

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080521\
 Data File : VW019682.D
 Acq On : 05 Aug 2021 14:51
 Operator : SY/VA
 Sample : M3264-03MSD
 Misc : 6.49g/10mL/MSVOA_W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GB642MSD

Quant Time: Aug 06 01:39:24 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Aug 06 01:35:48 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	496174	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	477066	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	254807	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	135961	19.340	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.360%
7) Chloroethane-d5	2.891	69	116718	23.282	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.120%
11) 1,1-Dichloroethene-d2	4.031	63	295976	21.820	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	87.280%
21) 2-Butanone-d5	7.080	46	127040	62.261	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	124.520%
24) Chloroform-d	7.653	84	340363	24.826	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.320%
26) 1,2-Dichloroethane-d4	8.305	65	217574	28.919	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	115.680%
32) Benzene-d6	8.281	84	660364	23.254	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.000%
36) 1,2-Dichloropropane-d6	9.274	67	209233	23.639	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.560%
41) Toluene-d8	10.323	98	603861	23.585	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.360%
43) trans-1,3-Dichloroprop...	10.579	79	103646	27.344	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	109.360%
47) 2-Hexanone-d5	10.927	63	111458	67.875	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	135.760%#
56) 1,1,2,2-Tetrachloroeth...	12.688	84	219611	30.706	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	122.840%#
66) 1,2-Dichlorobenzene-d4	13.853	152	232483	25.859	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.440%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.014	85	107095	18.120	ug/L	# 88
3) Chloromethane	2.221	50	133968	22.089	ug/L	100
5) Vinyl chloride	2.367	62	175048	20.970	ug/L	98
6) Bromomethane	2.788	94	75029	16.255	ug/L	98
8) Chloroethane	2.934	64	109202	24.577	ug/L	96
9) Trichlorofluoromethane	3.269	101	167640	33.059	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.074	101	156945	24.195	ug/L	97
12) 1,1-Dichloroethene	4.050	96	148166	22.874	ug/L	93
13) Acetone	4.123	43	81977	54.524	ug/L	91
14) Carbon disulfide	4.391	76	424976	20.488	ug/L	98
15) Methyl Acetate	4.672	43	87408	26.121	ug/L	98
16) Methylene chloride	4.928	84	216990	21.937	ug/L	98
17) trans-1,2-Dichloroethene	5.434	96	165502	23.495	ug/L	97
18) Methyl tert-butyl Ether	5.428	73	293309	30.138	ug/L	98
19) 1,1-Dichloroethane	6.220	63	317977	24.586	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	184627	24.781	ug/L	95
22) 2-Butanone	7.171	43	129667	55.737	ug/L	98
23) Bromochloromethane	7.519	128	89787	26.759	ug/L	97
25) Chloroform	7.677	83	330721	25.851	ug/L	98

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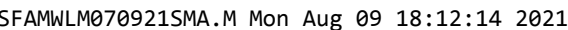
Instrument :
 MSVOA_W
 ClientSampleId :
 GB642MSD

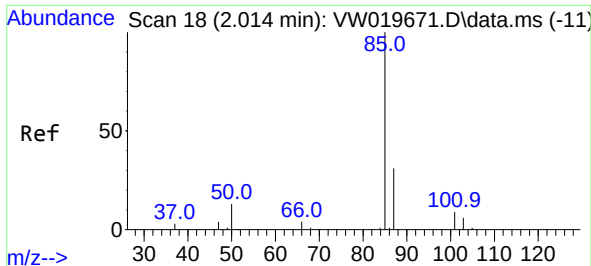
Quant Time: Aug 06 01:39:24 2021
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 Quant Title : SFAM01.0
 QLast Update : Fri Aug 06 01:35:48 2021
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	253381	29.438	ug/L	99
29) Cyclohexane	7.958	56	262410	21.449	ug/L	96
30) 1,1,1-Trichloroethane	7.872	97	251847	25.579	ug/L	99
31) Carbon tetrachloride	8.073	117	235549	25.713	ug/L	98
33) Benzene	8.323	78	707229	23.684	ug/L	100
34) Trichloroethene	9.092	95	178728	23.451	ug/L	95
35) Methylcyclohexane	9.335	83	307469	22.798	ug/L	96
37) 1,2-Dichloropropane	9.372	63	187332	24.756	ug/L	99
38) Bromodichloromethane	9.646	83	248126	26.443	ug/L	94
39) cis-1,3-Dichloropropene	10.073	75	299625	25.891	ug/L	97
40) 4-Methyl-2-pentanone	10.207	43	305221	63.906	ug/L	98
42) Toluene	10.390	91	776228	24.940	ug/L	99
44) trans-1,3-Dichloropropene	10.603	75	281388	27.643	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	156644	27.821	ug/L	96
46) Tetrachloroethene	10.866	164	136084	23.428	ug/L	94
48) 2-Hexanone	10.969	43	217523	66.869	ug/L	96
49) Dibromochloromethane	11.128	129	173560	28.663	ug/L	91
50) 1,2-Dibromoethane	11.237	107	152274	28.197	ug/L	99
51) Chlorobenzene	11.658	112	490339	25.054	ug/L	98
52) Ethylbenzene	11.731	91	829853	24.492	ug/L	99
53) m,p-Xylene	11.841	106	317048	24.760	ug/L	97
54) o-Xylene	12.164	106	308050	25.458	ug/L	93
55) Styrene	12.182	104	555298	26.486	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.713	83	210867	30.411	ug/L	99
59) Bromoform	12.347	173	100855	27.730	ug/L	98
60) Isopropylbenzene	12.463	105	823487	24.047	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	161554	28.943	ug/L	97
62) 1,3,5-Trimethylbenzene	12.944	105	696263	24.283	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	709265	24.550	ug/L	100
64) 1,3-Dichlorobenzene	13.499	146	373962	23.864	ug/L	90
65) 1,4-Dichlorobenzene	13.579	146	385829	24.917	ug/L	98
67) 1,2-Dichlorobenzene	13.871	146	363696	25.762	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	39256	32.228	ug/L	98
69) 1,3,5-Trichlorobenzene	14.627	180	265862	23.219	ug/L	100
70) 1,2,4-trichlorobenzene	15.133	180	231684	24.202	ug/L	99
71) Naphthalene	15.365	128	597591	30.908	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	220250	25.691	ug/L	97

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

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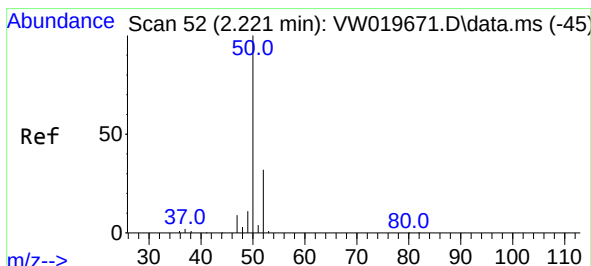
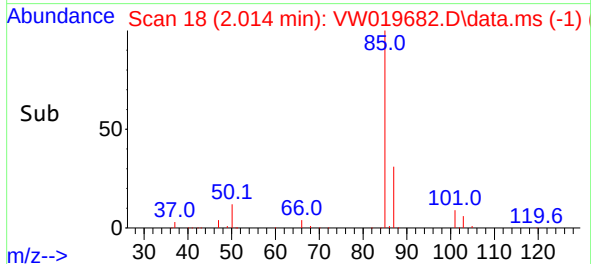
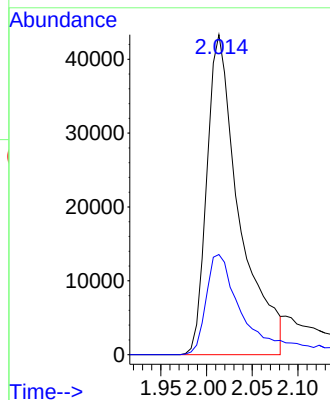
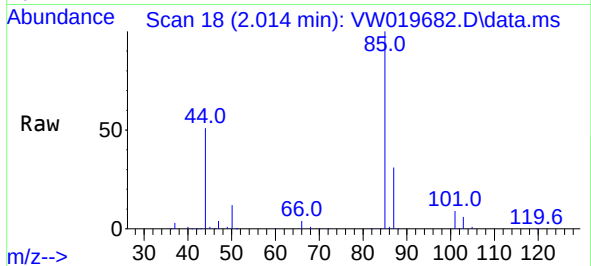




#2
Dichlorodifluoromethane
Concen: 18.120 ug/L
RT: 2.014 min Scan# 18
Delta R.T. 0.000 min
Lab File: VW019682.D
Acq: 05 Aug 2021 14:51

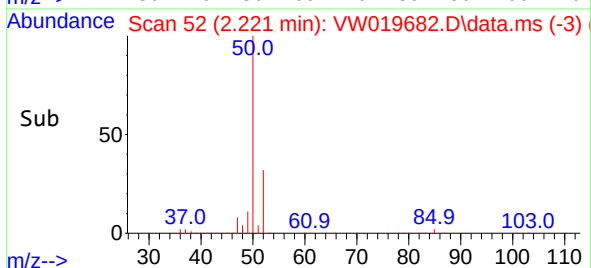
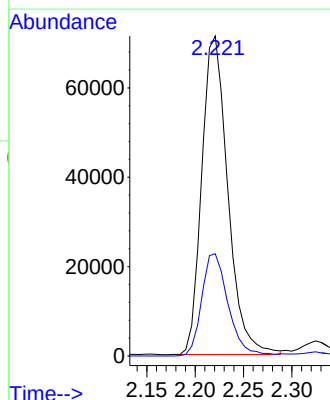
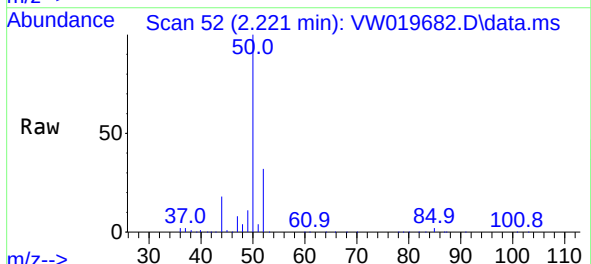
Instrument :
MSVOA_W
ClientSampled :
GB642MSD

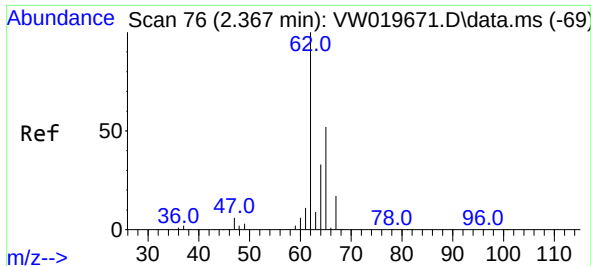
Tgt Ion: 85 Resp: 107095
Ion Ratio Lower Upper
85 100
87 35.5 23.3 34.9#



#3
Chloromethane
Concen: 22.089 ug/L
RT: 2.221 min Scan# 52
Delta R.T. 0.000 min
Lab File: VW019682.D
Acq: 05 Aug 2021 14:51

Tgt Ion: 50 Resp: 133968
Ion Ratio Lower Upper
50 100
52 32.0 22.5 41.9

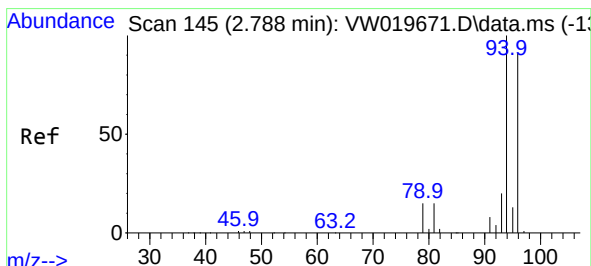
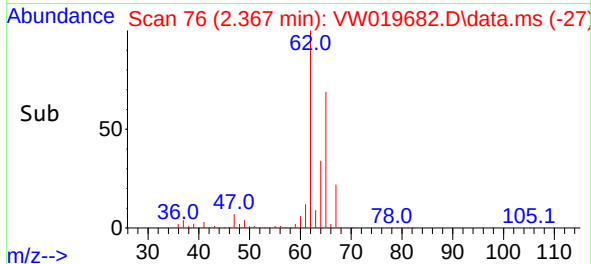
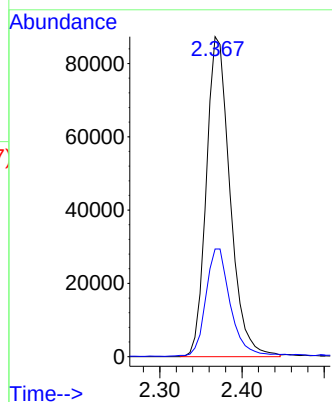
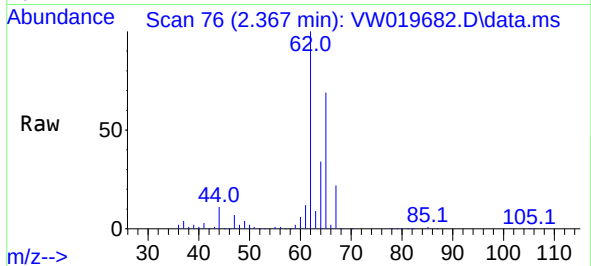




#5
 Vinyl chloride
 Concen: 20.970 ug/L
 RT: 2.367 min Scan# 76
 Delta R.T. 0.000 min
 Lab File: VW019682.D
 Acq: 05 Aug 2021 14:51

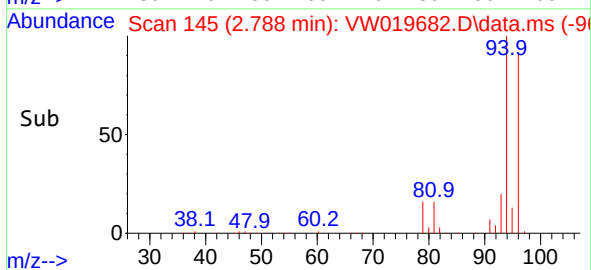
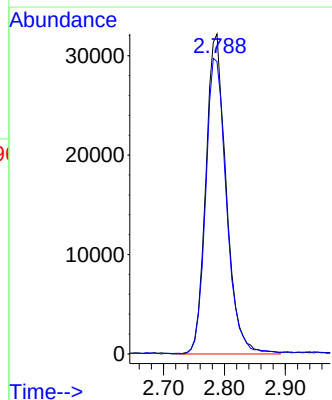
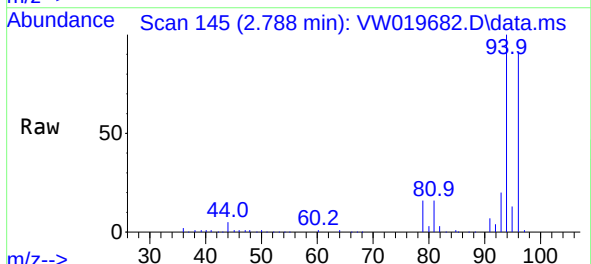
Instrument :
 MSVOA_W
 ClientSampled :
 GB642MSD

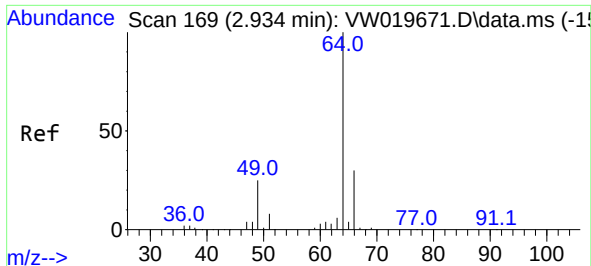
Tgt Ion: 62 Resp: 175048
 Ion Ratio Lower Upper
 62 100
 64 33.7 24.2 45.0



#6
 Bromomethane
 Concen: 16.255 ug/L
 RT: 2.788 min Scan# 145
 Delta R.T. 0.000 min
 Lab File: VW019682.D
 Acq: 05 Aug 2021 14:51

Tgt Ion: 94 Resp: 75029
 Ion Ratio Lower Upper
 94 100
 96 91.3 65.3 121.3

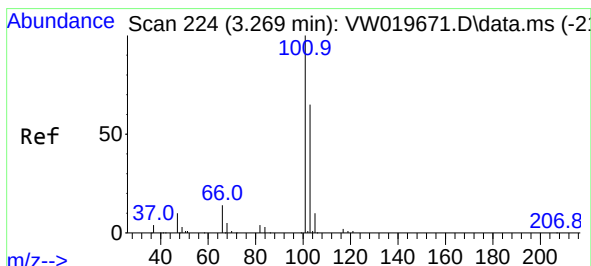
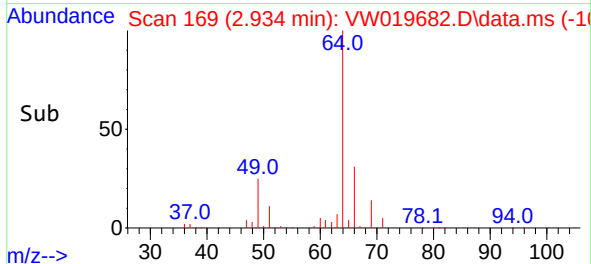
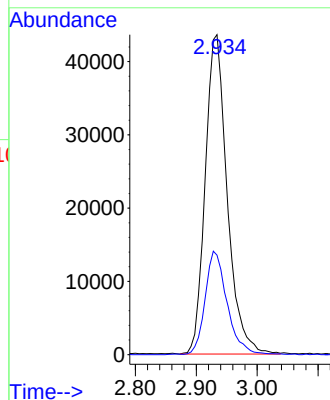
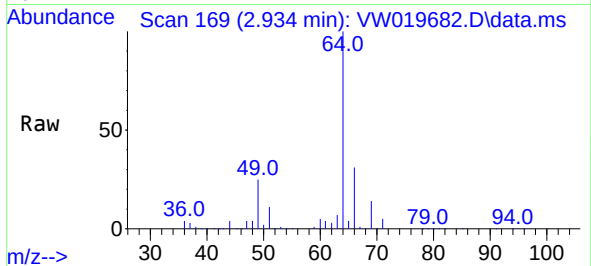




