 Oct 2022 16:43

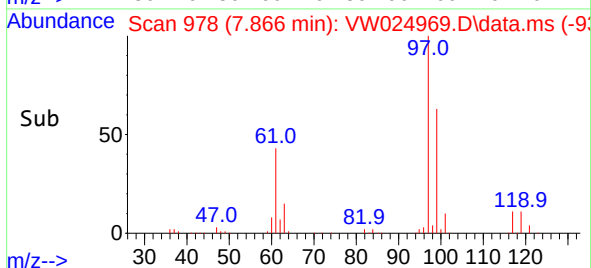
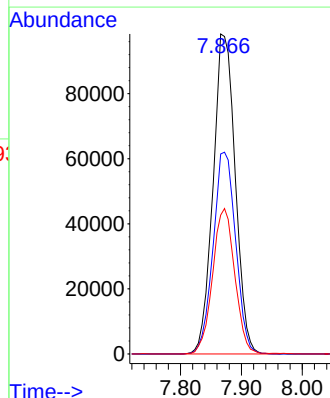
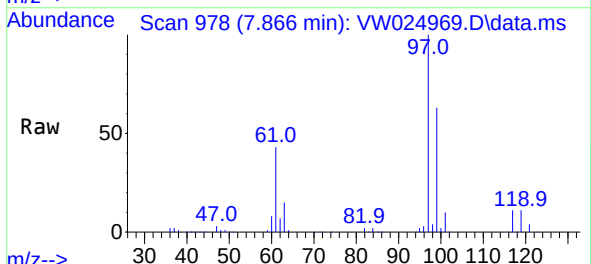
Instrument :
MSVOA_W
ClientSampleId :
GBLN3MSD

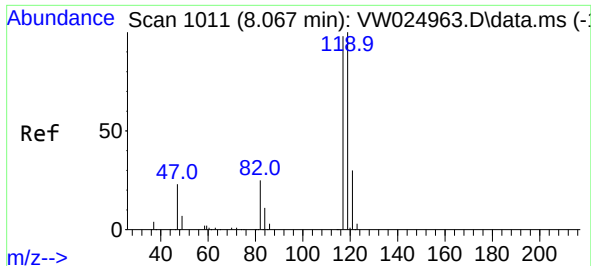
Tgt Ion: 56 Resp: 298672
Ion Ratio Lower Upper
56 100
69 30.8 24.2 36.2
84 86.8 67.7 101.5



#30
1,1,1-Trichloroethane
Concen: 26.355 ug/L
RT: 7.866 min Scan# 978
Delta R.T. -0.006 min
Lab File: VW024969.D
Acq: 24 Oct 2022 16:43

Tgt Ion: 97 Resp: 248407
Ion Ratio Lower Upper
97 100
99 64.1 51.2 76.8
61 45.4 37.3 55.9

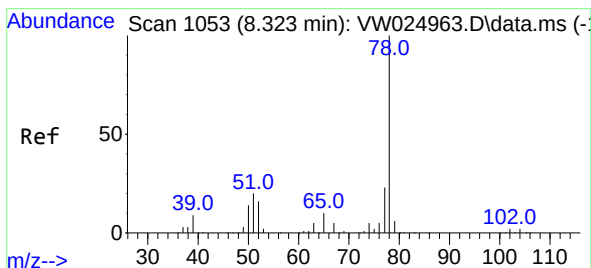
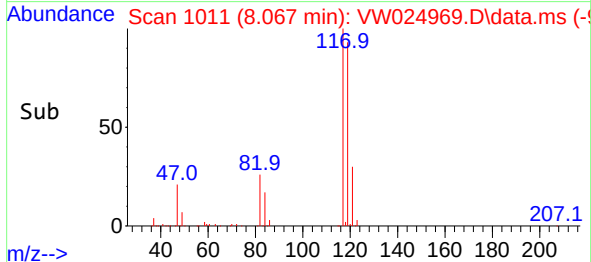
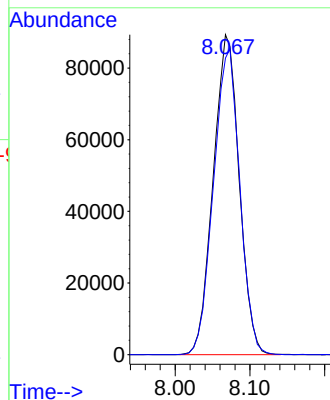
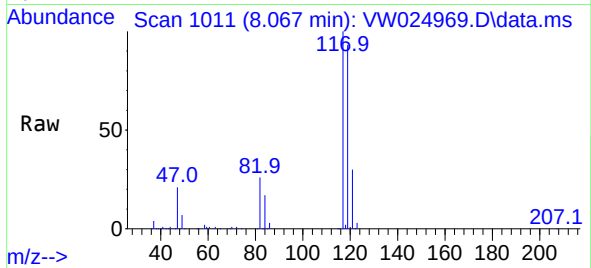




#31
Carbon tetrachloride
Concen: 26.108 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. -0.000 min
Lab File: VW024969.D
Acq: 24 Oct 2022 16:43

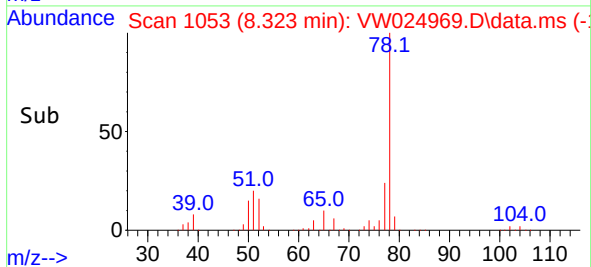
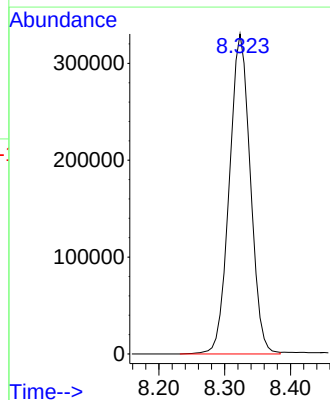
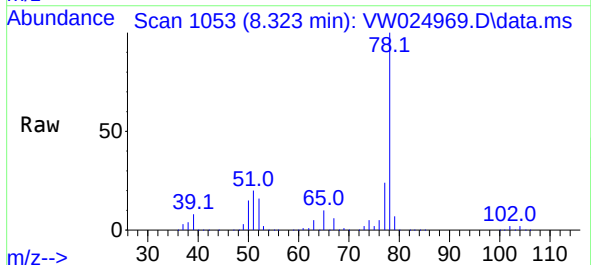
Instrument :
MSVOA_W
ClientSampleId :
GBLN3MSD

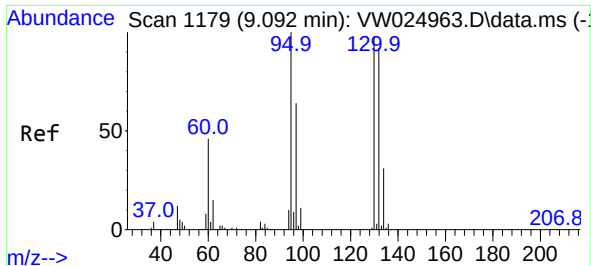
Tgt Ion:117 Resp: 216063
Ion Ratio Lower Upper
117 100
119 96.7 75.1 112.7



#33
Benzene
Concen: 26.278 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW024969.D
Acq: 24 Oct 2022 16:43

Tgt Ion: 78 Resp: 732723

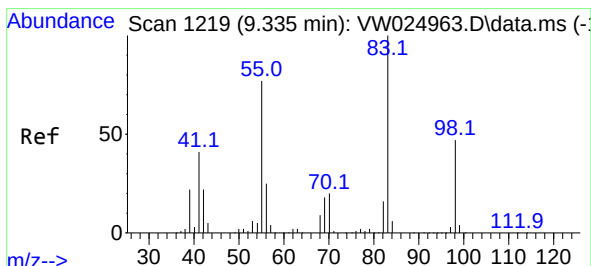
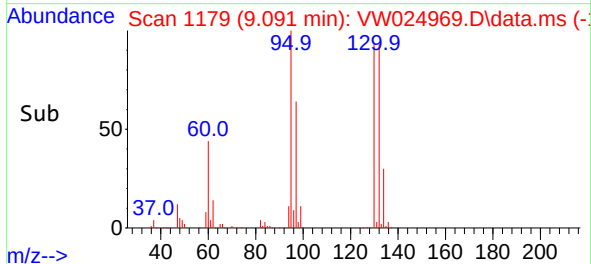
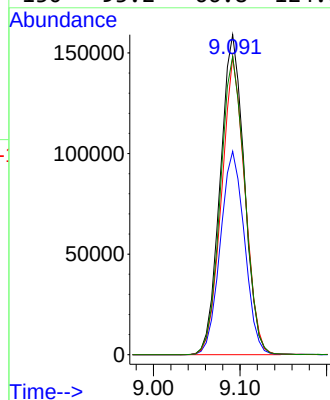
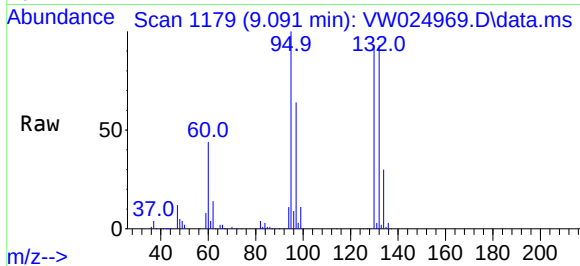




#34
Trichloroethene
Concen: 43.701 ug/L
RT: 9.091 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW024969.D
Acq: 24 Oct 2022 16:43

