

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102422\
 Data File : VW024968.D
 Acq On : 24 Oct 2022 16:19
 Operator : SY/VA
 Sample : N5258-03MS
 Misc : 6.19g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GBLN3MS

Quant Time: Oct 27 02:14:02 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	8.842	114	463204	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	420939	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	210491	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	112089	20.511	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.040%
7) Chloroethane-d5	2.891	69	74874	23.401	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.600%
11) 1,1-Dichloroethene-d2	4.032	63	274642	23.115	ug/L	0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	92.440%
21) 2-Butanone-d5	7.074	46	136948	79.092	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	158.180%#
24) Chloroform-d	7.647	84	304987	23.344	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.360%
26) 1,2-Dichloroethane-d4	8.305	65	173807	25.419	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.680%
32) Benzene-d6	8.275	84	595082	22.544	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.160%
36) 1,2-Dichloropropane-d6	9.274	67	192455	23.772	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.080%
41) Toluene-d8	10.323	98	538759	22.740	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.960%
43) trans-1,3-Dichloroprop...	10.579	79	86477	28.164	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	112.640%
47) 2-Hexanone-d5	10.921	63	112843	83.134	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	166.260%#
56) 1,1,2,2-Tetrachloroeth...	12.688	84	208178	32.972	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	131.880%#
66) 1,2-Dichlorobenzene-d4	13.847	152	177443	23.068	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.280%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.014	85	54334	26.218	ug/L	98
3) Chloromethane	2.221	50	126052	26.116	ug/L	98
5) Vinyl chloride	2.367	62	189948	28.845	ug/L	95
6) Bromomethane	2.782	94	89433	27.962	ug/L	99
8) Chloroethane	2.928	64	81525	29.713	ug/L	100
9) Trichlorofluoromethane	3.257	101	89103	27.355	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	179245	27.027	ug/L	95
12) 1,1-Dichloroethene	4.044	96	171216	27.283	ug/L	91
13) Acetone	4.123	43	110550	91.239	ug/L	98
14) Carbon disulfide	4.391	76	550620	26.862	ug/L	100
15) Methyl Acetate	4.672	43	117800	39.949	ug/L	99
16) Methylene chloride	4.915	84	194042	23.726	ug/L	96
17) trans-1,2-Dichloroethene	5.428	96	187661	27.472	ug/L	96
18) Methyl tert-butyl Ether	5.428	73	360562	35.520	ug/L	99
19) 1,1-Dichloroethane	6.214	63	349761	27.676	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	293097	39.701	ug/L	98
22) 2-Butanone	7.171	43	165578	81.916	ug/L	100
23) Bromochloromethane	7.519	128	91204	30.203	ug/L	96
25) Chloroform	7.677	83	346429	27.927	ug/L	99

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 Response via : Initial Calibration

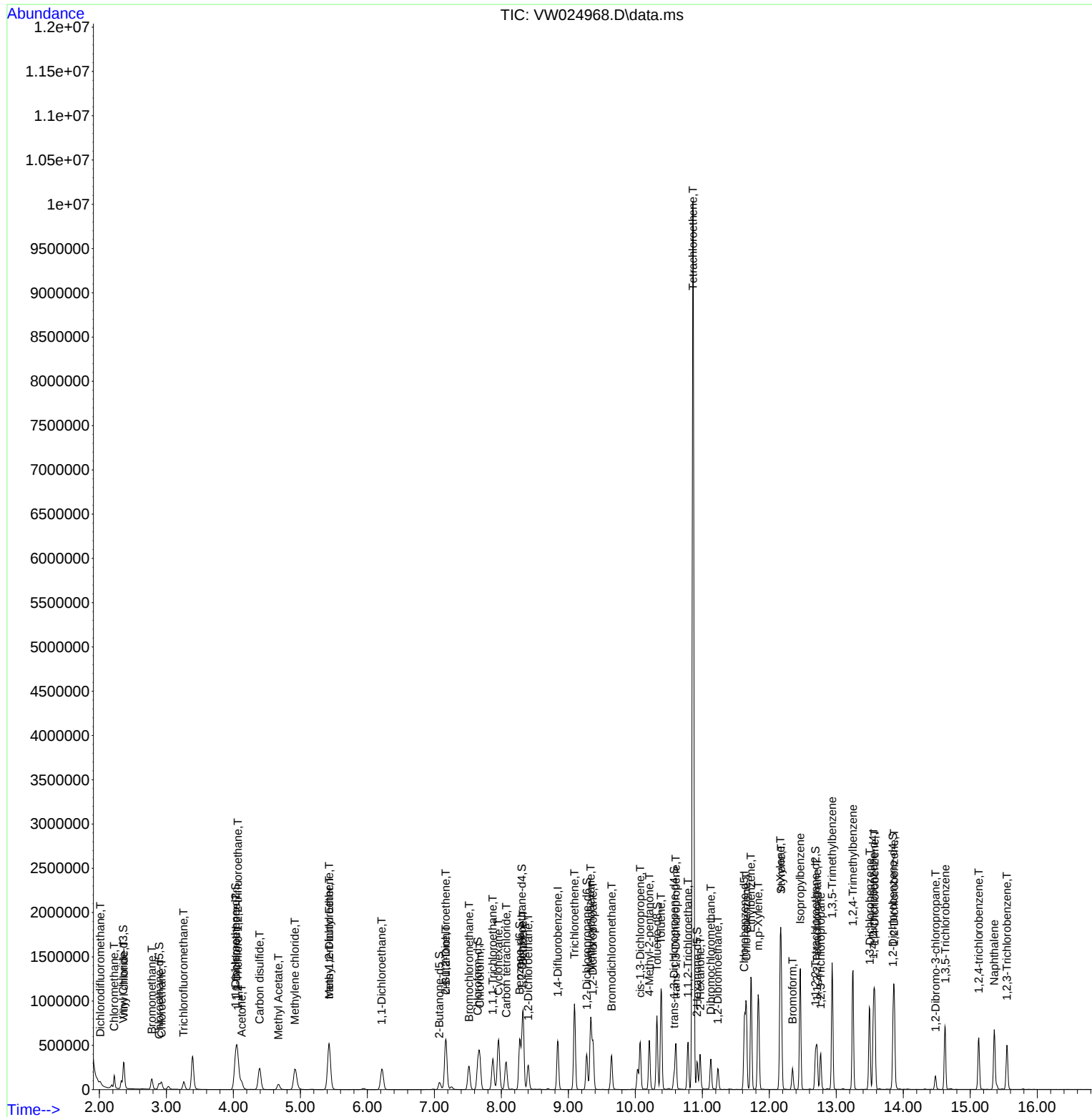
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	248006	30.918	ug/L	99
29) Cyclohexane	7.958	56	332802	27.223	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	273965	28.300	ug/L	99
31) Carbon tetrachloride	8.073	117	239216	28.144	ug/L	98
33) Benzene	8.323	78	806399	28.159	ug/L	100
34) Trichloroethene	9.092	95	344683	47.793	ug/L	97
35) Methylcyclohexane	9.335	83	345806	26.642	ug/L	98
37) 1,2-Dichloropropane	9.366	63	206403	28.921	ug/L	100
38) Bromodichloromethane	9.646	83	261475	29.652	ug/L	97
39) cis-1,3-Dichloropropene	10.073	75	323158	31.326	ug/L	98
40) 4-Methyl-2-pentanone	10.207	43	362582	85.956	ug/L	99
42) Toluene	10.384	91	839352	28.587	ug/L	99
44) trans-1,3-Dichloropropene	10.604	75	291762	34.066	ug/L	97
45) 1,1,2-Trichloroethane	10.786	97	166763	33.452	ug/L	97
46) Tetrachloroethene	10.860	164	2171121	442.746	ug/L	93
48) 2-Hexanone	10.969	43	253082	88.489	ug/L	99
49) Dibromochloromethane	11.128	129	179545	32.535	ug/L	97
50) 1,2-Dibromoethane	11.231	107	160881	34.258	ug/L	96
51) Chlorobenzene	11.658	112	512101	27.750	ug/L	96
52) Ethylbenzene	11.725	91	919071	27.953	ug/L	95
53) m,p-Xylene	11.835	106	349150	27.951	ug/L	98
54) o-Xylene	12.164	106	337903	28.410	ug/L	99
55) Styrene	12.176	104	579927	28.428	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	229389	37.716	ug/L #	98
59) Bromoform	12.347	173	103474	36.738	ug/L #	98
60) Isopropylbenzene	12.463	105	883853	26.031	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	171753	37.110	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	757844	25.997	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	761066	27.077	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	351139	25.393	ug/L	94
65) 1,4-Dichlorobenzene	13.572	146	362461	25.895	ug/L	96
67) 1,2-Dichlorobenzene	13.865	146	333083	27.100	ug/L	89
68) 1,2-Dibromo-3-chloropr...	14.481	75	40033	39.794	ug/L	94
69) 1,3,5-Trichlorobenzene	14.627	180	212620	23.550	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	171624	23.429	ug/L	99
71) Naphthalene	15.359	128	565091	35.604	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	150921	24.138	ug/L	96

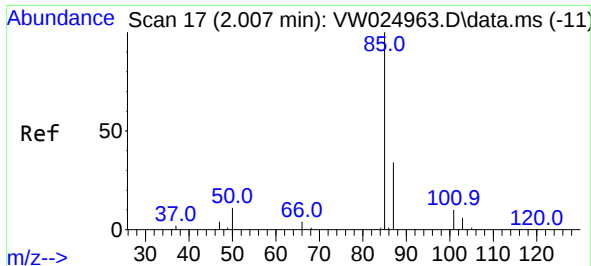
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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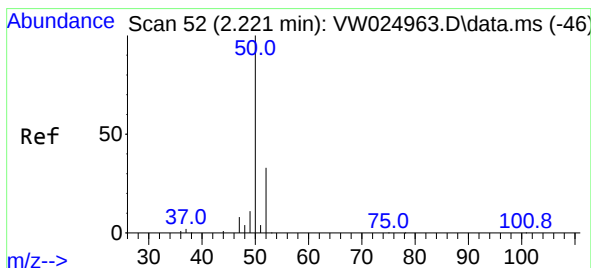
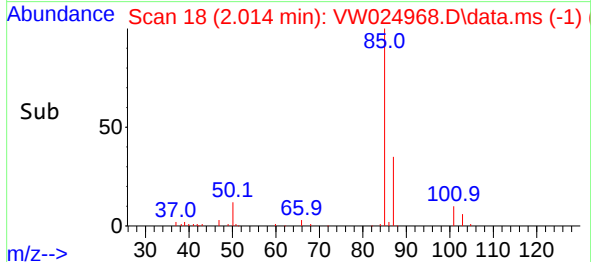
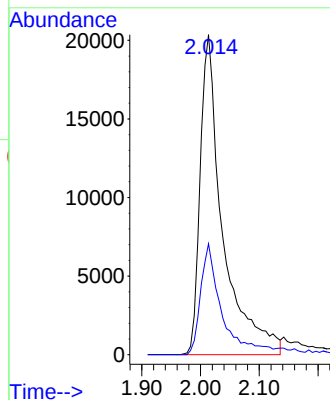
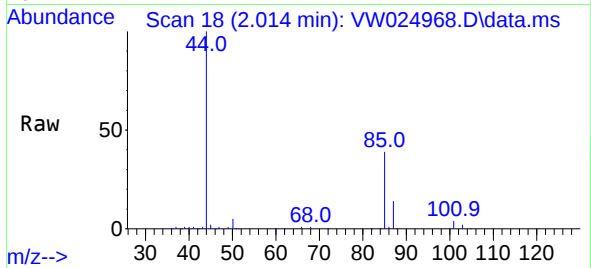




#2
Dichlorodifluoromethane
Concen: 26.218 ug/L
RT: 2.014 min Scan# 18
Delta R.T. 0.006 min
Lab File: VW024968.D
Acq: 24 Oct 2022 16:19

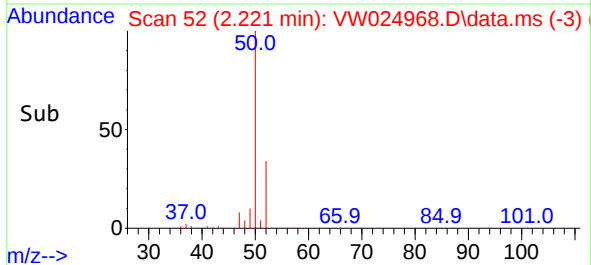
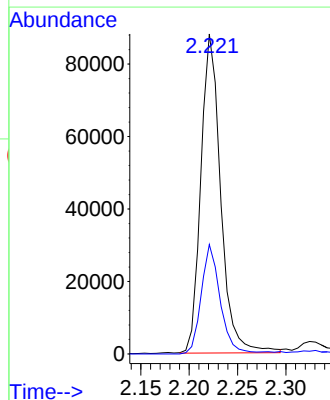
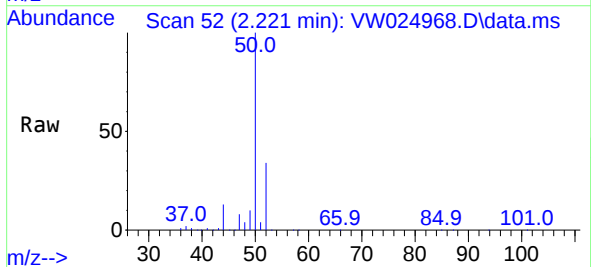
Instrument :
MSVOA_W
ClientSampleId :
GBLN3MS

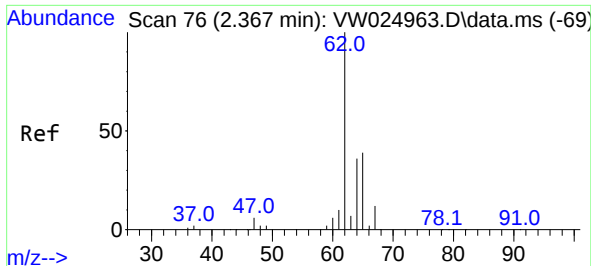
Tgt Ion: 85 Resp: 54334
Ion Ratio Lower Upper
85 100
87 32.3 26.8 40.2



#3
Chloromethane
Concen: 26.116 ug/L
RT: 2.221 min Scan# 52
Delta R.T. -0.000 min
Lab File: VW024968.D
Acq: 24 Oct 2022 16:19

Tgt Ion: 50 Resp: 126052
Ion Ratio Lower Upper
50 100
52 34.2 23.1 42.9

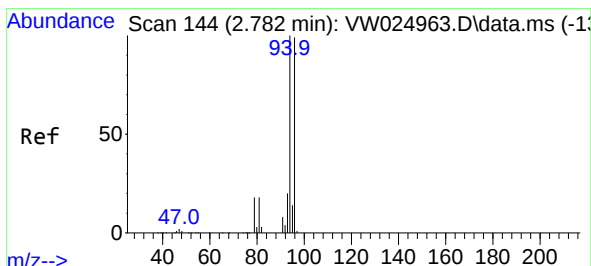
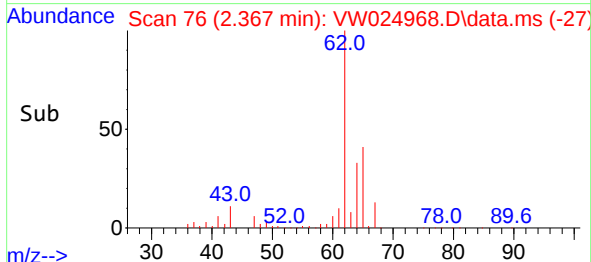
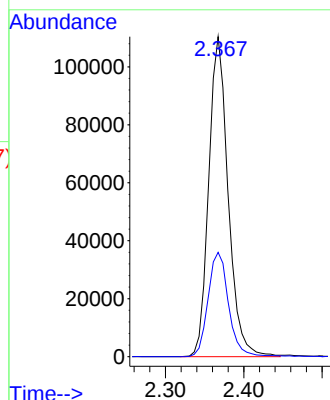
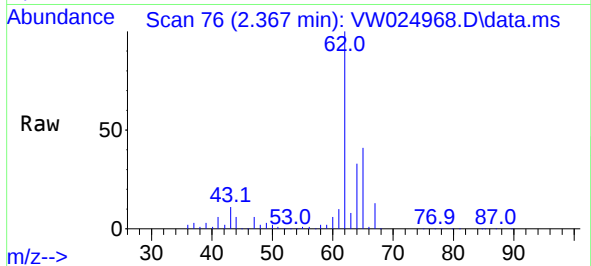




#5
 Vinyl chloride
 Concen: 28.845 ug/L
 RT: 2.367 min Scan# 76
 Delta R.T. -0.000 min
 Lab File: VW024968.D
 Acq: 24 Oct 2022 16:19

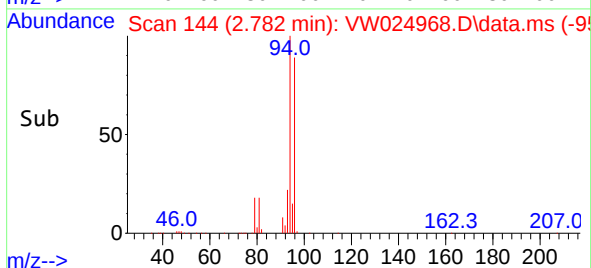
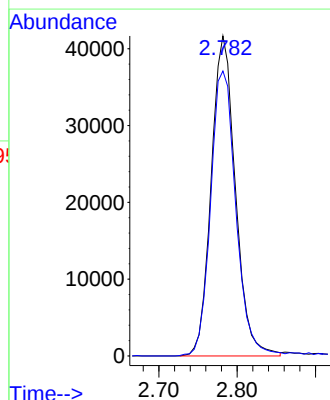
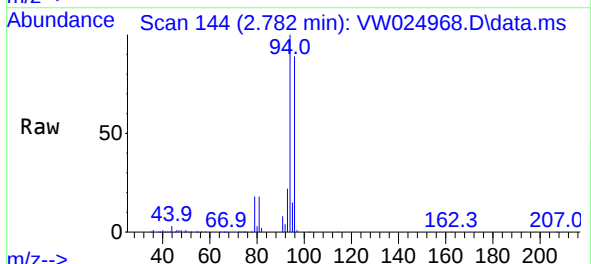
Instrument :
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 ClientSampleId :
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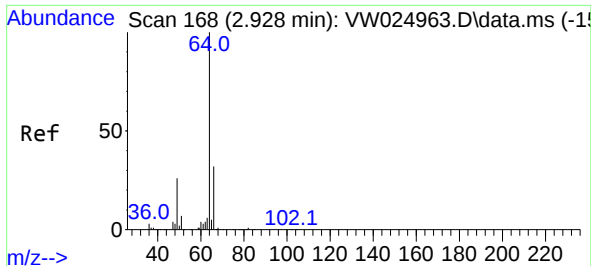
Tgt Ion: 62 Resp: 189948
 Ion Ratio Lower Upper
 62 100
 64 32.6 24.7 45.9



