

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052522\
 Data File : VW023311.D
 Acq On : 25 May 2022 11:11
 Operator : SY/VA
 Sample : N2995-13MS
 Misc : 4.61g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GBGR5MS

Quant Time: May 26 01:29:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu May 26 01:27:55 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	373986	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	374337	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	227597	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	113315	14.768	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	59.080%
7) Chloroethane-d5	2.885	69	94796	18.990	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.960%
11) 1,1-Dichloroethene-d2	4.019	63	183836	18.543	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	74.160%
21) 2-Butanone-d5	7.080	46	83688	57.365	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	114.740%
24) Chloroform-d	7.647	84	258050	23.551	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.200%
26) 1,2-Dichloroethane-d4	8.305	65	142094	23.645	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.600%
32) Benzene-d6	8.275	84	457519	21.204	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	84.800%
36) 1,2-Dichloropropane-d6	9.275	67	141703	23.380	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.520%
41) Toluene-d8	10.323	98	440089	21.114	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	84.440%
43) trans-1,3-Dichloroprop...	10.579	79	65879	23.607	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.440%
47) 2-Hexanone-d5	10.921	63	72091	62.308	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	124.620%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	165797	29.349	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	117.400%
66) 1,2-Dichlorobenzene-d4	13.847	152	185787	23.352	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.001	85	37835	18.558	ug/L	95
3) Chloromethane	2.215	50	104667	26.568	ug/L	96
5) Vinyl chloride	2.361	62	161487	20.425	ug/L	98
6) Bromomethane	2.776	94	80637	15.885	ug/L	97
8) Chloroethane	2.922	64	87370	22.911	ug/L	98
9) Trichlorofluoromethane	3.257	101	78820	21.812	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	122472	22.666	ug/L	96
12) 1,1-Dichloroethene	4.044	96	105638	22.054	ug/L	87
13) Acetone	4.123	43	49400	45.229	ug/L	100
14) Carbon disulfide	4.385	76	280553	21.364	ug/L	99
15) Methyl Acetate	4.672	43	46981	21.411	ug/L	100
16) Methylene chloride	4.922	84	118048	21.572	ug/L	95
17) trans-1,2-Dichloroethene	5.428	96	123268	22.868	ug/L	93
18) Methyl tert-butyl Ether	5.428	73	205877	25.020	ug/L	99
19) 1,1-Dichloroethane	6.214	63	215896	23.632	ug/L	97
20) cis-1,2-Dichloroethene	7.171	96	136010	23.492	ug/L #	99
22) 2-Butanone	7.165	43	66642	43.629	ug/L	100
23) Bromochloromethane	7.519	128	64625	23.834	ug/L	92
25) Chloroform	7.677	83	237936	23.554	ug/L	96

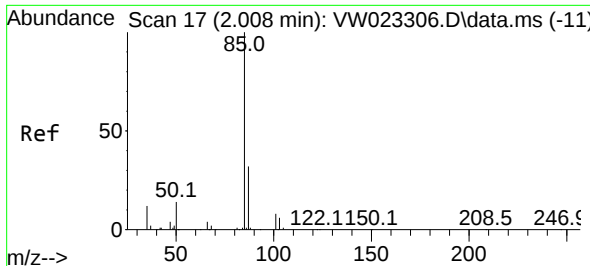
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052522\
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu May 26 01:27:55 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	158136	23.484	ug/L	100
29) Cyclohexane	7.958	56	184841	22.832	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	206768	23.374	ug/L	99
31) Carbon tetrachloride	8.067	117	195717	23.651	ug/L	98
33) Benzene	8.323	78	511236	23.183	ug/L	100
34) Trichloroethene	9.092	95	140244	23.125	ug/L	94
35) Methylcyclohexane	9.336	83	230007	23.086	ug/L	99
37) 1,2-Dichloropropane	9.366	63	125027	23.428	ug/L	99
38) Bromodichloromethane	9.646	83	172920	22.813	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	198781	24.023	ug/L	98
40) 4-Methyl-2-pentanone	10.207	43	162577	48.334	ug/L	99
42) Toluene	10.384	91	581440	23.527	ug/L	97
44) trans-1,3-Dichloropropene	10.604	75	183470	24.841	ug/L	97
45) 1,1,2-Trichloroethane	10.786	97	107736	24.150	ug/L	98
46) Tetrachloroethene	10.860	164	112497	24.683	ug/L	91
48) 2-Hexanone	10.969	43	114484	50.940	ug/L	98
49) Dibromochloromethane	11.128	129	128555	23.943	ug/L	93
50) 1,2-Dibromoethane	11.232	107	104882	23.413	ug/L	99
51) Chlorobenzene	11.652	112	391756	24.045	ug/L	96
52) Ethylbenzene	11.731	91	649623	23.627	ug/L	97
53) m,p-Xylene	11.841	106	264419	24.407	ug/L	97
54) o-Xylene	12.164	106	253917	24.424	ug/L	97
55) Styrene	12.176	104	431562	24.430	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	132357	23.753	ug/L	95
59) Bromoform	12.347	173	68669	21.290	ug/L	97
60) Isopropylbenzene	12.463	105	695446	22.304	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	96328	21.182	ug/L	99
62) 1,3,5-Trimethylbenzene	12.939	105	372036	21.447	ug/L	97
63) 1,2,4-Trimethylbenzene	13.249	105	572684	21.987	ug/L	99
64) 1,3-Dichlorobenzene	13.493	146	308000	22.125	ug/L	94
65) 1,4-Dichlorobenzene	13.573	146	308014	21.421	ug/L	96
67) 1,2-Dichlorobenzene	13.865	146	290697	22.820	ug/L	92
68) 1,2-Dibromo-3-chloropr...	14.481	75	21066	21.196	ug/L	96
69) 1,3,5-Trichlorobenzene	14.621	180	212043	22.947	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	163780	22.034	ug/L	98
71) Naphthalene	15.359	128	373859	23.141	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	148362	22.520	ug/L	98

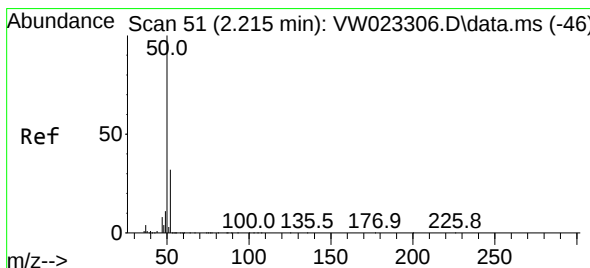
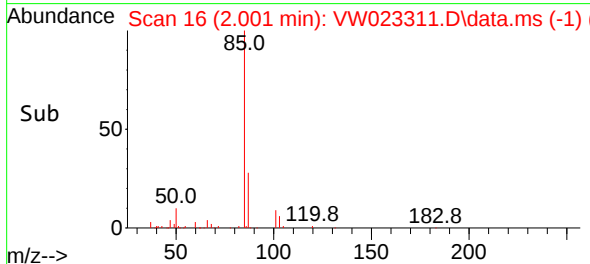
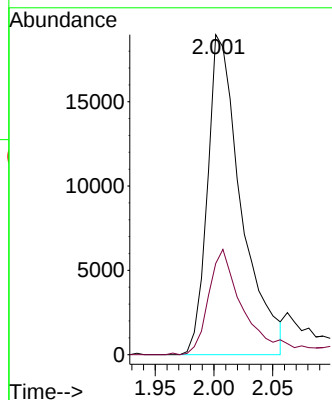
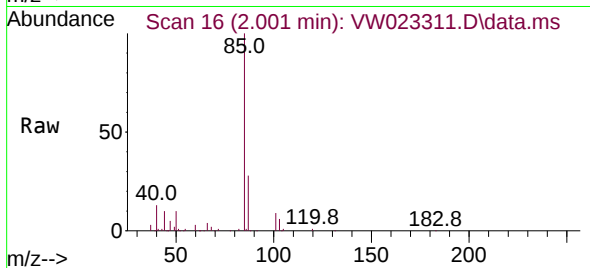
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
Dichlorodifluoromethane
Concen: 18.558 ug/L
RT: 2.001 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW023311.D
Acq: 25 May 2022 11:11

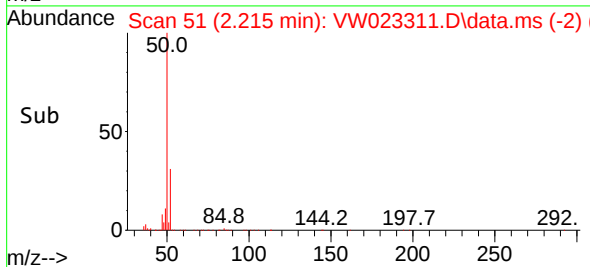
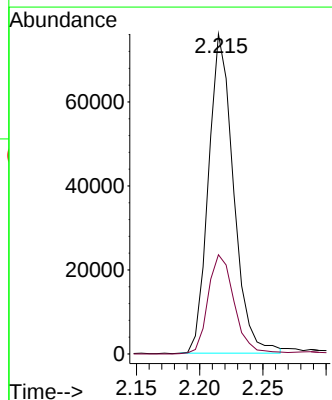
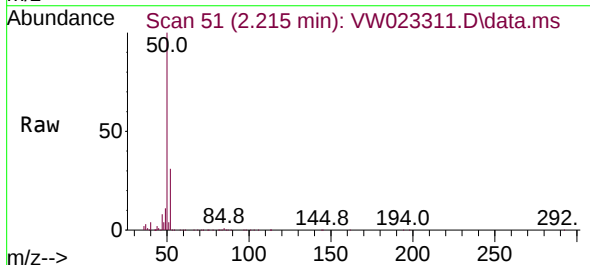
Instrument :
MSVOA_W
ClientSampleId :
GBGR5MS

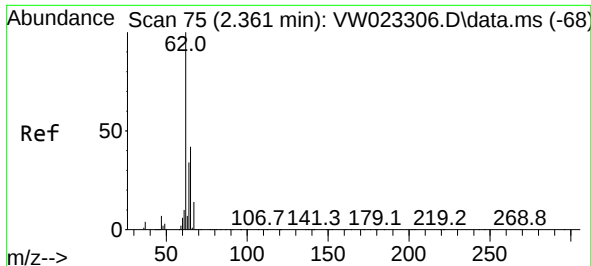
Tgt Ion: 85 Resp: 37835
Ion Ratio Lower Upper
85 100
87 31.8 27.8 41.8



#3
Chloromethane
Concen: 26.568 ug/L
RT: 2.215 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW023311.D
Acq: 25 May 2022 11:11

Tgt Ion: 50 Resp: 104667
Ion Ratio Lower Upper
50 100
52 31.0 23.1 42.9

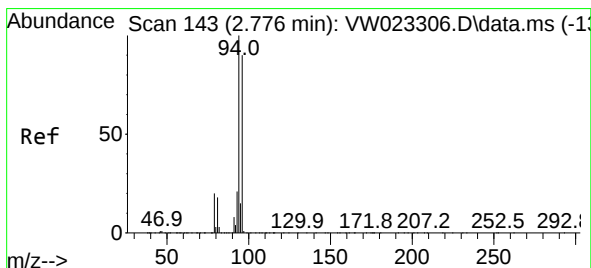
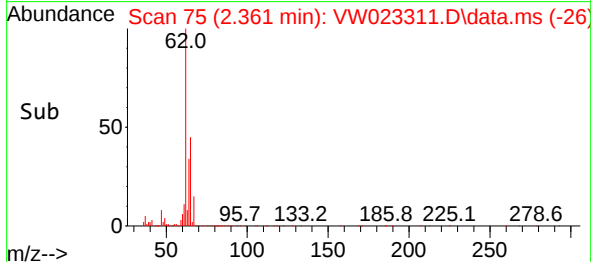
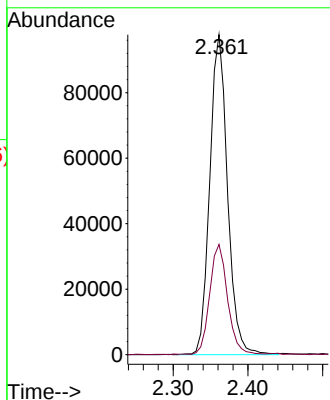
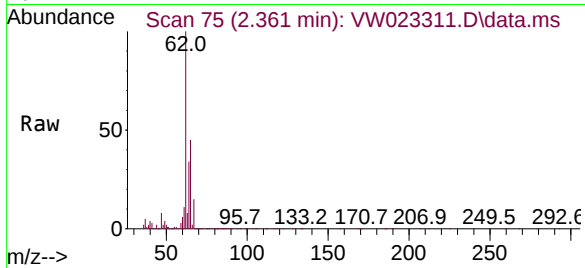




#5
 Vinyl chloride
 Concen: 20.425 ug/L
 RT: 2.361 min Scan# 75
 Delta R.T. 0.000 min
 Lab File: VW023311.D
 Acq: 25 May 2022 11:11

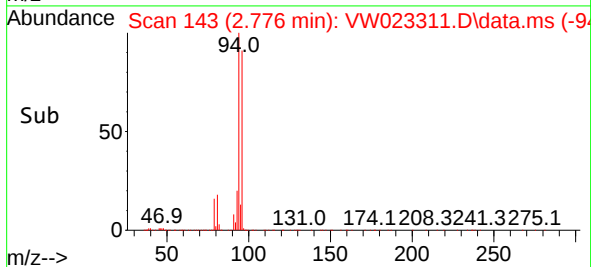
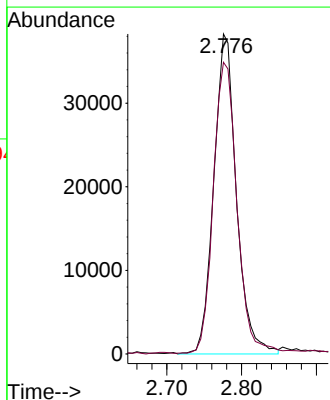
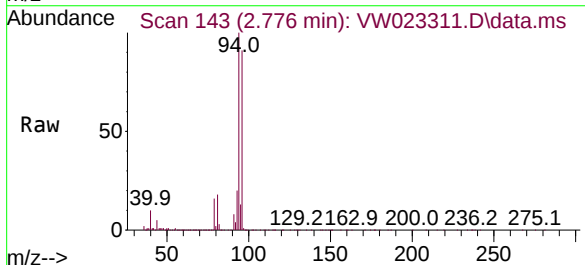
Instrument :
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 ClientSampleId :
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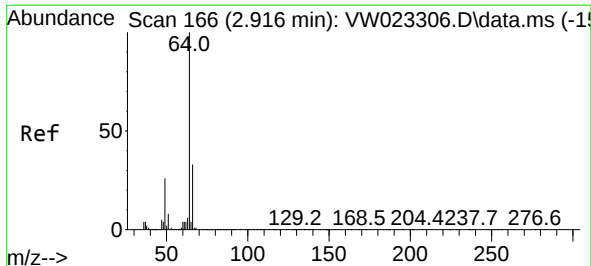
Tgt Ion: 62 Resp: 161487
 Ion Ratio Lower Upper
 62 100
 64 34.5 24.9 46.3



#6
 Bromomethane
 Concen: 15.885 ug/L
 RT: 2.776 min Scan# 143
 Delta R.T. 0.000 min
 Lab File: VW023311.D
 Acq: 25 May 2022 11:11

Tgt Ion: 94 Resp: 80637
 Ion Ratio Lower Upper
 94 100
 96 91.2 61.7 114.5

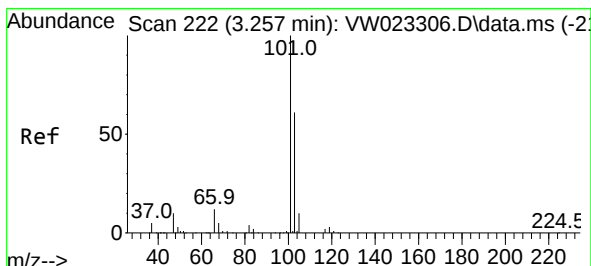
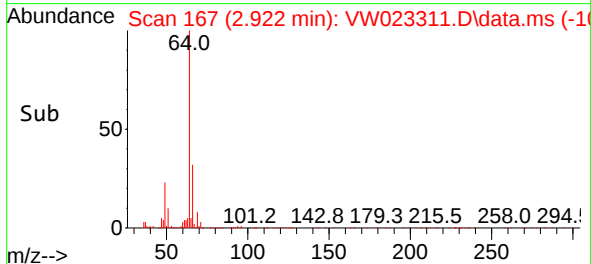
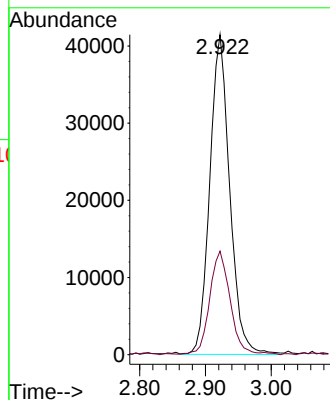
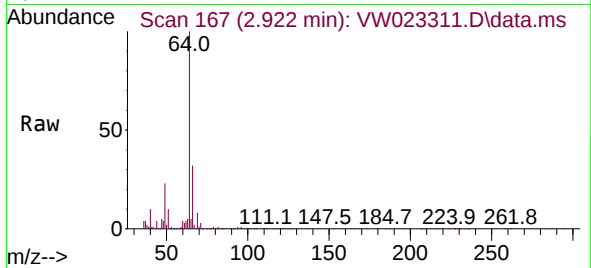




