

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW031424\
 Data File : VW028180.D
 Acq On : 14 Mar 2024 14:57
 Operator : SY/MD
 Sample : VSTD100
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Mar 15 01:25:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM031424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Mar 15 01:22:29 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	203322	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	189840	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	100627	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	261528	109.934	ug/L	0.00
7) Chloroethane-d5	2.899	69	184808	112.386	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.021	65	167087	112.465	ug/L	0.00
21) 2-Butanone-d5	7.069	46	170840	249.236	ug/L	0.00
24) Chloroform-d	7.648	84	699524	116.676	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	383439	116.053	ug/L	0.00
32) Benzene-d6	8.276	84	1324092	114.240	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.276	67	385126	115.464	ug/L	0.00
41) Toluene-d8	10.325	98	1219329	114.054	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.575	79	188525	124.445	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	142347	261.346	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	292044	118.530	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.848	152	417667	113.940	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.015	85	282460	99.248	ug/L	90
3) Chloromethane	2.223	50	217256	103.854	ug/L	99
5) Vinyl chloride	2.375	62	233894	98.911	ug/L	99
6) Bromomethane	2.789	94	141020	100.137	ug/L	98
8) Chloroethane	2.936	64	126954	99.885	ug/L	100
9) Trichlorofluoromethane	3.271	101	329457	115.235	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	277031	101.304	ug/L	97
12) 1,1-Dichloroethene	4.045	96	261034	98.815	ug/L	98
13) Acetone	4.119	43	153771	206.839	ug/L	99
14) Carbon disulfide	4.387	76	799532	97.635	ug/L	100
15) Methyl Acetate	4.667	43	116694	98.608	ug/L	100
16) Methylene chloride	4.923	84	262209	84.590	ug/L	99
17) trans-1,2-Dichloroethene	5.429	96	276253	99.007	ug/L	96
18) Methyl tert-butyl Ether	5.429	73	421787	100.192	ug/L	100
19) 1,1-Dichloroethane	6.216	63	532832	98.640	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	303126	100.571	ug/L	99
22) 2-Butanone	7.167	43	177646	208.258	ug/L	99
23) Bromochloromethane	7.514	128	130402	97.881	ug/L	95
25) Chloroform	7.673	83	548615	98.653	ug/L	99
27) 1,2-Dichloroethane	8.398	62	380881	97.005	ug/L	97
29) Cyclohexane	7.953	56	490069	98.944	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	492425	98.953	ug/L	98
31) Carbon tetrachloride	8.069	117	453443	97.142	ug/L	98
33) Benzene	8.325	78	1134613	97.126	ug/L	100
34) Trichloroethene	9.093	95	312766	95.965	ug/L	92
35) Methylcyclohexane	9.337	83	533836	96.903	ug/L	99
37) 1,2-Dichloropropane	9.368	63	287740	96.299	ug/L	99
38) Bromodichloromethane	9.642	83	399694	99.216	ug/L	98
39) cis-1,3-Dichloropropene	10.069	75	500079	104.505	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	337879	204.860	ug/L	99
42) Toluene	10.386	91	1251583	98.168	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	430677	106.602	ug/L	96

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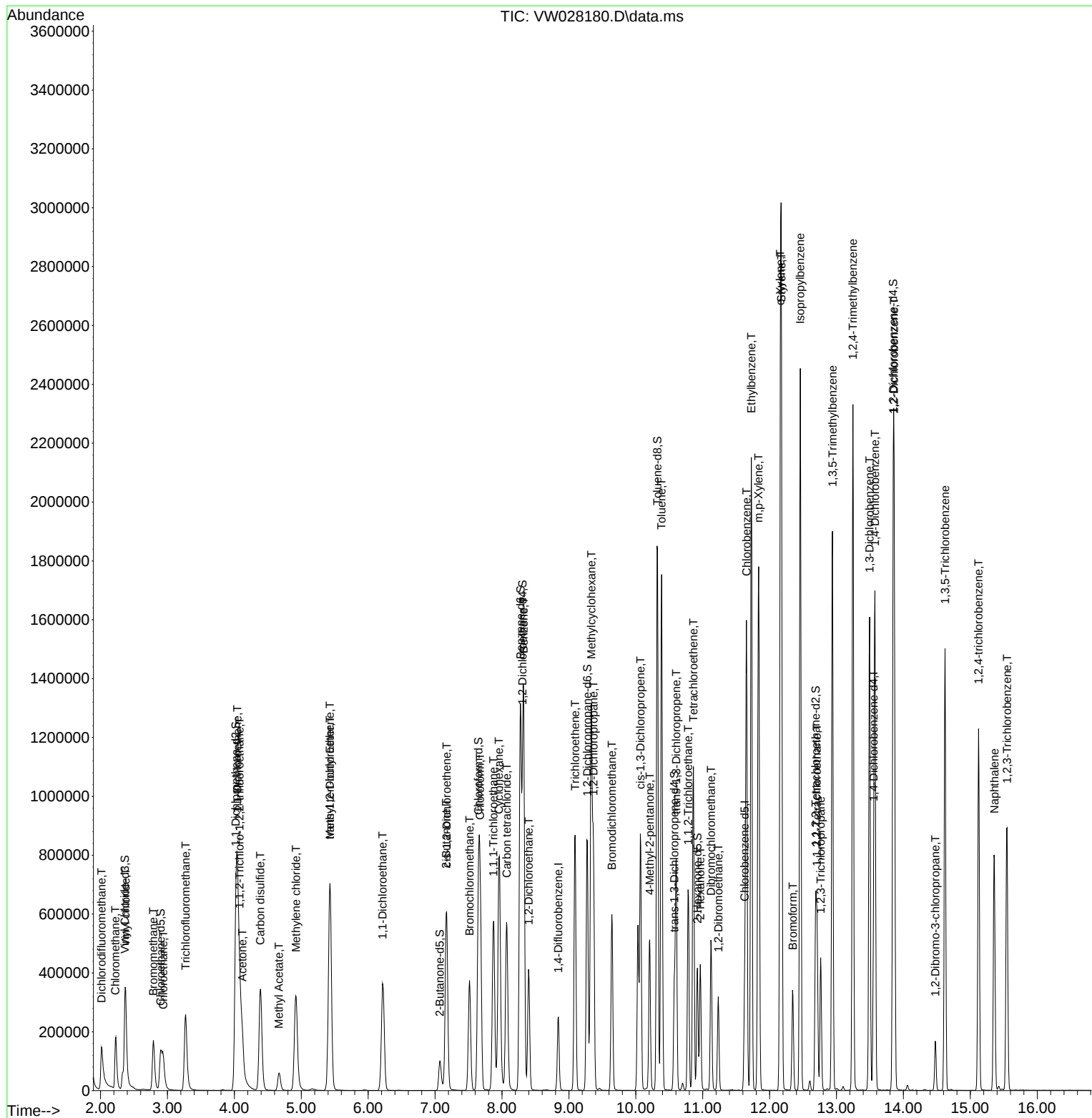
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.782	97	210222	97.377	ug/L	98
46) Tetrachloroethene	10.861	164	249966	95.147	ug/L	94
48) 2-Hexanone	10.965	43	262551	203.217	ug/L	97
49) Dibromochloromethane	11.123	129	260099	101.730	ug/L	99
50) 1,2-Dibromoethane	11.233	107	207161	100.356	ug/L	99
51) Chlorobenzene	11.654	112	782460	96.691	ug/L	98
52) Ethylbenzene	11.727	91	1494618	100.423	ug/L	96
53) m,p-Xylene	11.837	106	556262	99.320	ug/L	97
54) o-Xylene	12.160	106	524234	100.935	ug/L	94
55) Styrene	12.178	104	898998	100.771	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.708	83	245160	99.283	ug/L	96
59) Bromoform	12.349	173	158041	104.812	ug/L	98
60) Isopropylbenzene	12.458	105	1495003	99.995	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	180642	94.061	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	1014800	101.160	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	1230207	101.561	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	634796	95.172	ug/L	99
65) 1,4-Dichlorobenzene	13.574	146	637203	95.537	ug/L	97
67) 1,2-Dichlorobenzene	13.861	146	547649	95.344	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.476	75	43990	97.510	ug/L	96
69) 1,3,5-Trichlorobenzene	14.623	180	443349	95.424	ug/L	98
70) 1,2,4-trichlorobenzene	15.123	180	380762	96.469	ug/L	99
71) Naphthalene	15.360	128	688682	101.656	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	305610	93.924	ug/L	99

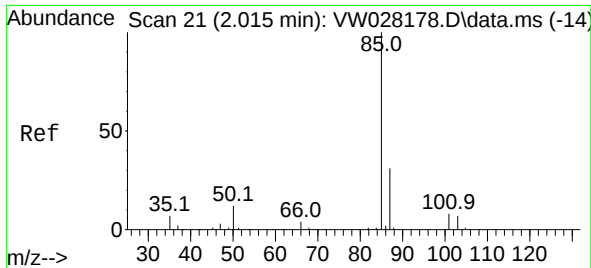
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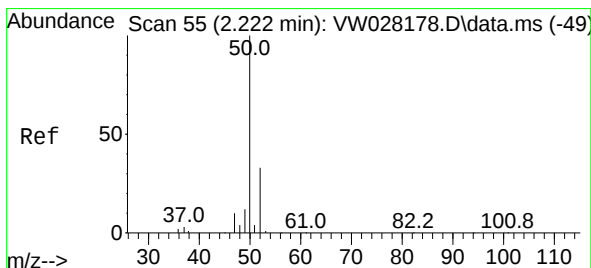
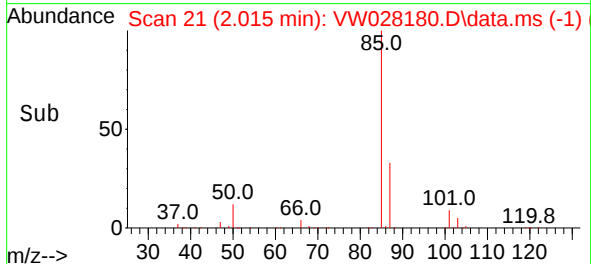
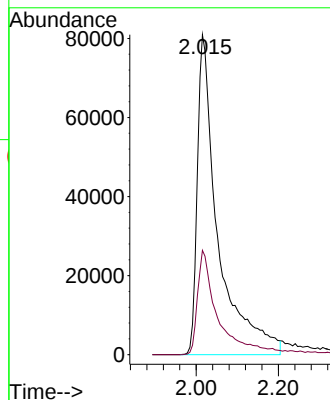
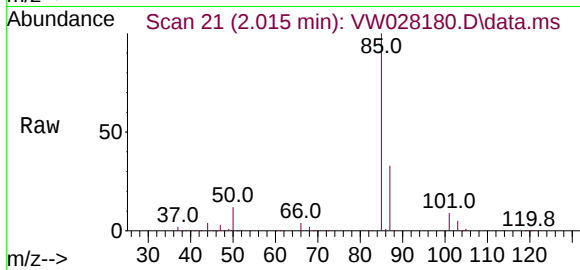