#6
 Bromomethane
 Concen: 27.962 ug/L
 RT: 2.782 min Scan# 144
 Delta R.T. 0.000 min
 Lab File: VW024968.D
 Acq: 24 Oct 2022 16:19

Tgt Ion: 94 Resp: 89433
 Ion Ratio Lower Upper
 94 100
 96 89.0 61.4 114.0

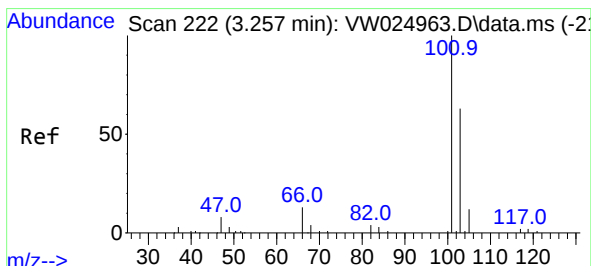
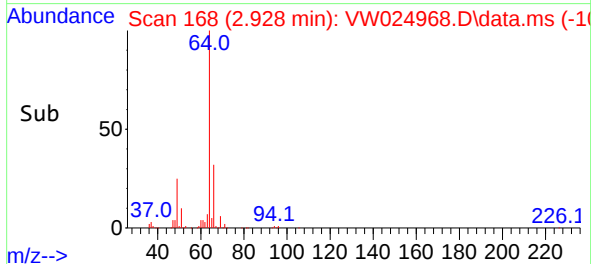
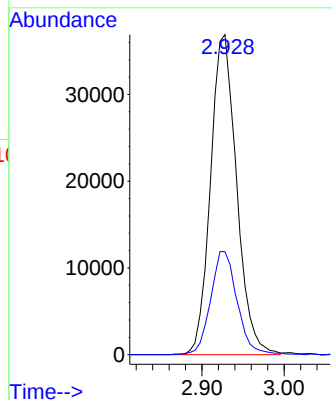
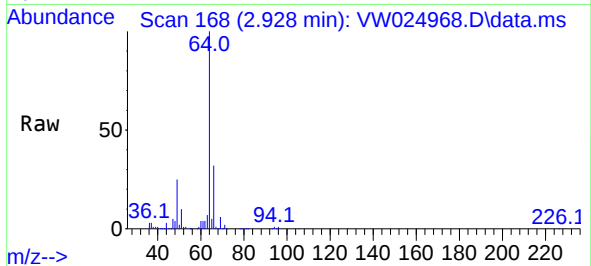




#8
Chloroethane
Concen: 29.713 ug/L
RT: 2.928 min Scan# 168
Delta R.T. 0.000 min
Lab File: VW024968.D
Acq: 24 Oct 2022 16:19

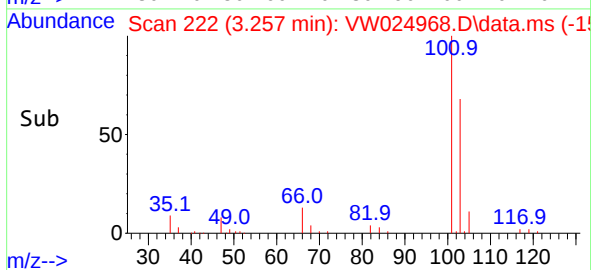
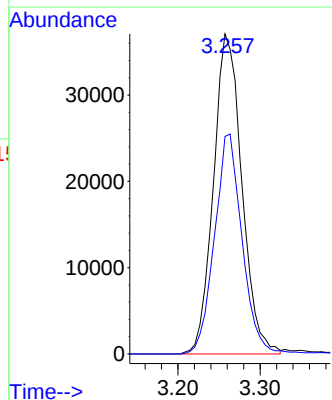
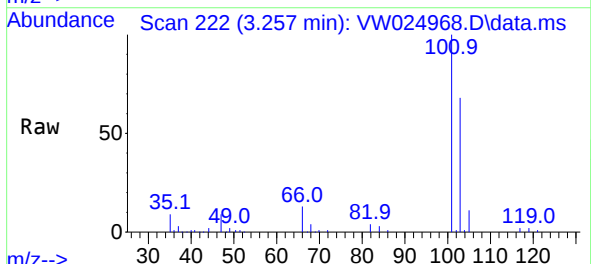
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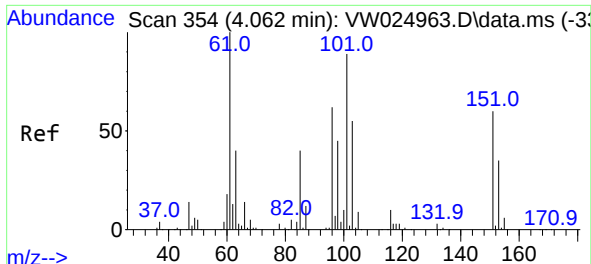
Tgt Ion: 64 Resp: 81525
Ion Ratio Lower Upper
64 100
66 32.2 22.3 41.5



#9
Trichlorofluoromethane
Concen: 27.355 ug/L
RT: 3.257 min Scan# 222
Delta R.T. -0.000 min
Lab File: VW024968.D
Acq: 24 Oct 2022 16:19

Tgt Ion:101 Resp: 89103
Ion Ratio Lower Upper
101 100
103 66.9 52.9 79.3

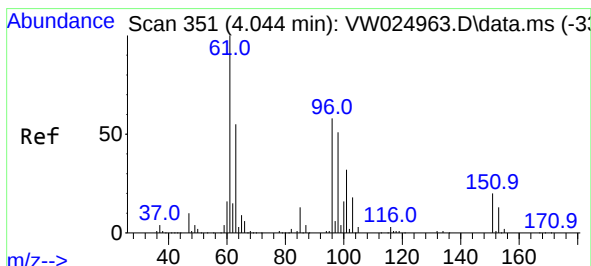
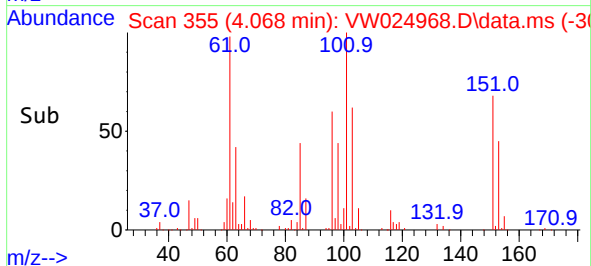
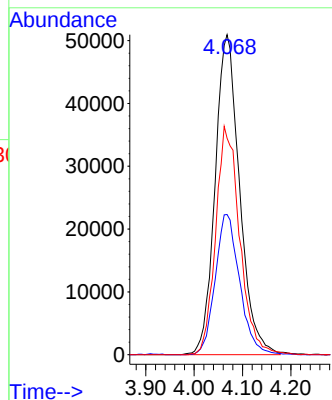
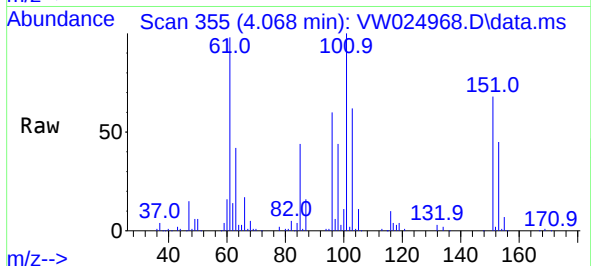




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 27.027 ug/L
RT: 4.068 min Scan# 354
Delta R.T. 0.006 min
Lab File: VW024968.D
Acq: 24 Oct 2022 16:19

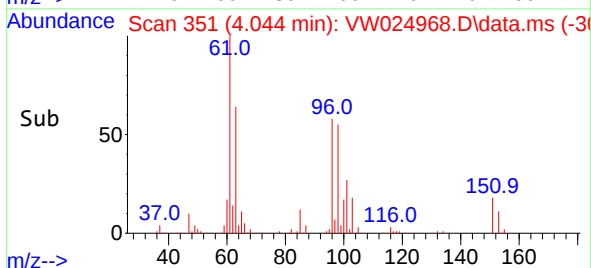
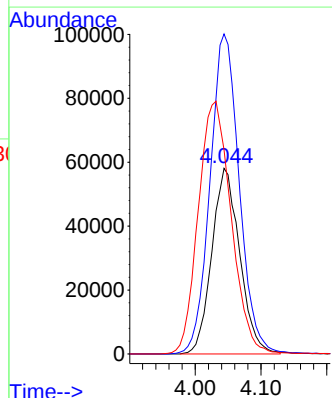
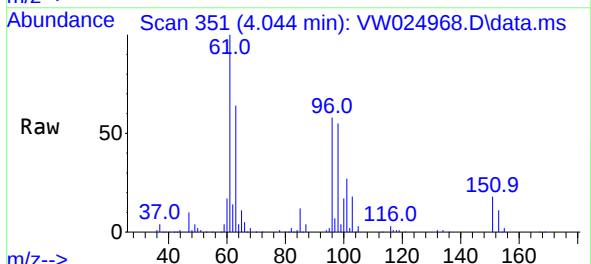
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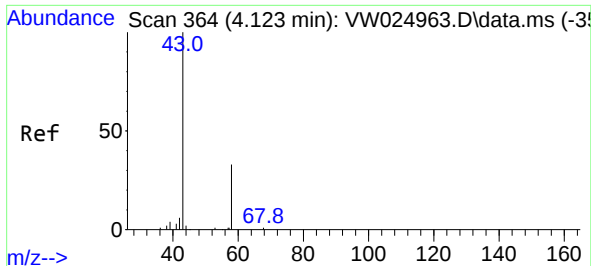
Tgt Ion:101 Resp: 179245
Ion Ratio Lower Upper
101 100
85 43.8 33.6 50.4
151 70.0 52.0 78.0



#12
1,1-Dichloroethene
Concen: 27.283 ug/L
RT: 4.044 min Scan# 351
Delta R.T. -0.000 min
Lab File: VW024968.D
Acq: 24 Oct 2022 16:19

Tgt Ion: 96 Resp: 171216
Ion Ratio Lower Upper
96 100
61 172.4 122.4 227.2
63 110.0 92.1 171.1

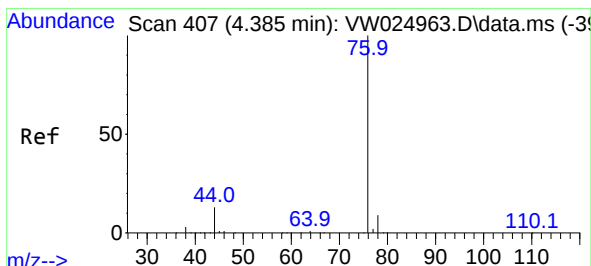
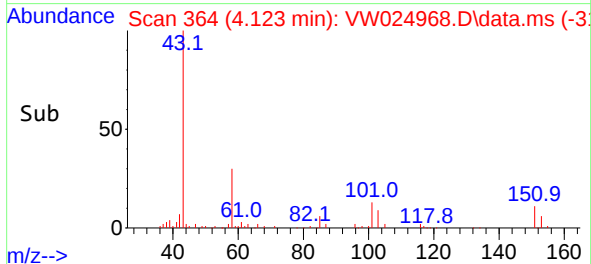
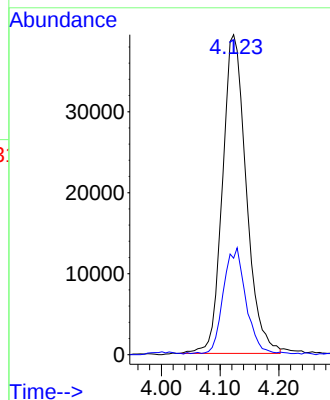
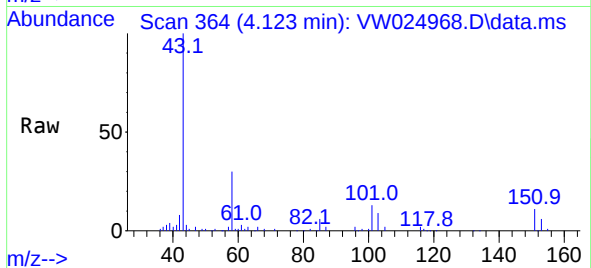




#13
Acetone
Concen: 91.239 ug/L
RT: 4.123 min Scan# 308
Delta R.T. -0.000 min
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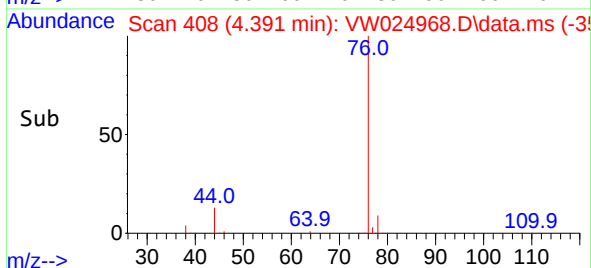
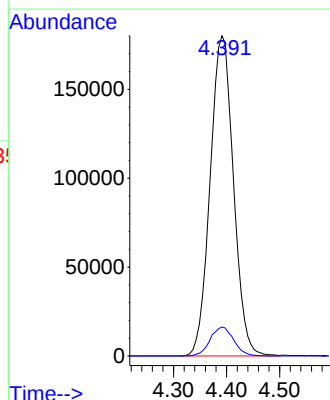
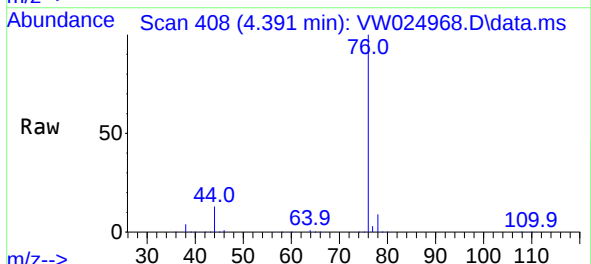
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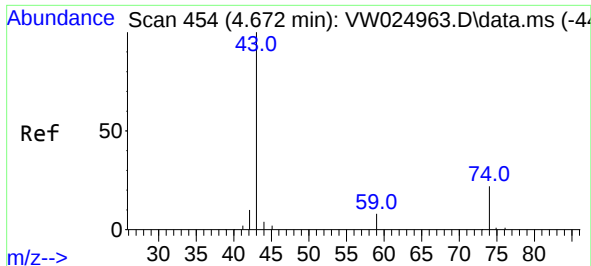
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Ion Ratio Lower Upper
43 100
58 31.2 0.0 64.2



#14
Carbon disulfide
Concen: 26.862 ug/L
RT: 4.391 min Scan# 408
Delta R.T. 0.006 min
Lab File: VW024968.D
Acq: 24 Oct 2022 16:19

Tgt Ion: 76 Resp: 550620
Ion Ratio Lower Upper
76 100
78 9.1 7.3 10.9

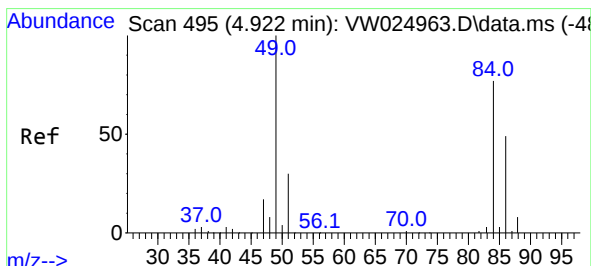
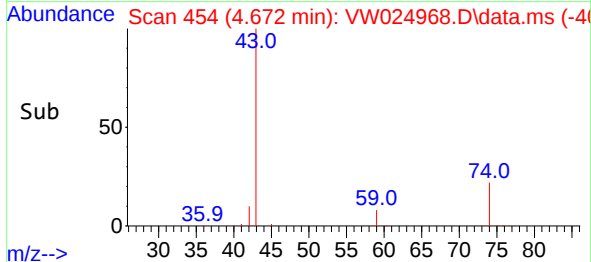
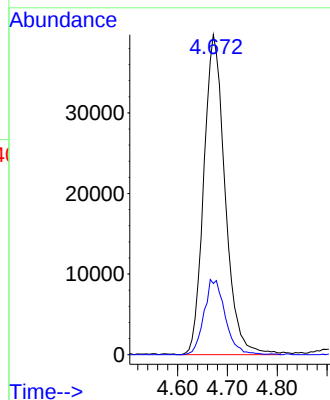
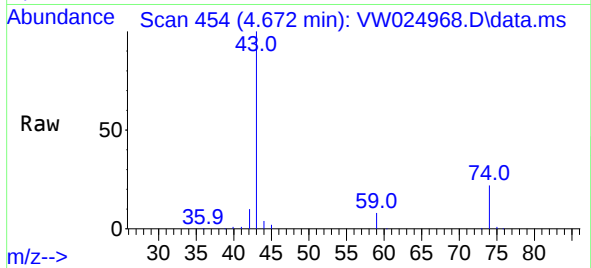




