

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW022222\
 Data File : VW022098.D
 Acq On : 22 Feb 2022 14:09
 Operator : SY/VA
 Sample : N1631-04MSD
 Misc : 5.82g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DBRG2MSD

Quant Time: Feb 23 04:34:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020122SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Feb 22 00:39:16 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	107175	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	105351	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	56536	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	28947	22.423	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.680%
7) Chloroethane-d5	2.879	69	25453	25.610	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	102.440%
11) 1,1-Dichloroethene-d2	4.013	63	46512	20.392	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	81.560%
21) 2-Butanone-d5	7.074	46	19254	84.087	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	168.180%#
24) Chloroform-d	7.647	84	61324	24.594	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.360%
26) 1,2-Dichloroethane-d4	8.305	65	33766	27.218	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	108.880%
32) Benzene-d6	8.275	84	112988	21.223	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	84.880%
36) 1,2-Dichloropropane-d6	9.274	67	33415	23.075	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.320%
41) Toluene-d8	10.323	98	110075	20.862	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	83.440%
43) trans-1,3-Dichloroprop...	10.579	79	15348	24.200	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	96.800%
47) 2-Hexanone-d5	10.920	63	17045	80.960	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	161.920%#
56) 1,1,2,2-Tetrachloroeth...	12.688	84	38144	32.296	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	129.200%#
66) 1,2-Dichlorobenzene-d4	13.847	152	44750	21.941	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	87.760%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	11257	45.093	ug/L	98
3) Chloromethane	2.215	50	26618	23.632	ug/L	95
5) Vinyl chloride	2.361	62	41672	25.760	ug/L	98
6) Bromomethane	2.776	94	29297	21.298	ug/L	92
8) Chloroethane	2.916	64	23762	28.585	ug/L	96
9) Trichlorofluoromethane	3.251	101	23069	18.890	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	32193	24.880	ug/L	94
12) 1,1-Dichloroethene	4.037	96	28312	23.710	ug/L	89
13) Acetone	4.123	43	11548	54.000	ug/L	98
14) Carbon disulfide	4.379	76	71536	20.538	ug/L	97
15) Methyl Acetate	4.678	43	14620	37.385	ug/L #	90
16) Methylene chloride	4.909	84	31949	25.583	ug/L	97
17) trans-1,2-Dichloroethene	5.428	96	31699	23.805	ug/L	95
18) Methyl tert-butyl Ether	5.428	73	50356	29.493	ug/L	99
19) 1,1-Dichloroethane	6.214	63	51673	25.046	ug/L	94
20) cis-1,2-Dichloroethene	7.171	96	36047	26.380	ug/L	99
22) 2-Butanone	7.165	43	20066	72.472	ug/L	100
23) Bromochloromethane	7.512	128	18919	28.118	ug/L	87
25) Chloroform	7.671	83	61090	26.160	ug/L	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW022222\
 Data File : VW022098.D
 Acq On : 22 Feb 2022 14:09
 Operator : SY/VA
 Sample : N1631-04MSD
 Misc : 5.82g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DBRG2MSD

Quant Time: Feb 23 04:34:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020122SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Feb 22 00:39:16 2022
 Response via : Initial Calibration

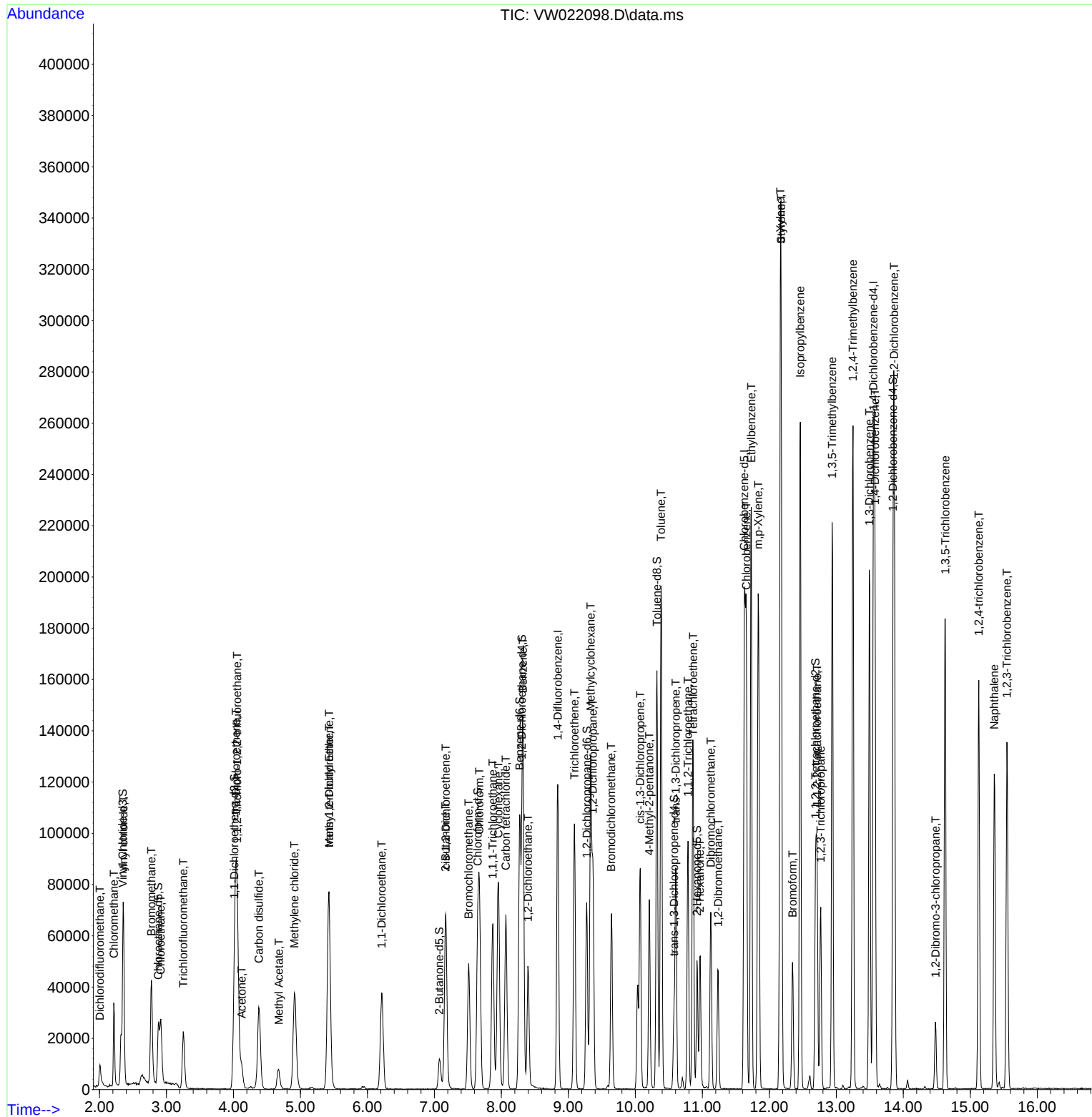
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.396	62	42093	30.622	ug/L	97
29) Cyclohexane	7.958	56	43736	21.149	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	53099	22.775	ug/L	99
31) Carbon tetrachloride	8.067	117	51475	22.557	ug/L	99
33) Benzene	8.323	78	125709	22.758	ug/L	100
34) Trichloroethene	9.091	95	35277	22.463	ug/L	96
35) Methylcyclohexane	9.335	83	54498	20.569	ug/L	98
37) 1,2-Dichloropropane	9.366	63	30567	25.196	ug/L	97
38) Bromodichloromethane	9.640	83	44650	25.772	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	49670	25.527	ug/L	97
40) 4-Methyl-2-pentanone	10.207	43	43782	73.556	ug/L	98
42) Toluene	10.384	91	145696	23.270	ug/L	98
44) trans-1,3-Dichloropropene	10.603	75	46269	27.584	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	29806	28.906	ug/L	98
46) Tetrachloroethene	10.866	164	29264	19.991	ug/L	93
48) 2-Hexanone	10.963	43	31942	72.098	ug/L	95
49) Dibromochloromethane	11.128	129	35824	27.589	ug/L	96
50) 1,2-Dibromoethane	11.237	107	29748	29.139	ug/L	93
51) Chlorobenzene	11.658	112	100410	23.564	ug/L	97
52) Ethylbenzene	11.731	91	161106	23.321	ug/L	100
53) m,p-Xylene	11.835	106	66111	23.065	ug/L	99
54) o-Xylene	12.164	106	65126	24.290	ug/L	97
55) Styrene	12.176	104	109855	25.365	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.713	83	37924	33.789	ug/L	95
59) Bromoform	12.347	173	21998	29.461	ug/L #	96
60) Isopropylbenzene	12.463	105	169380	22.931	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	27579	33.485	ug/L	98
62) 1,3,5-Trimethylbenzene	12.938	105	119883	24.472	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	145652	24.403	ug/L	98
64) 1,3-Dichlorobenzene	13.493	146	84366	23.839	ug/L	97
65) 1,4-Dichlorobenzene	13.578	146	85538	24.146	ug/L	94
67) 1,2-Dichlorobenzene	13.865	146	81291	25.844	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	6249	37.293	ug/L	98
69) 1,3,5-Trichlorobenzene	14.627	180	58850	23.129	ug/L	97
70) 1,2,4-trichlorobenzene	15.127	180	49304	24.395	ug/L	98
71) Naphthalene	15.359	128	108169	32.804	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	45241	26.190	ug/L	97

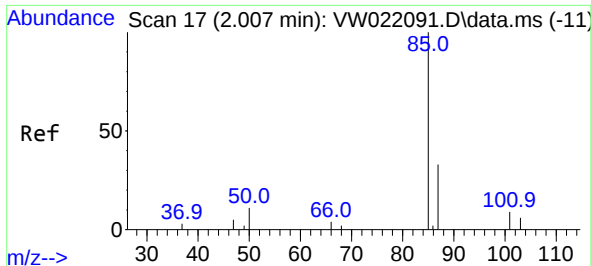
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW022222\
 Data File : VW022098.D
 Acq On : 22 Feb 2022 14:09
 Operator : SY/VA
 Sample : N1631-04MSD
 Misc : 5.82g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DBRG2MSD

Quant Time: Feb 23 04:34:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020122SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Feb 22 00:39:16 2022
 Response via : Initial Calibration

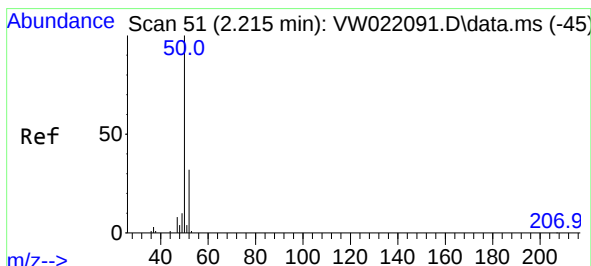
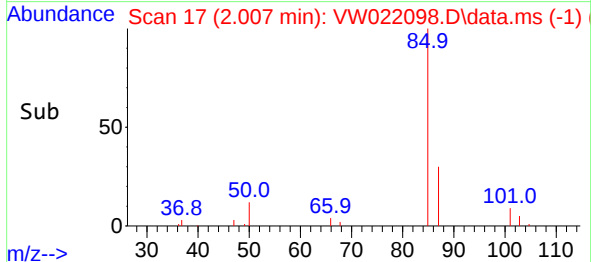
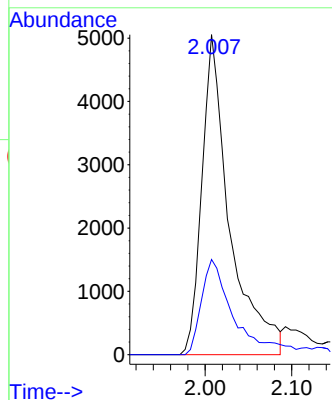
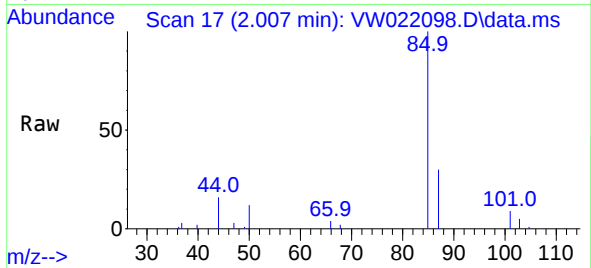




#2
 Dichlorodifluoromethane
 Concen: 45.093 ug/L
 RT: 2.007 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VW022098.D
 Acq: 22 Feb 2022 14:09

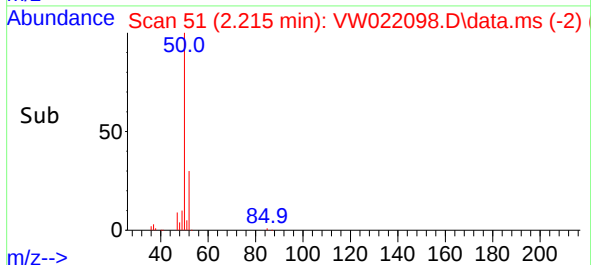
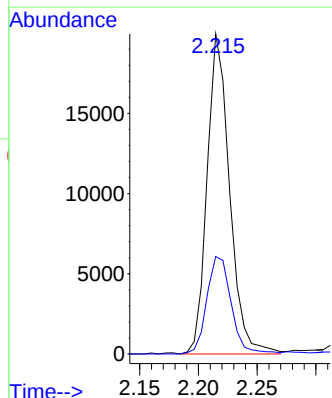
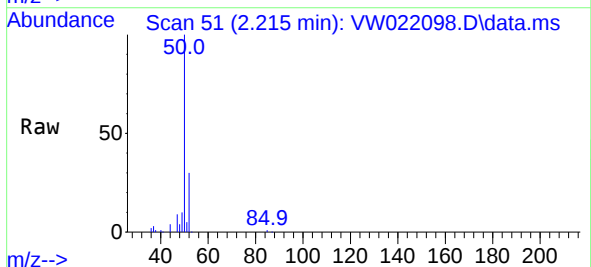
Instrument :
 MSVOA_W
 ClientSampleId :
 DBRG2MSD

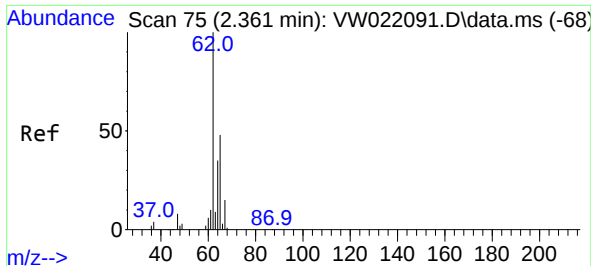
Tgt Ion: 85 Resp: 11257
 Ion Ratio Lower Upper
 85 100
 87 31.6 26.2 39.4



#3
 Chloromethane
 Concen: 23.632 ug/L
 RT: 2.215 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VW022098.D
 Acq: 22 Feb 2022 14:09

Tgt Ion: 50 Resp: 26618
 Ion Ratio Lower Upper
 50 100
 52 30.4 23.3 43.3

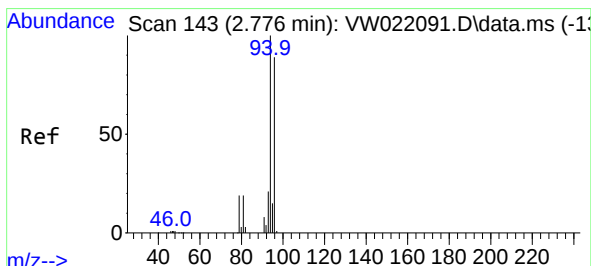
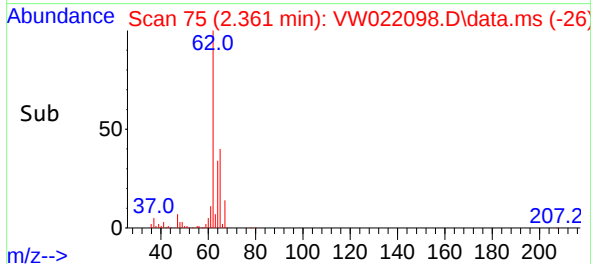
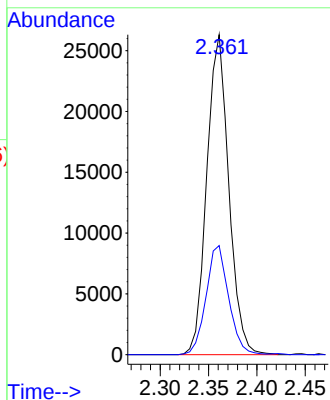
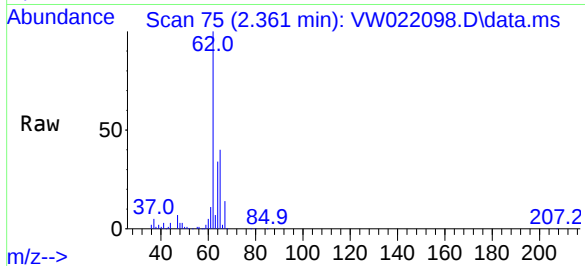




#5
 Vinyl chloride
 Concen: 25.760 ug/L
 RT: 2.361 min Scan# 75
 Delta R.T. -0.000 min
 Lab File: VW022098.D
 Acq: 22 Feb 2022 14:09