#2
 Dichlorodifluoromethane
 Concen: 99.248 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW028180.D
 Acq: 14 Mar 2024 14:57

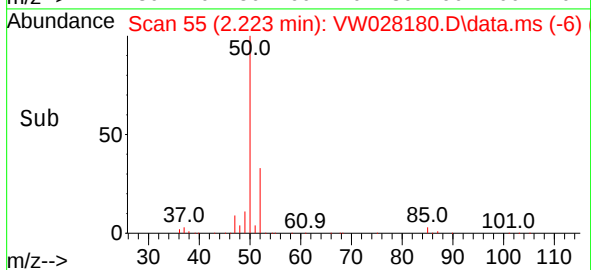
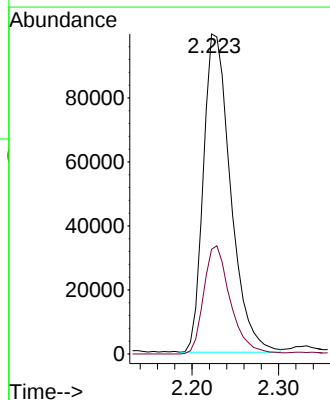
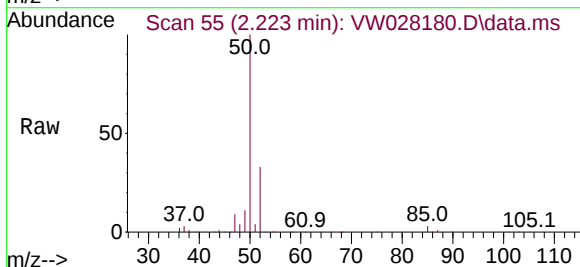
Instrument :
 MSVOA_W
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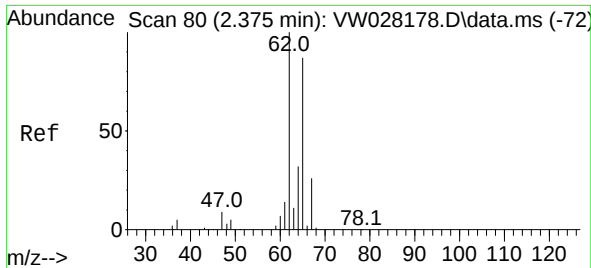
Tgt Ion: 85 Resp: 282460
 Ion Ratio Lower Upper
 85 100
 87 31.1 20.9 31.3



#3
 Chloromethane
 Concen: 103.854 ug/L
 RT: 2.223 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VW028180.D
 Acq: 14 Mar 2024 14:57

Tgt Ion: 50 Resp: 217256
 Ion Ratio Lower Upper
 50 100
 52 32.7 22.7 42.1





#5

Vinyl chloride

Concen: 98.911 ug/L

RT: 2.375 min Scan# 80

Delta R.T. 0.000 min

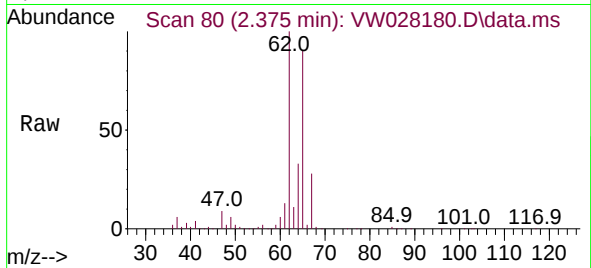
Lab File: VW028180.D

Acq: 14 Mar 2024 14:57

Instrument :

MSVOA_W

ClientSampleId :

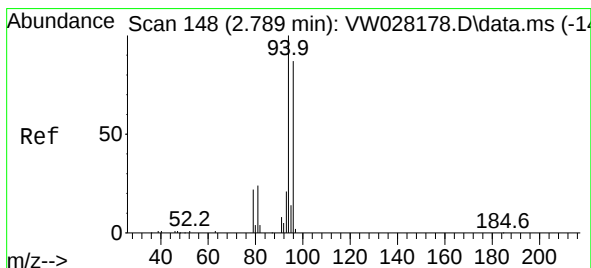
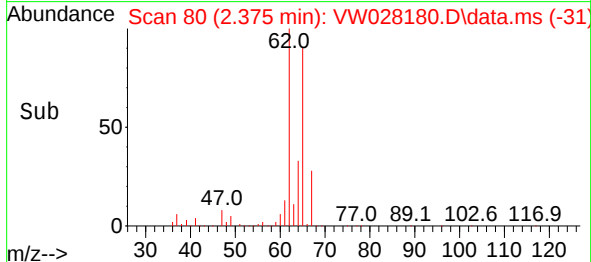
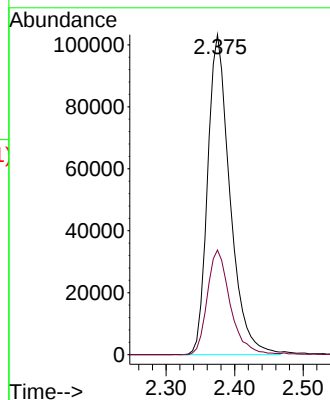


Tgt Ion: 62 Resp: 233894

Ion Ratio Lower Upper

62 100

64 32.7 22.5 41.7



#6

Bromomethane

Concen: 100.137 ug/L

RT: 2.789 min Scan# 148

Delta R.T. 0.000 min

Lab File: VW028180.D

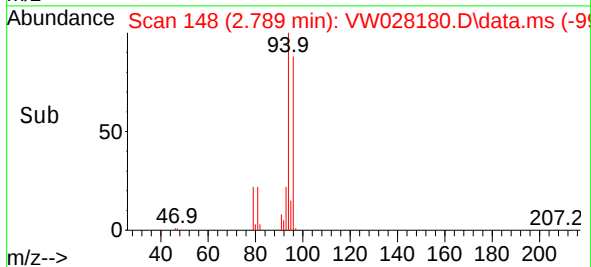
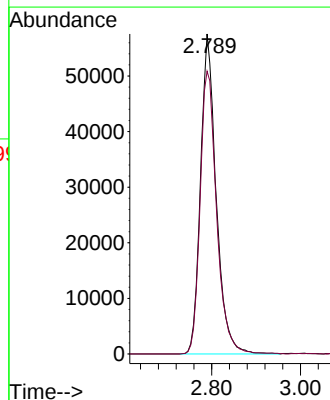
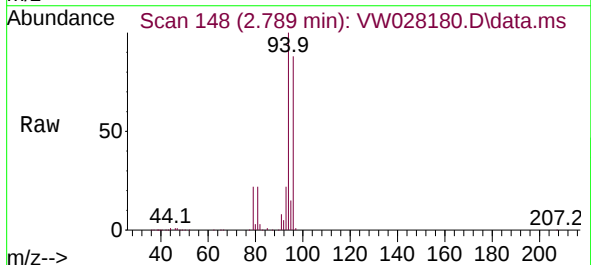
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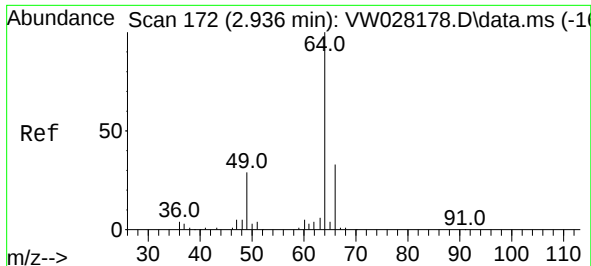
Tgt Ion: 94 Resp: 141020

Ion Ratio Lower Upper

94 100

96 88.3 60.8 113.0

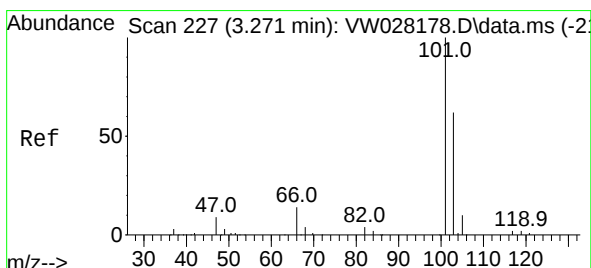
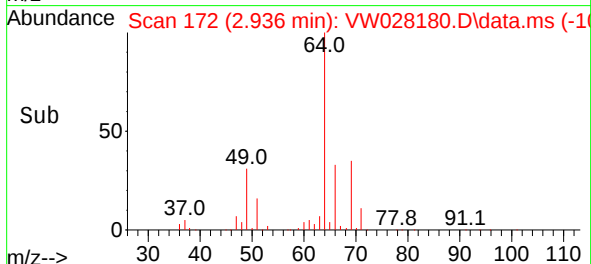
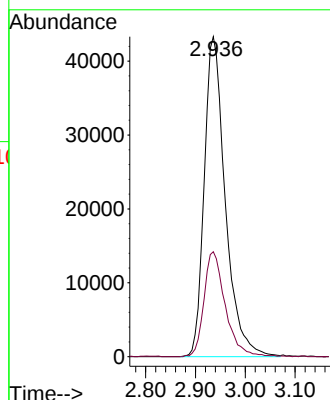
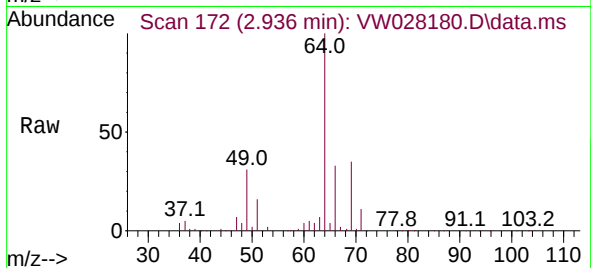




#8
Chloroethane
Concen: 99.885 ug/L
RT: 2.936 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW028180.D
Acq: 14 Mar 2024 14:57

