

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW061322\
 Data File : VW023465.D
 Acq On : 13 Jun 2022 08:34
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jun 14 01:23:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM061022SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Jun 11 00:06:08 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	398910	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	376417	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	202233	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	138379	21.835	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.360%
7) Chloroethane-d5	2.885	69	96343	20.681	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.720%
11) 1,1-Dichloroethene-d2	4.026	63	202218	22.860	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	91.440%
21) 2-Butanone-d5	7.074	46	65673	50.754	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.500%
24) Chloroform-d	7.653	84	252271	22.973	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.880%
26) 1,2-Dichloroethane-d4	8.305	65	131480	22.232	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	88.920%
32) Benzene-d6	8.275	84	458060	22.950	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.800%
36) 1,2-Dichloropropane-d6	9.275	67	140553	23.903	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.600%
41) Toluene-d8	10.323	98	468753	24.045	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.200%
43) trans-1,3-Dichloroprop...	10.579	79	63152	23.530	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.120%
47) 2-Hexanone-d5	10.921	63	55272	58.825	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	117.640%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	139503	25.401	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	101.600%
66) 1,2-Dichlorobenzene-d4	13.847	152	169065	23.158	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.640%
Target Compounds						
					Qvalue	
3) Chloromethane	2.221	50	120330	25.009	ug/L	98
5) Vinyl chloride	2.361	62	183334	24.449	ug/L	100
6) Bromomethane	2.782	94	90043	21.216	ug/L	97
8) Chloroethane	2.922	64	88791	22.352	ug/L	99
9) Trichlorofluoromethane	3.257	101	94355	27.899	ug/L	95
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	124571	25.549	ug/L	98
12) 1,1-Dichloroethene	4.038	96	107980	24.860	ug/L	93
13) Acetone	4.123	43	51084	54.797	ug/L	75
14) Carbon disulfide	4.385	76	331918	24.841	ug/L	98
16) Methylene chloride	4.916	84	128755	23.849	ug/L	96
17) trans-1,2-Dichloroethene	5.428	96	128343	24.956	ug/L	100
18) Methyl tert-butyl Ether	5.428	73	204621	26.436	ug/L	99
19) 1,1-Dichloroethane	6.214	63	222395	24.142	ug/L	97
20) cis-1,2-Dichloroethene	7.165	96	137199	24.395	ug/L #	96
22) 2-Butanone	7.171	43	79069	55.412	ug/L	99
23) Bromochloromethane	7.513	128	64827	25.021	ug/L	93
25) Chloroform	7.677	83	250864	24.132	ug/L	98
27) 1,2-Dichloroethane	8.397	62	163749	23.818	ug/L	100
29) Cyclohexane	7.958	56	185462	24.462	ug/L	98

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 Quant Title : SFAM01.0
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 Response via : Initial Calibration

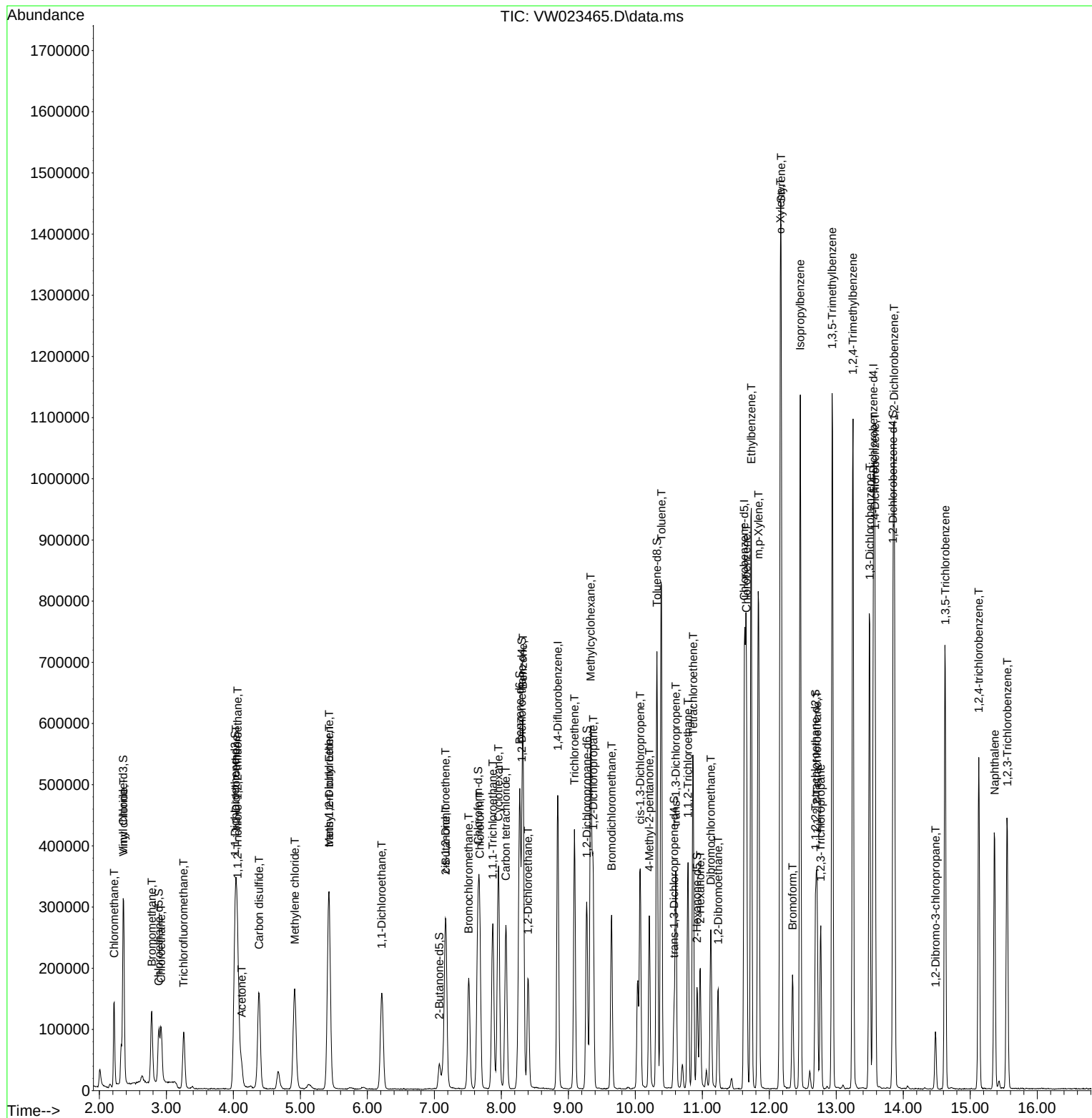
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30) 1,1,1-Trichloroethane	7.872	97	215820	24.769	ug/L	99
31) Carbon tetrachloride	8.067	117	195975	24.414	ug/L	99
33) Benzene	8.324	78	521109	23.965	ug/L	100
34) Trichloroethene	9.092	95	141185	24.224	ug/L	96
35) Methylcyclohexane	9.336	83	233276	24.723	ug/L	97
37) 1,2-Dichloropropane	9.372	63	130523	24.563	ug/L	98
38) Bromodichloromethane	9.646	83	179892	24.070	ug/L	94
39) cis-1,3-Dichloropropene	10.073	75	206104	25.310	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	170316	56.194	ug/L	99
42) Toluene	10.390	91	616640	25.382	ug/L	95
44) trans-1,3-Dichloropropene	10.604	75	188346	25.633	ug/L	99
45) 1,1,2-Trichloroethane	10.787	97	112736	25.827	ug/L	97
46) Tetrachloroethene	10.866	164	114746	25.503	ug/L	82
48) 2-Hexanone	10.969	43	123570	60.328	ug/L	97
49) Dibromochloromethane	11.128	129	131982	25.818	ug/L	98
50) 1,2-Dibromoethane	11.238	107	105023	25.738	ug/L	98
51) Chlorobenzene	11.658	112	384577	23.456	ug/L	98
52) Ethylbenzene	11.731	91	659293	23.878	ug/L	96
53) m,p-Xylene	11.841	106	270137	25.137	ug/L	100
54) o-Xylene	12.164	106	261565	25.470	ug/L	98
55) Styrene	12.177	104	452558	25.345	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	142292	26.843	ug/L	94
59) Bromoform	12.347	173	78705	27.379	ug/L	97
60) Isopropylbenzene	12.463	105	708438	24.473	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	102274	26.578	ug/L	99
62) 1,3,5-Trimethylbenzene	12.939	105	598064	25.261	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	572005	24.143	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	306672	23.880	ug/L	93
65) 1,4-Dichlorobenzene	13.579	146	316797	24.159	ug/L	96
67) 1,2-Dichlorobenzene	13.865	146	295557	25.127	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	22082	25.989	ug/L	93
69) 1,3,5-Trichlorobenzene	14.627	180	215991	25.740	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	162254	24.832	ug/L	97
71) Naphthalene	15.365	128	354013	27.542	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	135516	23.857	ug/L	92

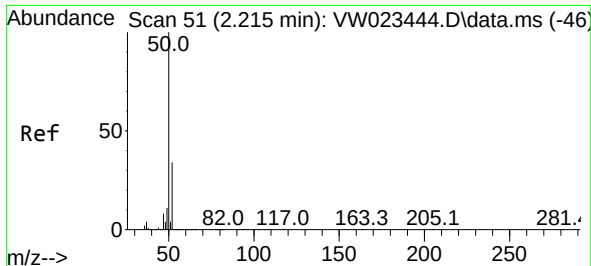
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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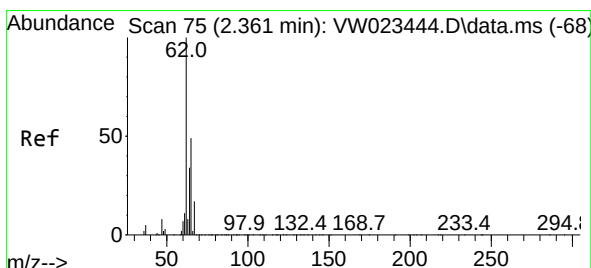
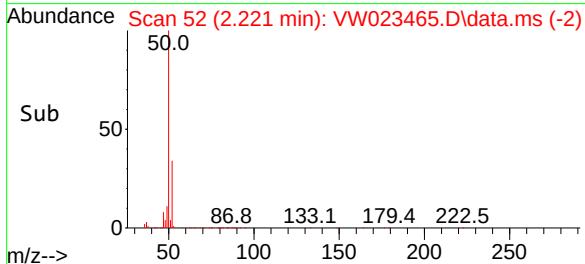
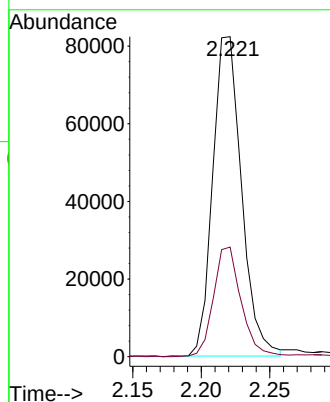
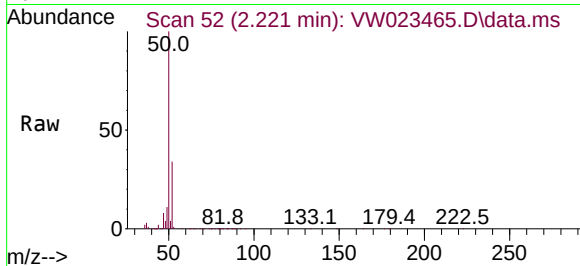




#3
Chloromethane
Concen: 25.009 ug/L
RT: 2.221 min Scan# 51
Delta R.T. 0.006 min
Lab File: VW023465.D
Acq: 13 Jun 2022 08:34

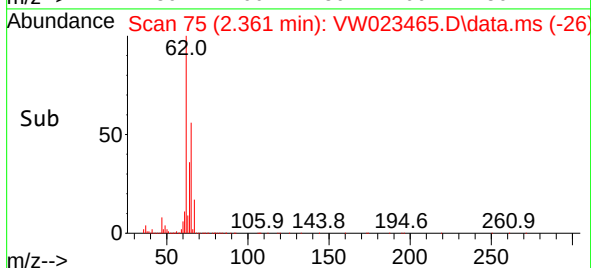
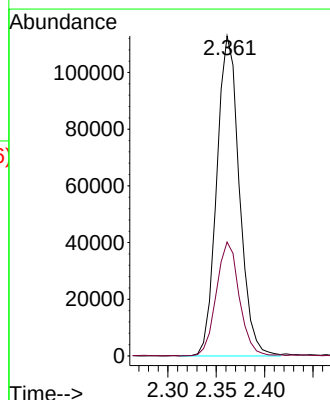
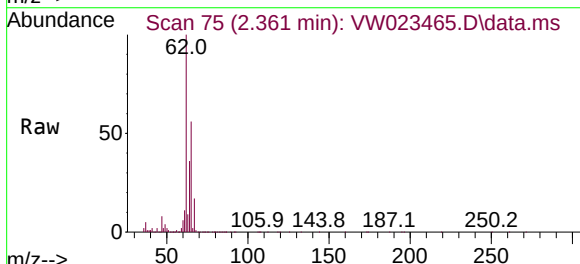
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MSVOA_W
ClientSampleId :

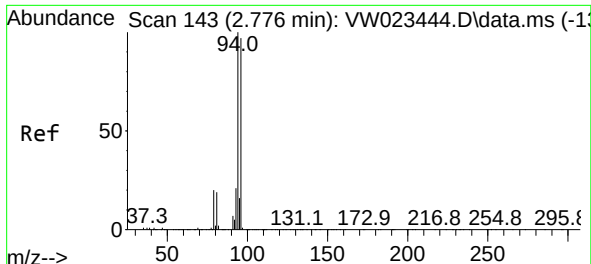
Tgt Ion: 50 Resp: 120330
Ion Ratio Lower Upper
50 100
52 34.3 23.1 42.9



#5
Vinyl chloride
Concen: 24.449 ug/L
RT: 2.361 min Scan# 75
Delta R.T. 0.000 min
Lab File: VW023465.D
Acq: 13 Jun 2022 08:34

Tgt Ion: 62 Resp: 183334
Ion Ratio Lower Upper
62 100
64 35.6 24.9 46.3

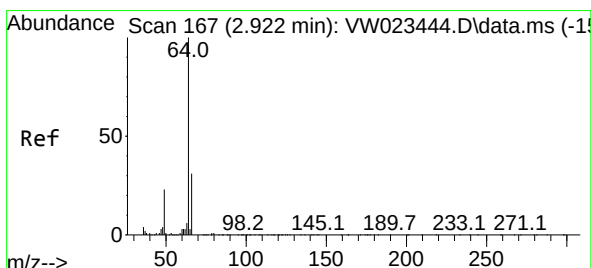
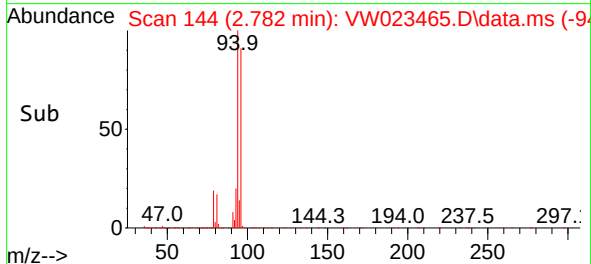
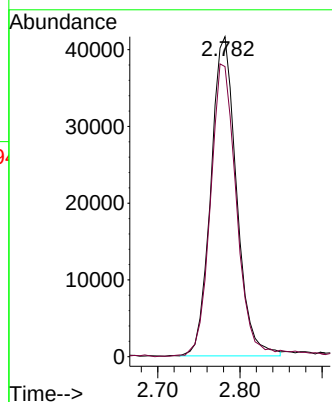
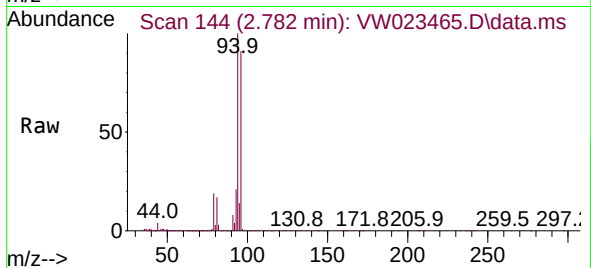




#6
Bromomethane
Concen: 21.216 ug/L
RT: 2.782 min Scan# 143
Delta R.T. 0.006 min
Lab File: VW023465.D
Acq: 13 Jun 2022 08:34