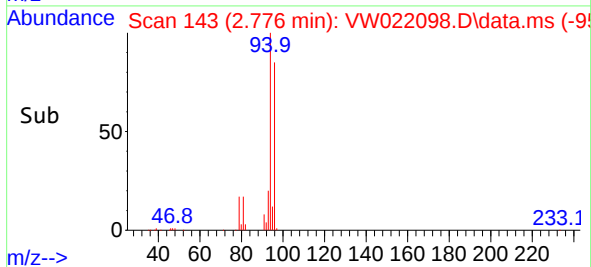
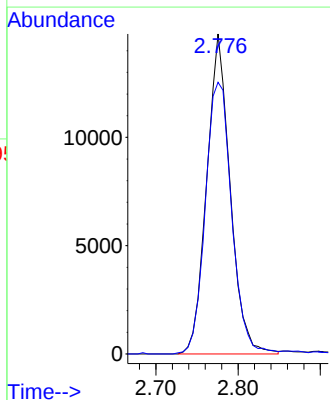
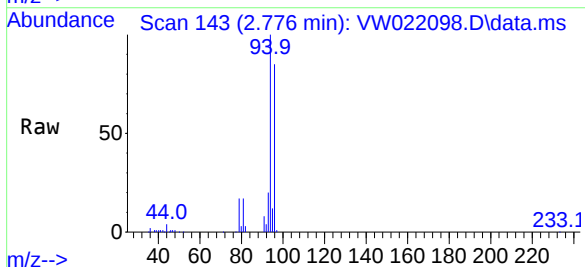
Instrument :
 MSVOA_W
 ClientSampleId :
 DBRG2MSD

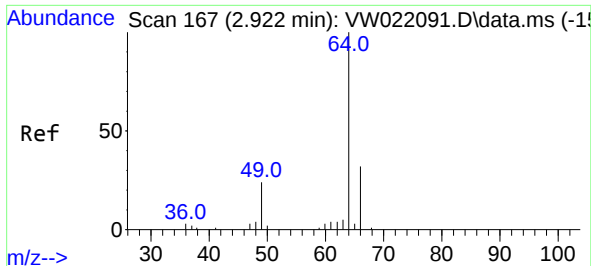
Tgt Ion: 62 Resp: 41672
 Ion Ratio Lower Upper
 62 100
 64 34.1 24.6 45.6



#6
 Bromomethane
 Concen: 21.298 ug/L
 RT: 2.776 min Scan# 143
 Delta R.T. -0.006 min
 Lab File: VW022098.D
 Acq: 22 Feb 2022 14:09

Tgt Ion: 94 Resp: 29297
 Ion Ratio Lower Upper
 94 100
 96 84.9 64.6 120.0

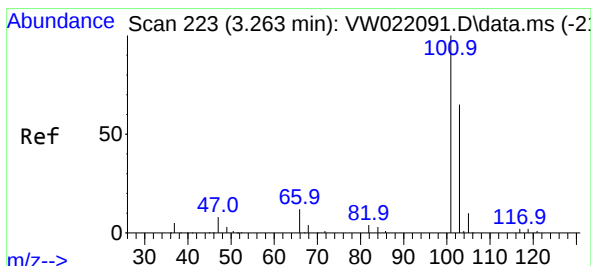
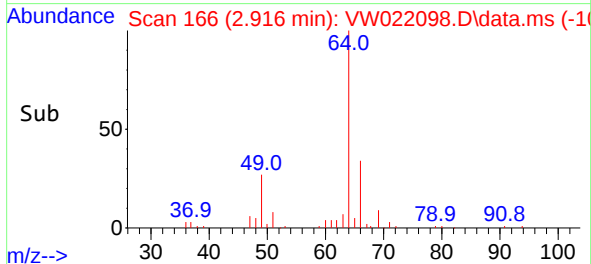
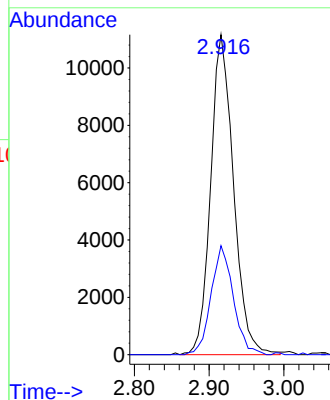
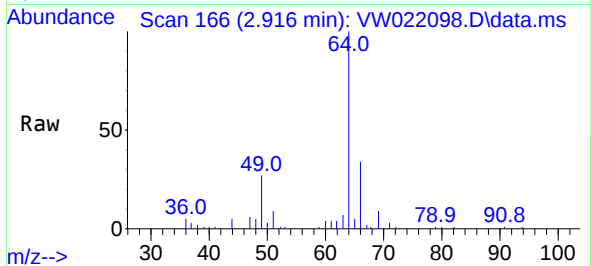




#8
Chloroethane
Concen: 28.585 ug/L
RT: 2.916 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW022098.D
Acq: 22 Feb 2022 14:09

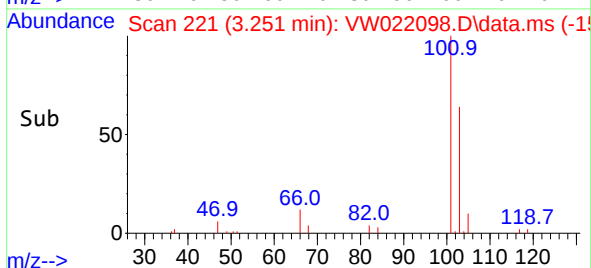
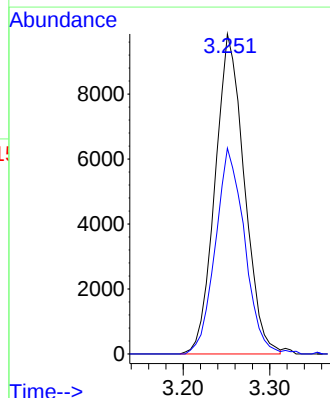
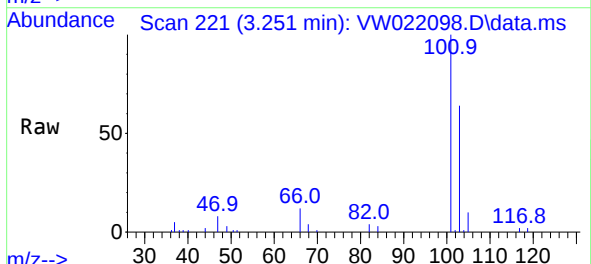
Instrument :
MSVOA_W
ClientSampleId :
DBRG2MSD

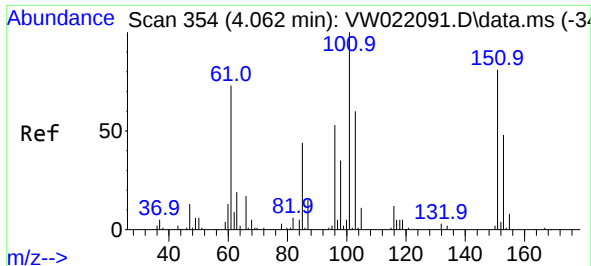
Tgt Ion: 64 Resp: 23762
Ion Ratio Lower Upper
64 100
66 34.1 22.3 41.5



#9
Trichlorofluoromethane
Concen: 18.890 ug/L
RT: 3.251 min Scan# 221
Delta R.T. -0.012 min
Lab File: VW022098.D
Acq: 22 Feb 2022 14:09

Tgt Ion: 101 Resp: 23069
Ion Ratio Lower Upper
101 100
103 64.0 52.9 79.3

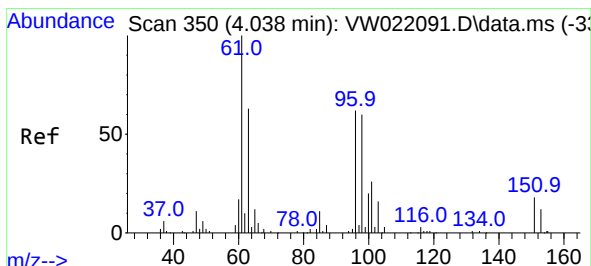
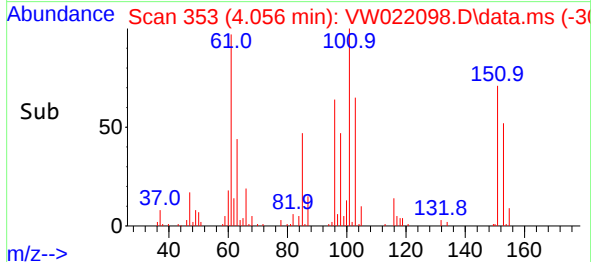
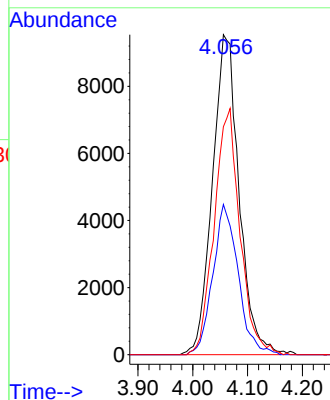
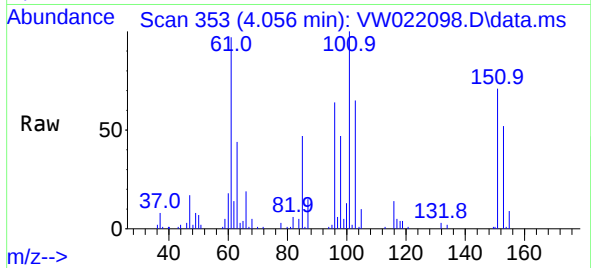




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 24.880 ug/L
RT: 4.056 min Scan# 310
Delta R.T. -0.012 min
Lab File: VW022098.D
Acq: 22 Feb 2022 14:09

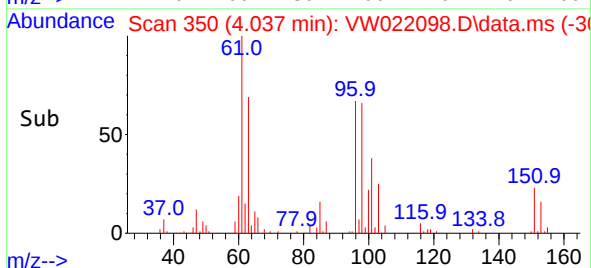
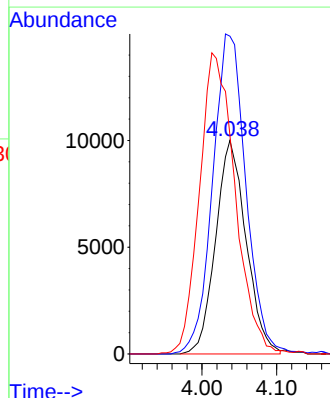
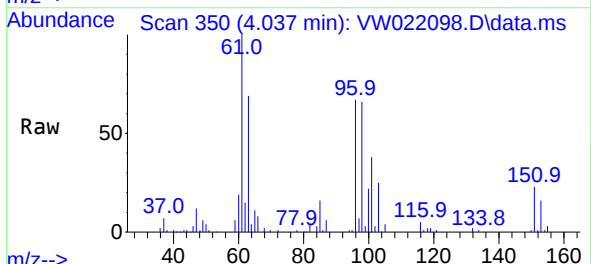
Instrument :
MSVOA_W
ClientSampleId :
DBRG2MSD

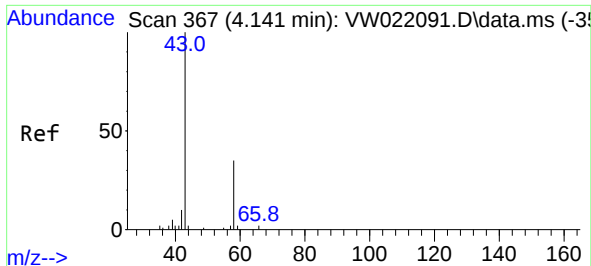
Tgt Ion:101 Resp: 32193
Ion Ratio Lower Upper
101 100
85 44.2 36.8 55.2
151 73.8 64.1 96.1



#12
1,1-Dichloroethene
Concen: 23.710 ug/L
RT: 4.037 min Scan# 350
Delta R.T. -0.000 min
Lab File: VW022098.D
Acq: 22 Feb 2022 14:09

Tgt Ion: 96 Resp: 28312
Ion Ratio Lower Upper
96 100
61 148.8 111.5 207.1
63 102.2 83.1 154.3

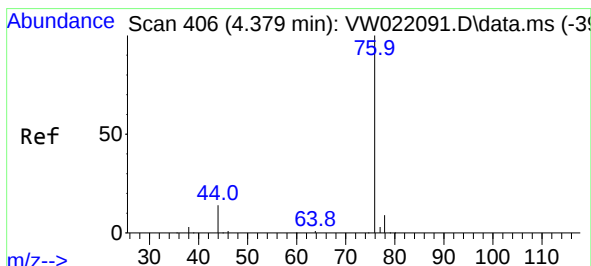
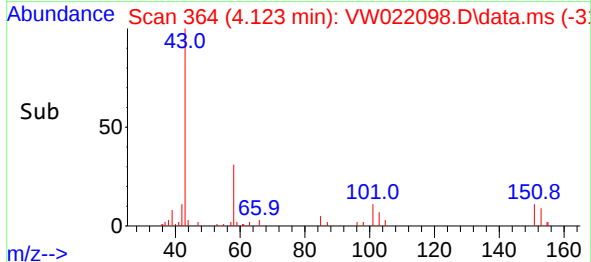
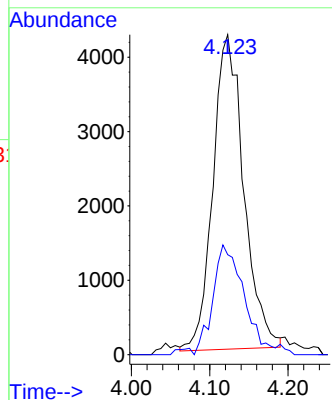
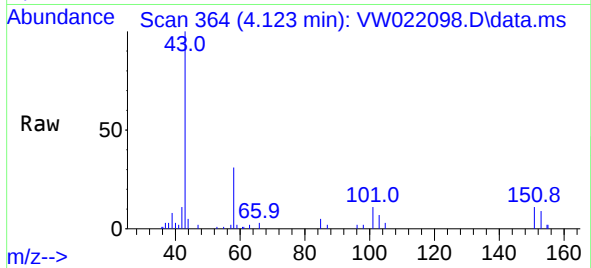




#13
Acetone
Concen: 54.000 ug/L
RT: 4.123 min Scan# 364
Delta R.T. -0.012 min
Lab File: VW022098.D
Acq: 22 Feb 2022 14:09

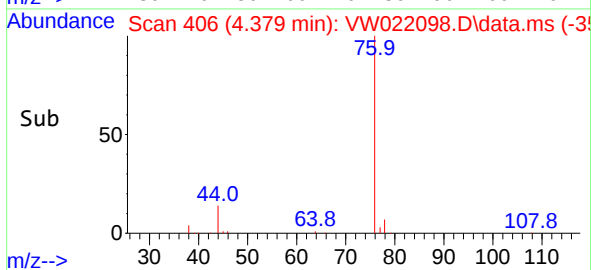
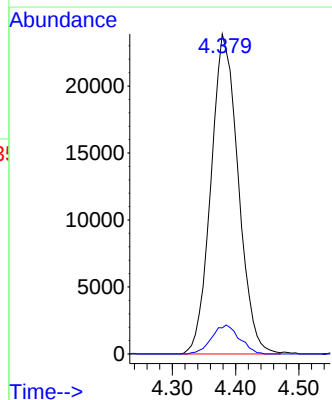
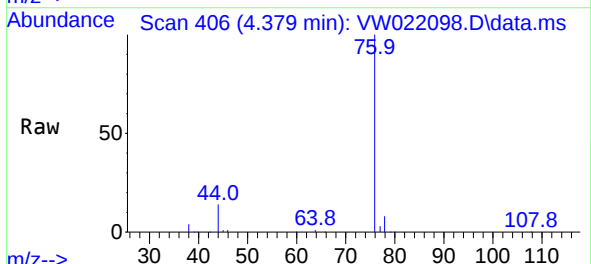
Instrument :
MSVOA_W
ClientSampleId :
DBRG2MSD

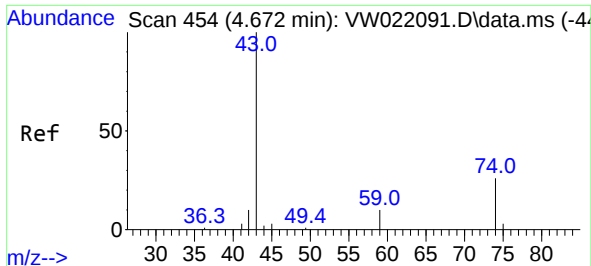
Tgt Ion: 43 Resp: 11548
Ion Ratio Lower Upper
43 100
58 33.9 0.0 66.0



#14
Carbon disulfide
Concen: 20.538 ug/L
RT: 4.379 min Scan# 406
Delta R.T. -0.006 min
Lab File: VW022098.D
Acq: 22 Feb 2022 14:09

Tgt Ion: 76 Resp: 71536
Ion Ratio Lower Upper
76 100
78 8.2 7.4 11.2

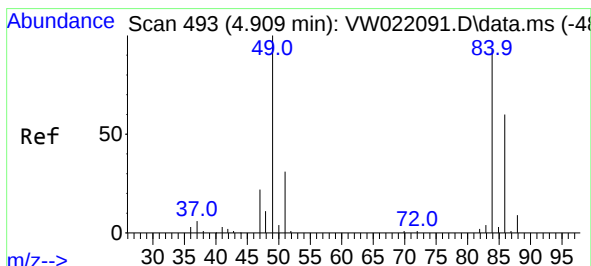
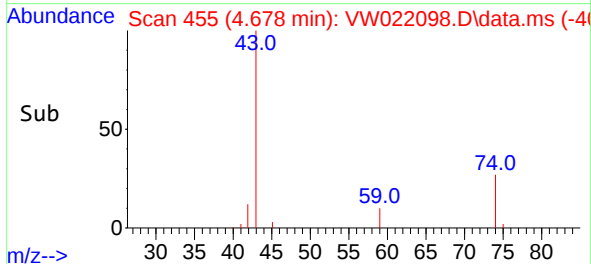
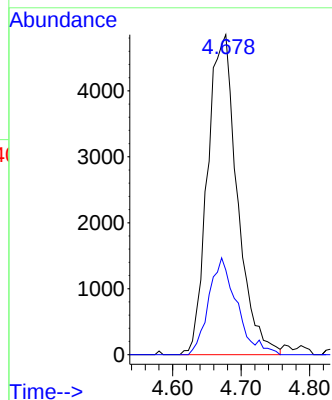
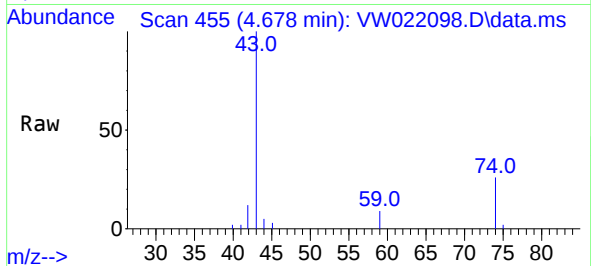