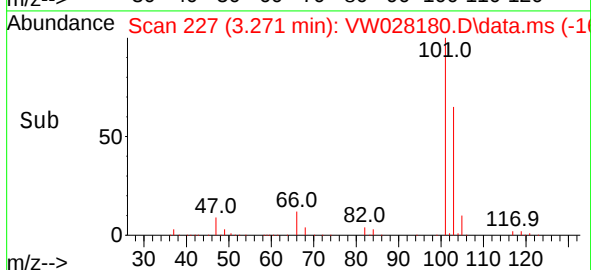
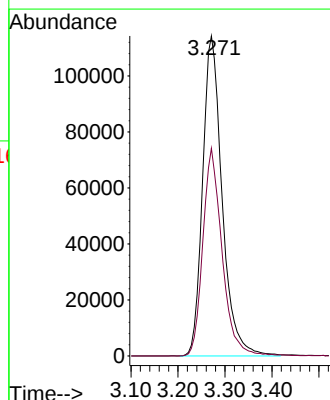
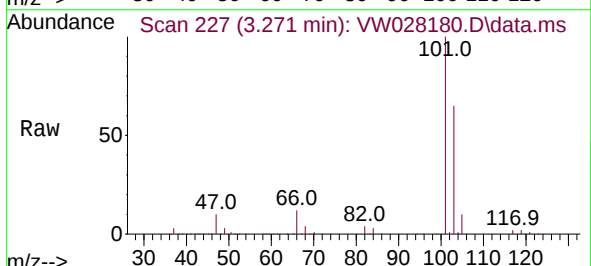
Instrument :
MSVOA_W
ClientSampleId :

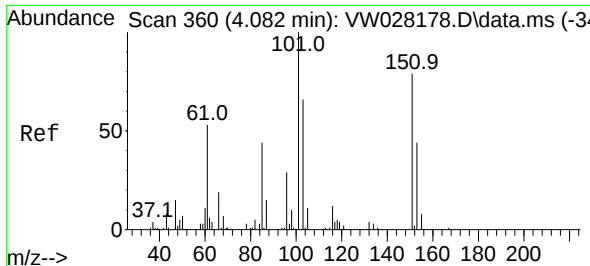
Tgt Ion: 64 Resp: 126954
Ion Ratio Lower Upper
64 100
66 32.8 22.9 42.5



#9
Trichlorofluoromethane
Concen: 115.235 ug/L
RT: 3.271 min Scan# 227
Delta R.T. 0.000 min
Lab File: VW028180.D
Acq: 14 Mar 2024 14:57

Tgt Ion:101 Resp: 329457
Ion Ratio Lower Upper
101 100
103 63.8 50.9 76.3





#10

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

Concen: 101.304 ug/L

RT: 4.076 min Scan# 359

Delta R.T. -0.006 min

Lab File: VW028180.D

Acq: 14 Mar 2024 14:57

Instrument :

MSVOA_W

ClientSampleId :

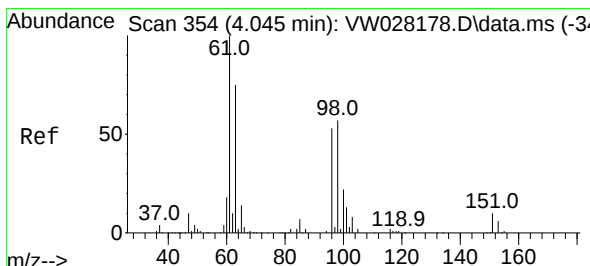
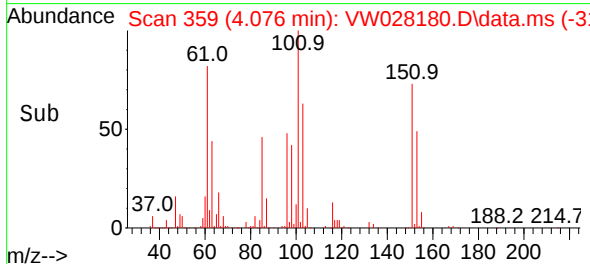
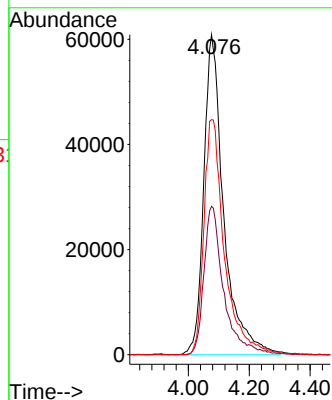
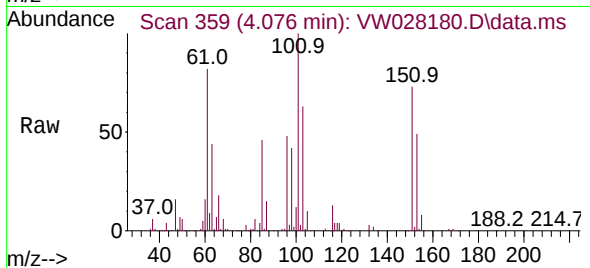
Tgt Ion:101 Resp: 277031

Ion Ratio Lower Upper

101 100

85 43.8 36.4 54.6

151 75.4 58.4 87.6



#12

1,1-Dichloroethene

Concen: 98.815 ug/L

RT: 4.045 min Scan# 354

Delta R.T. 0.000 min

Lab File: VW028180.D

Acq: 14 Mar 2024 14:57

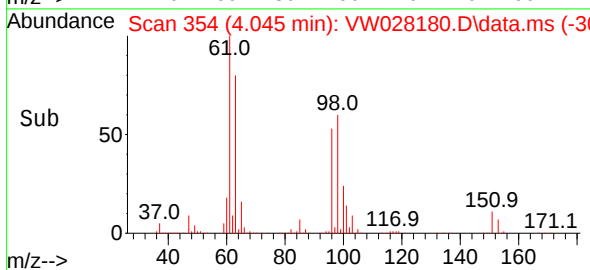
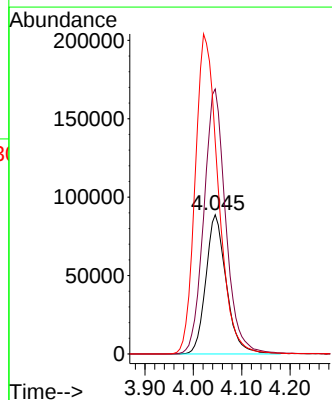
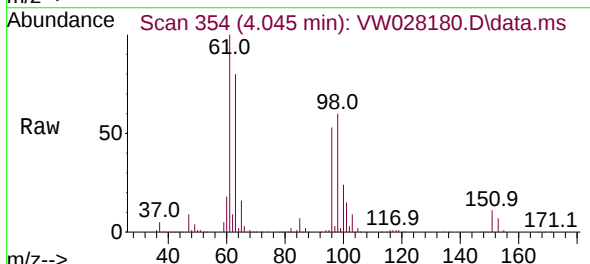
Tgt Ion: 96 Resp: 261034

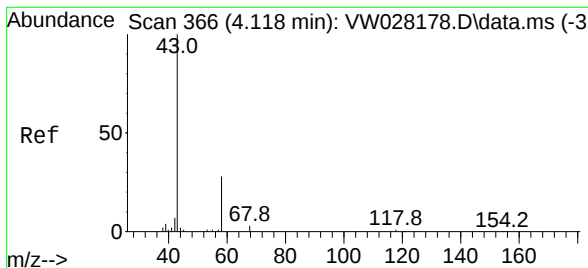
Ion Ratio Lower Upper

96 100

61 190.3 132.2 245.4

63 152.4 104.6 194.2





#13

Acetone

Concen: 206.839 ug/L

RT: 4.119 min Scan# 3

Delta R.T. 0.000 min

Lab File: VW028180.D

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Instrument :

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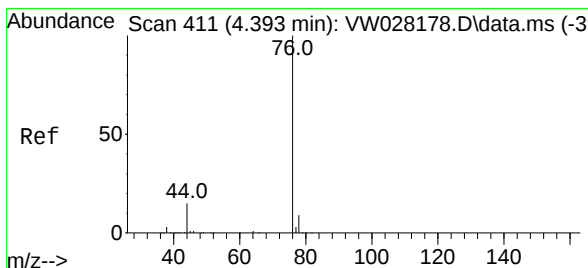
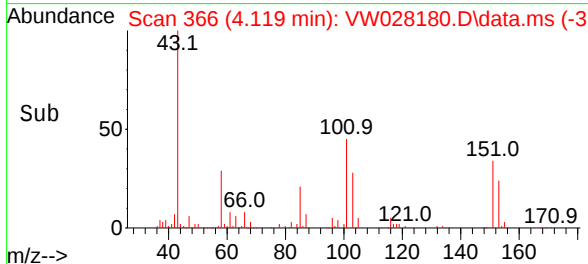
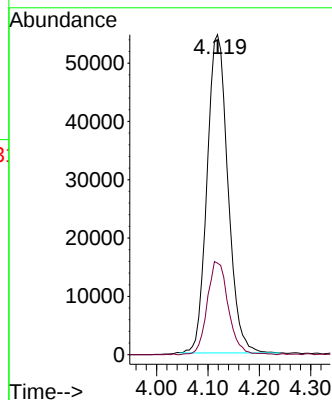
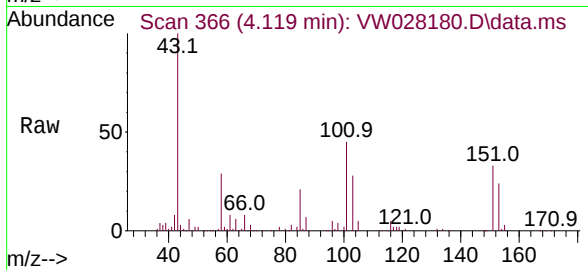
ClientSampleId :

Tgt Ion: 43 Resp: 153771

Ion Ratio Lower Upper

43 100

58 29.4 0.0 57.8



#14

Carbon disulfide

Concen: 97.635 ug/L

RT: 4.387 min Scan# 410

Delta R.T. -0.006 min

Lab File: VW028180.D

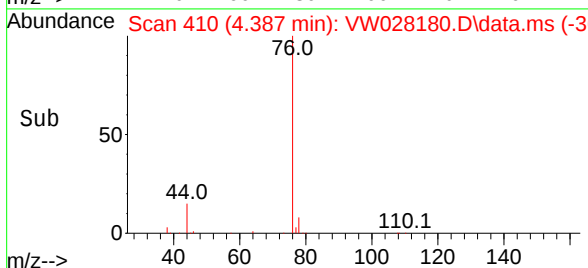
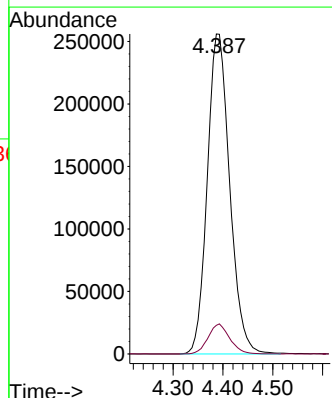
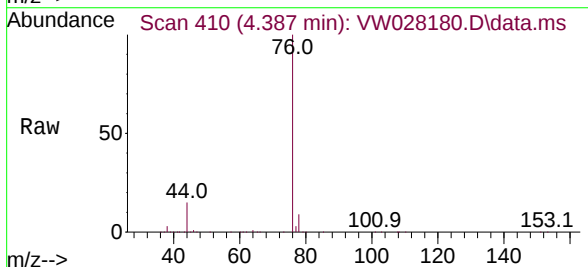
Acq: 14 Mar 2024 14:57