#15
Methyl Acetate
Concen: 39.949 ug/L
RT: 4.672 min Scan# 415
Delta R.T. -0.000 min
Lab File: VW024968.D
Acq: 24 Oct 2022 16:19

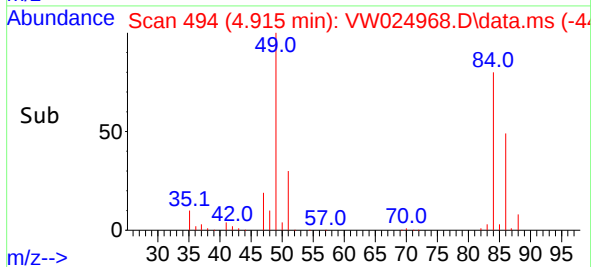
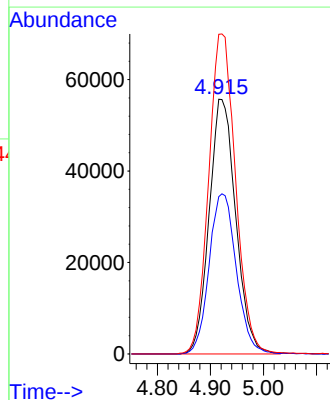
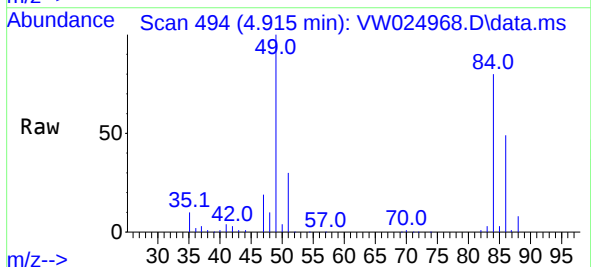
Instrument :
MSVOA_W
ClientSampleId :
GBLN3MS

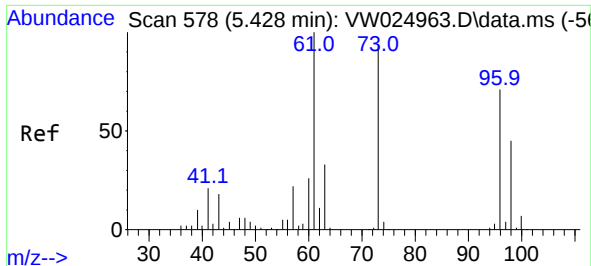
Tgt Ion: 43 Resp: 117800
Ion Ratio Lower Upper
43 100
74 23.4 19.0 28.6



#16
Methylene chloride
Concen: 23.726 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.006 min
Lab File: VW024968.D
Acq: 24 Oct 2022 16:19

Tgt Ion: 84 Resp: 194042
Ion Ratio Lower Upper
84 100
86 61.8 45.5 84.5
49 125.5 90.9 168.9

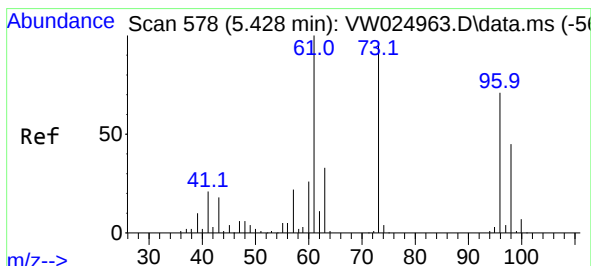
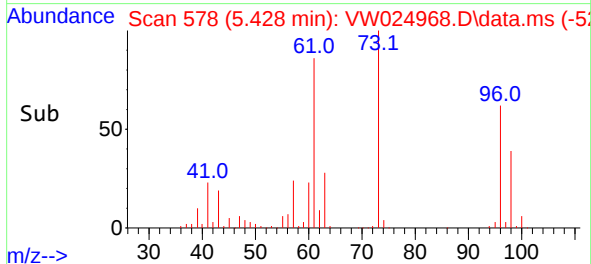
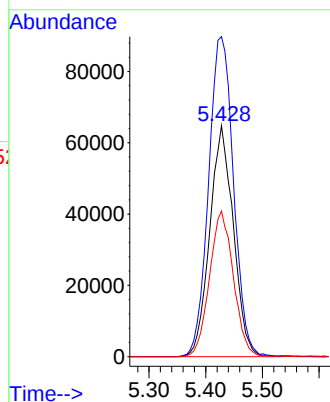
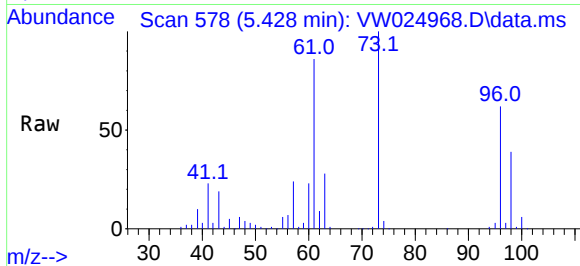




#17
trans-1,2-Dichloroethene
Concen: 27.472 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.000 min
Lab File: VW024968.D
Acq: 24 Oct 2022 16:19

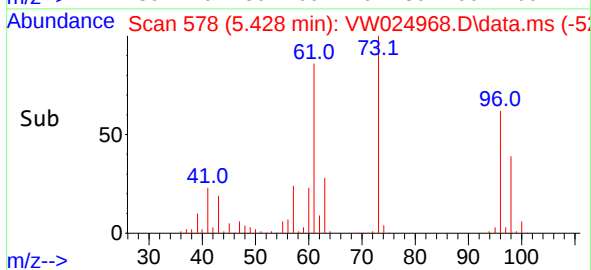
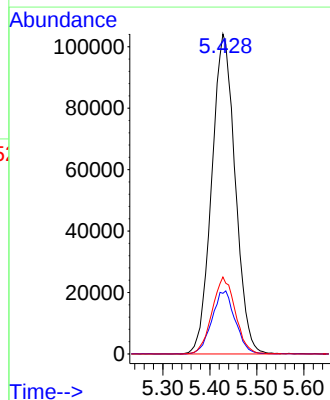
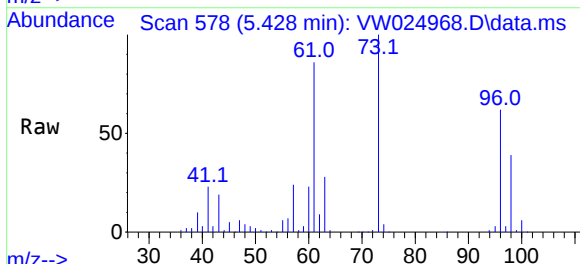
Instrument :
MSVOA_W
ClientSampleId :
GBLN3MS

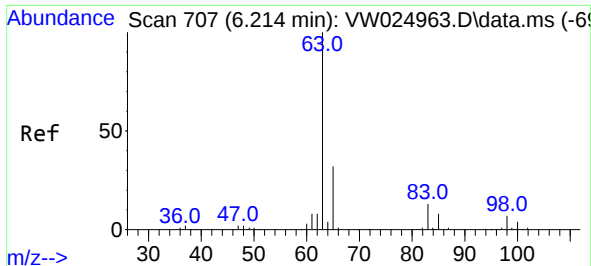
Tgt Ion: 96 Resp: 187661
Ion Ratio Lower Upper
96 100
61 138.6 102.2 189.8
98 63.1 44.6 82.8



#18
Methyl tert-butyl Ether
Concen: 35.520 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.000 min
Lab File: VW024968.D
Acq: 24 Oct 2022 16:19

Tgt Ion: 73 Resp: 360562
Ion Ratio Lower Upper
73 100
43 19.7 15.8 23.6
57 23.8 18.2 27.4





#19

1,1-Dichloroethane

Concen: 27.676 ug/L

RT: 6.214 min Scan# 707

Delta R.T. -0.000 min

Lab File: VW024968.D

Acq: 24 Oct 2022 16:19

Instrument :

MSVOA_W

ClientSampleId :

GBLN3MS

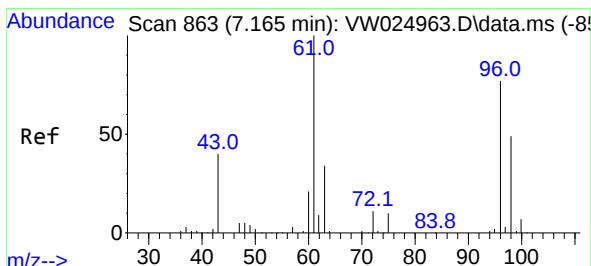
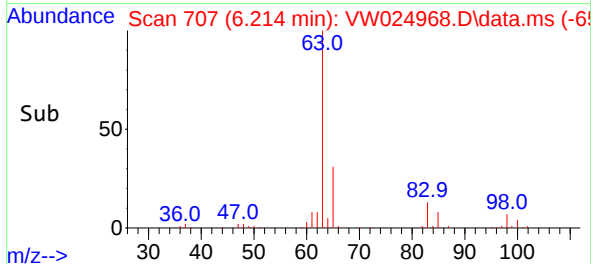
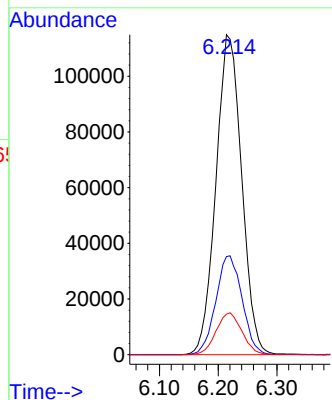
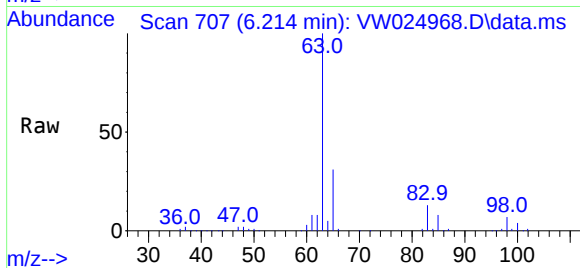
Tgt Ion: 63 Resp: 349761

Ion Ratio Lower Upper

63 100

65 30.7 22.4 41.6

83 12.6 9.6 17.8



#20

cis-1,2-Dichloroethene

Concen: 39.701 ug/L

RT: 7.171 min Scan# 864

Delta R.T. 0.006 min

Lab File: VW024968.D

Acq: 24 Oct 2022 16:19

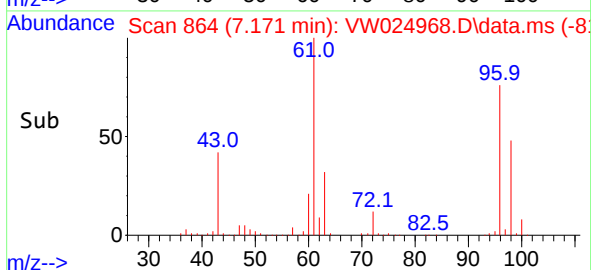
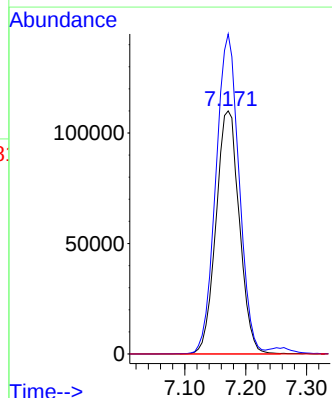
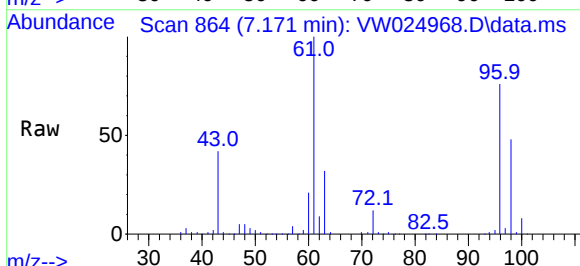
Tgt Ion: 96 Resp: 293097

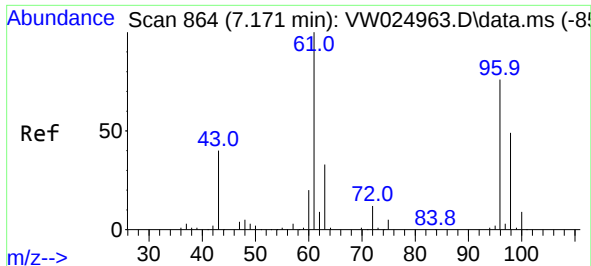
Ion Ratio Lower Upper

96 100

61 131.6 90.9 168.7

68 0.0 0.0 0.0

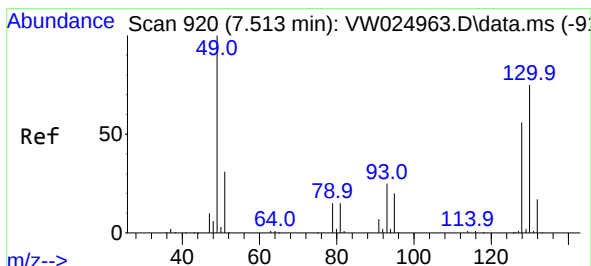
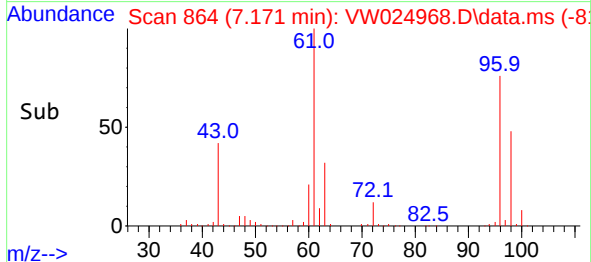
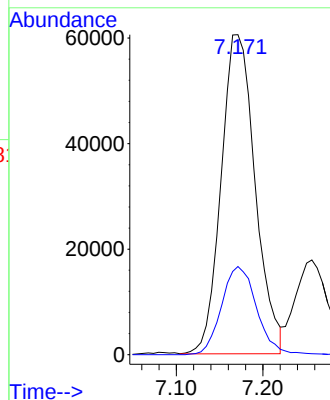
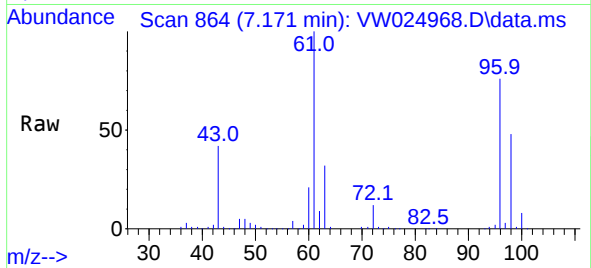




#22
2-Butanone
Concen: 81.916 ug/L
RT: 7.171 min Scan# 864
Delta R.T. -0.000 min
Lab File: VW024968.D
Acq: 24 Oct 2022 16:19

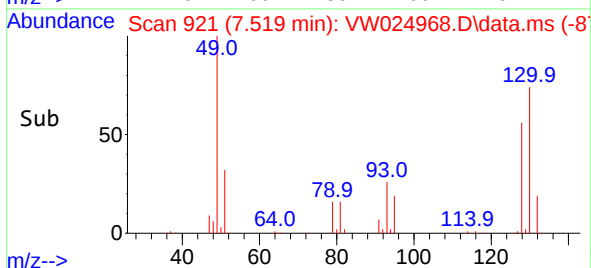
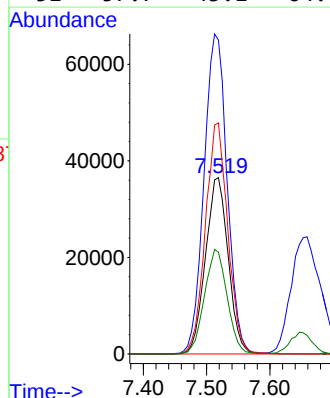
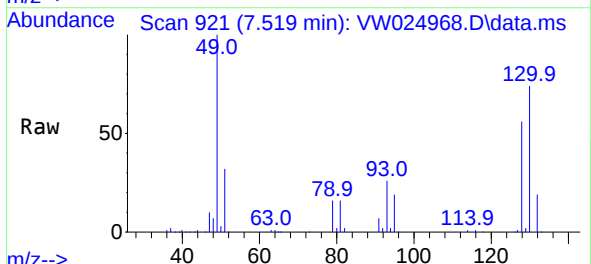
Instrument :
MSVOA_W
ClientSampleId :
GBLN3MS

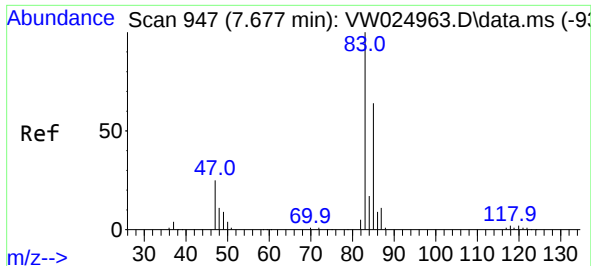
Tgt Ion: 43 Resp: 165578
Ion Ratio Lower Upper
43 100
72 28.5 14.1 42.3



#23
Bromochloromethane
Concen: 30.203 ug/L
RT: 7.519 min Scan# 921
Delta R.T. 0.006 min
Lab File: VW024968.D
Acq: 24 Oct 2022 16:19

Tgt Ion: 128 Resp: 91204
Ion Ratio Lower Upper
128 100
49 178.1 122.7 227.9
130 131.1 86.0 159.8
51 57.7 43.1 64.7





#25

Chloroform

Concen: 27.927 ug/L

RT: 7.677 min Scan# 94

Delta R.T. -0.000 min

Lab File: VW024968.D

Acq: 24 Oct 2022 16:19

Instrument :

MSVOA_W

ClientSampleId :