#8
Chloroethane
Concen: 24.577 ug/L
RT: 2.934 min Scan# 169
Delta R.T. 0.000 min
Lab File: VW019682.D
Acq: 05 Aug 2021 14:51

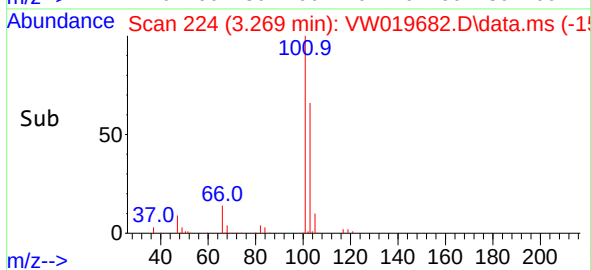
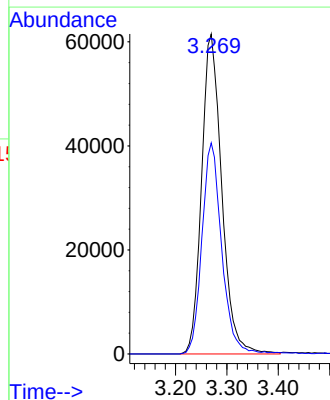
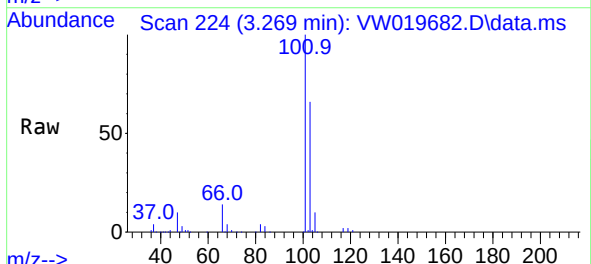
Instrument :
MSVOA_W
ClientSampleId :
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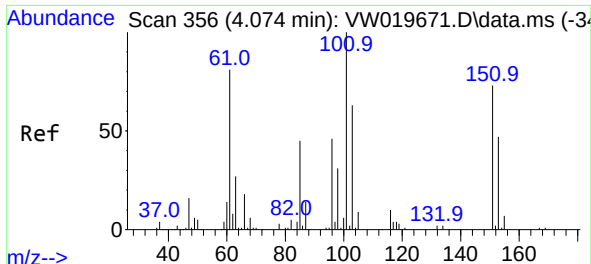
Tgt Ion: 64 Resp: 109202
Ion Ratio Lower Upper
64 100
66 31.1 23.4 43.6



#9
Trichlorofluoromethane
Concen: 33.059 ug/L
RT: 3.269 min Scan# 224
Delta R.T. 0.000 min
Lab File: VW019682.D
Acq: 05 Aug 2021 14:51

Tgt Ion:101 Resp: 167640
Ion Ratio Lower Upper
101 100
103 63.7 51.0 76.4





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 24.195 ug/L

RT: 4.074 min Scan# 356

Delta R.T. 0.000 min

Lab File: VW019682.D

Acq: 05 Aug 2021 14:51

Tgt Ion:101 Resp: 156945

Ion Ratio Lower Upper

101 100

85 44.3 38.2 57.2

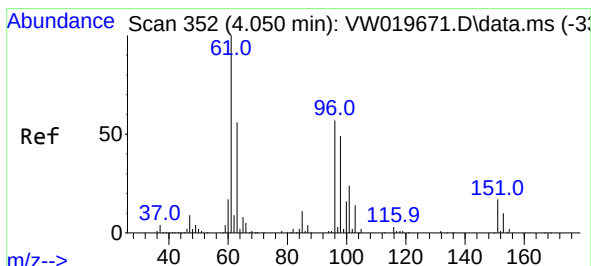
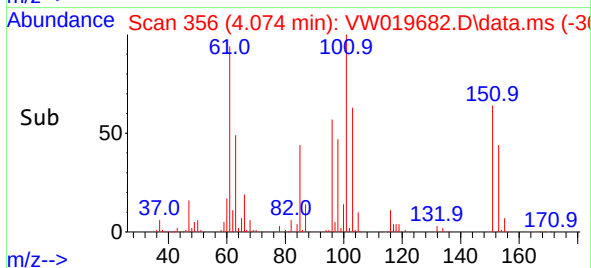
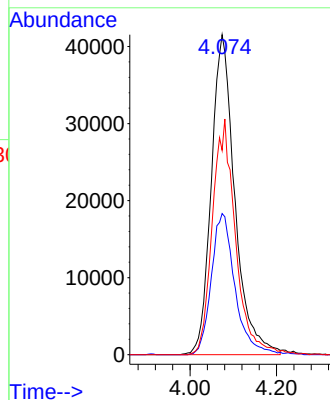
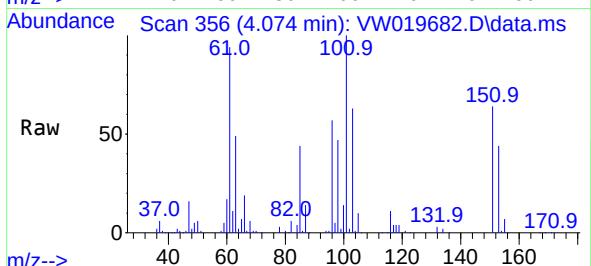
151 71.9 56.6 85.0

Instrument :

MSVOA_W

ClientSampleId :

GB642MSD



#12

1,1-Dichloroethene

Concen: 22.874 ug/L

RT: 4.050 min Scan# 352

Delta R.T. 0.000 min

Lab File: VW019682.D

Acq: 05 Aug 2021 14:51

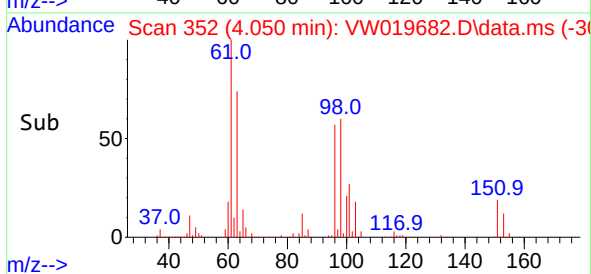
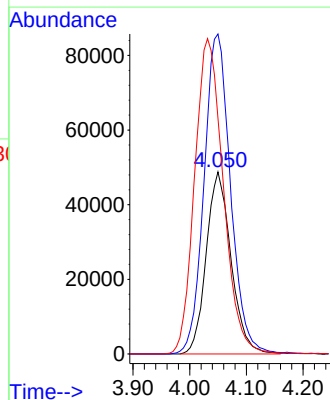
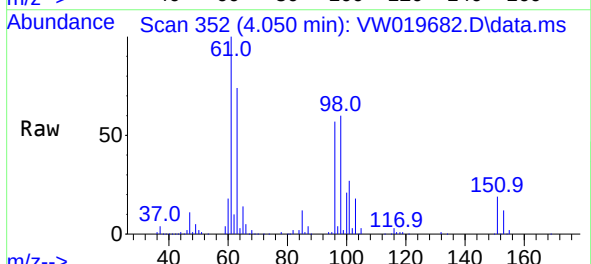
Tgt Ion: 96 Resp: 148166

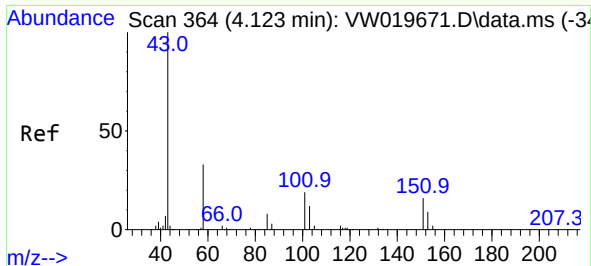
Ion Ratio Lower Upper

96 100

61 175.8 118.1 219.3

63 129.5 83.7 155.5

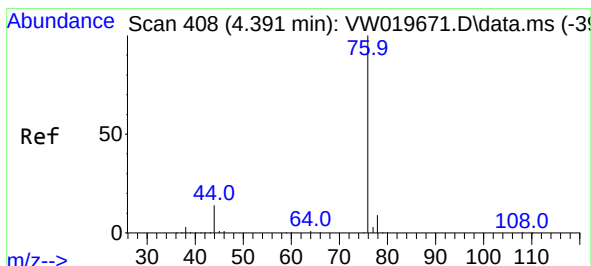
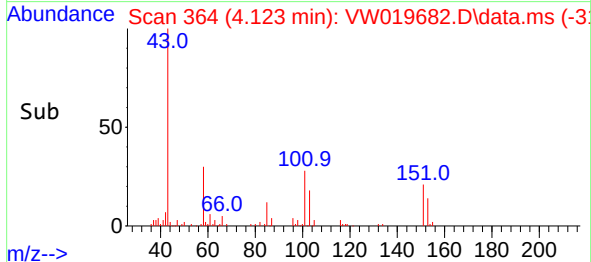
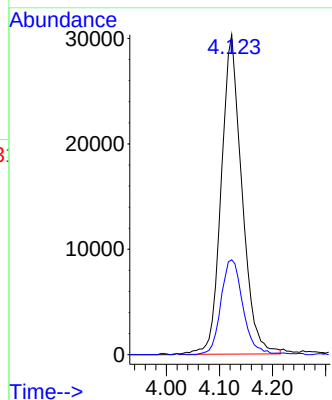
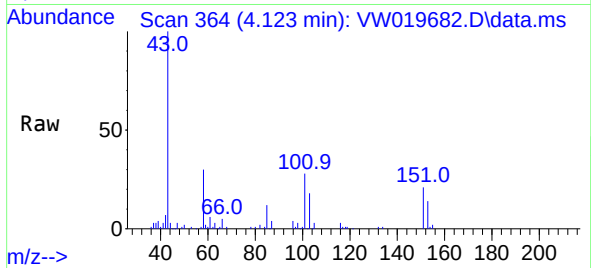




#13
Acetone
Concen: 54.524 ug/L
RT: 4.123 min Scan# 364
Delta R.T. 0.000 min
Lab File: VW019682.D
Acq: 05 Aug 2021 14:51

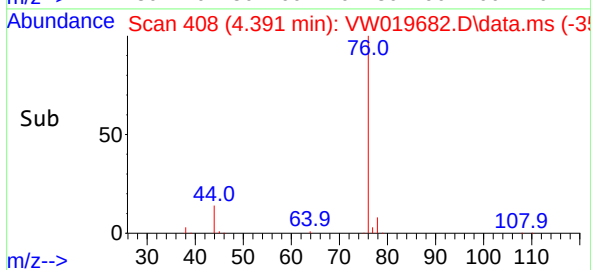
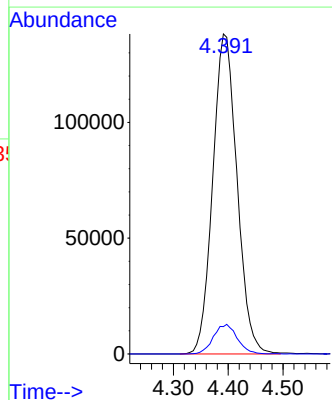
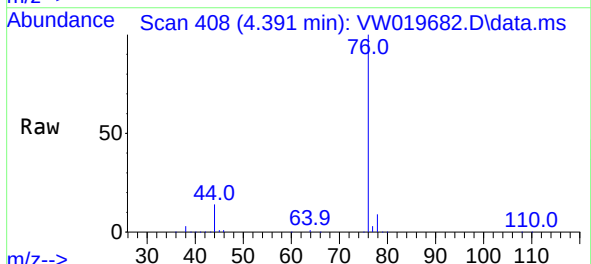
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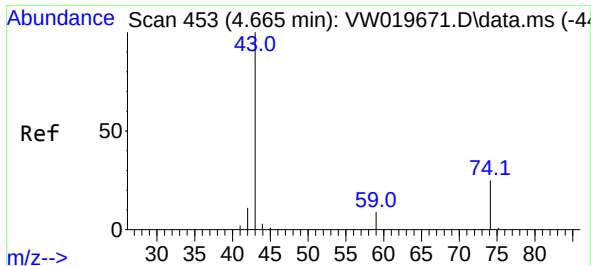
Tgt Ion: 43 Resp: 81977
Ion Ratio Lower Upper
43 100
58 31.5 0.0 53.8



#14
Carbon disulfide
Concen: 20.488 ug/L
RT: 4.391 min Scan# 408
Delta R.T. 0.000 min
Lab File: VW019682.D
Acq: 05 Aug 2021 14:51

Tgt Ion: 76 Resp: 424976
Ion Ratio Lower Upper
76 100
78 8.6 7.4 11.0

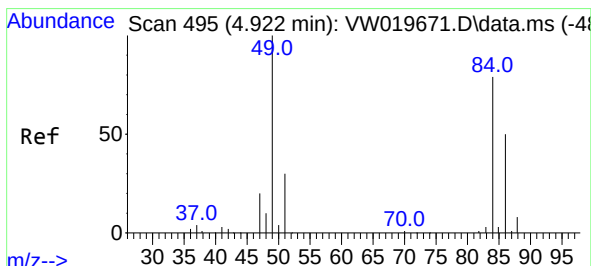
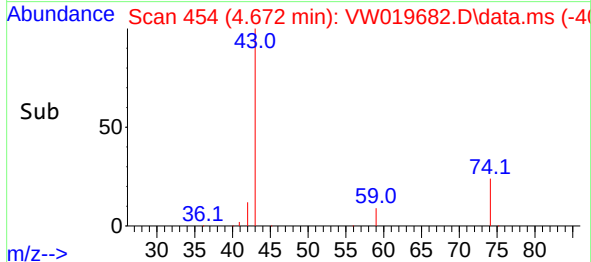
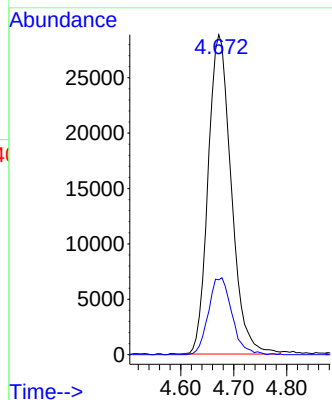
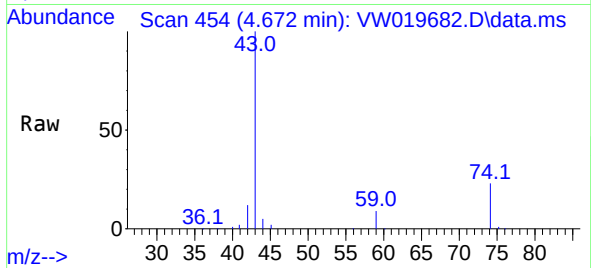




#15
Methyl Acetate
Concen: 26.121 ug/L
RT: 4.672 min Scan# 454
Delta R.T. 0.006 min
Lab File: VW019682.D
Acq: 05 Aug 2021 14:51

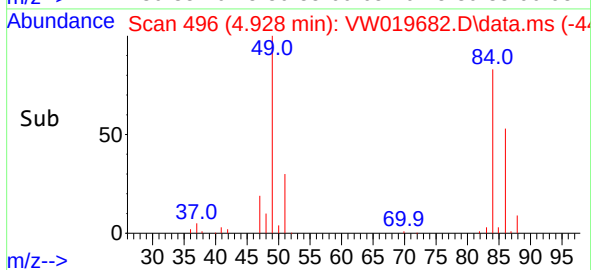
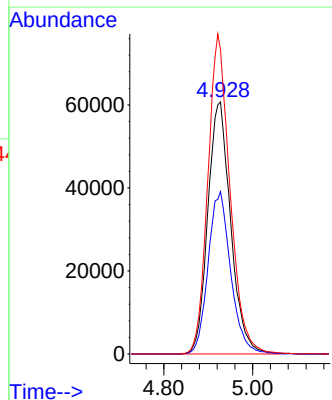
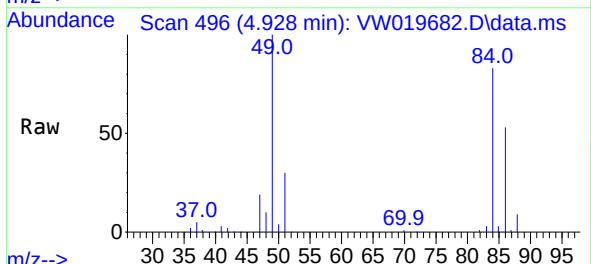
Instrument :
MSVOA_W
ClientSampled :
GB642MSD

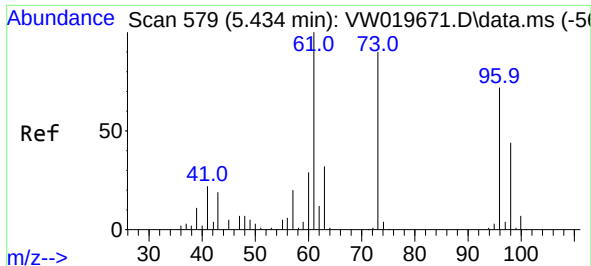
Tgt Ion: 43 Resp: 87408
Ion Ratio Lower Upper
43 100
74 24.2 20.0 30.0