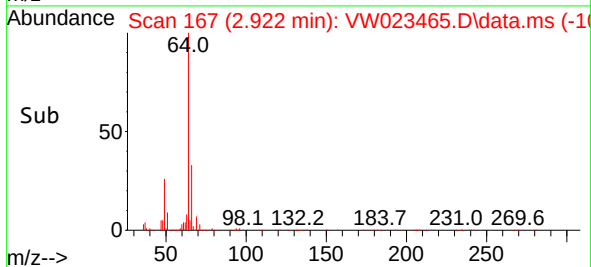
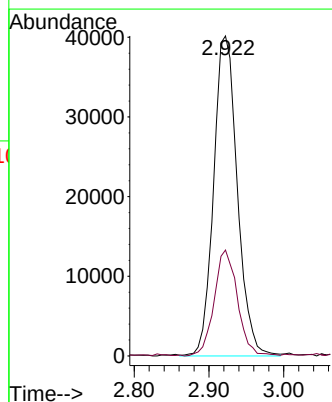
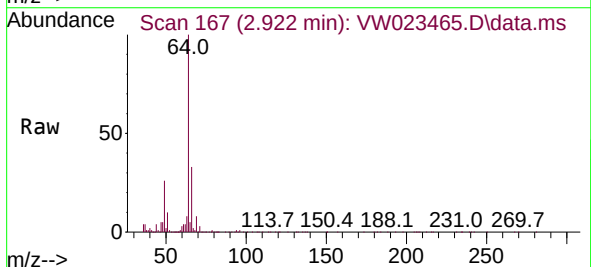
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MSVOA_W
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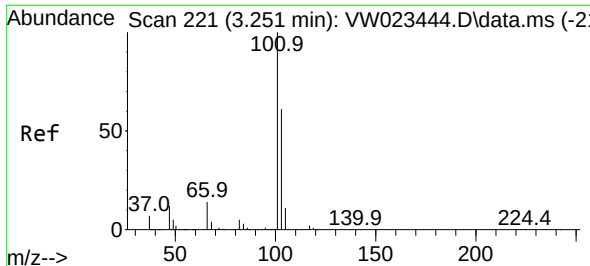
Tgt Ion: 94 Resp: 90043
Ion Ratio Lower Upper
94 100
96 90.7 61.7 114.5



#8
Chloroethane
Concen: 22.352 ug/L
RT: 2.922 min Scan# 167
Delta R.T. 0.000 min
Lab File: VW023465.D
Acq: 13 Jun 2022 08:34

Tgt Ion: 64 Resp: 88791
Ion Ratio Lower Upper
64 100
66 33.1 23.4 43.6

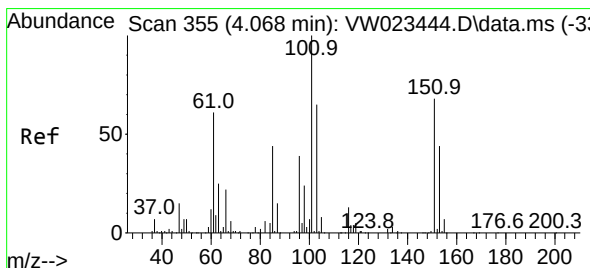
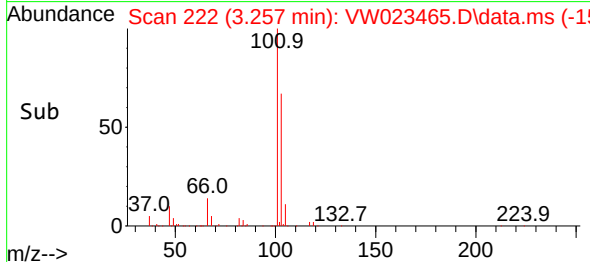
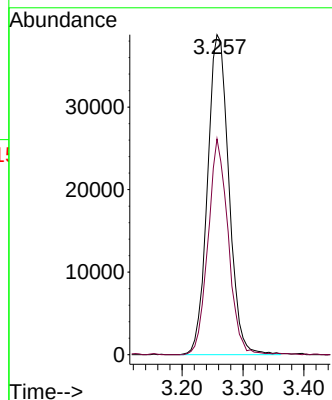
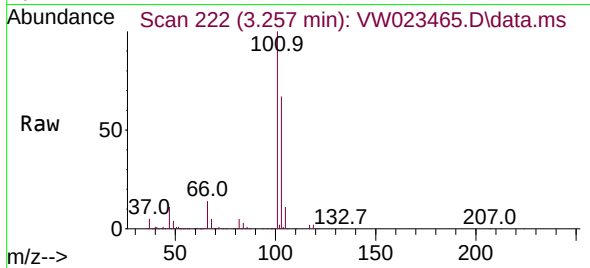




#9
 Trichlorofluoromethane
 Concen: 27.899 ug/L
 RT: 3.257 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VW023465.D
 Acq: 13 Jun 2022 08:34

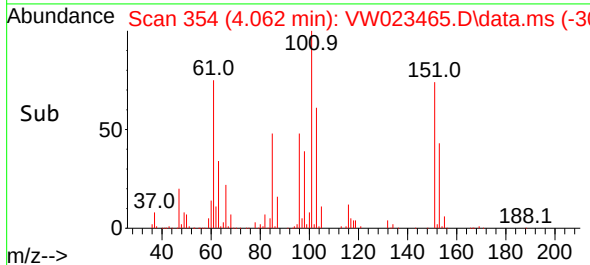
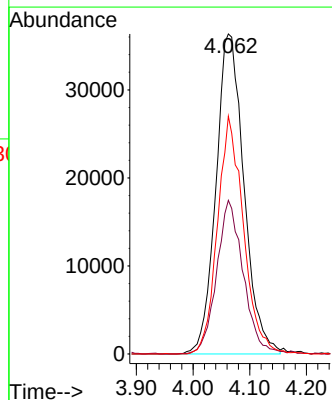
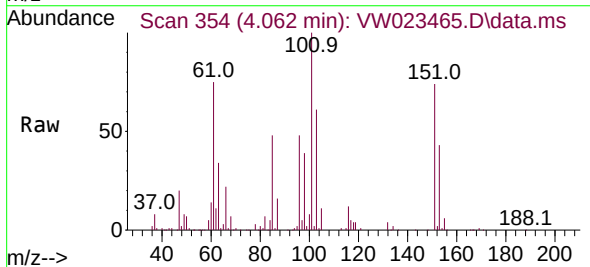
Instrument :
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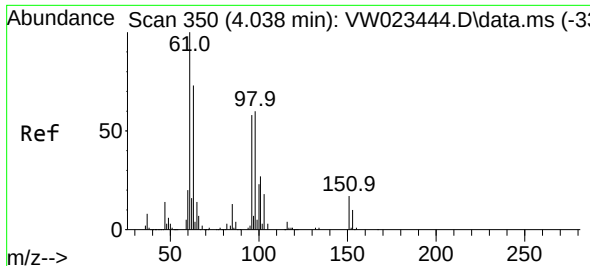
Tgt Ion:101 Resp: 94355
 Ion Ratio Lower Upper
 101 100
 103 63.6 53.9 80.9



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 25.549 ug/L
 RT: 4.062 min Scan# 354
 Delta R.T. -0.006 min
 Lab File: VW023465.D
 Acq: 13 Jun 2022 08:34

Tgt Ion:101 Resp: 124571
 Ion Ratio Lower Upper
 101 100
 85 45.2 34.3 51.5
 151 68.9 54.2 81.2

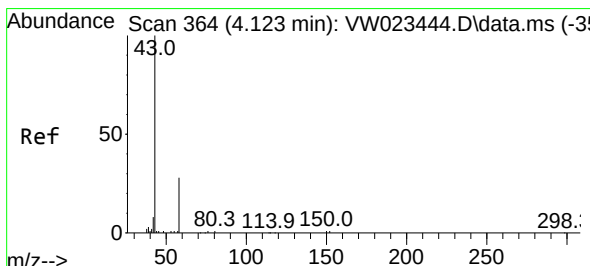
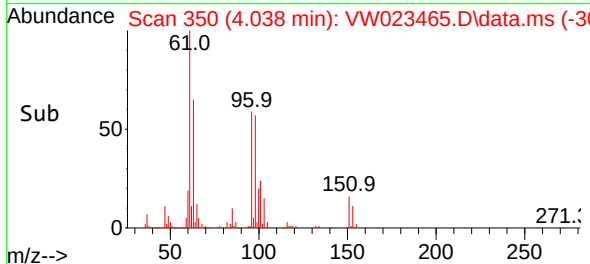
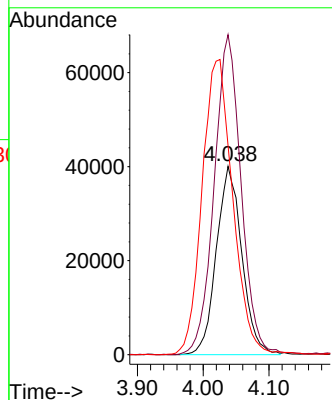
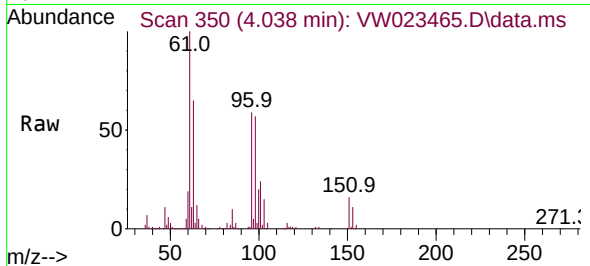




#12
1,1-Dichloroethene
Concen: 24.860 ug/L
RT: 4.038 min Scan# 350
Delta R.T. 0.000 min
Lab File: VW023465.D
Acq: 13 Jun 2022 08:34

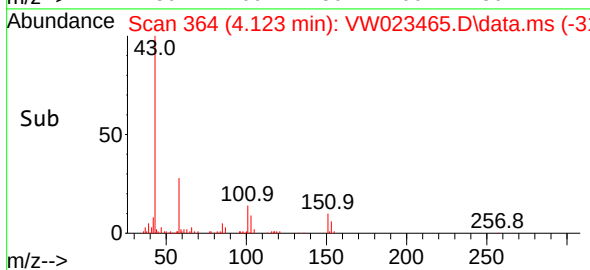
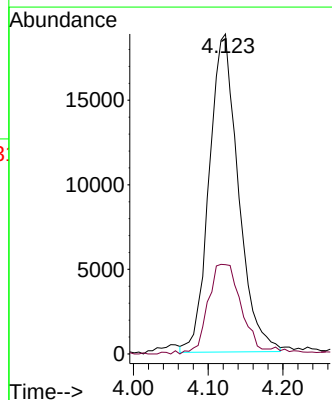
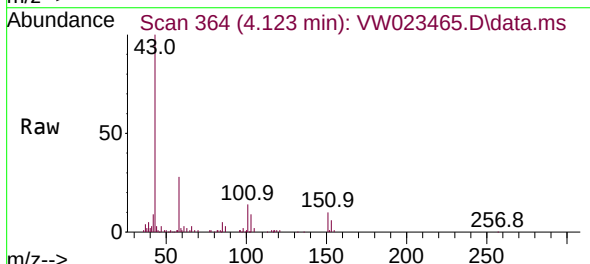
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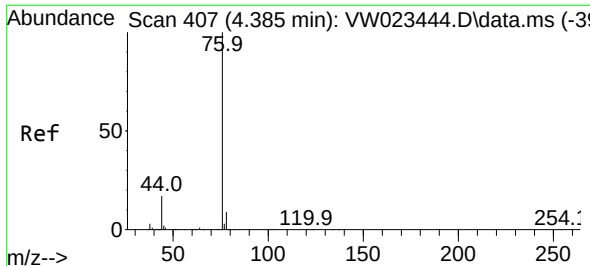
Tgt Ion: 96 Resp: 107980
Ion Ratio Lower Upper
96 100
61 169.9 125.7 233.5
63 111.1 83.4 155.0



#13
Acetone
Concen: 54.797 ug/L
RT: 4.123 min Scan# 364
Delta R.T. 0.000 min
Lab File: VW023465.D
Acq: 13 Jun 2022 08:34

Tgt Ion: 43 Resp: 51084
Ion Ratio Lower Upper
43 100
58 18.2 0.0 64.0

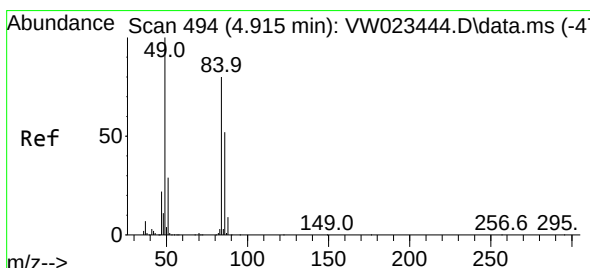
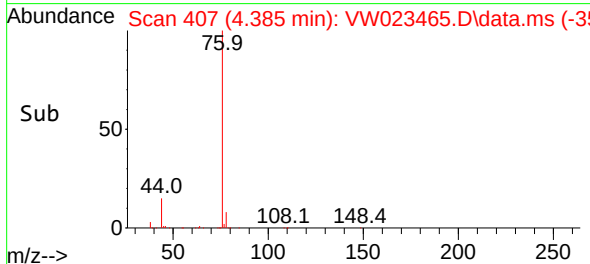
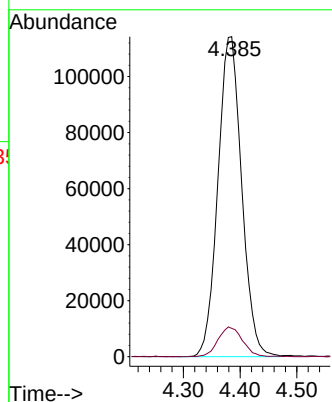
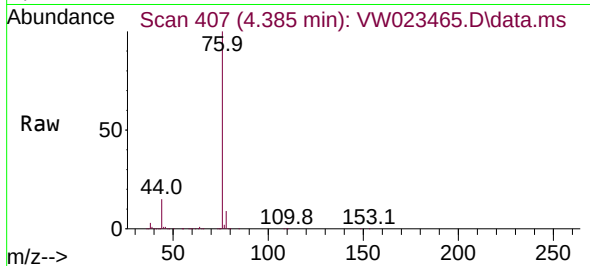




#14
Carbon disulfide
Concen: 24.841 ug/L
RT: 4.385 min Scan# 407
Delta R.T. 0.000 min
Lab File: VW023465.D
Acq: 13 Jun 2022 08:34

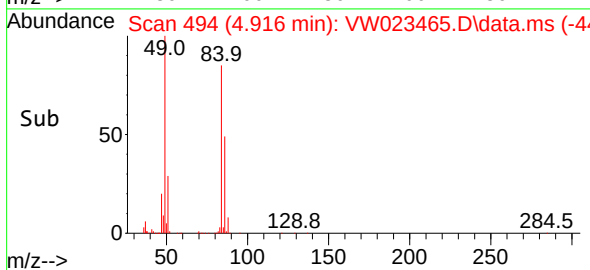
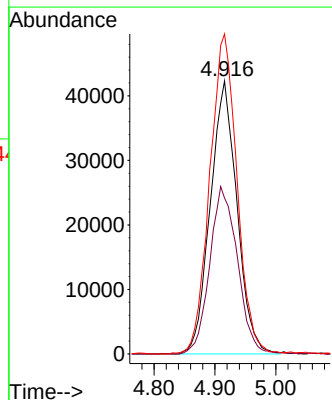
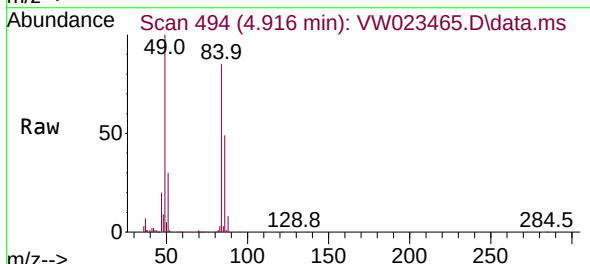
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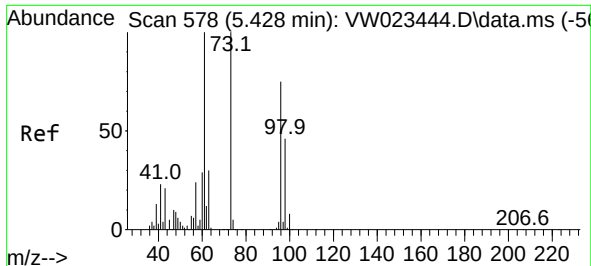
Tgt Ion: 76 Resp: 331918
Ion Ratio Lower Upper
76 100
78 8.9 7.7 11.5



#16
Methylene chloride
Concen: 23.849 ug/L
RT: 4.916 min Scan# 494
Delta R.T. 0.000 min
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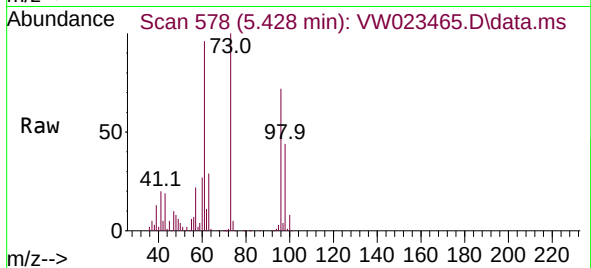
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Ion Ratio Lower Upper
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49 117.2 82.5 153.1