#8
Chloroethane
Concen: 22.911 ug/L
RT: 2.922 min Scan# 166
Delta R.T. 0.006 min
Lab File: VW023311.D
Acq: 25 May 2022 11:11

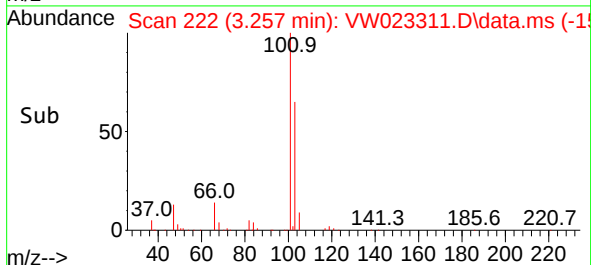
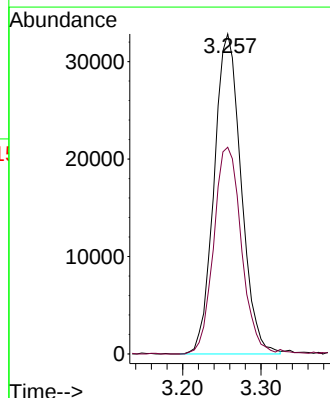
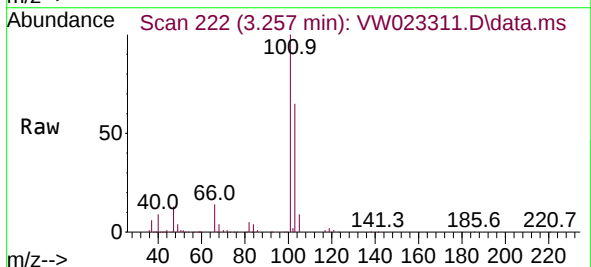
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ClientSampleId :
GBGR5MS

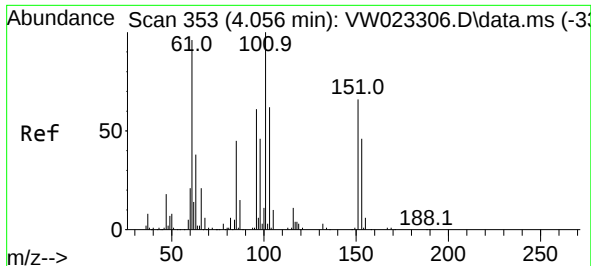
Tgt Ion: 64 Resp: 87370
Ion Ratio Lower Upper
64 100
66 32.4 23.4 43.6



#9
Trichlorofluoromethane
Concen: 21.812 ug/L
RT: 3.257 min Scan# 222
Delta R.T. 0.000 min
Lab File: VW023311.D
Acq: 25 May 2022 11:11

Tgt Ion: 101 Resp: 78820
Ion Ratio Lower Upper
101 100
103 66.0 53.9 80.9

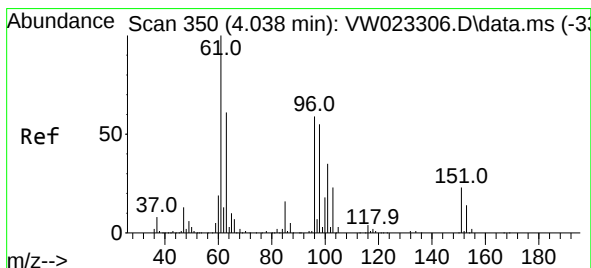
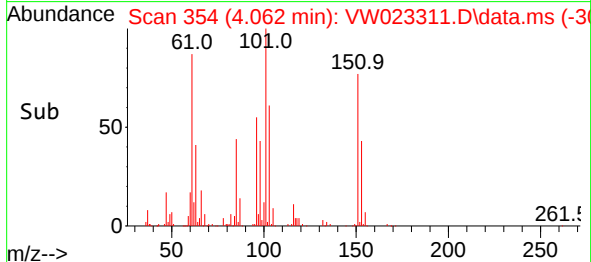
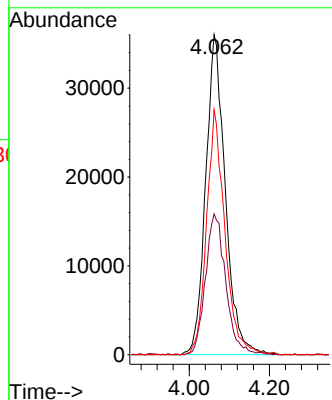
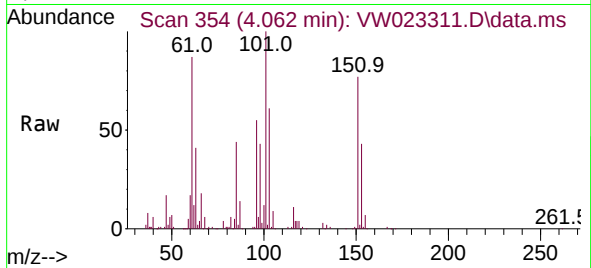




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 22.666 ug/L
 RT: 4.062 min Scan# 311
 Delta R.T. 0.006 min
 Lab File: VW023311.D
 Acq: 25 May 2022 11:11

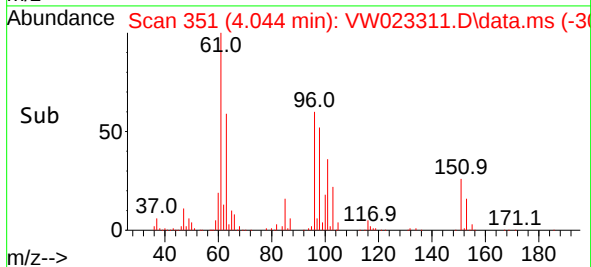
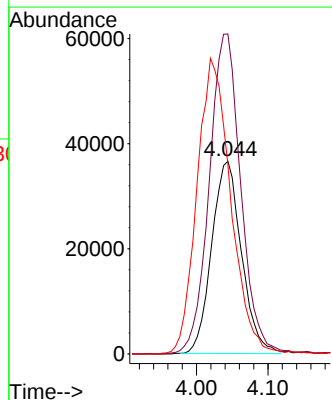
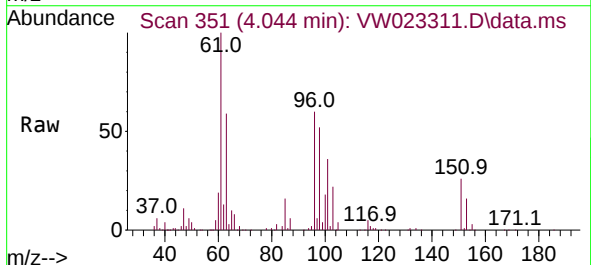
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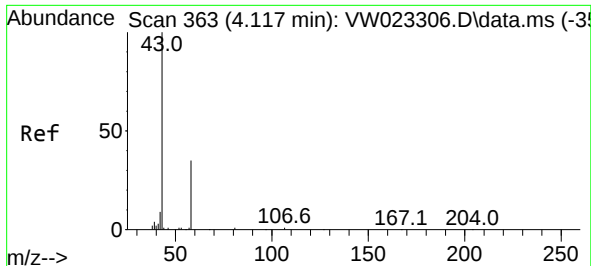
Tgt Ion:101 Resp: 122472
 Ion Ratio Lower Upper
 101 100
 85 45.2 34.3 51.5
 151 71.4 54.2 81.2



#12
 1,1-Dichloroethene
 Concen: 22.054 ug/L
 RT: 4.044 min Scan# 351
 Delta R.T. 0.006 min
 Lab File: VW023311.D
 Acq: 25 May 2022 11:11

Tgt Ion: 96 Resp: 105638
 Ion Ratio Lower Upper
 96 100
 61 166.0 125.7 233.5
 63 98.5 83.4 155.0

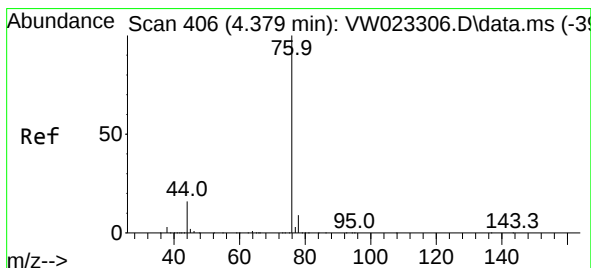
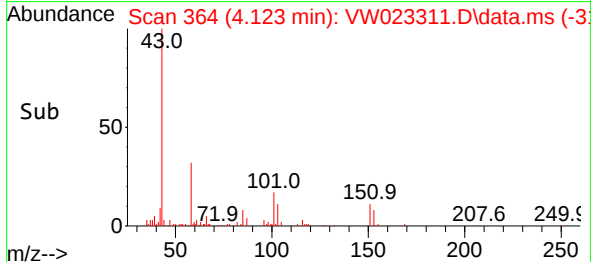
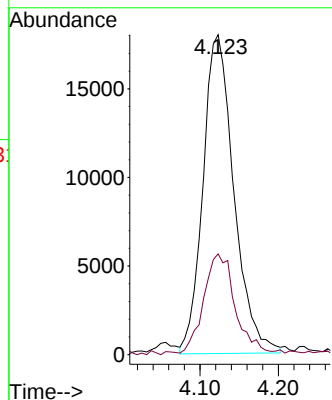
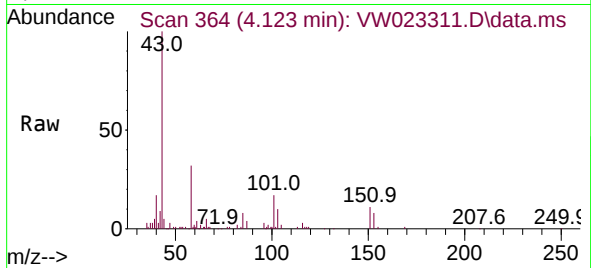




#13
Acetone
Concen: 45.229 ug/L
RT: 4.123 min Scan# 364
Delta R.T. 0.006 min
Lab File: VW023311.D
Acq: 25 May 2022 11:11

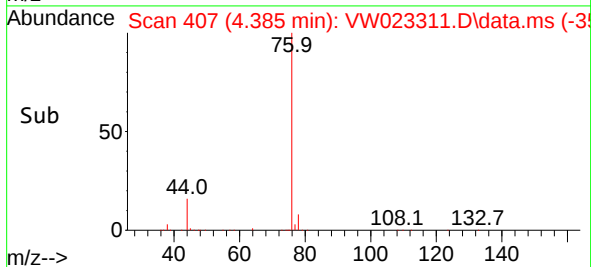
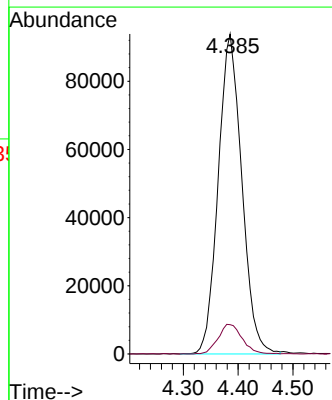
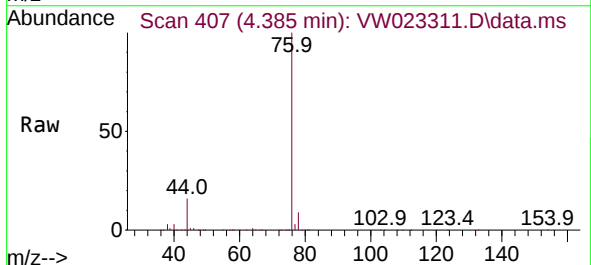
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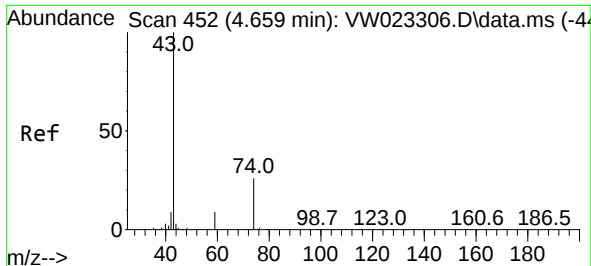
Tgt Ion: 43 Resp: 49400
Ion Ratio Lower Upper
43 100
58 31.9 0.0 64.0



#14
Carbon disulfide
Concen: 21.364 ug/L
RT: 4.385 min Scan# 407
Delta R.T. 0.006 min
Lab File: VW023311.D
Acq: 25 May 2022 11:11

Tgt Ion: 76 Resp: 280553
Ion Ratio Lower Upper
76 100
78 9.1 7.7 11.5

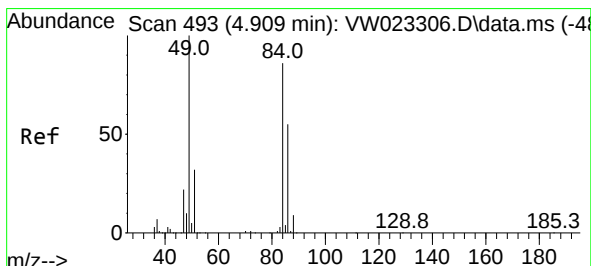
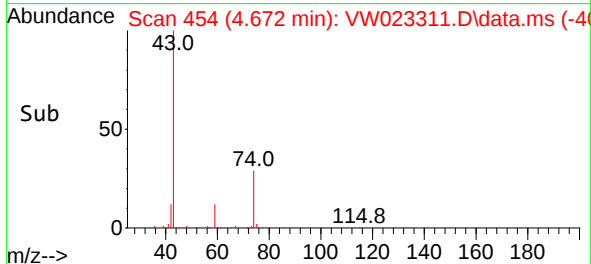
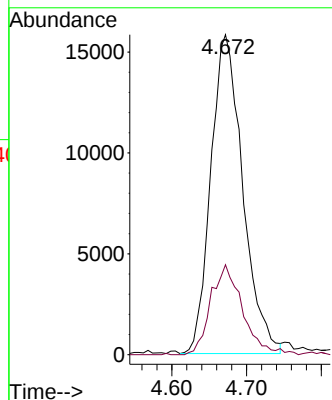
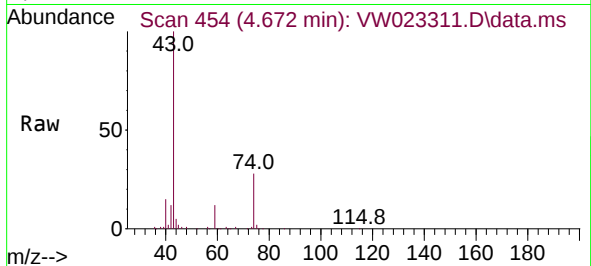




#15
Methyl Acetate
Concen: 21.411 ug/L
RT: 4.672 min Scan# 411
Delta R.T. 0.012 min
Lab File: VW023311.D
Acq: 25 May 2022 11:11

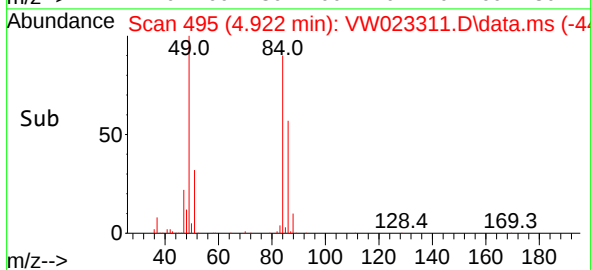
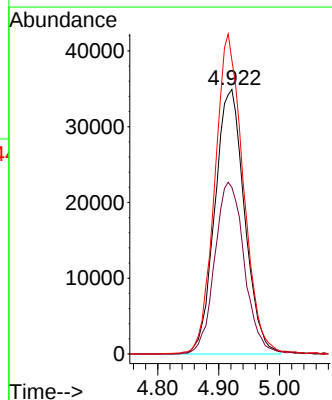
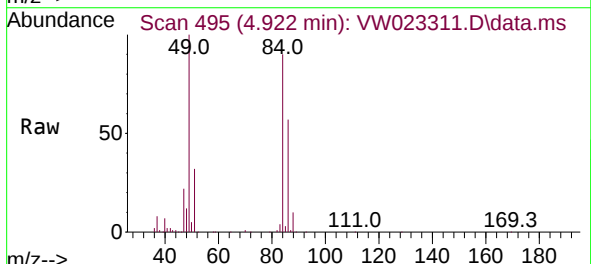
Instrument :
MSVOA_W
ClientSampleId :
GBGR5MS

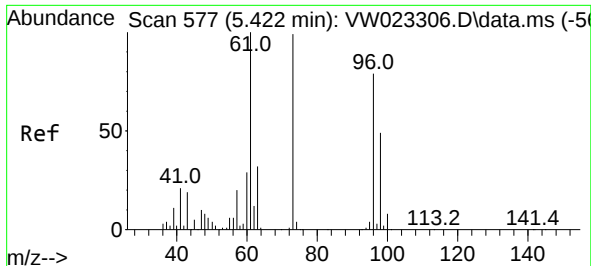
Tgt Ion: 43 Resp: 46981
Ion Ratio Lower Upper
43 100
74 27.6 21.9 32.9



#16
Methylene chloride
Concen: 21.572 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.012 min
Lab File: VW023311.D
Acq: 25 May 2022 11:11

Tgt Ion: 84 Resp: 118048
Ion Ratio Lower Upper
84 100
86 63.0 45.4 84.4
49 111.0 82.5 153.1