#16
Methylene chloride
Concen: 21.937 ug/L
RT: 4.928 min Scan# 496
Delta R.T. 0.006 min
Lab File: VW019682.D
Acq: 05 Aug 2021 14:51

Tgt Ion: 84 Resp: 216990
Ion Ratio Lower Upper
84 100
86 64.5 45.3 84.1
49 120.6 86.6 160.8

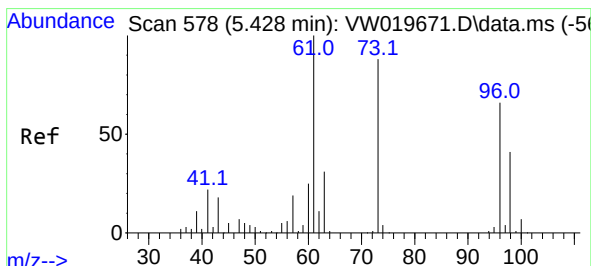
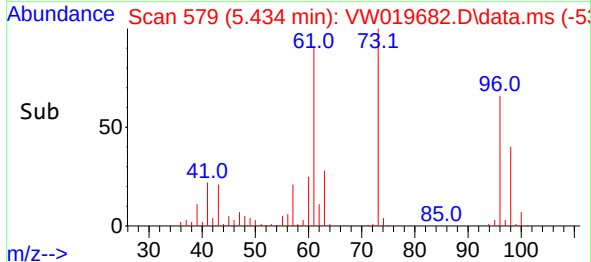
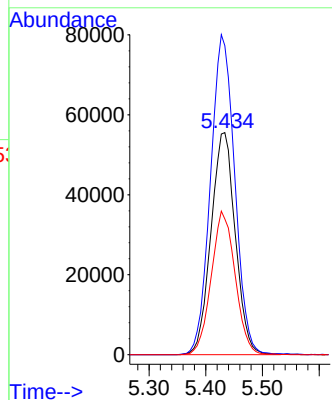
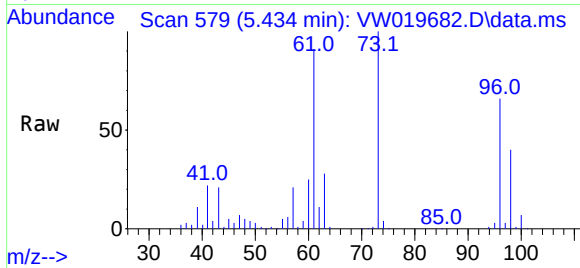




#17
trans-1,2-Dichloroethene
Concen: 23.495 ug/L
RT: 5.434 min Scan# 579
Delta R.T. 0.000 min
Lab File: VW019682.D
Acq: 05 Aug 2021 14:51

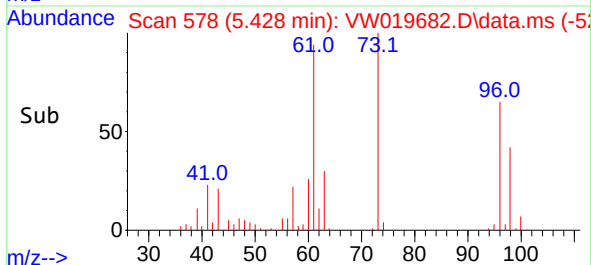
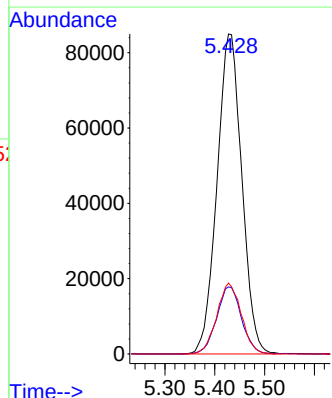
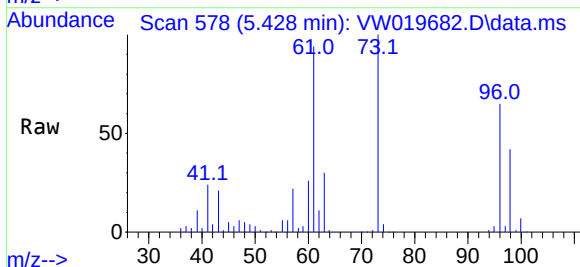
Instrument :
MSVOA_W
ClientSampled :
GB642MSD

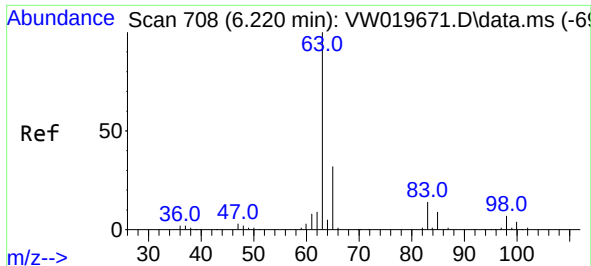
Tgt Ion: 96 Resp: 165502
Ion Ratio Lower Upper
96 100
61 139.2 98.3 182.7
98 61.1 46.1 85.7



#18
Methyl tert-butyl Ether
Concen: 30.138 ug/L
RT: 5.428 min Scan# 578
Delta R.T. -0.000 min
Lab File: VW019682.D
Acq: 05 Aug 2021 14:51

Tgt Ion: 73 Resp: 293309
Ion Ratio Lower Upper
73 100
43 21.0 17.7 26.5
57 21.9 17.0 25.4



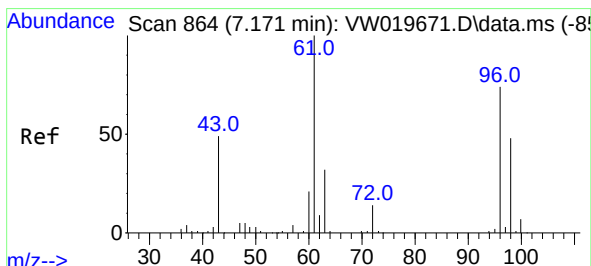
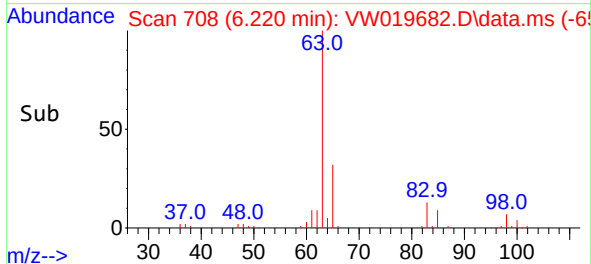
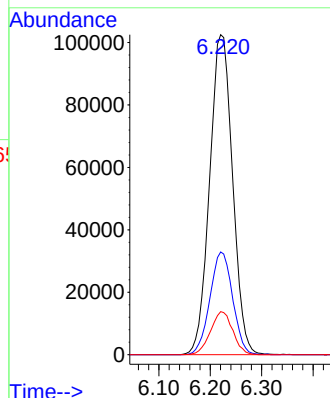
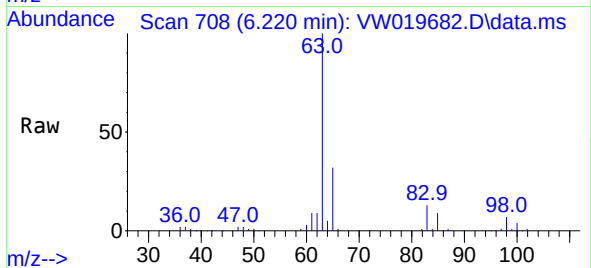


#19
1,1-Dichloroethane
Concen: 24.586 ug/L
RT: 6.220 min Scan# 708
Delta R.T. 0.000 min
Lab File: VW019682.D
Acq: 05 Aug 2021 14:51

Instrument :
MSVOA_W
ClientSampleId :
GB642MSD

Tgt Ion: 63 Resp: 317977

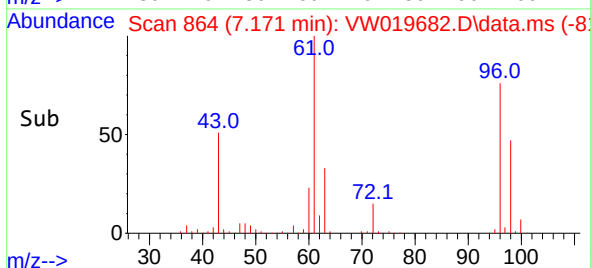
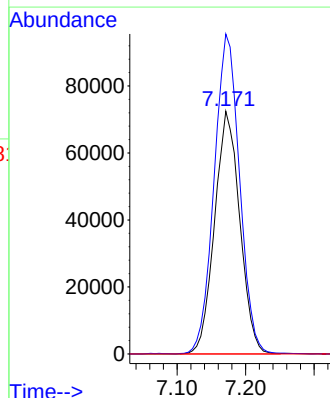
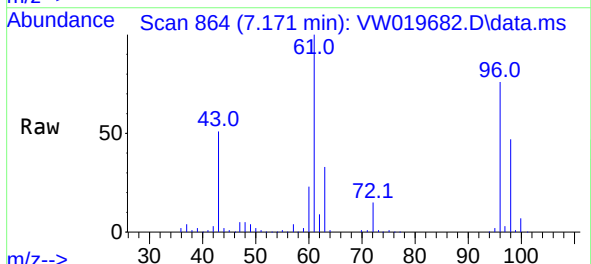
Ion	Ratio	Lower	Upper
63	100		
65	32.1	22.9	42.5
83	13.4	10.2	19.0

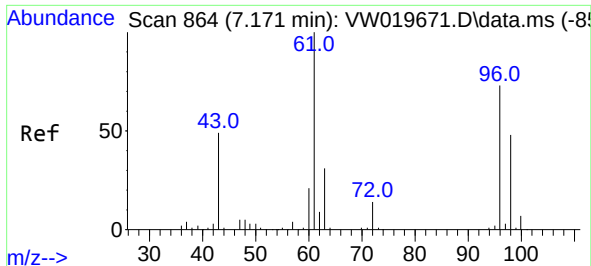


#20
cis-1,2-Dichloroethene
Concen: 24.781 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW019682.D
Acq: 05 Aug 2021 14:51

Tgt Ion: 96 Resp: 184627

Ion	Ratio	Lower	Upper
96	100		
61	131.8	88.5	164.3
68	0.0	0.0	0.0

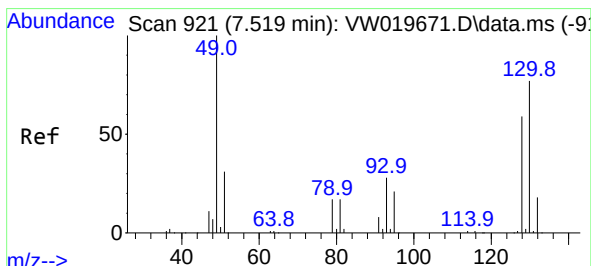
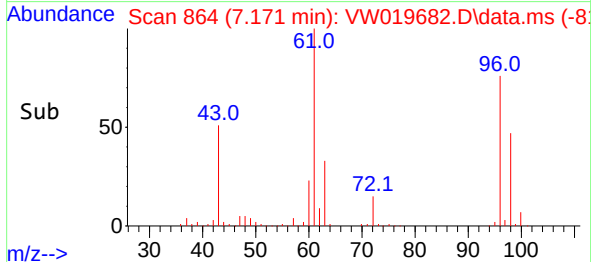
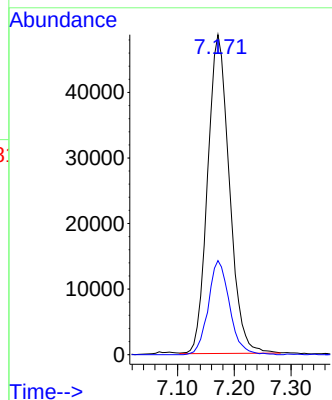
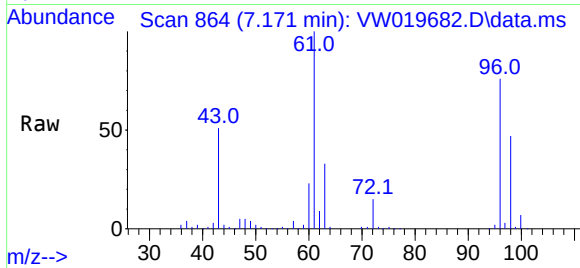




#22
2-Butanone
Concen: 55.737 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW019682.D
Acq: 05 Aug 2021 14:51

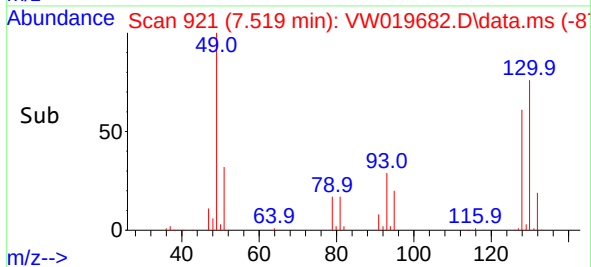
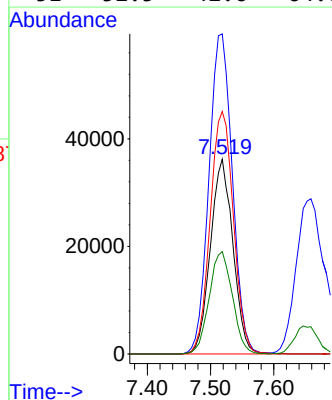
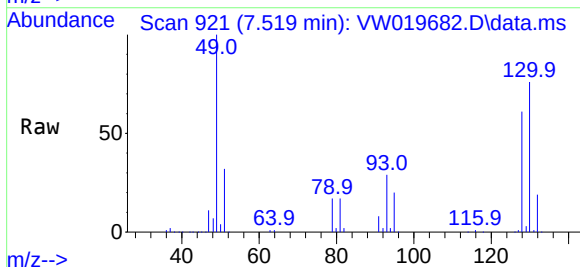
Instrument :
MSVOA_W
ClientSampleId :
GB642MSD

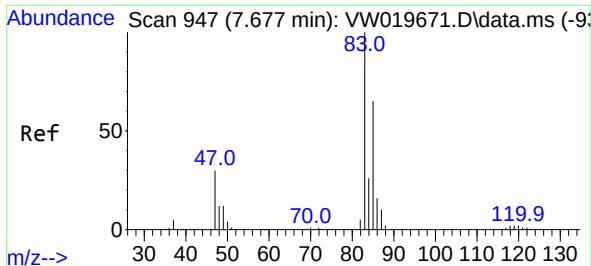
Tgt Ion: 43 Resp: 129667
Ion Ratio Lower Upper
43 100
72 28.7 14.9 44.7



#23
Bromochloromethane
Concen: 26.759 ug/L
RT: 7.519 min Scan# 921
Delta R.T. 0.000 min
Lab File: VW019682.D
Acq: 05 Aug 2021 14:51

Tgt Ion: 128 Resp: 89787
Ion Ratio Lower Upper
128 100
49 164.2 116.3 215.9
130 124.4 82.4 153.0
51 52.5 42.6 64.0

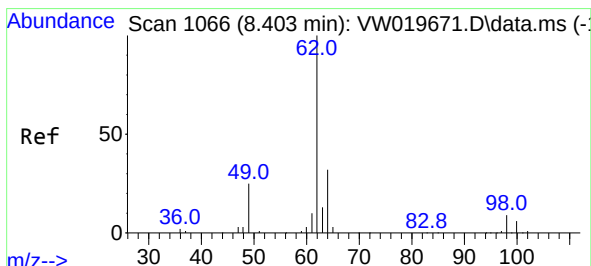
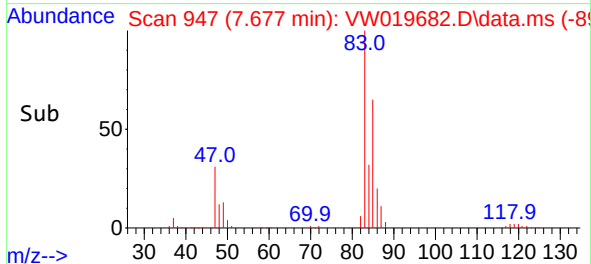
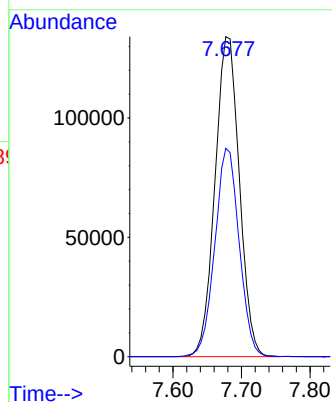
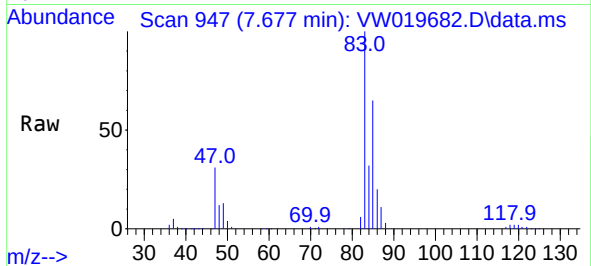




#25
Chloroform
Concen: 25.851 ug/L
RT: 7.677 min Scan# 947
Delta R.T. 0.000 min
Lab File: VW019682.D
Acq: 05 Aug 2021 14:51