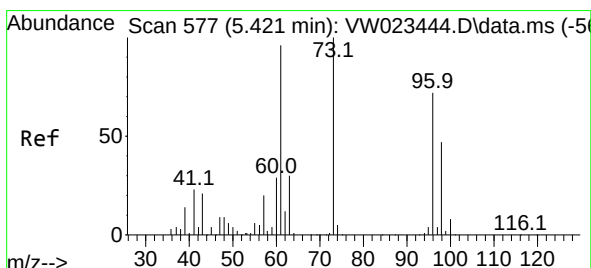
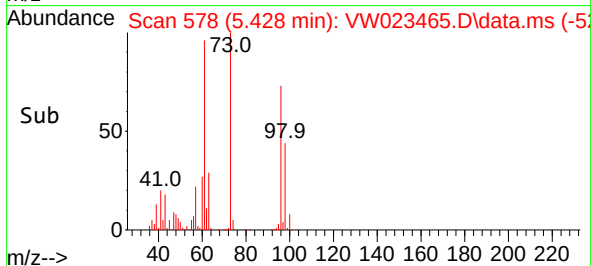
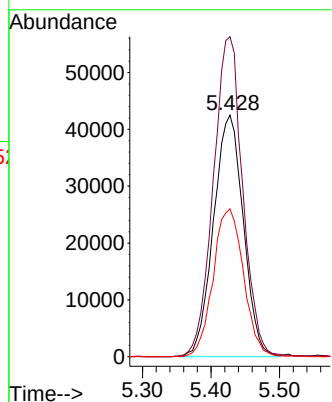


#17
trans-1,2-Dichloroethene
Concen: 24.956 ug/L
RT: 5.428 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW023465.D
Acq: 13 Jun 2022 08:34

Instrument :
MSVOA_W
ClientSampleId :

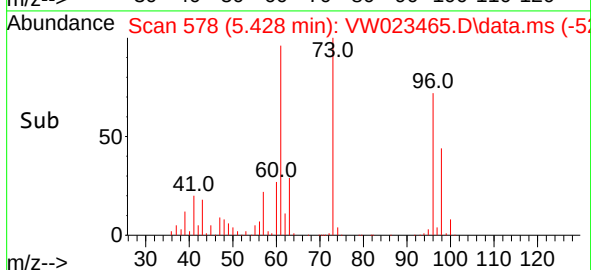
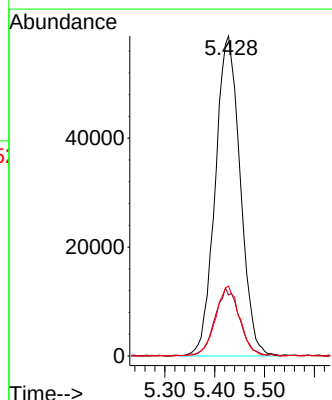
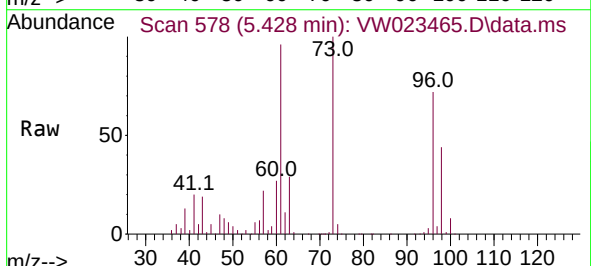


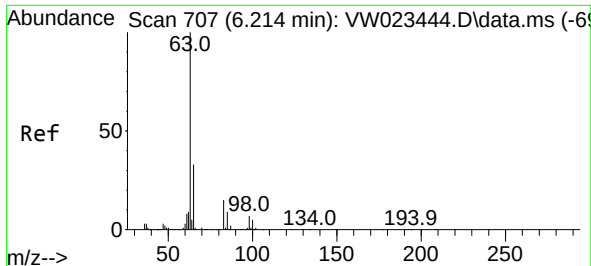
Tgt Ion: 96 Resp: 128343
Ion Ratio Lower Upper
96 100
61 132.4 92.2 171.2
98 61.2 42.9 79.7



#18
Methyl tert-butyl Ether
Concen: 26.436 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.006 min
Lab File: VW023465.D
Acq: 13 Jun 2022 08:34

Tgt Ion: 73 Resp: 204621
Ion Ratio Lower Upper
73 100
43 20.2 15.9 23.9
57 21.1 16.5 24.7





#19

1,1-Dichloroethane

Concen: 24.142 ug/L

RT: 6.214 min Scan# 707

Delta R.T. 0.000 min

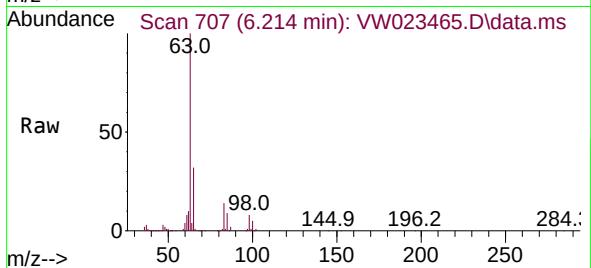
Lab File: VW023465.D

Acq: 13 Jun 2022 08:34

Instrument :

MSVOA_W

ClientSampleId :



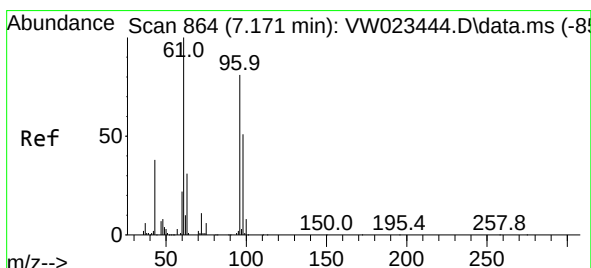
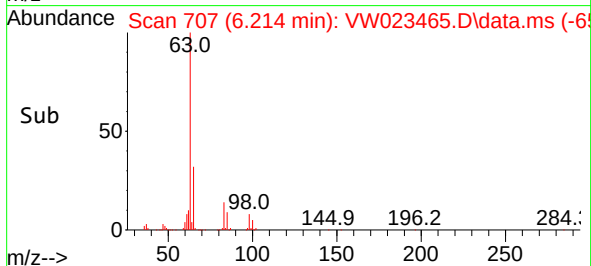
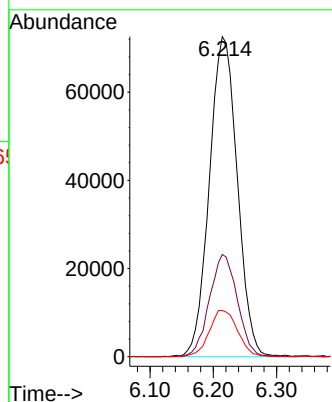
Tgt Ion: 63 Resp: 222395

Ion Ratio Lower Upper

63 100

65 32.0 23.3 43.3

83 14.5 11.1 20.5



#20

cis-1,2-Dichloroethene

Concen: 24.395 ug/L

RT: 7.165 min Scan# 863

Delta R.T. -0.006 min

Lab File: VW023465.D

Acq: 13 Jun 2022 08:34

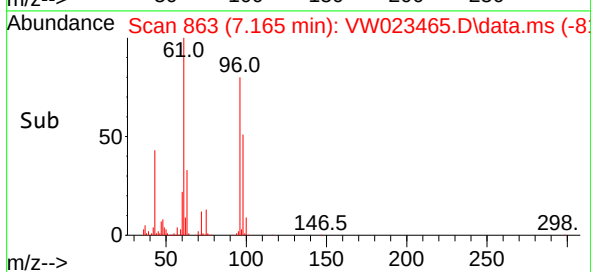
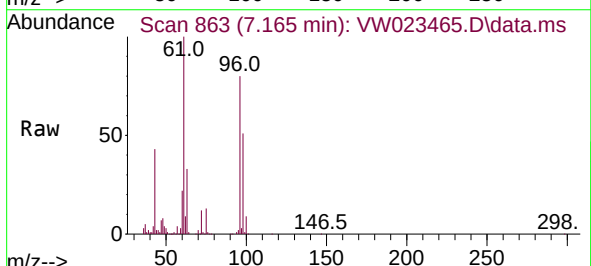
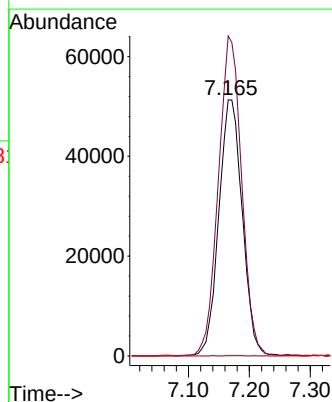
Tgt Ion: 96 Resp: 137199

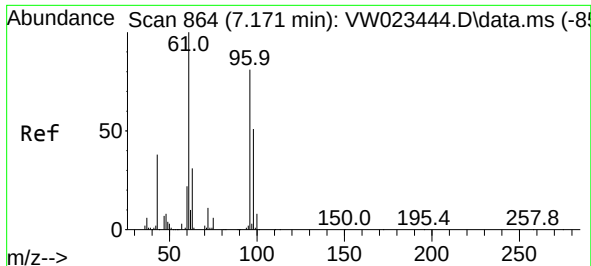
Ion Ratio Lower Upper

96 100

61 124.9 84.2 156.4

68 0.1 0.1 0.1#

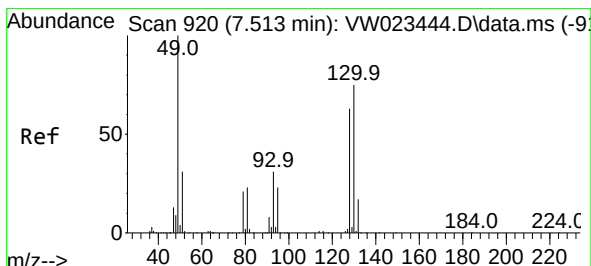
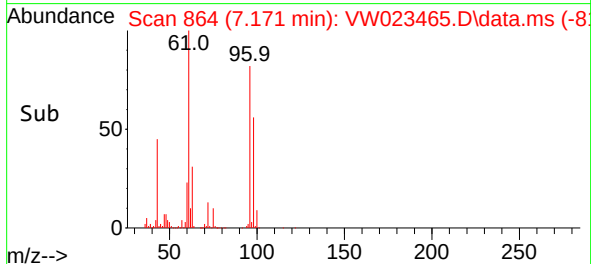
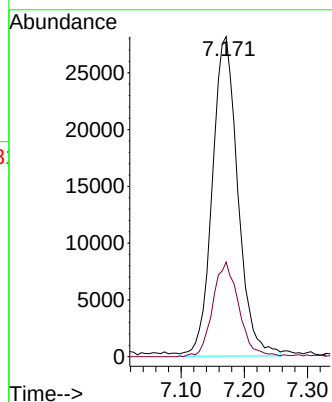
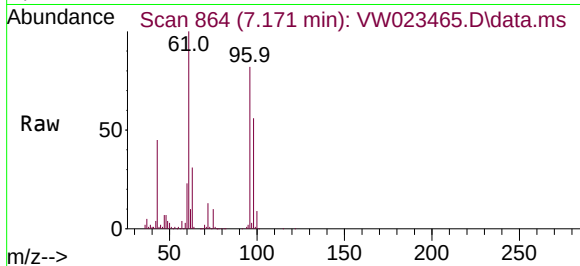




#22
2-Butanone
Concen: 55.412 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW023465.D
Acq: 13 Jun 2022 08:34

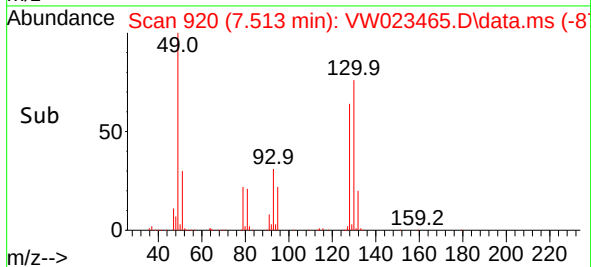
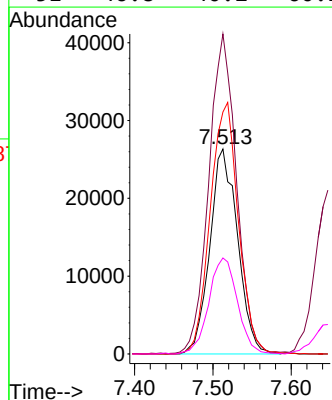
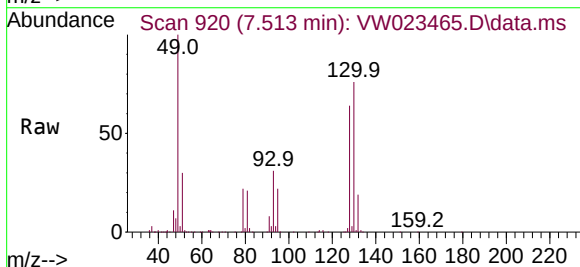
Instrument :
MSVOA_W
ClientSampleId :

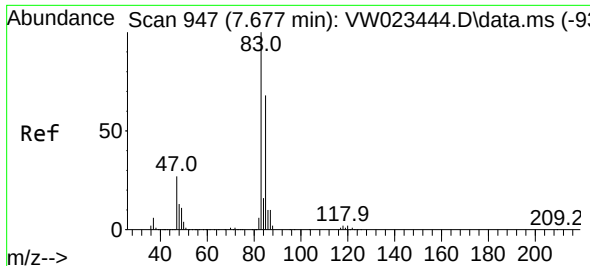
Tgt Ion: 43 Resp: 79069
Ion Ratio Lower Upper
43 100
72 29.7 15.1 45.3



#23
Bromochloromethane
Concen: 25.021 ug/L
RT: 7.513 min Scan# 920
Delta R.T. 0.000 min
Lab File: VW023465.D
Acq: 13 Jun 2022 08:34

Tgt Ion: 128 Resp: 64827
Ion Ratio Lower Upper
128 100
49 156.1 110.0 204.4
130 118.0 94.8 176.0
51 46.8 40.2 60.2

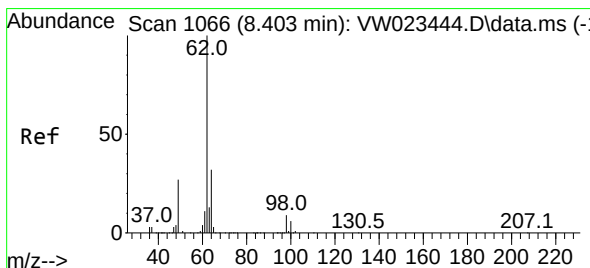
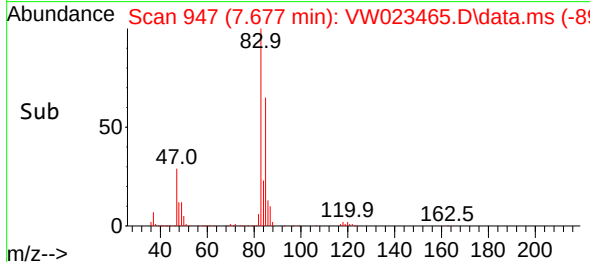
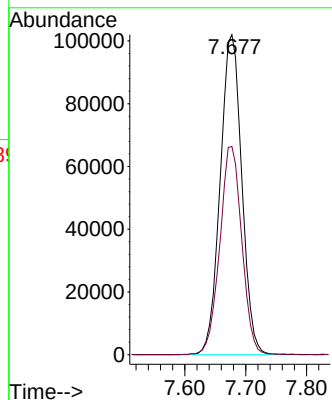
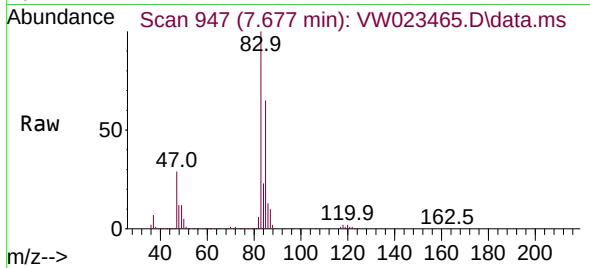




#25
Chloroform
Concen: 24.132 ug/L
RT: 7.677 min Scan# 947
Delta R.T. 0.000 min
Lab File: VW023465.D
Acq: 13 Jun 2022 08:34

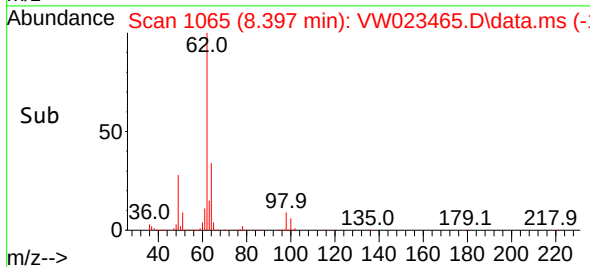
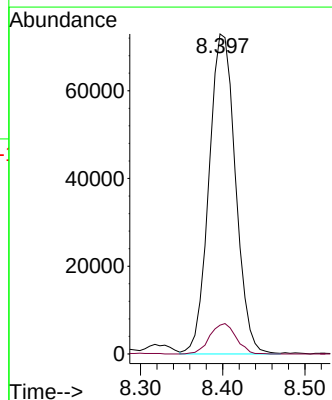
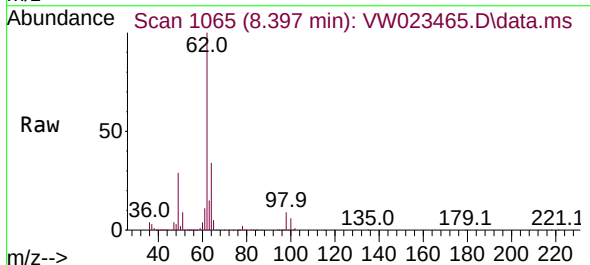
Instrument :
MSVOA_W
ClientSampleId :