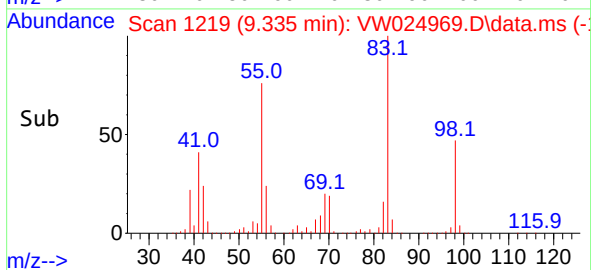
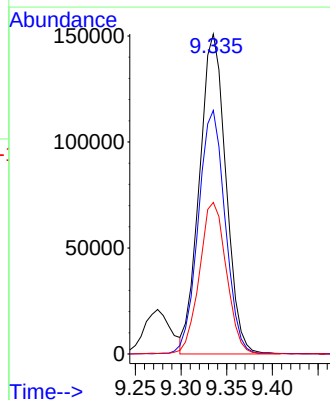
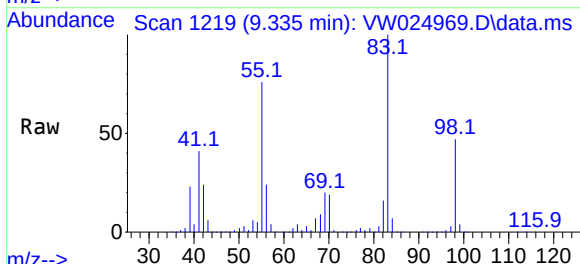
Instrument :
MSVOA_W
ClientSampleId :
GBLN3MSD

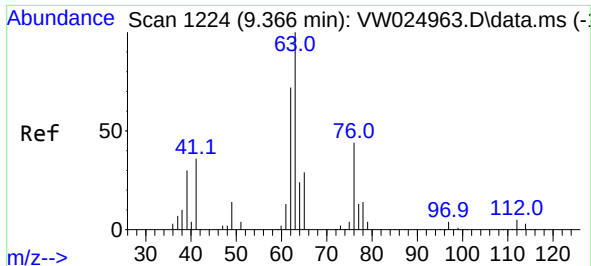
Tgt Ion: 95 Resp: 306864
Ion Ratio Lower Upper
95 100
97 63.6 44.2 82.0
132 93.1 62.9 116.7
130 93.2 66.8 124.0



#35
Methylcyclohexane
Concen: 24.064 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VW024969.D
Acq: 24 Oct 2022 16:43

Tgt Ion: 83 Resp: 304114
Ion Ratio Lower Upper
83 100
55 77.0 62.5 93.7
98 48.2 37.2 55.8





#37

1,2-Dichloropropane

Concen: 27.188 ug/L

RT: 9.366 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW024969.D

Acq: 24 Oct 2022 16:43

Instrument :

MSVOA_W

ClientSampleId :

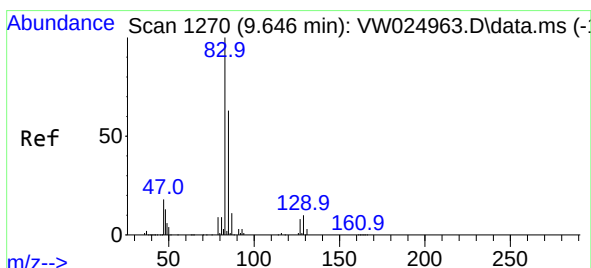
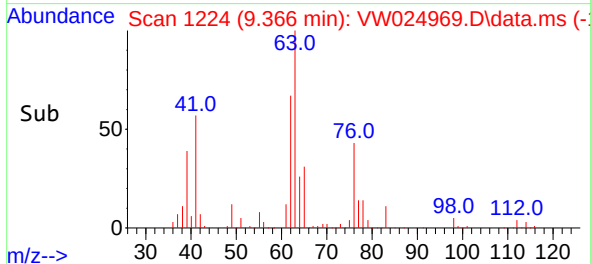
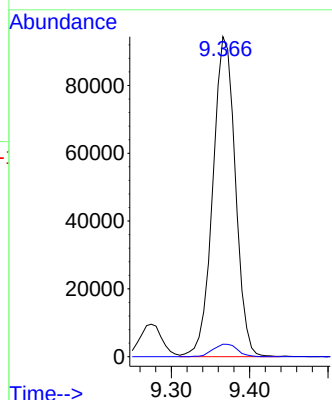
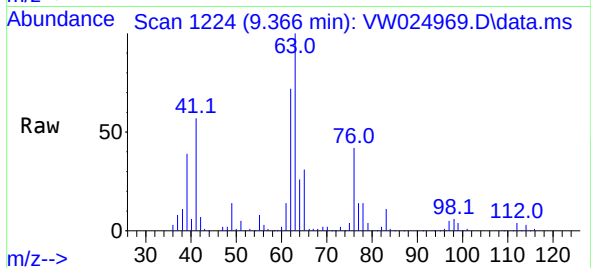
GBLN3MSD

Tgt Ion: 63 Resp: 188926

Ion Ratio Lower Upper

63 100

112 4.2 3.4 5.2



#38

Bromodichloromethane

Concen: 28.100 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. -0.000 min

Lab File: VW024969.D

Acq: 24 Oct 2022 16:43

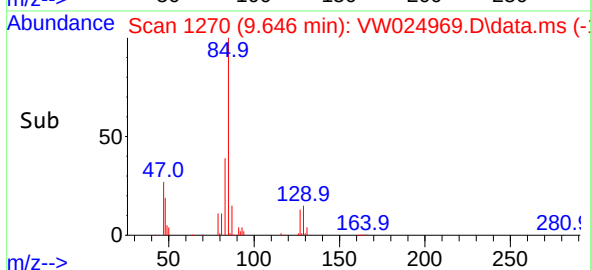
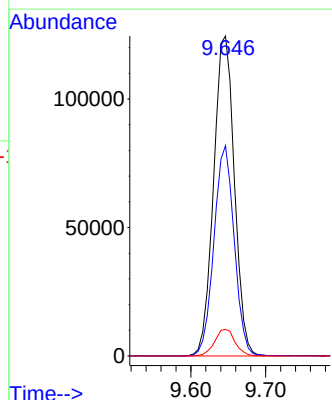
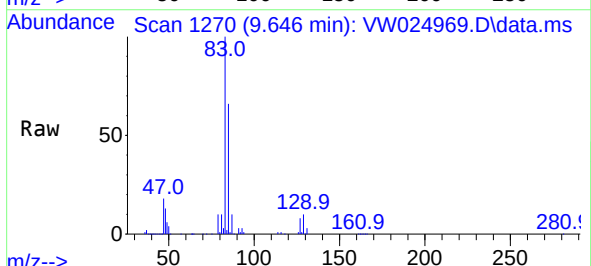
Tgt Ion: 83 Resp: 241264

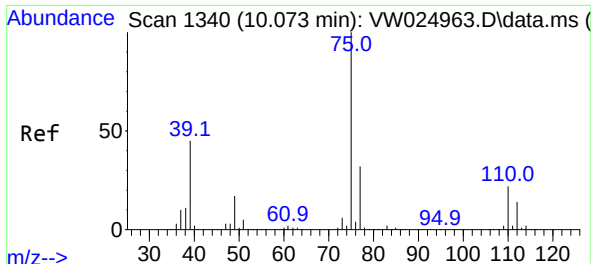
Ion Ratio Lower Upper

83 100

85 65.7 43.6 81.0

127 8.3 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 29.496 ug/L

RT: 10.073 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW024969.D

Acq: 24 Oct 2022 16:43

Instrument :

MSVOA_W

ClientSampleId :

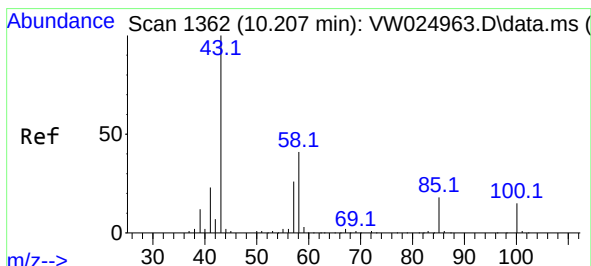
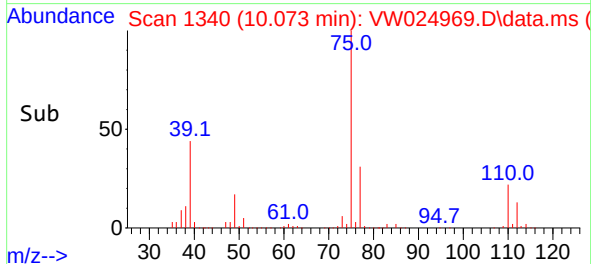
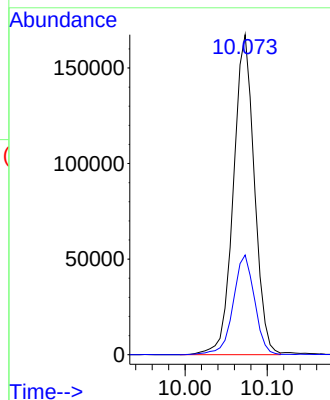
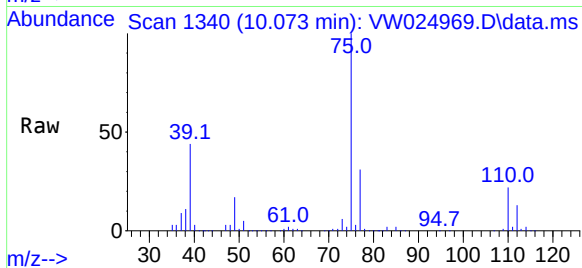
GBLN3MSD

Tgt Ion: 75 Resp: 296260

Ion Ratio Lower Upper

75 100

77 31.2 21.9 40.7



#40

4-Methyl-2-pentanone

Concen: 84.367 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VW024969.D

Acq: 24 Oct 2022 16:43

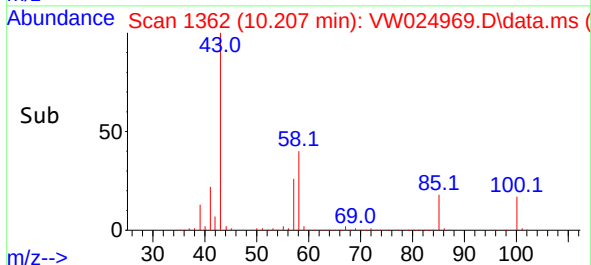
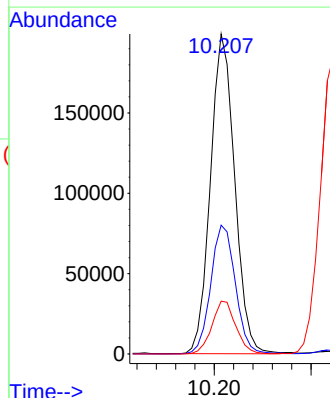
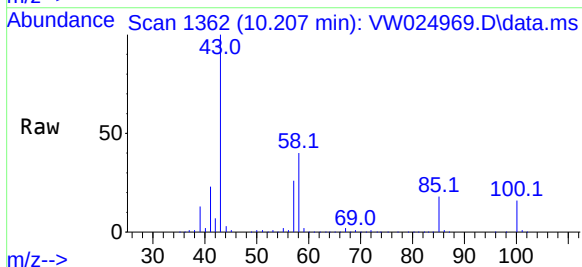
Tgt Ion: 43 Resp: 346506