#15
Methyl Acetate
Concen: 37.385 ug/L
RT: 4.678 min Scan# 41
Delta R.T. 0.006 min
Lab File: VW022098.D
Acq: 22 Feb 2022 14:09

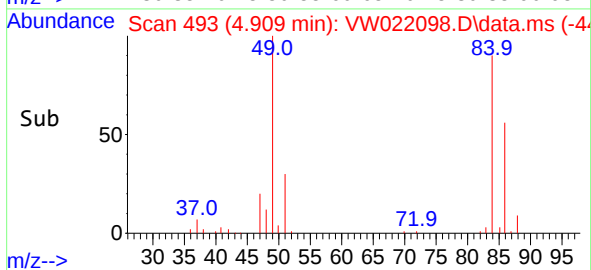
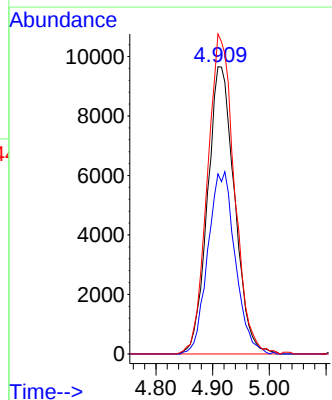
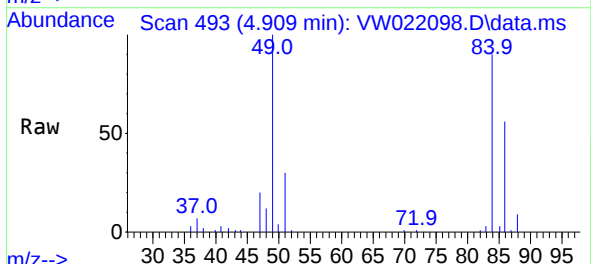
Instrument :
MSVOA_W
ClientSampleId :
DBRG2MSD

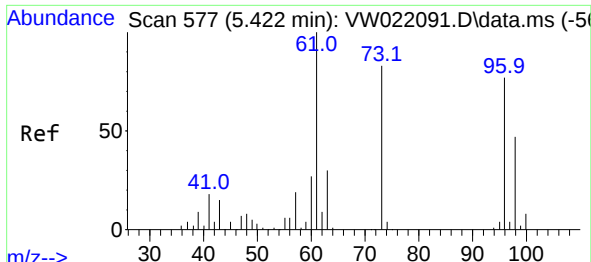
Tgt Ion: 43 Resp: 14620
Ion Ratio Lower Upper
43 100
74 27.4 18.0 27.0#



#16
Methylene chloride
Concen: 25.583 ug/L
RT: 4.909 min Scan# 493
Delta R.T. -0.006 min
Lab File: VW022098.D
Acq: 22 Feb 2022 14:09

Tgt Ion: 84 Resp: 31949
Ion Ratio Lower Upper
84 100
86 62.7 44.1 81.9
49 111.4 74.7 138.7

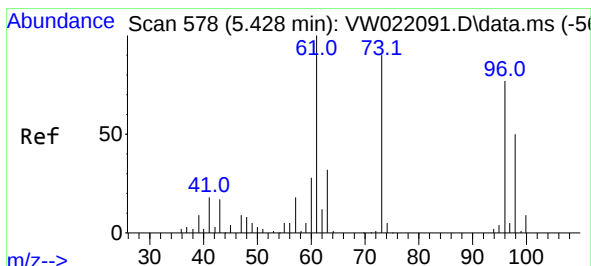
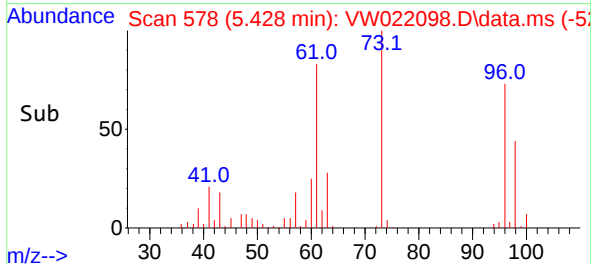
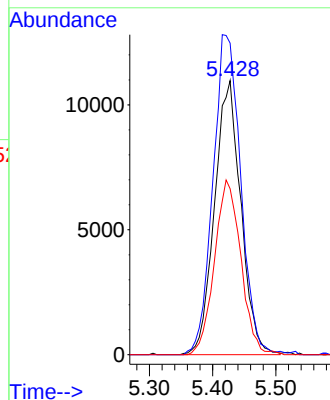
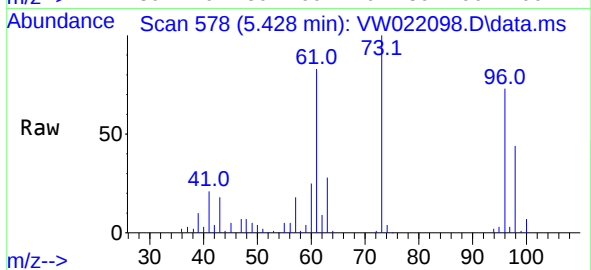




#17
trans-1,2-Dichloroethene
Concen: 23.805 ug/L
RT: 5.428 min Scan# 577
Delta R.T. -0.000 min
Lab File: VW022098.D
Acq: 22 Feb 2022 14:09

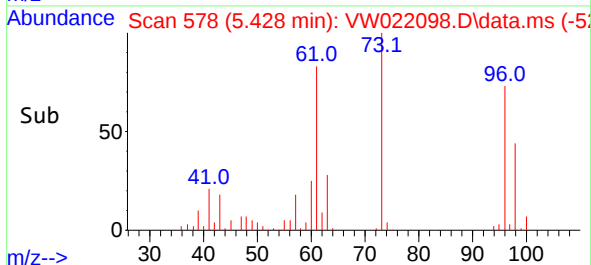
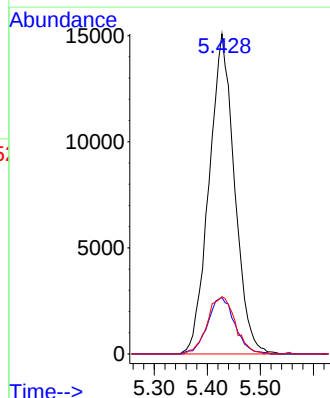
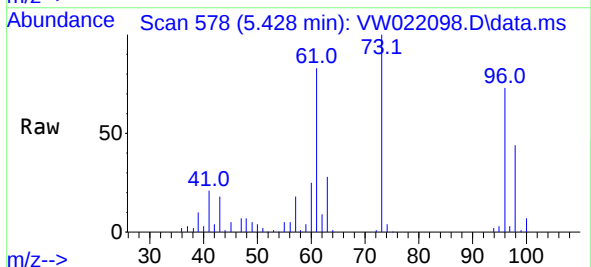
Instrument :
MSVOA_W
ClientSampleId :
DBRG2MSD

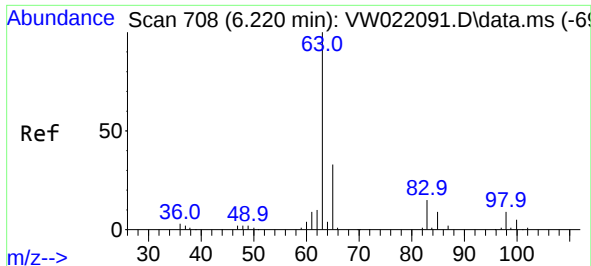
Tgt Ion: 96 Resp: 31699
Ion Ratio Lower Upper
96 100
61 113.7 84.3 156.5
98 60.6 44.6 82.8



#18
Methyl tert-butyl Ether
Concen: 29.493 ug/L
RT: 5.428 min Scan# 578
Delta R.T. -0.000 min
Lab File: VW022098.D
Acq: 22 Feb 2022 14:09

Tgt Ion: 73 Resp: 50356
Ion Ratio Lower Upper
73 100
43 18.6 15.3 22.9
57 19.6 16.3 24.5





#19

1,1-Dichloroethane

Concen: 25.046 ug/L

RT: 6.214 min Scan# 708

Delta R.T. -0.006 min

Lab File: VW022098.D

Acq: 22 Feb 2022 14:09

Instrument :

MSVOA_W

ClientSampleId :

DBRG2MSD

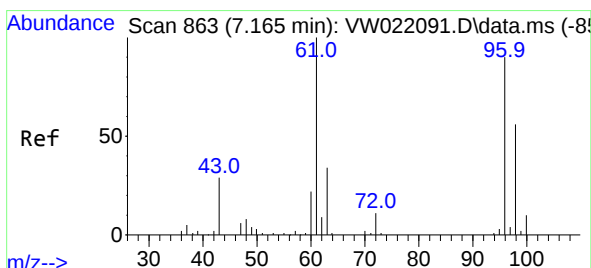
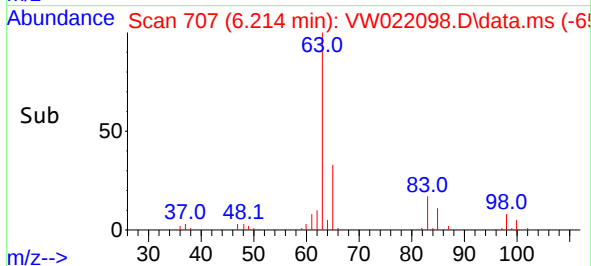
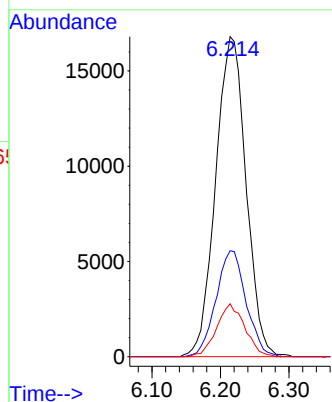
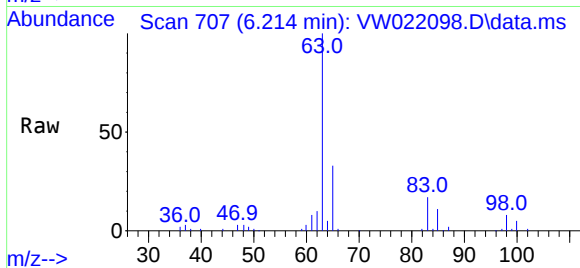
Tgt Ion: 63 Resp: 51673

Ion Ratio Lower Upper

63 100

65 33.1 20.9 38.7

83 16.5 10.2 19.0



#20

cis-1,2-Dichloroethene

Concen: 26.380 ug/L

RT: 7.171 min Scan# 864

Delta R.T. -0.006 min

Lab File: VW022098.D

Acq: 22 Feb 2022 14:09

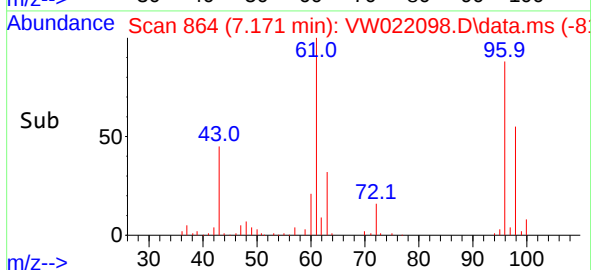
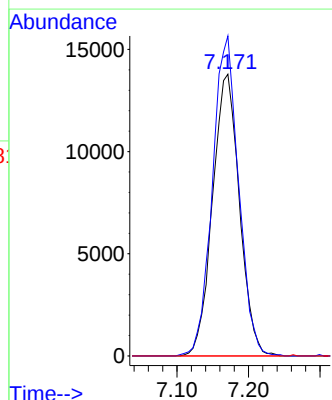
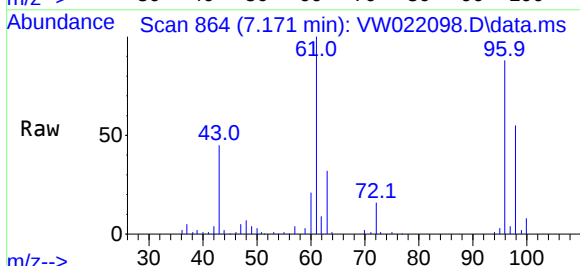
Tgt Ion: 96 Resp: 36047

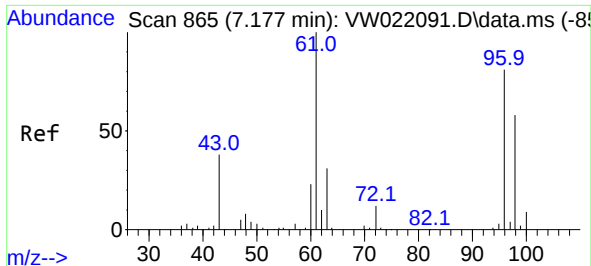
Ion Ratio Lower Upper

96 100

61 113.6 79.0 146.8

68 0.0 0.0 0.0

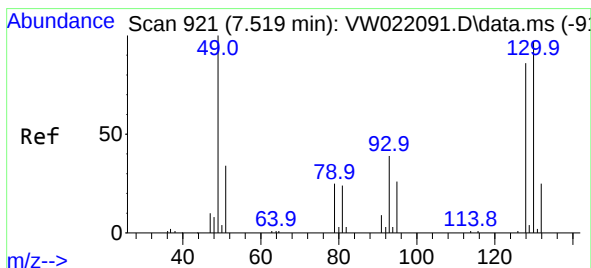
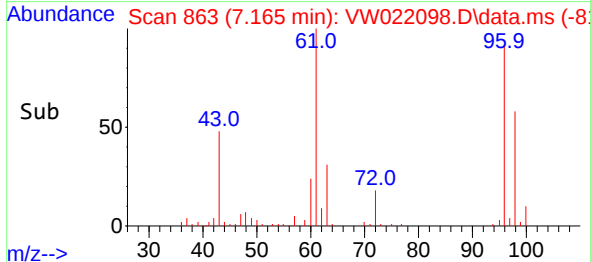
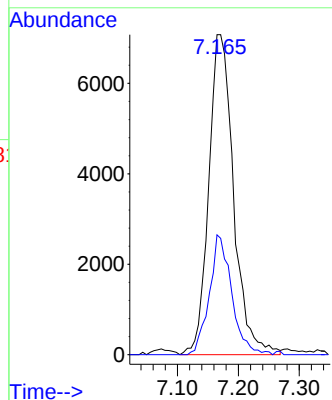
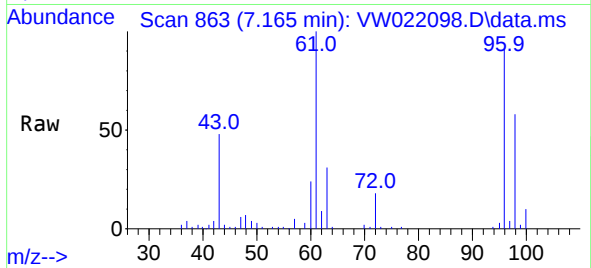




#22
2-Butanone
Concen: 72.472 ug/L
RT: 7.165 min Scan# 863
Delta R.T. -0.006 min
Lab File: VW022098.D
Acq: 22 Feb 2022 14:09

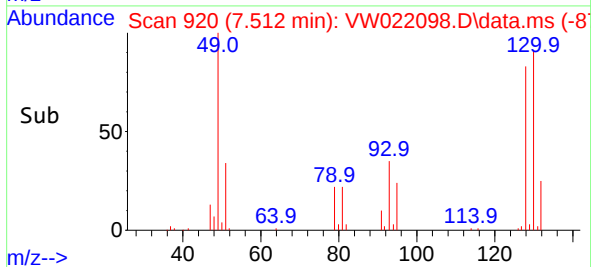
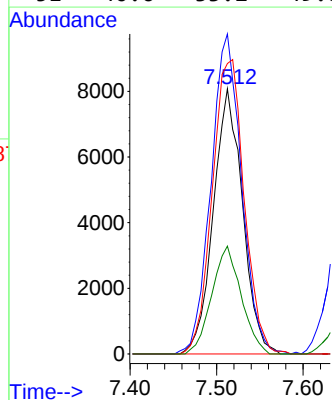
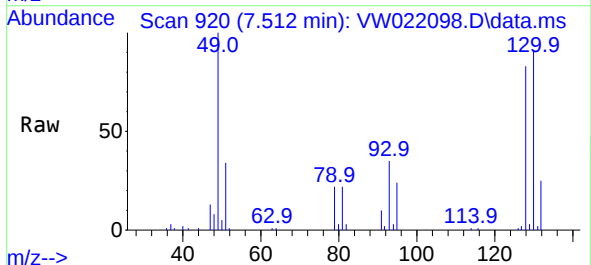
Instrument :
MSVOA_W
ClientSampleId :
DBRG2MSD

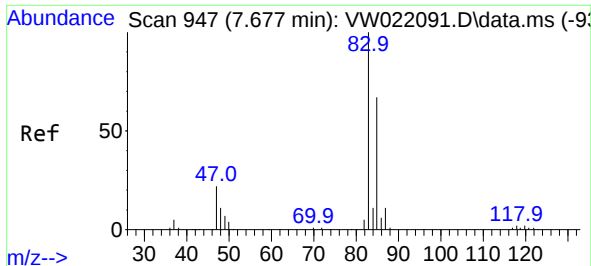
Tgt Ion: 43 Resp: 20066
Ion Ratio Lower Upper
43 100
72 33.5 16.8 50.4