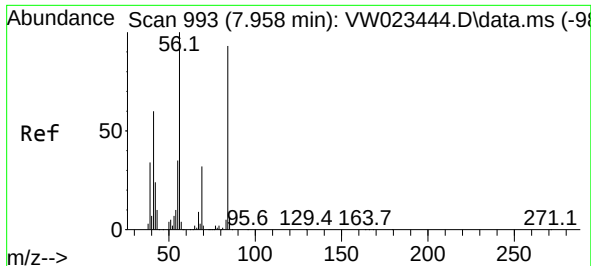
Tgt Ion: 83 Resp: 250864
Ion Ratio Lower Upper
83 100
85 65.1 46.6 86.6



#27
1,2-Dichloroethane
Concen: 23.818 ug/L
RT: 8.397 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VW023465.D
Acq: 13 Jun 2022 08:34

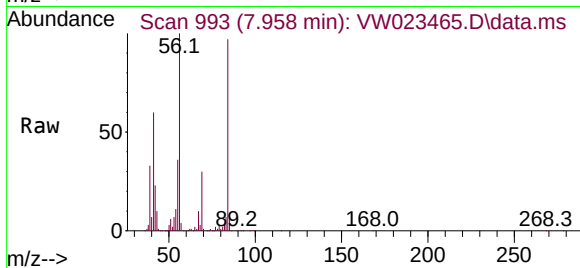
Tgt Ion: 62 Resp: 163749
Ion Ratio Lower Upper
62 100
98 9.0 7.2 10.8



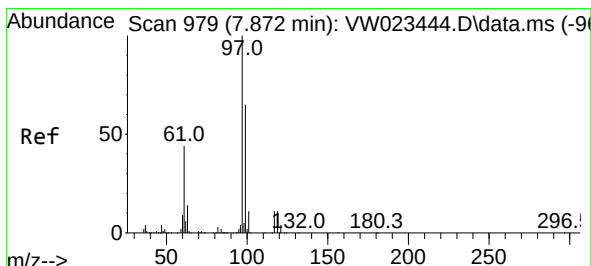
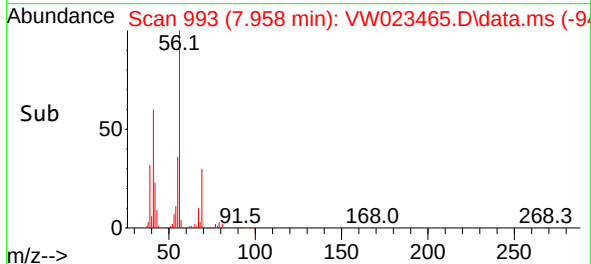
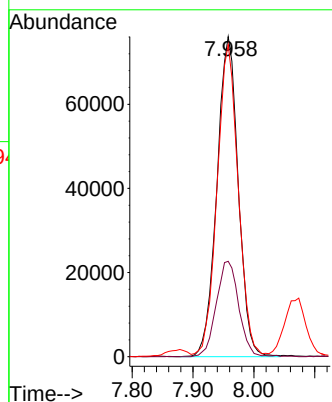


#29
Cyclohexane
Concen: 24.462 ug/L
RT: 7.958 min Scan# 993
Delta R.T. 0.000 min
Lab File: VW023465.D
Acq: 13 Jun 2022 08:34

Instrument :
MSVOA_W
ClientSampleId :

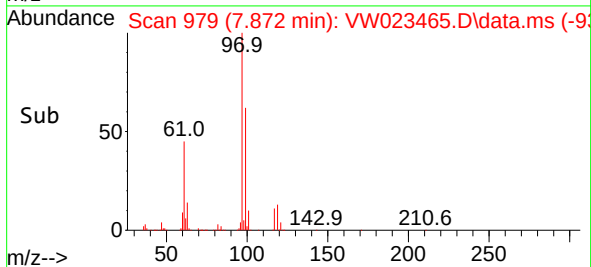
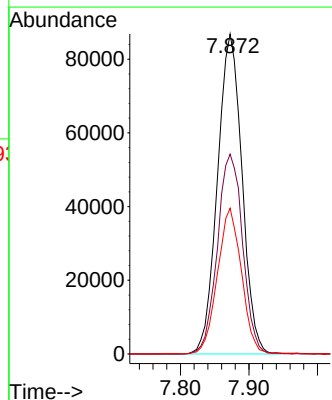
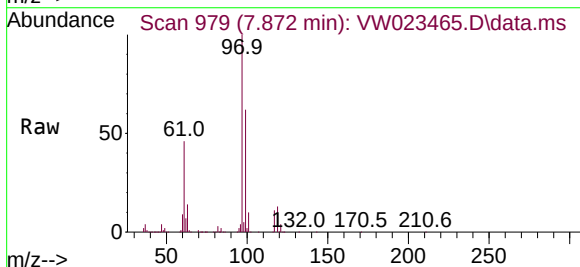


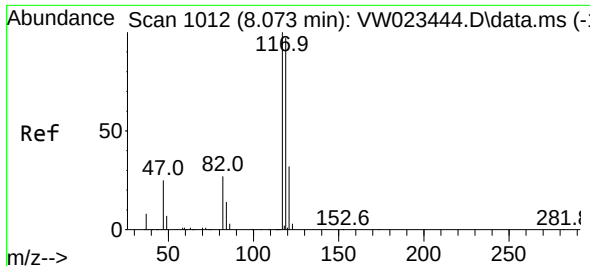
Tgt Ion: 56 Resp: 185462
Ion Ratio Lower Upper
56 100
69 31.2 25.6 38.4
84 96.3 78.2 117.4



#30
1,1,1-Trichloroethane
Concen: 24.769 ug/L
RT: 7.872 min Scan# 979
Delta R.T. 0.000 min
Lab File: VW023465.D
Acq: 13 Jun 2022 08:34

Tgt Ion: 97 Resp: 215820
Ion Ratio Lower Upper
97 100
99 64.1 51.0 76.4
61 44.5 34.8 52.2

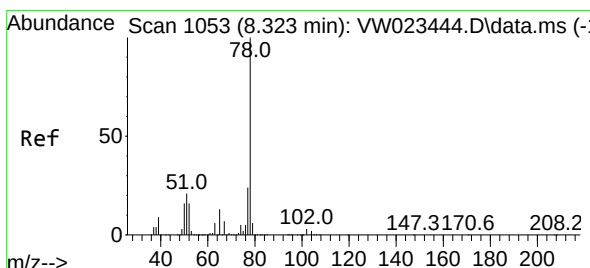
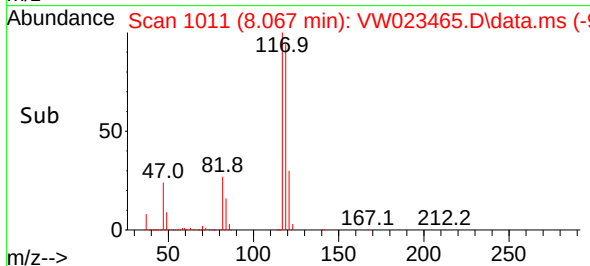
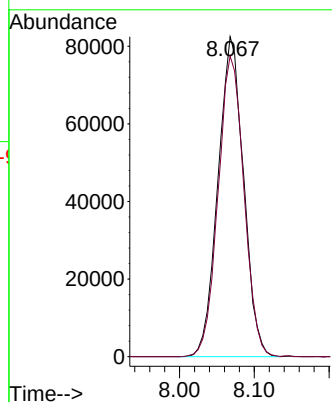
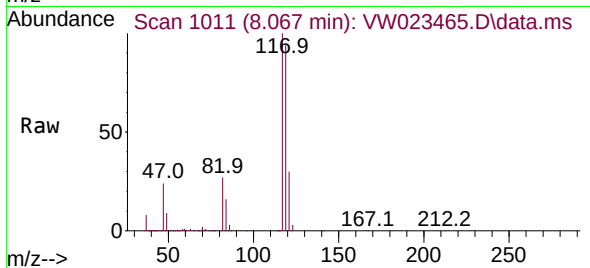




#31
Carbon tetrachloride
Concen: 24.414 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. -0.006 min
Lab File: VW023465.D
Acq: 13 Jun 2022 08:34

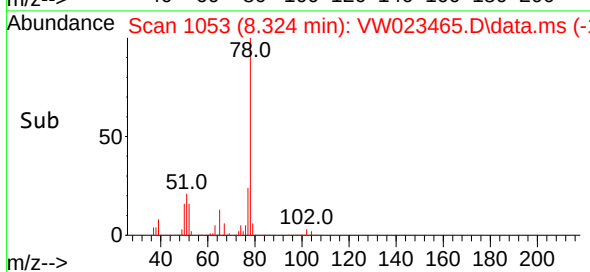
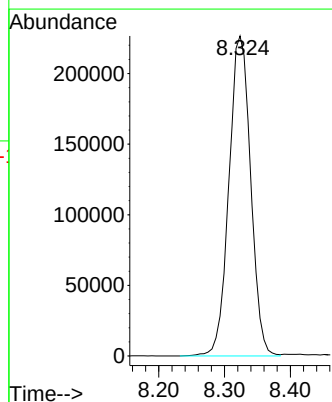
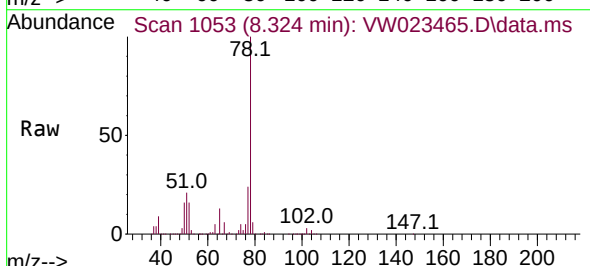
Instrument :
MSVOA_W
ClientSampleId :

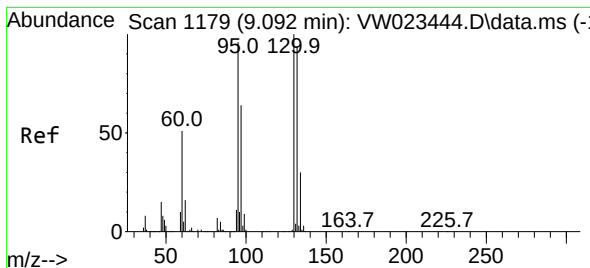
Tgt Ion:117 Resp: 195975
Ion Ratio Lower Upper
117 100
119 94.9 76.6 115.0



#33
Benzene
Concen: 23.965 ug/L
RT: 8.324 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW023465.D
Acq: 13 Jun 2022 08:34

Tgt Ion: 78 Resp: 521109





#34

Trichloroethene

Concen: 24.224 ug/L

RT: 9.092 min Scan# 1179

Delta R.T. 0.000 min

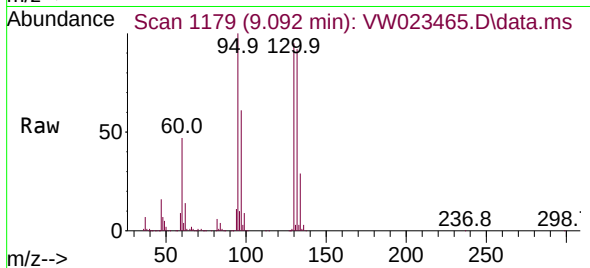
Lab File: VW023465.D

Acq: 13 Jun 2022 08:34

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 141185

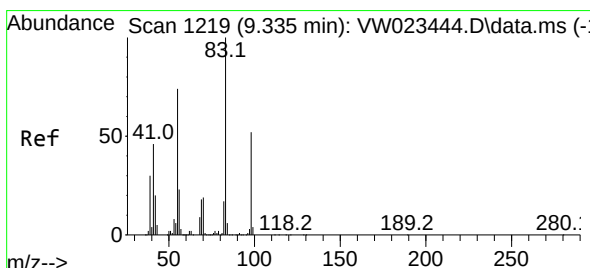
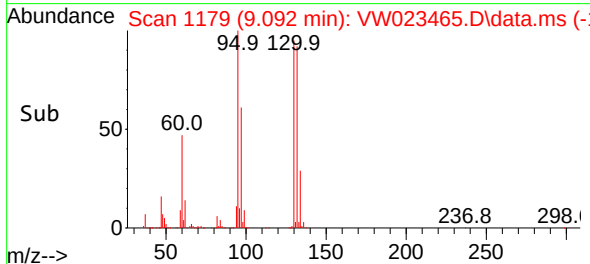
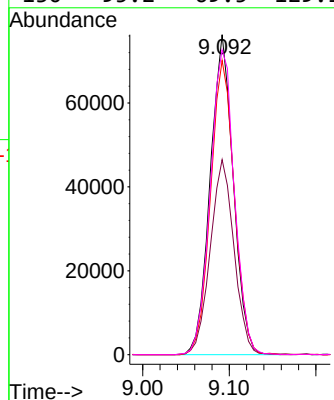
Ion Ratio Lower Upper

95 100

97 61.0 46.1 85.7

132 92.0 66.9 124.3

130 95.2 69.5 129.1



#35

Methylcyclohexane

Concen: 24.723 ug/L

RT: 9.336 min Scan# 1219

Delta R.T. 0.000 min

Lab File: VW023465.D

Acq: 13 Jun 2022 08:34

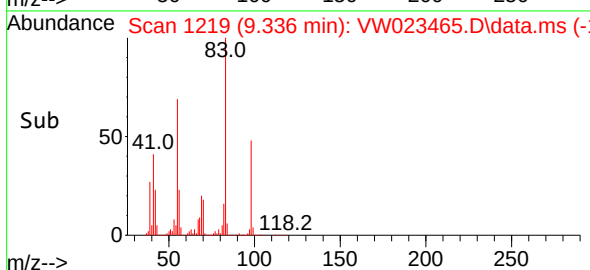
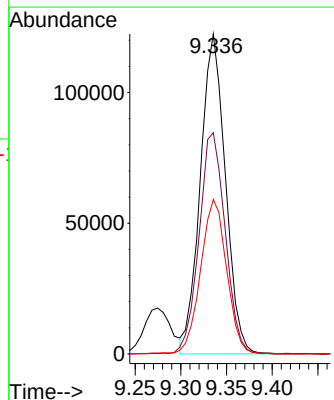
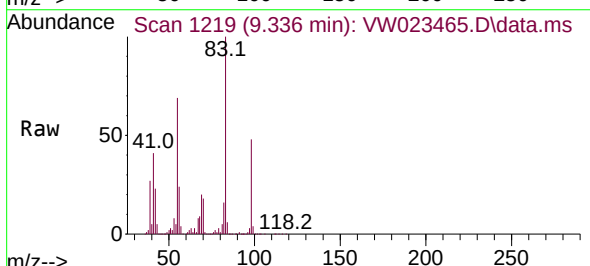
Tgt Ion: 83 Resp: 233276

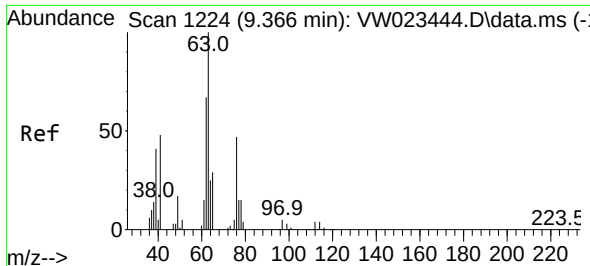
Ion Ratio Lower Upper

83 100

55 72.1 55.1 82.7

98 50.1 40.4 60.6





#37

1,2-Dichloropropane

Concen: 24.563 ug/L

RT: 9.372 min Scan# 11

Delta R.T. 0.006 min

Lab File: VW023465.D

Acq: 13 Jun 2022 08:34

Instrument :

MSVOA_W

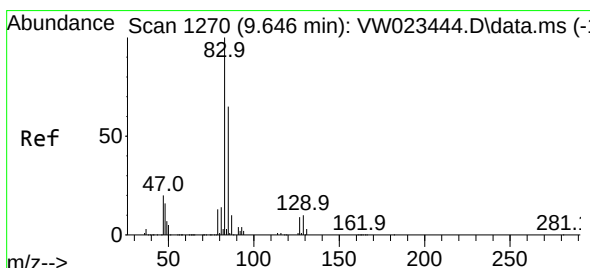
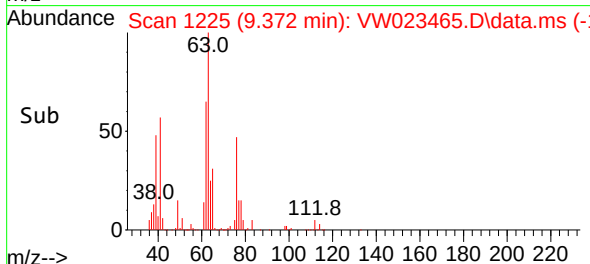
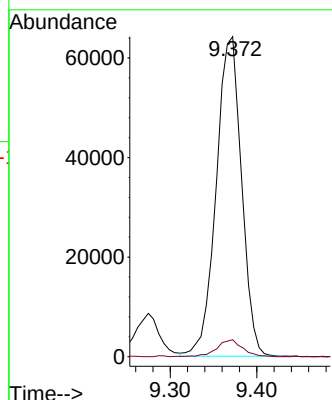
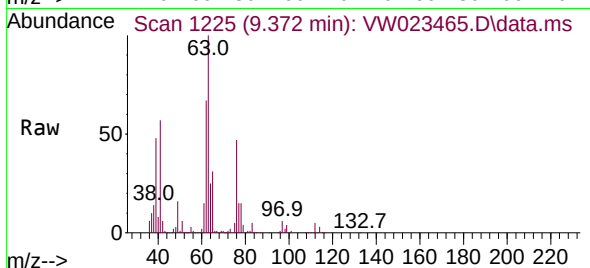
ClientSampleId :