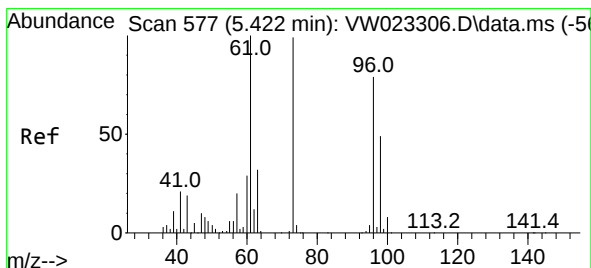
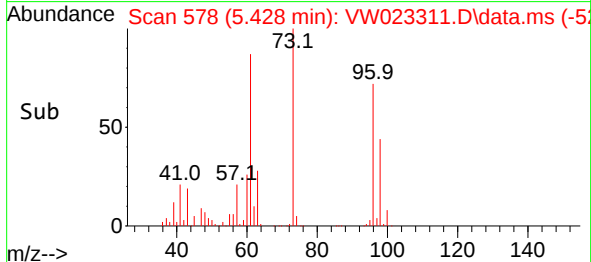
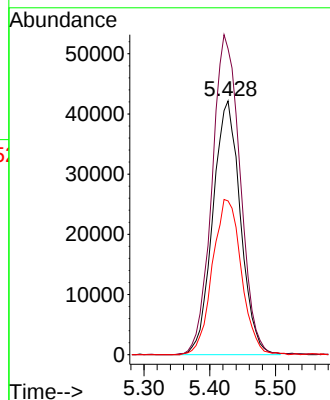
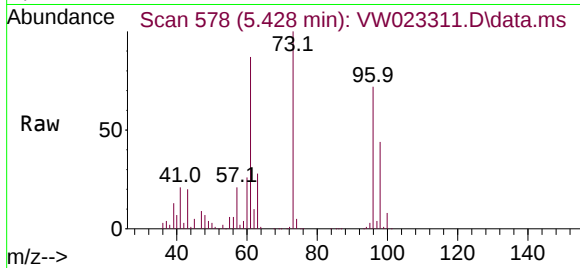




#17
 trans-1,2-Dichloroethene
 Concen: 22.868 ug/L
 RT: 5.428 min Scan# 577
 Delta R.T. 0.006 min
 Lab File: VW023311.D
 Acq: 25 May 2022 11:11

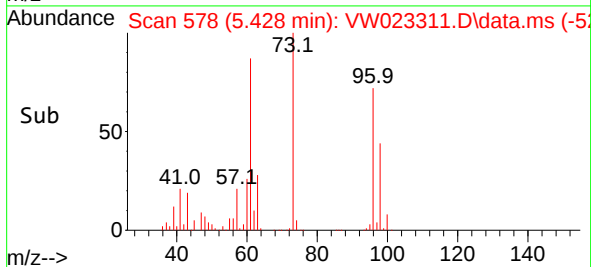
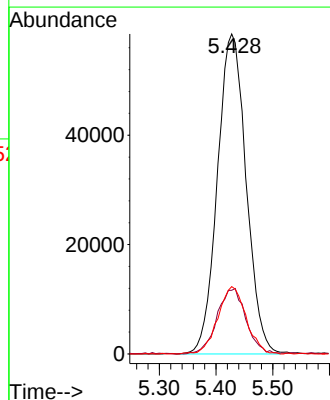
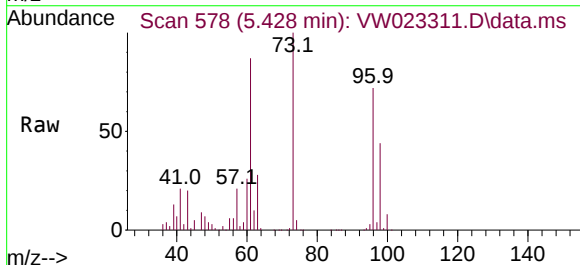
Instrument :
 MSVOA_W
 ClientSampleId :
 GBGR5MS

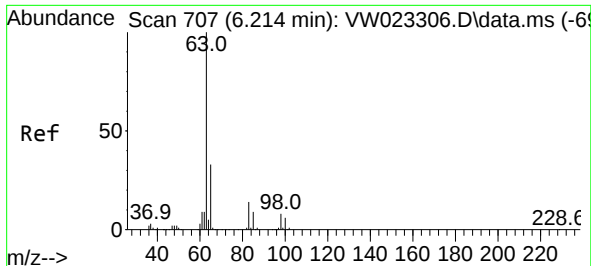
Tgt Ion: 96 Resp: 123268
 Ion Ratio Lower Upper
 96 100
 61 120.5 92.2 171.2
 98 60.6 42.9 79.7



#18
 Methyl tert-butyl Ether
 Concen: 25.020 ug/L
 RT: 5.428 min Scan# 578
 Delta R.T. 0.006 min
 Lab File: VW023311.D
 Acq: 25 May 2022 11:11

Tgt Ion: 73 Resp: 205877
 Ion Ratio Lower Upper
 73 100
 43 20.4 15.9 23.9
 57 20.5 16.5 24.7





#19

1,1-Dichloroethane

Concen: 23.632 ug/L

RT: 6.214 min Scan# 707

Delta R.T. 0.000 min

Lab File: VW023311.D

Acq: 25 May 2022 11:11

Instrument :

MSVOA_W

ClientSampleId :

GBGR5MS

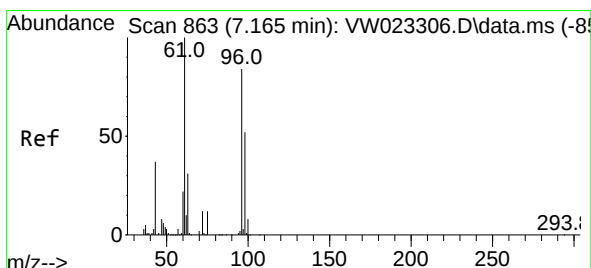
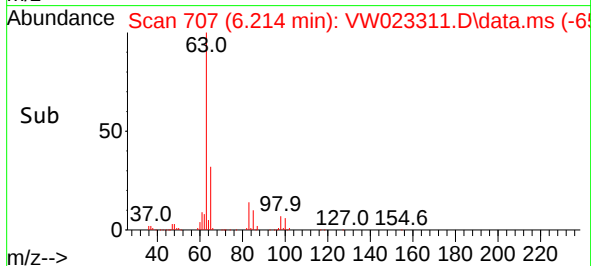
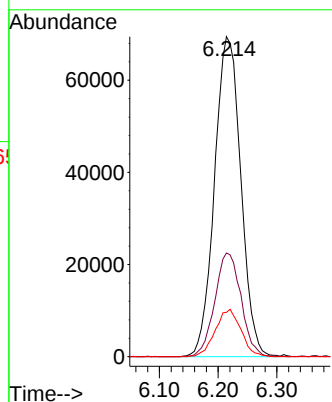
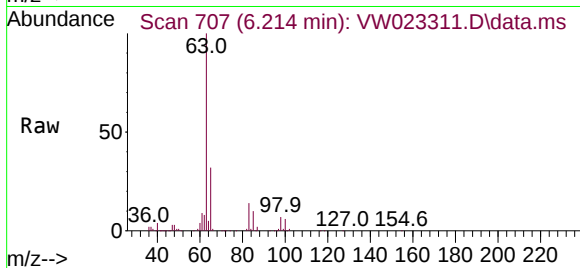
Tgt Ion: 63 Resp: 215896

Ion Ratio Lower Upper

63 100

65 32.4 23.3 43.3

83 13.9 11.1 20.5



#20

cis-1,2-Dichloroethene

Concen: 23.492 ug/L

RT: 7.171 min Scan# 864

Delta R.T. 0.006 min

Lab File: VW023311.D

Acq: 25 May 2022 11:11

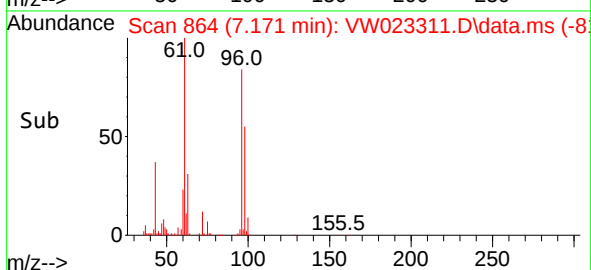
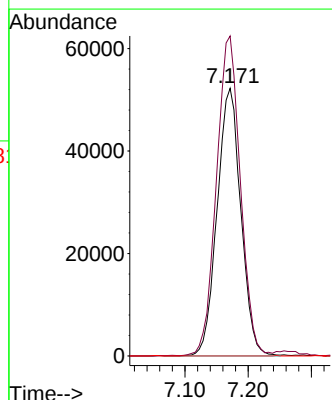
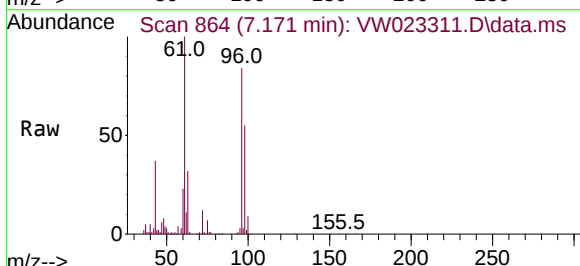
Tgt Ion: 96 Resp: 136010

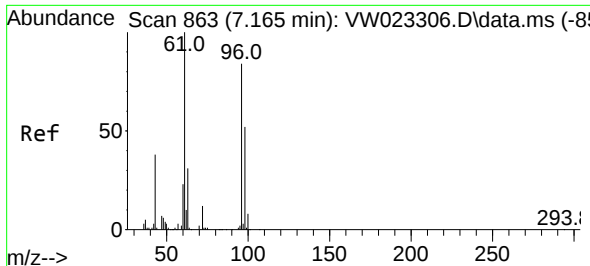
Ion Ratio Lower Upper

96 100

61 119.5 84.2 156.4

68 0.2 0.1 0.1#

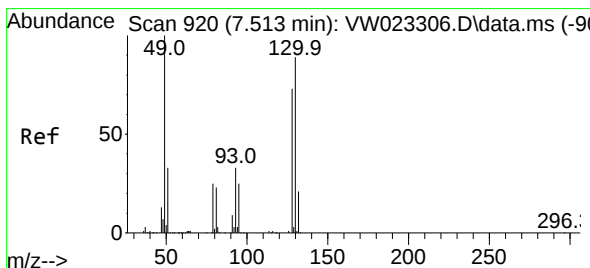
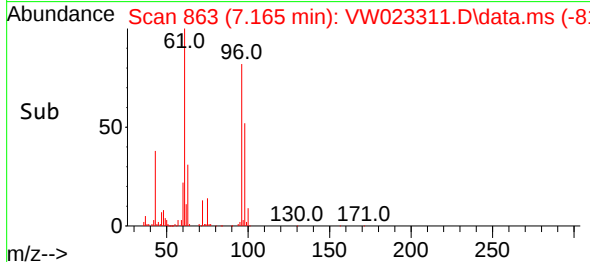
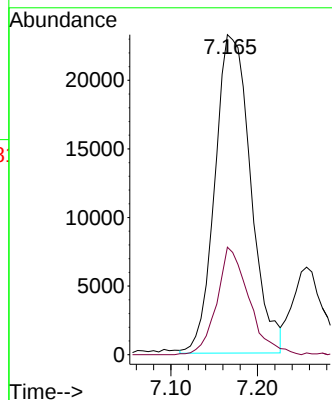
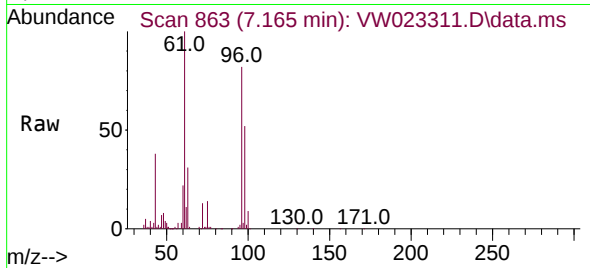




#22
2-Butanone
Concen: 43.629 ug/L
RT: 7.165 min Scan# 863
Delta R.T. 0.000 min
Lab File: VW023311.D
Acq: 25 May 2022 11:11

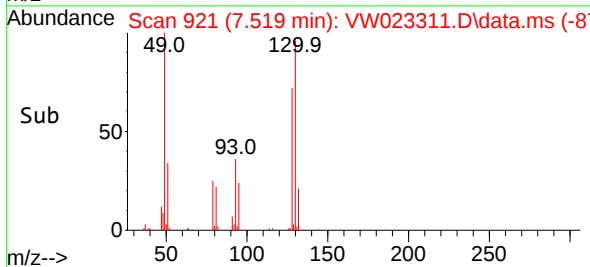
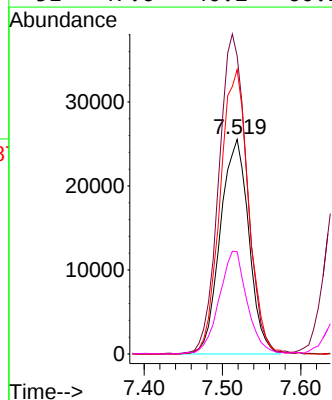
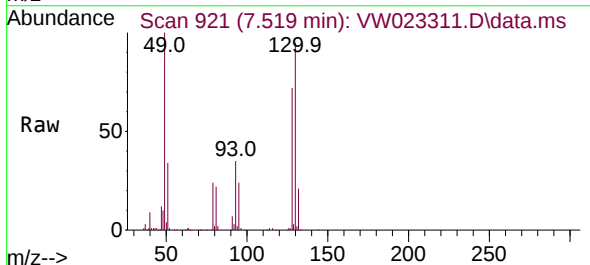
Instrument :
MSVOA_W
ClientSampleId :
GBGR5MS

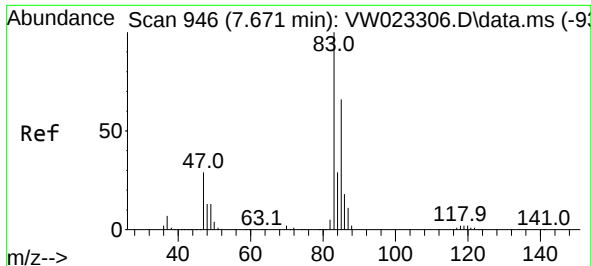
Tgt Ion: 43 Resp: 66642
Ion Ratio Lower Upper
43 100
72 30.2 15.1 45.3



#23
Bromochloromethane
Concen: 23.834 ug/L
RT: 7.519 min Scan# 921
Delta R.T. 0.006 min
Lab File: VW023311.D
Acq: 25 May 2022 11:11

Tgt Ion: 128 Resp: 64625
Ion Ratio Lower Upper
128 100
49 138.8 110.0 204.4
130 132.5 94.8 176.0
51 47.6 40.2 60.2

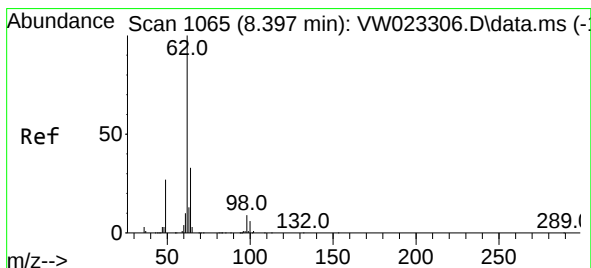
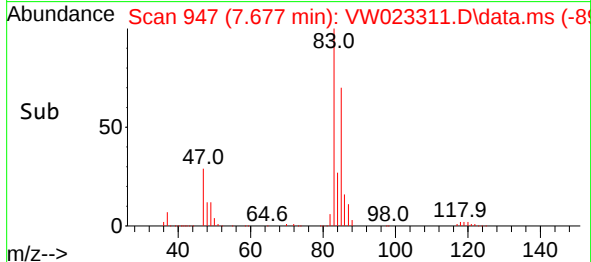
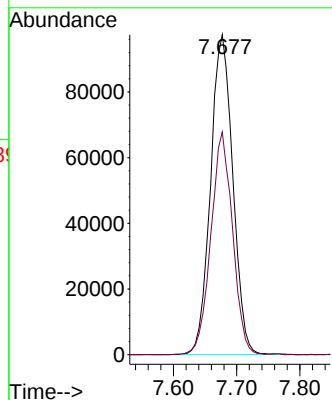
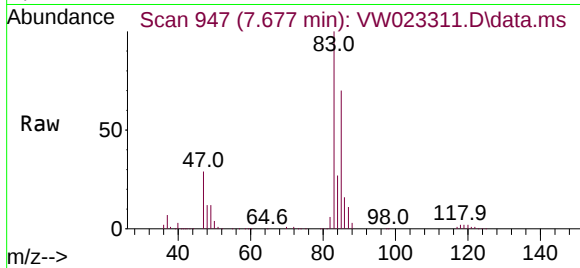




#25
Chloroform
Concen: 23.554 ug/L
RT: 7.677 min Scan# 946
Delta R.T. 0.006 min
Lab File: VW023311.D
Acq: 25 May 2022 11:11