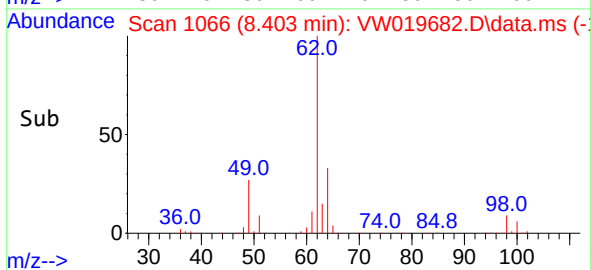
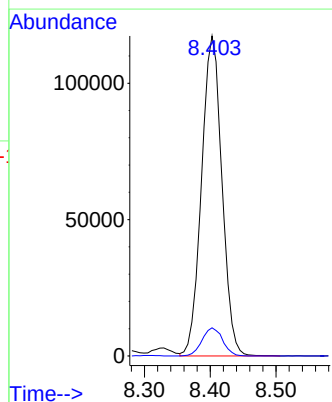
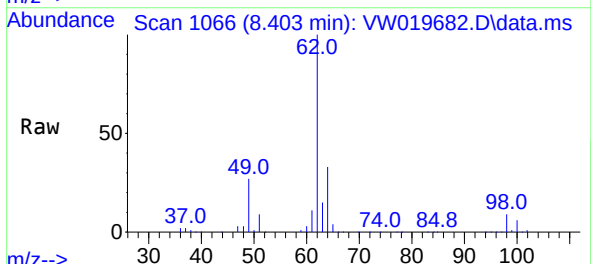
Instrument :
MSVOA_W
ClientSampleId :
GB642MSD

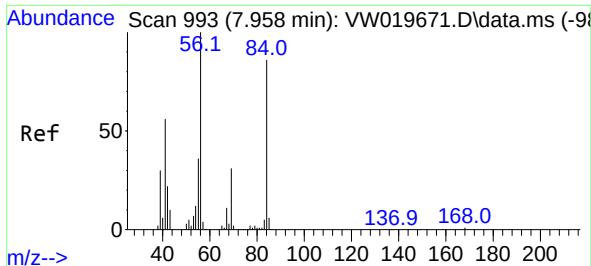
Tgt Ion: 83 Resp: 330721
Ion Ratio Lower Upper
83 100
85 65.1 44.6 82.8



#27
1,2-Dichloroethane
Concen: 29.438 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. 0.000 min
Lab File: VW019682.D
Acq: 05 Aug 2021 14:51

Tgt Ion: 62 Resp: 253381
Ion Ratio Lower Upper
62 100
98 8.8 6.9 10.3





#29

Cyclohexane

Concen: 21.449 ug/L

RT: 7.958 min Scan# 993

Delta R.T. -0.000 min

Lab File: VW019682.D

Acq: 05 Aug 2021 14:51

Instrument :

MSVOA_W

ClientSampleId :

GB642MSD

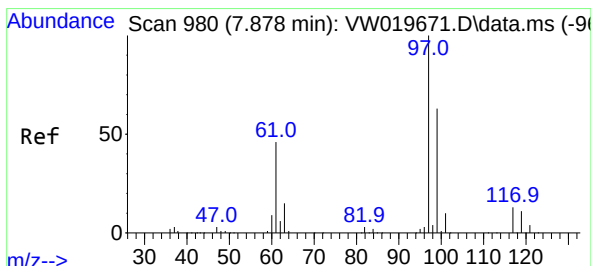
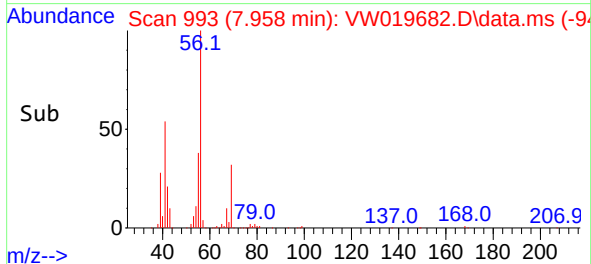
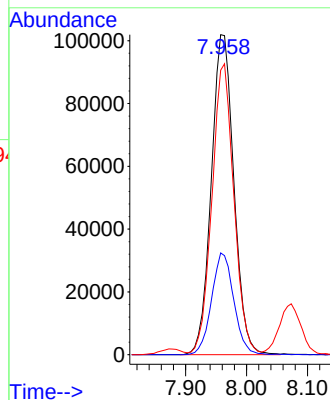
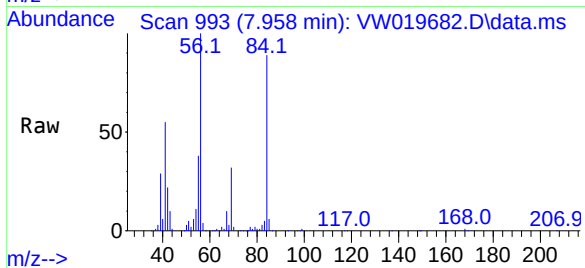
Tgt Ion: 56 Resp: 262410

Ion Ratio Lower Upper

56 100

69 31.2 24.5 36.7

84 88.6 75.0 112.4



#30

1,1,1-Trichloroethane

Concen: 25.579 ug/L

RT: 7.872 min Scan# 979

Delta R.T. -0.006 min

Lab File: VW019682.D

Acq: 05 Aug 2021 14:51

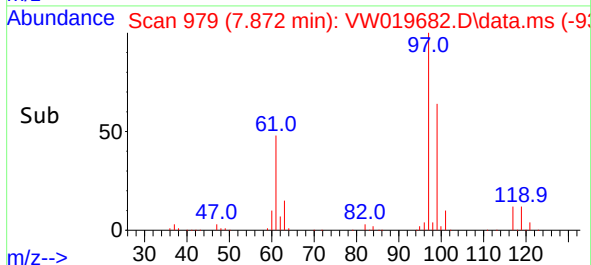
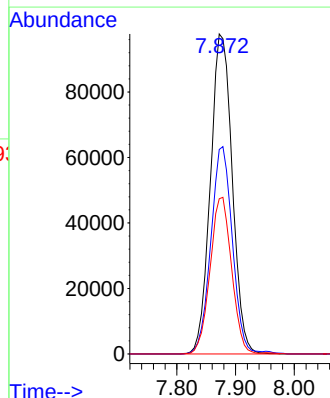
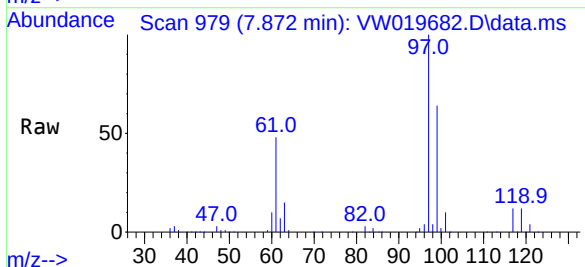
Tgt Ion: 97 Resp: 251847

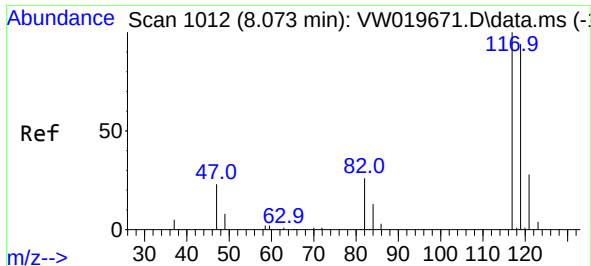
Ion Ratio Lower Upper

97 100

99 64.0 51.4 77.2

61 48.2 37.8 56.6

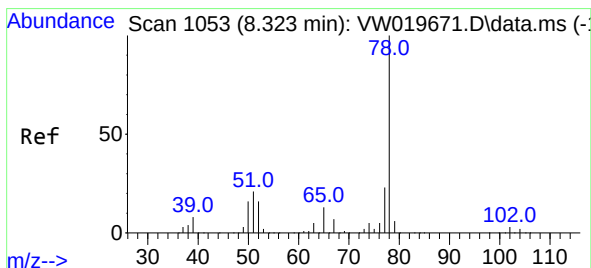
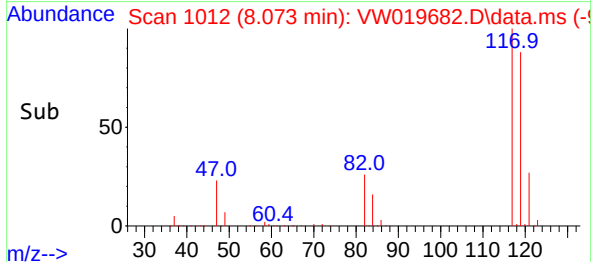
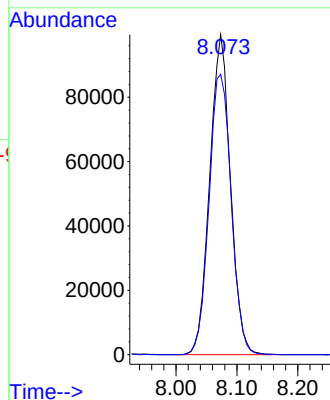
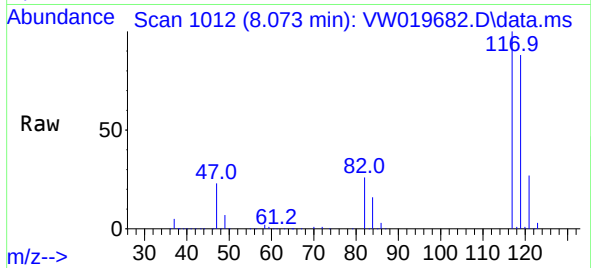




#31
Carbon tetrachloride
Concen: 25.713 ug/L
RT: 8.073 min Scan# 1012
Delta R.T. -0.000 min
Lab File: VW019682.D
Acq: 05 Aug 2021 14:51

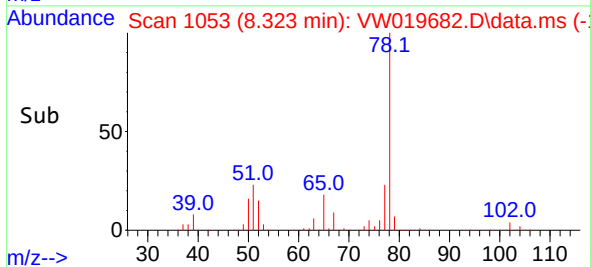
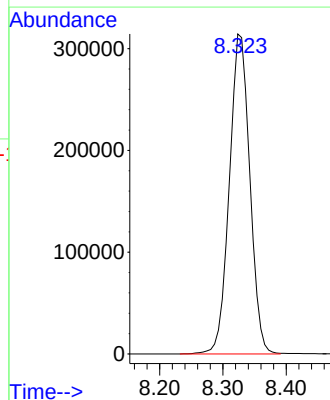
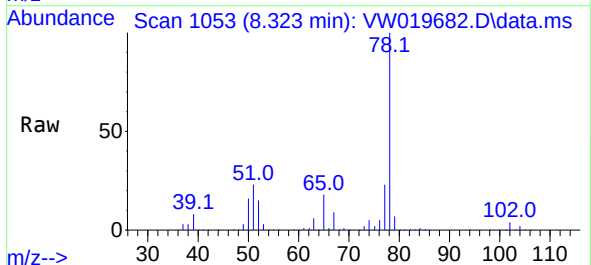
Instrument :
MSVOA_W
ClientSampleId :
GB642MSD

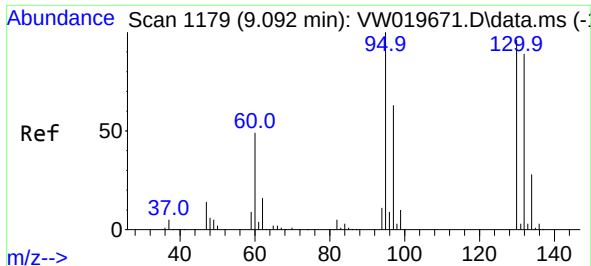
Tgt Ion:117 Resp: 235549
Ion Ratio Lower Upper
117 100
119 93.6 76.5 114.7



#33
Benzene
Concen: 23.684 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW019682.D
Acq: 05 Aug 2021 14:51

Tgt Ion: 78 Resp: 707229

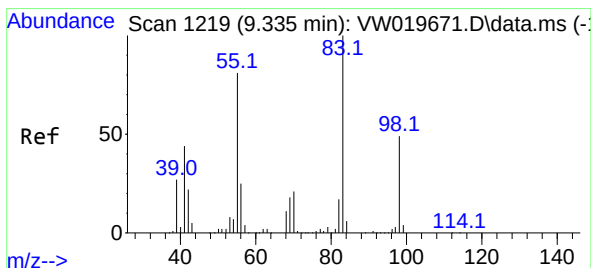
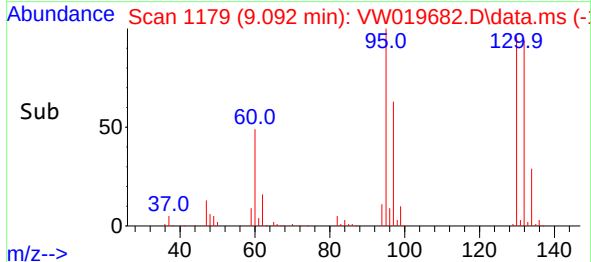
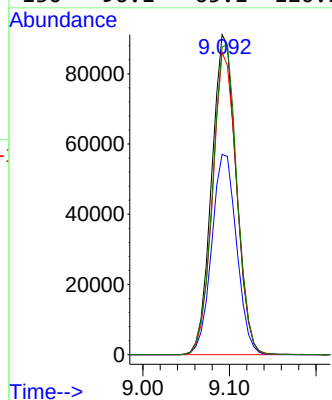
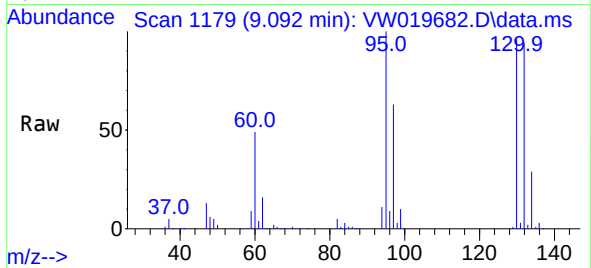




#34
Trichloroethene
Concen: 23.451 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW019682.D
Acq: 05 Aug 2021 14:51

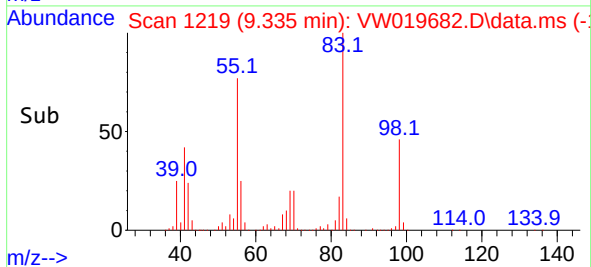
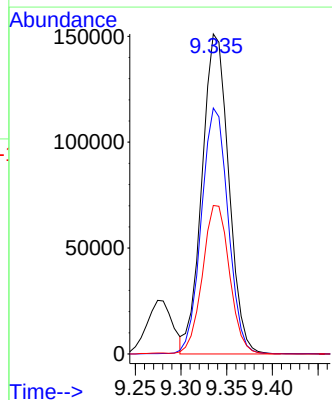
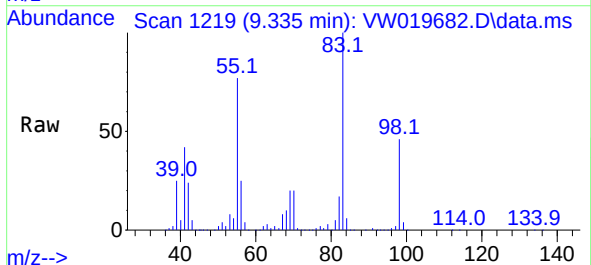
Instrument :
MSVOA_W
ClientSampleId :
GB642MSD

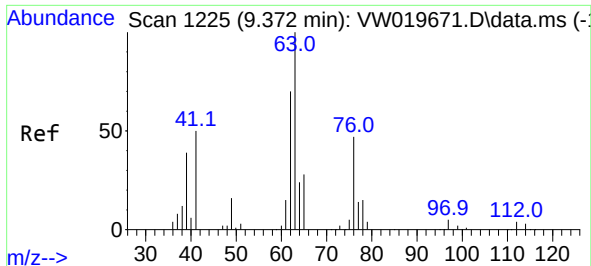
Tgt Ion: 95 Resp: 178728
Ion Ratio Lower Upper
95 100
97 62.6 47.3 87.8
132 94.5 71.0 131.8
130 96.1 65.1 120.9



#35
Methylcyclohexane
Concen: 22.798 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW019682.D
Acq: 05 Aug 2021 14:51

Tgt Ion: 83 Resp: 307469
Ion Ratio Lower Upper
83 100
55 76.9 58.9 88.3
98 47.1 40.1 60.1