Tgt Ion: 63 Resp: 130523

Ion Ratio Lower Upper

63 100

112 5.4 3.8 5.8



#38

Bromodichloromethane

Concen: 24.070 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. 0.000 min

Lab File: VW023465.D

Acq: 13 Jun 2022 08:34

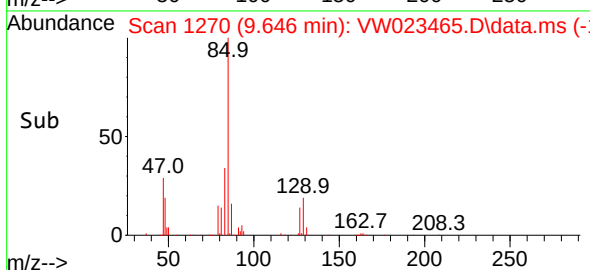
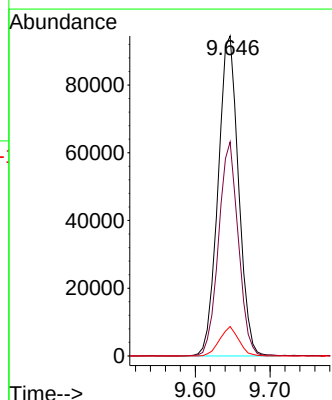
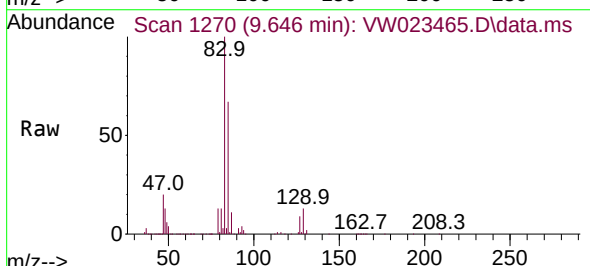
Tgt Ion: 83 Resp: 179892

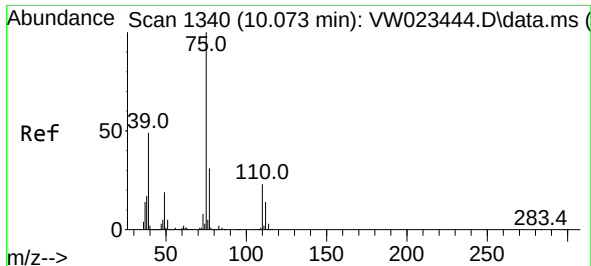
Ion Ratio Lower Upper

83 100

85 66.9 43.5 80.7

127 9.2 7.1 10.7





#39

cis-1,3-Dichloropropene

Concen: 25.310 ug/L

RT: 10.073 min Scan# 1340

Delta R.T. 0.000 min

Lab File: VW023465.D

Acq: 13 Jun 2022 08:34

Instrument :

MSVOA_W

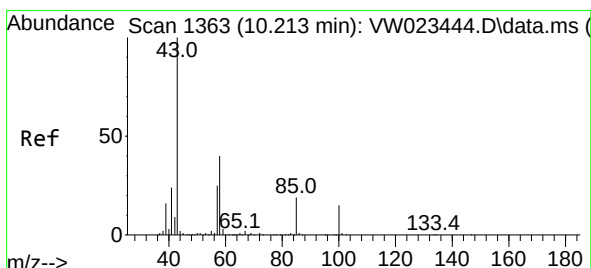
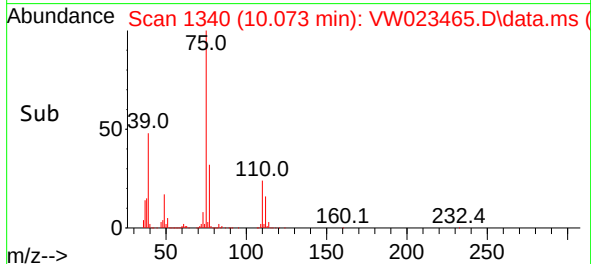
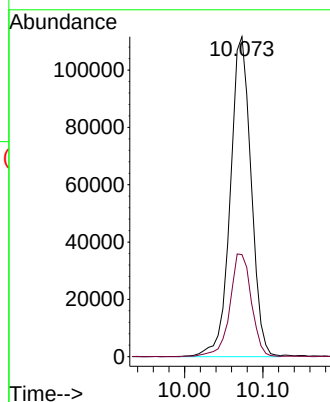
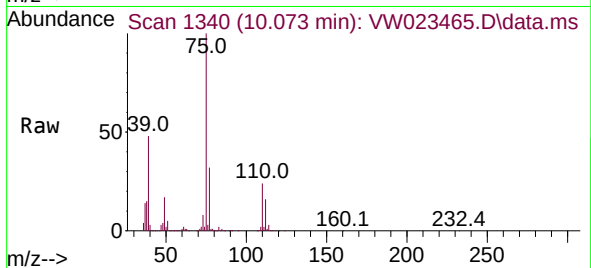
ClientSampleId :

Tgt Ion: 75 Resp: 206104

Ion Ratio Lower Upper

75 100

77 31.9 22.1 41.1



#40

4-Methyl-2-pentanone

Concen: 56.194 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. -0.006 min

Lab File: VW023465.D

Acq: 13 Jun 2022 08:34

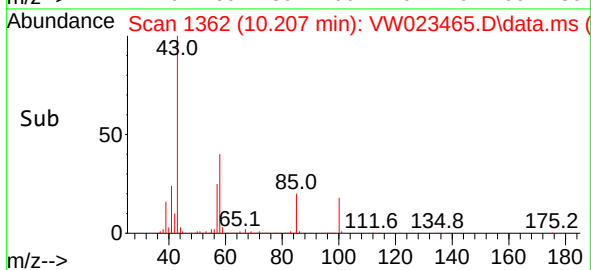
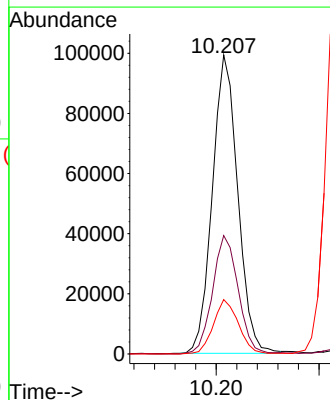
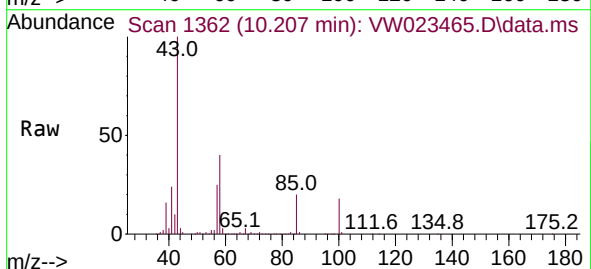
Tgt Ion: 43 Resp: 170316

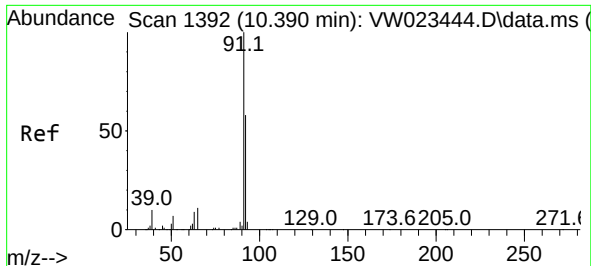
Ion Ratio Lower Upper

43 100

58 39.9 31.4 47.2

100 17.9 14.2 21.4

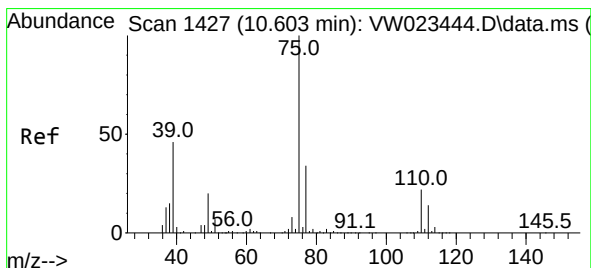
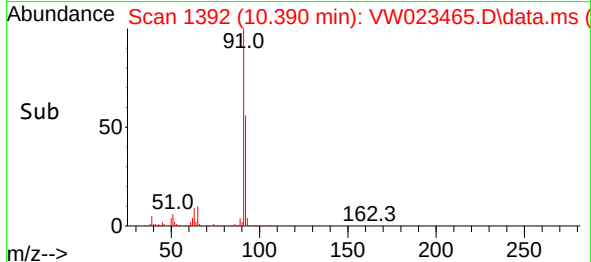
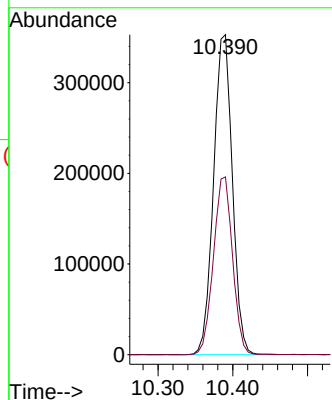
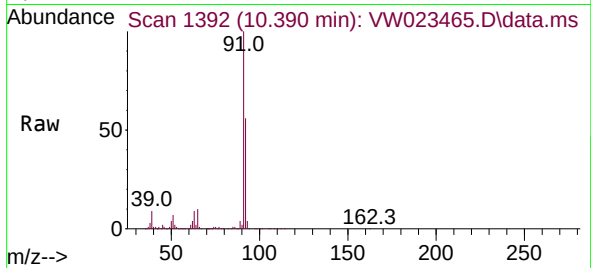




#42
Toluene
Concen: 25.382 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VW023465.D
Acq: 13 Jun 2022 08:34

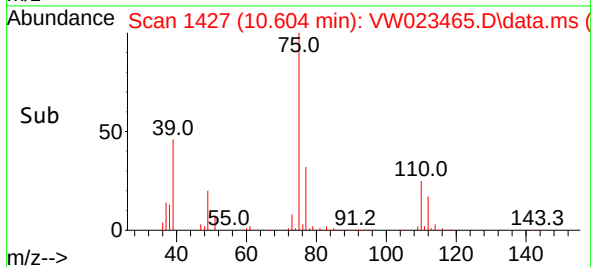
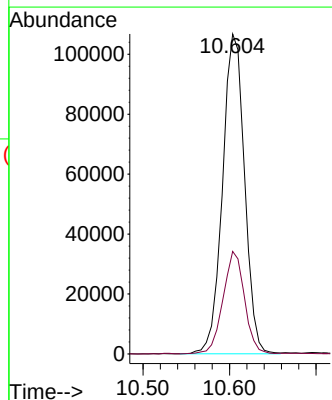
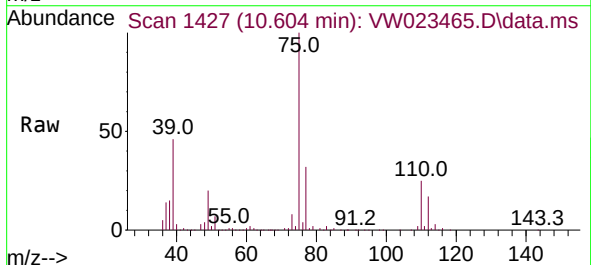
Instrument :
MSVOA_W
ClientSampleId :

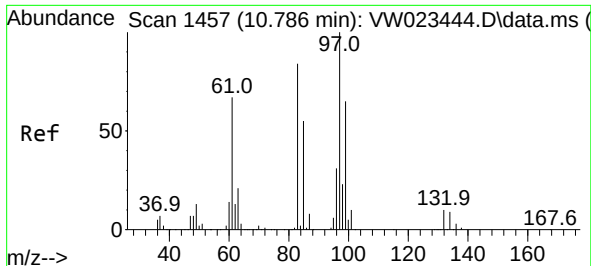
Tgt Ion: 91 Resp: 616640
Ion Ratio Lower Upper
91 100
92 55.6 41.6 77.2



#44
trans-1,3-Dichloropropene
Concen: 25.633 ug/L
RT: 10.604 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW023465.D
Acq: 13 Jun 2022 08:34

Tgt Ion: 75 Resp: 188346
Ion Ratio Lower Upper
75 100
77 32.1 22.0 40.8





#45

1,1,2-Trichloroethane

Concen: 25.827 ug/L

RT: 10.787 min Scan# 1457

Delta R.T. 0.000 min

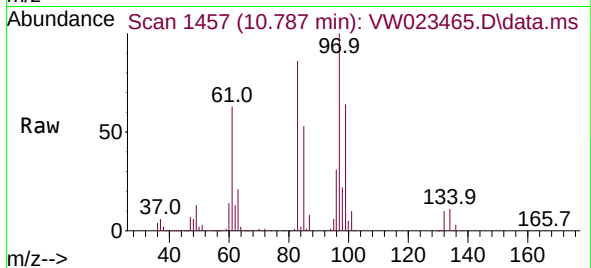
Lab File: VW023465.D

Acq: 13 Jun 2022 08:34

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 97 Resp: 112736

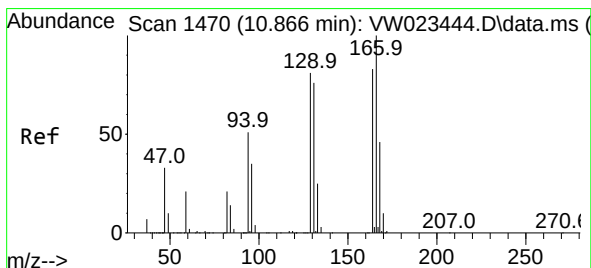
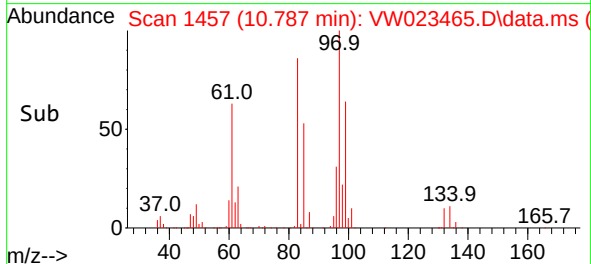
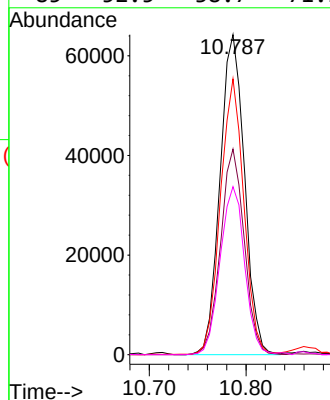
Ion Ratio Lower Upper

97 100

99 64.3 44.7 82.9

83 86.2 58.4 108.4

85 52.5 38.7 71.9



#46

Tetrachloroethene

Concen: 25.503 ug/L

RT: 10.866 min Scan# 1470

Delta R.T. 0.000 min

Lab File: VW023465.D

Acq: 13 Jun 2022 08:34

Tgt Ion:164 Resp: 114746

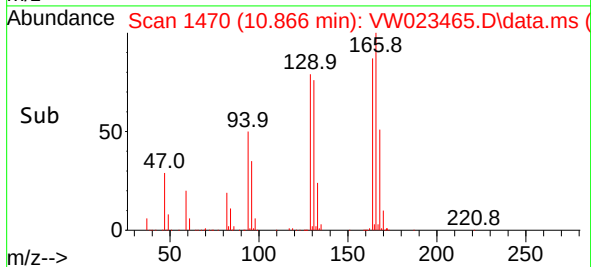
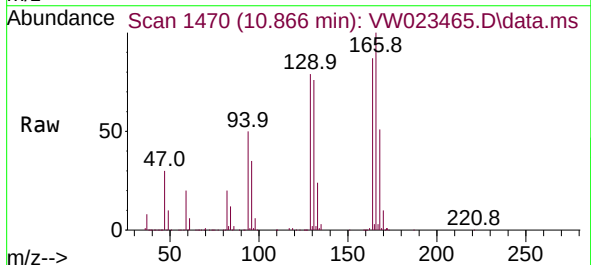
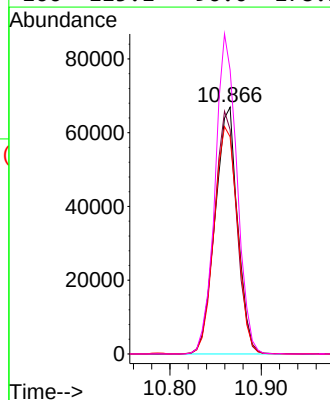
Ion Ratio Lower Upper