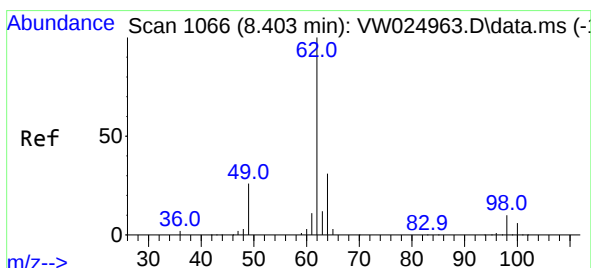
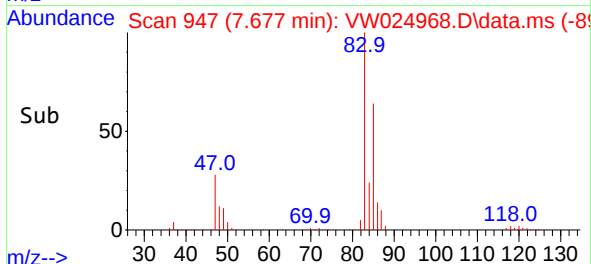
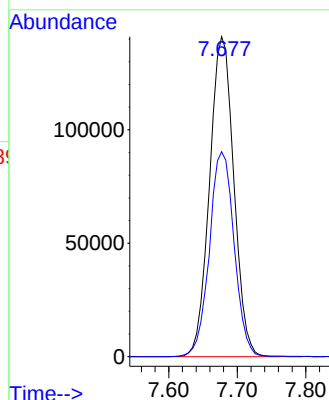
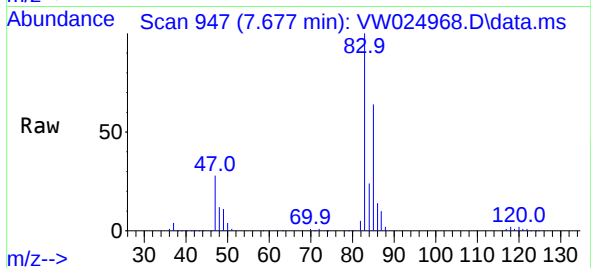
GBLN3MS

Tgt Ion: 83 Resp: 346429

Ion Ratio Lower Upper

83 100

85 64.1 45.3 84.1



#27

1,2-Dichloroethane

Concen: 30.918 ug/L

RT: 8.403 min Scan# 1066

Delta R.T. -0.000 min

Lab File: VW024968.D

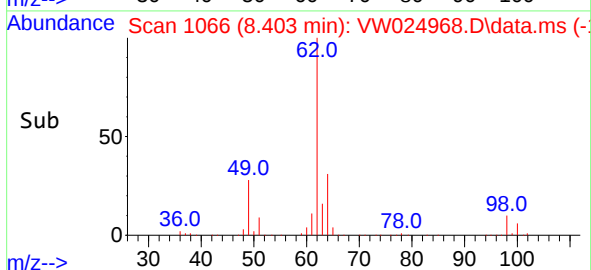
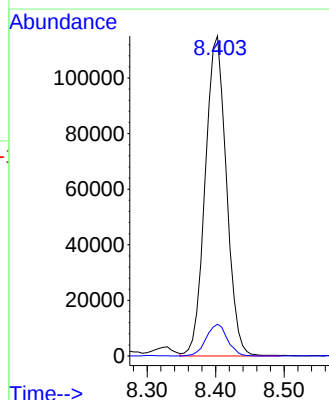
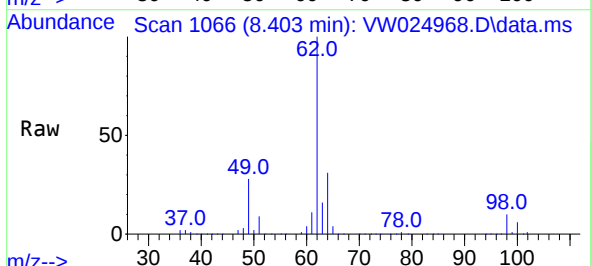
Acq: 24 Oct 2022 16:19

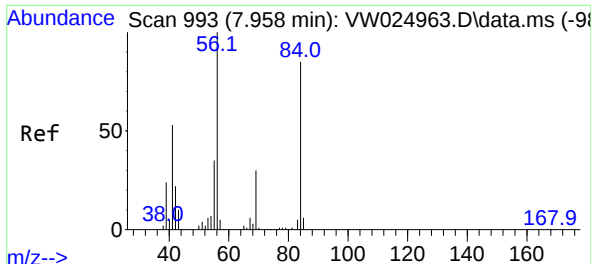
Tgt Ion: 62 Resp: 248006

Ion Ratio Lower Upper

62 100

98 9.9 7.8 11.6





#29

Cyclohexane

Concen: 27.223 ug/L

RT: 7.958 min Scan# 993

Delta R.T. 0.000 min

Lab File: VW024968.D

Acq: 24 Oct 2022 16:19

Instrument :

MSVOA_W

ClientSampleId :

GBLN3MS

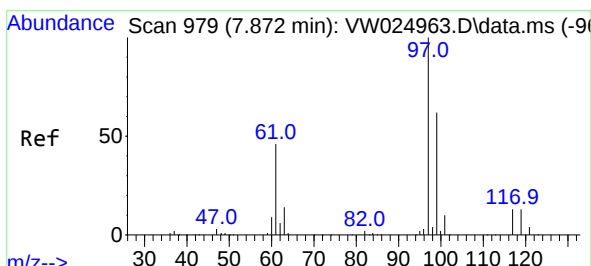
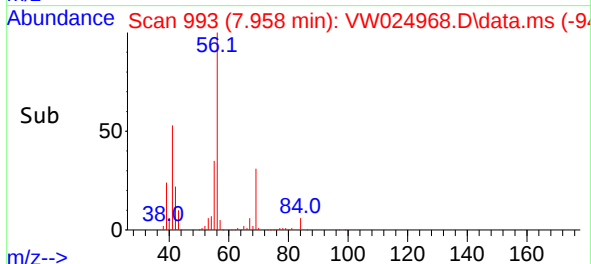
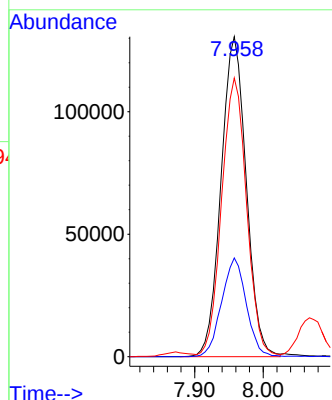
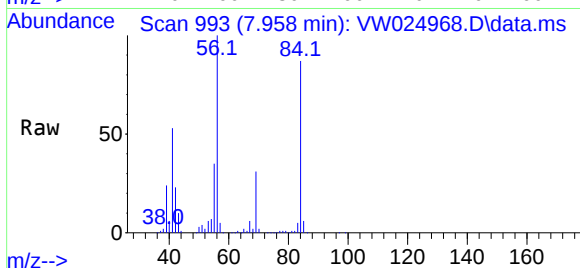
Tgt Ion: 56 Resp: 332802

Ion Ratio Lower Upper

56 100

69 30.3 24.2 36.2

84 86.3 67.7 101.5



#30

1,1,1-Trichloroethane

Concen: 28.300 ug/L

RT: 7.872 min Scan# 979

Delta R.T. 0.000 min

Lab File: VW024968.D

Acq: 24 Oct 2022 16:19

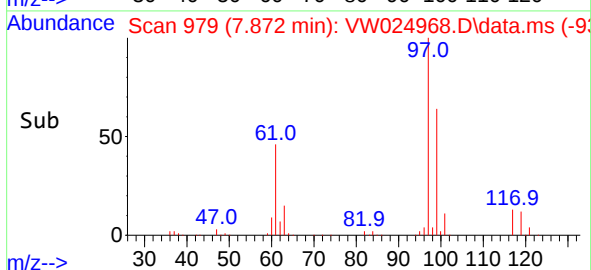
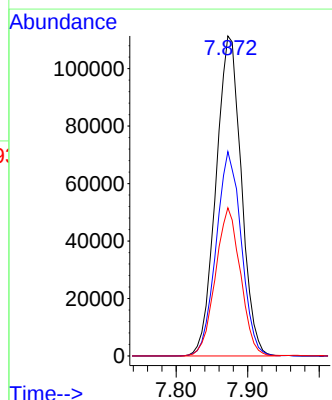
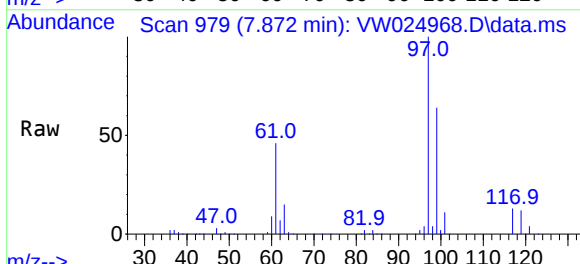
Tgt Ion: 97 Resp: 273965

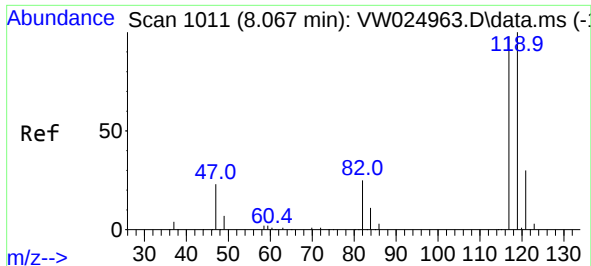
Ion Ratio Lower Upper

97 100

99 63.6 51.2 76.8

61 45.7 37.3 55.9

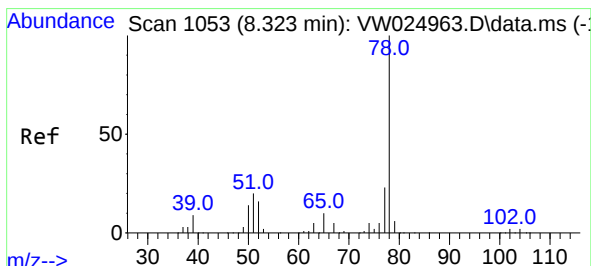
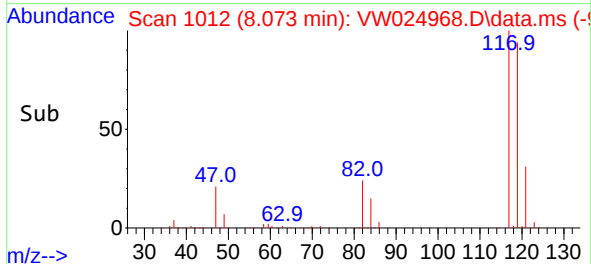
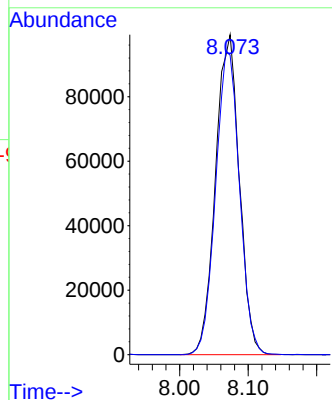
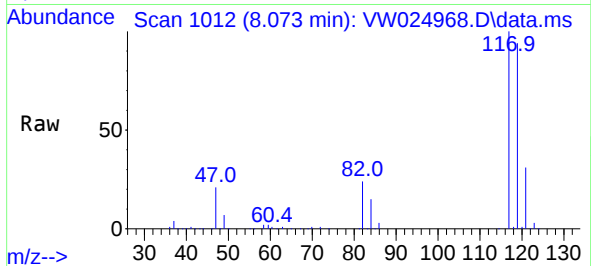




#31
Carbon tetrachloride
Concen: 28.144 ug/L
RT: 8.073 min Scan# 1011
Delta R.T. 0.006 min
Lab File: VW024968.D
Acq: 24 Oct 2022 16:19

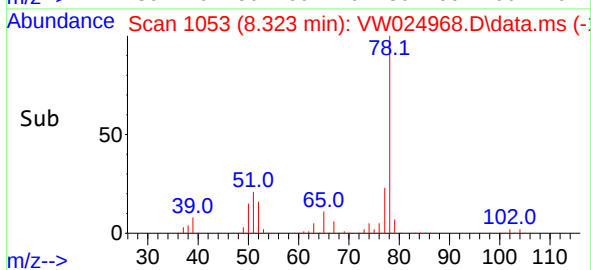
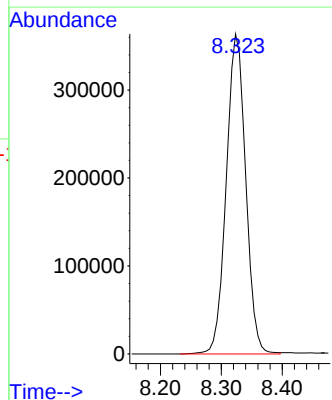
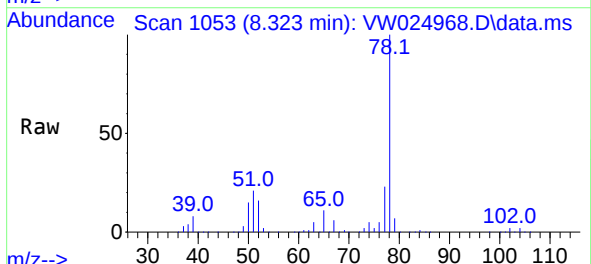
Instrument :
MSVOA_W
ClientSampleId :
GBLN3MS

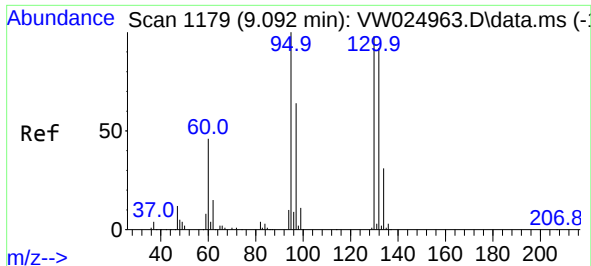
Tgt Ion:117 Resp: 239216
Ion Ratio Lower Upper
117 100
119 95.4 75.1 112.7



#33
Benzene
Concen: 28.159 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW024968.D
Acq: 24 Oct 2022 16:19

Tgt Ion: 78 Resp: 806399

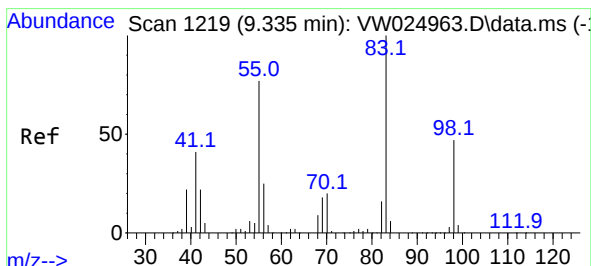
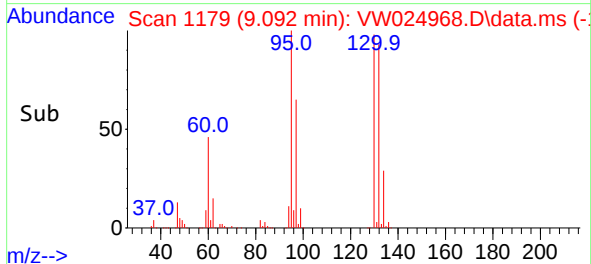
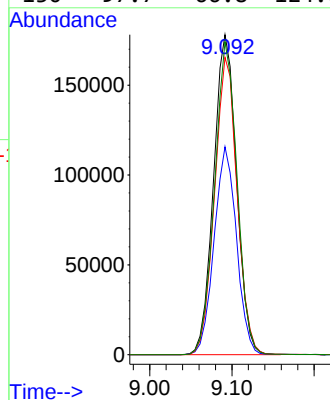
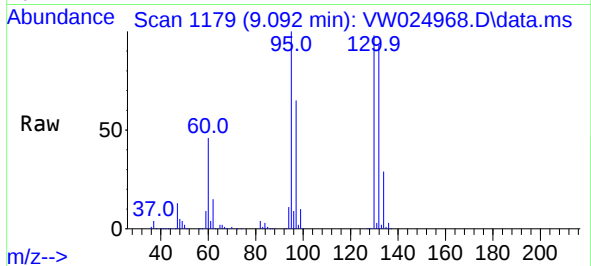




#34
Trichloroethene
Concen: 47.793 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW024968.D
Acq: 24 Oct 2022 16:19

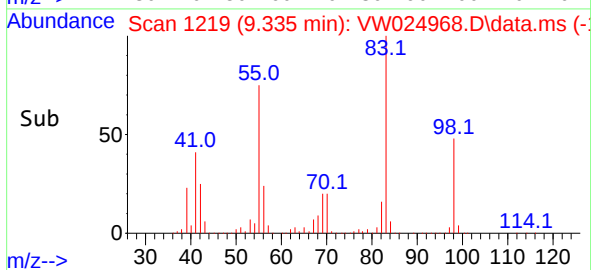
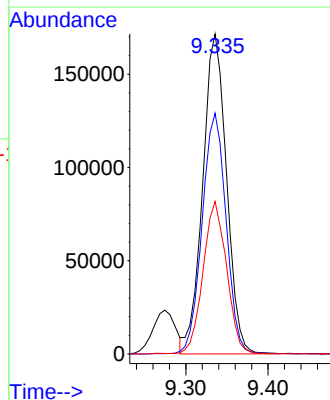
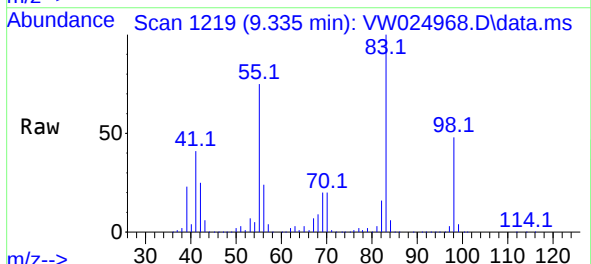
Instrument :
MSVOA_W
ClientSampleId :
GBLN3MS