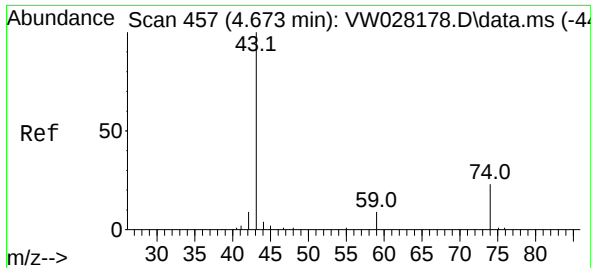
Tgt Ion: 76 Resp: 799532

Ion Ratio Lower Upper

76 100

78 8.9 7.1 10.7

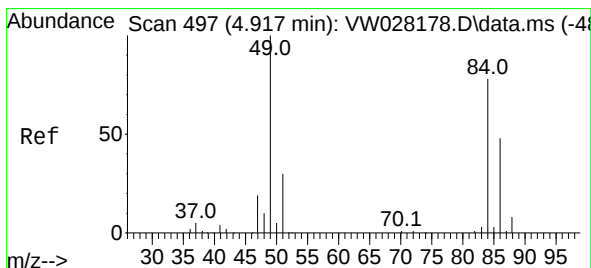
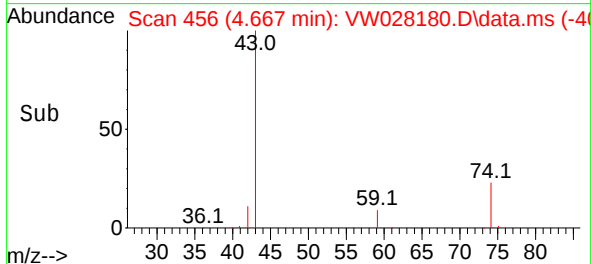
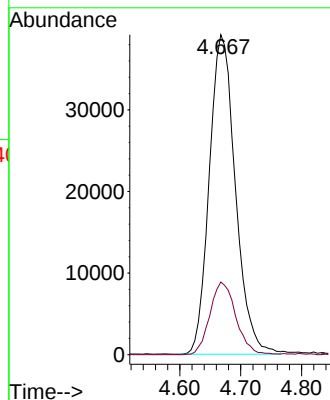
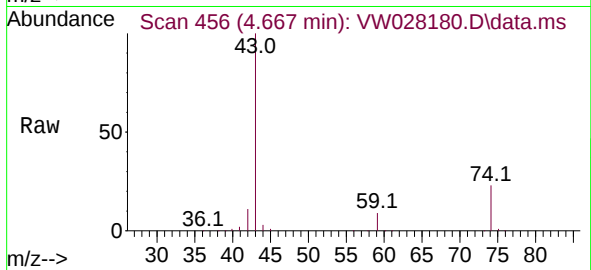




#15
Methyl Acetate
Concen: 98.608 ug/L
RT: 4.667 min Scan# 417
Delta R.T. -0.006 min
Lab File: VW028180.D
Acq: 14 Mar 2024 14:57

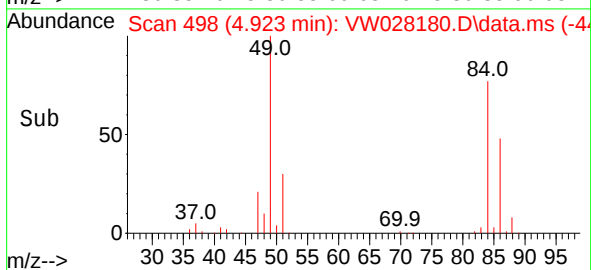
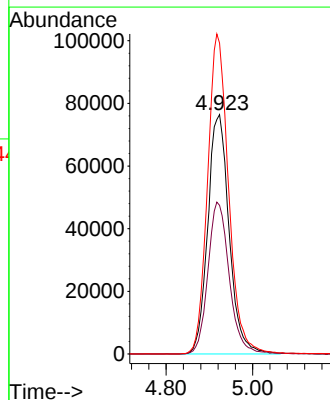
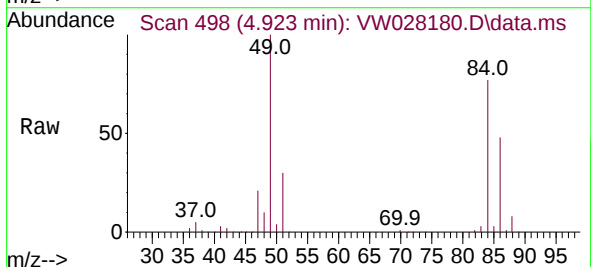
Instrument :
MSVOA_W
ClientSampleId :

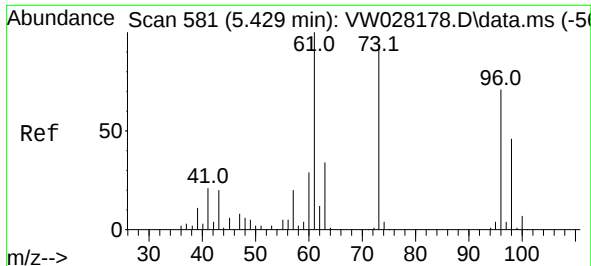
Tgt Ion: 43 Resp: 116694
Ion Ratio Lower Upper
43 100
74 22.7 18.2 27.2



#16
Methylene chloride
Concen: 84.590 ug/L
RT: 4.923 min Scan# 498
Delta R.T. 0.006 min
Lab File: VW028180.D
Acq: 14 Mar 2024 14:57

Tgt Ion: 84 Resp: 262209
Ion Ratio Lower Upper
84 100
86 62.1 43.1 80.1
49 129.9 89.4 166.0





#17

trans-1,2-Dichloroethene

Concen: 99.007 ug/L

RT: 5.429 min Scan# 581

Delta R.T. 0.000 min

Lab File: VW028180.D

Acq: 14 Mar 2024 14:57

Instrument :

MSVOA_W

ClientSampleId :

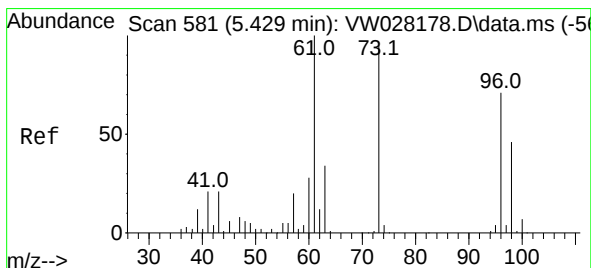
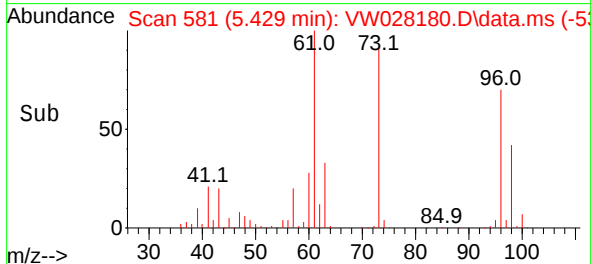
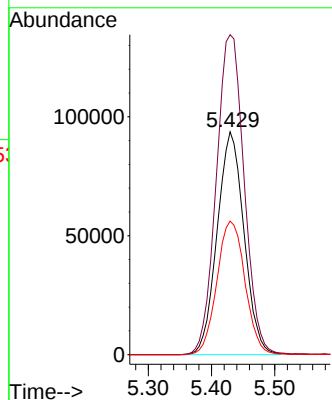
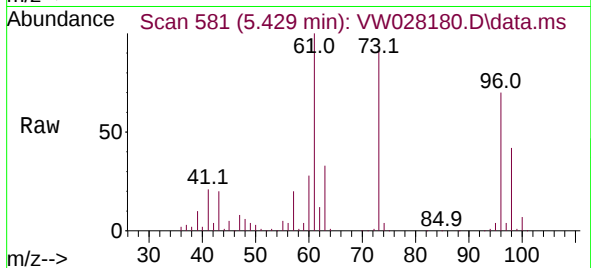
Tgt Ion: 96 Resp: 276253

Ion Ratio Lower Upper

96 100

61 143.6 98.4 182.8

98 60.0 45.6 84.8



#18

Methyl tert-butyl Ether

Concen: 100.192 ug/L

RT: 5.429 min Scan# 581

Delta R.T. 0.000 min

Lab File: VW028180.D

Acq: 14 Mar 2024 14:57

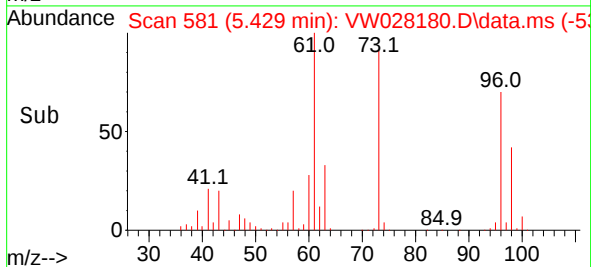
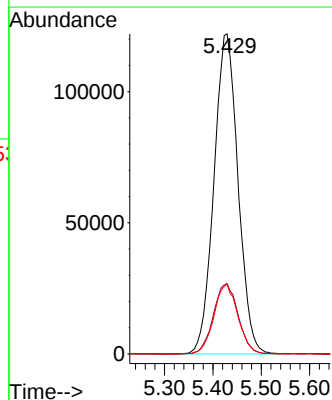
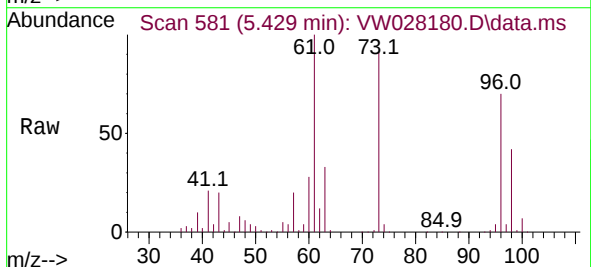
Tgt Ion: 73 Resp: 421787