#23
Bromochloromethane
Concen: 28.118 ug/L
RT: 7.512 min Scan# 920
Delta R.T. -0.000 min
Lab File: VW022098.D
Acq: 22 Feb 2022 14:09

Tgt Ion: 128 Resp: 18919
Ion Ratio Lower Upper
128 100
49 120.7 92.7 172.3
130 109.5 92.5 171.7
51 40.6 33.2 49.8





#25

Chloroform

Concen: 26.160 ug/L

RT: 7.671 min Scan# 94

Delta R.T. -0.006 min

Lab File: VW022098.D

Acq: 22 Feb 2022 14:09

Instrument :

MSVOA_W

ClientSampleId :

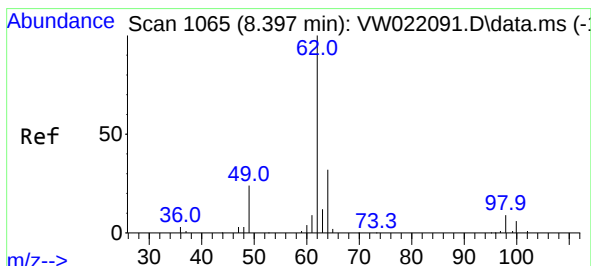
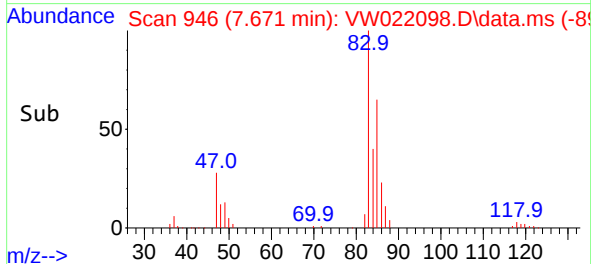
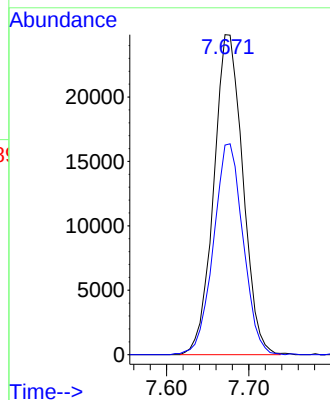
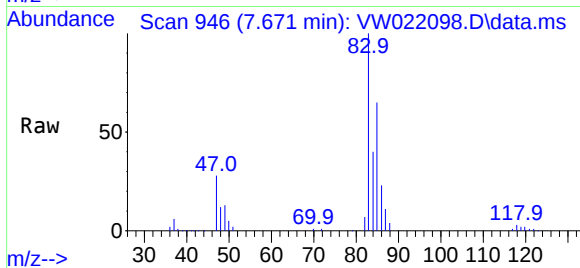
DBRG2MSD

Tgt Ion: 83 Resp: 61090

Ion Ratio Lower Upper

83 100

85 65.5 44.2 82.2



#27

1,2-Dichloroethane

Concen: 30.622 ug/L

RT: 8.396 min Scan# 1065

Delta R.T. -0.006 min

Lab File: VW022098.D

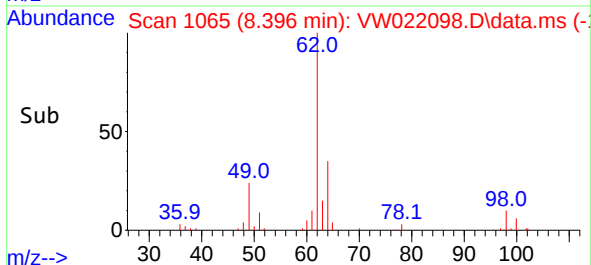
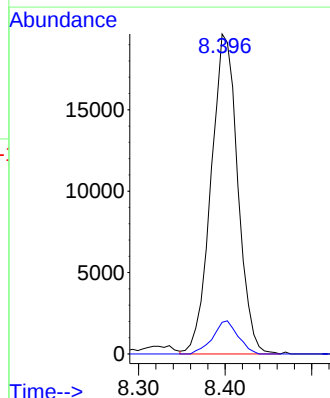
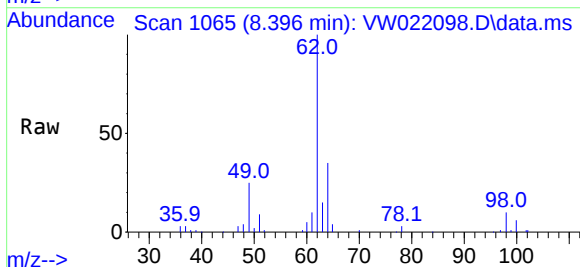
Acq: 22 Feb 2022 14:09

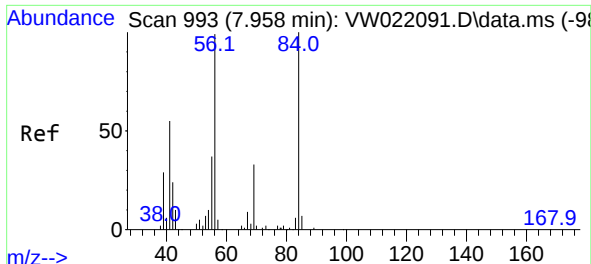
Tgt Ion: 62 Resp: 42093

Ion Ratio Lower Upper

62 100

98 9.9 8.8 13.2





#29

Cyclohexane

Concen: 21.149 ug/L

RT: 7.958 min Scan# 993

Delta R.T. -0.000 min

Lab File: VW022098.D

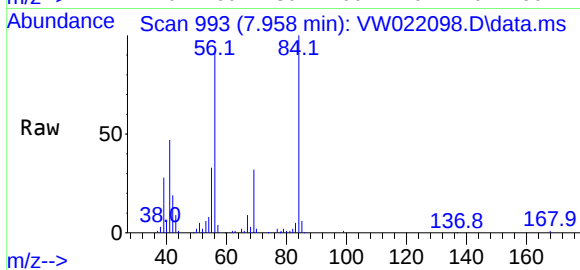
Acq: 22 Feb 2022 14:09

Instrument :

MSVOA_W

ClientSampleId :

DBRG2MSD



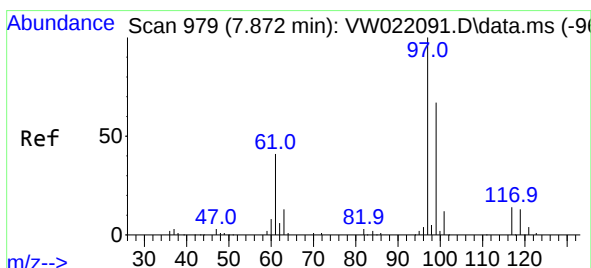
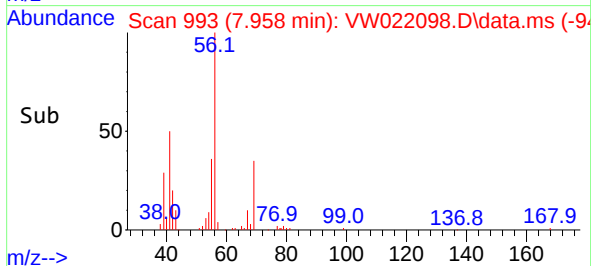
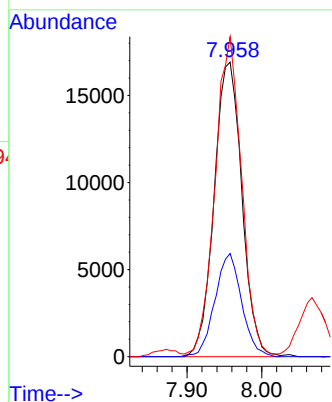
Tgt Ion: 56 Resp: 43736

Ion Ratio Lower Upper

56 100

69 33.7 26.3 39.5

84 103.9 82.3 123.5



#30

1,1,1-Trichloroethane

Concen: 22.775 ug/L

RT: 7.872 min Scan# 979

Delta R.T. -0.000 min

Lab File: VW022098.D

Acq: 22 Feb 2022 14:09

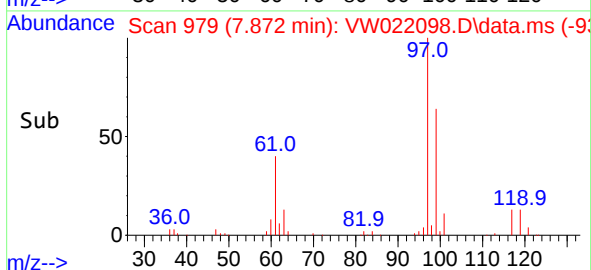
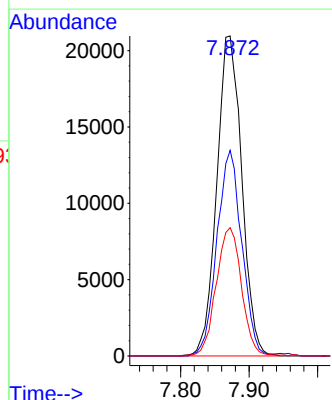
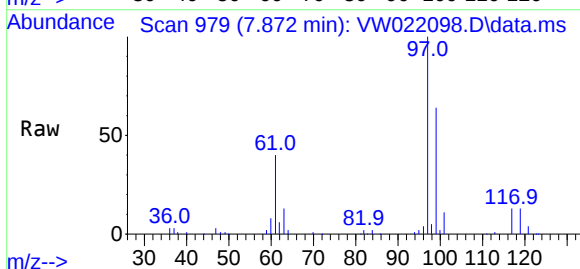
Tgt Ion: 97 Resp: 53099

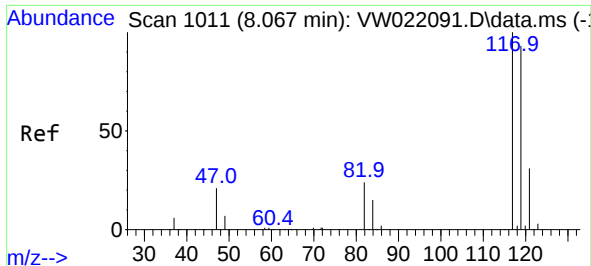
Ion Ratio Lower Upper

97 100

99 63.6 51.6 77.4

61 40.4 32.3 48.5

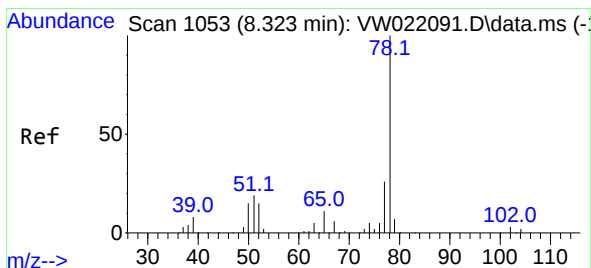
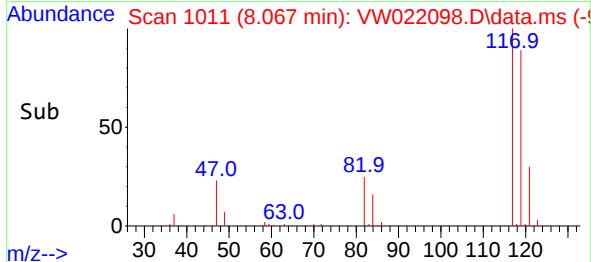
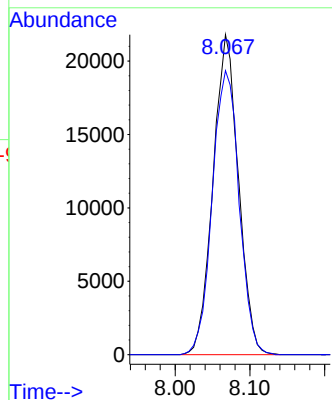
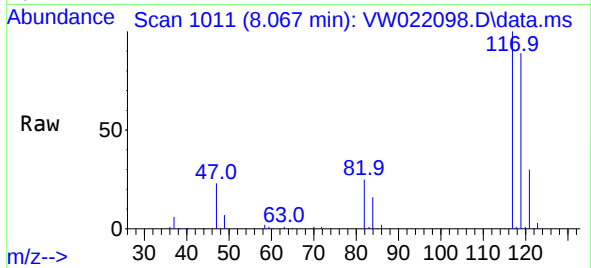




#31
Carbon tetrachloride
Concen: 22.557 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. -0.000 min
Lab File: VW022098.D
Acq: 22 Feb 2022 14:09

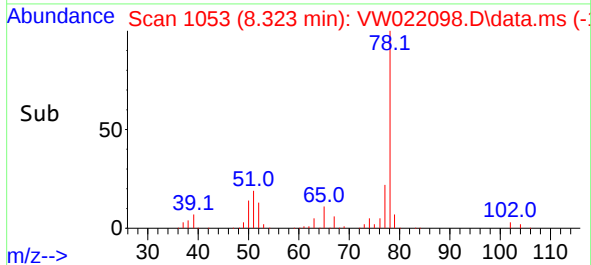
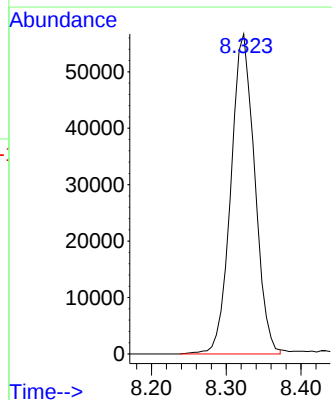
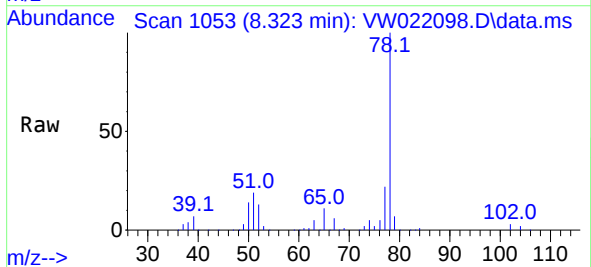
Instrument :
MSVOA_W
ClientSampleId :
DBRG2MSD

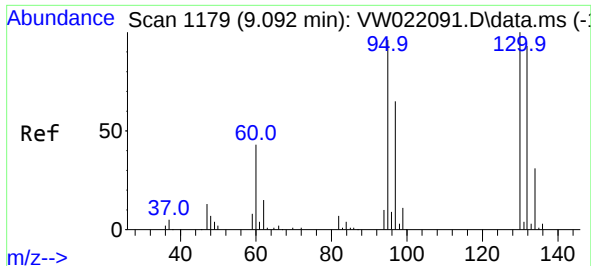
Tgt Ion:117 Resp: 51475
Ion Ratio Lower Upper
117 100
119 93.9 74.7 112.1



#33
Benzene
Concen: 22.758 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW022098.D
Acq: 22 Feb 2022 14:09

Tgt Ion: 78 Resp: 125709

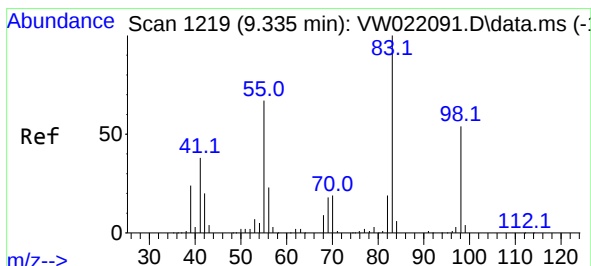
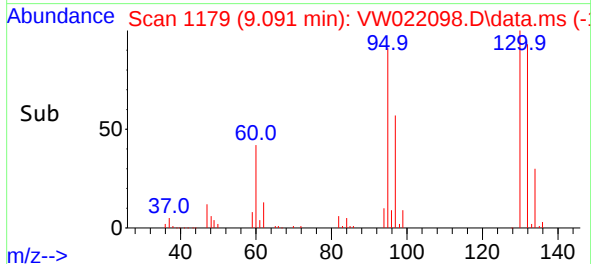
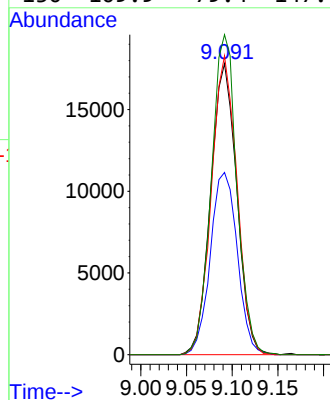
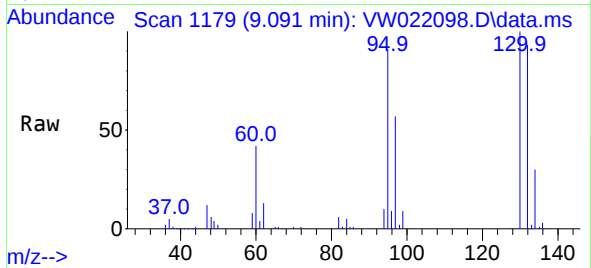




#34
Trichloroethene
Concen: 22.463 ug/L
RT: 9.091 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW022098.D
Acq: 22 Feb 2022 14:09

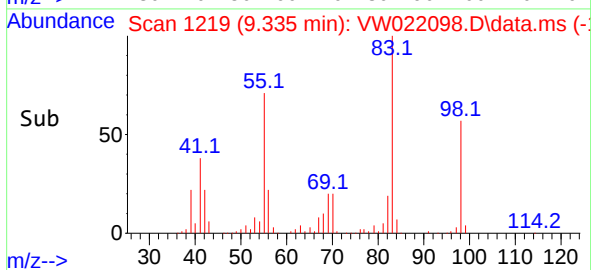
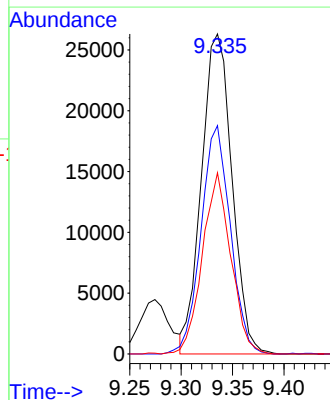
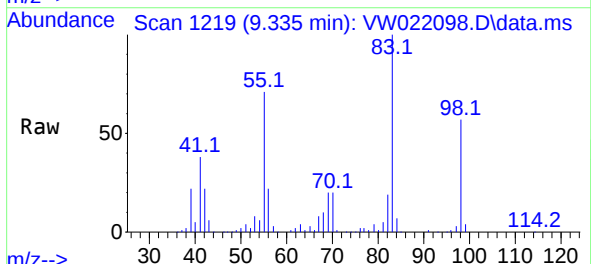
Instrument :
MSVOA_W
ClientSampleId :
DBRG2MSD