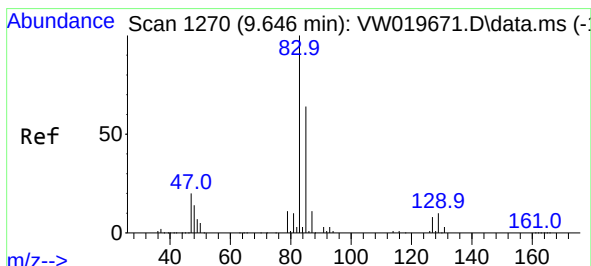
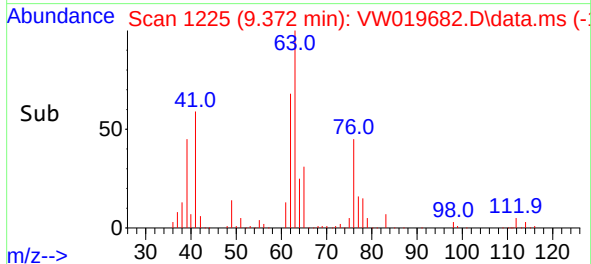
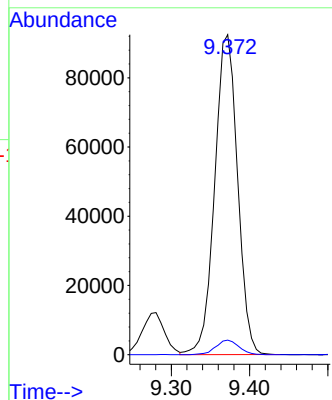
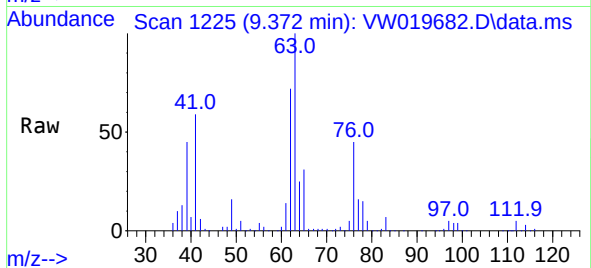




#37
1,2-Dichloropropane
Concen: 24.756 ug/L
RT: 9.372 min Scan# 1225
Delta R.T. 0.000 min
Lab File: VW019682.D
Acq: 05 Aug 2021 14:51

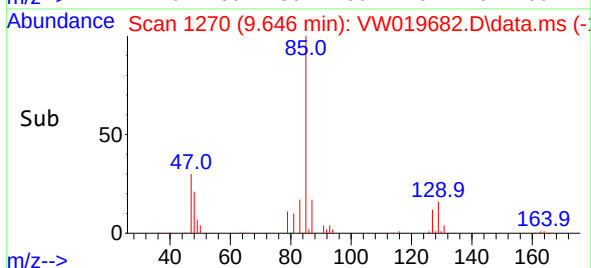
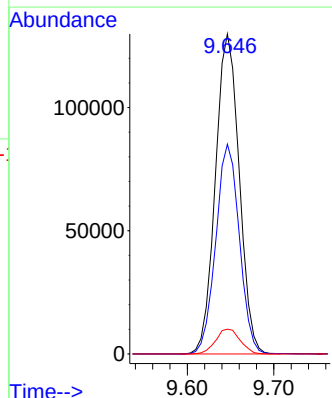
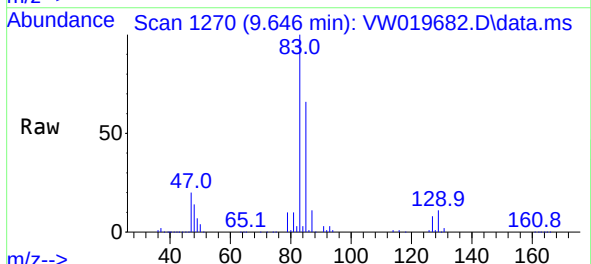
Instrument :
MSVOA_W
ClientSampled :
GB642MSD

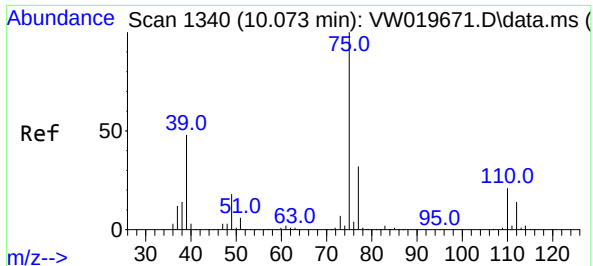
Tgt Ion: 63 Resp: 187332
Ion Ratio Lower Upper
63 100
112 4.6 3.9 5.9



#38
Bromodichloromethane
Concen: 26.443 ug/L
RT: 9.646 min Scan# 1270
Delta R.T. 0.000 min
Lab File: VW019682.D
Acq: 05 Aug 2021 14:51

Tgt Ion: 83 Resp: 248126
Ion Ratio Lower Upper
83 100
85 65.6 42.3 78.5
127 7.7 6.6 9.8

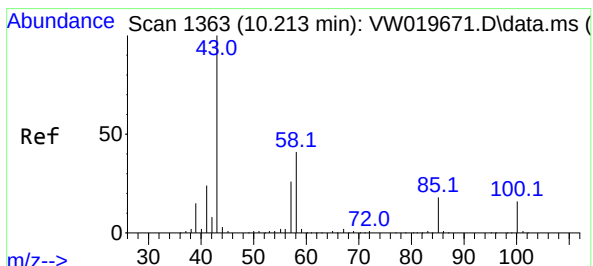
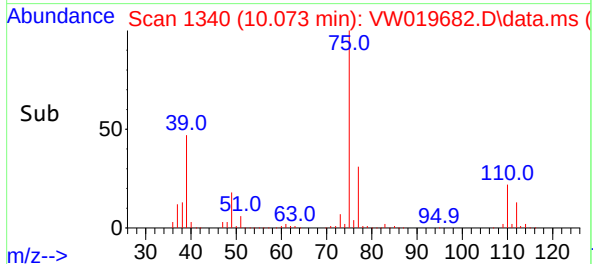
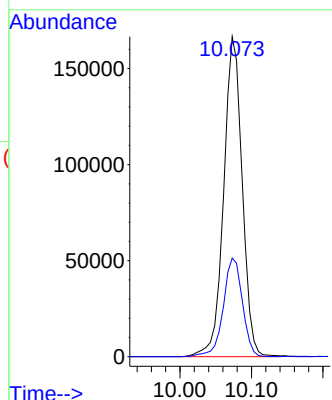
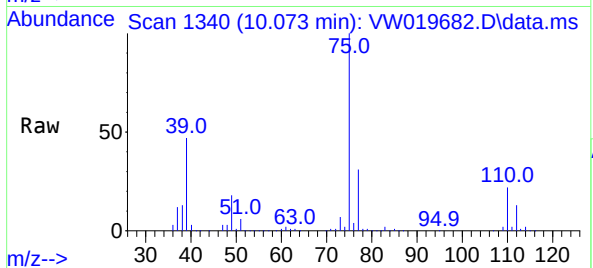




#39
cis-1,3-Dichloropropene
Concen: 25.891 ug/L
RT: 10.073 min Scan# 1340
Delta R.T. 0.000 min
Lab File: VW019682.D
Acq: 05 Aug 2021 14:51

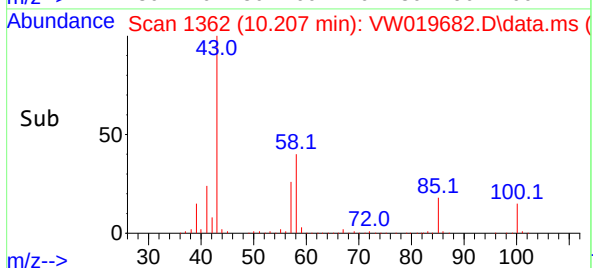
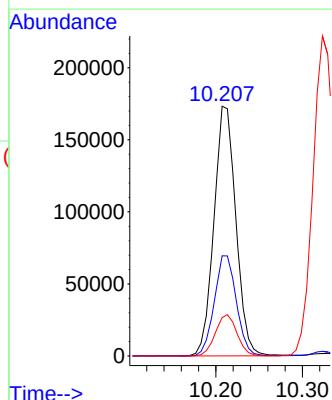
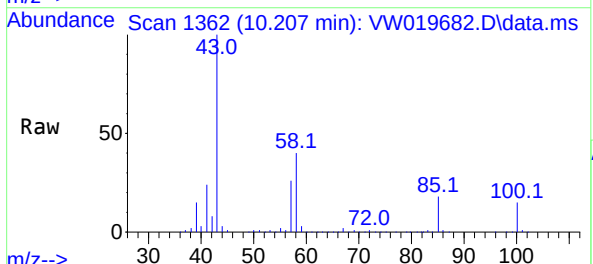
Instrument :
MSVOA_W
ClientSampled :
GB642MSD

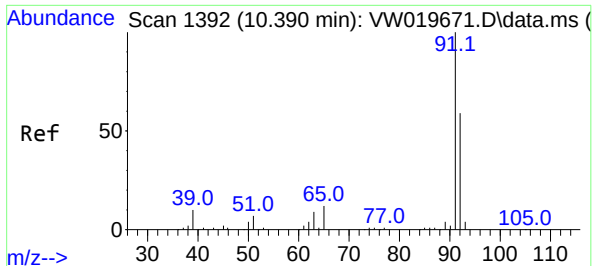
Tgt Ion: 75 Resp: 299625
Ion Ratio Lower Upper
75 100
77 30.8 22.6 42.0



#40
4-Methyl-2-pentanone
Concen: 63.906 ug/L
RT: 10.207 min Scan# 1362
Delta R.T. -0.006 min
Lab File: VW019682.D
Acq: 05 Aug 2021 14:51

Tgt Ion: 43 Resp: 305221
Ion Ratio Lower Upper
43 100
58 40.4 31.0 46.4
100 16.3 13.0 19.6

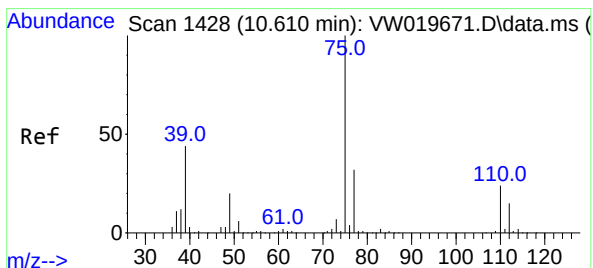
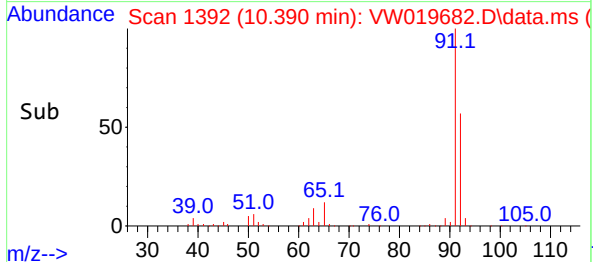
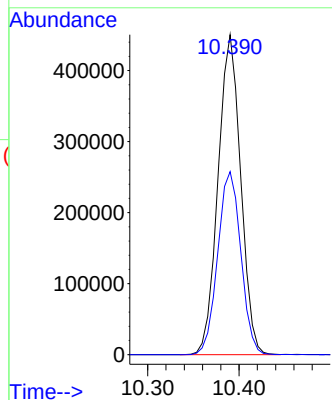
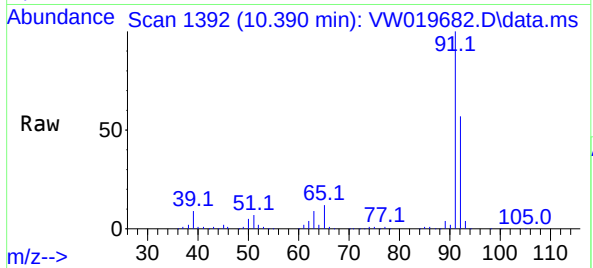




#42
Toluene
Concen: 24.940 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VW019682.D
Acq: 05 Aug 2021 14:51

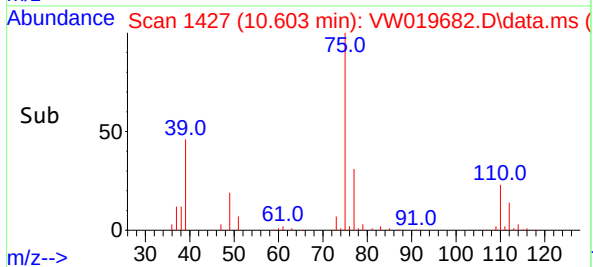
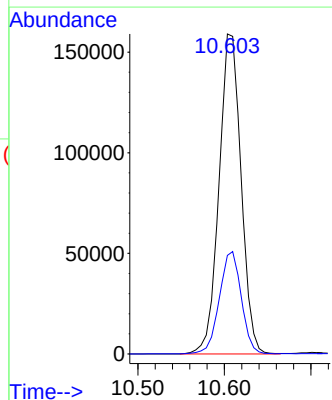
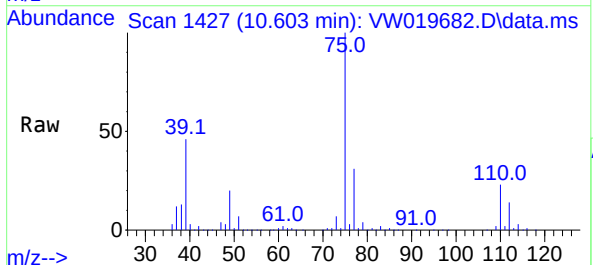
Instrument :
MSVOA_W
ClientSampled :
GB642MSD

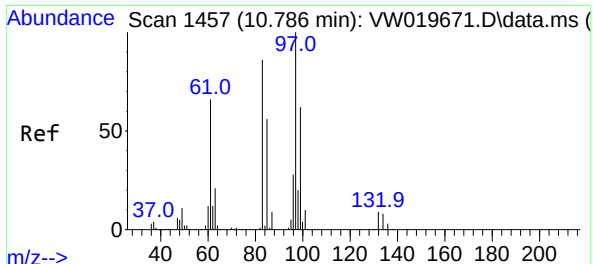
Tgt Ion: 91 Resp: 776228
Ion Ratio Lower Upper
91 100
92 57.2 39.5 73.3



#44
trans-1,3-Dichloropropene
Concen: 27.643 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. -0.006 min
Lab File: VW019682.D
Acq: 05 Aug 2021 14:51

Tgt Ion: 75 Resp: 281388
Ion Ratio Lower Upper
75 100
77 30.8 21.1 39.1



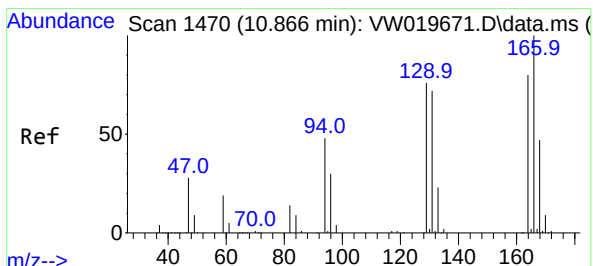
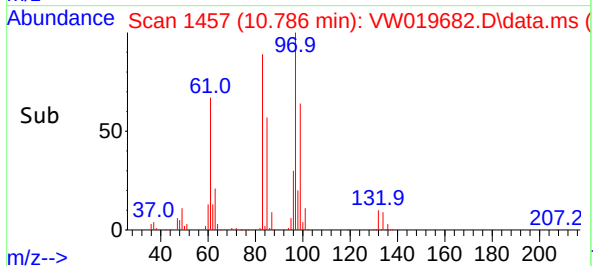
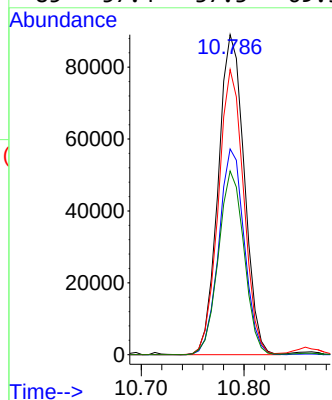
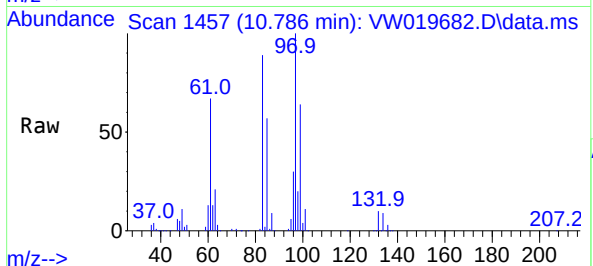


#45
1,1,2-Trichloroethane
Concen: 27.821 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW019682.D
Acq: 05 Aug 2021 14:51

Instrument :
MSVOA_W
ClientSampleId :
GB642MSD

Tgt Ion: 97 Resp: 156644

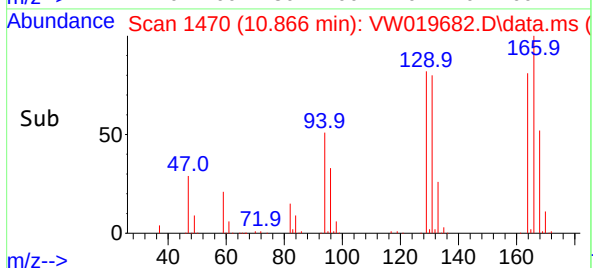
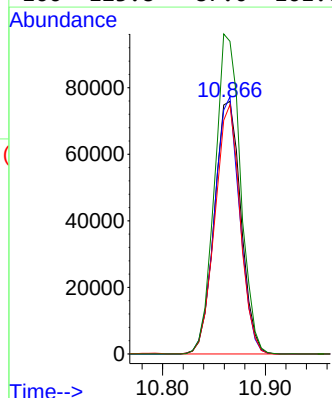
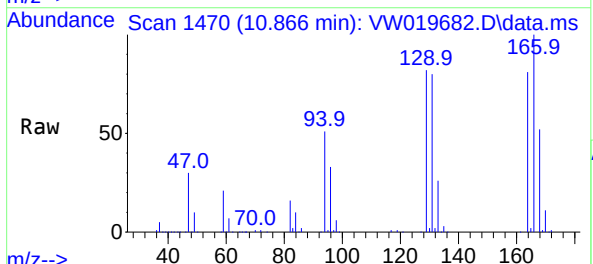
Ion	Ratio	Lower	Upper
97	100		
99	64.3	45.1	83.7
83	89.1	58.1	107.9
85	57.4	37.3	69.3