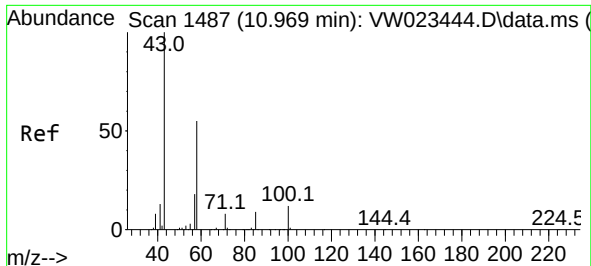
164 100

129 90.9 76.9 142.7

131 88.0 75.1 139.5

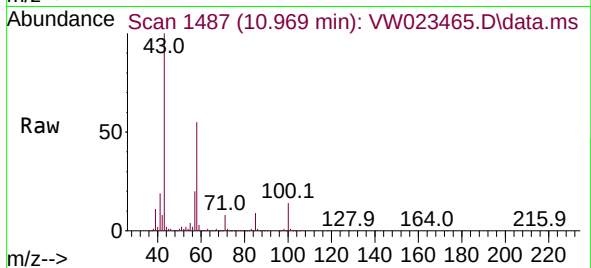
166 115.1 96.0 178.2



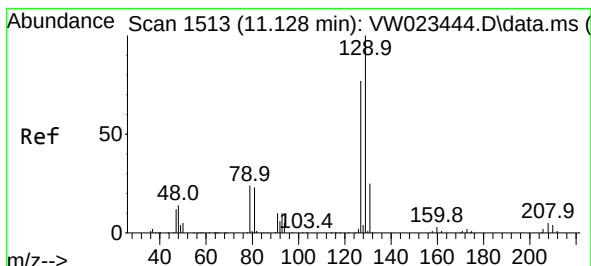
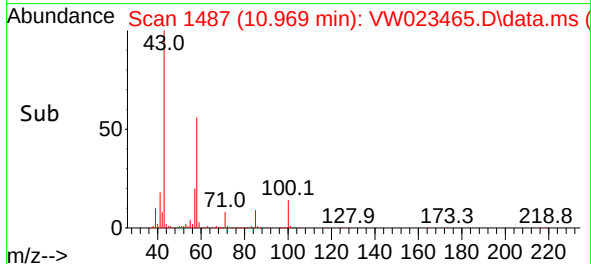
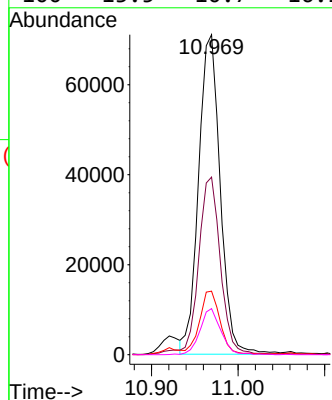


#48
2-Hexanone
Concen: 60.328 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW023465.D
Acq: 13 Jun 2022 08:34

Instrument :
MSVOA_W
ClientSampleId :

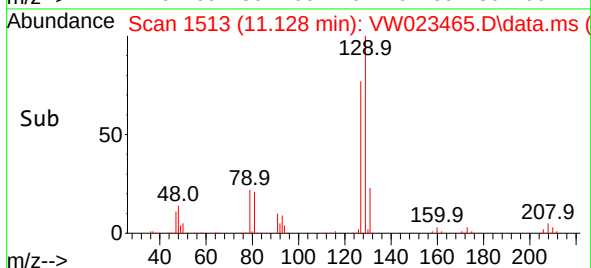
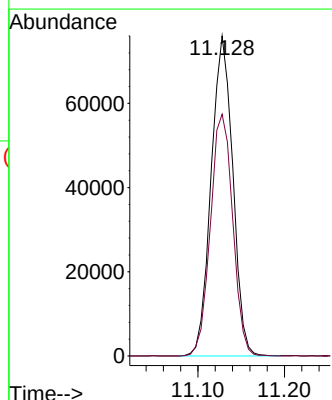
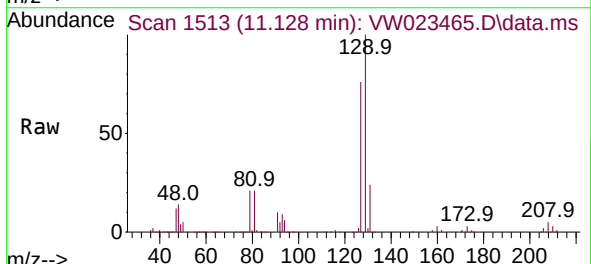


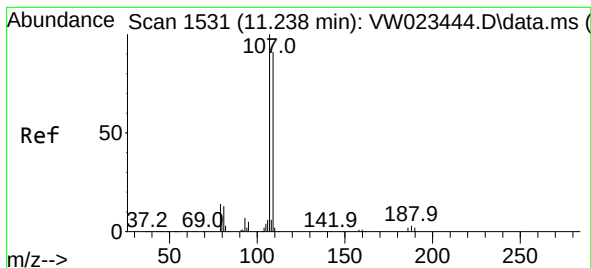
Tgt Ion: 43 Resp: 123570
Ion Ratio Lower Upper
43 100
58 55.0 45.9 68.9
57 17.9 16.2 24.2
100 13.5 10.7 16.1



#49
Dibromochloromethane
Concen: 25.818 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW023465.D
Acq: 13 Jun 2022 08:34

Tgt Ion: 129 Resp: 131982
Ion Ratio Lower Upper
129 100
127 75.5 53.8 100.0

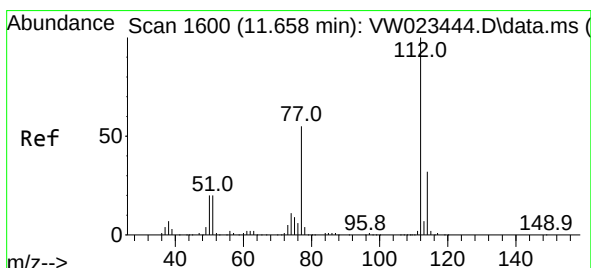
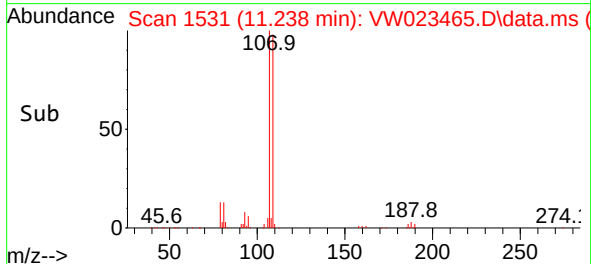
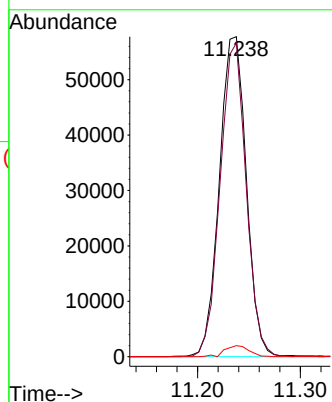
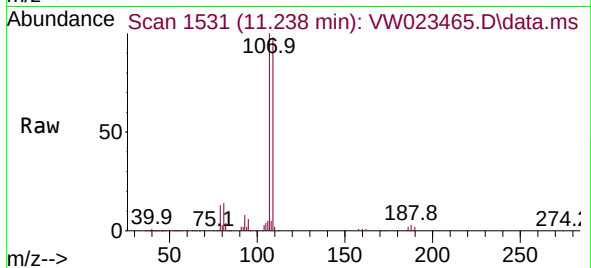




#50
1,2-Dibromoethane
Concen: 25.738 ug/L
RT: 11.238 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VW023465.D
Acq: 13 Jun 2022 08:34

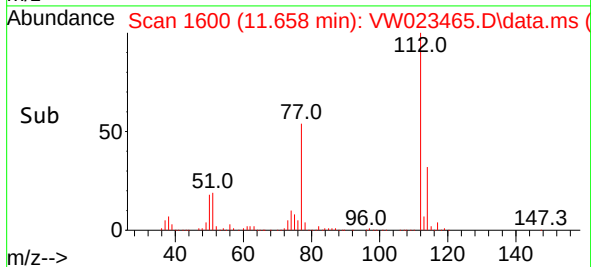
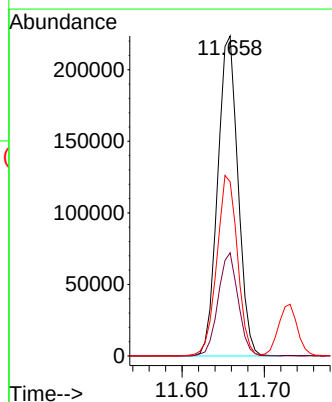
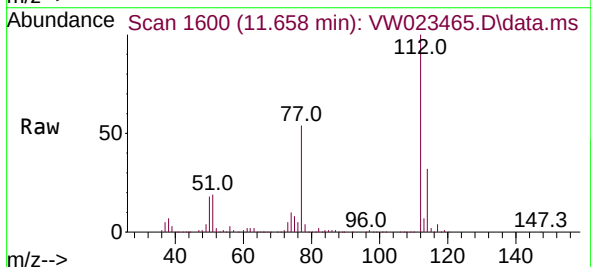
Instrument :
MSVOA_W
ClientSampleId :

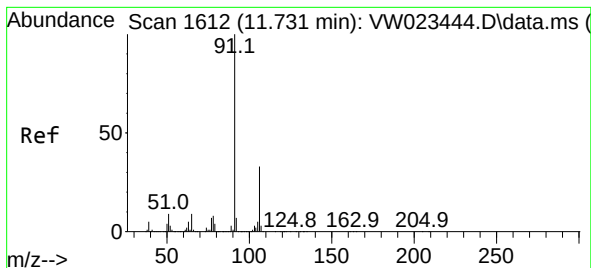
Tgt Ion:107 Resp: 105023
Ion Ratio Lower Upper
107 100
109 98.0 67.5 125.4
188 3.4 2.9 4.3



#51
Chlorobenzene
Concen: 23.456 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VW023465.D
Acq: 13 Jun 2022 08:34

Tgt Ion:112 Resp: 384577
Ion Ratio Lower Upper
112 100
114 32.2 22.0 41.0
77 54.5 42.6 63.8

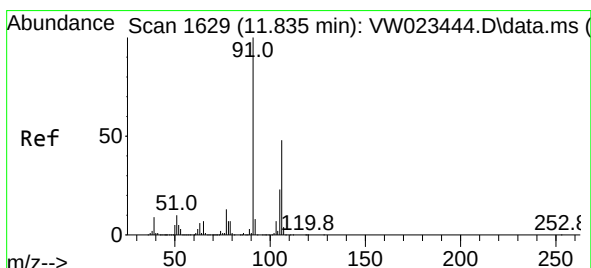
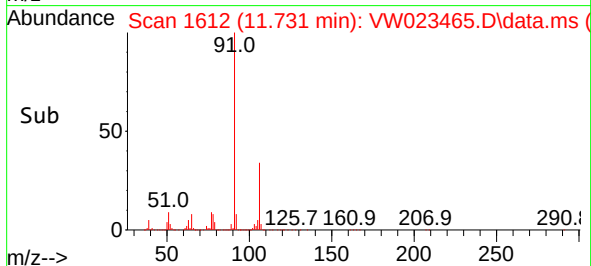
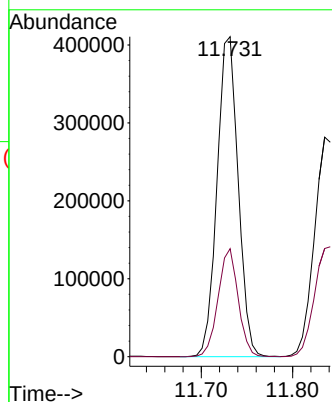
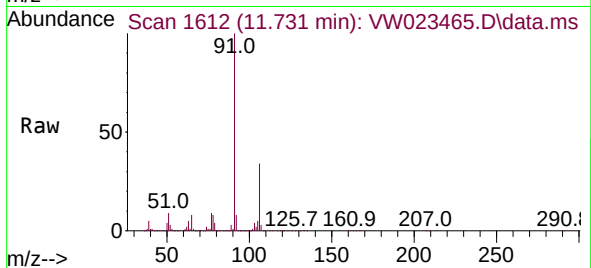




#52
Ethylbenzene
Concen: 23.878 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW023465.D
Acq: 13 Jun 2022 08:34

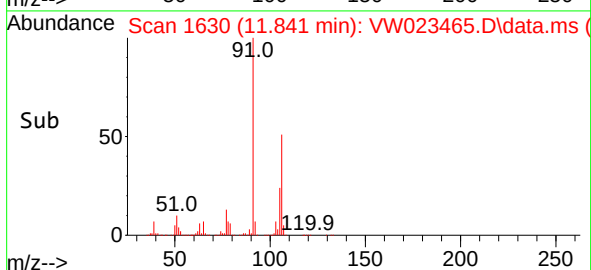
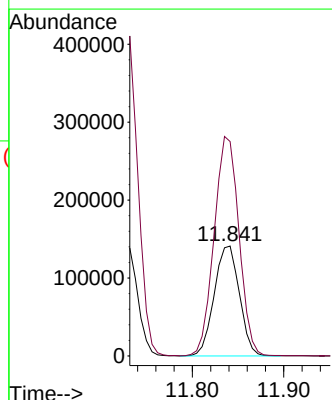
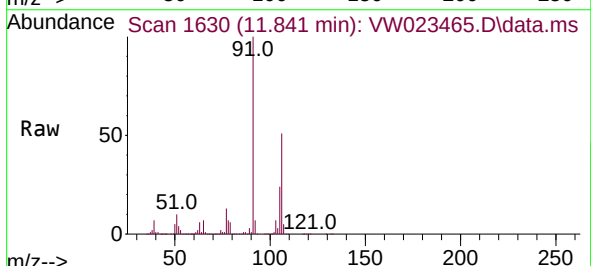
Instrument :
MSVOA_W
ClientSampleId :

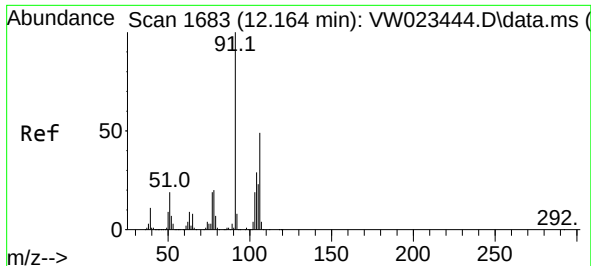
Tgt Ion: 91 Resp: 659293
Ion Ratio Lower Upper
91 100
106 33.8 22.3 41.3



#53
m,p-Xylene
Concen: 25.137 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. 0.006 min
Lab File: VW023465.D
Acq: 13 Jun 2022 08:34

Tgt Ion: 106 Resp: 270137
Ion Ratio Lower Upper
106 100
91 195.1 136.8 254.0

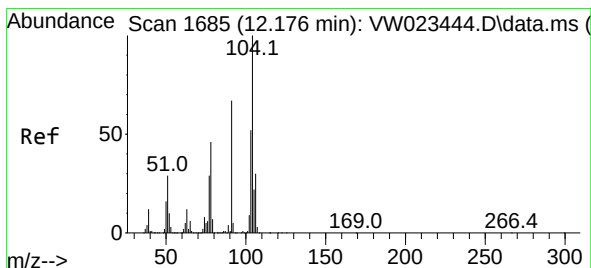
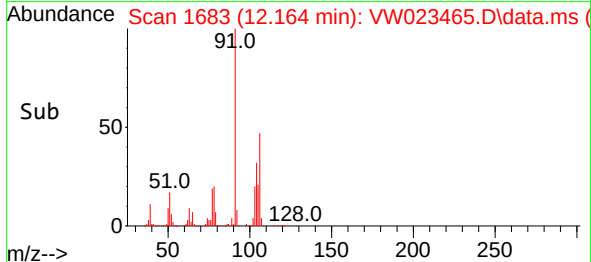
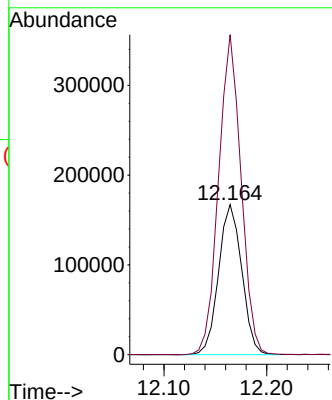
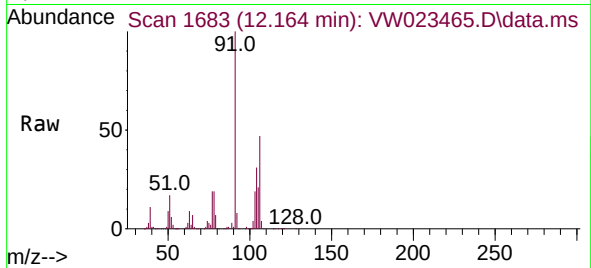




#54
o-Xylene
Concen: 25.470 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW023465.D
Acq: 13 Jun 2022 08:34