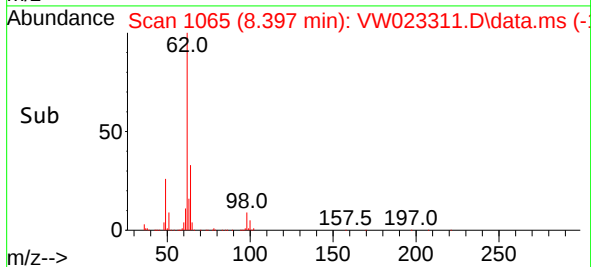
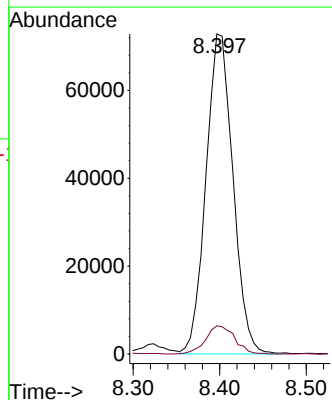
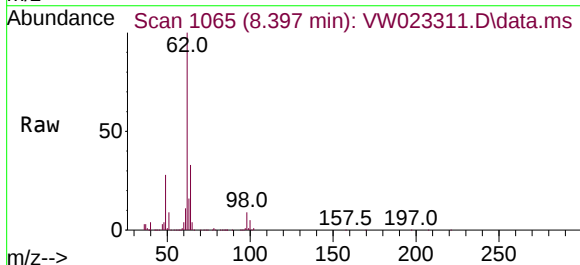
Instrument :
MSVOA_W
ClientSampleId :
GBGR5MS

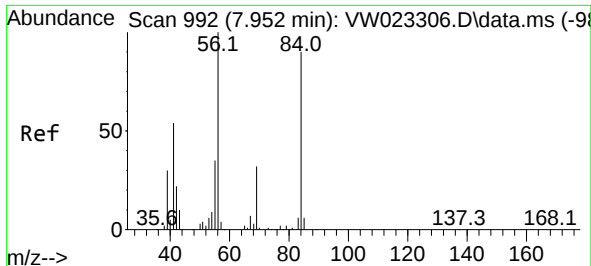
Tgt Ion: 83 Resp: 237936
Ion Ratio Lower Upper
83 100
85 69.6 46.6 86.6



#27
1,2-Dichloroethane
Concen: 23.484 ug/L
RT: 8.397 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VW023311.D
Acq: 25 May 2022 11:11

Tgt Ion: 62 Resp: 158136
Ion Ratio Lower Upper
62 100
98 8.8 7.2 10.8





#29

Cyclohexane

Concen: 22.832 ug/L

RT: 7.958 min Scan# 992

Delta R.T. 0.006 min

Lab File: VW023311.D

Acq: 25 May 2022 11:11

Instrument :

MSVOA_W

ClientSampleId :

GBGR5MS

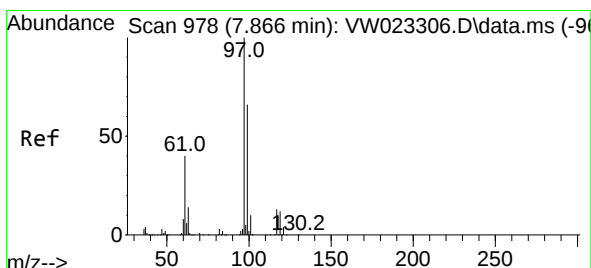
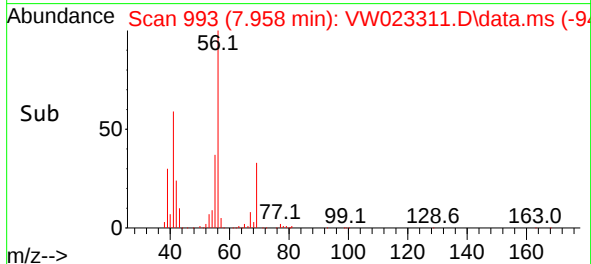
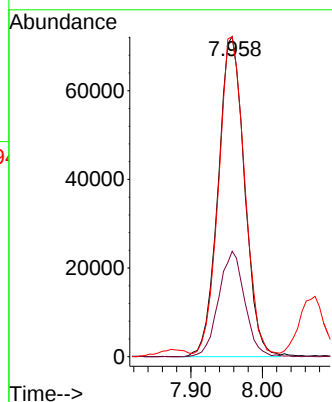
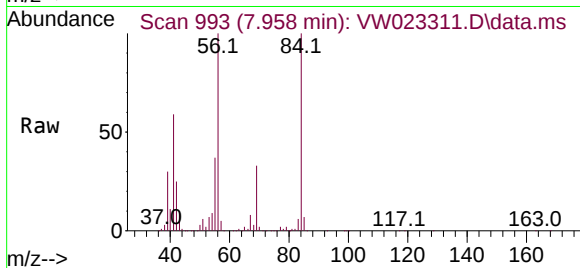
Tgt Ion: 56 Resp: 184841

Ion Ratio Lower Upper

56 100

69 32.3 25.6 38.4

84 99.5 78.2 117.4



#30

1,1,1-Trichloroethane

Concen: 23.374 ug/L

RT: 7.872 min Scan# 979

Delta R.T. 0.006 min

Lab File: VW023311.D

Acq: 25 May 2022 11:11

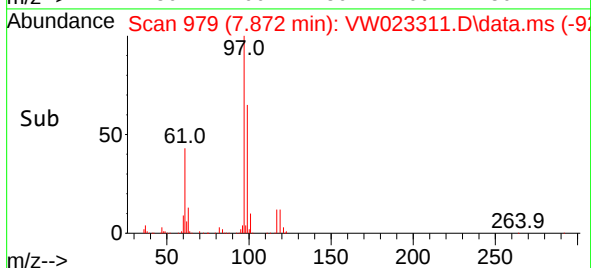
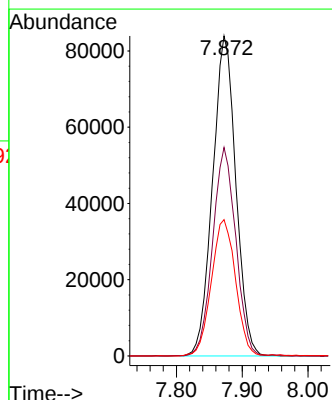
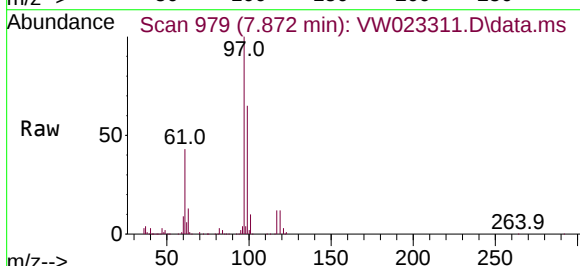
Tgt Ion: 97 Resp: 206768

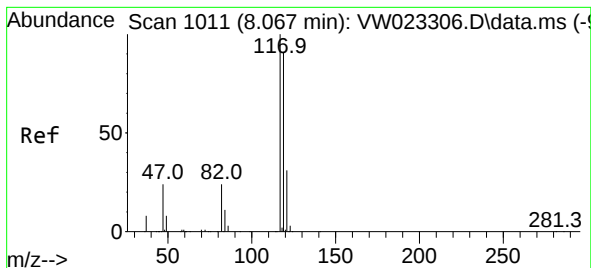
Ion Ratio Lower Upper

97 100

99 64.7 51.0 76.4

61 44.2 34.8 52.2

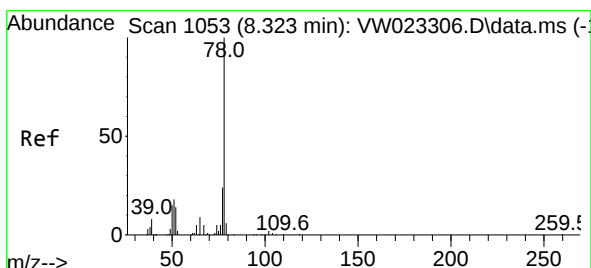
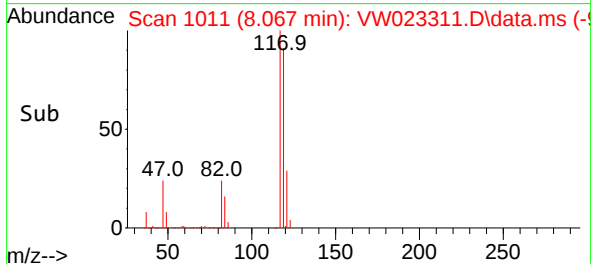
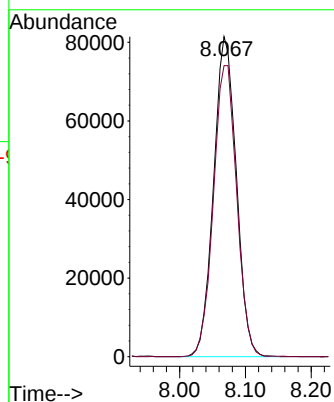
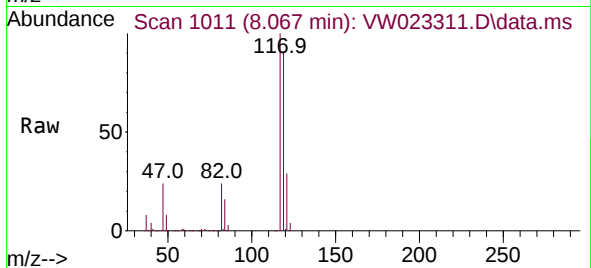




#31
Carbon tetrachloride
Concen: 23.651 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. 0.000 min
Lab File: VW023311.D
Acq: 25 May 2022 11:11

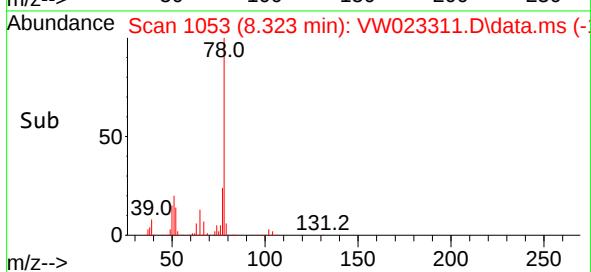
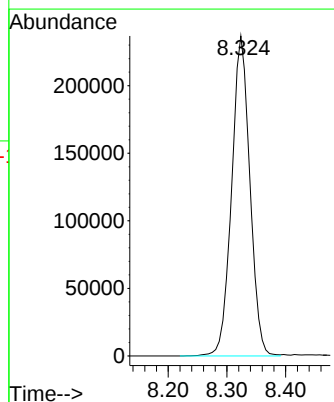
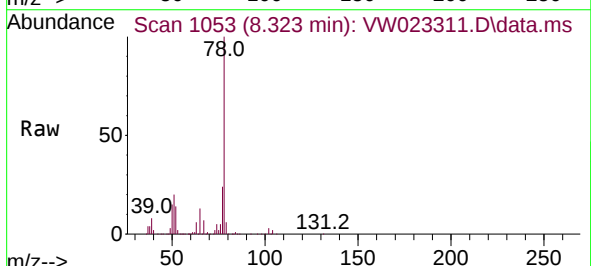
Instrument :
MSVOA_W
ClientSampleId :
GBGR5MS

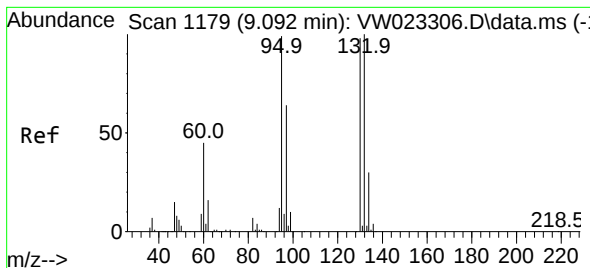
Tgt Ion:117 Resp: 195717
Ion Ratio Lower Upper
117 100
119 93.5 76.6 115.0



#33
Benzene
Concen: 23.183 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW023311.D
Acq: 25 May 2022 11:11

Tgt Ion: 78 Resp: 511236





#34

Trichloroethene

Concen: 23.125 ug/L

RT: 9.092 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VW023311.D

Acq: 25 May 2022 11:11

Instrument :

MSVOA_W

ClientSampleId :

GBGR5MS

Tgt Ion: 95 Resp: 140244

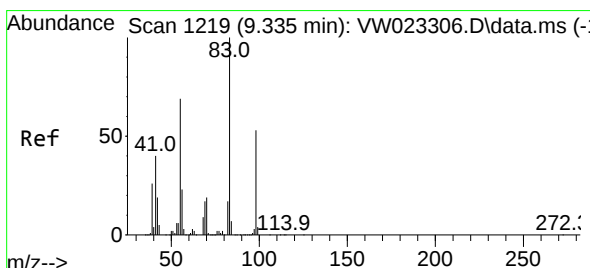
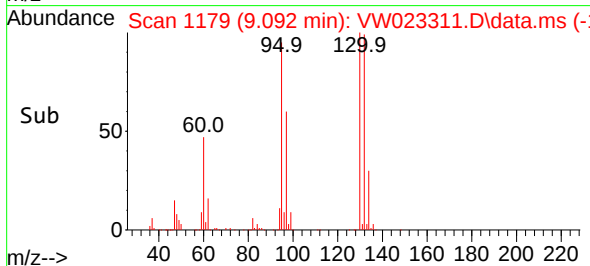
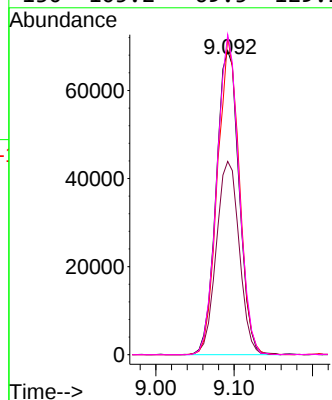
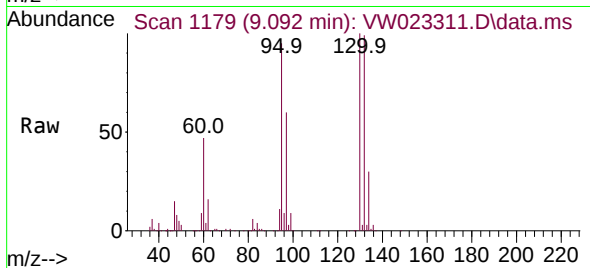
Ion Ratio Lower Upper

95 100

97 63.6 46.1 85.7

132 104.4 66.9 124.3

130 105.2 69.5 129.1



#35

Methylcyclohexane

Concen: 23.086 ug/L

RT: 9.336 min Scan# 1219

Delta R.T. 0.000 min

Lab File: VW023311.D

Acq: 25 May 2022 11:11

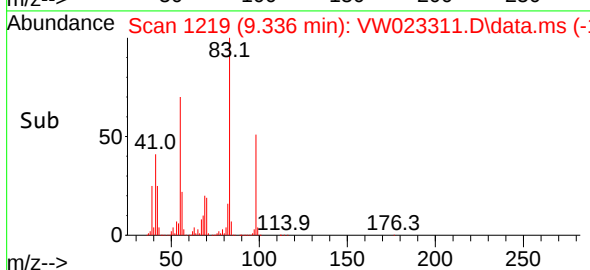
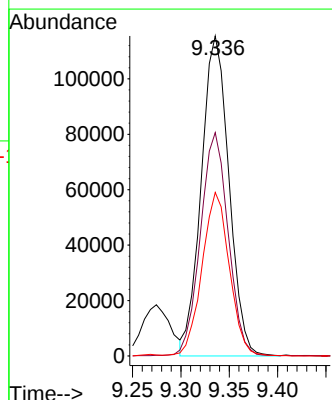
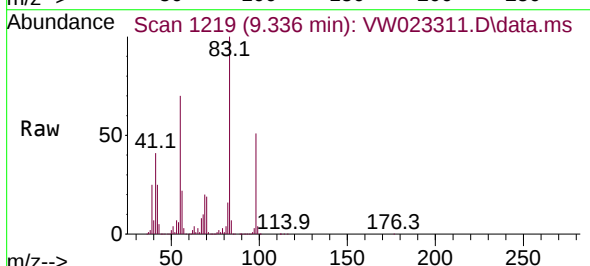
Tgt Ion: 83 Resp: 230007

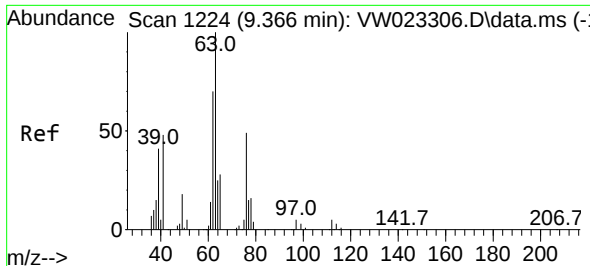
Ion Ratio Lower Upper

83 100

55 70.0 55.1 82.7

98 50.6 40.4 60.6





#37

1,2-Dichloropropane

Concen: 23.428 ug/L

RT: 9.366 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW023311.D

Acq: 25 May 2022 11:11

Instrument :

MSVOA_W

ClientSampleId :