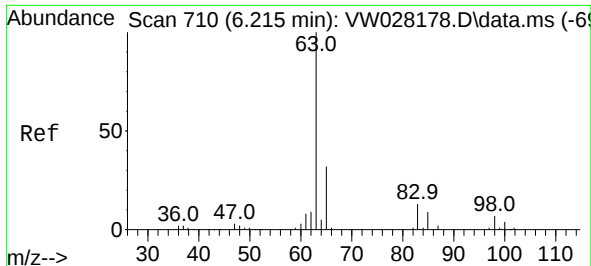
Ion Ratio Lower Upper

73 100

43 22.5 18.2 27.4

57 21.7 17.4 26.2





#19

1,1-Dichloroethane

Concen: 98.640 ug/L

RT: 6.216 min Scan# 710

Delta R.T. 0.000 min

Lab File: VW028180.D

Acq: 14 Mar 2024 14:57

Instrument :

MSVOA_W

ClientSampleId :

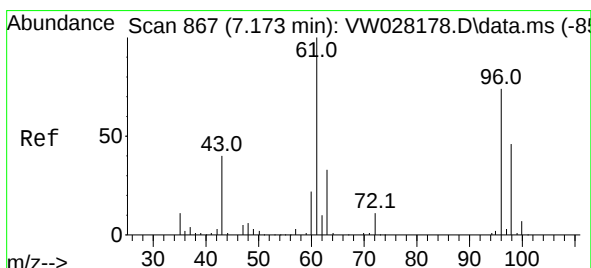
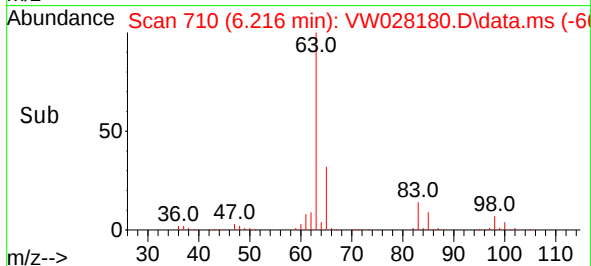
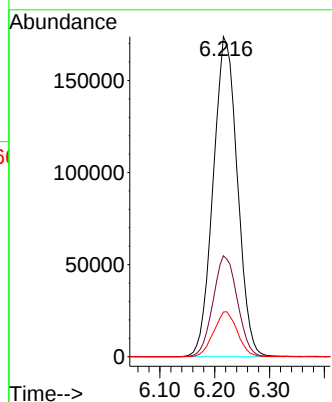
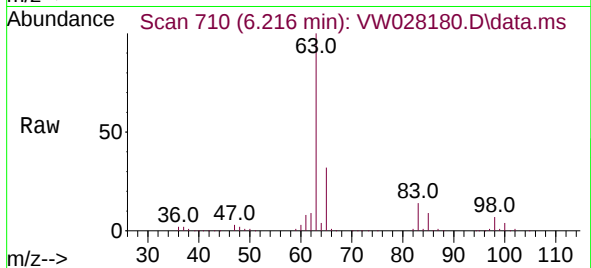
Tgt Ion: 63 Resp: 532832

Ion Ratio Lower Upper

63 100

65 31.5 22.1 41.1

83 14.0 9.0 16.6



#20

cis-1,2-Dichloroethene

Concen: 100.571 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.000 min

Lab File: VW028180.D

Acq: 14 Mar 2024 14:57

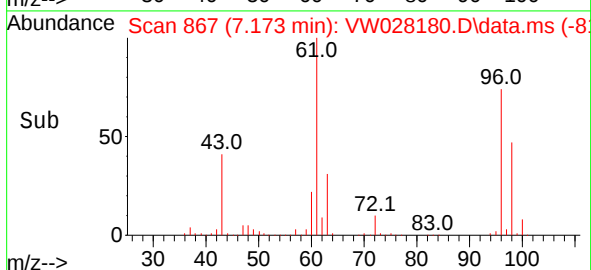
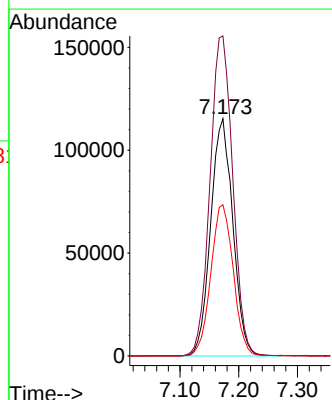
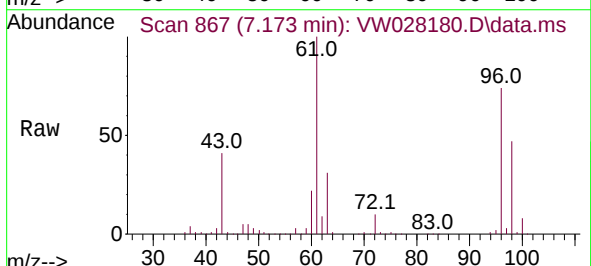
Tgt Ion: 96 Resp: 303126

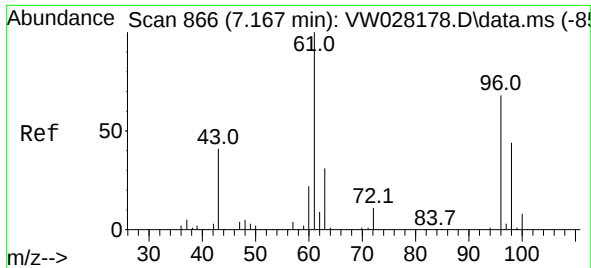
Ion Ratio Lower Upper

96 100

61 134.9 95.7 177.7

98 63.7 43.9 81.5

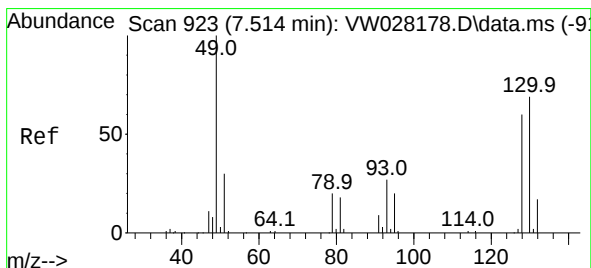
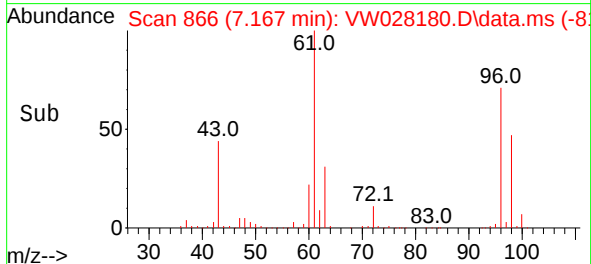
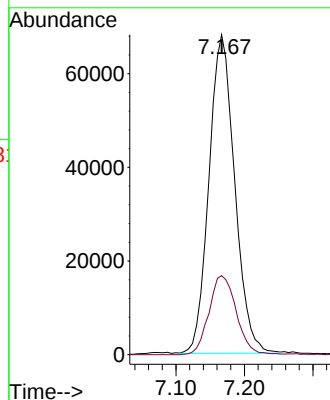
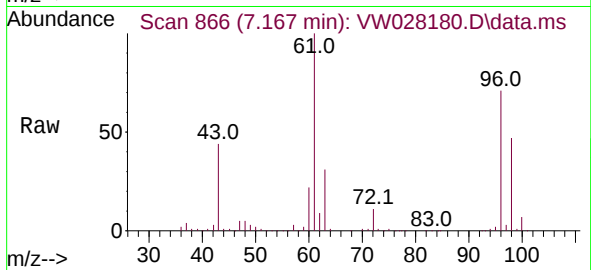




#22
2-Butanone
Concen: 208.258 ug/L
RT: 7.167 min Scan# 866
Delta R.T. 0.000 min
Lab File: VW028180.D
Acq: 14 Mar 2024 14:57

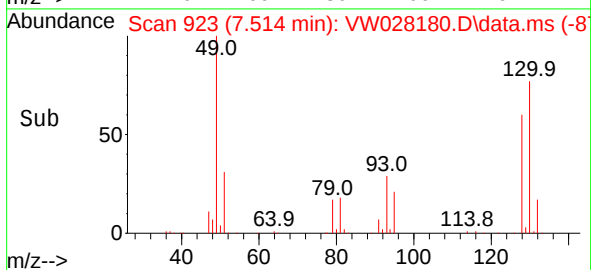
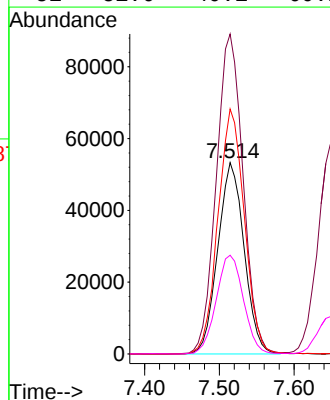
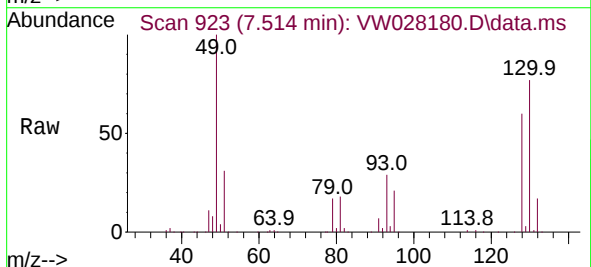
Instrument :
MSVOA_W
ClientSampleId :

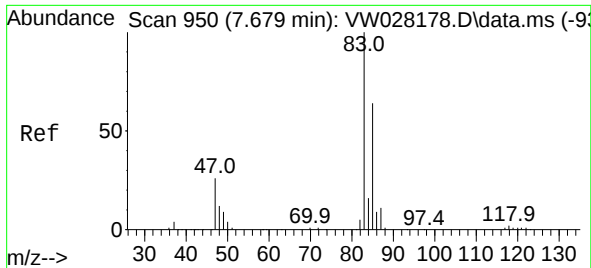
Tgt Ion: 43 Resp: 177646
Ion Ratio Lower Upper
43 100
72 26.3 12.8 38.4