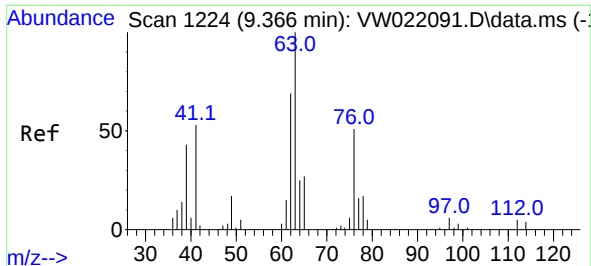
Tgt Ion: 95 Resp: 35277
Ion Ratio Lower Upper
95 100
97 62.6 45.1 83.7
132 102.6 76.1 141.3
130 109.9 79.4 147.4



#35
Methylcyclohexane
Concen: 20.569 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VW022098.D
Acq: 22 Feb 2022 14:09

Tgt Ion: 83 Resp: 54498
Ion Ratio Lower Upper
83 100
55 68.6 53.4 80.2
98 52.7 42.6 63.8





#37

1,2-Dichloropropane

Concen: 25.196 ug/L

RT: 9.366 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW022098.D

Acq: 22 Feb 2022 14:09

Instrument :

MSVOA_W

ClientSampleId :

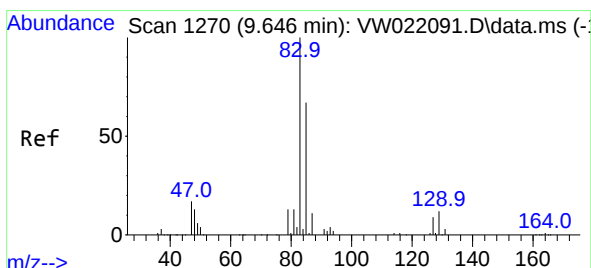
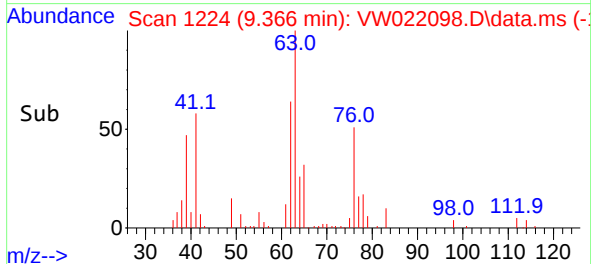
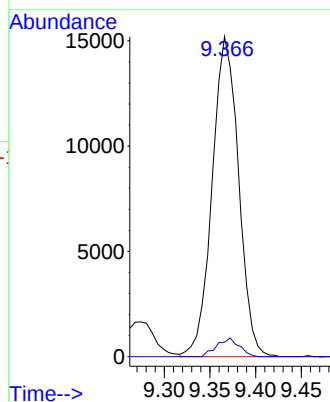
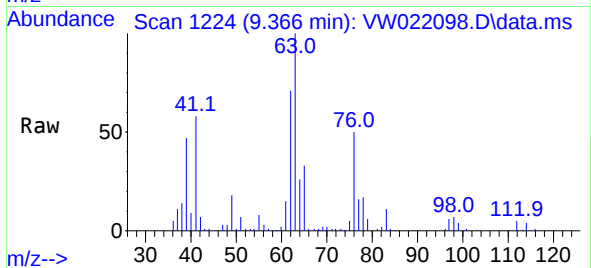
DBRG2MSD

Tgt Ion: 63 Resp: 30567

Ion Ratio Lower Upper

63 100

112 4.9 4.7 7.1



#38

Bromodichloromethane

Concen: 25.772 ug/L

RT: 9.640 min Scan# 1269

Delta R.T. -0.006 min

Lab File: VW022098.D

Acq: 22 Feb 2022 14:09

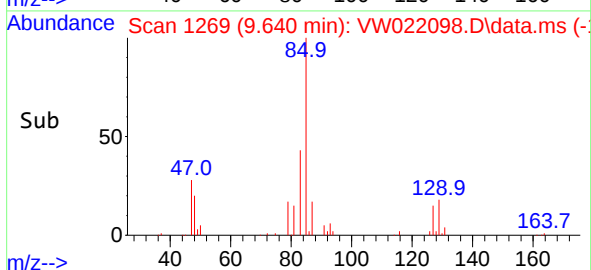
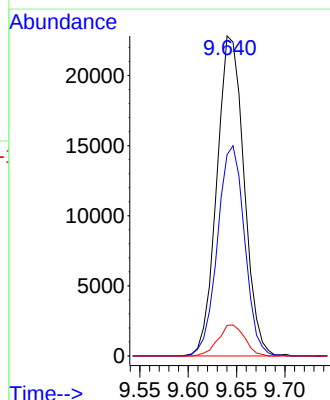
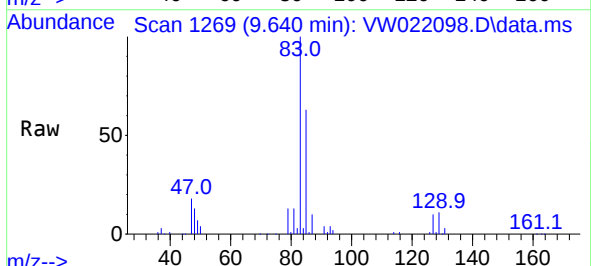
Tgt Ion: 83 Resp: 44650

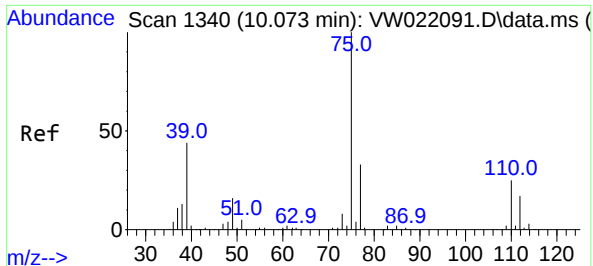
Ion Ratio Lower Upper

83 100

85 62.9 44.7 83.1

127 9.5 7.8 11.6





#39

cis-1,3-Dichloropropene

Concen: 25.527 ug/L

RT: 10.073 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW022098.D

Acq: 22 Feb 2022 14:09

Instrument :

MSVOA_W

ClientSampleId :

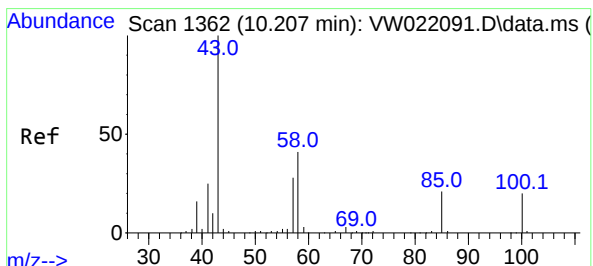
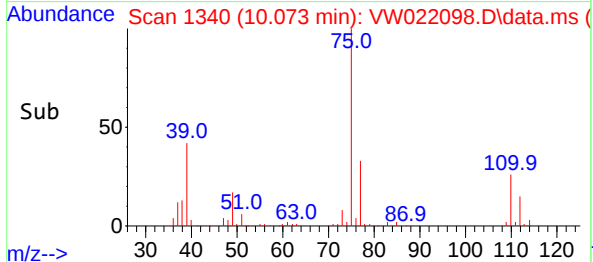
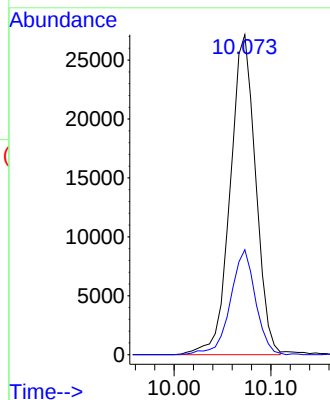
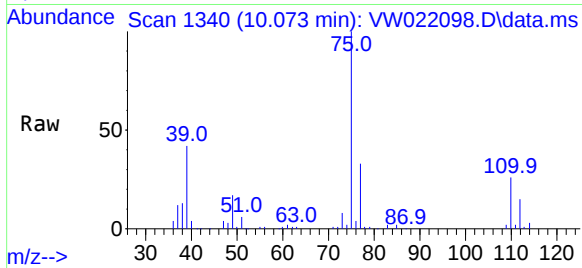
DBRG2MSD

Tgt Ion: 75 Resp: 49670

Ion Ratio Lower Upper

75 100

77 32.8 21.9 40.7



#40

4-Methyl-2-pentanone

Concen: 73.556 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VW022098.D

Acq: 22 Feb 2022 14:09

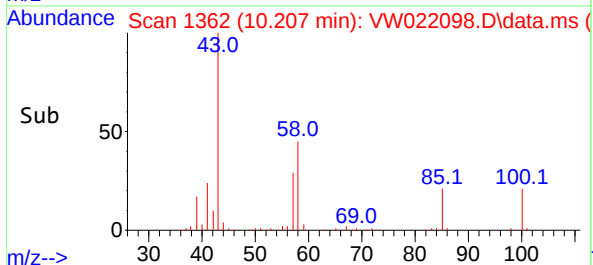
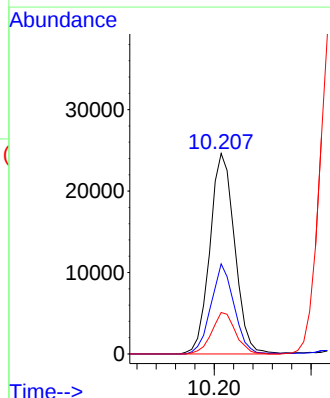
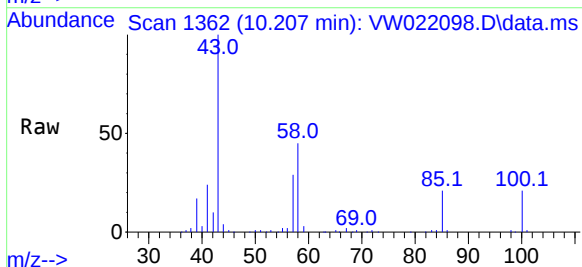
Tgt Ion: 43 Resp: 43782

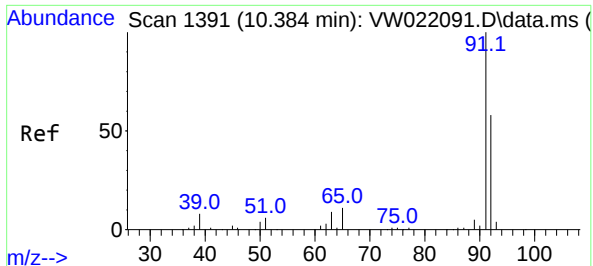
Ion Ratio Lower Upper

43 100

58 42.0 34.4 51.6

100 20.0 17.0 25.4

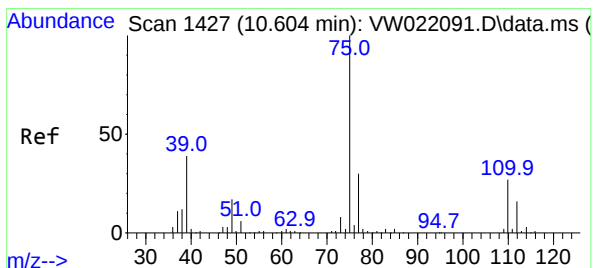
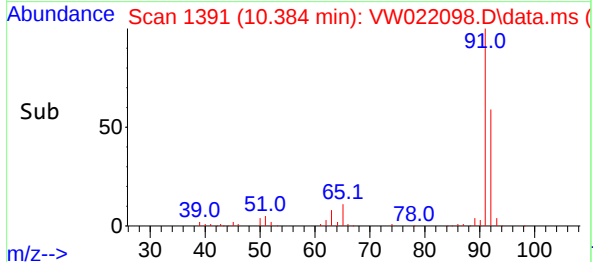
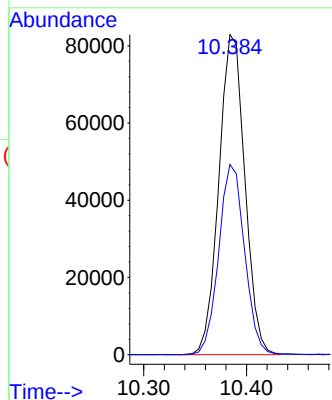
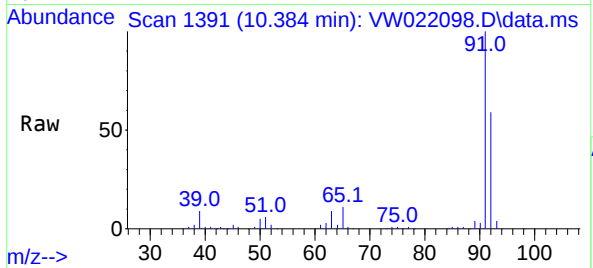




#42
Toluene
Concen: 23.270 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. -0.000 min
Lab File: VW022098.D
Acq: 22 Feb 2022 14:09

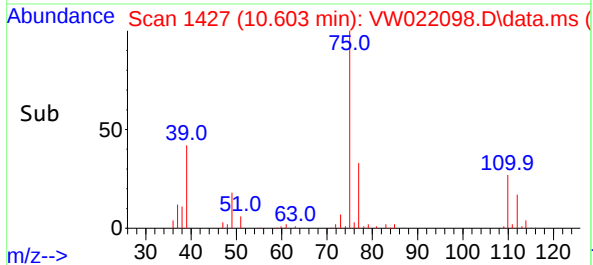
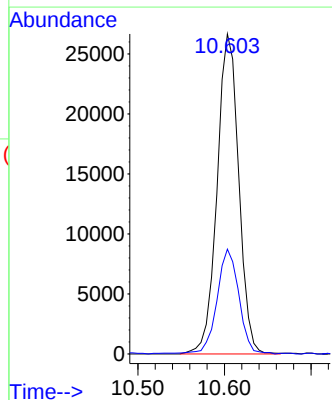
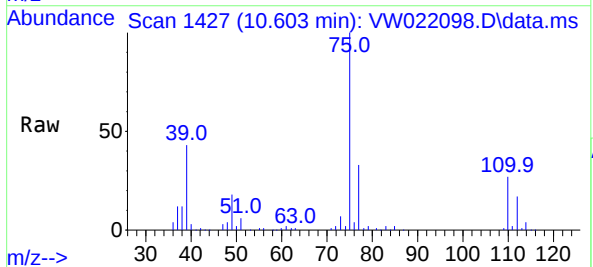
Instrument :
MSVOA_W
ClientSampleId :
DBRG2MSD

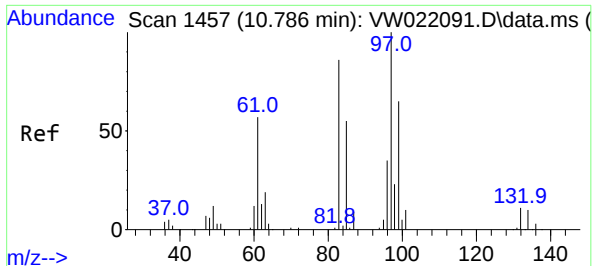
Tgt Ion: 91 Resp: 145696
Ion Ratio Lower Upper
91 100
92 59.5 42.6 79.2



#44
trans-1,3-Dichloropropene
Concen: 27.584 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VW022098.D
Acq: 22 Feb 2022 14:09

Tgt Ion: 75 Resp: 46269
Ion Ratio Lower Upper
75 100
77 32.7 22.1 41.1





#45

1,1,2-Trichloroethane

Concen: 28.906 ug/L

RT: 10.786 min Scan# 14

Delta R.T. -0.000 min

Lab File: VW022098.D

Acq: 22 Feb 2022 14:09

Instrument :

MSVOA_W

ClientSampleId :

DBRG2MSD

Tgt Ion: 97 Resp: 29806

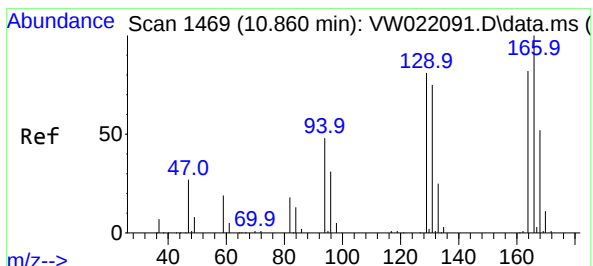
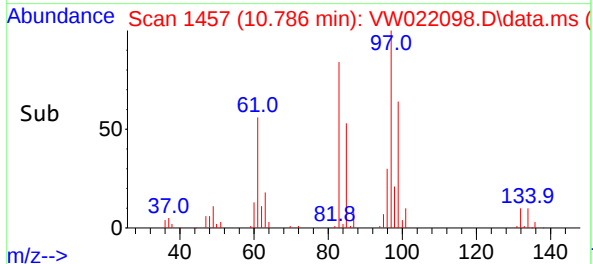
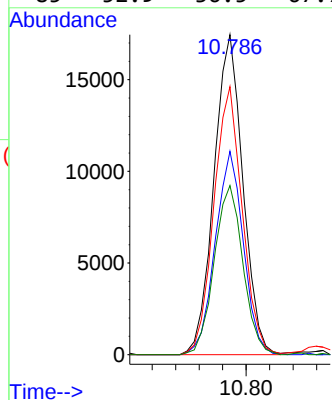
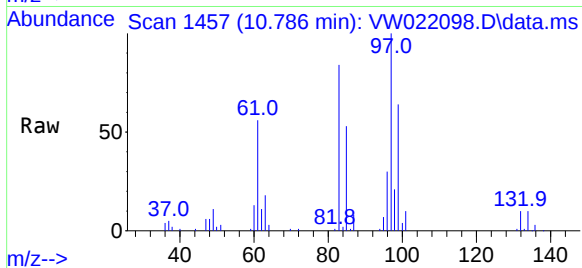
Ion Ratio Lower Upper