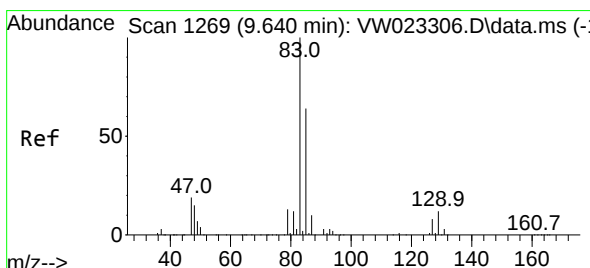
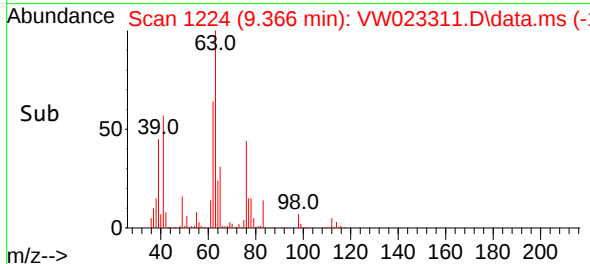
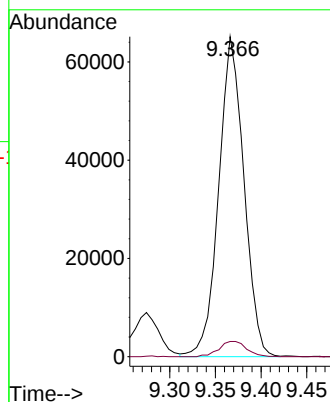
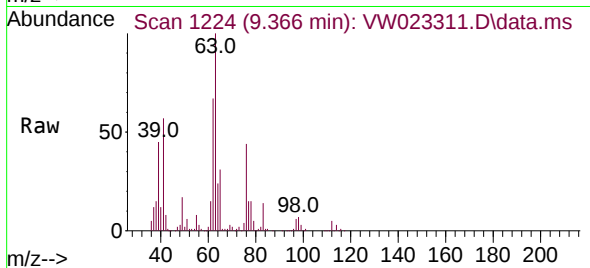
GBGR5MS

Tgt Ion: 63 Resp: 125027

Ion Ratio Lower Upper

63 100

112 5.2 3.8 5.8



#38

Bromodichloromethane

Concen: 22.813 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. 0.006 min

Lab File: VW023311.D

Acq: 25 May 2022 11:11

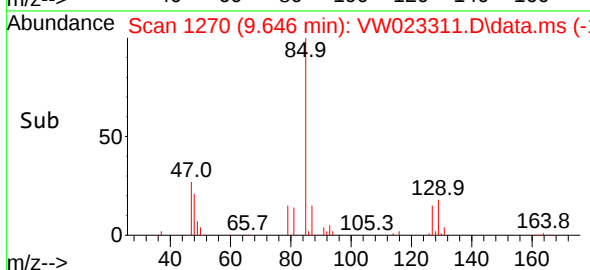
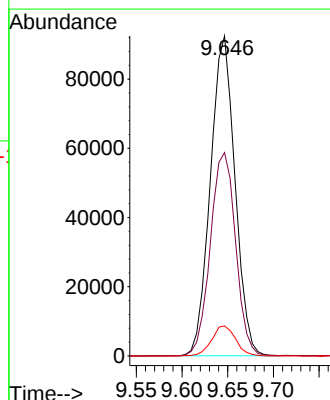
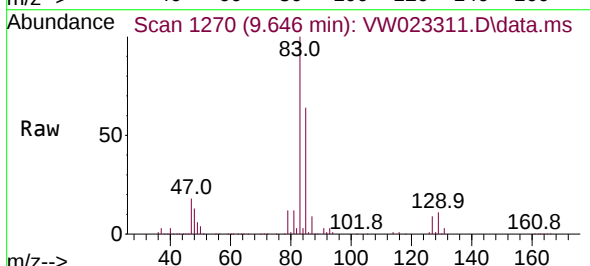
Tgt Ion: 83 Resp: 172920

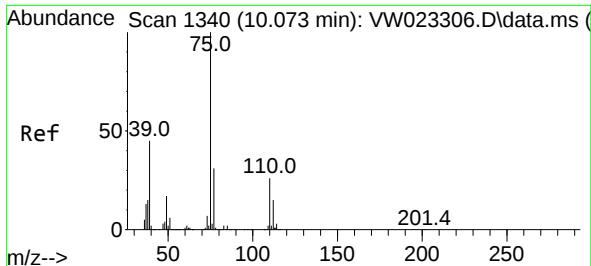
Ion Ratio Lower Upper

83 100

85 63.6 43.5 80.7

127 9.4 7.1 10.7





#39

cis-1,3-Dichloropropene

Concen: 24.023 ug/L

RT: 10.073 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW023311.D

Acq: 25 May 2022 11:11

Instrument :

MSVOA_W

ClientSampleId :

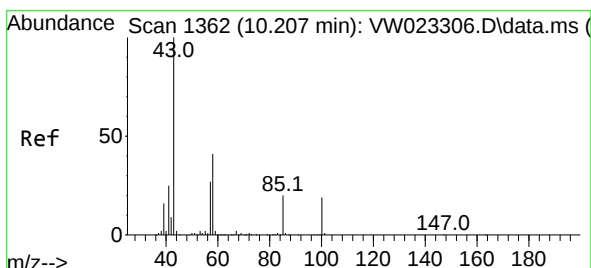
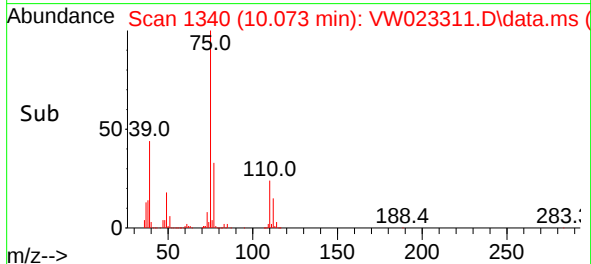
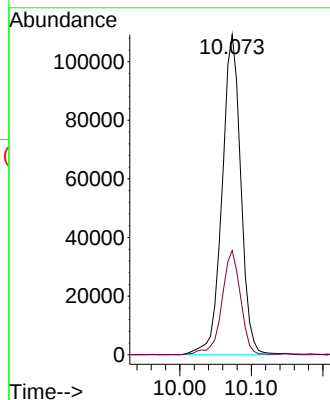
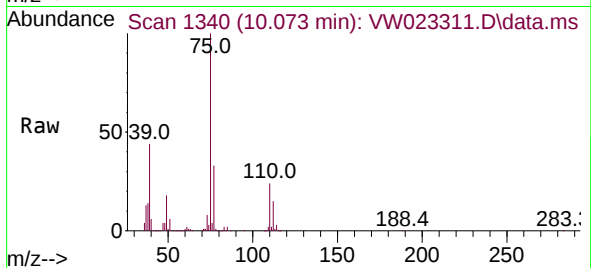
GBGR5MS

Tgt Ion: 75 Resp: 198781

Ion Ratio Lower Upper

75 100

77 32.6 22.1 41.1



#40

4-Methyl-2-pentanone

Concen: 48.334 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VW023311.D

Acq: 25 May 2022 11:11

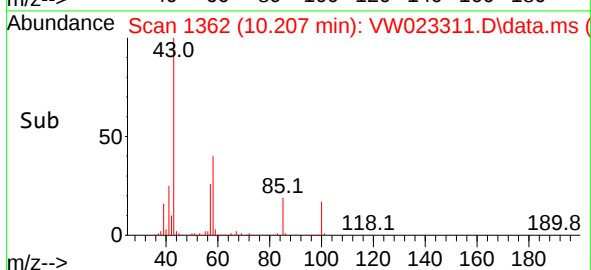
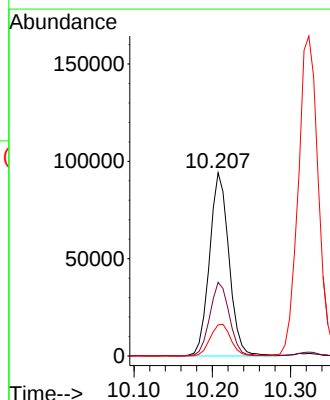
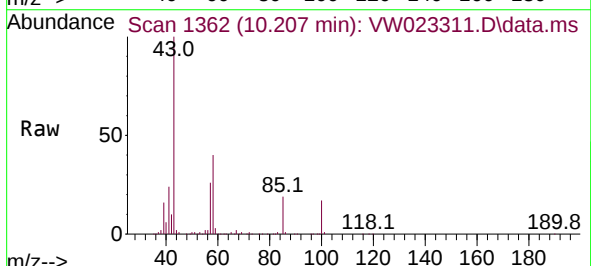
Tgt Ion: 43 Resp: 162577

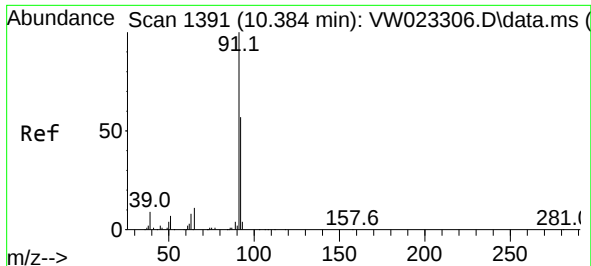
Ion Ratio Lower Upper

43 100

58 40.3 31.4 47.2

100 18.2 14.2 21.4

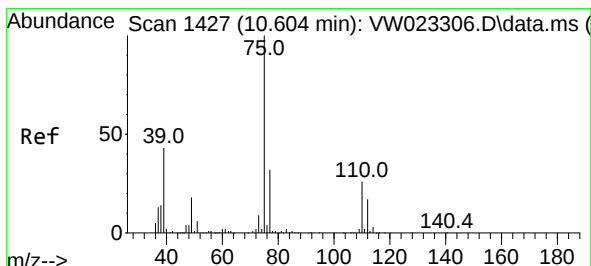
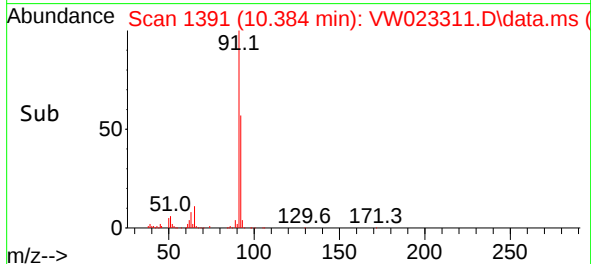
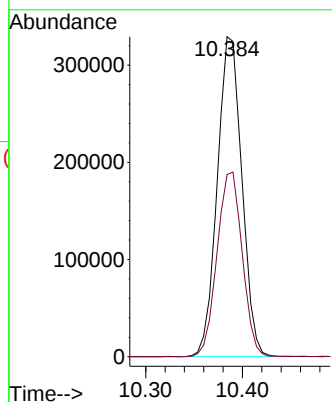
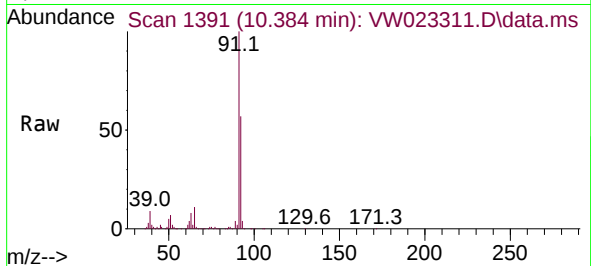




#42
Toluene
Concen: 23.527 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. 0.000 min
Lab File: VW023311.D
Acq: 25 May 2022 11:11

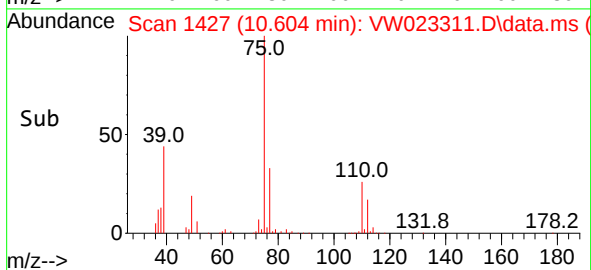
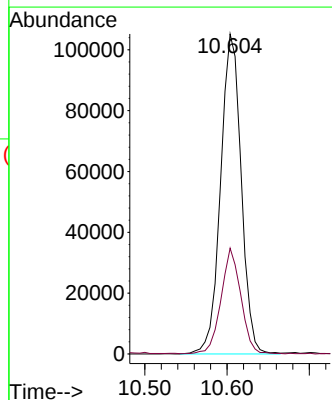
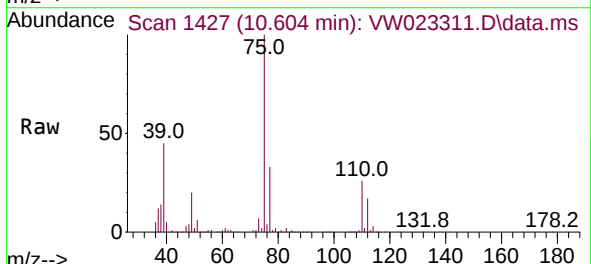
Instrument :
MSVOA_W
ClientSampleId :
GBGR5MS

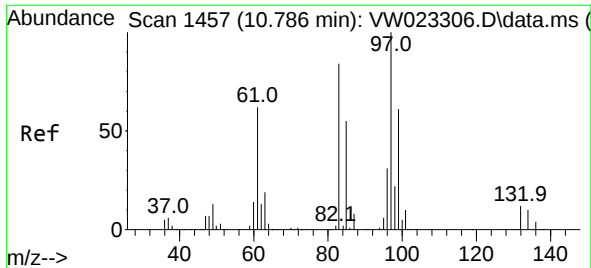
Tgt Ion: 91 Resp: 581440
Ion Ratio Lower Upper
91 100
92 56.9 41.6 77.2



#44
trans-1,3-Dichloropropene
Concen: 24.841 ug/L
RT: 10.604 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW023311.D
Acq: 25 May 2022 11:11

Tgt Ion: 75 Resp: 183470
Ion Ratio Lower Upper
75 100
77 33.1 22.0 40.8



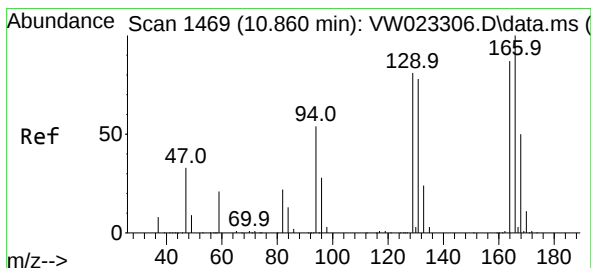
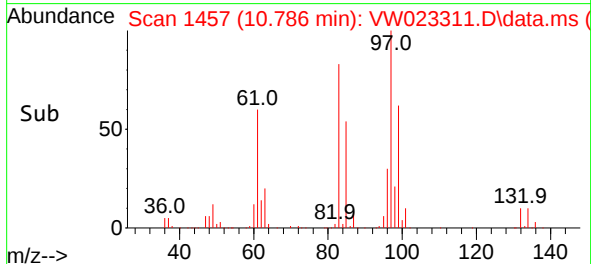
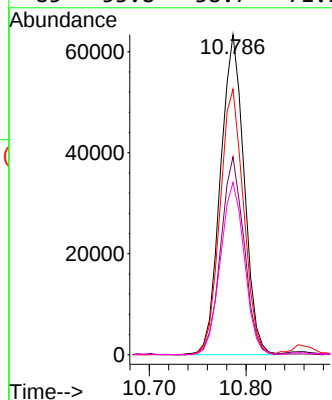
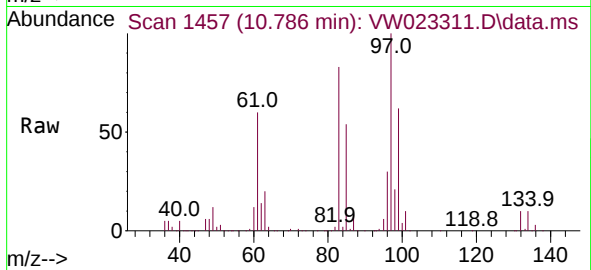


#45
1,1,2-Trichloroethane
Concen: 24.150 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW023311.D
Acq: 25 May 2022 11:11

Instrument :
MSVOA_W
ClientSampleId :
GBGR5MS

Tgt Ion: 97 Resp: 107736

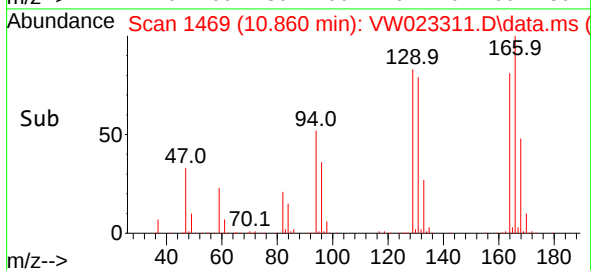
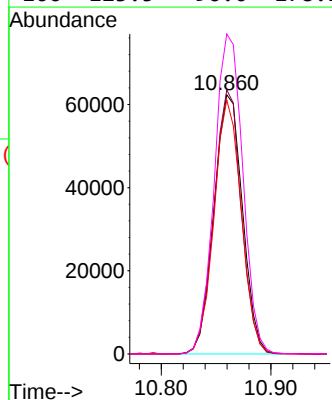
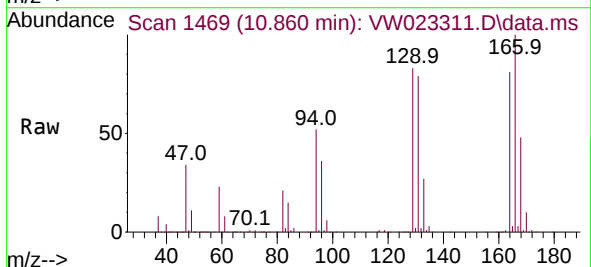
Ion	Ratio	Lower	Upper
97	100		
99	61.8	44.7	82.9
83	83.0	58.4	108.4
85	53.8	38.7	71.9