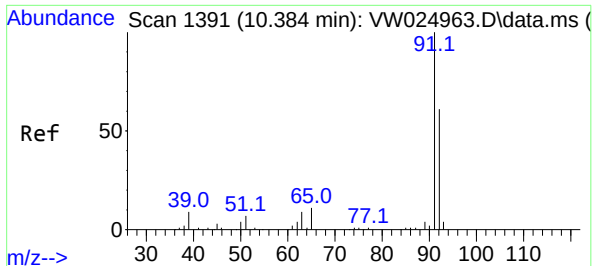
Ion Ratio Lower Upper

43 100

58 41.0 32.1 48.1

100 16.3 12.8 19.2

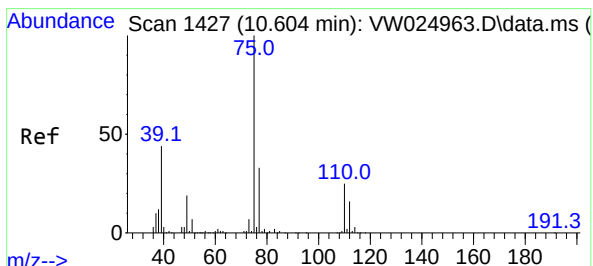
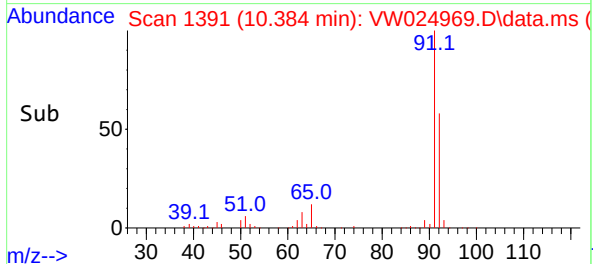
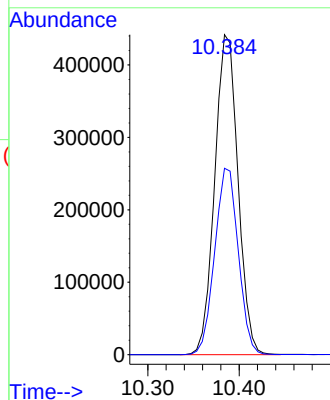
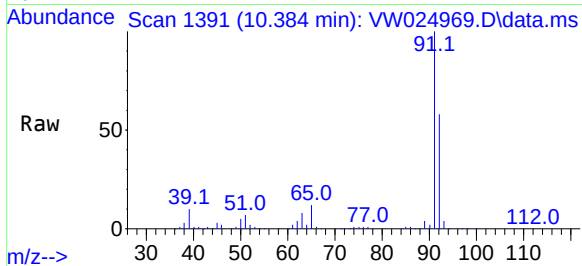




#42
Toluene
Concen: 27.391 ug/L
RT: 10.384 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW024969.D
Acq: 24 Oct 2022 16:43

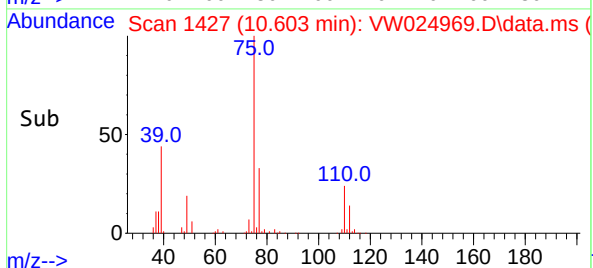
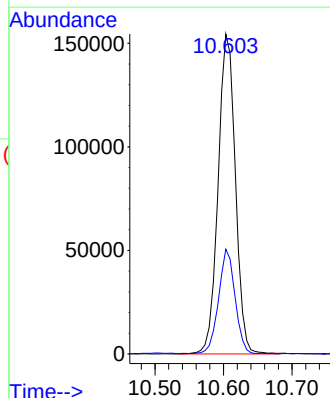
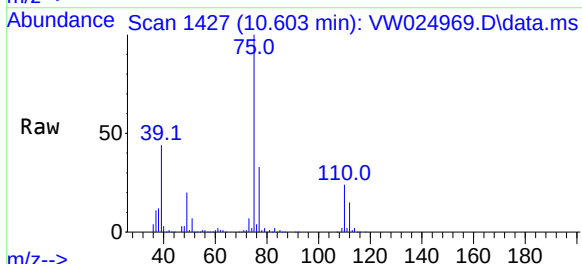
Instrument :
MSVOA_W
ClientSampleId :
GBLN3MSD

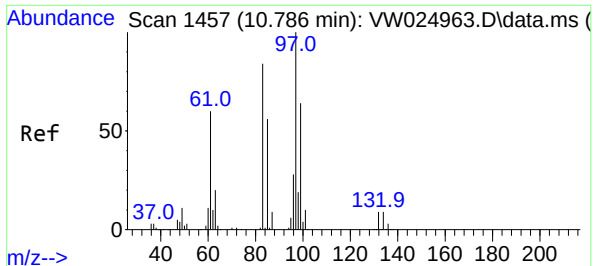
Tgt Ion: 91 Resp: 783060
Ion Ratio Lower Upper
91 100
92 58.2 41.5 77.1



#44
trans-1,3-Dichloropropene
Concen: 32.350 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VW024969.D
Acq: 24 Oct 2022 16:43

Tgt Ion: 75 Resp: 269771
Ion Ratio Lower Upper
75 100
77 32.8 23.0 42.6





#45

1,1,2-Trichloroethane

Concen: 32.437 ug/L

RT: 10.786 min Scan# 1457

Delta R.T. -0.000 min

Lab File: VW024969.D

Acq: 24 Oct 2022 16:43

Instrument :

MSVOA_W

ClientSampleId :

GBLN3MSD

Tgt Ion: 97 Resp: 157439

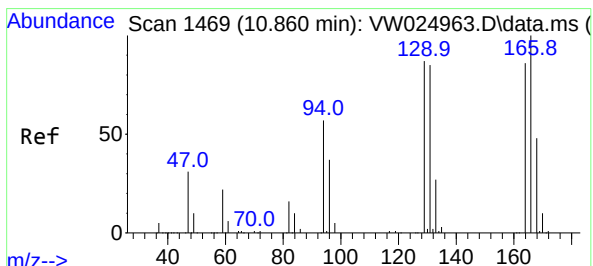
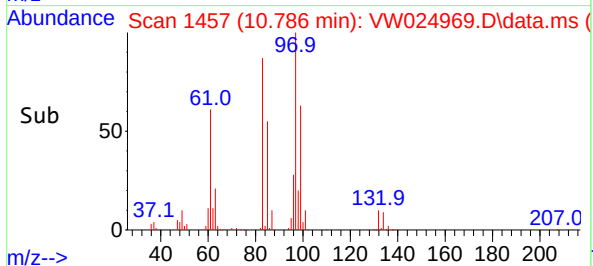
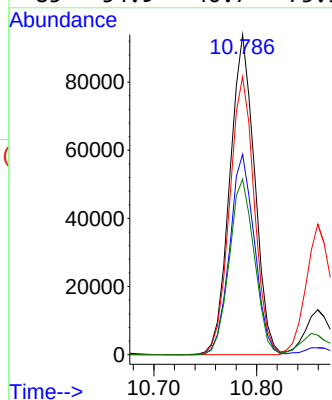
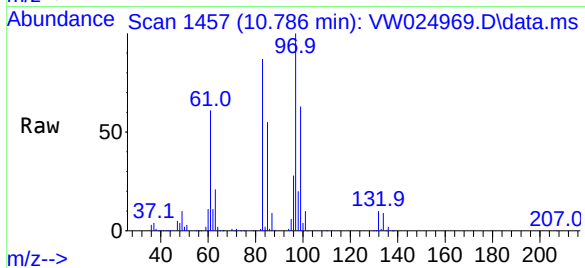
Ion Ratio Lower Upper

97 100

99 62.6 44.7 83.1

83 86.9 59.6 110.8

85 54.9 40.7 75.5



#46

Tetrachloroethene

Concen: 440.889 ug/L

RT: 10.859 min Scan# 1469

Delta R.T. -0.000 min

Lab File: VW024969.D

Acq: 24 Oct 2022 16:43

Tgt Ion:164 Resp: 2105059

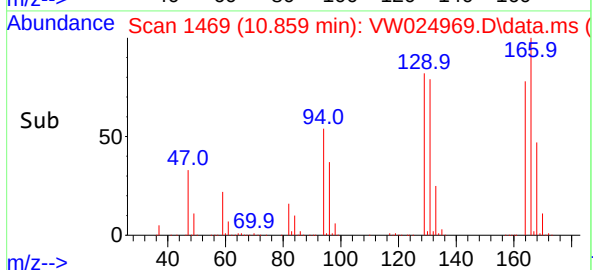
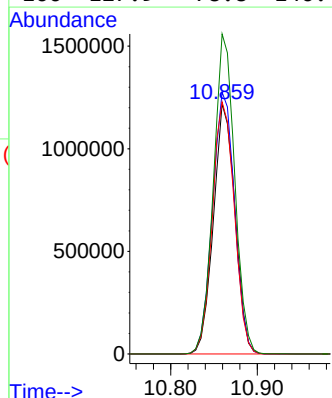
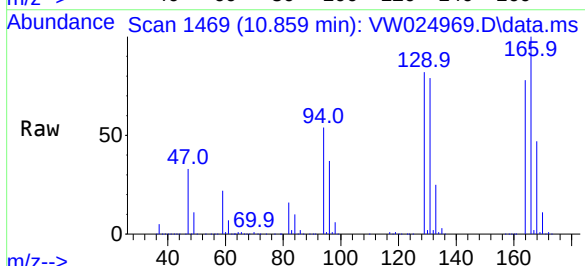
Ion Ratio Lower Upper