#23
Bromochloromethane
Concen: 97.881 ug/L
RT: 7.514 min Scan# 923
Delta R.T. 0.000 min
Lab File: VW028180.D
Acq: 14 Mar 2024 14:57

Tgt Ion: 128 Resp: 130402
Ion Ratio Lower Upper
128 100
49 167.2 116.6 216.6
130 128.0 80.1 148.7
51 51.6 40.1 60.1





#25

Chloroform

Concen: 98.653 ug/L

RT: 7.673 min Scan# 949

Delta R.T. -0.006 min

Lab File: VW028180.D

Acq: 14 Mar 2024 14:57

Instrument :

MSVOA_W

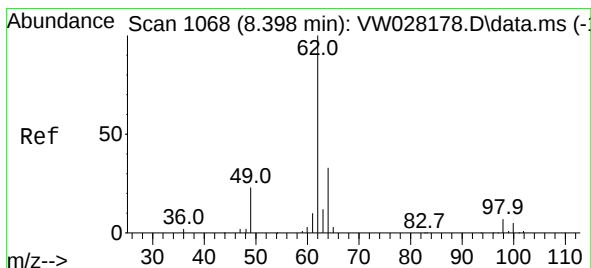
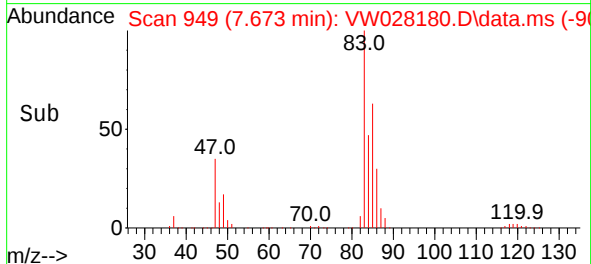
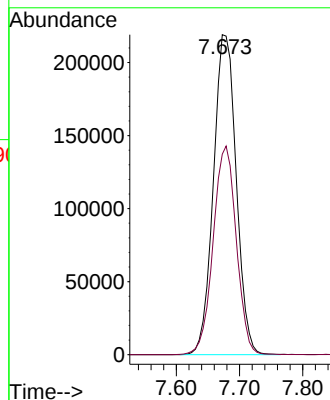
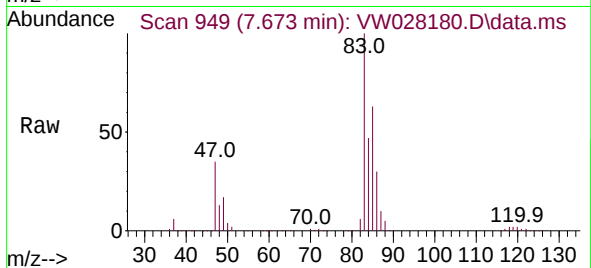
ClientSampleId :

Tgt Ion: 83 Resp: 548615

Ion Ratio Lower Upper

83 100

85 62.6 44.5 82.7



#27

1,2-Dichloroethane

Concen: 97.005 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. 0.000 min

Lab File: VW028180.D

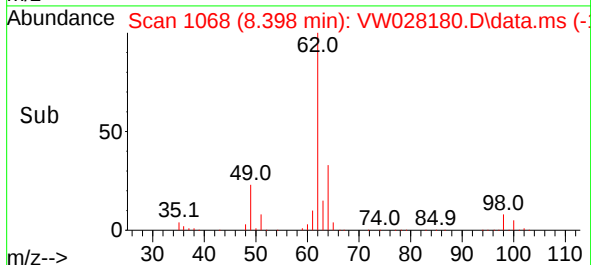
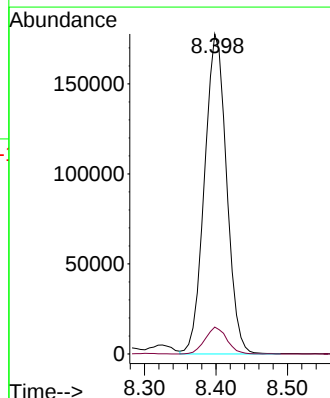
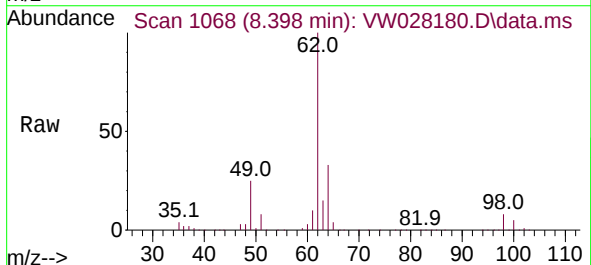
Acq: 14 Mar 2024 14:57

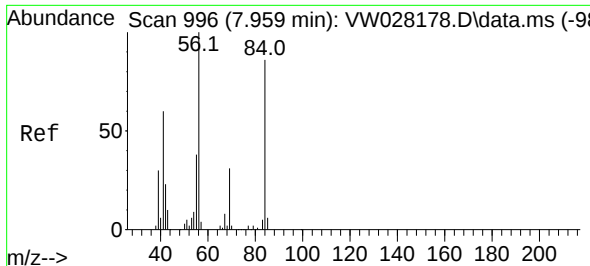
Tgt Ion: 62 Resp: 380881

Ion Ratio Lower Upper

62 100

98 8.4 5.9 8.9





#29

Cyclohexane

Concen: 98.944 ug/L

RT: 7.953 min Scan# 995

Delta R.T. -0.006 min

Lab File: VW028180.D

Acq: 14 Mar 2024 14:57

Instrument :

MSVOA_W

ClientSampleId :

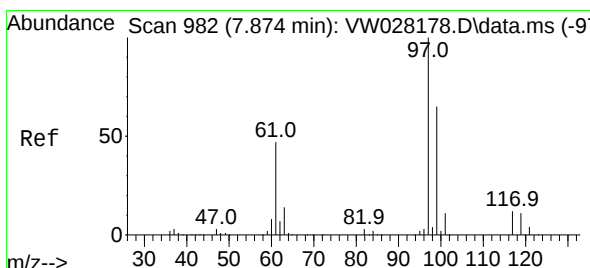
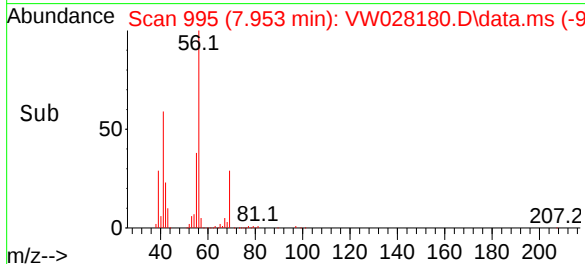
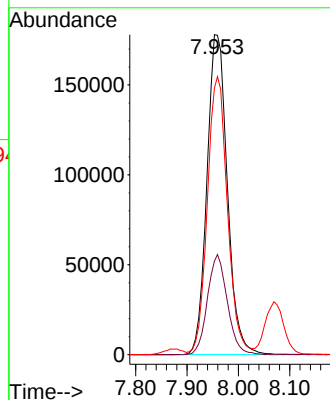
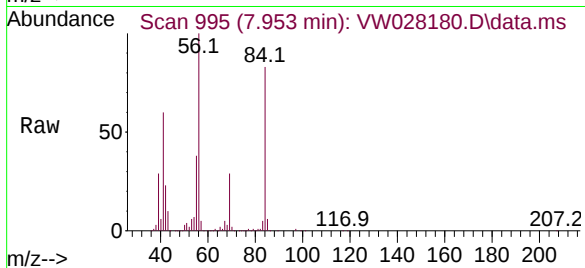
Tgt Ion: 56 Resp: 490069

Ion Ratio Lower Upper

56 100

69 30.4 24.0 36.0

84 85.5 68.4 102.6



#30

1,1,1-Trichloroethane

Concen: 98.953 ug/L

RT: 7.874 min Scan# 982

Delta R.T. 0.000 min

Lab File: VW028180.D

Acq: 14 Mar 2024 14:57

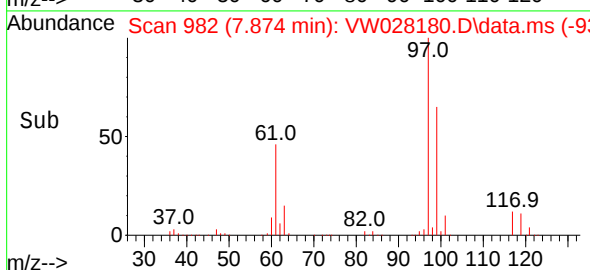
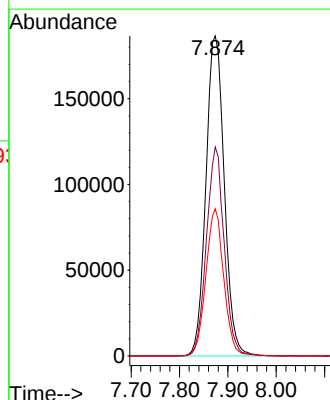
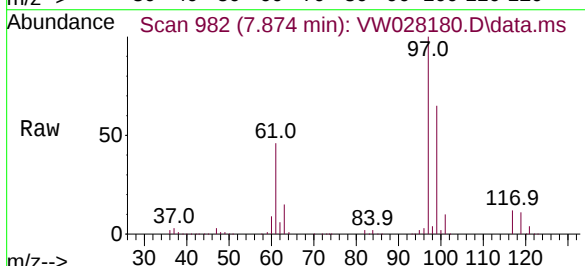
Tgt Ion: 97 Resp: 492425