97 100

99 63.6 43.8 81.4

83 83.7 56.1 104.3

85 52.9 36.5 67.7



#46

Tetrachloroethene

Concen: 19.991 ug/L

RT: 10.866 min Scan# 1470

Delta R.T. 0.006 min

Lab File: VW022098.D

Acq: 22 Feb 2022 14:09

Tgt Ion:164 Resp: 29264

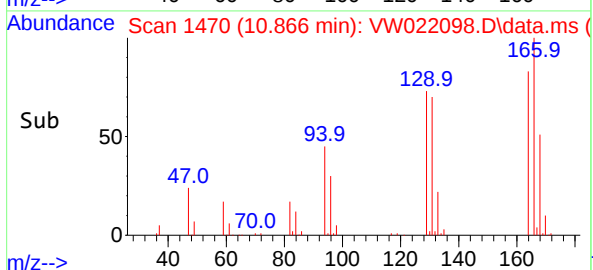
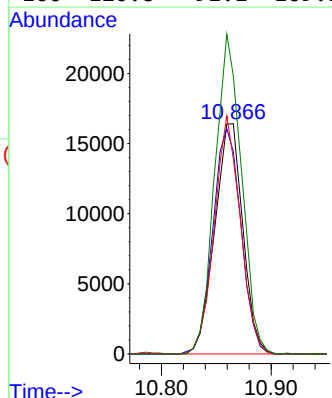
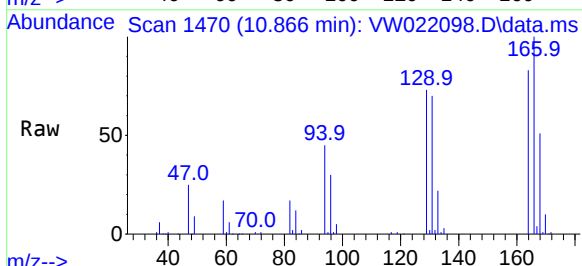
Ion Ratio Lower Upper

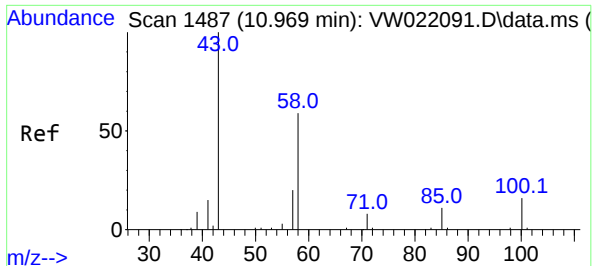
164 100

129 87.8 62.6 116.2

131 84.9 67.1 124.7

166 120.8 91.1 169.1



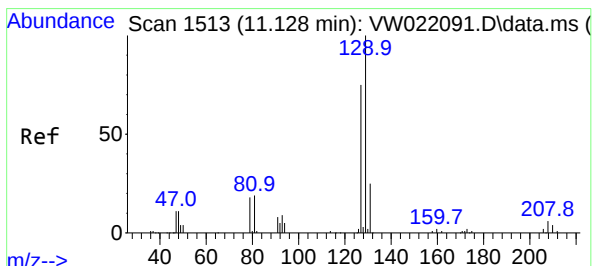
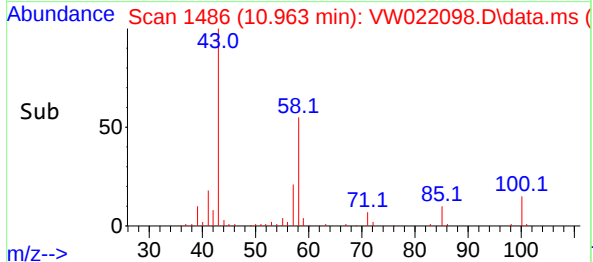
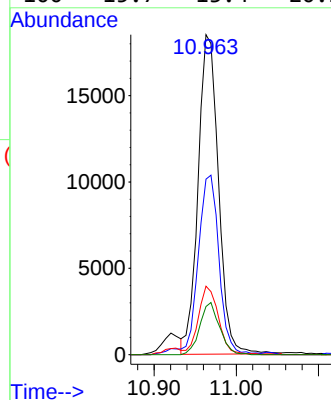
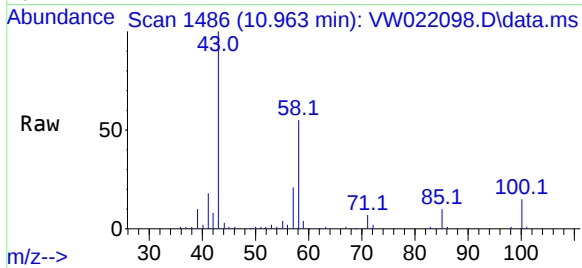


#48
2-Hexanone
Concen: 72.098 ug/L
RT: 10.963 min Scan# 1486
Delta R.T. -0.006 min
Lab File: VW022098.D
Acq: 22 Feb 2022 14:09

Instrument :
MSVOA_W
ClientSampleId :
DBRG2MSD

Tgt Ion: 43 Resp: 31942

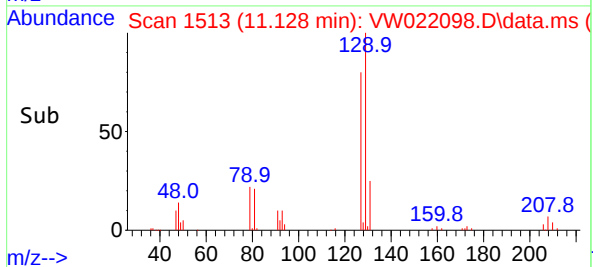
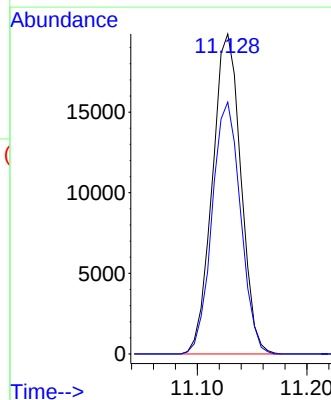
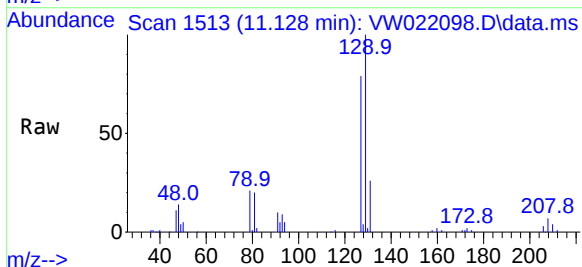
Ion	Ratio	Lower	Upper
43	100		
58	56.6	49.2	73.8
57	20.4	16.6	24.8
100	15.7	13.4	20.2

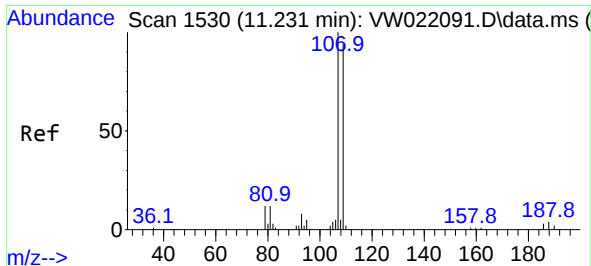


#49
Dibromochloromethane
Concen: 27.589 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW022098.D
Acq: 22 Feb 2022 14:09

Tgt Ion: 129 Resp: 35824

Ion	Ratio	Lower	Upper
129	100		
127	78.7	52.6	97.6

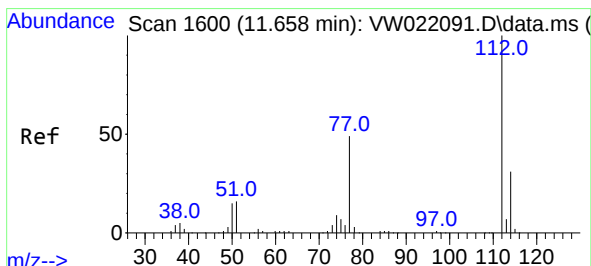
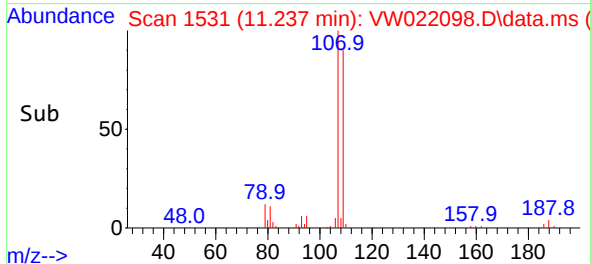
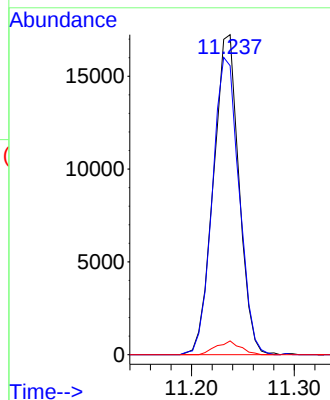
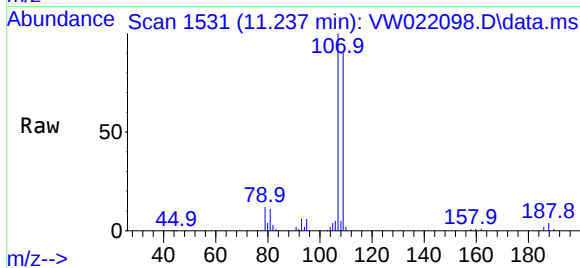




#50
1,2-Dibromoethane
Concen: 29.139 ug/L
RT: 11.237 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW022098.D
Acq: 22 Feb 2022 14:09

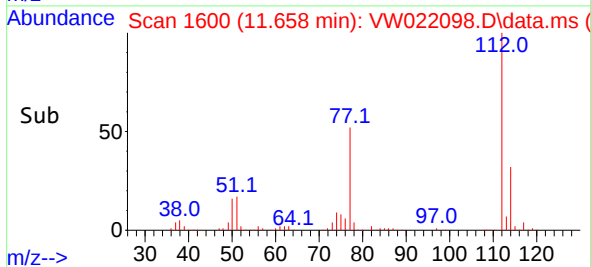
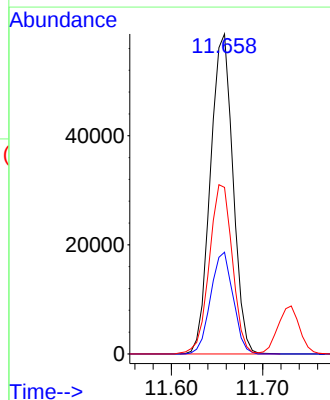
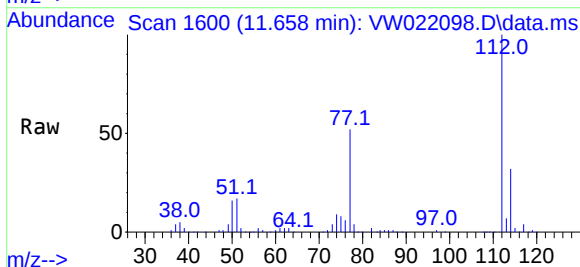
Instrument :
MSVOA_W
ClientSampleId :
DBRG2MSD

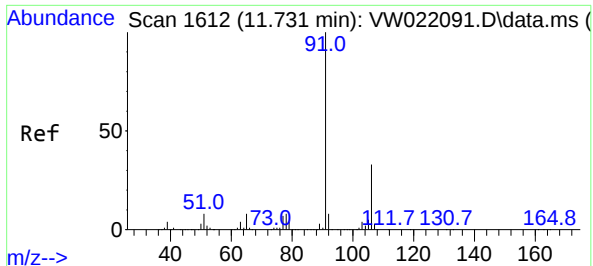
Tgt Ion:	107	Resp:	29748
Ion	Ratio	Lower	Upper
107	100		
109	90.3	68.0	126.2
188	4.3	3.2	4.8



#51
Chlorobenzene
Concen: 23.564 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VW022098.D
Acq: 22 Feb 2022 14:09

Tgt Ion:	112	Resp:	100410
Ion	Ratio	Lower	Upper
112	100		
114	31.8	21.5	39.9
77	52.1	43.6	65.4

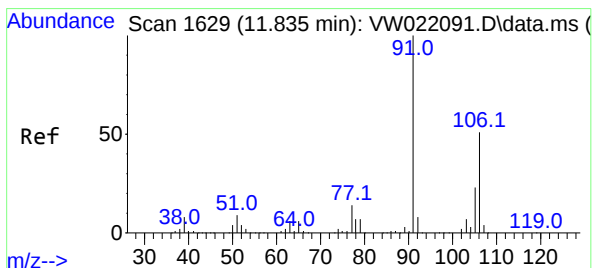
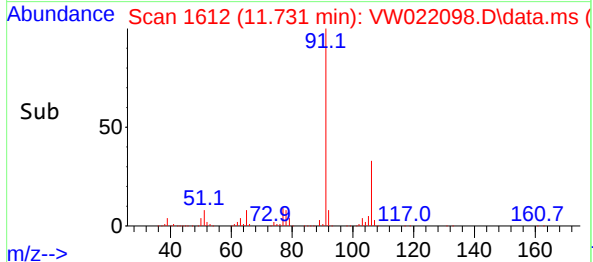
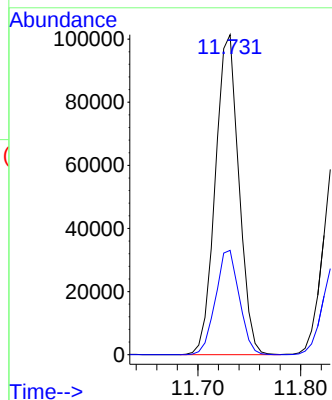
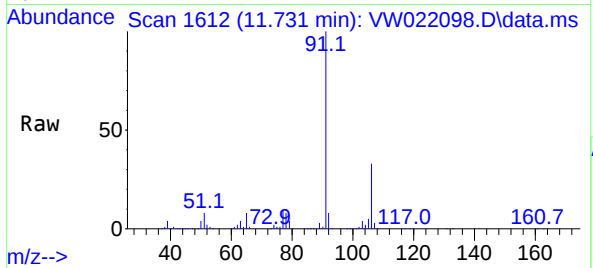




#52
Ethylbenzene
Concen: 23.321 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW022098.D
Acq: 22 Feb 2022 14:09

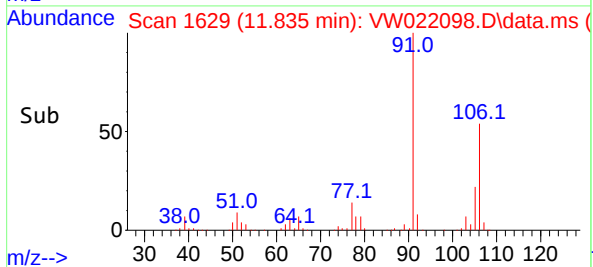
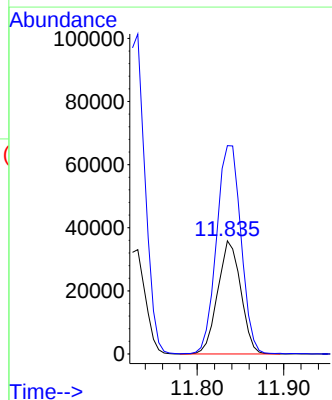
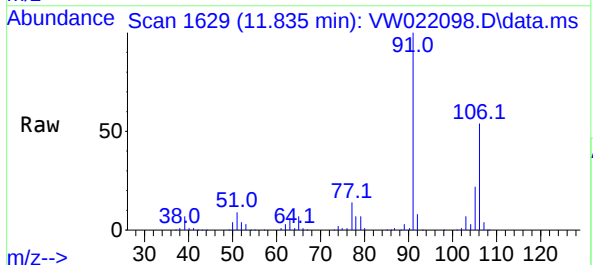
Instrument :
MSVOA_W
ClientSampleId :
DBRG2MSD

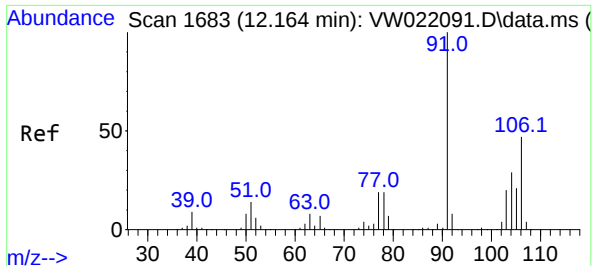
Tgt Ion: 91 Resp: 161106
Ion Ratio Lower Upper
91 100
106 32.6 22.8 42.4



#53
m,p-Xylene
Concen: 23.065 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VW022098.D
Acq: 22 Feb 2022 14:09

Tgt Ion: 106 Resp: 66111
Ion Ratio Lower Upper
106 100
91 184.1 129.6 240.8





#54

o-Xylene

Concen: 24.290 ug/L

RT: 12.164 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW022098.D

Acq: 22 Feb 2022 14:09

Instrument :

MSVOA_W

ClientSampleId :