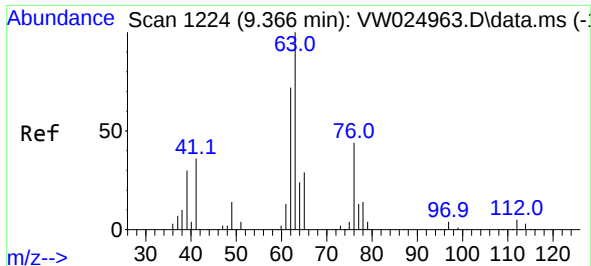
Tgt Ion: 95 Resp: 344683
Ion Ratio Lower Upper
95 100
97 64.9 44.2 82.0
132 92.9 62.9 116.7
130 97.7 66.8 124.0



#35
Methylcyclohexane
Concen: 26.642 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VW024968.D
Acq: 24 Oct 2022 16:19

Tgt Ion: 83 Resp: 345806
Ion Ratio Lower Upper
83 100
55 75.7 62.5 93.7
98 47.1 37.2 55.8





#37

1,2-Dichloropropane

Concen: 28.921 ug/L

RT: 9.366 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW024968.D

Acq: 24 Oct 2022 16:19

Instrument :

MSVOA_W

ClientSampleId :

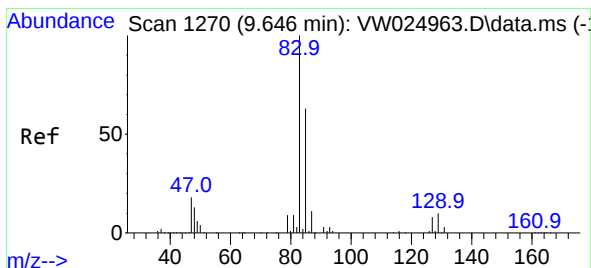
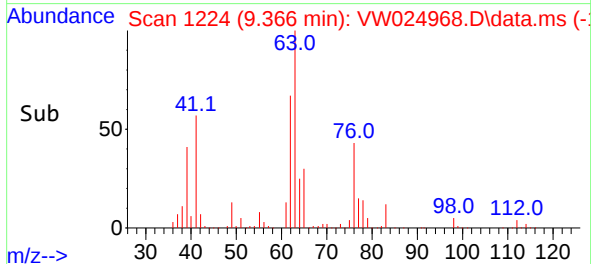
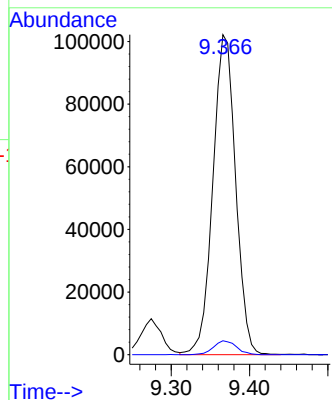
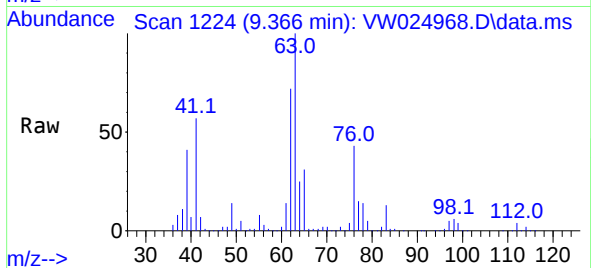
GBLN3MS

Tgt Ion: 63 Resp: 206403

Ion Ratio Lower Upper

63 100

112 4.4 3.4 5.2



#38

Bromodichloromethane

Concen: 29.652 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. -0.000 min

Lab File: VW024968.D

Acq: 24 Oct 2022 16:19

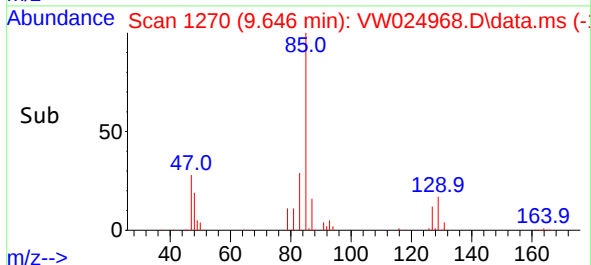
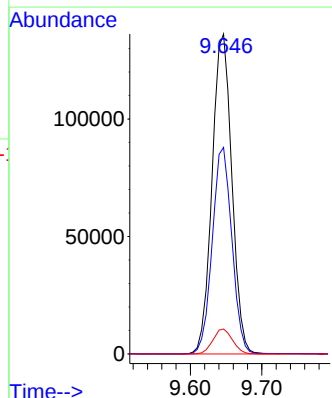
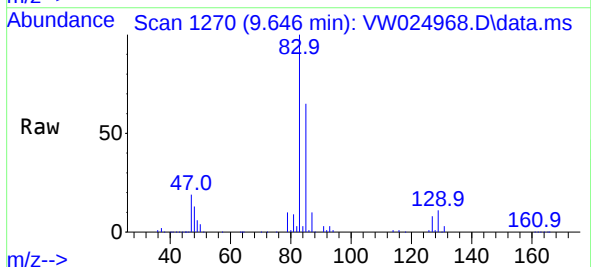
Tgt Ion: 83 Resp: 261475

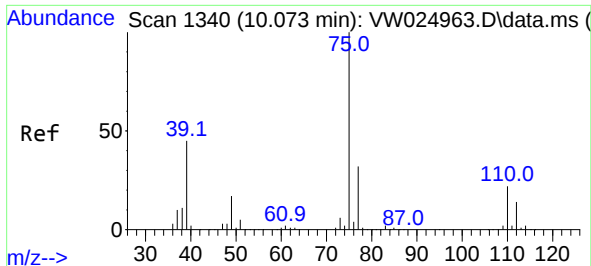
Ion Ratio Lower Upper

83 100

85 64.6 43.6 81.0

127 7.8 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 31.326 ug/L

RT: 10.073 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW024968.D

Acq: 24 Oct 2022 16:19

Instrument :

MSVOA_W

ClientSampleId :

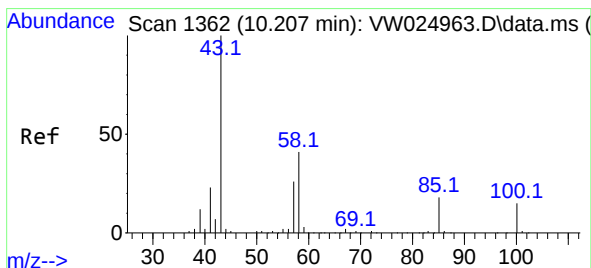
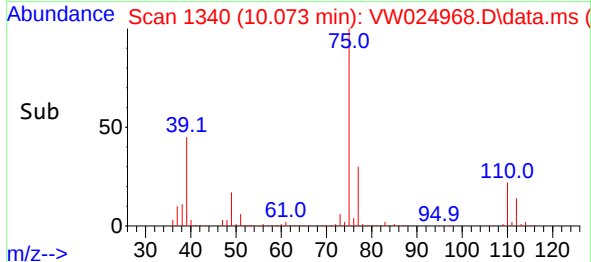
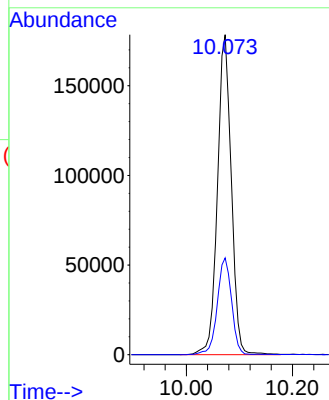
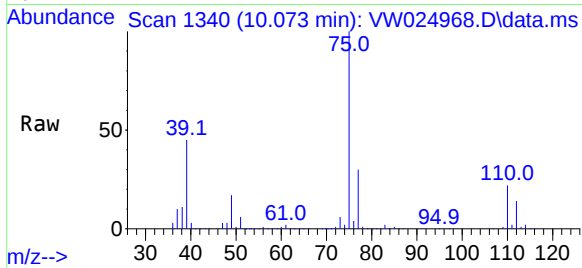
GBLN3MS

Tgt Ion: 75 Resp: 323158

Ion Ratio Lower Upper

75 100

77 30.3 21.9 40.7



#40

4-Methyl-2-pentanone

Concen: 85.956 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VW024968.D

Acq: 24 Oct 2022 16:19

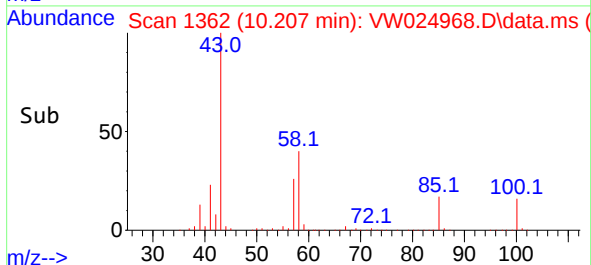
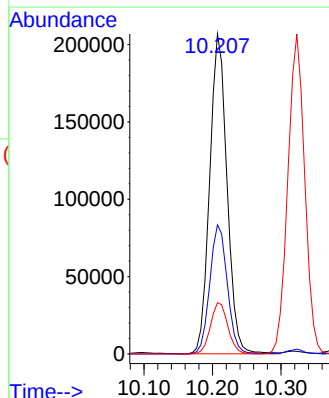
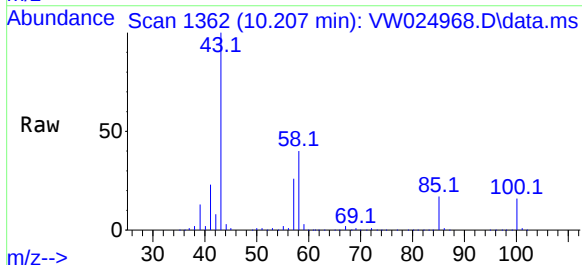
Tgt Ion: 43 Resp: 362582

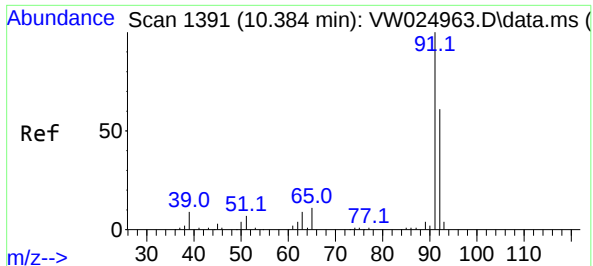
Ion Ratio Lower Upper

43 100

58 40.9 32.1 48.1

100 16.1 12.8 19.2





#42

Toluene

Concen: 28.587 ug/L

RT: 10.384 min Scan# 1391

Delta R.T. -0.000 min

Lab File: VW024968.D

Acq: 24 Oct 2022 16:19

Instrument :

MSVOA_W

ClientSampleId :

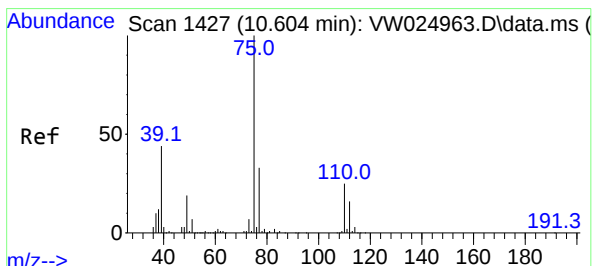
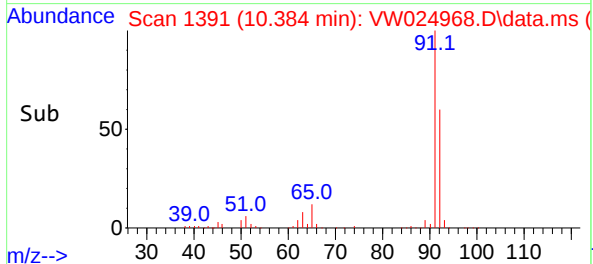
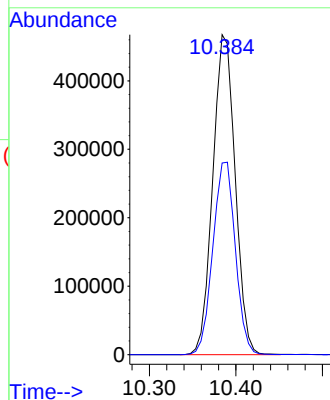
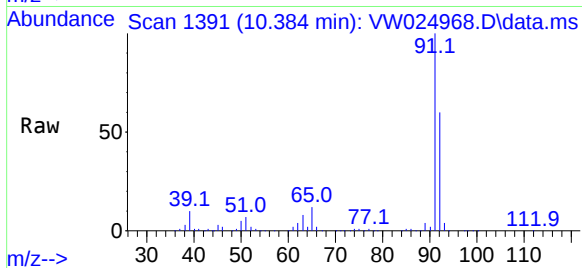
GBLN3MS

Tgt Ion: 91 Resp: 839352

Ion Ratio Lower Upper

91 100

92 59.9 41.5 77.1



#44

trans-1,3-Dichloropropene

Concen: 34.066 ug/L

RT: 10.604 min Scan# 1427

Delta R.T. 0.000 min

Lab File: VW024968.D

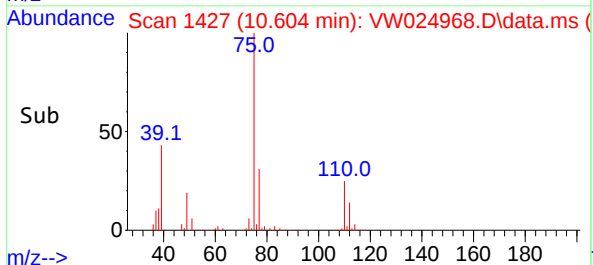
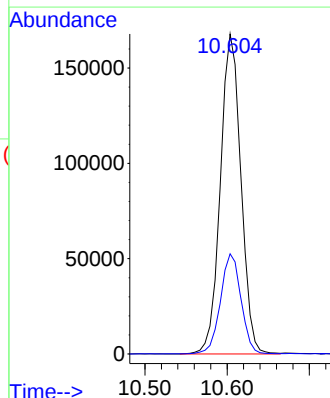
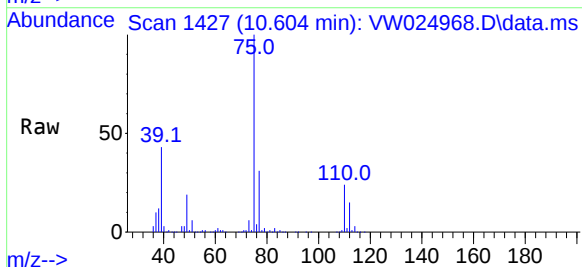
Acq: 24 Oct 2022 16:19

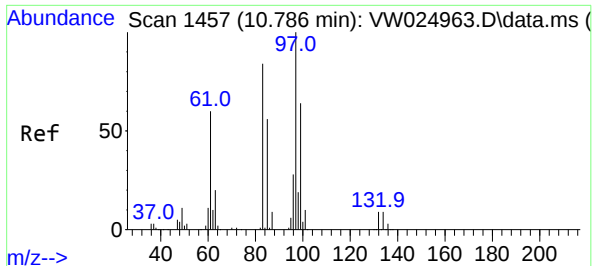
Tgt Ion: 75 Resp: 291762

Ion Ratio Lower Upper

75 100

77 31.3 23.0 42.6





#45

1,1,2-Trichloroethane

Concen: 33.452 ug/L

RT: 10.786 min Scan# 1457

Delta R.T. -0.000 min

Lab File: VW024968.D

Acq: 24 Oct 2022 16:19

Instrument :

MSVOA_W

ClientSampleId :

GBLN3MS

Tgt Ion: 97 Resp: 166763

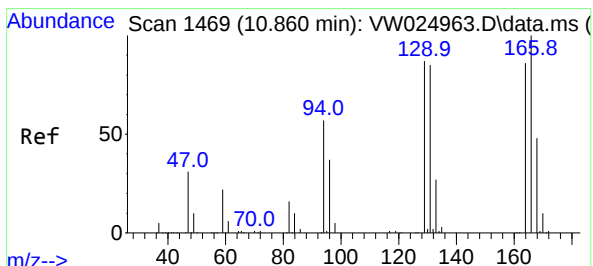
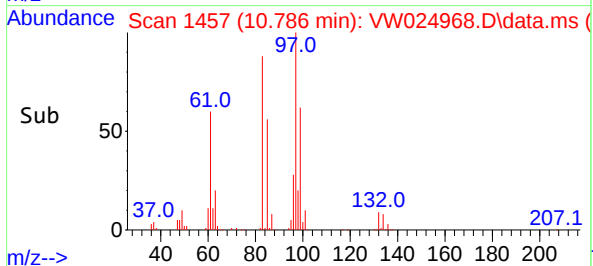
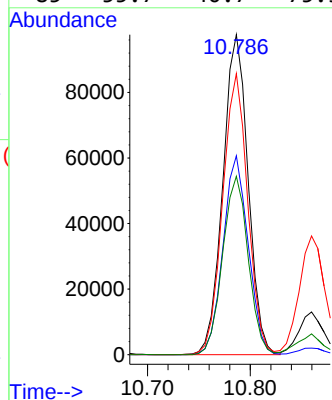
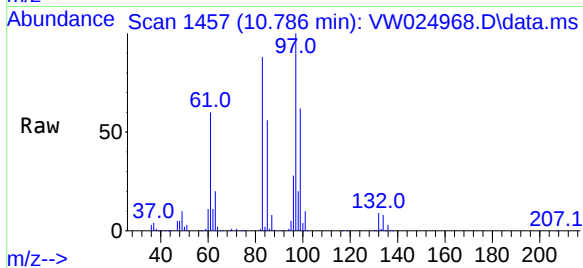
Ion Ratio Lower Upper