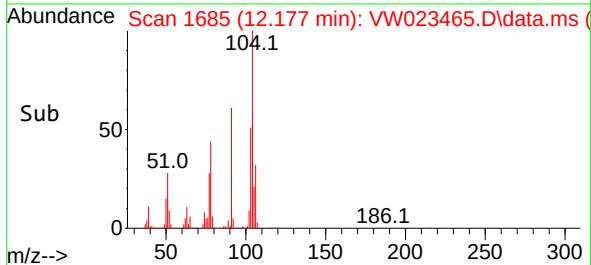
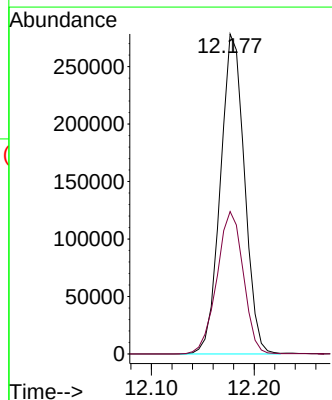
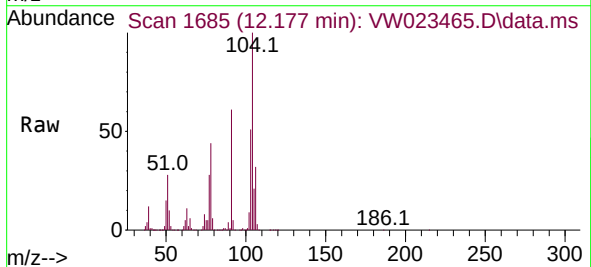
Instrument :
MSVOA_W
ClientSampleId :

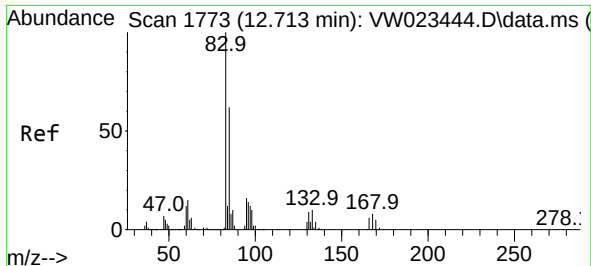
Tgt Ion:106 Resp: 261565
Ion Ratio Lower Upper
106 100
91 213.3 147.2 273.4



#55
Styrene
Concen: 25.345 ug/L
RT: 12.177 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VW023465.D
Acq: 13 Jun 2022 08:34

Tgt Ion:104 Resp: 452558
Ion Ratio Lower Upper
104 100
78 44.5 32.3 59.9





#57

1,1,2,2-Tetrachloroethane

Concen: 26.843 ug/L

RT: 12.713 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VW023465.D

Acq: 13 Jun 2022 08:34

Instrument :

MSVOA_W

ClientSampleId :

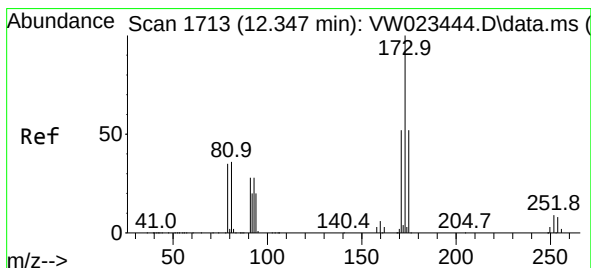
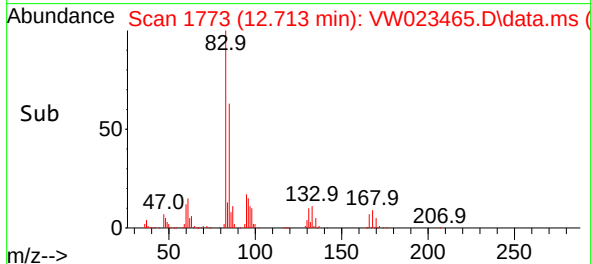
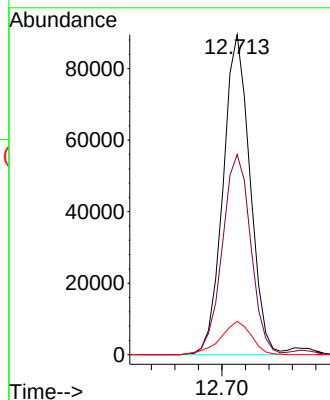
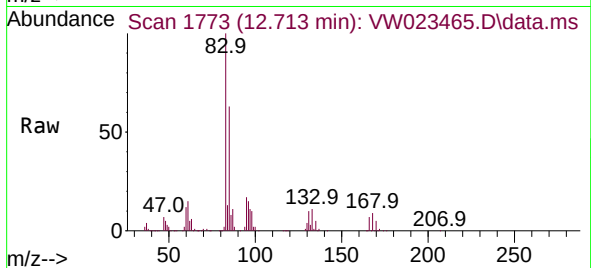
Tgt Ion: 83 Resp: 142292

Ion Ratio Lower Upper

83 100

85 62.6 47.5 88.1

131 10.4 8.7 13.1



#59

Bromoform

Concen: 27.379 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. 0.000 min

Lab File: VW023465.D

Acq: 13 Jun 2022 08:34

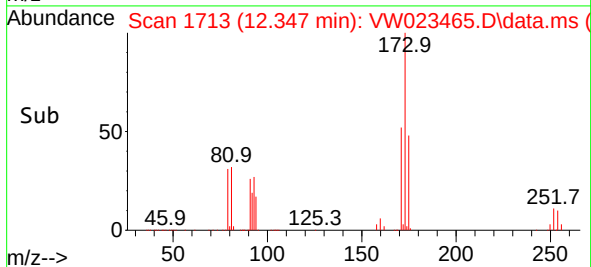
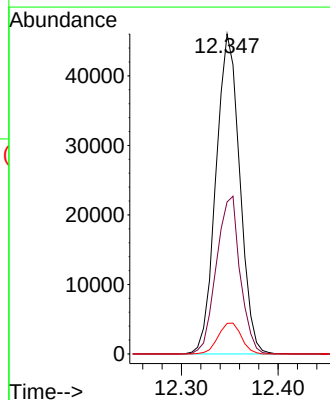
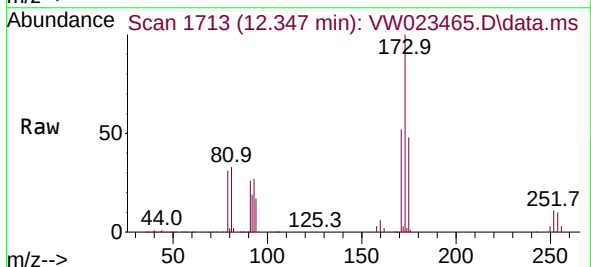
Tgt Ion:173 Resp: 78705

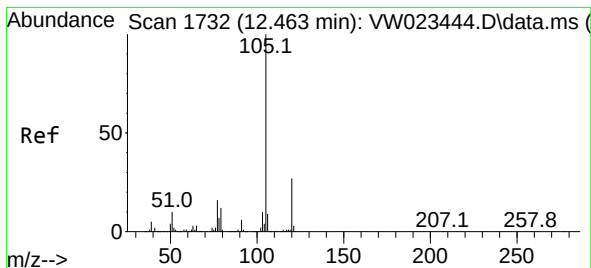
Ion Ratio Lower Upper

173 100

175 49.2 38.1 57.1

254 9.4 6.5 9.7





#60

Isopropylbenzene

Concen: 24.473 ug/L

RT: 12.463 min Scan# 1732

Delta R.T. 0.000 min

Lab File: VW023465.D

Acq: 13 Jun 2022 08:34

Instrument :

MSVOA_W

ClientSampleId :

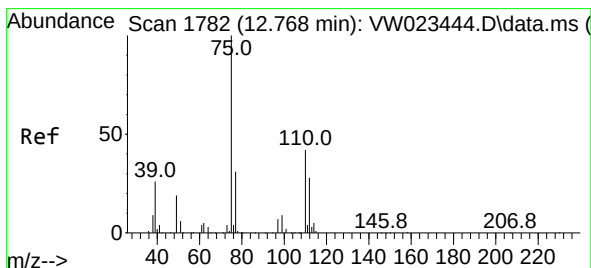
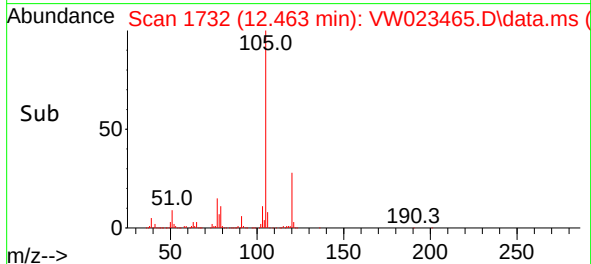
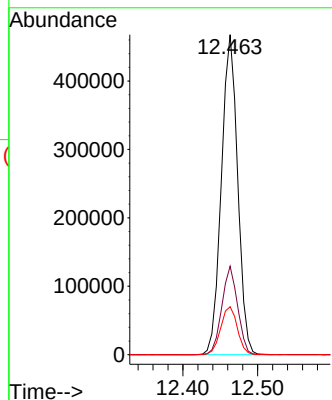
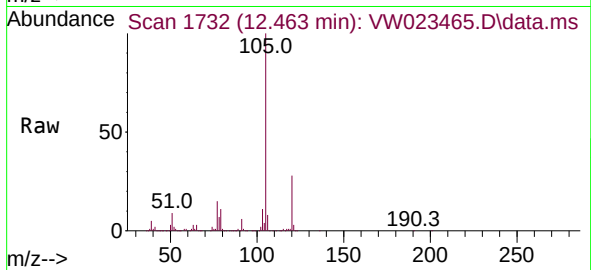
Tgt Ion:105 Resp: 708438

Ion Ratio Lower Upper

105 100

120 26.8 21.3 31.9

77 15.4 12.6 19.0



#61

1,2,3-Trichloropropane

Concen: 26.578 ug/L

RT: 12.768 min Scan# 1782

Delta R.T. 0.000 min

Lab File: VW023465.D

Acq: 13 Jun 2022 08:34

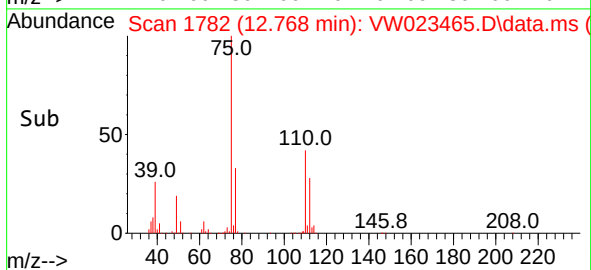
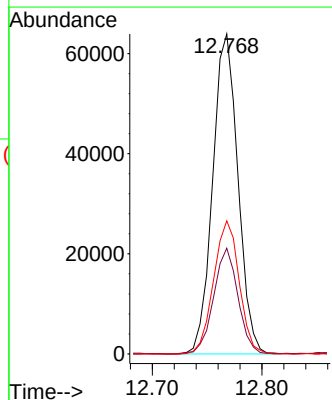
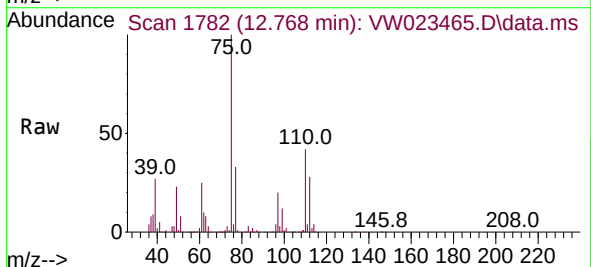
Tgt Ion: 75 Resp: 102274

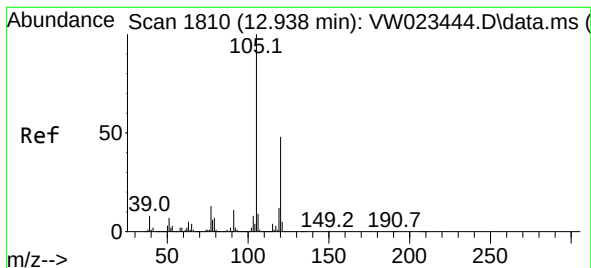
Ion Ratio Lower Upper

75 100

77 31.9 26.2 39.2

110 42.1 34.1 51.1

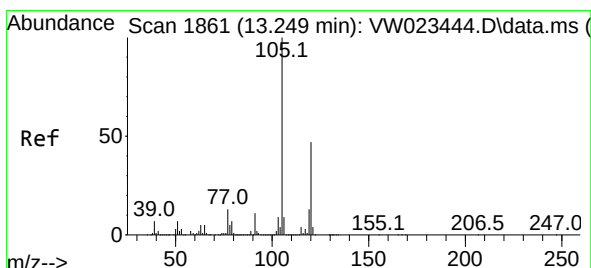
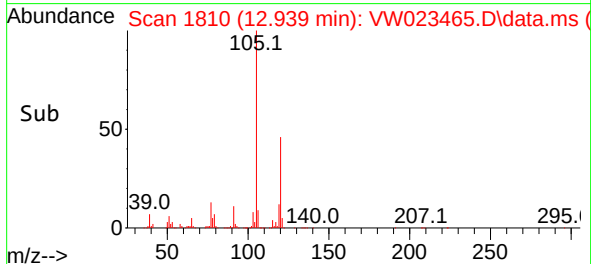
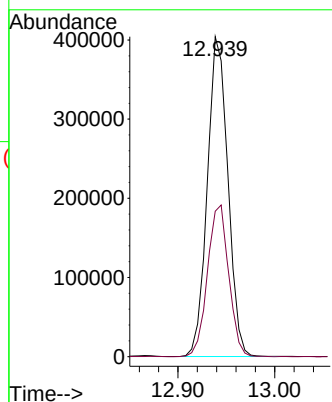
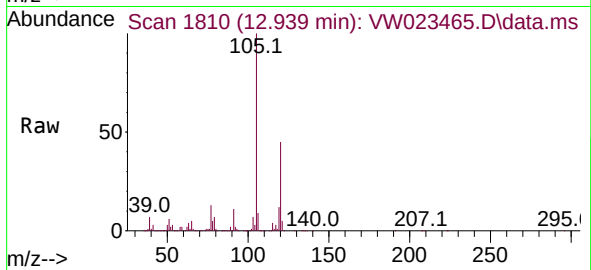




#62
 1,3,5-Trimethylbenzene
 Concen: 25.261 ug/L
 RT: 12.939 min Scan# 1810
 Delta R.T. 0.000 min
 Lab File: VW023465.D
 Acq: 13 Jun 2022 08:34

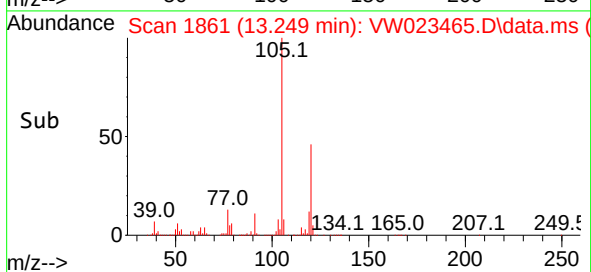
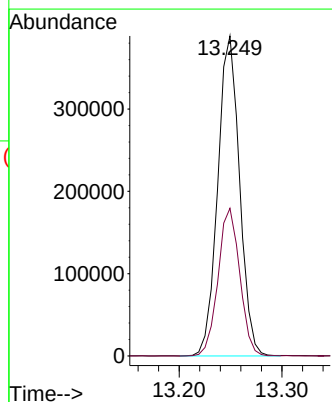
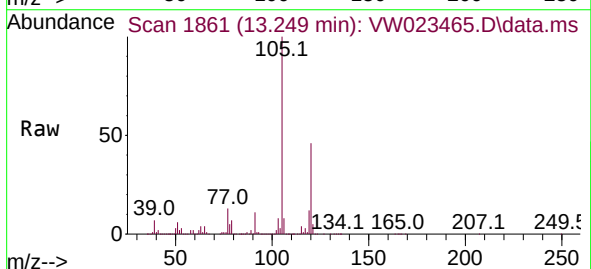
Instrument :
 MSVOA_W
 ClientSampleId :

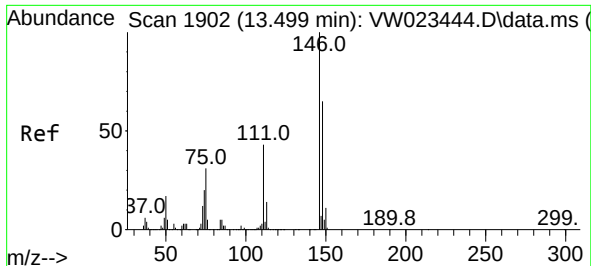
Tgt Ion:105 Resp: 598064
 Ion Ratio Lower Upper
 105 100
 120 48.9 38.9 58.3



#63
 1,2,4-Trimethylbenzene
 Concen: 24.143 ug/L
 RT: 13.249 min Scan# 1861
 Delta R.T. 0.000 min
 Lab File: VW023465.D
 Acq: 13 Jun 2022 08:34