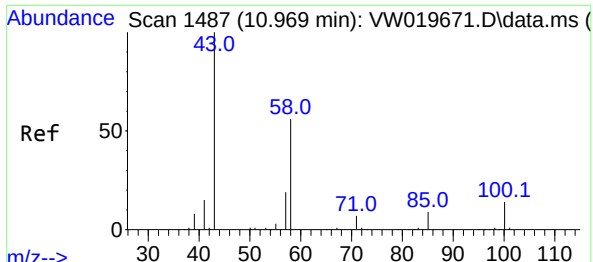


#46
Tetrachloroethene
Concen: 23.428 ug/L
RT: 10.866 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VW019682.D
Acq: 05 Aug 2021 14:51

Tgt Ion:164 Resp: 136084

Ion	Ratio	Lower	Upper
164	100		
129	101.8	66.7	123.9
131	98.7	61.1	113.5
166	123.8	87.0	161.6



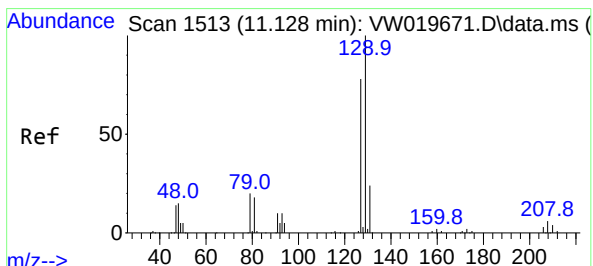
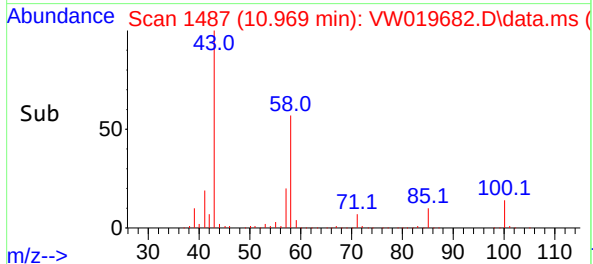
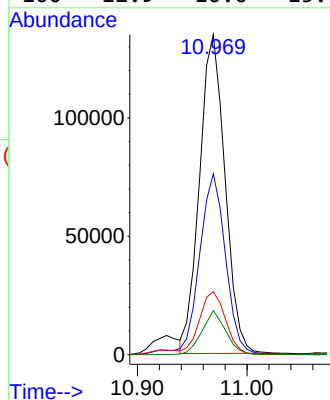
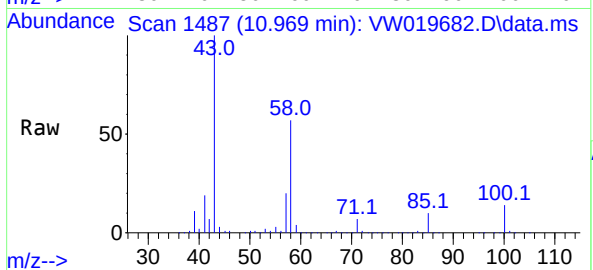


#48
2-Hexanone
Concen: 66.869 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW019682.D
Acq: 05 Aug 2021 14:51

Instrument :
MSVOA_W
ClientSampleId :
GB642MSD

Tgt Ion: 43 Resp: 217523

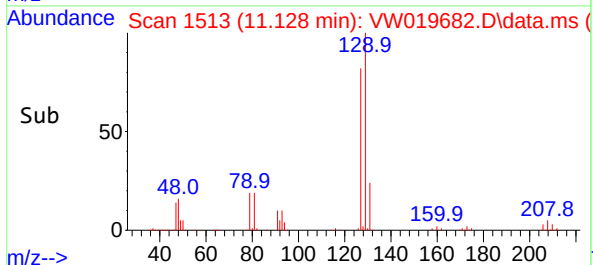
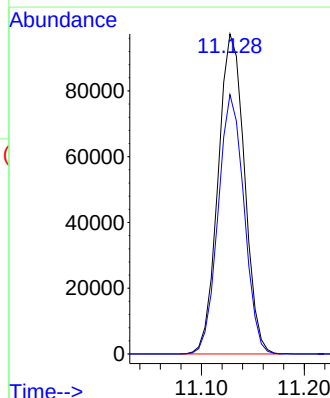
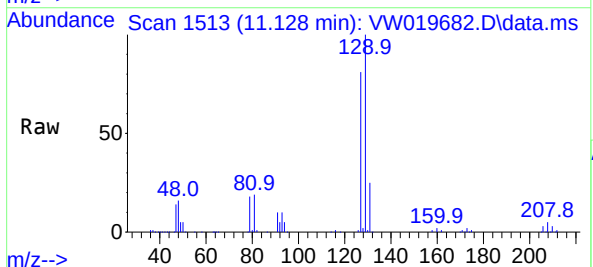
Ion	Ratio	Lower	Upper
43	100		
58	57.3	42.7	64.1
57	20.3	15.8	23.8
100	12.9	10.0	15.0

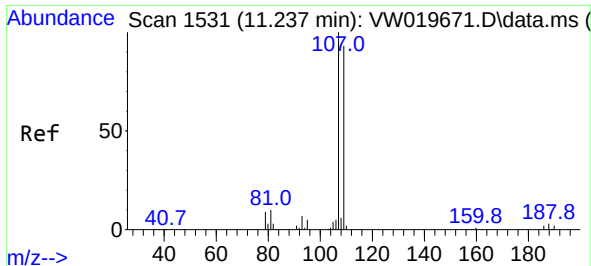


#49
Dibromochloromethane
Concen: 28.663 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW019682.D
Acq: 05 Aug 2021 14:51

Tgt Ion: 129 Resp: 173560

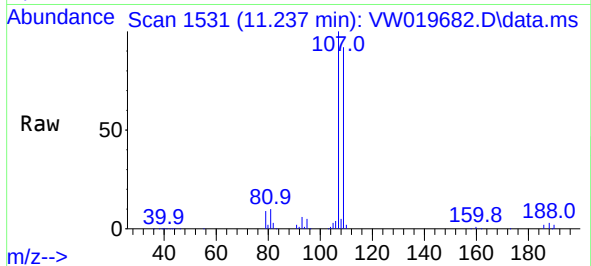
Ion	Ratio	Lower	Upper
129	100		
127	81.1	51.7	95.9



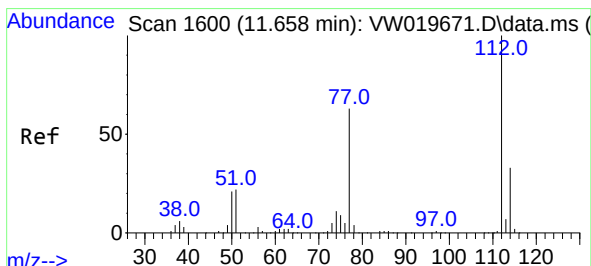
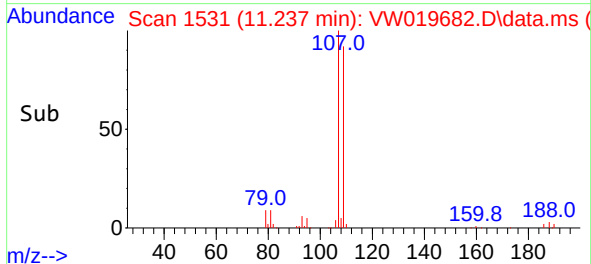
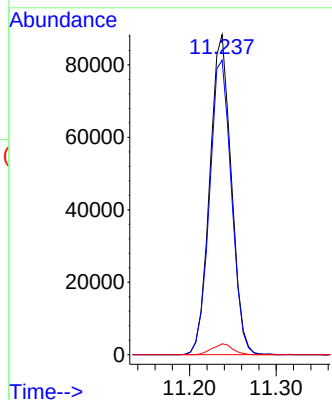


#50
1,2-Dibromoethane
Concen: 28.197 ug/L
RT: 11.237 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VW019682.D
Acq: 05 Aug 2021 14:51

Instrument :
MSVOA_W
ClientSampleId :
GB642MSD

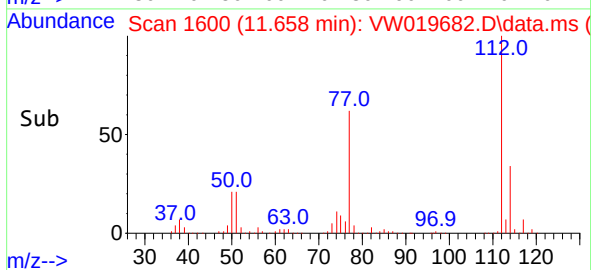
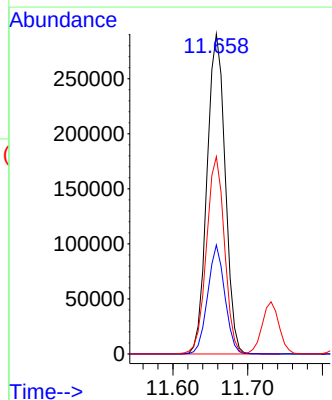
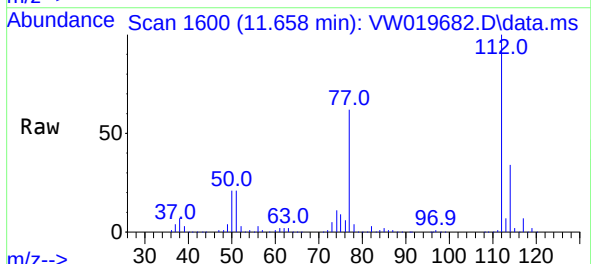


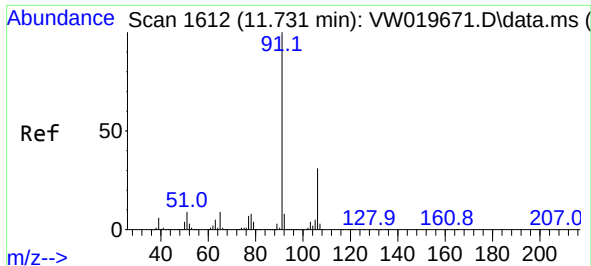
Tgt Ion:107 Resp: 152274
Ion Ratio Lower Upper
107 100
109 92.0 65.4 121.4
188 3.4 2.6 4.0



#51
Chlorobenzene
Concen: 25.054 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VW019682.D
Acq: 05 Aug 2021 14:51

Tgt Ion:112 Resp: 490339
Ion Ratio Lower Upper
112 100
114 34.1 23.4 43.6
77 61.7 47.6 71.4

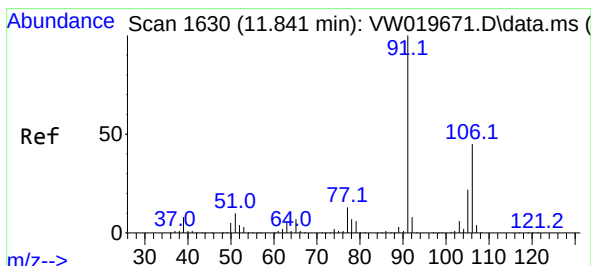
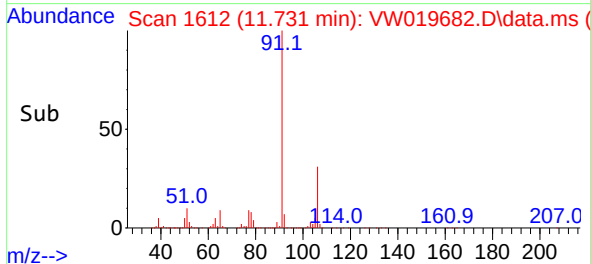
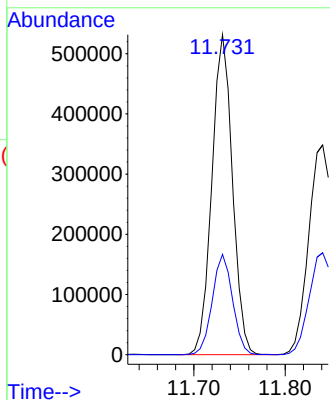
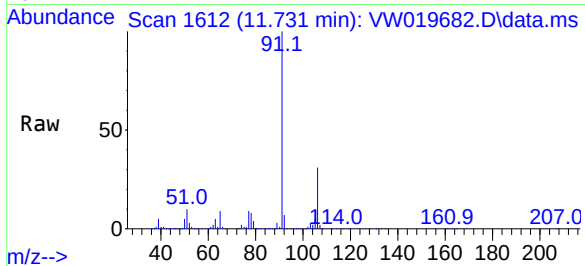




#52
Ethylbenzene
Concen: 24.492 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW019682.D
Acq: 05 Aug 2021 14:51

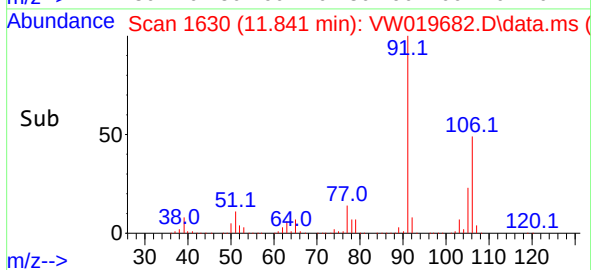
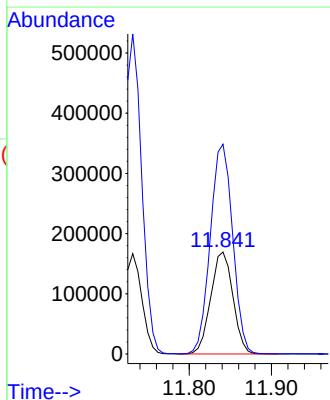
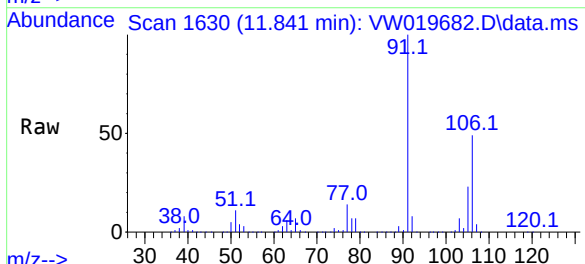
Instrument :
MSVOA_W
ClientSampled :
GB642MSD

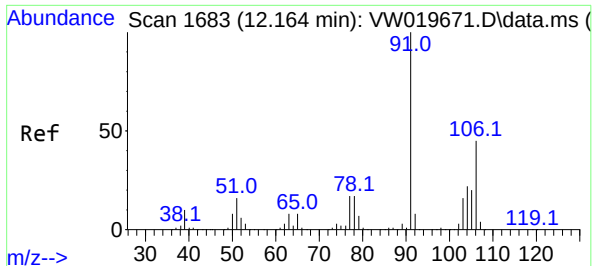
Tgt Ion: 91 Resp: 829853
Ion Ratio Lower Upper
91 100
106 31.4 22.5 41.7



#53
m,p-Xylene
Concen: 24.760 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. 0.000 min
Lab File: VW019682.D
Acq: 05 Aug 2021 14:51

Tgt Ion: 106 Resp: 317048
Ion Ratio Lower Upper
106 100
91 205.6 141.3 262.3

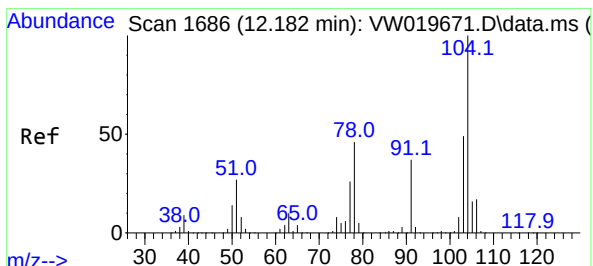
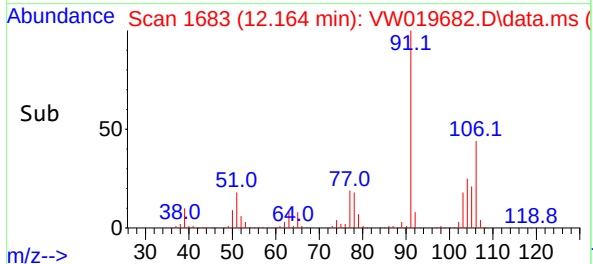
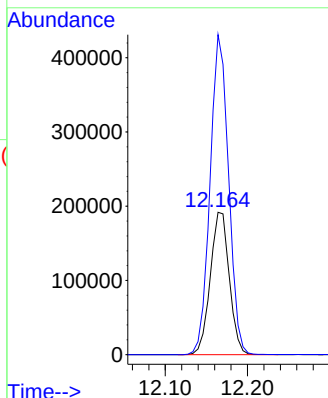
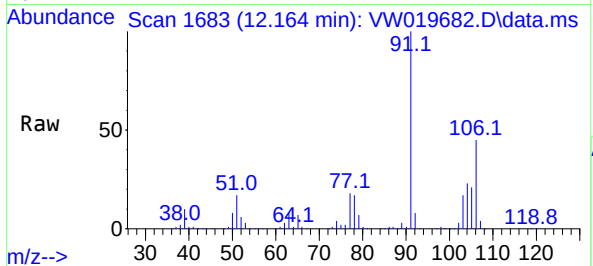