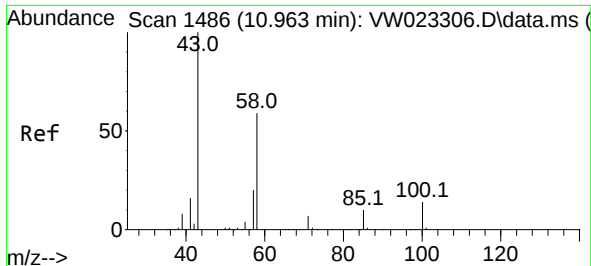


#46
Tetrachloroethene
Concen: 24.683 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW023311.D
Acq: 25 May 2022 11:11

Tgt Ion: 164 Resp: 112497

Ion	Ratio	Lower	Upper
164	100		
129	102.0	76.9	142.7
131	98.1	75.1	139.5
166	123.5	96.0	178.2

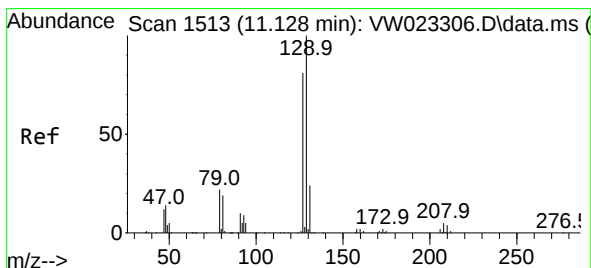
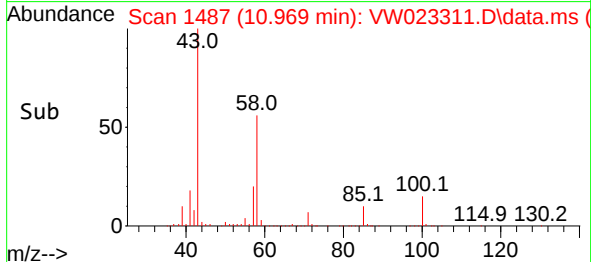
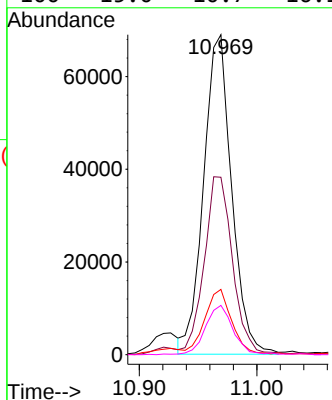
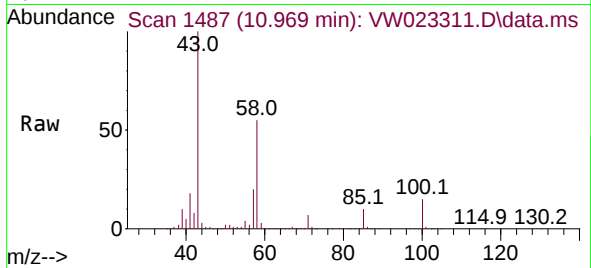




#48
2-Hexanone
Concen: 50.940 ug/L
RT: 10.969 min Scan# 1486
Delta R.T. 0.006 min
Lab File: VW023311.D
Acq: 25 May 2022 11:11

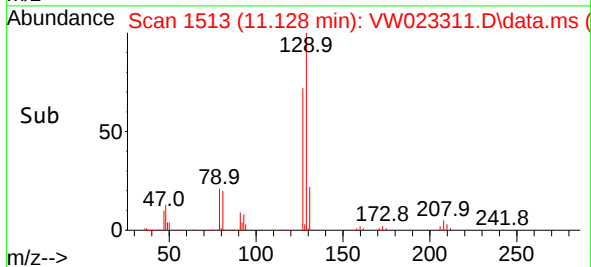
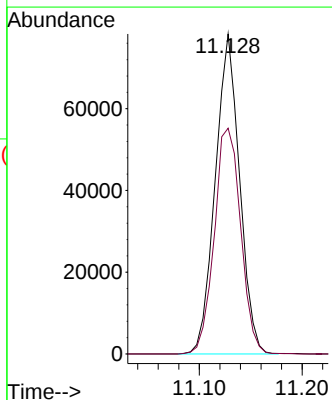
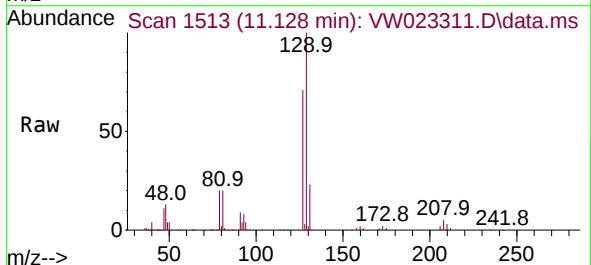
Instrument :
MSVOA_W
ClientSampleId :
GBGR5MS

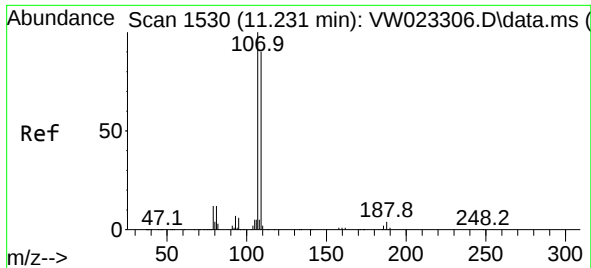
Tgt Ion: 43 Resp: 114484
Ion Ratio Lower Upper
43 100
58 56.4 45.9 68.9
57 19.6 16.2 24.2
100 15.0 10.7 16.1



#49
Dibromochloromethane
Concen: 23.943 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW023311.D
Acq: 25 May 2022 11:11

Tgt Ion: 129 Resp: 128555
Ion Ratio Lower Upper
129 100
127 70.6 53.8 100.0





#50

1,2-Dibromoethane

Concen: 23.413 ug/L

RT: 11.232 min Scan# 1530

Delta R.T. 0.000 min

Lab File: VW023311.D

Acq: 25 May 2022 11:11

Instrument :

MSVOA_W

ClientSampleId :

GBGR5MS

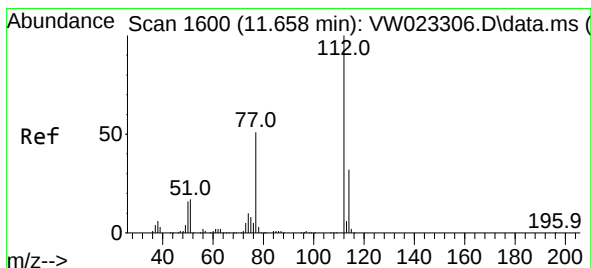
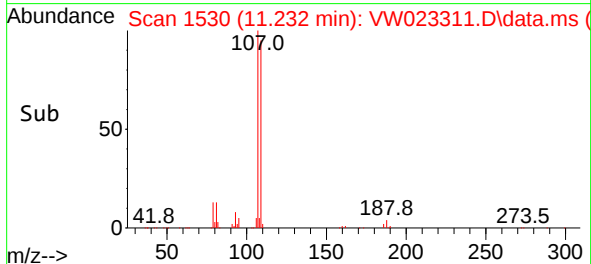
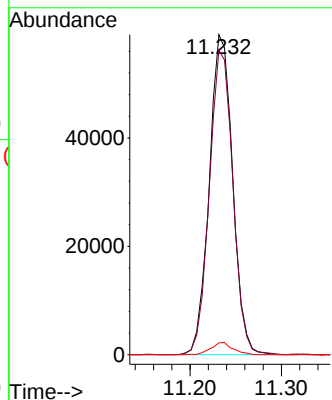
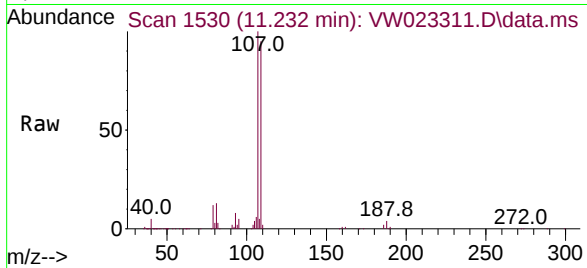
Tgt Ion:107 Resp: 104882

Ion Ratio Lower Upper

107 100

109 95.2 67.5 125.4

188 3.7 2.9 4.3



#51

Chlorobenzene

Concen: 24.045 ug/L

RT: 11.652 min Scan# 1599

Delta R.T. -0.006 min

Lab File: VW023311.D

Acq: 25 May 2022 11:11

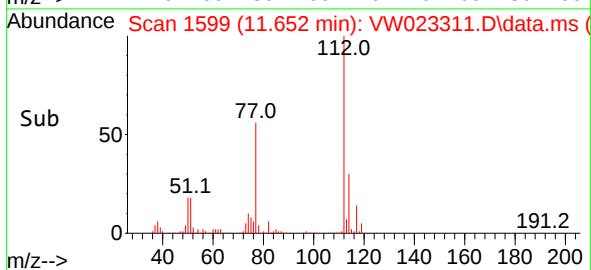
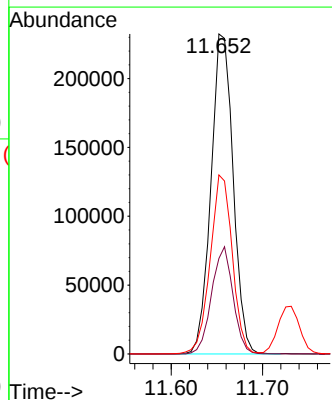
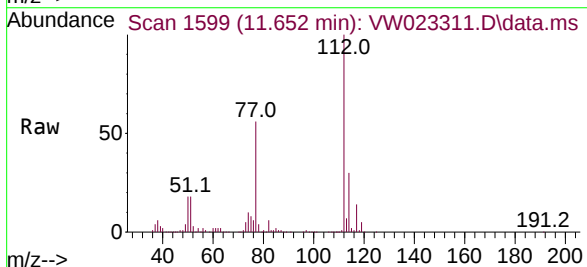
Tgt Ion:112 Resp: 391756

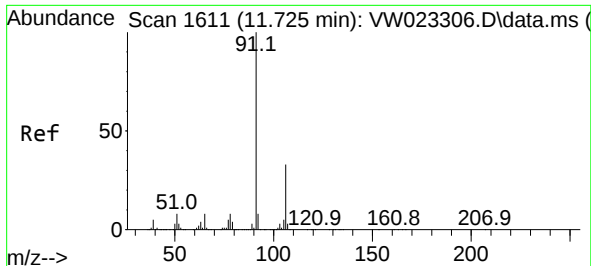
Ion Ratio Lower Upper

112 100

114 29.9 22.0 41.0

77 55.9 42.6 63.8

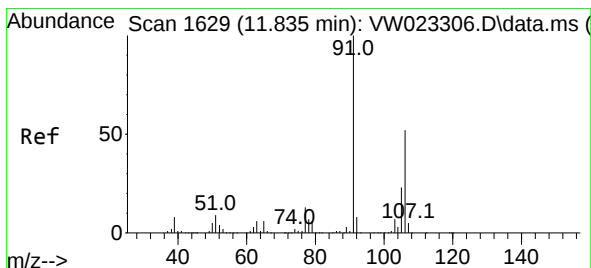
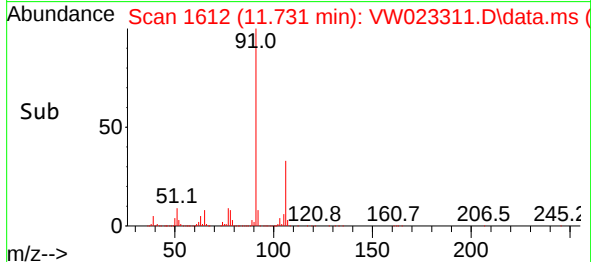
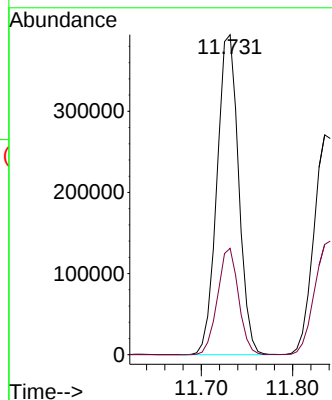
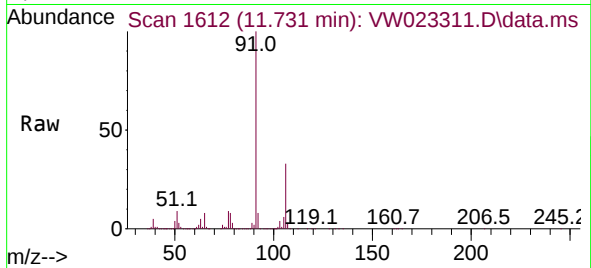




#52
Ethylbenzene
Concen: 23.627 ug/L
RT: 11.731 min Scan# 1611
Delta R.T. 0.006 min
Lab File: VW023311.D
Acq: 25 May 2022 11:11

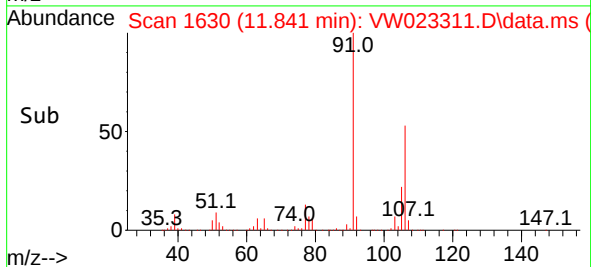
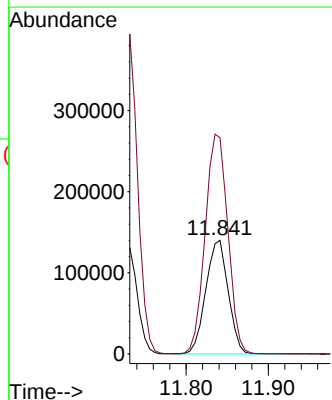
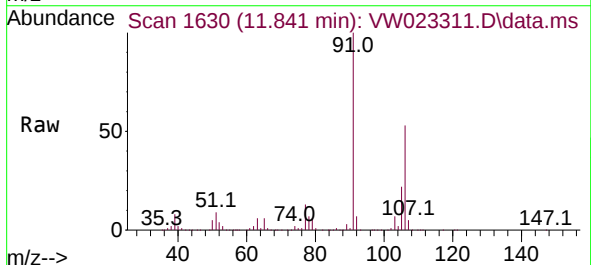
Instrument :
MSVOA_W
ClientSampleId :
GBGR5MS

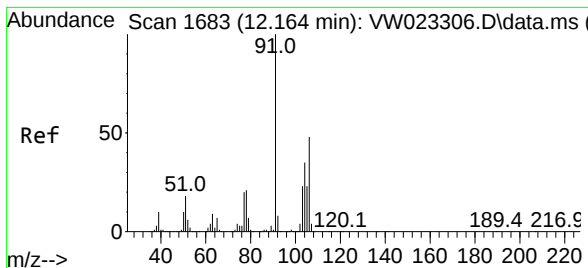
Tgt Ion: 91 Resp: 649623
Ion Ratio Lower Upper
91 100
106 33.3 22.3 41.3



#53
m,p-Xylene
Concen: 24.407 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. 0.006 min
Lab File: VW023311.D
Acq: 25 May 2022 11:11

Tgt Ion: 106 Resp: 264419
Ion Ratio Lower Upper
106 100
91 190.3 136.8 254.0

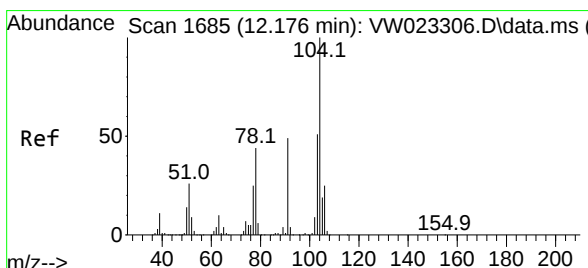
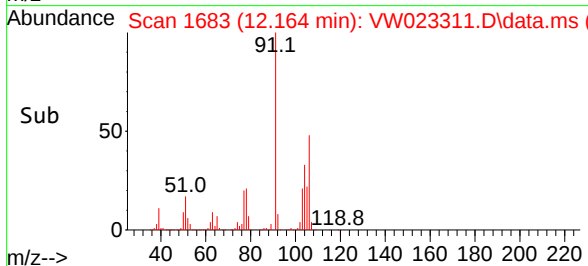
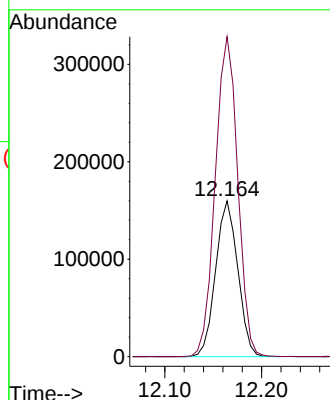
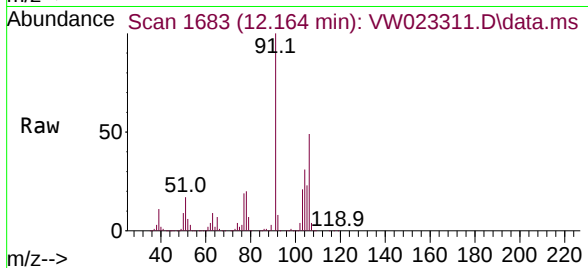