Tgt Ion:105 Resp: 572005
 Ion Ratio Lower Upper
 105 100
 120 45.9 37.4 56.2

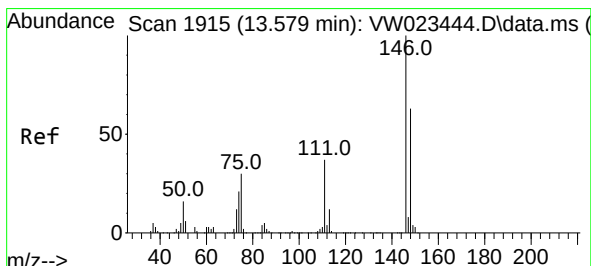
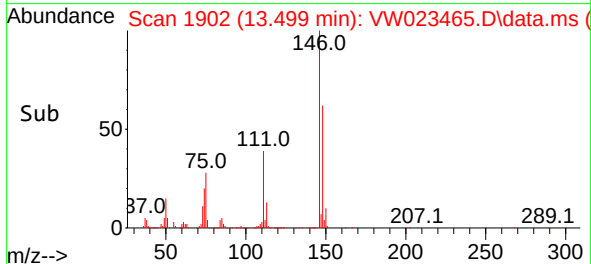
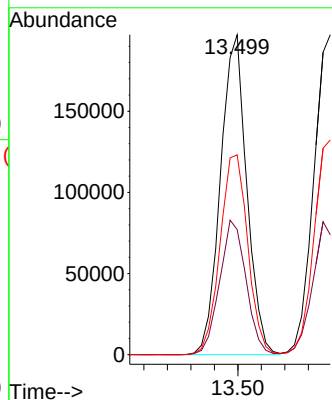
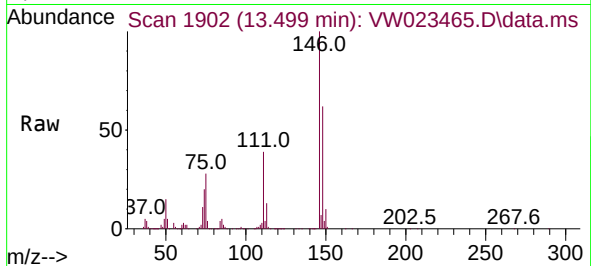




#64
1,3-Dichlorobenzene
Concen: 23.880 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VW023465.D
Acq: 13 Jun 2022 08:34

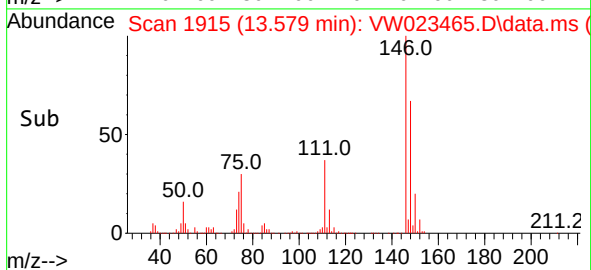
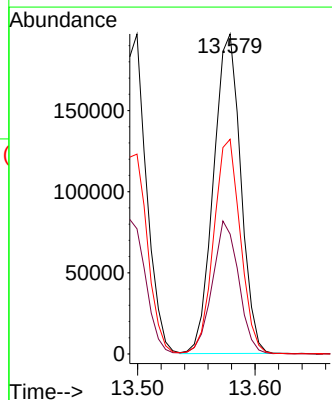
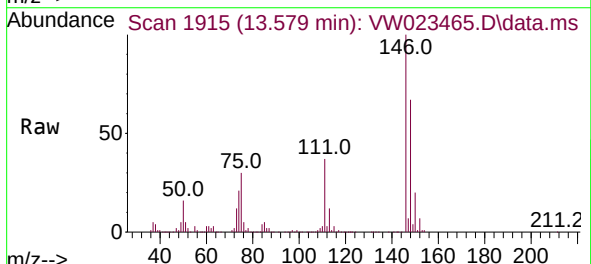
Instrument :
MSVOA_W
ClientSampleId :

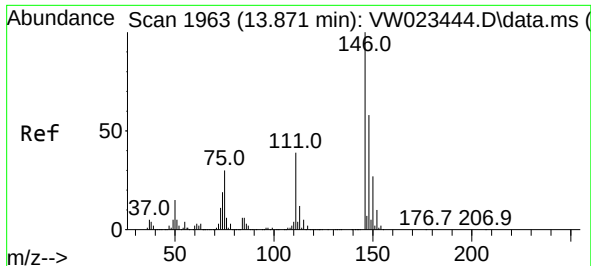
Tgt Ion:146 Resp: 306672
Ion Ratio Lower Upper
146 100
111 39.1 29.5 54.9
148 62.5 48.6 90.2



#65
1,4-Dichlorobenzene
Concen: 24.159 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VW023465.D
Acq: 13 Jun 2022 08:34

Tgt Ion:146 Resp: 316797
Ion Ratio Lower Upper
146 100
111 37.4 27.2 50.4
148 67.1 44.0 81.6





#67

1,2-Dichlorobenzene

Concen: 25.127 ug/L

RT: 13.865 min Scan# 1963

Delta R.T. -0.006 min

Lab File: VW023465.D

Acq: 13 Jun 2022 08:34

Instrument :

MSVOA_W

ClientSampleId :

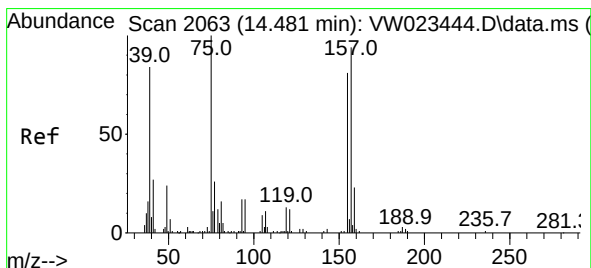
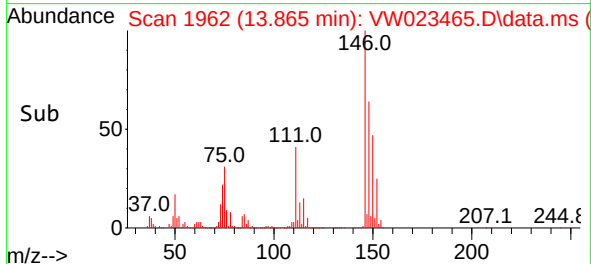
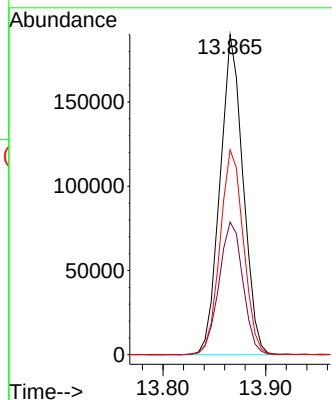
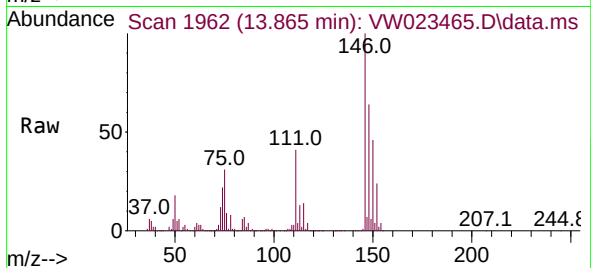
Tgt Ion:146 Resp: 295557

Ion Ratio Lower Upper

146 100

111 41.4 35.7 53.5

148 64.0 52.6 79.0



#68

1,2-Dibromo-3-chloropropane

Concen: 25.989 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VW023465.D

Acq: 13 Jun 2022 08:34

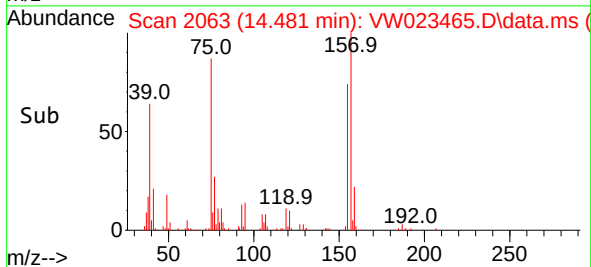
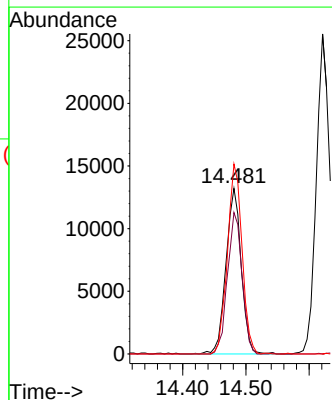
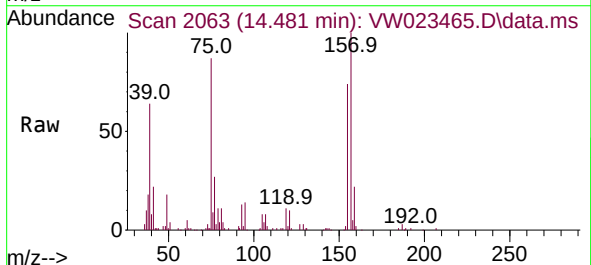
Tgt Ion: 75 Resp: 22082

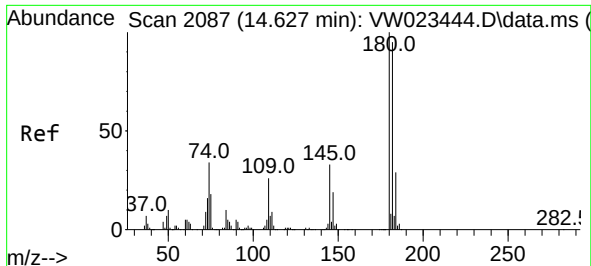
Ion Ratio Lower Upper

75 100

155 85.4 59.3 88.9

157 114.6 89.8 134.8





#69

1,3,5-Trichlorobenzene

Concen: 25.740 ug/L

RT: 14.627 min Scan# 2087

Delta R.T. 0.000 min

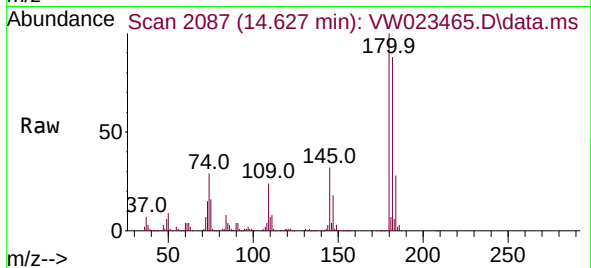
Lab File: VW023465.D

Acq: 13 Jun 2022 08:34

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 215991

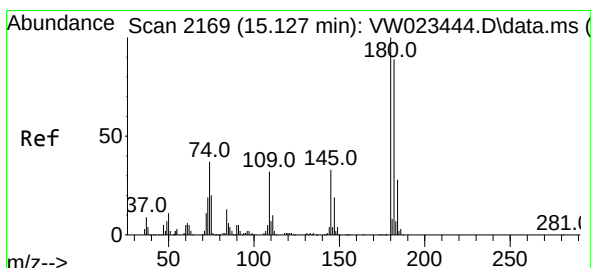
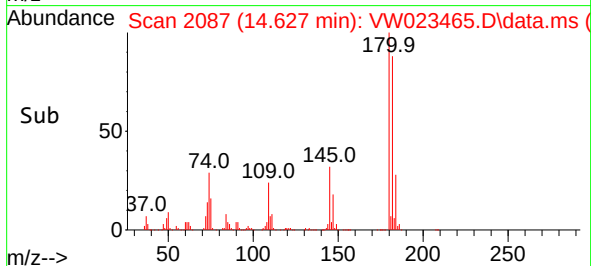
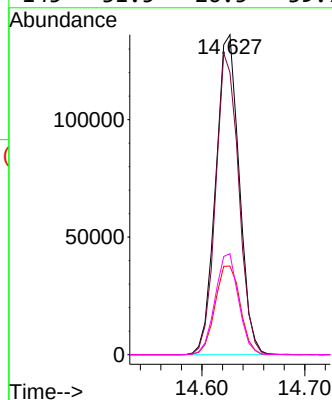
Ion Ratio Lower Upper

180 100

182 92.3 74.8 112.2

184 29.7 23.4 35.2

145 31.5 26.5 39.7



#70

1,2,4-trichlorobenzene

Concen: 24.832 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. 0.000 min

Lab File: VW023465.D

Acq: 13 Jun 2022 08:34

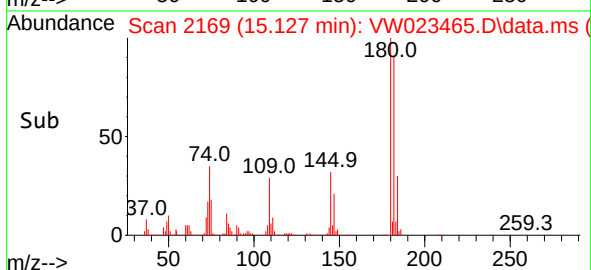
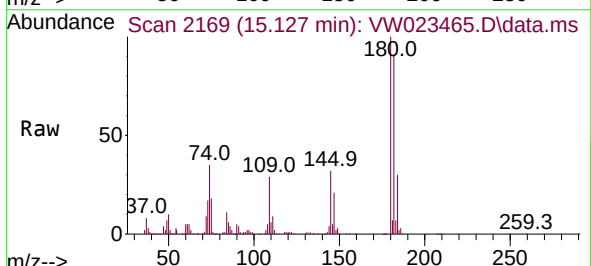
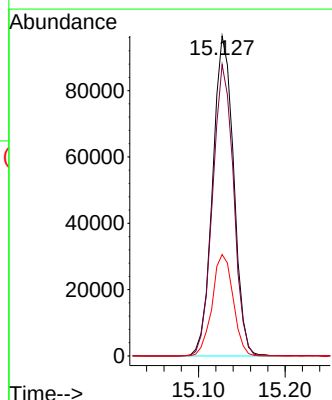
Tgt Ion:180 Resp: 162254

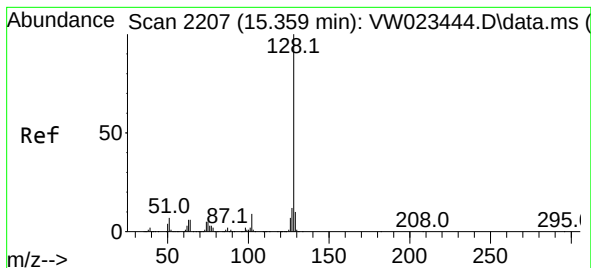
Ion Ratio Lower Upper

180 100

182 90.7 74.9 112.3

145 31.7 26.6 39.8





#71

Naphthalene

Concen: 27.542 ug/L

RT: 15.365 min Scan# 21

Delta R.T. 0.006 min

Lab File: VW023465.D

Acq: 13 Jun 2022 08:34

Instrument :

MSVOA_W

ClientSampleId :

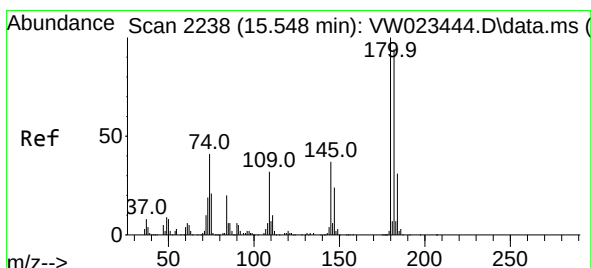
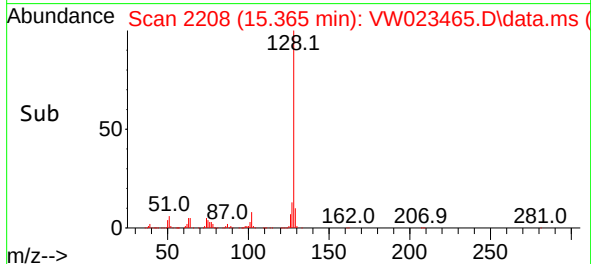
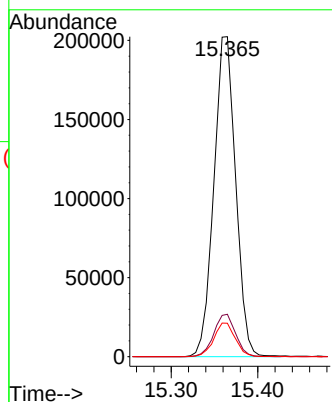
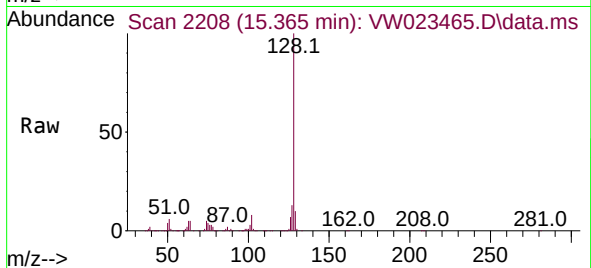
Tgt Ion:128 Resp: 354013

Ion Ratio Lower Upper

128 100

127 13.3 10.6 16.0

129 10.4 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 23.857 ug/L

RT: 15.554 min Scan# 2239

Delta R.T. 0.006 min

Lab File: VW023465.D

Acq: 13 Jun 2022 08:34

Tgt Ion:180 Resp: 135516

Ion Ratio Lower Upper

180 100

182 101.3 73.5 110.3

145 36.4 27.9 41.9