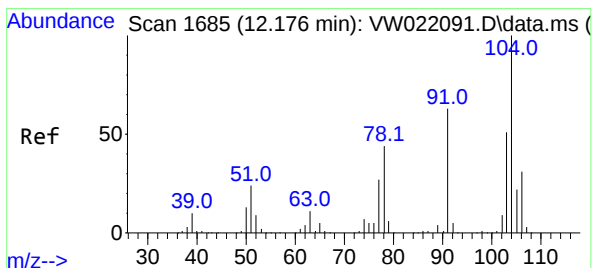
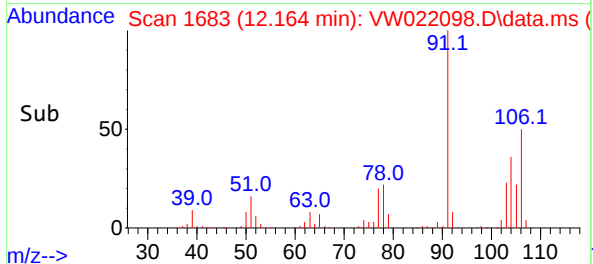
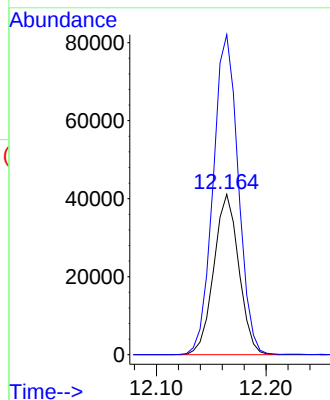
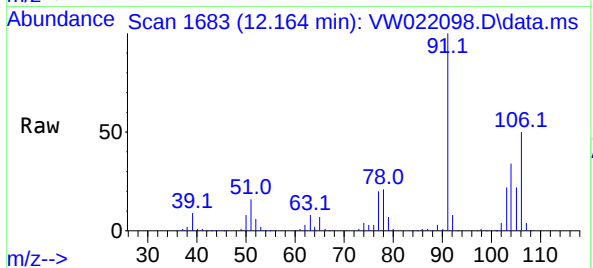
DBRG2MSD

Tgt Ion:106 Resp: 65126

Ion Ratio Lower Upper

106 100

91 199.6 136.4 253.4



#55

Styrene

Concen: 25.365 ug/L

RT: 12.176 min Scan# 1685

Delta R.T. -0.000 min

Lab File: VW022098.D

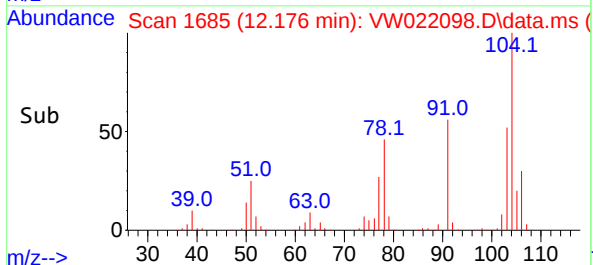
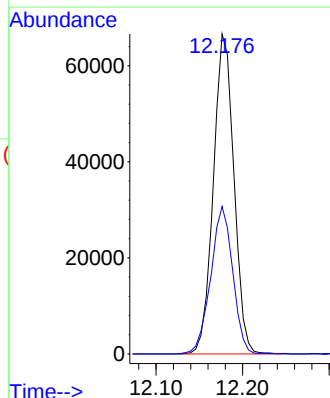
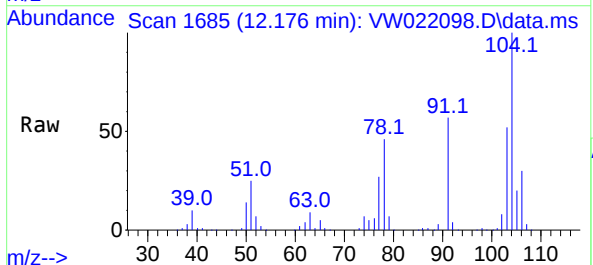
Acq: 22 Feb 2022 14:09

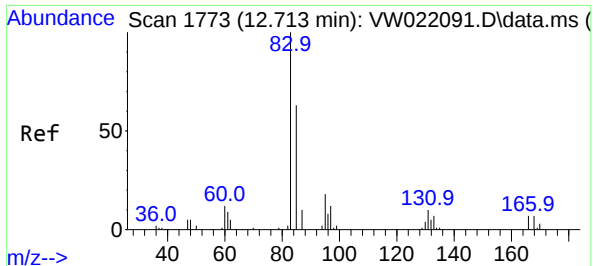
Tgt Ion:104 Resp: 109855

Ion Ratio Lower Upper

104 100

78 46.1 30.9 57.5

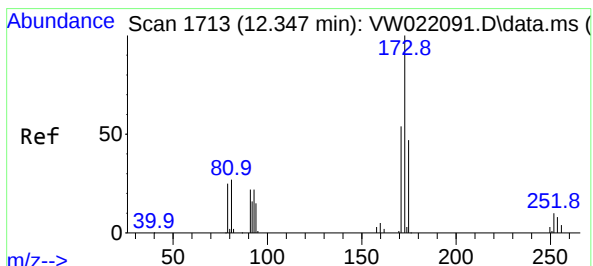
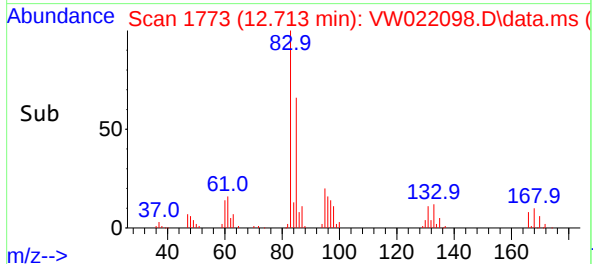
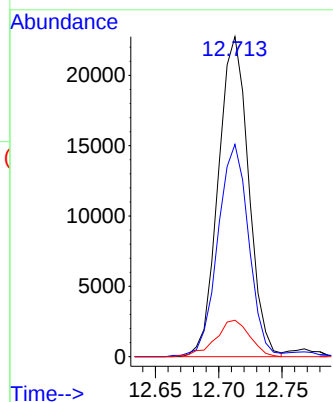
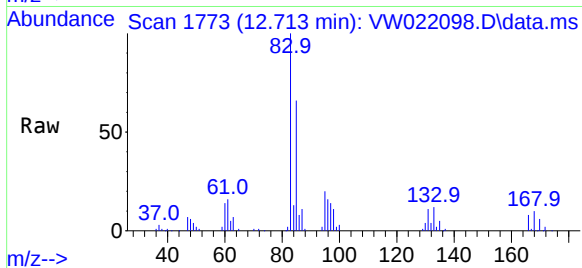




#57
1,1,2,2-Tetrachloroethane
Concen: 33.789 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VW022098.D
Acq: 22 Feb 2022 14:09

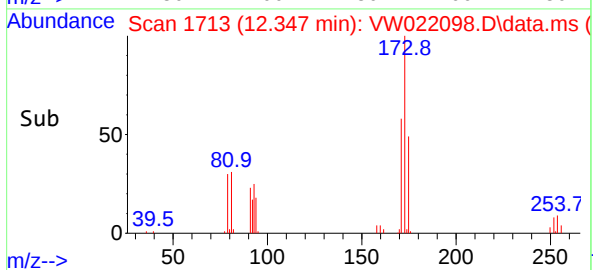
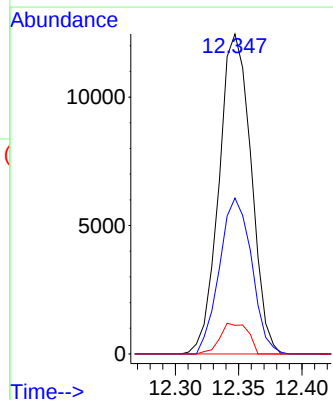
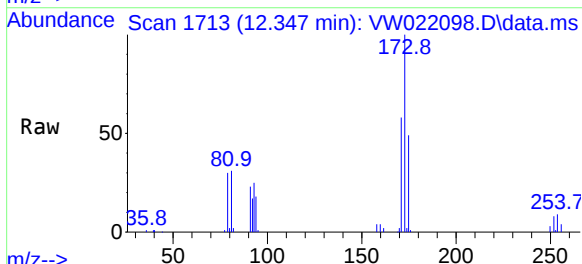
Instrument :
MSVOA_W
ClientSampleId :
DBRG2MSD

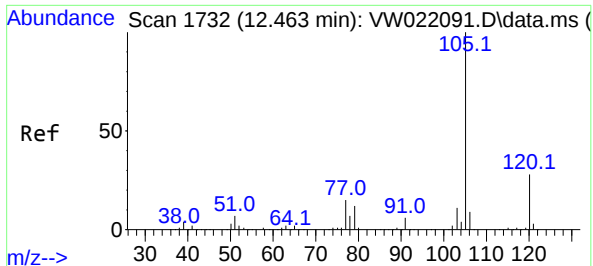
Tgt Ion:	83	Resp:	37924
Ion	Ratio	Lower	Upper
83	100		
85	66.3	43.8	81.3
131	11.4	9.8	14.8



#59
Bromoform
Concen: 29.461 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. -0.000 min
Lab File: VW022098.D
Acq: 22 Feb 2022 14:09

Tgt Ion:	173	Resp:	21998
Ion	Ratio	Lower	Upper
173	100		
175	48.9	41.0	61.4
254	8.4	3.4	5.2

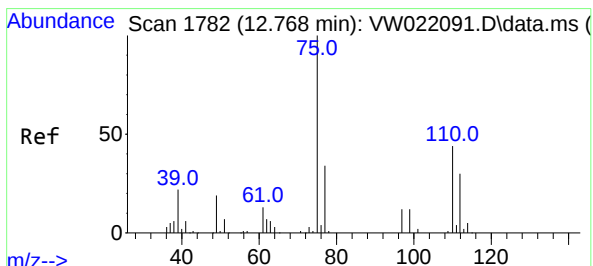
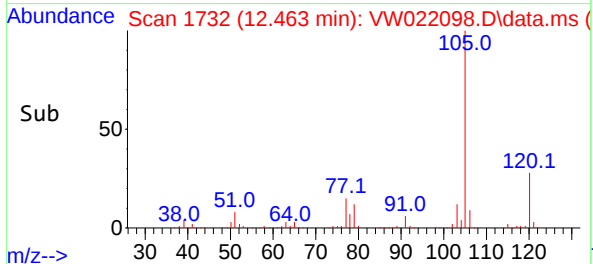
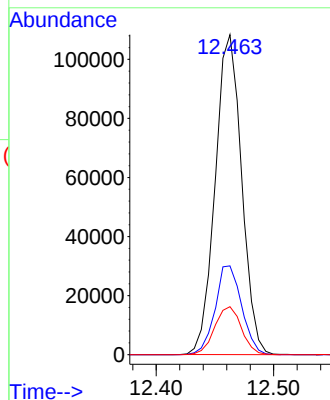
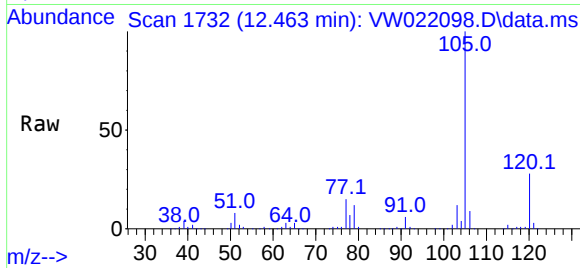




#60
Isopropylbenzene
Concen: 22.931 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW022098.D
Acq: 22 Feb 2022 14:09

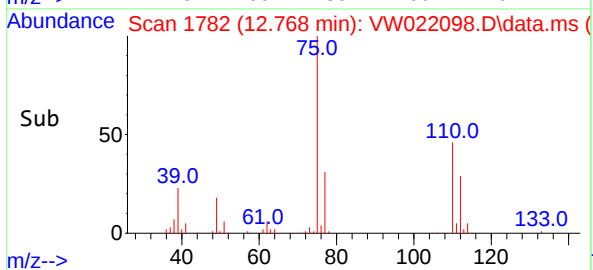
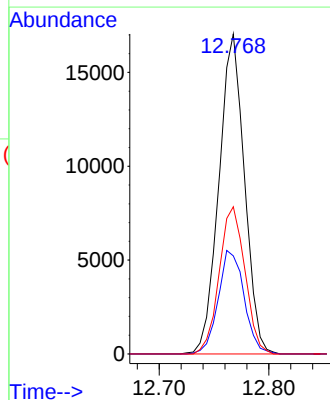
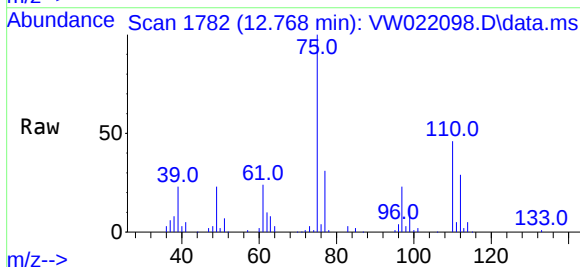
Instrument :
MSVOA_W
ClientSampleId :
DBRG2MSD

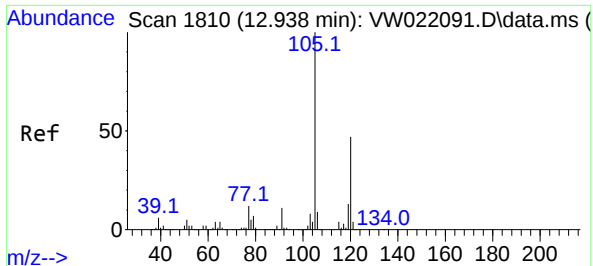
Tgt Ion:105 Resp: 169380
Ion Ratio Lower Upper
105 100
120 28.0 22.1 33.1
77 15.2 11.8 17.8



#61
1,2,3-Trichloropropane
Concen: 33.485 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW022098.D
Acq: 22 Feb 2022 14:09

Tgt Ion: 75 Resp: 27579
Ion Ratio Lower Upper
75 100
77 32.8 27.3 40.9
110 46.4 36.4 54.6





#62

1,3,5-Trimethylbenzene

Concen: 24.472 ug/L

RT: 12.938 min Scan# 1810

Delta R.T. -0.000 min

Lab File: VW022098.D

Acq: 22 Feb 2022 14:09

Instrument :

MSVOA_W

ClientSampleId :

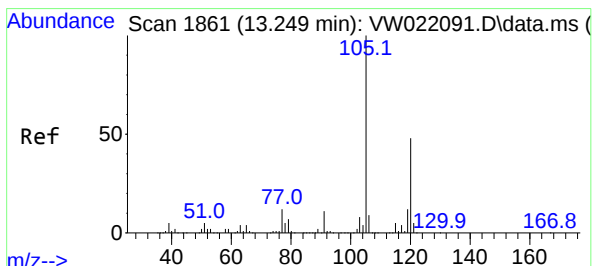
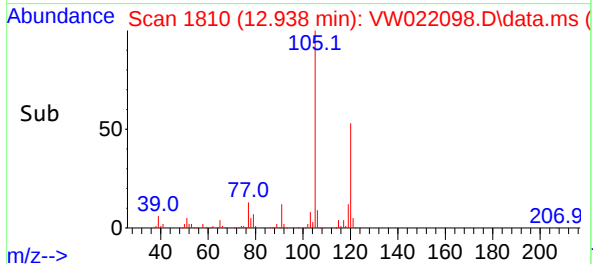
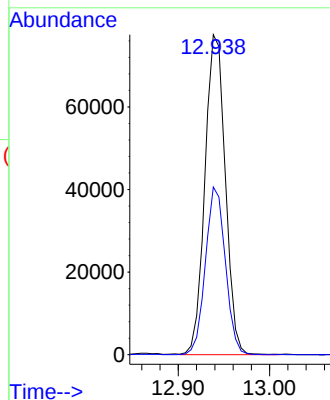
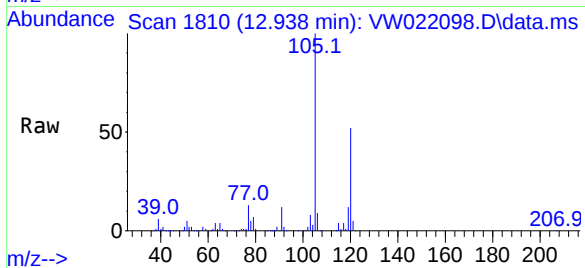
DBRG2MSD

Tgt Ion:105 Resp: 119883

Ion Ratio Lower Upper

105 100

120 51.2 40.9 61.3



#63

1,2,4-Trimethylbenzene

Concen: 24.403 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. -0.000 min

Lab File: VW022098.D

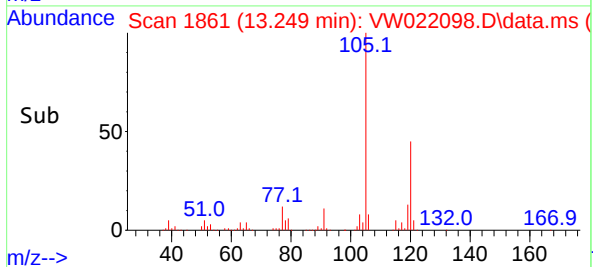
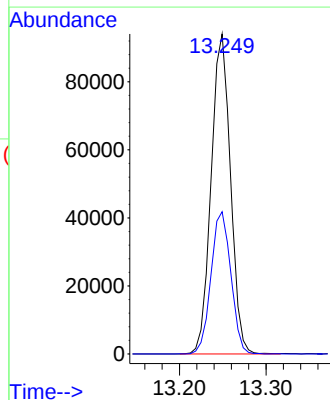
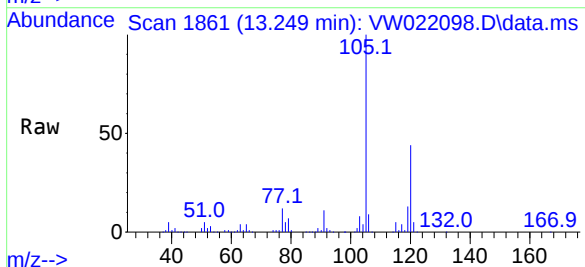
Acq: 22 Feb 2022 14:09