#54
o-Xylene
Concen: 24.424 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW023311.D
Acq: 25 May 2022 11:11

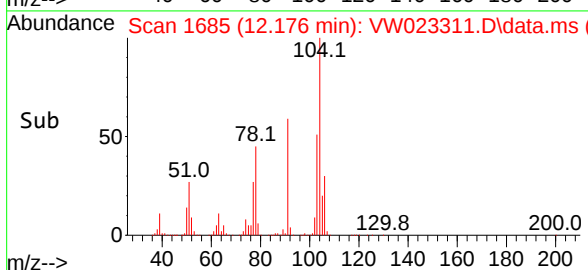
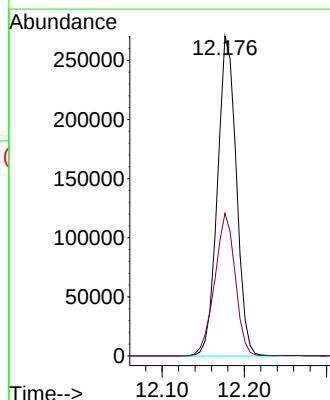
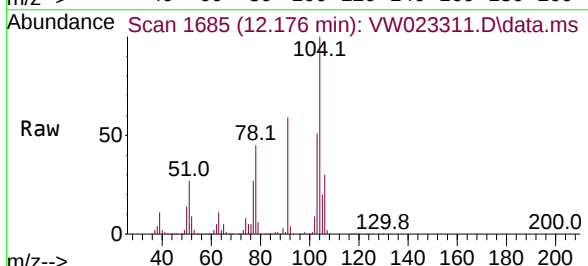
Instrument :
MSVOA_W
ClientSampleId :
GBGR5MS

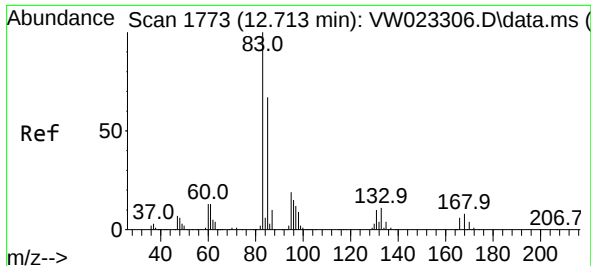
Tgt Ion:106 Resp: 253917
Ion Ratio Lower Upper
106 100
91 205.2 147.2 273.4



#55
Styrene
Concen: 24.430 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VW023311.D
Acq: 25 May 2022 11:11

Tgt Ion:104 Resp: 431562
Ion Ratio Lower Upper
104 100
78 44.6 32.3 59.9





#57

1,1,2,2-Tetrachloroethane

Concen: 23.753 ug/L

RT: 12.713 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW023311.D

Acq: 25 May 2022 11:11

Instrument :

MSVOA_W

ClientSampleId :

GBGR5MS

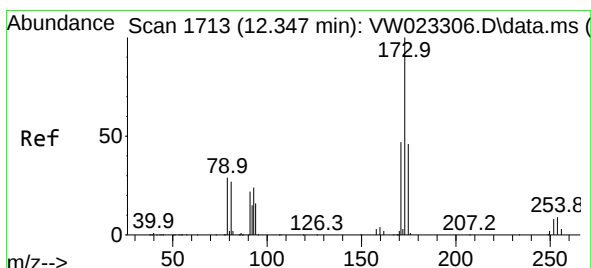
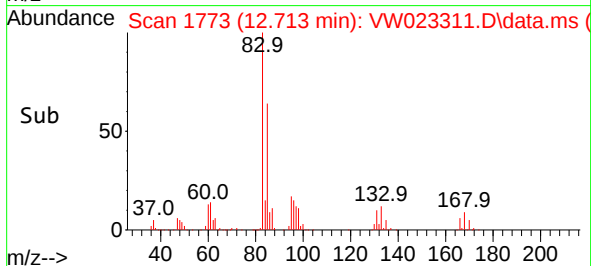
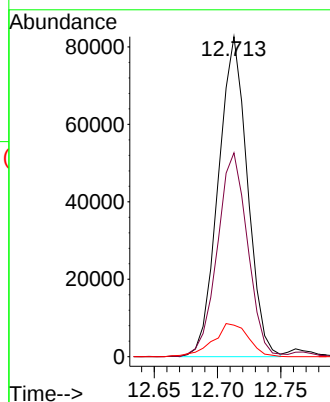
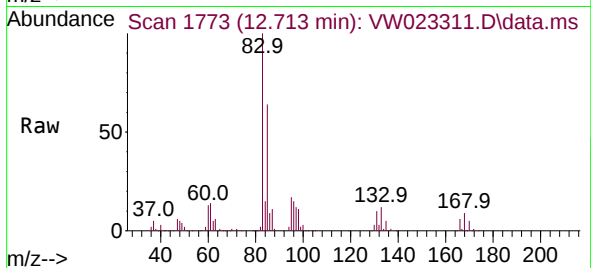
Tgt Ion: 83 Resp: 132357

Ion Ratio Lower Upper

83 100

85 63.7 47.5 88.1

131 9.8 8.7 13.1



#59

Bromoform

Concen: 21.290 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. 0.000 min

Lab File: VW023311.D

Acq: 25 May 2022 11:11

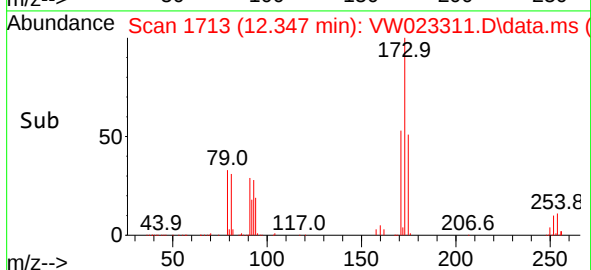
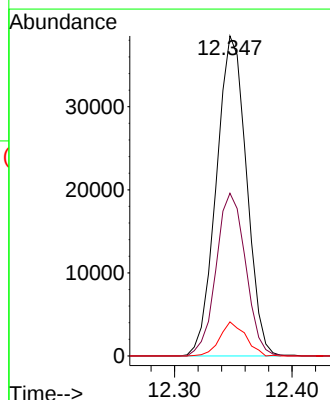
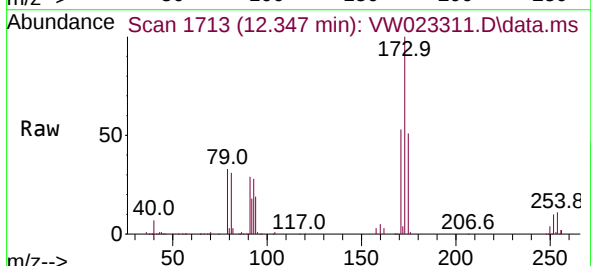
Tgt Ion:173 Resp: 68669

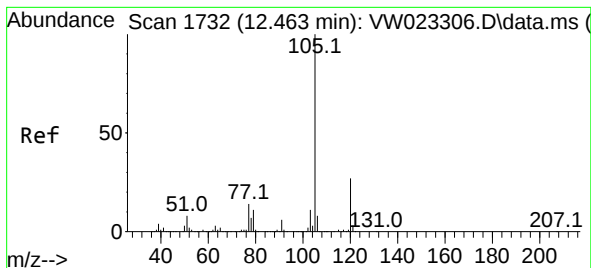
Ion Ratio Lower Upper

173 100

175 49.7 38.1 57.1

254 9.1 6.5 9.7

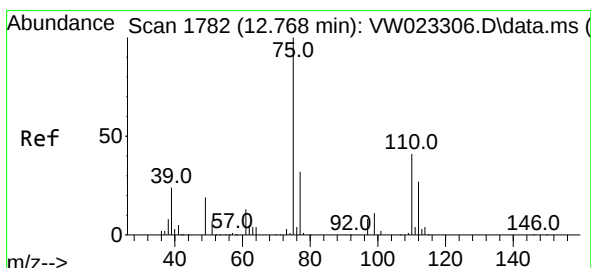
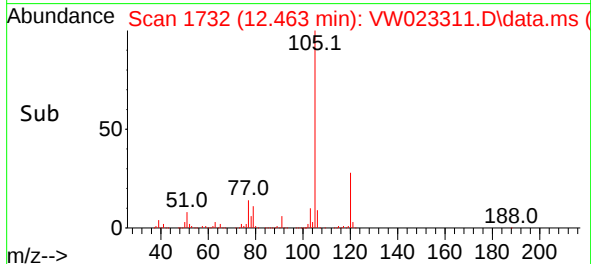
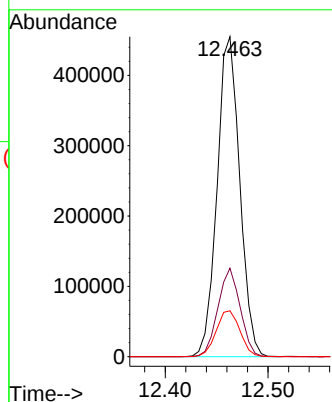
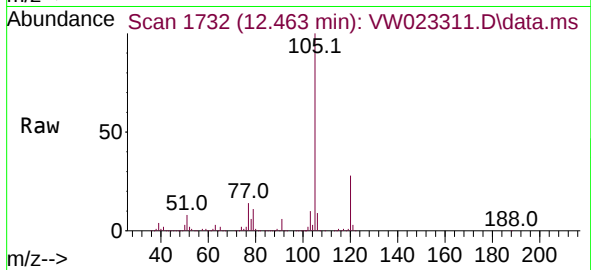




#60
Isopropylbenzene
Concen: 22.304 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW023311.D
Acq: 25 May 2022 11:11

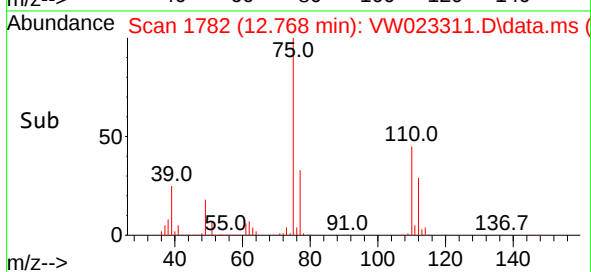
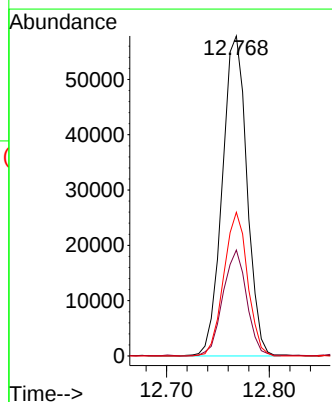
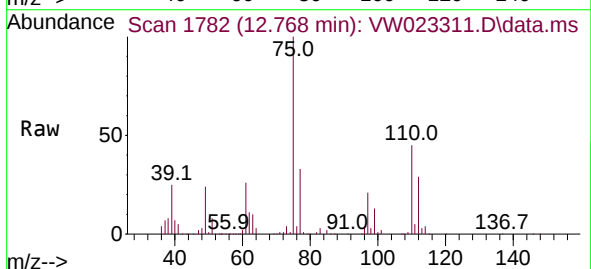
Instrument :
MSVOA_W
ClientSampleId :
GBGR5MS

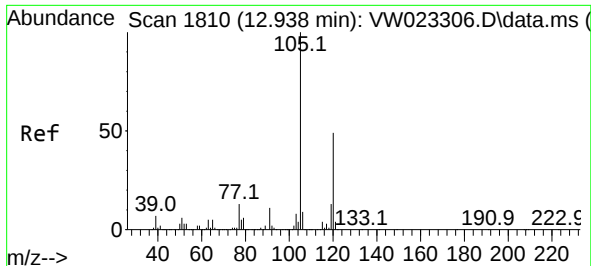
Tgt Ion:105 Resp: 695446
Ion Ratio Lower Upper
105 100
120 27.1 21.3 31.9
77 15.2 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 21.182 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW023311.D
Acq: 25 May 2022 11:11

Tgt Ion: 75 Resp: 96328
Ion Ratio Lower Upper
75 100
77 32.0 26.2 39.2
110 43.3 34.1 51.1





#62

1,3,5-Trimethylbenzene

Concen: 21.447 ug/L

RT: 12.939 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VW023311.D

Acq: 25 May 2022 11:11

Instrument :

MSVOA_W

ClientSampleId :

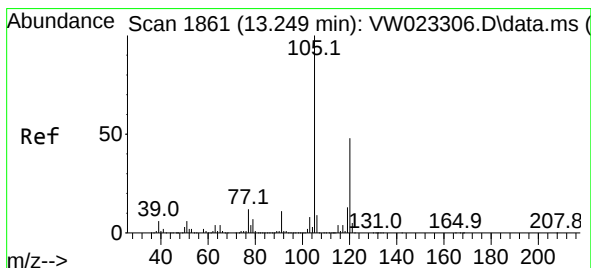
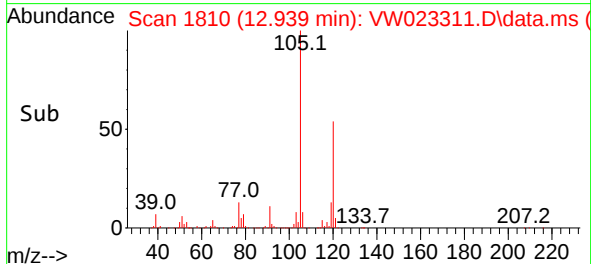
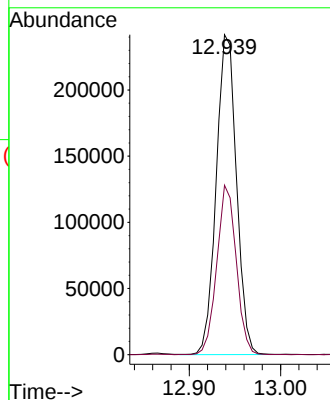
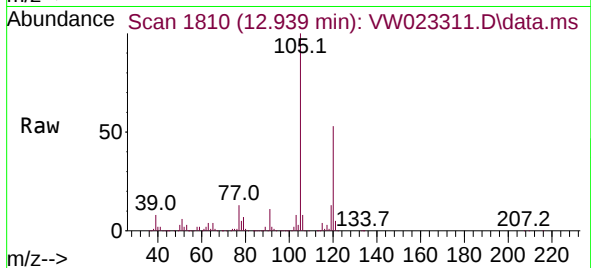
GBGR5MS

Tgt Ion:105 Resp: 372036

Ion Ratio Lower Upper

105 100

120 50.9 38.9 58.3



#63

1,2,4-Trimethylbenzene

Concen: 21.987 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. 0.000 min

Lab File: VW023311.D

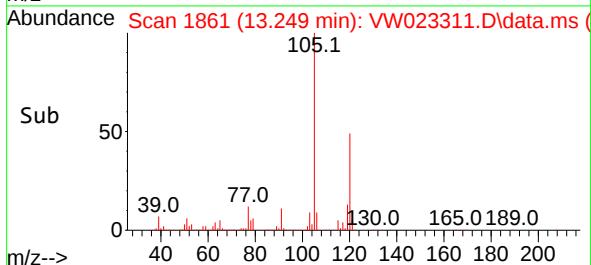
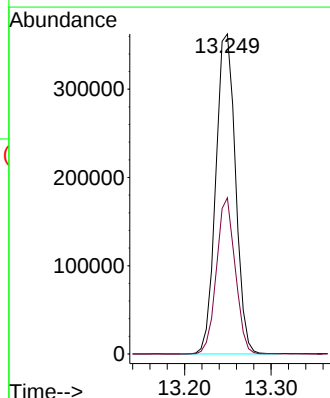
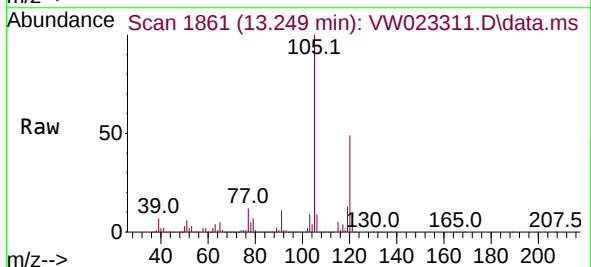
Acq: 25 May 2022 11:11