97 100

99 62.1 44.7 83.1

83 87.8 59.6 110.8

85 55.7 40.7 75.5



#46

Tetrachloroethene

Concen: 442.746 ug/L

RT: 10.860 min Scan# 1469

Delta R.T. 0.000 min

Lab File: VW024968.D

Acq: 24 Oct 2022 16:19

Tgt Ion:164 Resp: 2171121

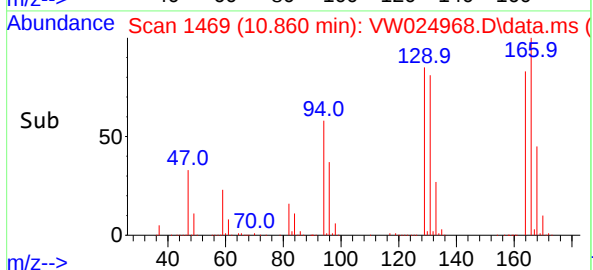
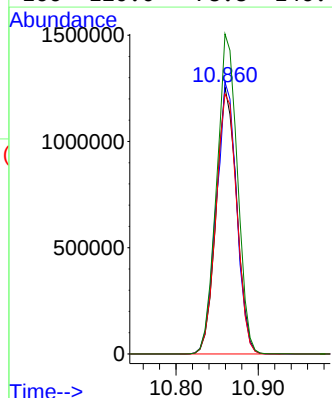
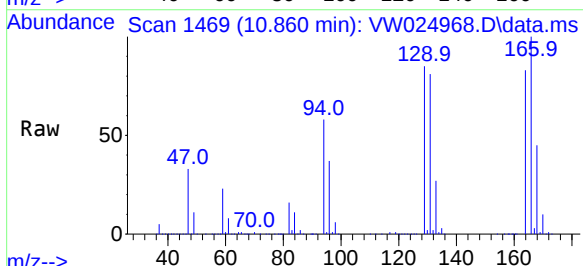
Ion Ratio Lower Upper

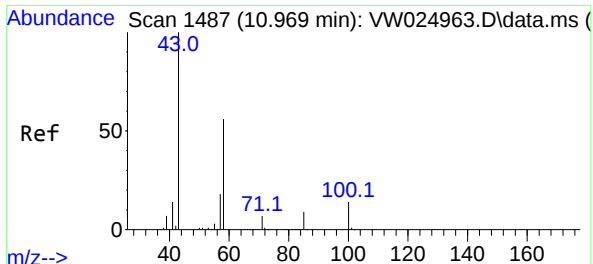
164 100

129 102.0 78.7 146.1

131 97.6 71.1 132.1

166 120.0 78.8 146.4





#48

2-Hexanone

Concen: 88.489 ug/L

RT: 10.969 min Scan# 1487

Delta R.T. -0.000 min

Lab File: VW024968.D

Acq: 24 Oct 2022 16:19

Instrument :

MSVOA_W

ClientSampleId :

GBLN3MS

Tgt Ion: 43 Resp: 253082

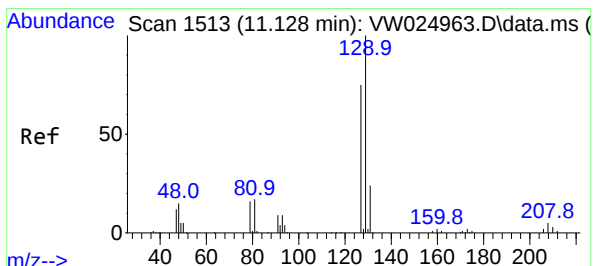
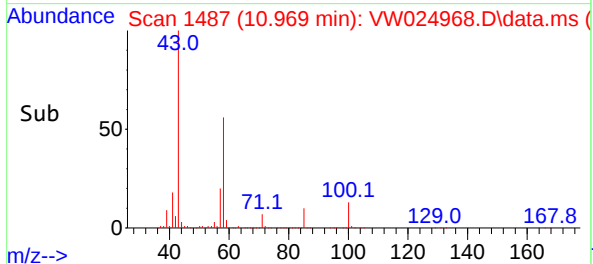
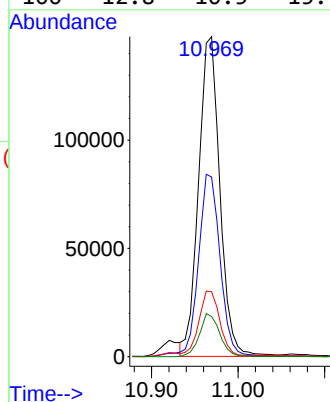
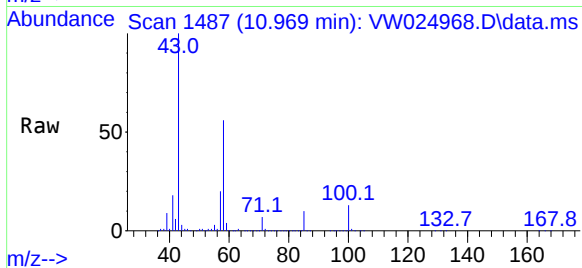
Ion Ratio Lower Upper

43 100

58 58.2 47.0 70.6

57 19.7 16.0 24.0

100 12.8 10.5 15.7



#49

Dibromochloromethane

Concen: 32.535 ug/L

RT: 11.128 min Scan# 1513

Delta R.T. -0.000 min

Lab File: VW024968.D

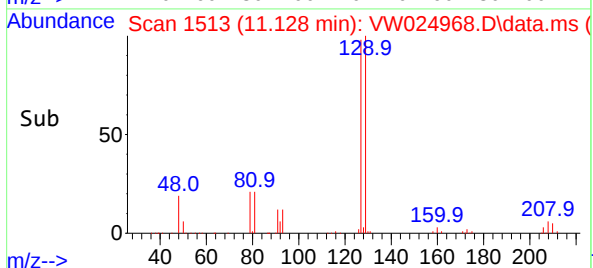
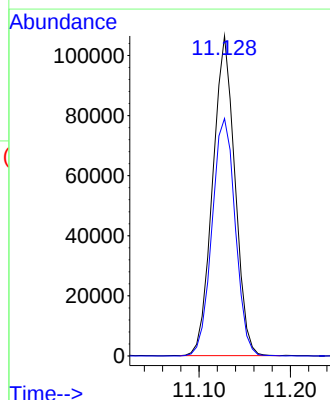
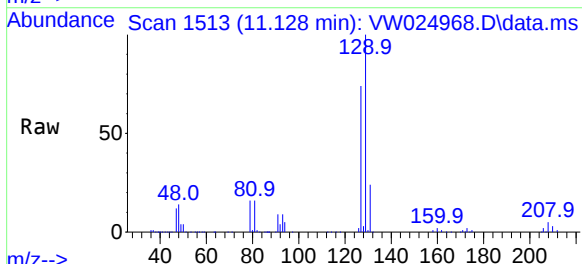
Acq: 24 Oct 2022 16:19

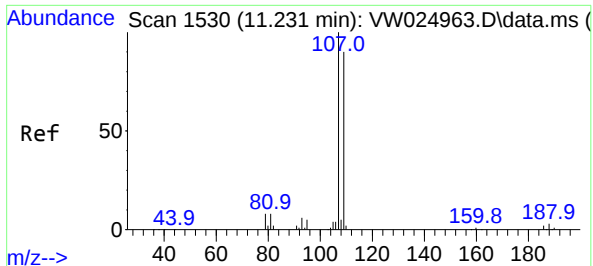
Tgt Ion:129 Resp: 179545

Ion Ratio Lower Upper

129 100

127 74.2 53.9 100.1





#50

1,2-Dibromoethane

Concen: 34.258 ug/L

RT: 11.231 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW024968.D

Acq: 24 Oct 2022 16:19

Instrument :

MSVOA_W

ClientSampleId :

GBLN3MS

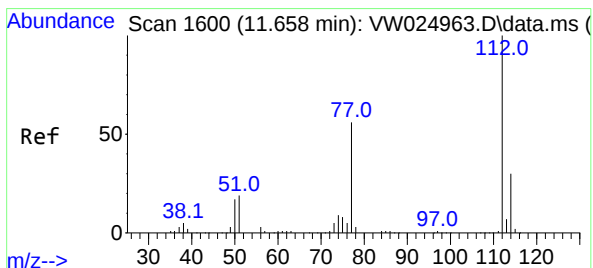
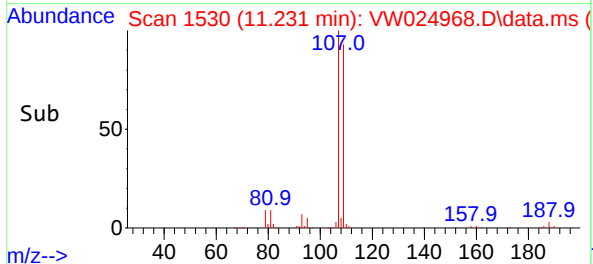
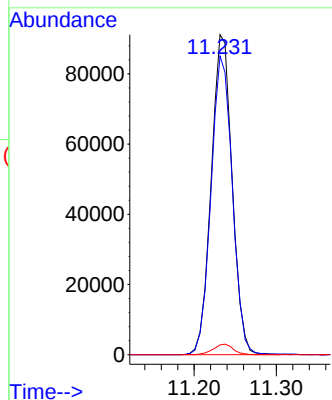
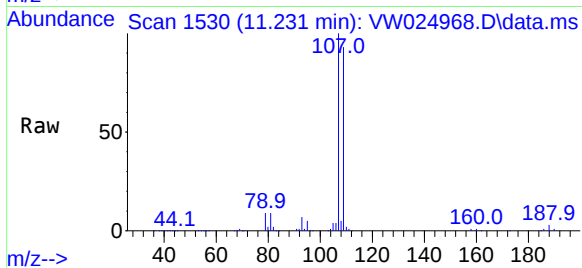
Tgt Ion:107 Resp: 160881

Ion Ratio Lower Upper

107 100

109 93.3 62.8 116.6

188 3.0 2.2 3.2



#51

Chlorobenzene

Concen: 27.750 ug/L

RT: 11.658 min Scan# 1600

Delta R.T. -0.000 min

Lab File: VW024968.D

Acq: 24 Oct 2022 16:19

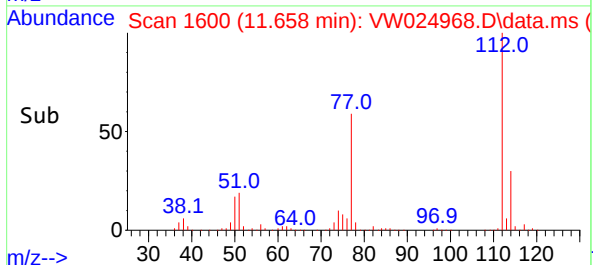
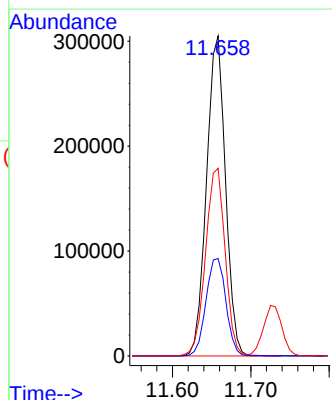
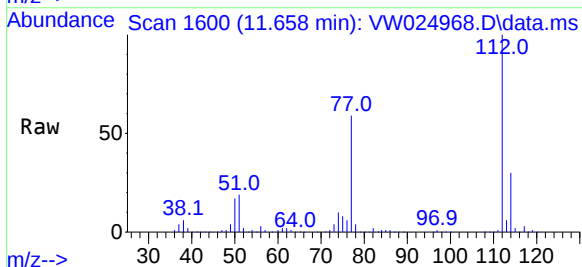
Tgt Ion:112 Resp: 512101

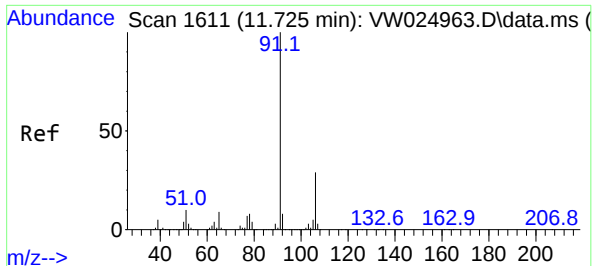
Ion Ratio Lower Upper

112 100

114 30.4 22.7 42.3

77 58.7 49.8 74.8

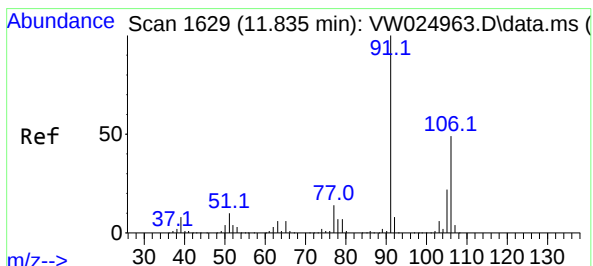
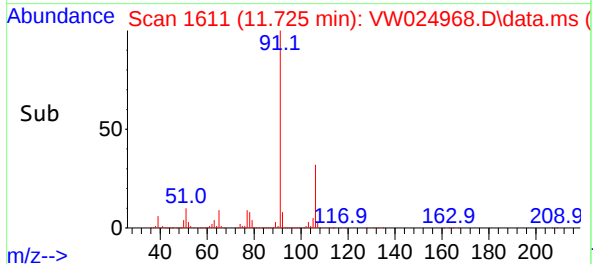
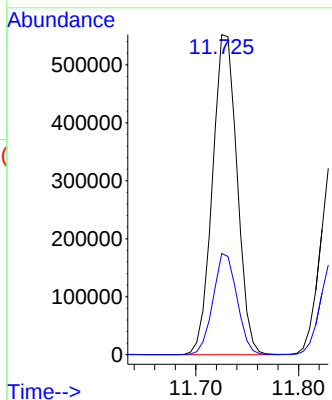
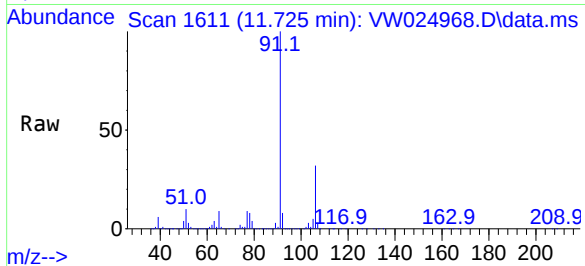




#52
Ethylbenzene
Concen: 27.953 ug/L
RT: 11.725 min Scan# 1611
Delta R.T. 0.000 min
Lab File: VW024968.D
Acq: 24 Oct 2022 16:19

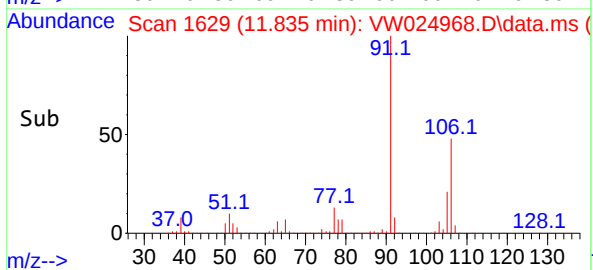
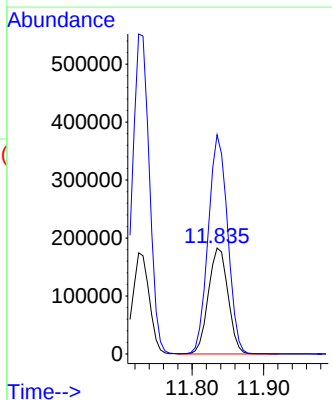
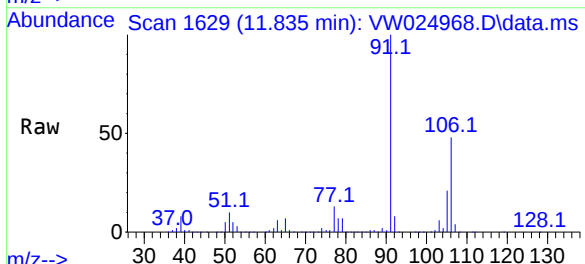
Instrument :
MSVOA_W
ClientSampleId :
GBLN3MS

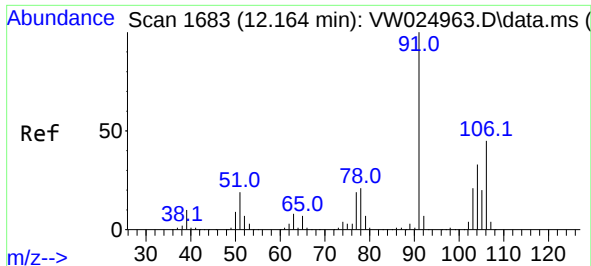
Tgt Ion: 91 Resp: 919071
Ion Ratio Lower Upper
91 100
106 31.6 20.1 37.3



#53
m,p-Xylene
Concen: 27.951 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VW024968.D
Acq: 24 Oct 2022 16:19

Tgt Ion:106 Resp: 349150
Ion Ratio Lower Upper
106 100
91 206.9 147.4 273.8

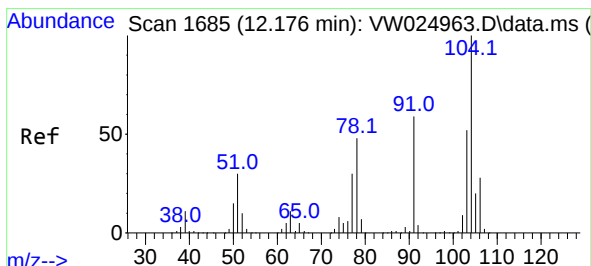
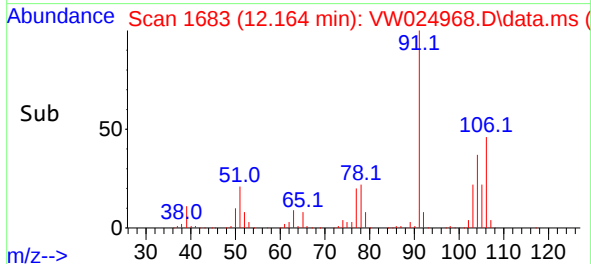
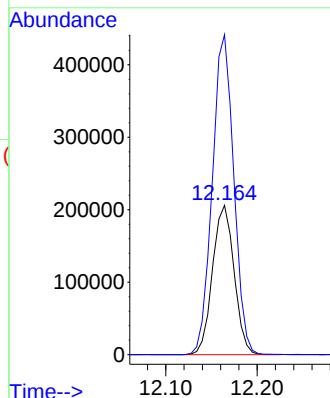
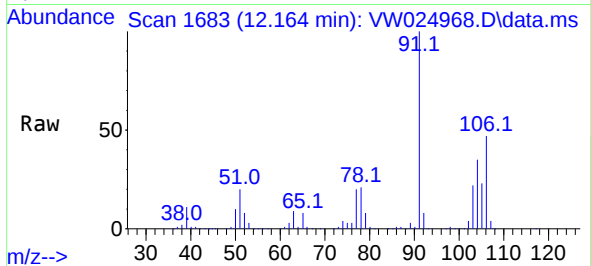