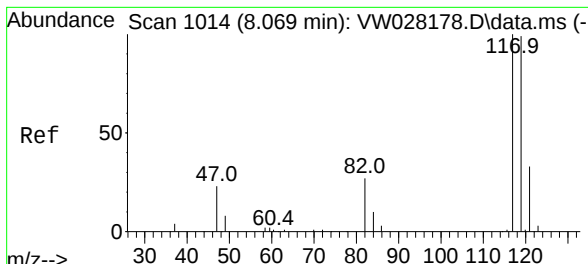
Ion Ratio Lower Upper

97 100

99 63.1 51.3 76.9

61 44.8 37.0 55.6

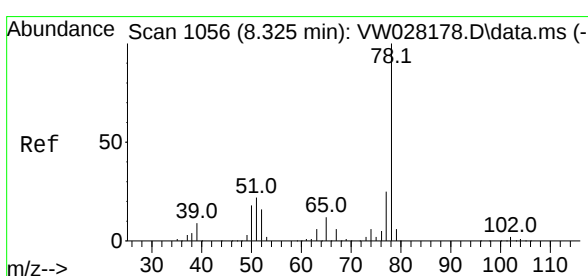
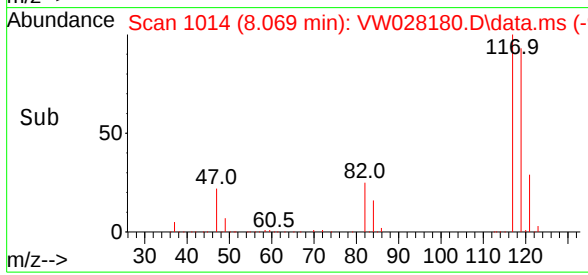
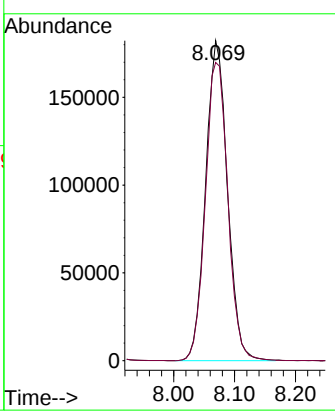
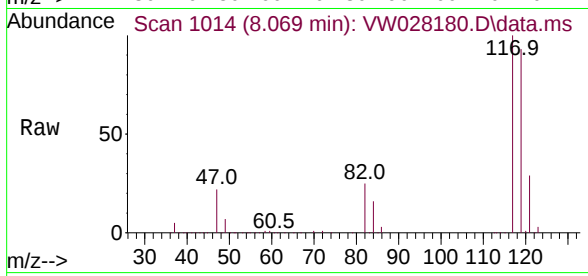




#31
Carbon tetrachloride
Concen: 97.142 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. 0.000 min
Lab File: VW028180.D
Acq: 14 Mar 2024 14:57

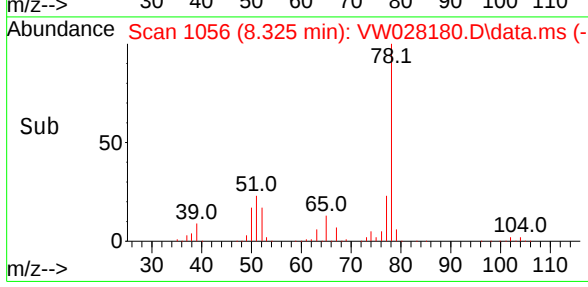
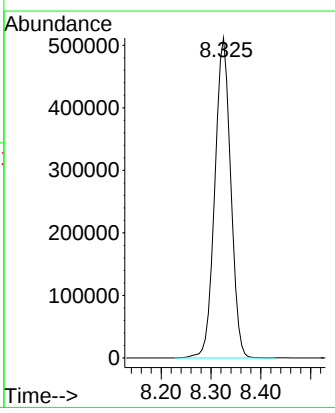
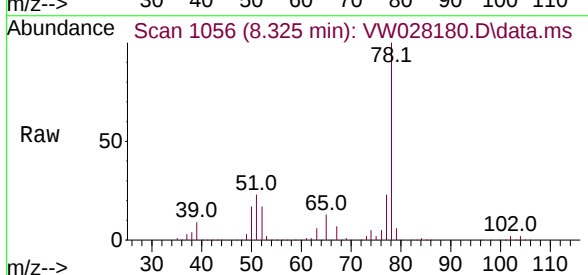
Instrument :
MSVOA_W
ClientSampleId :

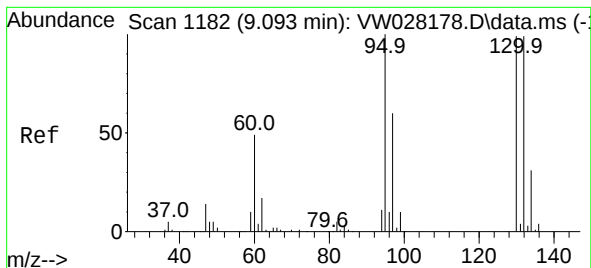
Tgt Ion:117 Resp: 453443
Ion Ratio Lower Upper
117 100
119 96.2 78.2 117.4



#33
Benzene
Concen: 97.126 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VW028180.D
Acq: 14 Mar 2024 14:57

Tgt Ion: 78 Resp: 1134613





#34

Trichloroethene

Concen: 95.965 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.000 min

Lab File: VW028180.D

Acq: 14 Mar 2024 14:57

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 312766

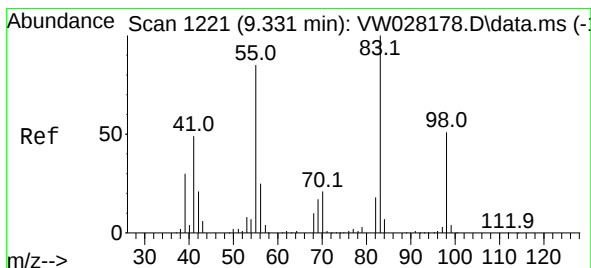
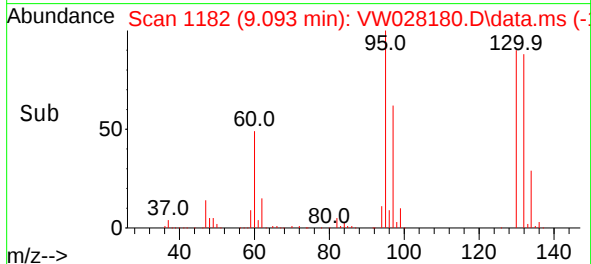
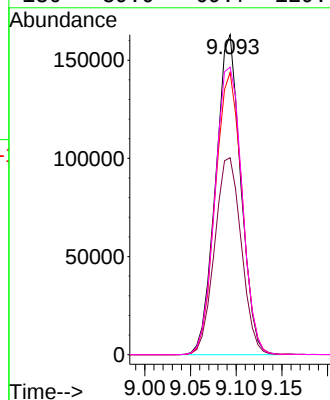
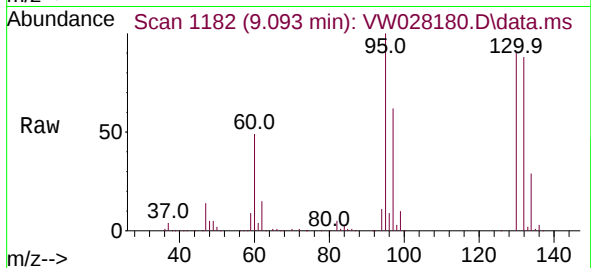
Ion Ratio Lower Upper

95 100

97 61.5 42.4 78.6

132 88.2 69.4 128.8

130 89.9 69.7 129.4



#35

Methylcyclohexane

Concen: 96.903 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.006 min

Lab File: VW028180.D

Acq: 14 Mar 2024 14:57

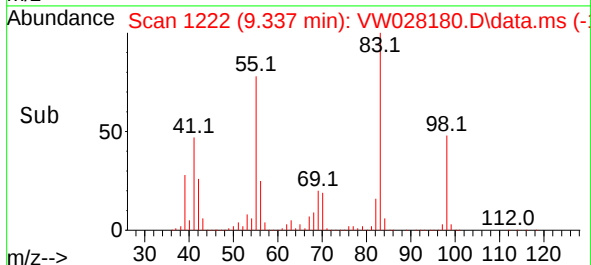
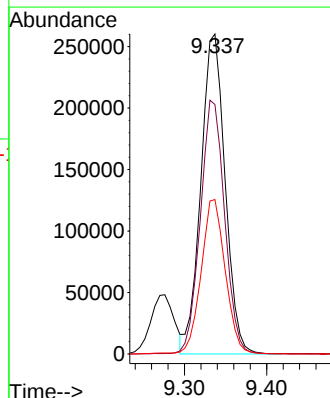
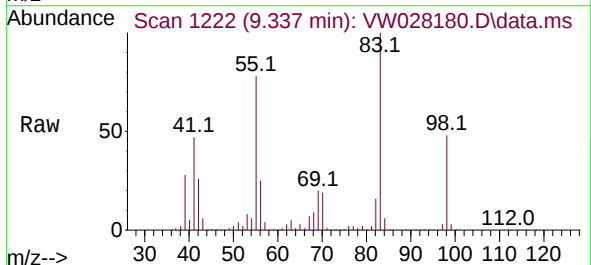
Tgt Ion: 83 Resp: 533836

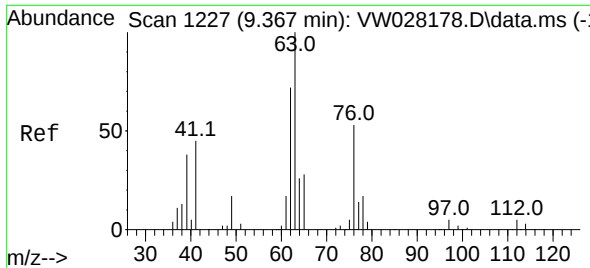
Ion Ratio Lower Upper

83 100

55 79.2 64.2 96.4

98 47.9 38.3 57.5





#37

1,2-Dichloropropane

Concen: 96.299 ug/L

RT: 9.368 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VW028180.D

Acq: 14 Mar 2024 14:57

Instrument :

MSVOA_W

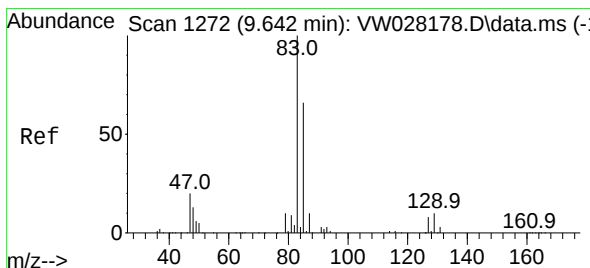
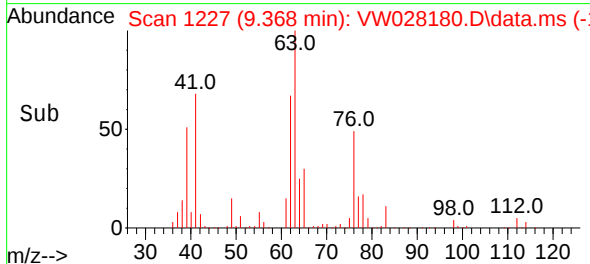
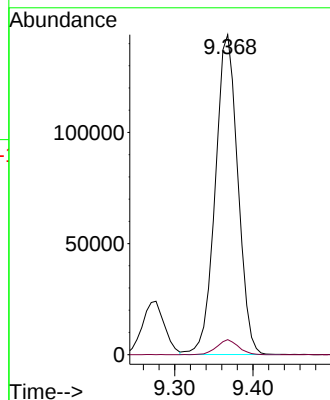
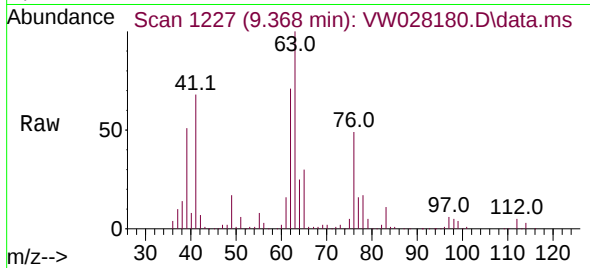
ClientSampleId :