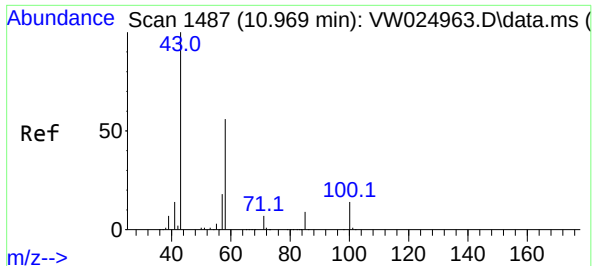
164 100

129 104.6 78.7 146.1

131 100.7 71.1 132.1

166 127.9 78.8 146.4





#48

2-Hexanone

Concen: 87.473 ug/L

RT: 10.969 min Scan# 1487

Delta R.T. -0.000 min

Lab File: VW024969.D

Acq: 24 Oct 2022 16:43

Instrument :

MSVOA_W

ClientSampleId :

GBLN3MSD

Tgt Ion: 43 Resp: 243585

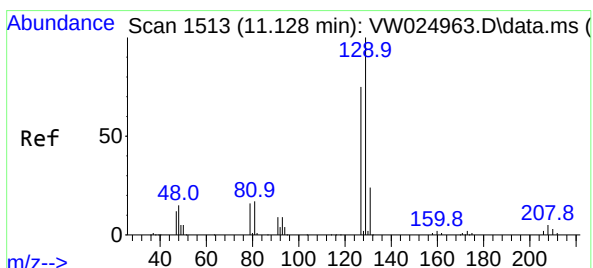
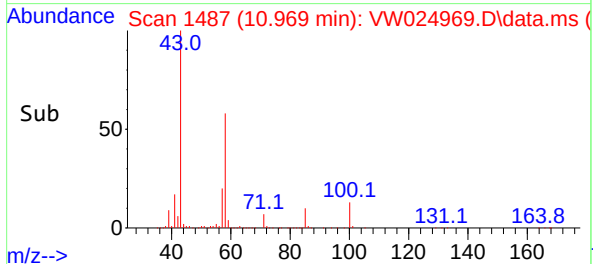
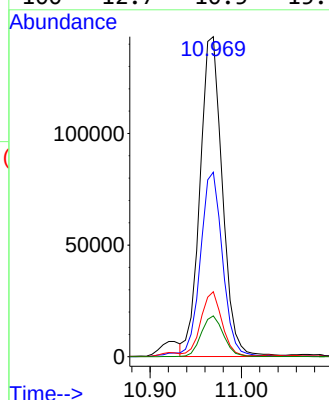
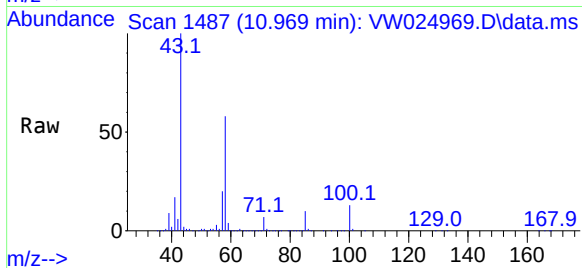
Ion Ratio Lower Upper

43 100

58 56.9 47.0 70.6

57 19.4 16.0 24.0

100 12.7 10.5 15.7



#49

Dibromochloromethane

Concen: 31.036 ug/L

RT: 11.128 min Scan# 1513

Delta R.T. -0.000 min

Lab File: VW024969.D

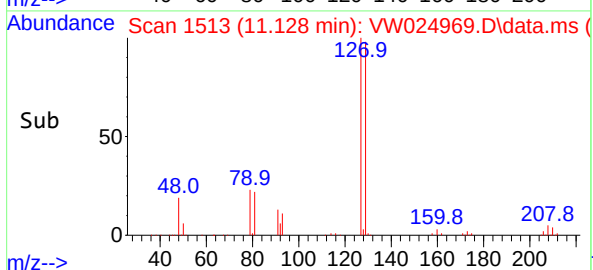
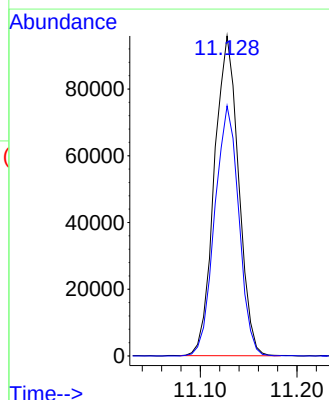
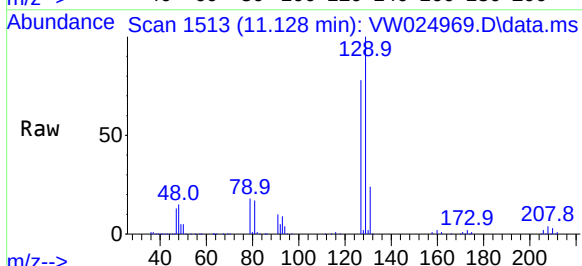
Acq: 24 Oct 2022 16:43

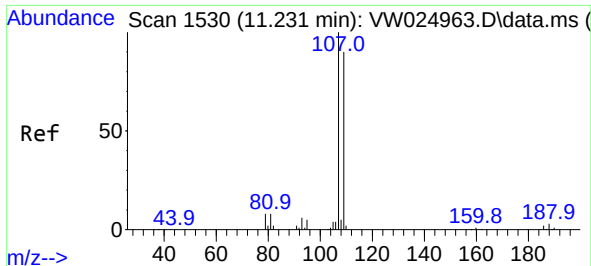
Tgt Ion:129 Resp: 166759

Ion Ratio Lower Upper

129 100

127 78.1 53.9 100.1





#50

1,2-Dibromoethane

Concen: 32.784 ug/L

RT: 11.237 min Scan# 11

Delta R.T. 0.006 min

Lab File: VW024969.D

Acq: 24 Oct 2022 16:43

Instrument :

MSVOA_W

ClientSampleId :

GBLN3MSD

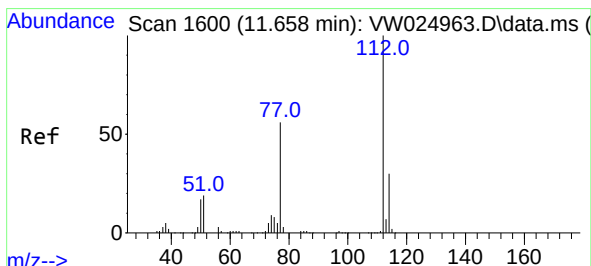
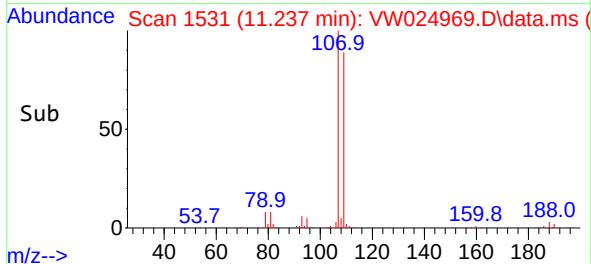
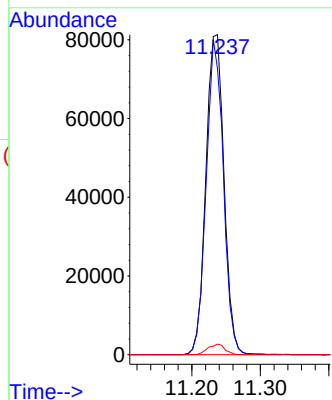
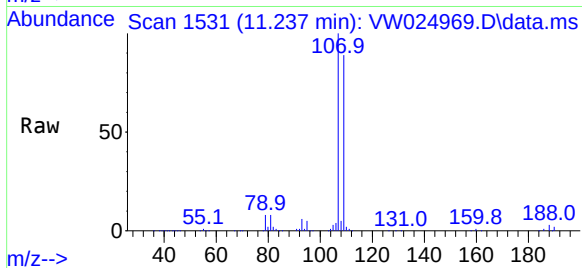
Tgt Ion:107 Resp: 149902

Ion Ratio Lower Upper

107 100

109 89.4 62.8 116.6

188 3.3 2.2 3.2#



#51

Chlorobenzene

Concen: 26.347 ug/L

RT: 11.658 min Scan# 1600

Delta R.T. -0.000 min

Lab File: VW024969.D

Acq: 24 Oct 2022 16:43

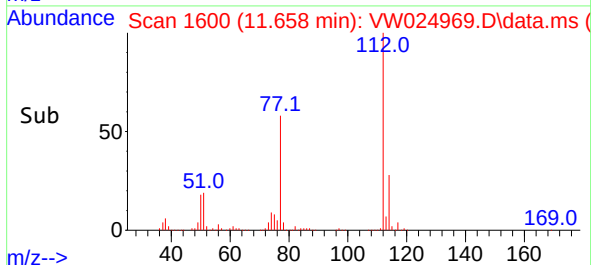
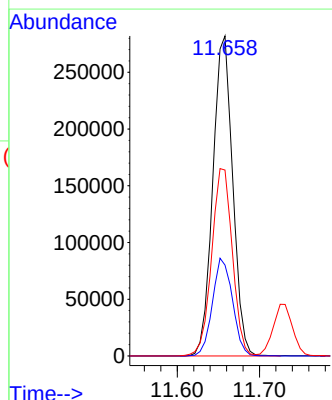
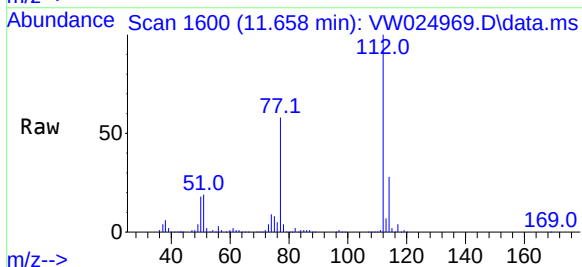
Tgt Ion:112 Resp: 473402