#54
o-Xylene
Concen: 28.410 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW024968.D
Acq: 24 Oct 2022 16:19

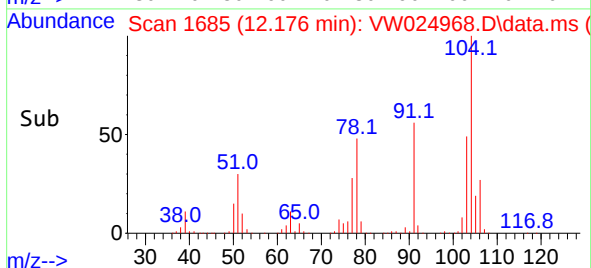
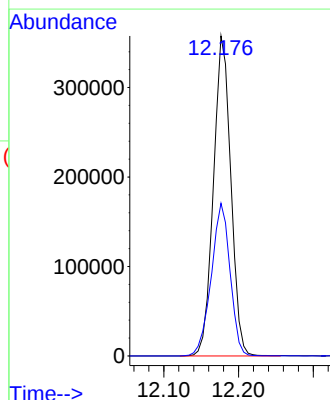
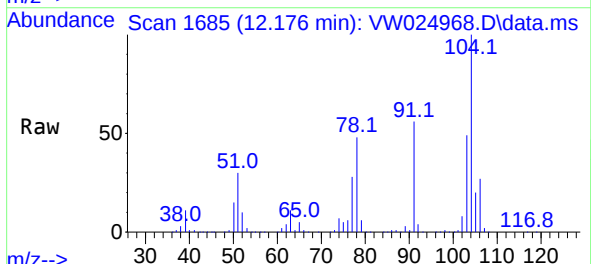
Instrument :
MSVOA_W
ClientSampleId :
GBLN3MS

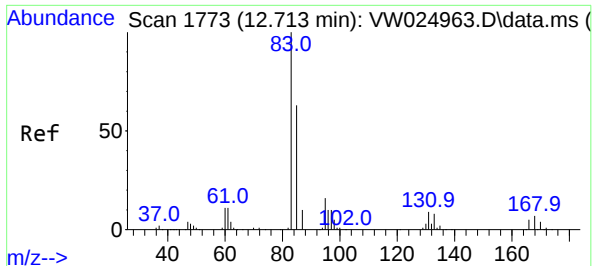
Tgt Ion:106 Resp: 337903
Ion Ratio Lower Upper
106 100
91 214.3 151.0 280.4



#55
Styrene
Concen: 28.428 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VW024968.D
Acq: 24 Oct 2022 16:19

Tgt Ion:104 Resp: 579927
Ion Ratio Lower Upper
104 100
78 47.7 32.6 60.5

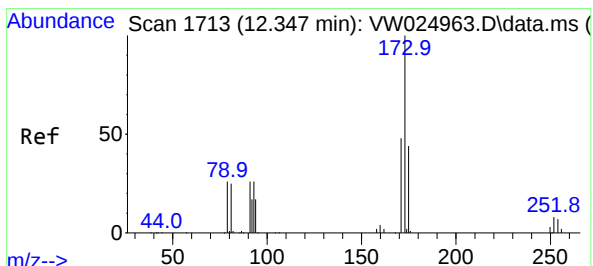
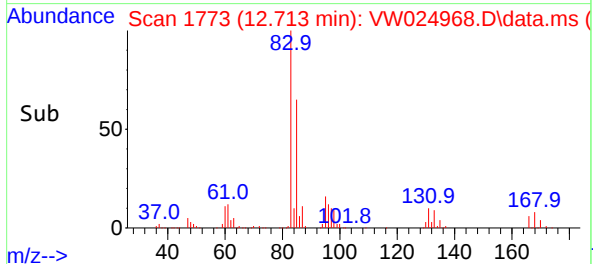
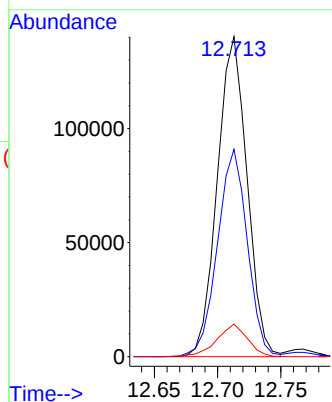
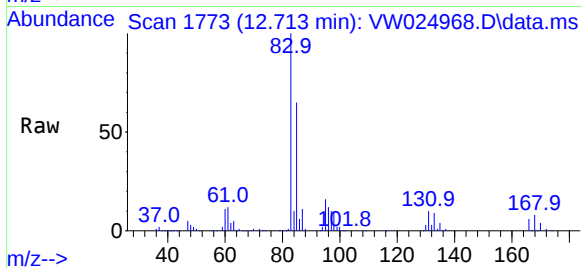




#57
1,1,2-Tetrachloroethane
Concen: 37.716 ug/L
RT: 12.713 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW024968.D
Acq: 24 Oct 2022 16:19

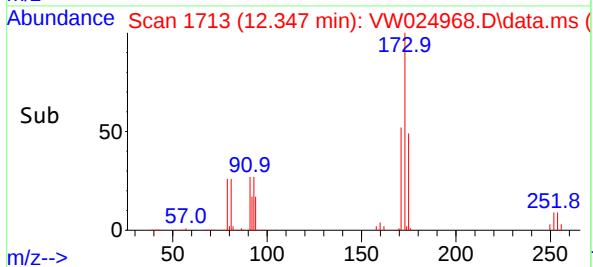
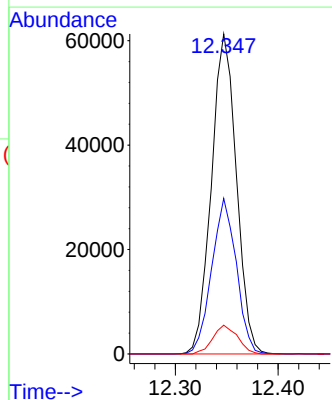
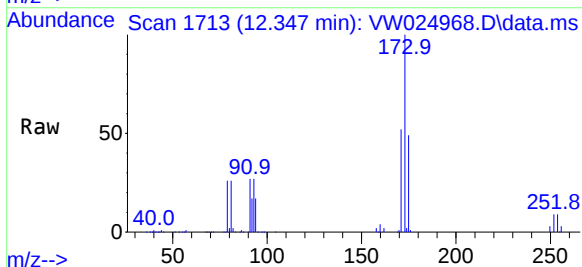
Instrument :
MSVOA_W
ClientSampleId :
GBLN3MS

Tgt Ion: 83 Resp: 229389
Ion Ratio Lower Upper
83 100
85 64.8 44.5 82.7
131 10.2 6.8 10.2#

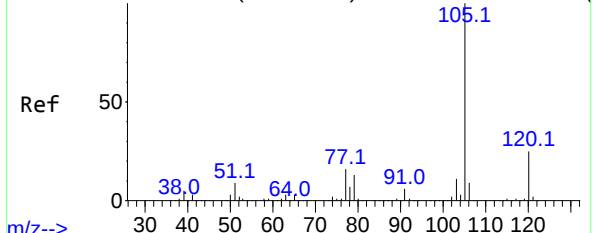


#59
Bromoform
Concen: 36.738 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. -0.000 min
Lab File: VW024968.D
Acq: 24 Oct 2022 16:19

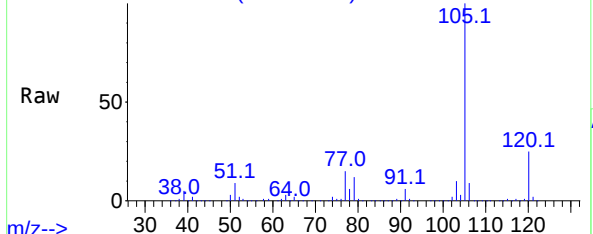
Tgt Ion:173 Resp: 103474
Ion Ratio Lower Upper
173 100
175 47.9 38.6 58.0
254 8.9 4.8 7.2#



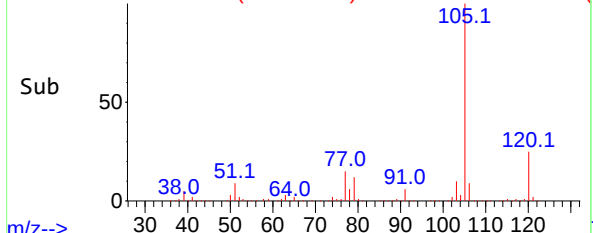
Abundance Scan 1732 (12.463 min): VW024963.D\data.ms (



m/z--> Abundance Scan 1732 (12.463 min): VW024968.D\data.ms



m/z--> Abundance Scan 1732 (12.463 min): VW024968.D\data.ms (



m/z-->

#60

Isopropylbenzene

Concen: 26.031 ug/L

RT: 12.463 min Scan# 1732

Delta R.T. -0.000 min

Lab File: VW024968.D

Acq: 24 Oct 2022 16:19

Instrument :

MSVOA_W

ClientSampleId :

GBLN3MS

Tgt Ion:105 Resp: 883853

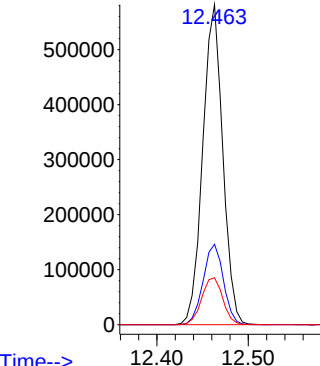
Ion Ratio Lower Upper

105 100

120 25.5 20.5 30.7

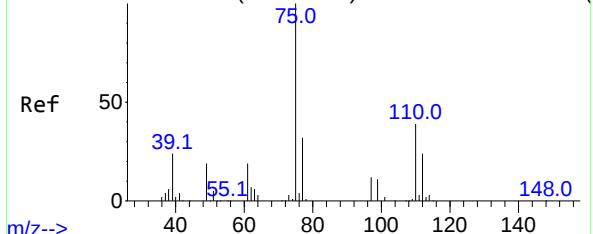
77 15.5 12.6 19.0

Abundance

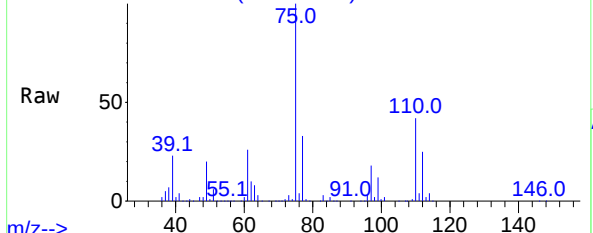


Time-->

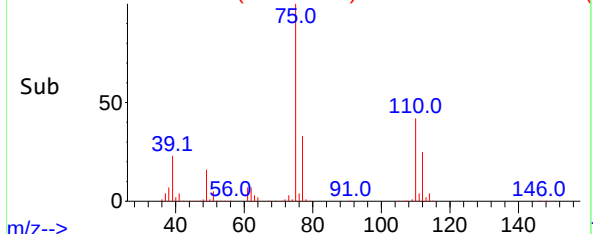
Abundance Scan 1782 (12.768 min): VW024963.D\data.ms (



m/z--> Abundance Scan 1782 (12.768 min): VW024968.D\data.ms



m/z--> Abundance Scan 1782 (12.768 min): VW024968.D\data.ms (



m/z-->

#61

1,2,3-Trichloropropane

Concen: 37.110 ug/L

RT: 12.768 min Scan# 1782

Delta R.T. -0.000 min

Lab File: VW024968.D

Acq: 24 Oct 2022 16:19

Tgt Ion: 75 Resp: 171753

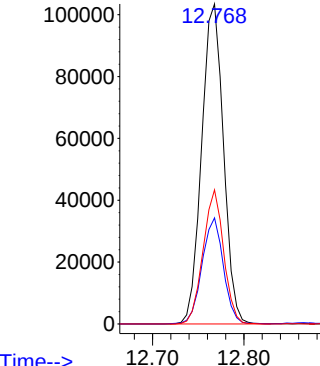
Ion Ratio Lower Upper

75 100

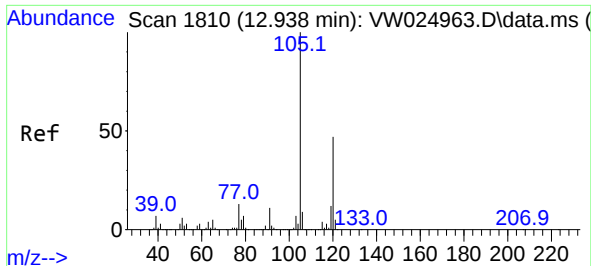
77 32.5 26.4 39.6

110 39.4 30.8 46.2

Abundance



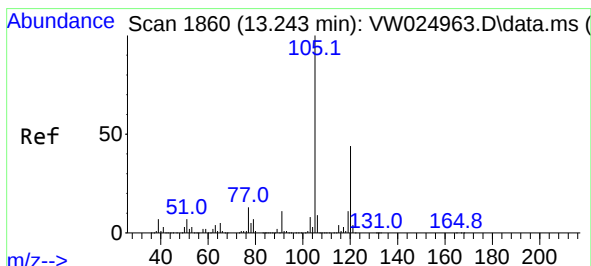
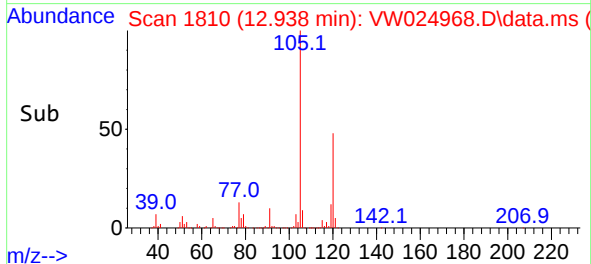
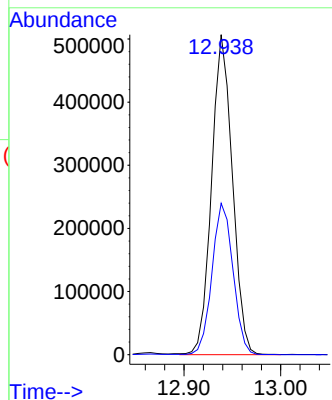
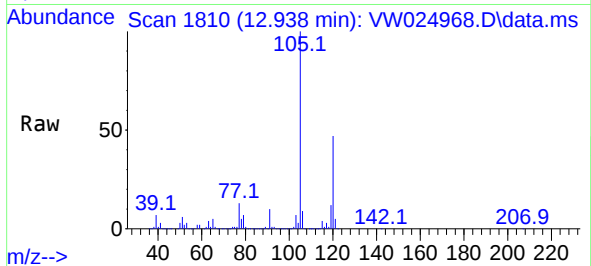
Time-->



#62
1,3,5-Trimethylbenzene
Concen: 25.997 ug/L
RT: 12.938 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VW024968.D
Acq: 24 Oct 2022 16:19

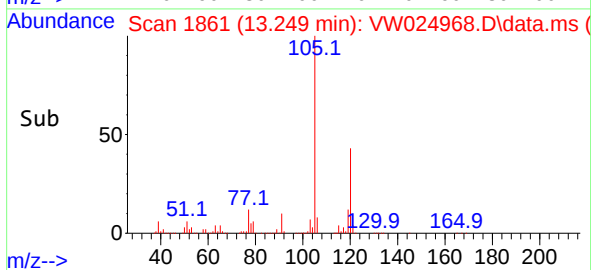
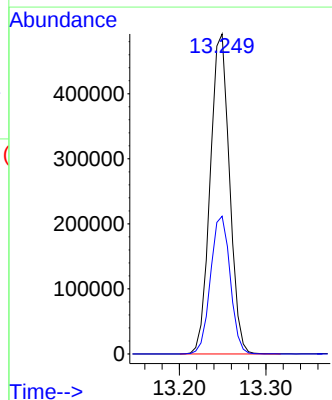
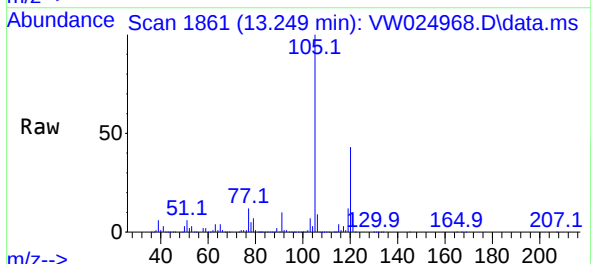
Instrument :
MSVOA_W
ClientSampleId :
GBLN3MS

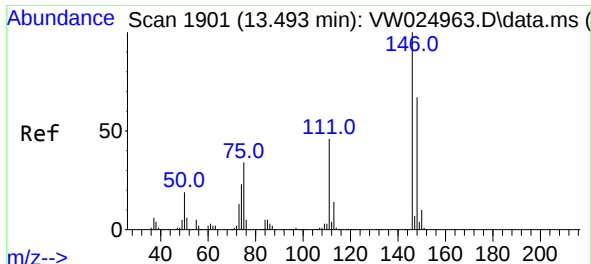
Tgt Ion:105 Resp: 757844
Ion Ratio Lower Upper
105 100
120 47.7 38.1 57.1