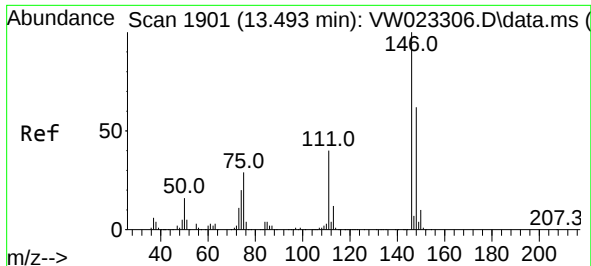
Tgt Ion:105 Resp: 572684

Ion Ratio Lower Upper

105 100

120 46.3 37.4 56.2

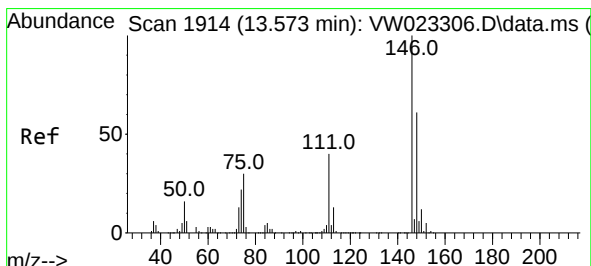
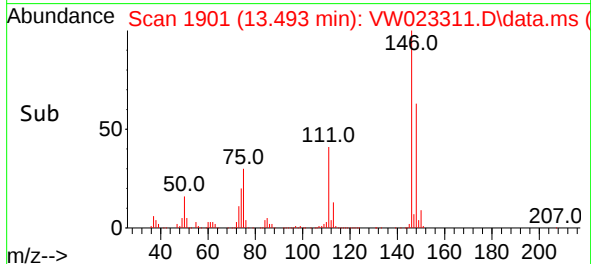
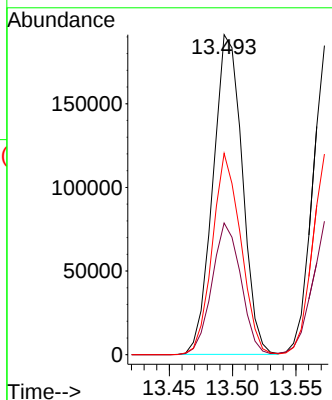
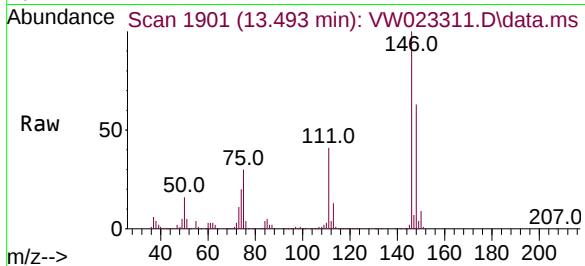




#64
1,3-Dichlorobenzene
Concen: 22.125 ug/L
RT: 13.493 min Scan# 1901
Delta R.T. 0.000 min
Lab File: VW023311.D
Acq: 25 May 2022 11:11

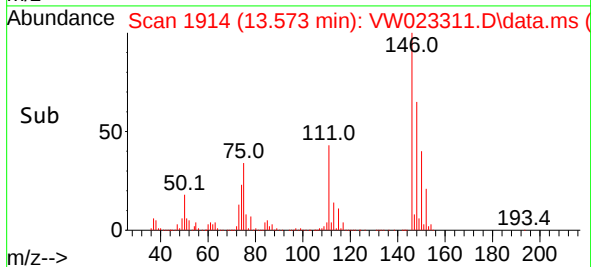
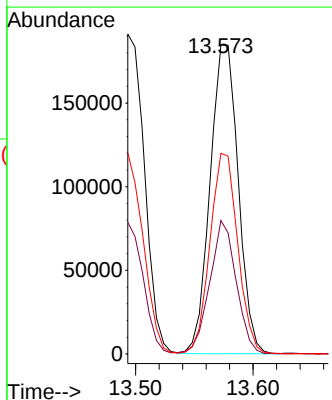
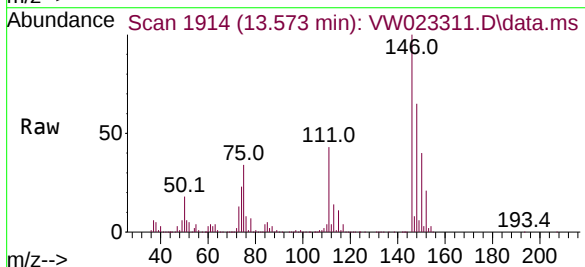
Instrument :
MSVOA_W
ClientSampleId :
GBGR5MS

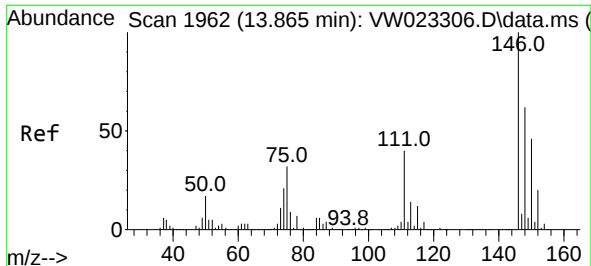
Tgt Ion:146 Resp: 308000
Ion Ratio Lower Upper
146 100
111 41.2 29.5 54.9
148 62.9 48.6 90.2



#65
1,4-Dichlorobenzene
Concen: 21.421 ug/L
RT: 13.573 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VW023311.D
Acq: 25 May 2022 11:11

Tgt Ion:146 Resp: 308014
Ion Ratio Lower Upper
146 100
111 43.2 27.2 50.4
148 64.9 44.0 81.6





#67

1,2-Dichlorobenzene

Concen: 22.820 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. 0.000 min

Lab File: VW023311.D

Acq: 25 May 2022 11:11

Instrument :

MSVOA_W

ClientSampleId :

GBGR5MS

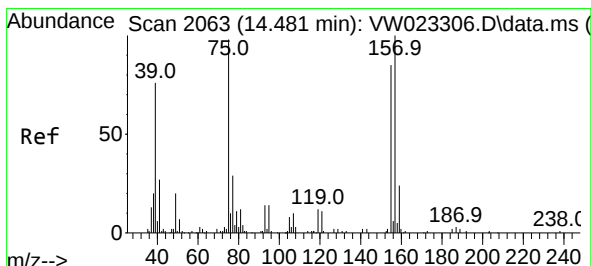
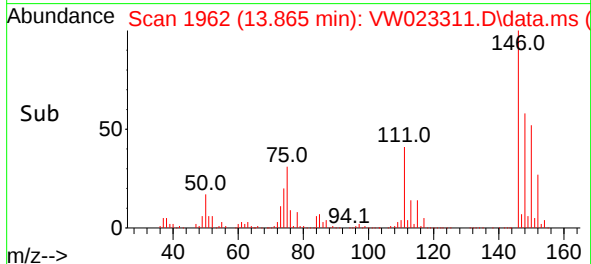
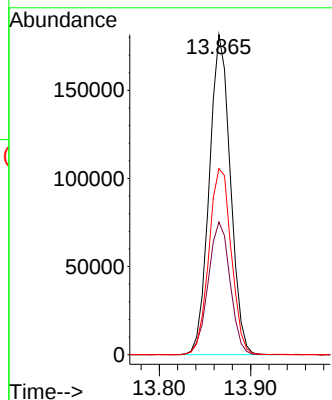
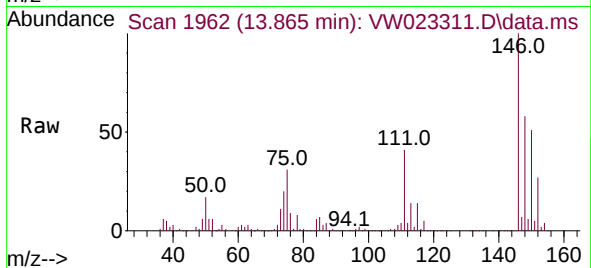
Tgt Ion:146 Resp: 290697

Ion Ratio Lower Upper

146 100

111 41.4 35.7 53.5

148 58.2 52.6 79.0



#68

1,2-Dibromo-3-chloropropane

Concen: 21.196 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VW023311.D

Acq: 25 May 2022 11:11

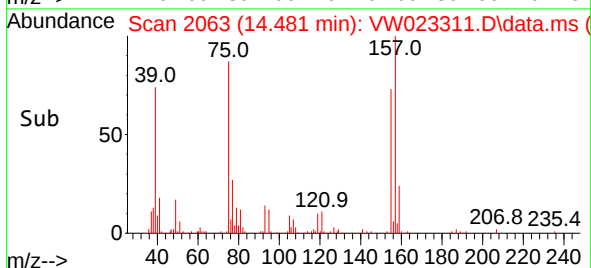
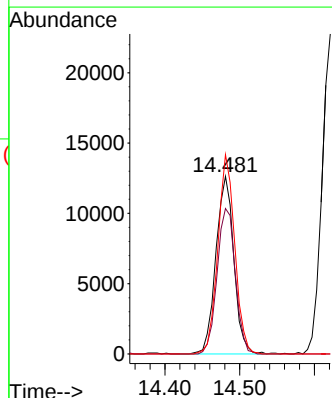
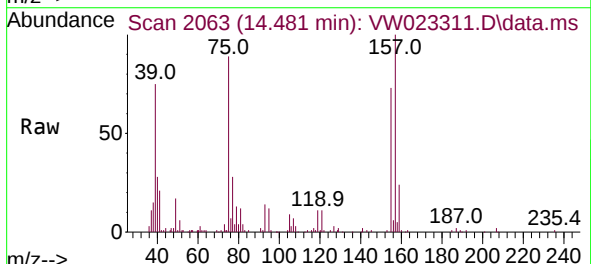
Tgt Ion: 75 Resp: 21066

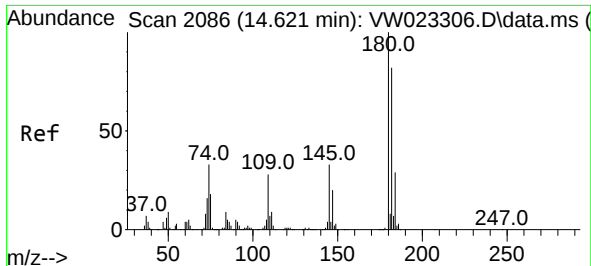
Ion Ratio Lower Upper

75 100

155 81.9 59.3 88.9

157 112.3 89.8 134.8

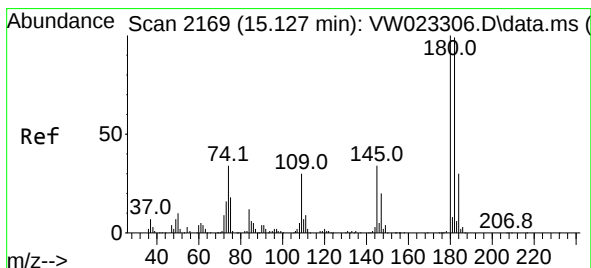
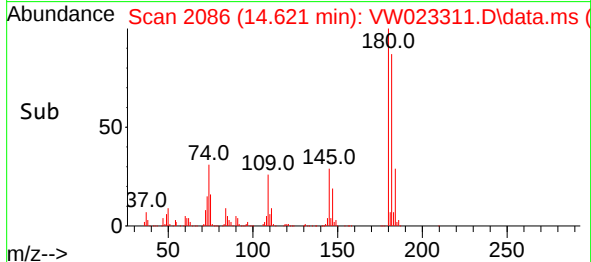
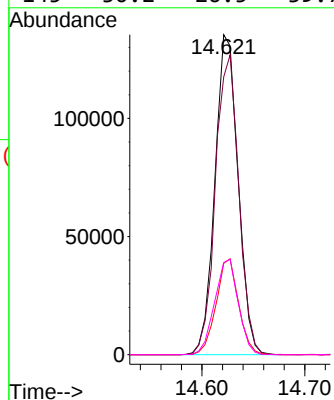
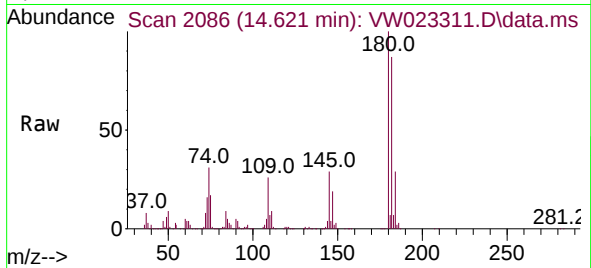




#69
1,3,5-Trichlorobenzene
Concen: 22.947 ug/L
RT: 14.621 min Scan# 2086
Delta R.T. 0.000 min
Lab File: VW023311.D
Acq: 25 May 2022 11:11

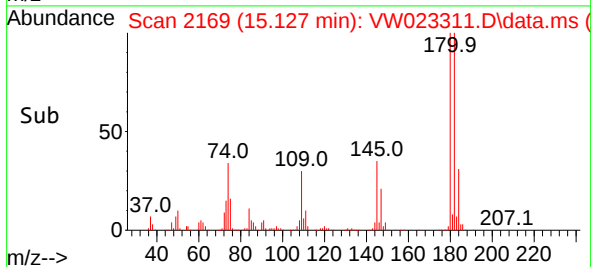
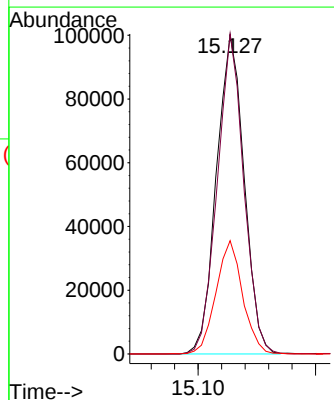
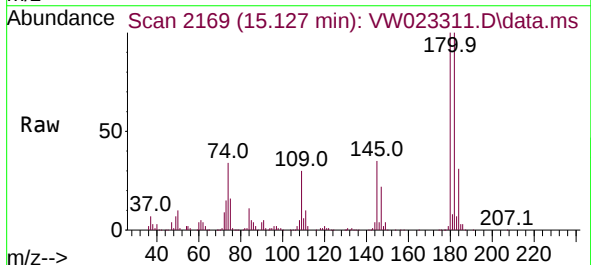
Instrument :
MSVOA_W
ClientSampleId :
GBGR5MS

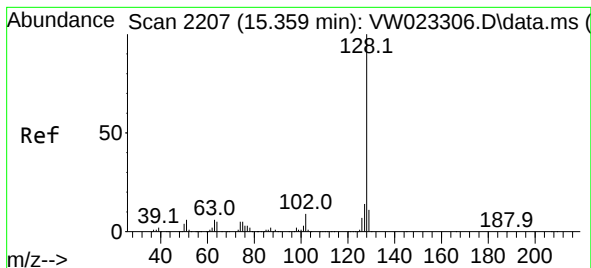
Tgt Ion:	180	Resp:	212043
Ion Ratio	Lower	Upper	
180	100		
182	94.5	74.8	112.2
184	29.1	23.4	35.2
145	30.2	26.5	39.7



#70
1,2,4-trichlorobenzene
Concen: 22.034 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. 0.000 min
Lab File: VW023311.D
Acq: 25 May 2022 11:11

Tgt Ion:	180	Resp:	163780
Ion Ratio	Lower	Upper	
180	100		
182	95.8	74.9	112.3
145	34.3	26.6	39.8





#71

Naphthalene

Concen: 23.141 ug/L

RT: 15.359 min Scan# 21

Delta R.T. 0.000 min

Lab File: VW023311.D

Acq: 25 May 2022 11:11

Instrument :

MSVOA_W

ClientSampleId :

GBGR5MS

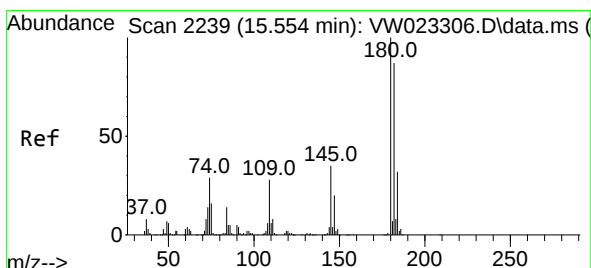
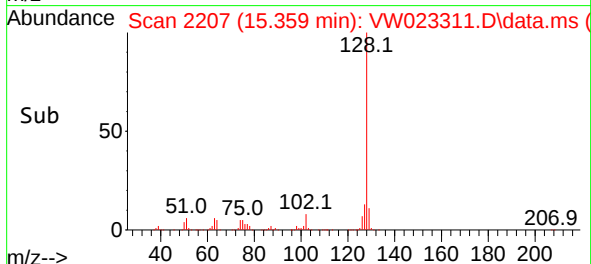
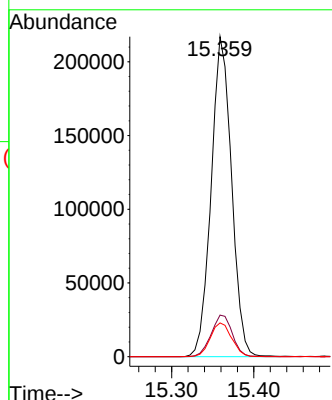
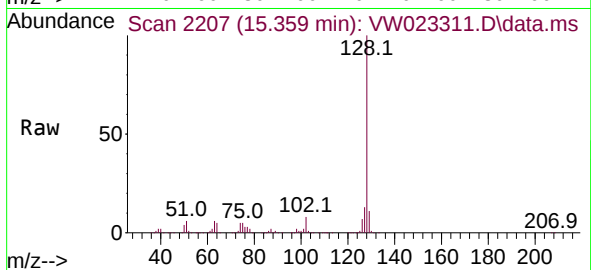
Tgt Ion:128 Resp: 373859

Ion Ratio Lower Upper

128 100

127 13.5 10.6 16.0

129 11.1 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 22.520 ug/L

RT: 15.548 min Scan# 2238

Delta R.T. -0.006 min

Lab File: VW023311.D

Acq: 25 May 2022 11:11

Tgt Ion:180 Resp: 148362

Ion Ratio Lower Upper

180 100

182 94.1 73.5 110.3

145 34.4 27.9 41.9