#54
o-Xylene
Concen: 25.458 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW019682.D
Acq: 05 Aug 2021 14:51

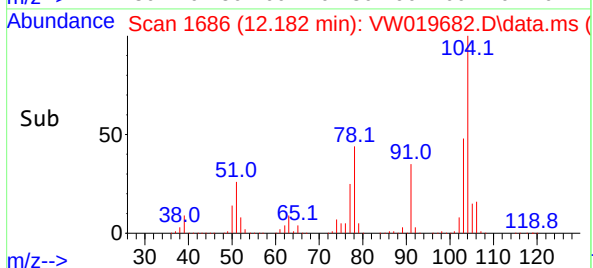
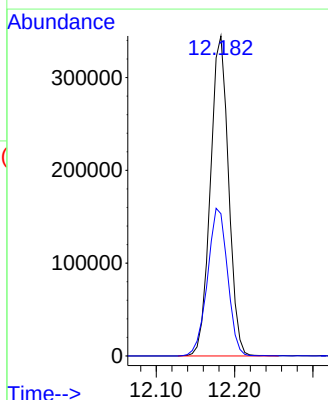
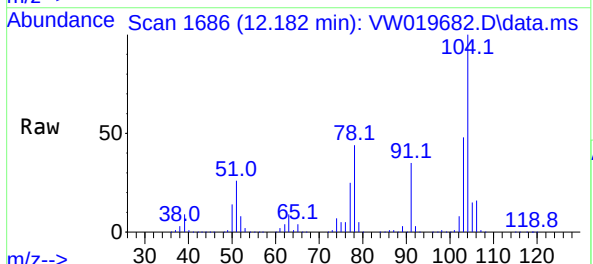
Instrument :
MSVOA_W
ClientSampled :
GB642MSD

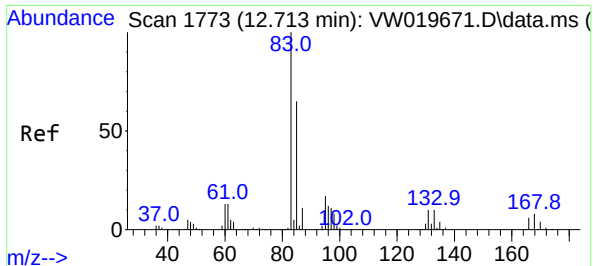
Tgt Ion:106 Resp: 308050
Ion Ratio Lower Upper
106 100
91 224.6 150.0 278.6



#55
Styrene
Concen: 26.486 ug/L
RT: 12.182 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW019682.D
Acq: 05 Aug 2021 14:51

Tgt Ion:104 Resp: 555298
Ion Ratio Lower Upper
104 100
78 44.5 32.5 60.3



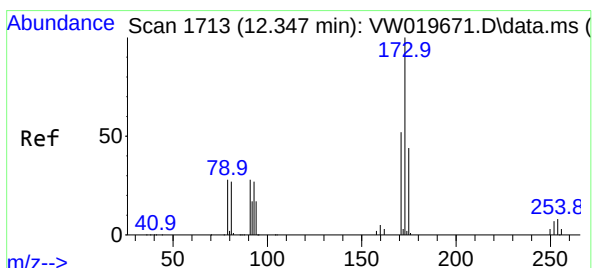
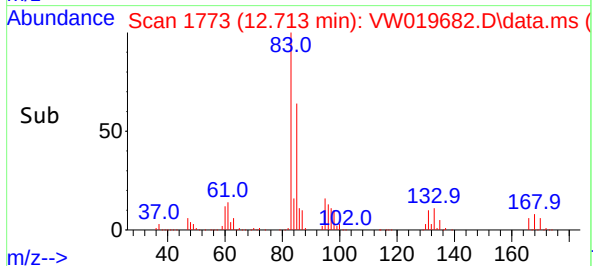
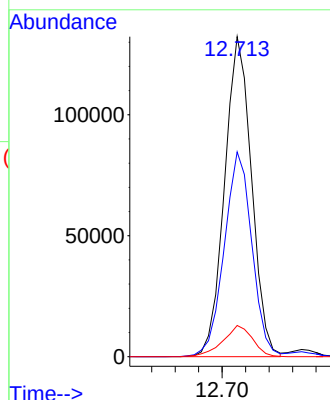
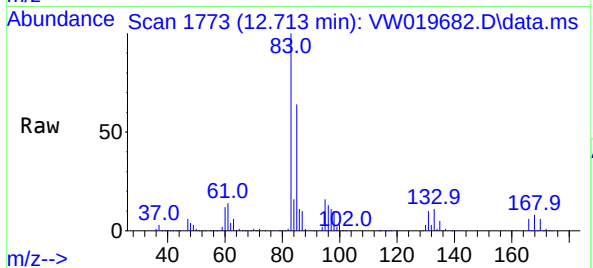


#57
1,1,2,2-Tetrachloroethane
Concen: 30.411 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VW019682.D
Acq: 05 Aug 2021 14:51

Instrument :
MSVOA_W
ClientSampleId :
GB642MSD

Tgt Ion: 83 Resp: 210867

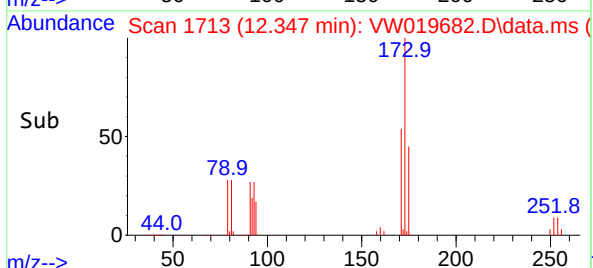
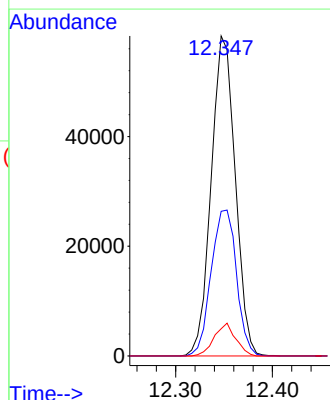
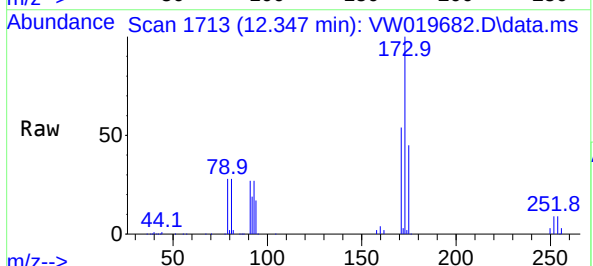
Ion	Ratio	Lower	Upper
83	100		
85	64.0	44.4	82.4
131	9.7	8.2	12.4

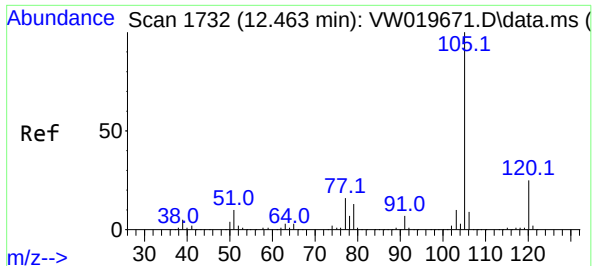


#59
Bromoform
Concen: 27.730 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. 0.000 min
Lab File: VW019682.D
Acq: 05 Aug 2021 14:51

Tgt Ion: 173 Resp: 100855

Ion	Ratio	Lower	Upper
173	100		
175	48.0	37.5	56.3
254	9.1	7.0	10.4



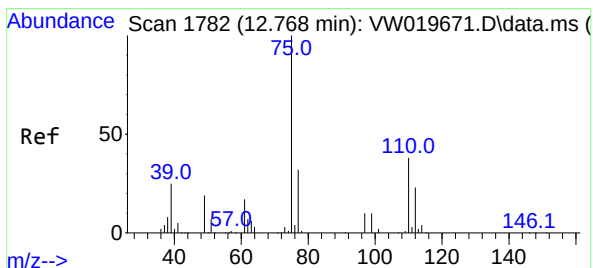
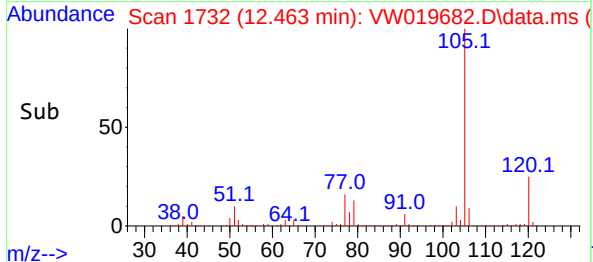
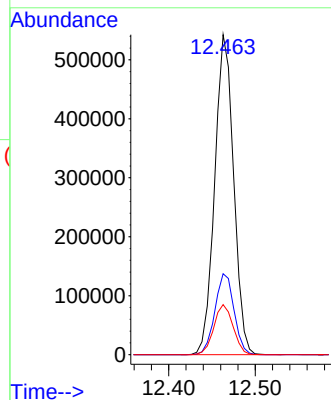
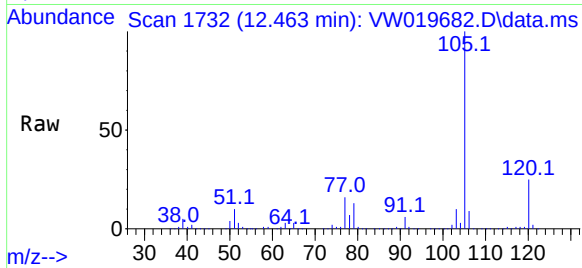


#60
Isopropylbenzene
Concen: 24.047 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW019682.D
Acq: 05 Aug 2021 14:51

Instrument :
MSVOA_W
ClientSampleId :
GB642MSD

Tgt Ion:105 Resp: 823487

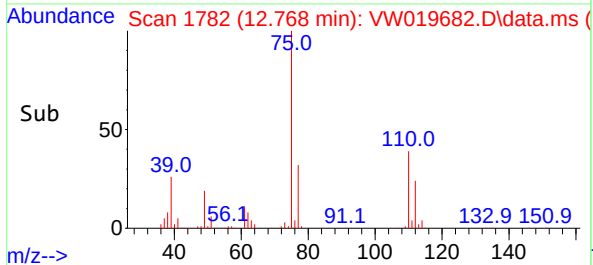
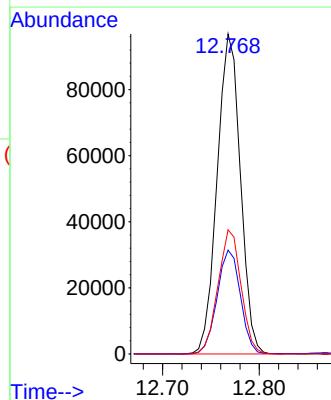
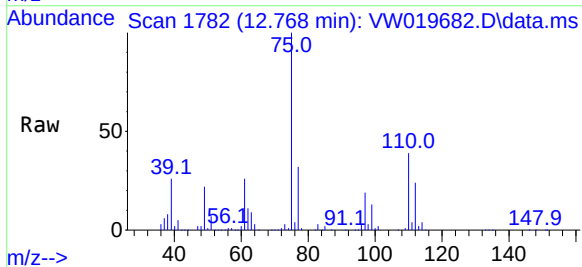
Ion	Ratio	Lower	Upper
105	100		
120	25.6	21.1	31.7
77	16.0	13.2	19.8

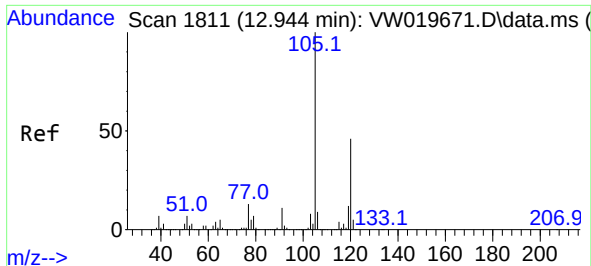


#61
1,2,3-Trichloropropane
Concen: 28.943 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW019682.D
Acq: 05 Aug 2021 14:51

Tgt Ion: 75 Resp: 161554

Ion	Ratio	Lower	Upper
75	100		
77	32.6	25.3	37.9
110	38.4	32.6	48.8

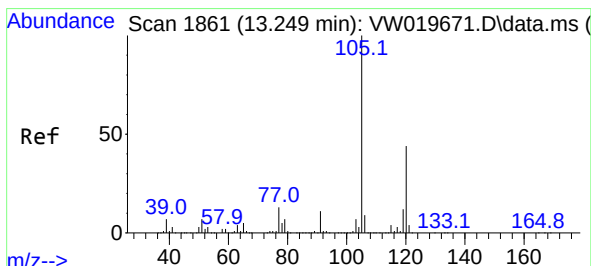
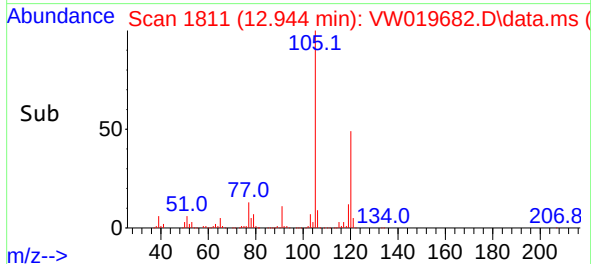
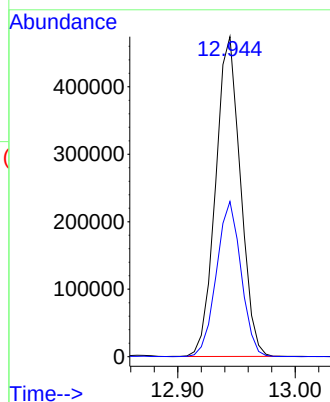
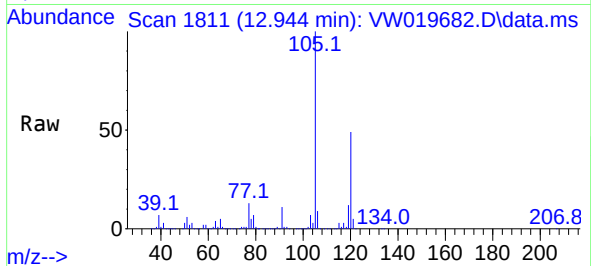




#62
1,3,5-Trimethylbenzene
Concen: 24.283 ug/L
RT: 12.944 min Scan# 1811
Delta R.T. 0.000 min
Lab File: VW019682.D
Acq: 05 Aug 2021 14:51

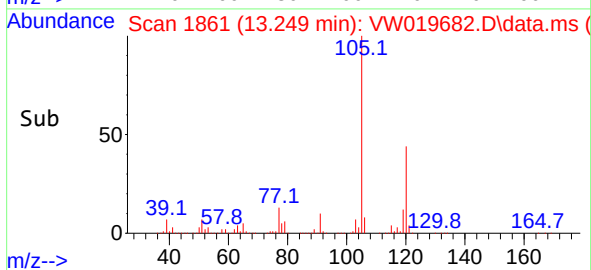
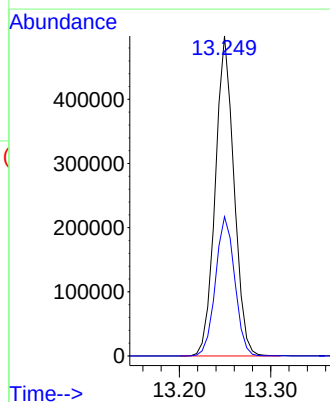
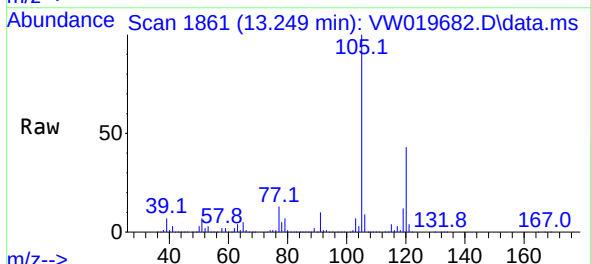
Instrument :
MSVOA_W
ClientSampleId :
GB642MSD

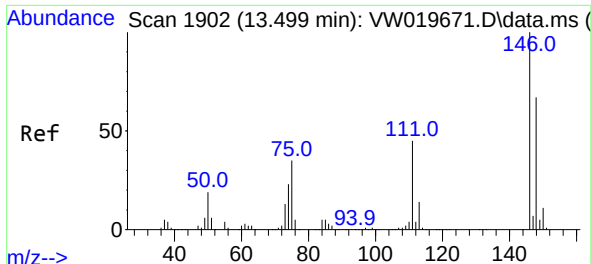
Tgt Ion:105 Resp: 696263
Ion Ratio Lower Upper
105 100
120 48.2 39.0 58.6



#63
1,2,4-Trimethylbenzene
Concen: 24.550 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW019682.D
Acq: 05 Aug 2021 14:51