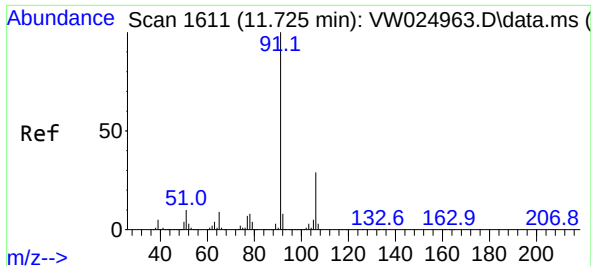
Ion Ratio Lower Upper

112 100

114 28.4 22.7 42.3

77 58.1 49.8 74.8

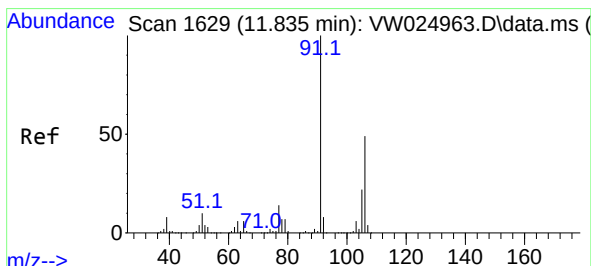
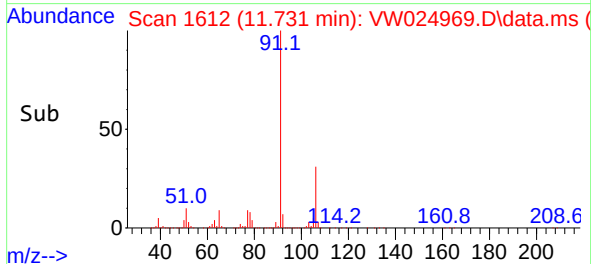
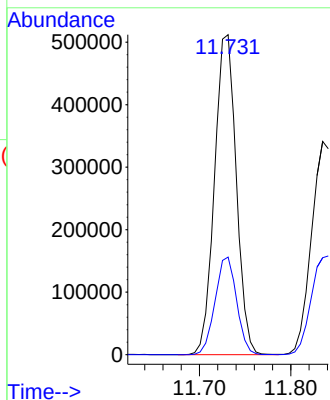
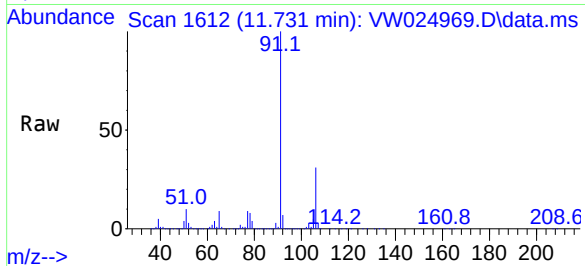




#52
Ethylbenzene
Concen: 26.472 ug/L
RT: 11.731 min Scan# 1611
Delta R.T. 0.006 min
Lab File: VW024969.D
Acq: 24 Oct 2022 16:43

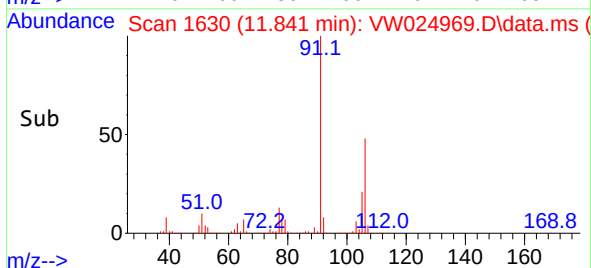
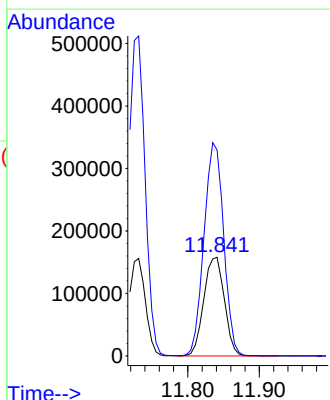
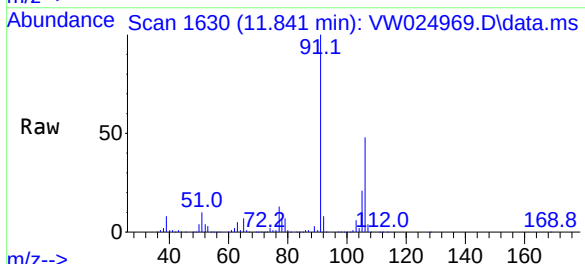
Instrument :
MSVOA_W
ClientSampleId :
GBLN3MSD

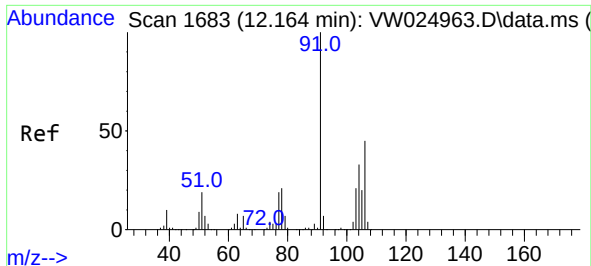
Tgt Ion: 91 Resp: 847430
Ion Ratio Lower Upper
91 100
106 30.5 20.1 37.3



#53
m,p-Xylene
Concen: 25.901 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. 0.006 min
Lab File: VW024969.D
Acq: 24 Oct 2022 16:43

Tgt Ion: 106 Resp: 315020
Ion Ratio Lower Upper
106 100
91 208.7 147.4 273.8

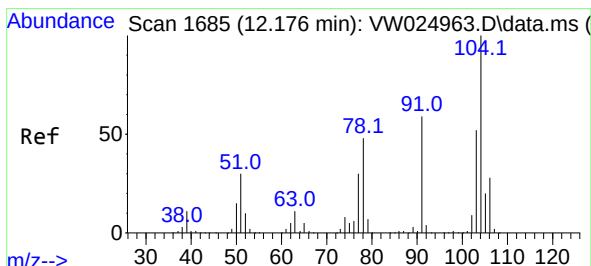
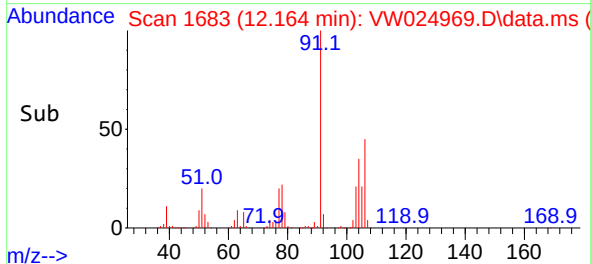
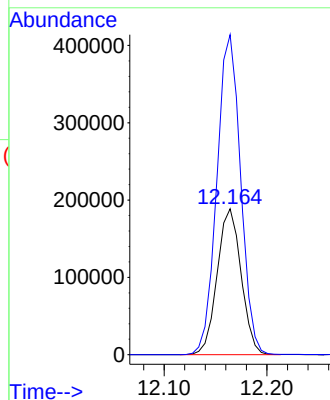
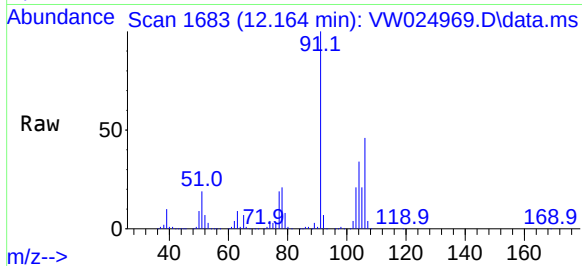




#54
o-Xylene
Concen: 26.322 ug/L
RT: 12.164 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW024969.D
Acq: 24 Oct 2022 16:43

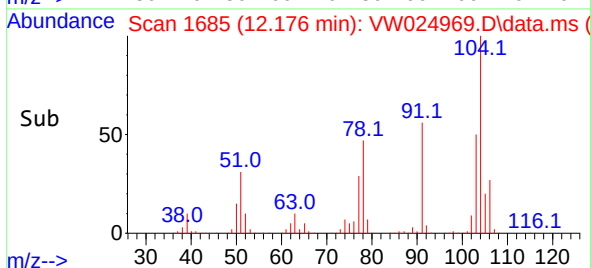
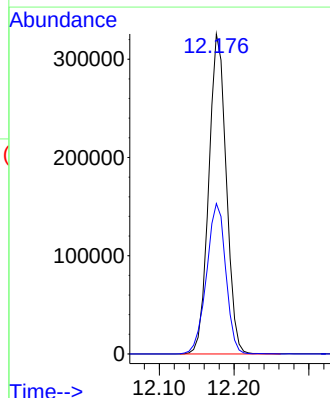
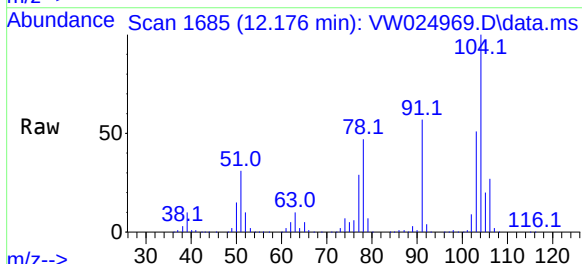
Instrument :
MSVOA_W
ClientSampleId :
GBLN3MSD

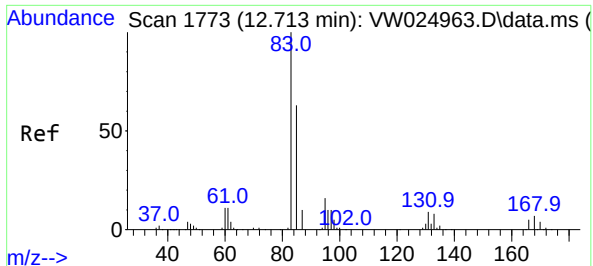
Tgt Ion:106 Resp: 304819
Ion Ratio Lower Upper
106 100
91 219.2 151.0 280.4



#55
Styrene
Concen: 26.634 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VW024969.D
Acq: 24 Oct 2022 16:43

Tgt Ion:104 Resp: 529019
Ion Ratio Lower Upper
104 100
78 47.0 32.6 60.5

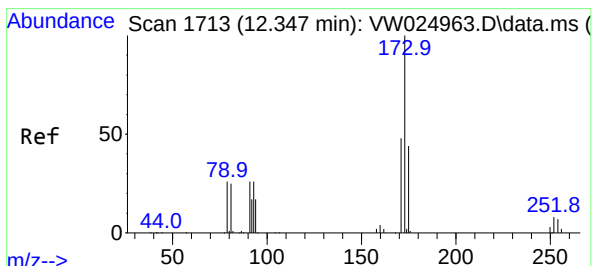
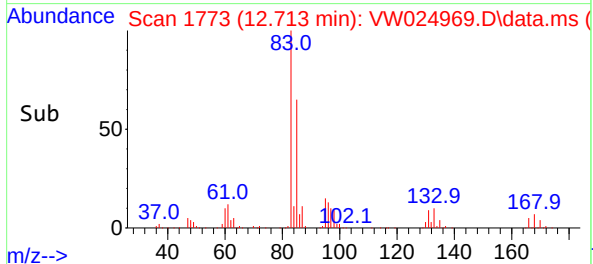
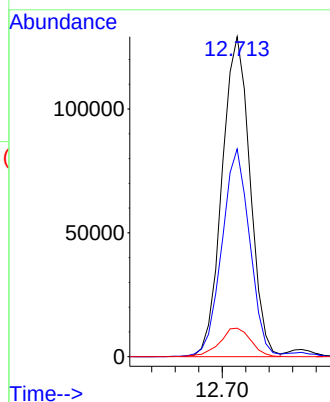
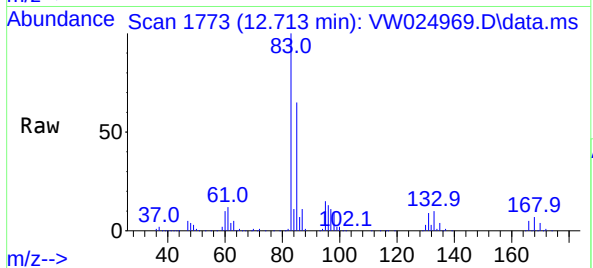