#63
1,2,4-Trimethylbenzene
Concen: 27.077 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.006 min
Lab File: VW024968.D
Acq: 24 Oct 2022 16:19

Tgt Ion:105 Resp: 761066
Ion Ratio Lower Upper
105 100
120 43.8 34.8 52.2

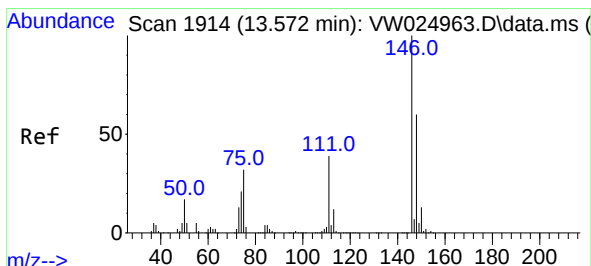
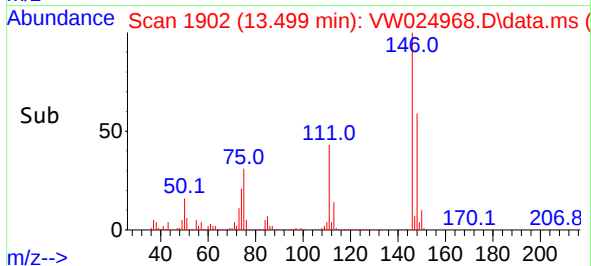
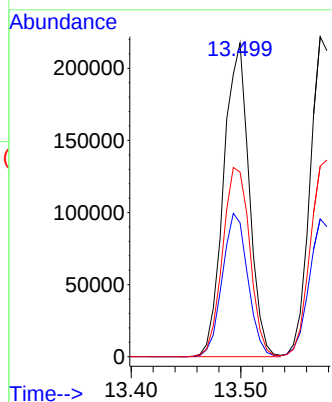
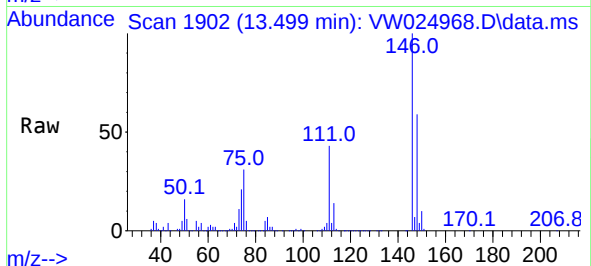




#64
1,3-Dichlorobenzene
Concen: 25.393 ug/L
RT: 13.499 min Scan# 1901
Delta R.T. 0.006 min
Lab File: VW024968.D
Acq: 24 Oct 2022 16:19

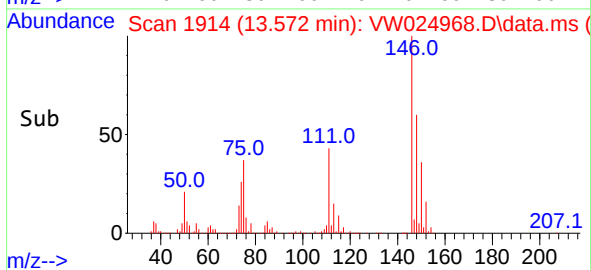
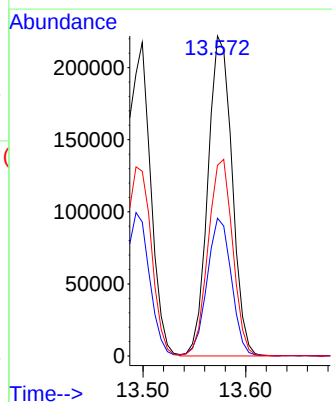
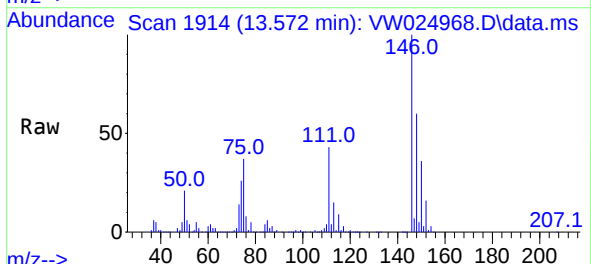
Instrument :
MSVOA_W
ClientSampleId :
GBLN3MS

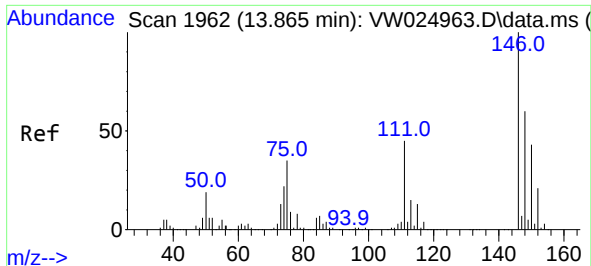
Tgt Ion:146 Resp: 351139
Ion Ratio Lower Upper
146 100
111 42.7 31.7 58.9
148 58.9 45.5 84.5



#65
1,4-Dichlorobenzene
Concen: 25.895 ug/L
RT: 13.572 min Scan# 1914
Delta R.T. -0.000 min
Lab File: VW024968.D
Acq: 24 Oct 2022 16:19

Tgt Ion:146 Resp: 362461
Ion Ratio Lower Upper
146 100
111 43.0 27.4 50.8
148 59.5 42.8 79.6





#67

1,2-Dichlorobenzene

Concen: 27.100 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. -0.000 min

Lab File: VW024968.D

Acq: 24 Oct 2022 16:19

Instrument :

MSVOA_W

ClientSampleId :

GBLN3MS

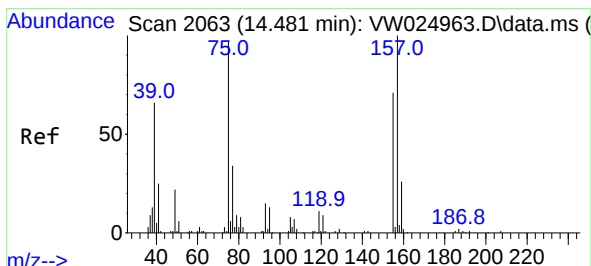
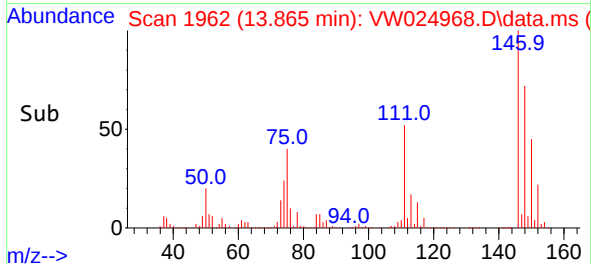
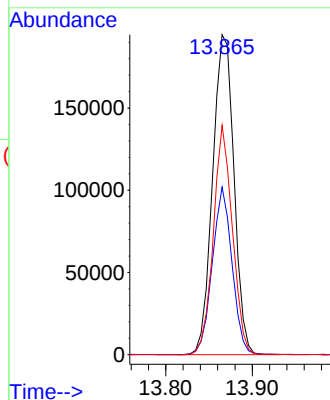
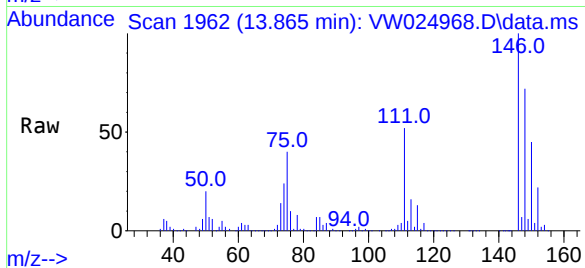
Tgt Ion:146 Resp: 333083

Ion Ratio Lower Upper

146 100

111 52.3 36.9 55.3

148 71.7 50.0 75.0



#68

1,2-Dibromo-3-chloropropane

Concen: 39.794 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VW024968.D

Acq: 24 Oct 2022 16:19

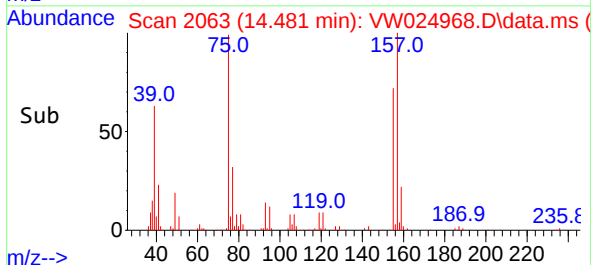
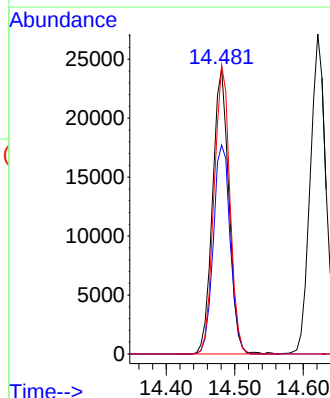
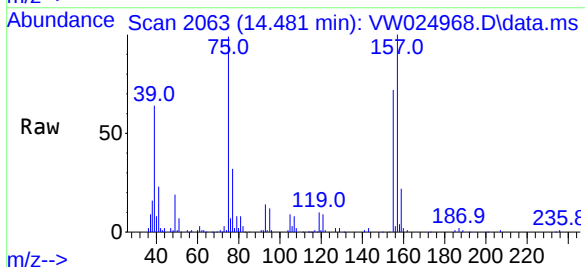
Tgt Ion: 75 Resp: 40033

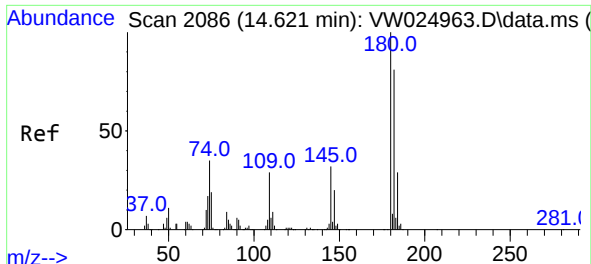
Ion Ratio Lower Upper

75 100

155 73.3 56.2 84.4

157 101.2 74.6 111.8





#69

1,3,5-Trichlorobenzene

Concen: 23.550 ug/L

RT: 14.627 min Scan# 2086

Delta R.T. 0.006 min

Lab File: VW024968.D

Acq: 24 Oct 2022 16:19

Instrument :

MSVOA_W

ClientSampleId :

GBLN3MS

Tgt Ion:180 Resp: 212620

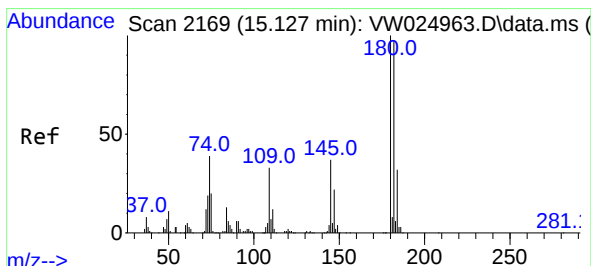
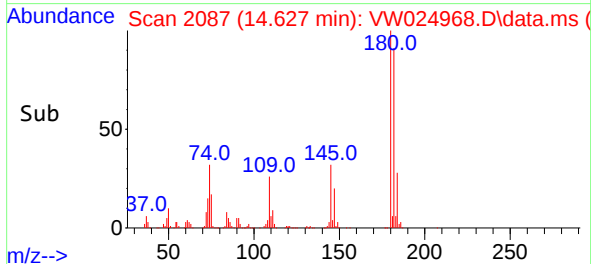
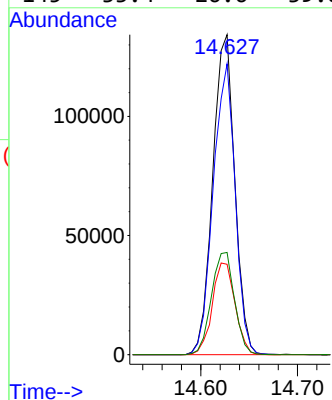
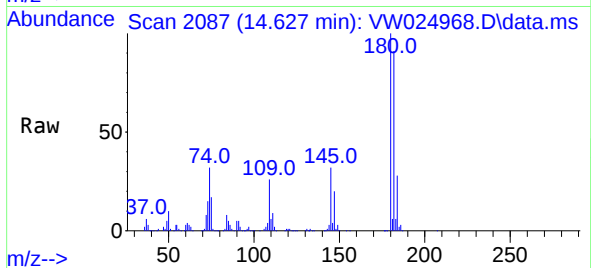
Ion Ratio Lower Upper

180 100

182 90.8 75.0 112.6

184 29.7 22.9 34.3

145 33.4 26.6 39.8



#70

1,2,4-trichlorobenzene

Concen: 23.429 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. -0.000 min

Lab File: VW024968.D

Acq: 24 Oct 2022 16:19

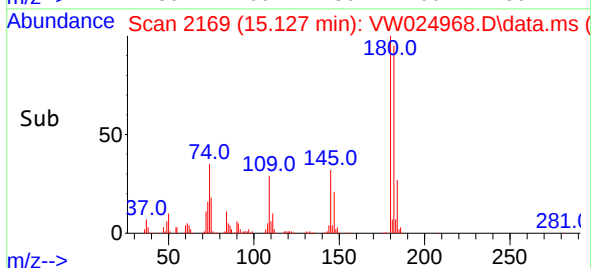
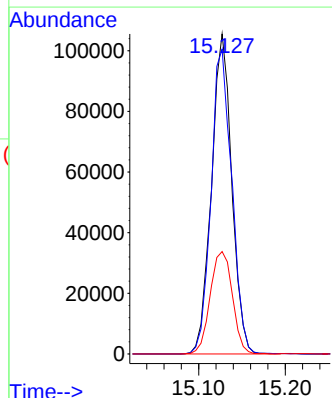
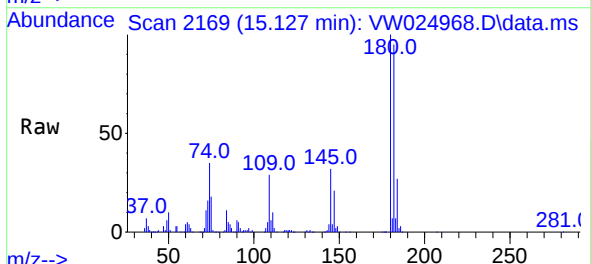
Tgt Ion:180 Resp: 171624

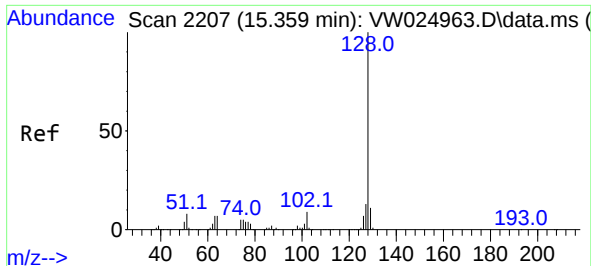
Ion Ratio Lower Upper

180 100

182 97.3 77.7 116.5

145 35.0 29.0 43.4

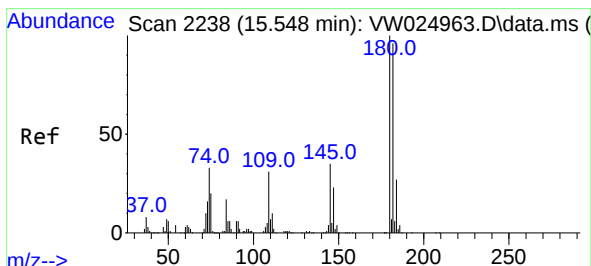
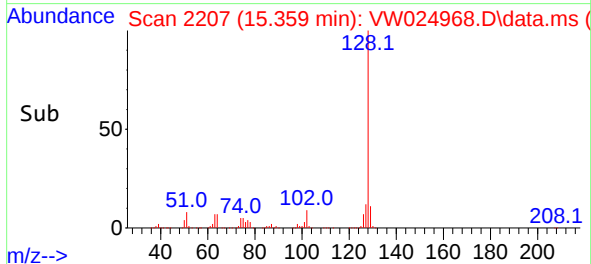
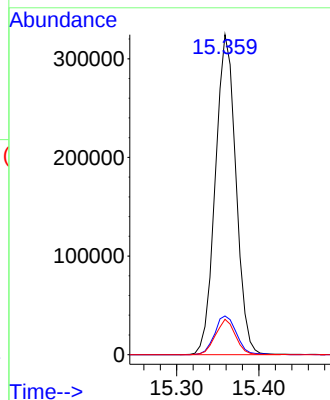
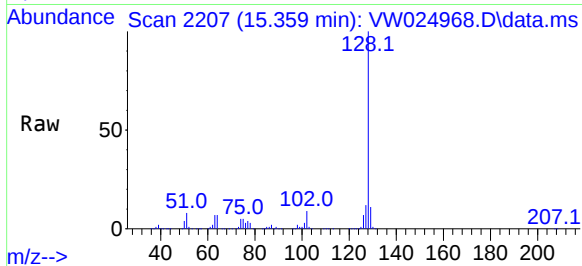




#71
Naphthalene
Concen: 35.604 ug/L
RT: 15.359 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW024968.D
Acq: 24 Oct 2022 16:19

Instrument :
MSVOA_W
ClientSampleId :
GBLN3MS

Tgt Ion:128 Resp: 565091
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.4
129 10.7 9.0 13.4



#72
1,2,3-Trichlorobenzene
Concen: 24.138 ug/L
RT: 15.548 min Scan# 2238
Delta R.T. 0.000 min
Lab File: VW024968.D
Acq: 24 Oct 2022 16:19

Tgt Ion:180 Resp: 150921
Ion Ratio Lower Upper
180 100
182 98.5 75.1 112.7
145 38.0 29.9 44.9