Tgt Ion:105 Resp: 709265
Ion Ratio Lower Upper
105 100
120 44.7 35.6 53.4

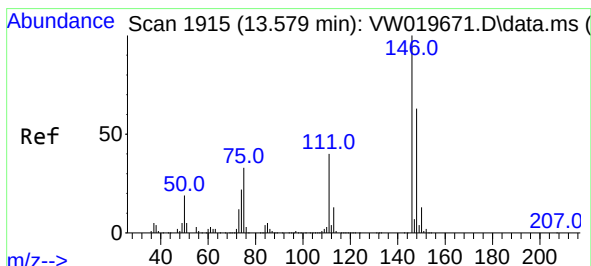
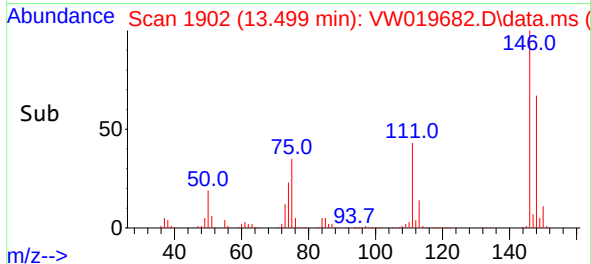
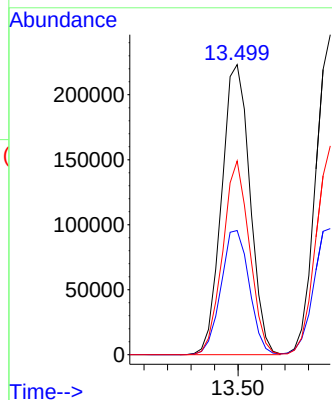
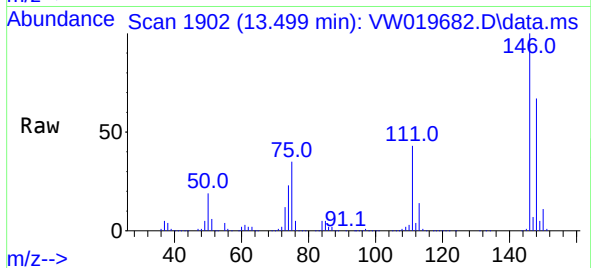




#64
1,3-Dichlorobenzene
Concen: 23.864 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VW019682.D
Acq: 05 Aug 2021 14:51

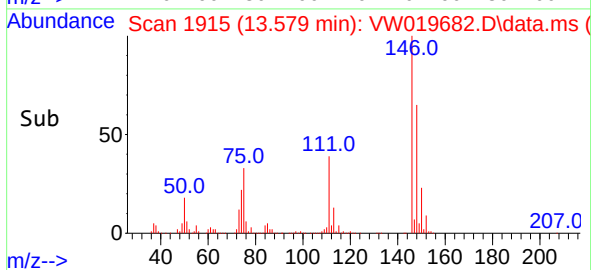
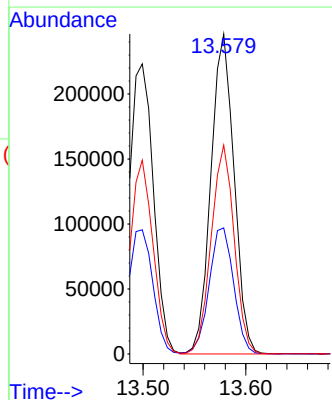
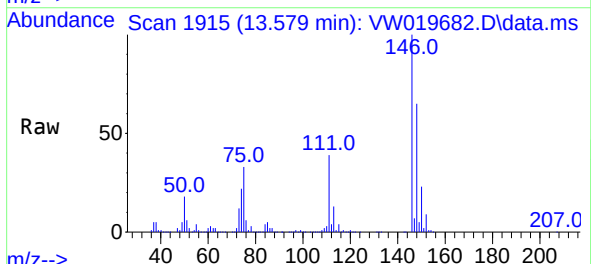
Instrument :
MSVOA_W
ClientSampled :
GB642MSD

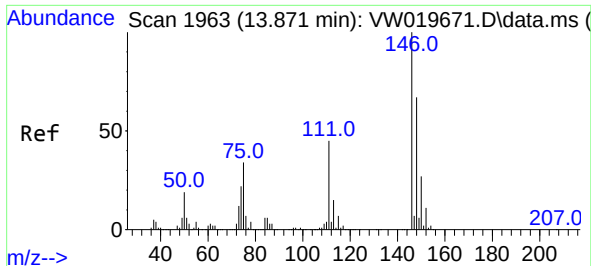
Tgt Ion:146 Resp: 373962
Ion Ratio Lower Upper
146 100
111 42.8 26.7 49.7
148 66.8 41.1 76.3



#65
1,4-Dichlorobenzene
Concen: 24.917 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VW019682.D
Acq: 05 Aug 2021 14:51

Tgt Ion:146 Resp: 385829
Ion Ratio Lower Upper
146 100
111 39.4 28.8 53.4
148 65.3 46.8 87.0

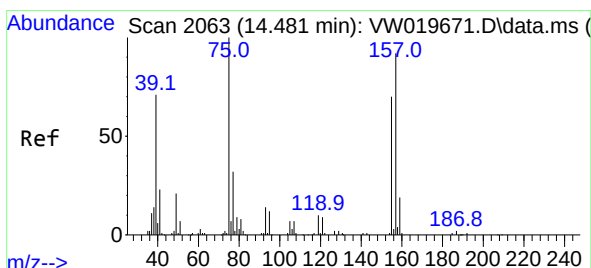
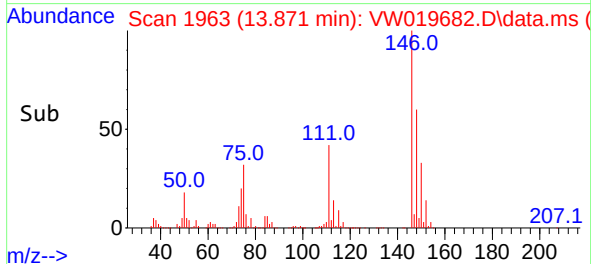
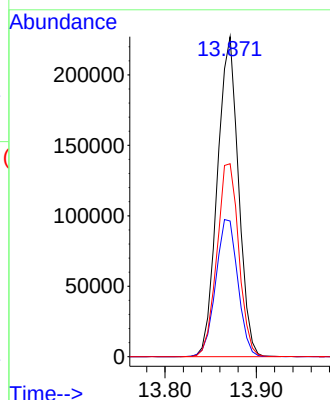
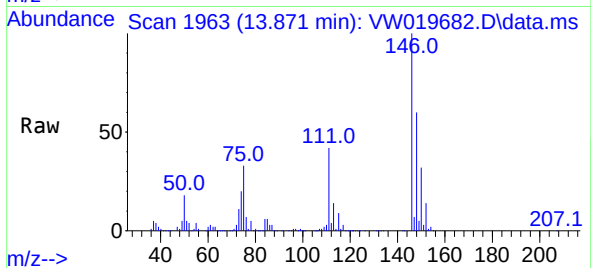




#67
1,2-Dichlorobenzene
Concen: 25.762 ug/L
RT: 13.871 min Scan# 1963
Delta R.T. 0.000 min
Lab File: VW019682.D
Acq: 05 Aug 2021 14:51

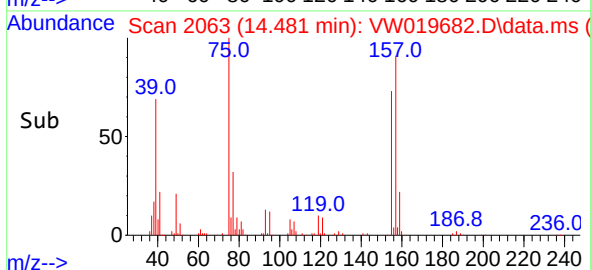
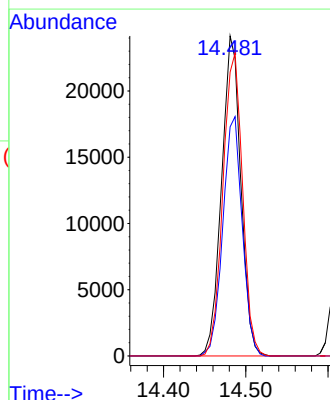
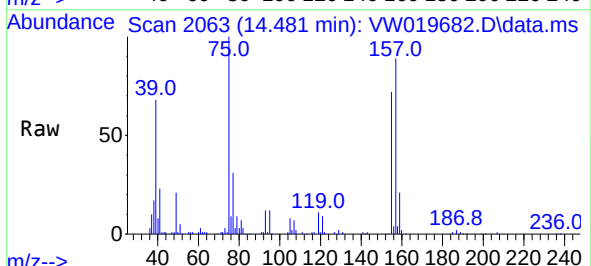
Instrument :
MSVOA_W
ClientSampleId :
GB642MSD

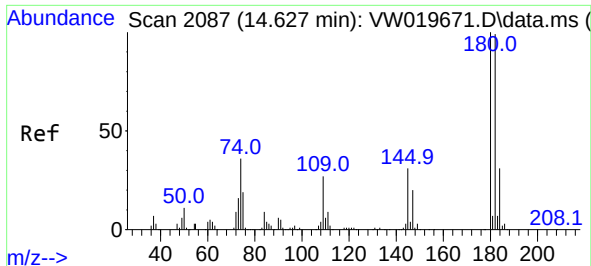
Tgt Ion:	146	Resp:	363696
Ion	Ratio	Lower	Upper
146	100		
111	42.4	33.2	49.8
148	60.3	50.4	75.6



#68
1,2-Dibromo-3-chloropropane
Concen: 32.228 ug/L
RT: 14.481 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VW019682.D
Acq: 05 Aug 2021 14:51

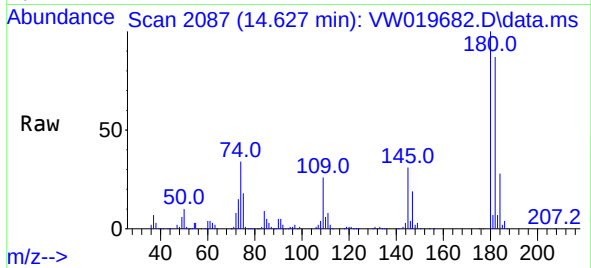
Tgt Ion:	75	Resp:	39256
Ion	Ratio	Lower	Upper
75	100		
155	71.6	59.4	89.0
157	88.7	72.2	108.2



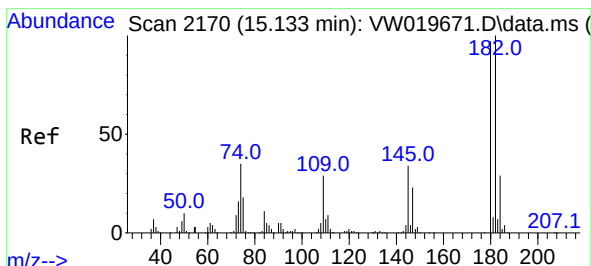
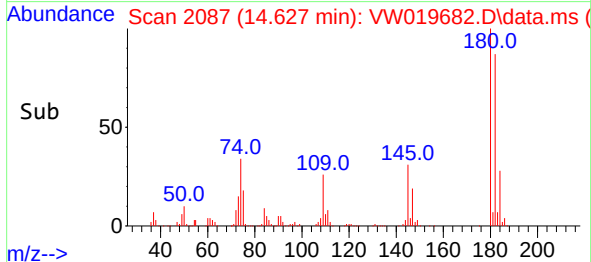
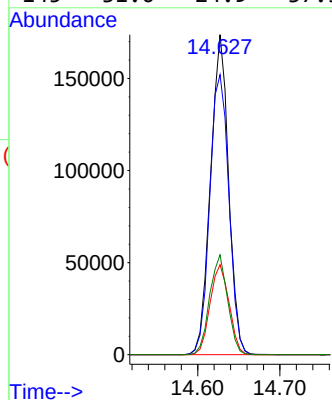


#69
1,3,5-Trichlorobenzene
Concen: 23.219 ug/L
RT: 14.627 min Scan# 2087
Delta R.T. -0.000 min
Lab File: VW019682.D
Acq: 05 Aug 2021 14:51

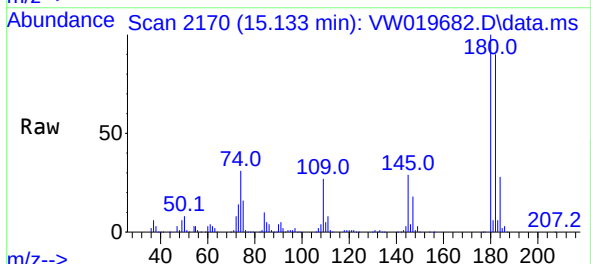
Instrument :
MSVOA_W
ClientSampleId :
GB642MSD



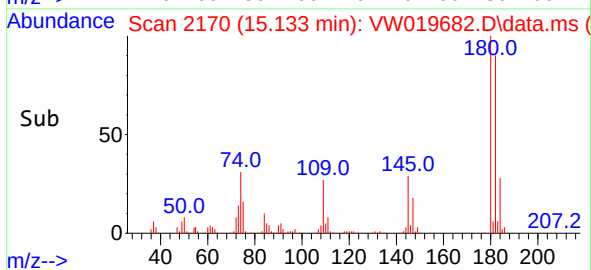
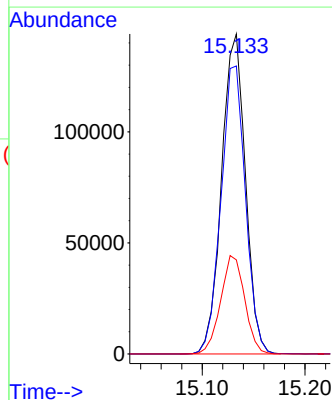
Tgt Ion:180 Resp: 265862
Ion Ratio Lower Upper
180 100
182 92.4 73.4 110.2
184 29.4 23.6 35.4
145 31.0 24.9 37.3

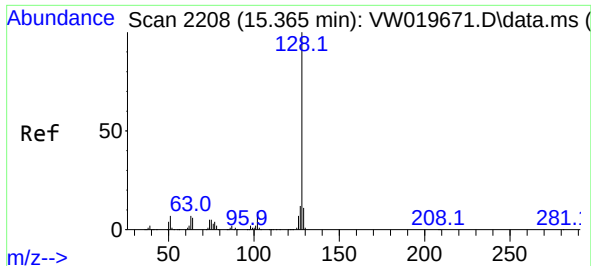


#70
1,2,4-trichlorobenzene
Concen: 24.202 ug/L
RT: 15.133 min Scan# 2170
Delta R.T. 0.000 min
Lab File: VW019682.D
Acq: 05 Aug 2021 14:51



Tgt Ion:180 Resp: 231684
Ion Ratio Lower Upper
180 100
182 92.5 74.7 112.1
145 31.1 25.0 37.4



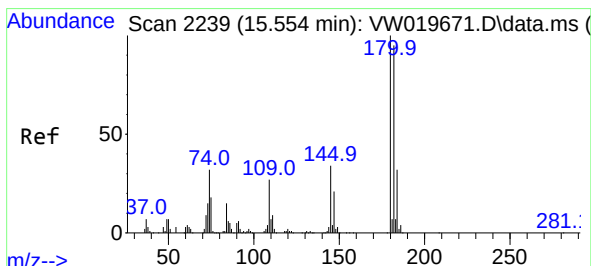
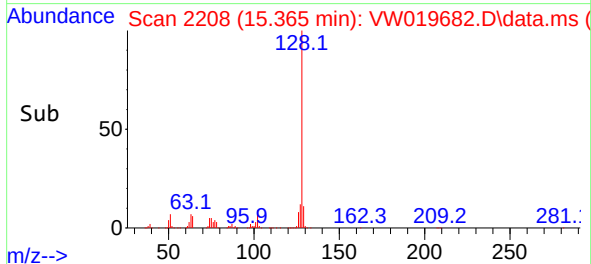
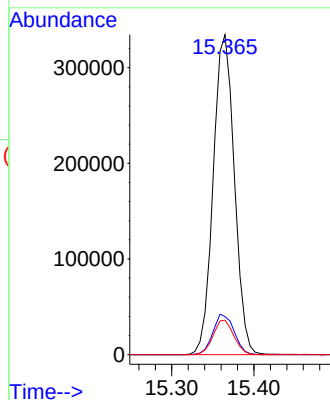
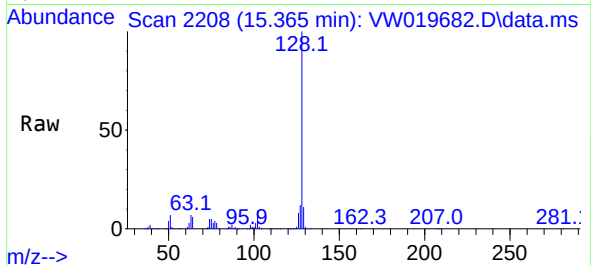


#71
Naphthalene
Concen: 30.908 ug/L
RT: 15.365 min Scan# 2208
Delta R.T. 0.000 min
Lab File: VW019682.D
Acq: 05 Aug 2021 14:51

Instrument :
MSVOA_W
ClientSampleId :
GB642MSD

Tgt Ion:128 Resp: 597591

Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.6	15.8
129	10.7	9.0	13.6



#72
1,2,3-Trichlorobenzene
Concen: 25.691 ug/L
RT: 15.554 min Scan# 2239
Delta R.T. 0.000 min
Lab File: VW019682.D
Acq: 05 Aug 2021 14:51

Tgt Ion:180 Resp: 220250

Ion	Ratio	Lower	Upper
180	100		
182	92.8	76.7	115.1
145	34.2	28.9	43.3