#57
1,1,2,2-Tetrachloroethane
Concen: 36.131 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VW024969.D
Acq: 24 Oct 2022 16:43

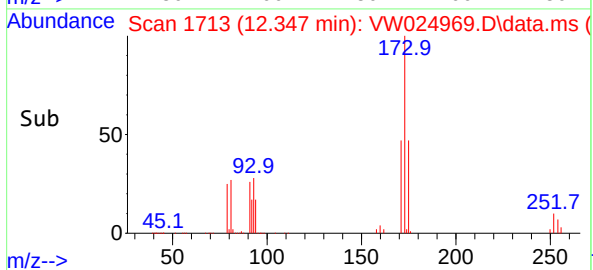
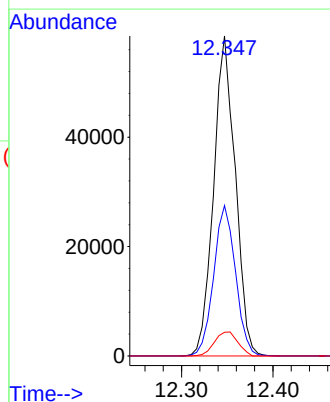
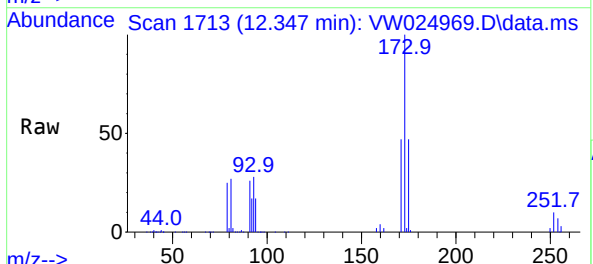
Instrument :
MSVOA_W
ClientSampleId :
GBLN3MSD

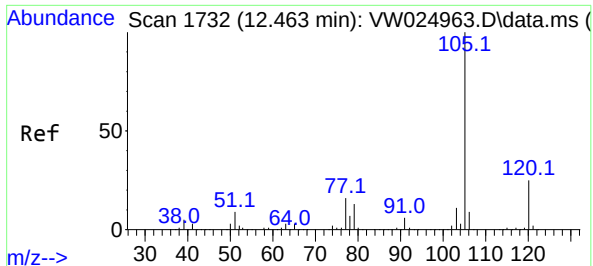
Tgt Ion: 83 Resp: 213959
Ion Ratio Lower Upper
83 100
85 64.9 44.5 82.7
131 8.9 6.8 10.2



#59
Bromoform
Concen: 36.991 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. -0.000 min
Lab File: VW024969.D
Acq: 24 Oct 2022 16:43

Tgt Ion:173 Resp: 96059
Ion Ratio Lower Upper
173 100
175 47.5 38.6 58.0
254 8.2 4.8 7.2#

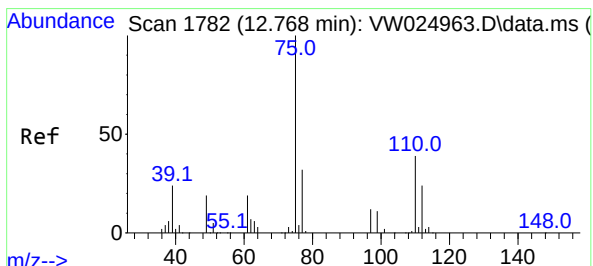
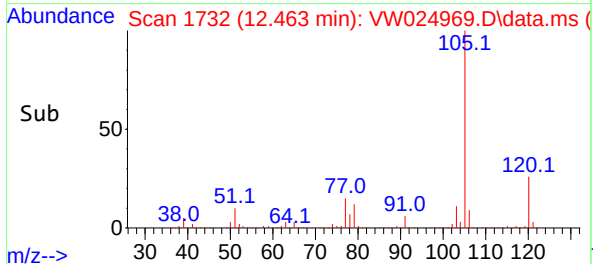
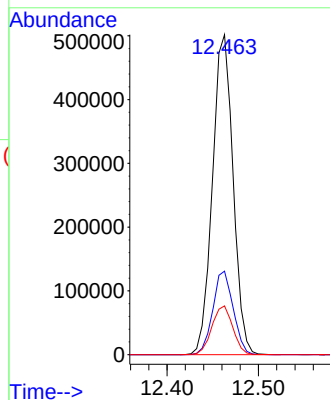
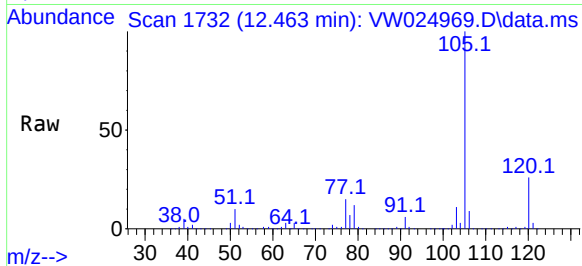




#60
Isopropylbenzene
Concen: 25.102 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW024969.D
Acq: 24 Oct 2022 16:43

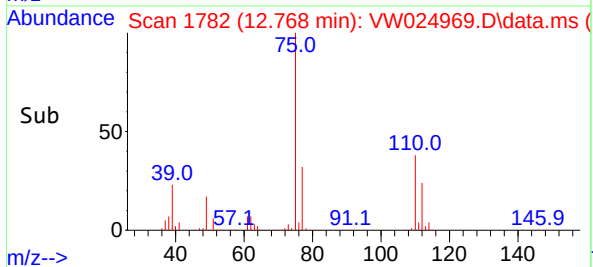
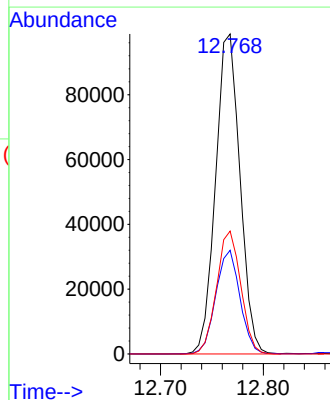
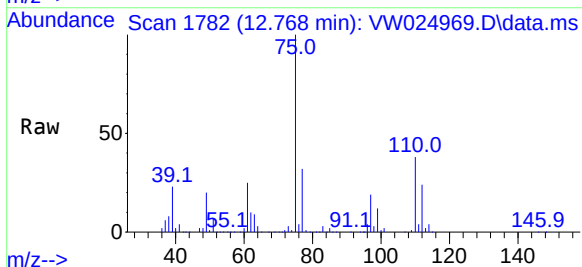
Instrument :
MSVOA_W
ClientSampleId :
GBLN3MSD

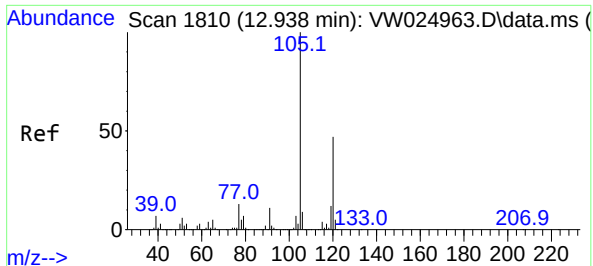
Tgt Ion:105 Resp: 785806
Ion Ratio Lower Upper
105 100
120 25.8 20.5 30.7
77 15.5 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 38.153 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW024969.D
Acq: 24 Oct 2022 16:43

Tgt Ion: 75 Resp: 162804
Ion Ratio Lower Upper
75 100
77 32.2 26.4 39.6
110 37.9 30.8 46.2





#62

1,3,5-Trimethylbenzene

Concen: 25.139 ug/L

RT: 12.938 min Scan# 1810

Delta R.T. -0.000 min

Lab File: VW024969.D

Acq: 24 Oct 2022 16:43

Instrument :

MSVOA_W

ClientSampleId :

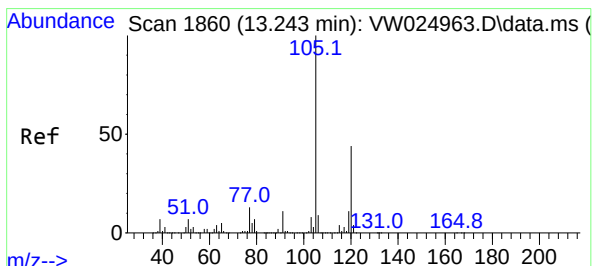
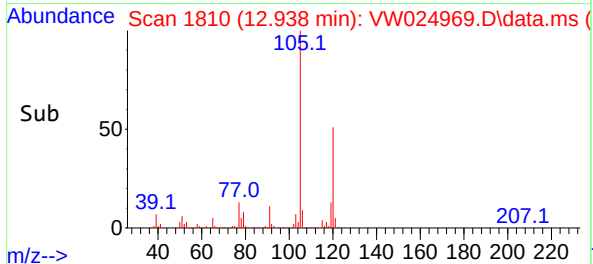
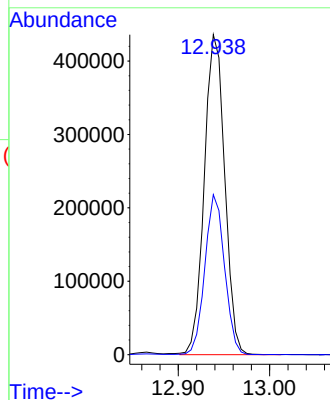
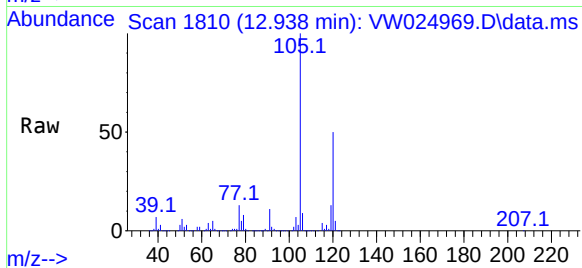
GBLN3MSD