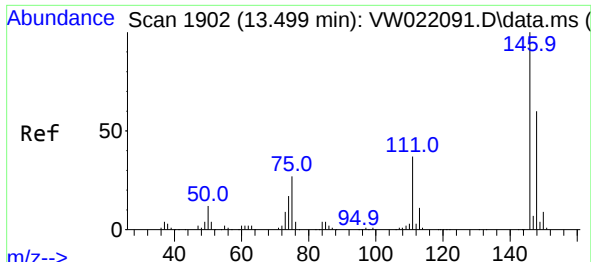
Tgt Ion:105 Resp: 145652

Ion Ratio Lower Upper

105 100

120 45.7 37.8 56.8

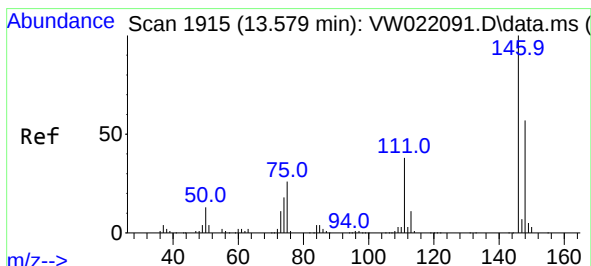
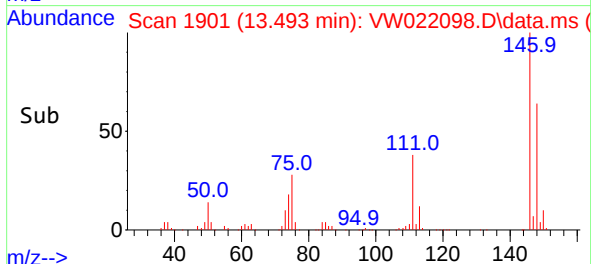
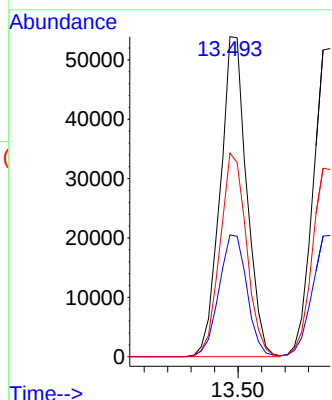
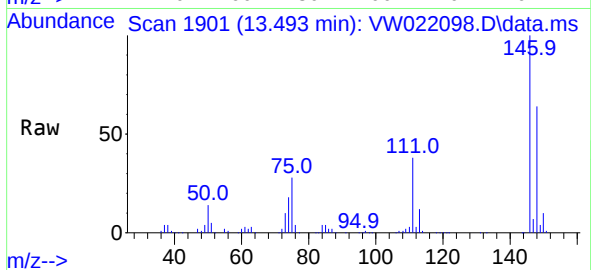




#64
1,3-Dichlorobenzene
Concen: 23.839 ug/L
RT: 13.493 min Scan# 1902
Delta R.T. -0.000 min
Lab File: VW022098.D
Acq: 22 Feb 2022 14:09

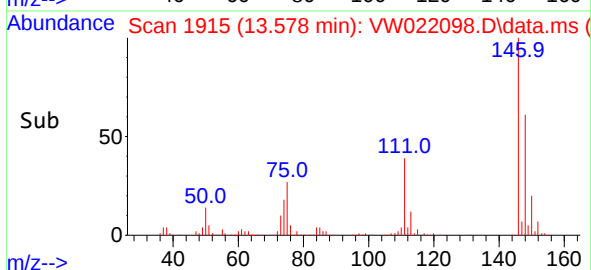
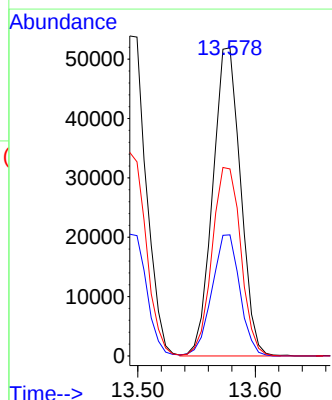
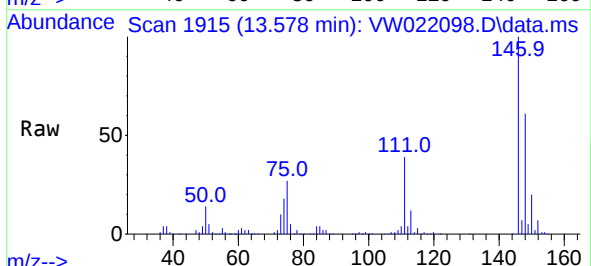
Instrument :
MSVOA_W
ClientSampleId :
DBRG2MSD

Tgt Ion:146 Resp: 84366
Ion Ratio Lower Upper
146 100
111 38.1 27.3 50.7
148 63.6 46.7 86.7

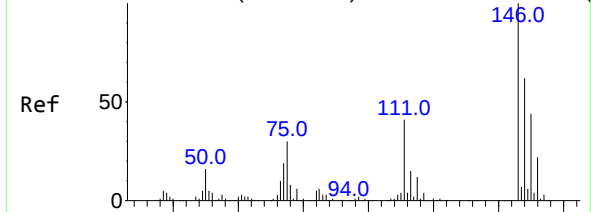


#65
1,4-Dichlorobenzene
Concen: 24.146 ug/L
RT: 13.578 min Scan# 1915
Delta R.T. 0.006 min
Lab File: VW022098.D
Acq: 22 Feb 2022 14:09

Tgt Ion:146 Resp: 85538
Ion Ratio Lower Upper
146 100
111 39.3 24.4 45.4
148 60.7 45.4 84.2

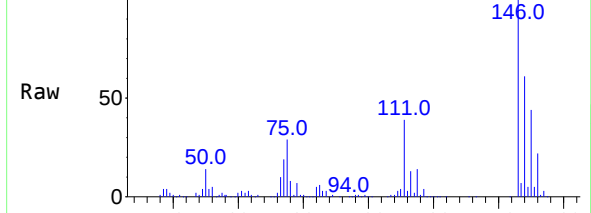


Abundance Scan 1962 (13.865 min): VW022091.D\data.ms (



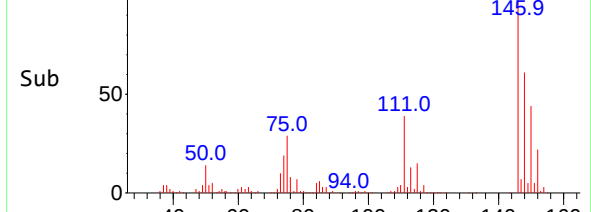
m/z-->

Abundance Scan 1962 (13.865 min): VW022098.D\data.ms



m/z-->

Abundance Scan 1962 (13.865 min): VW022098.D\data.ms (



m/z-->

#67

1,2-Dichlorobenzene

Concen: 25.844 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. -0.000 min

Lab File: VW022098.D

Acq: 22 Feb 2022 14:09

Instrument :

MSVOA_W

ClientSampleId :

DBRG2MSD

Tgt Ion:146 Resp: 81291

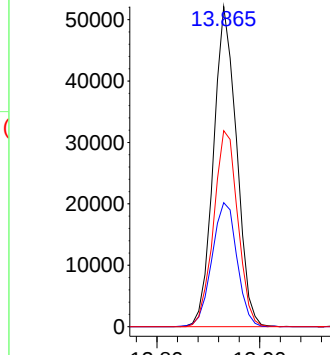
Ion Ratio Lower Upper

146 100

111 38.7 32.2 48.4

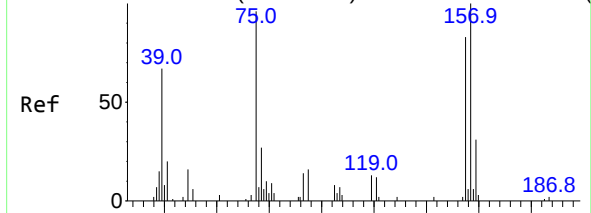
148 61.3 51.0 76.4

Abundance



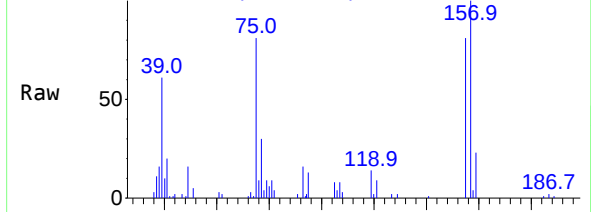
Time-->

Abundance Scan 2063 (14.481 min): VW022091.D\data.ms (



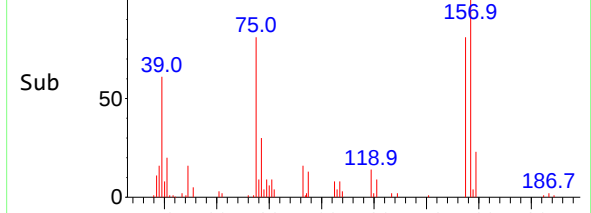
m/z-->

Abundance Scan 2063 (14.481 min): VW022098.D\data.ms



m/z-->

Abundance Scan 2063 (14.481 min): VW022098.D\data.ms (



m/z-->

#68

1,2-Dibromo-3-chloropropane

Concen: 37.293 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VW022098.D

Acq: 22 Feb 2022 14:09

Tgt Ion: 75 Resp: 6249

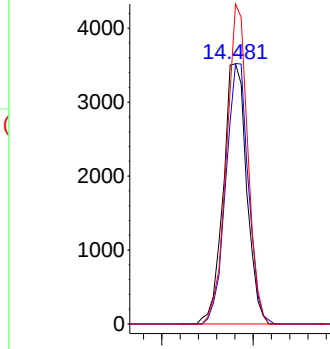
Ion Ratio Lower Upper

75 100

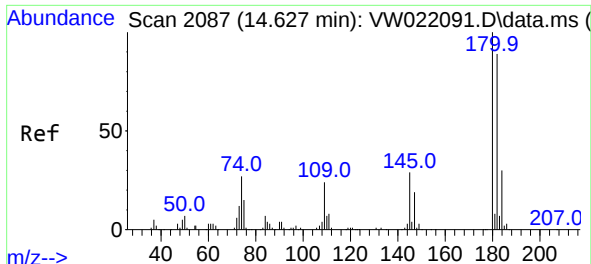
155 100.1 80.9 121.3

157 123.0 100.3 150.5

Abundance



Time-->



#69

1,3,5-Trichlorobenzene

Concen: 23.129 ug/L

RT: 14.627 min Scan# 2087

Delta R.T. -0.000 min

Lab File: VW022098.D

Acq: 22 Feb 2022 14:09

Instrument :

MSVOA_W

ClientSampleId :

DBRG2MSD

Tgt Ion:180 Resp: 58850

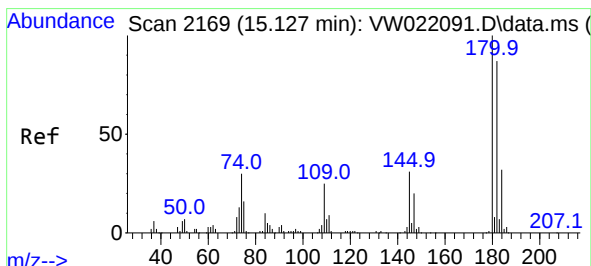
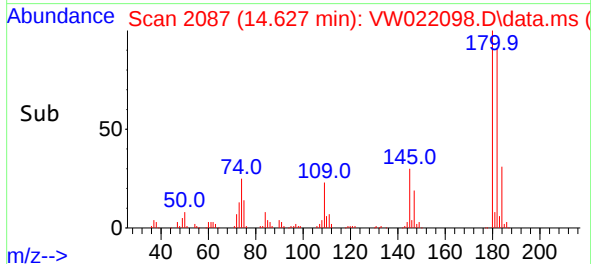
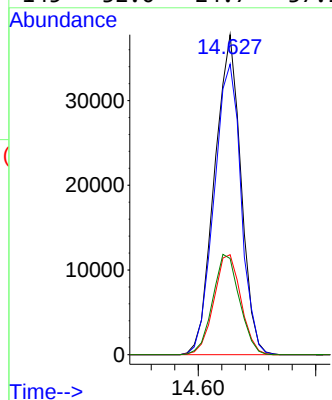
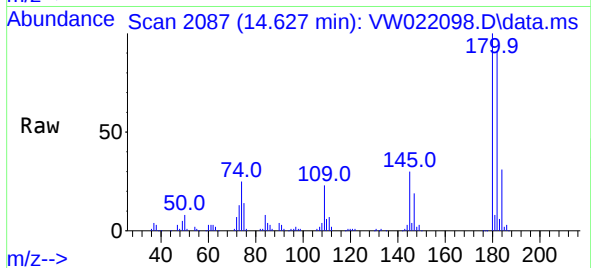
Ion Ratio Lower Upper

180 100

182 92.9 77.4 116.2

184 32.1 25.2 37.8

145 32.0 24.7 37.1



#70

1,2,4-trichlorobenzene

Concen: 24.395 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. -0.000 min

Lab File: VW022098.D

Acq: 22 Feb 2022 14:09

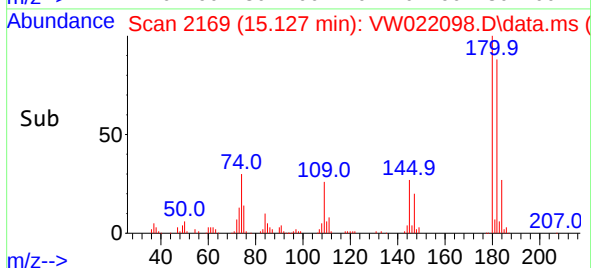
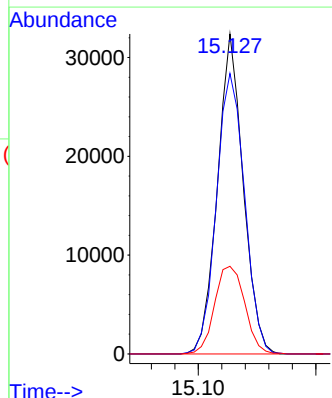
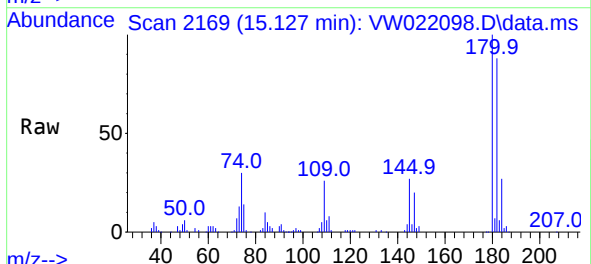
Tgt Ion:180 Resp: 49304

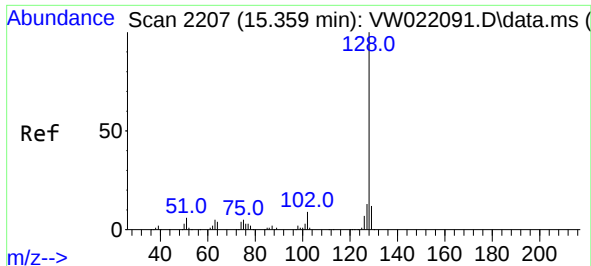
Ion Ratio Lower Upper

180 100

182 95.8 74.6 111.8

145 32.1 25.0 37.6

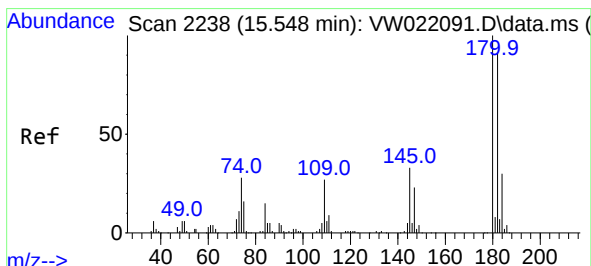
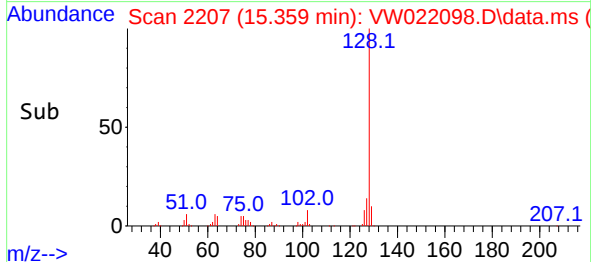
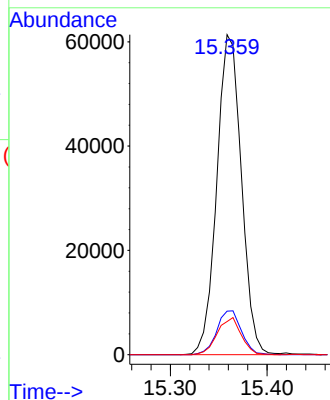
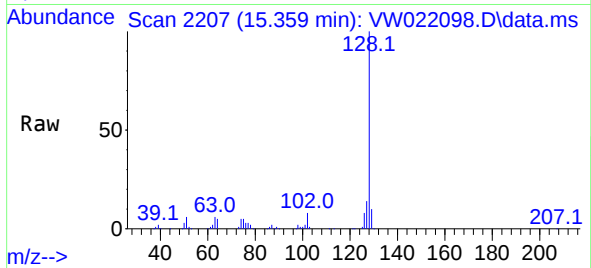




#71
Naphthalene
Concen: 32.804 ug/L
RT: 15.359 min Scan# 21
Delta R.T. -0.006 min
Lab File: VW022098.D
Acq: 22 Feb 2022 14:09

Instrument :
MSVOA_W
ClientSampleId :
DBRG2MSD

Tgt Ion:128 Resp: 108169
Ion Ratio Lower Upper
128 100
127 13.8 11.0 16.4
129 11.3 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 26.190 ug/L
RT: 15.548 min Scan# 2238
Delta R.T. -0.006 min
Lab File: VW022098.D
Acq: 22 Feb 2022 14:09

Tgt Ion:180 Resp: 45241
Ion Ratio Lower Upper
180 100
182 94.8 78.6 118.0
145 34.1 27.3 40.9