Tgt Ion:105 Resp: 675661

Ion Ratio Lower Upper

105 100

120 48.2 38.1 57.1



#63

1,2,4-Trimethylbenzene

Concen: 26.150 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. 0.006 min

Lab File: VW024969.D

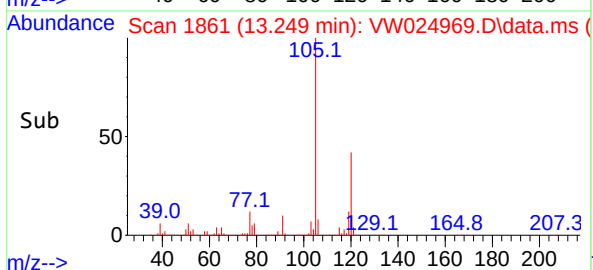
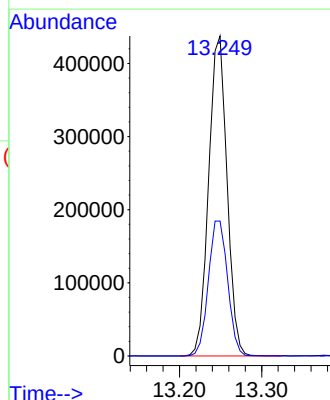
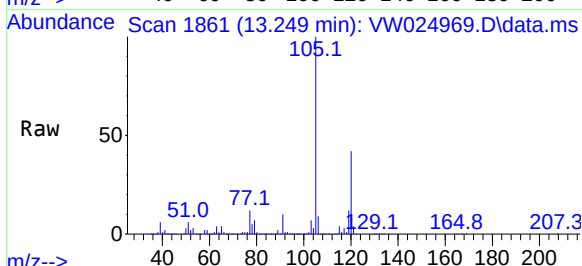
Acq: 24 Oct 2022 16:43

Tgt Ion:105 Resp: 677653

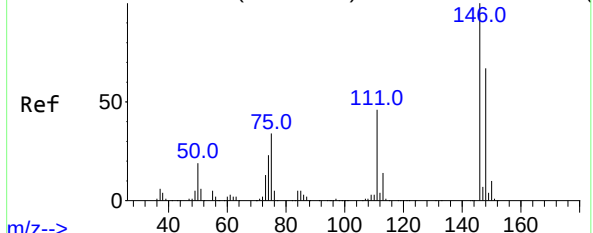
Ion Ratio Lower Upper

105 100

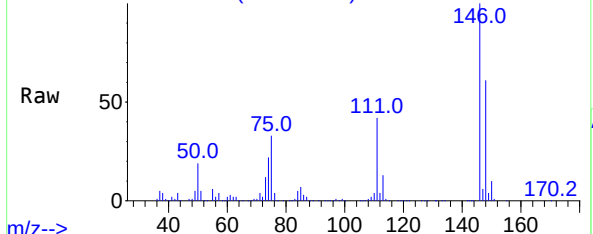
120 44.3 34.8 52.2



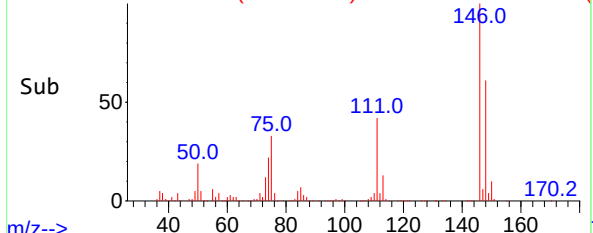
Abundance Scan 1901 (13.493 min): VW024963.D\data.ms (



m/z--> Abundance Scan 1901 (13.493 min): VW024969.D\data.ms



m/z--> Abundance Scan 1901 (13.493 min): VW024969.D\data.ms (

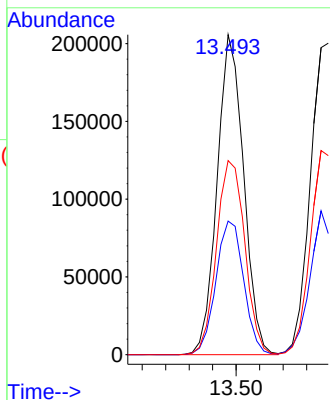


m/z-->

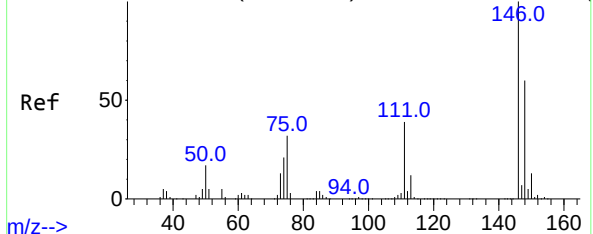
#64
1,3-Dichlorobenzene
Concen: 25.305 ug/L
RT: 13.493 min Scan# 1901
Delta R.T. -0.000 min
Lab File: VW024969.D
Acq: 24 Oct 2022 16:43

Instrument :
MSVOA_W
ClientSampleId :
GBLN3MSD

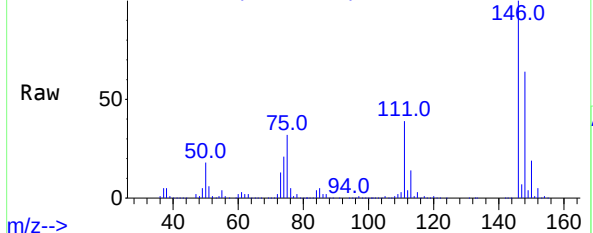
Tgt Ion:146 Resp: 322608
Ion Ratio Lower Upper
146 100
111 41.7 31.7 58.9
148 60.7 45.5 84.5



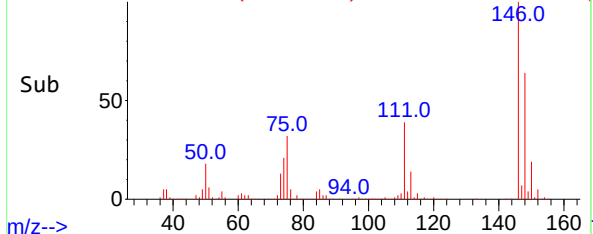
Abundance Scan 1914 (13.572 min): VW024963.D\data.ms (



m/z--> Abundance Scan 1915 (13.578 min): VW024969.D\data.ms



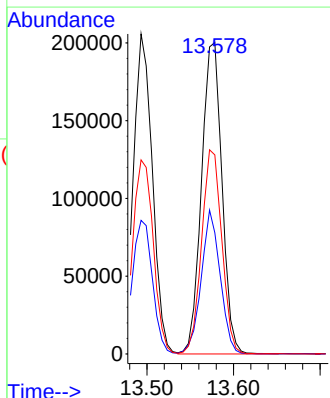
m/z--> Abundance Scan 1915 (13.578 min): VW024969.D\data.ms (

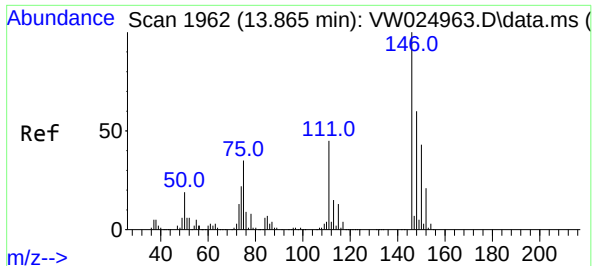


m/z-->

#65
1,4-Dichlorobenzene
Concen: 25.474 ug/L
RT: 13.578 min Scan# 1915
Delta R.T. 0.006 min
Lab File: VW024969.D
Acq: 24 Oct 2022 16:43

Tgt Ion:146 Resp: 328745
Ion Ratio Lower Upper
146 100
111 38.9 27.4 50.8
148 63.9 42.8 79.6





#67

1,2-Dichlorobenzene

Concen: 27.191 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. -0.000 min

Lab File: VW024969.D

Acq: 24 Oct 2022 16:43

Instrument :

MSVOA_W

ClientSampleId :

GBLN3MSD

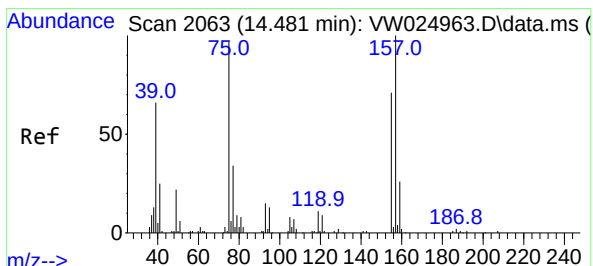
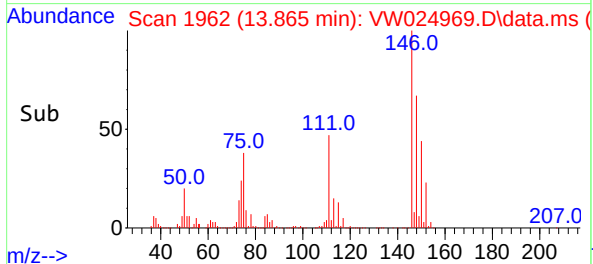
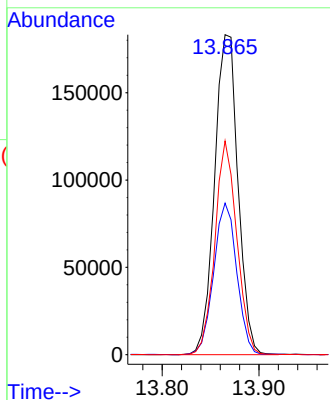
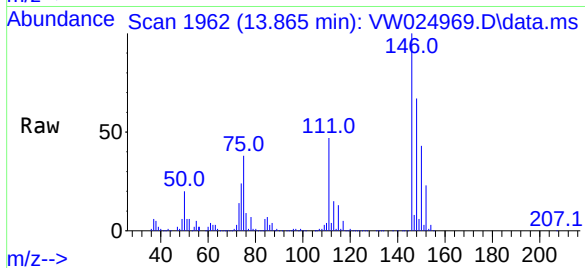
Tgt Ion:146 Resp: 308132

Ion Ratio Lower Upper

146 100

111 47.3 36.9 55.3

148 66.8 50.0 75.0



#68

1,2-Dibromo-3-chloropropane

Concen: 42.513 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VW024969.D

Acq: 24 Oct 2022 16:43

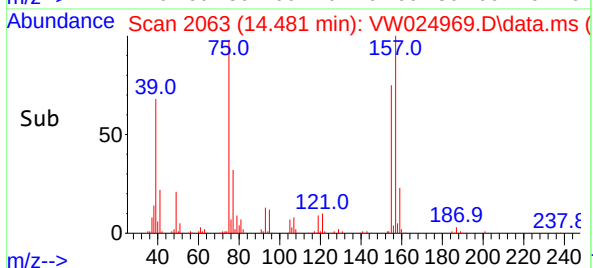
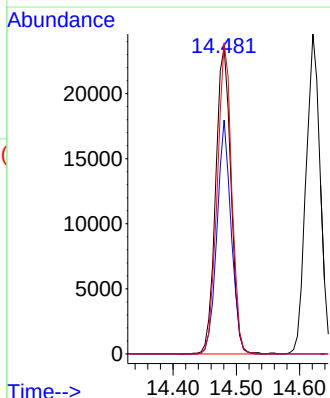
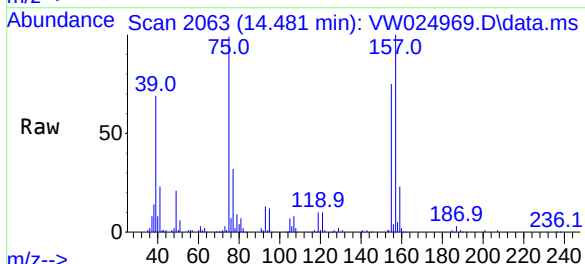
Tgt Ion: 75 Resp: 39431

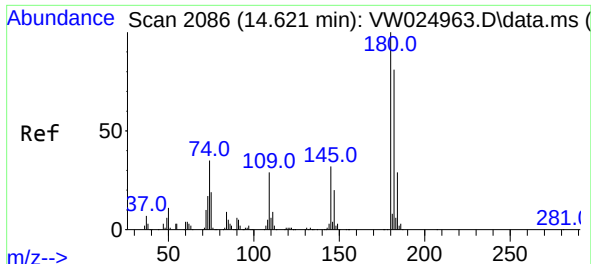
Ion Ratio Lower Upper

75 100

155 76.3 56.2 84.4

157 101.4 74.6 111.8





#69

1,3,5-Trichlorobenzene

Concen: 22.005 ug/L

RT: 14.621 min Scan# 2086

Delta R.T. -0.000 min

Lab File: VW024969.D

Acq: 24 Oct 2022 16:43

Instrument :

MSVOA_W

ClientSampleId :

GBLN3MSD

Tgt Ion:180 Resp: 183167

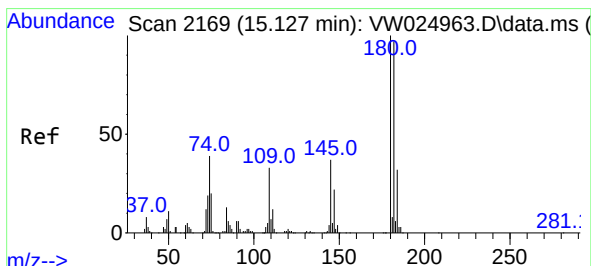
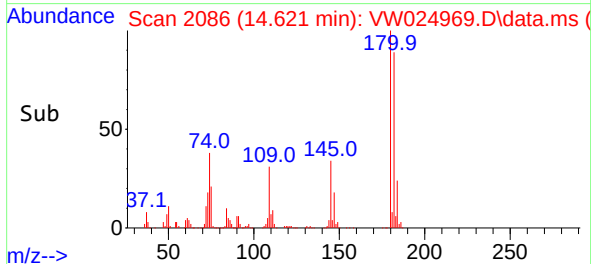
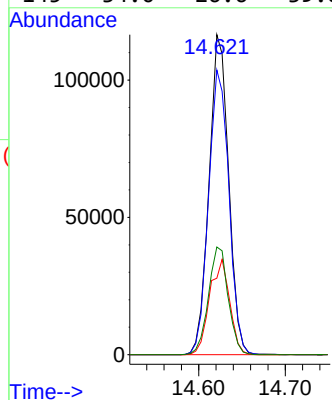
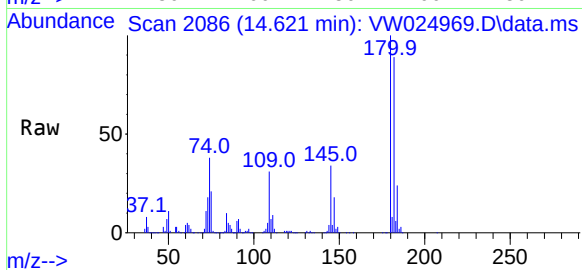
Ion Ratio Lower Upper

180 100

182 92.3 75.0 112.6

184 30.5 22.9 34.3

145 34.0 26.6 39.8



#70

1,2,4-trichlorobenzene

Concen: 22.890 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. -0.000 min

Lab File: VW024969.D

Acq: 24 Oct 2022 16:43

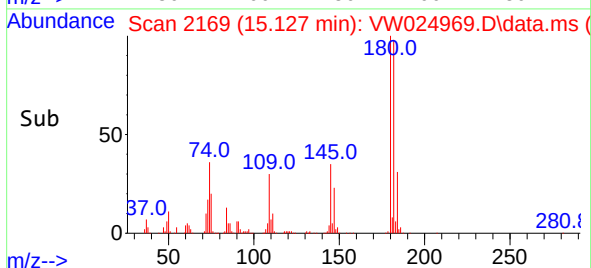
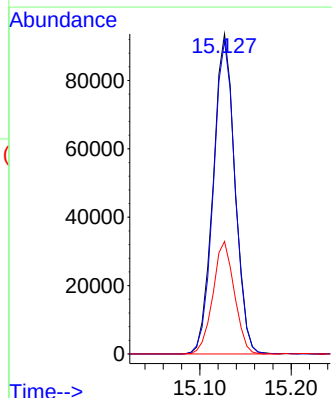
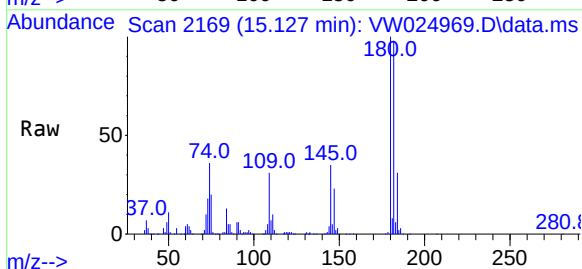
Tgt Ion:180 Resp: 154590

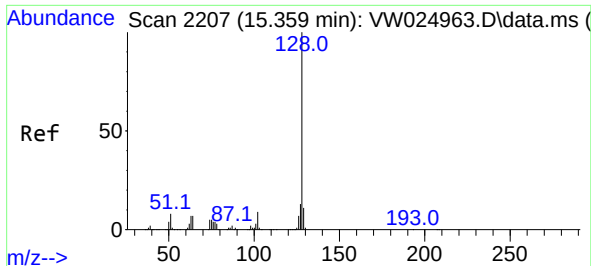
Ion Ratio Lower Upper

180 100

182 97.3 77.7 116.5

145 34.7 29.0 43.4



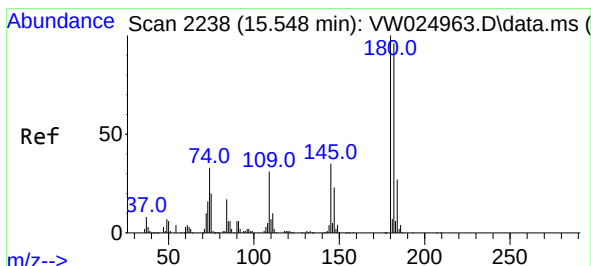
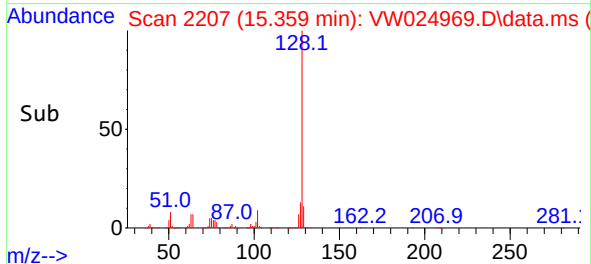
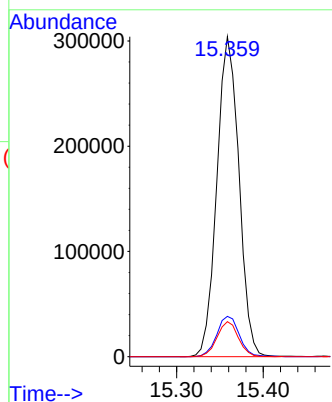
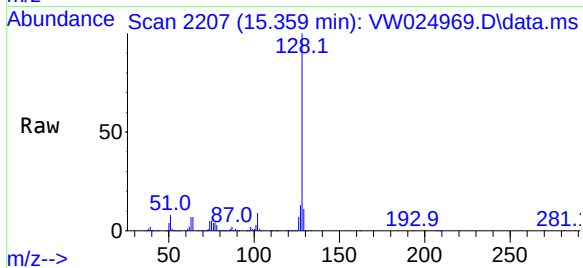


#71
Naphthalene
Concen: 36.797 ug/L
RT: 15.359 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW024969.D
Acq: 24 Oct 2022 16:43

Instrument :
MSVOA_W
ClientSampleId :
GBLN3MSD

Tgt Ion:128 Resp: 538452

Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.2	15.4
129	10.6	9.0	13.4



#72
1,2,3-Trichlorobenzene
Concen: 24.380 ug/L
RT: 15.554 min Scan# 2239
Delta R.T. 0.006 min
Lab File: VW024969.D
Acq: 24 Oct 2022 16:43

Tgt Ion:180 Resp: 140535

Ion	Ratio	Lower	Upper
180	100		
182	98.3	75.1	112.7
145	37.3	29.9	44.9