Tgt Ion: 63 Resp: 287740

Ion Ratio Lower Upper

63 100

112 4.5 3.8 5.8



#38

Bromodichloromethane

Concen: 99.216 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW028180.D

Acq: 14 Mar 2024 14:57

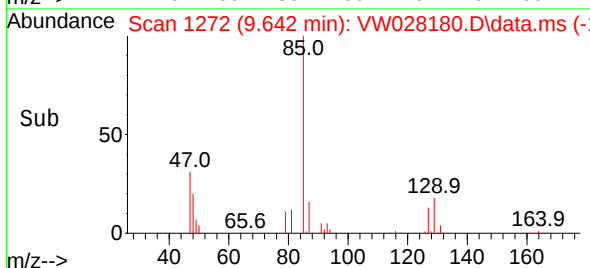
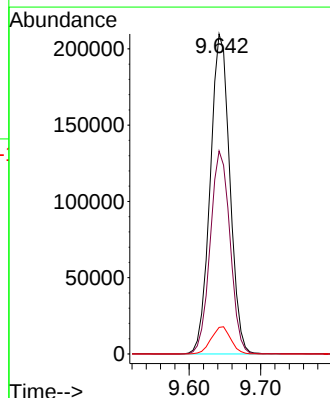
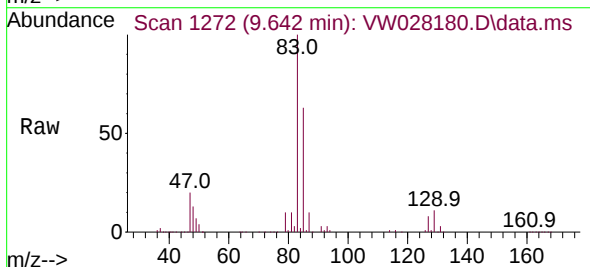
Tgt Ion: 83 Resp: 399694

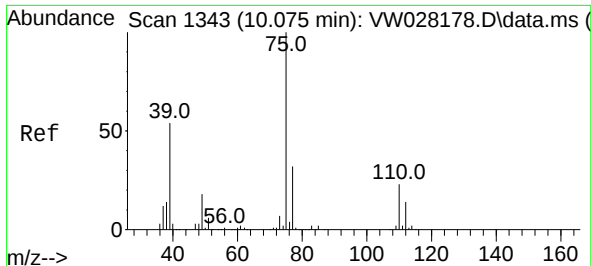
Ion Ratio Lower Upper

83 100

85 63.5 45.8 85.2

127 8.3 6.5 9.7





#39

cis-1,3-Dichloropropene

Concen: 104.505 ug/L

RT: 10.069 min Scan# 1342

Delta R.T. -0.006 min

Lab File: VW028180.D

Acq: 14 Mar 2024 14:57

Instrument :

MSVOA_W

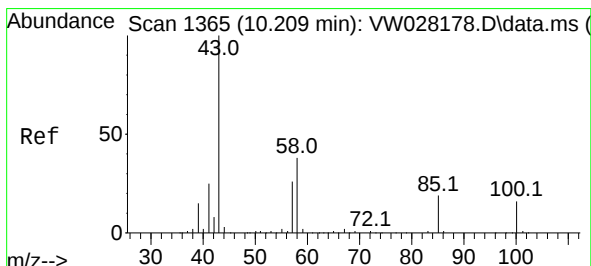
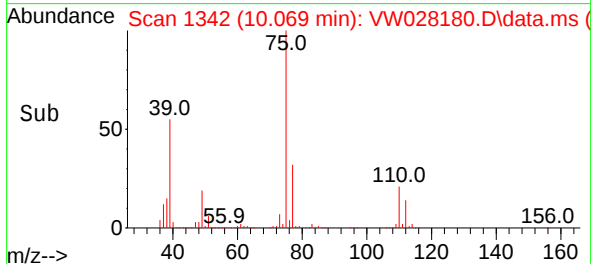
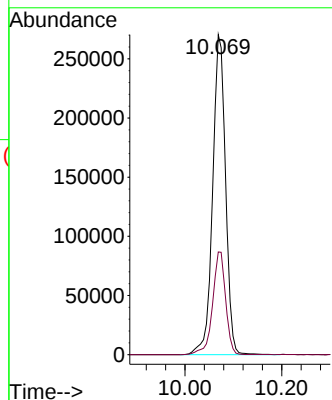
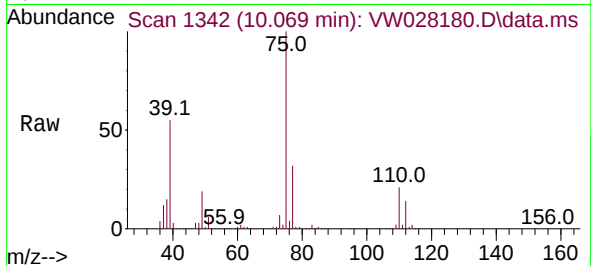
ClientSampleId :

Tgt Ion: 75 Resp: 500079

Ion Ratio Lower Upper

75 100

77 32.1 22.5 41.7



#40

4-Methyl-2-pentanone

Concen: 204.860 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW028180.D

Acq: 14 Mar 2024 14:57

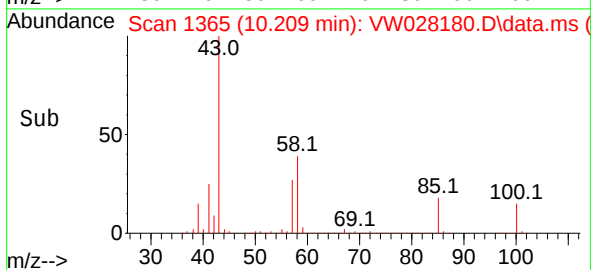
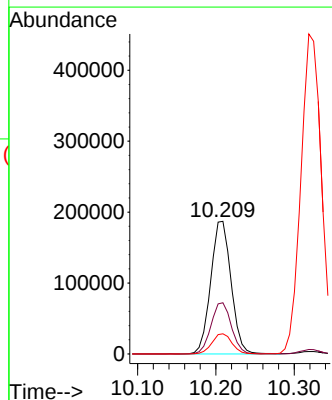
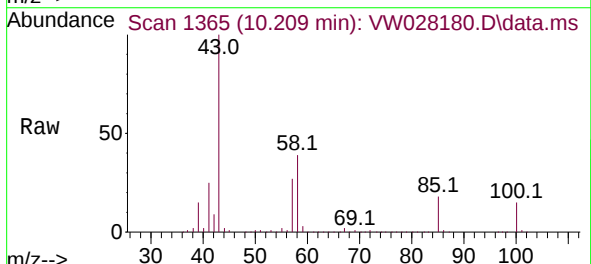
Tgt Ion: 43 Resp: 337879

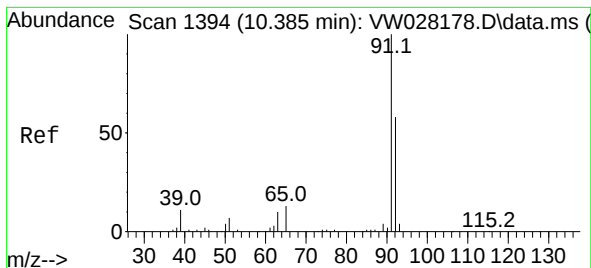
Ion Ratio Lower Upper

43 100

58 38.6 30.1 45.1

100 15.0 11.8 17.8





#42

Toluene

Concen: 98.168 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. 0.000 min

Lab File: VW028180.D

Acq: 14 Mar 2024 14:57

Instrument :

MSVOA_W

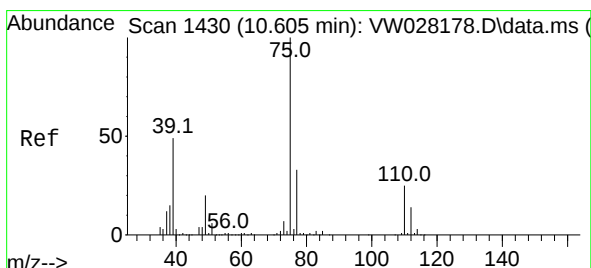
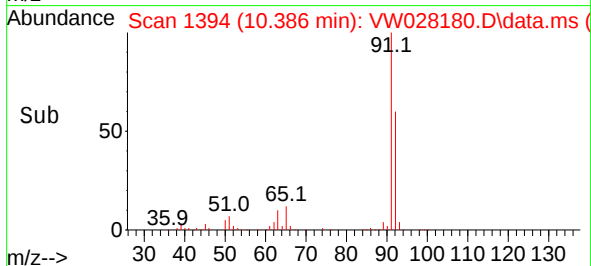
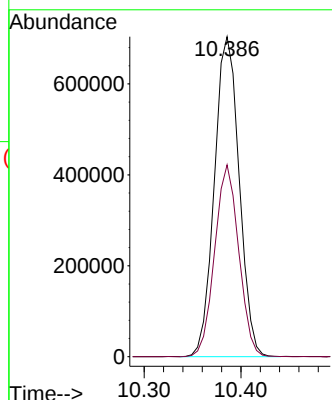
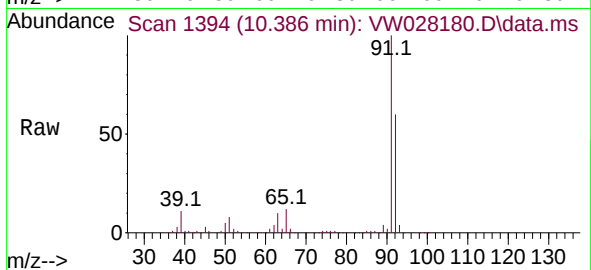
ClientSampleId :

Tgt Ion: 91 Resp: 1251583

Ion Ratio Lower Upper

91 100

92 60.0 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 106.602 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VW028180.D

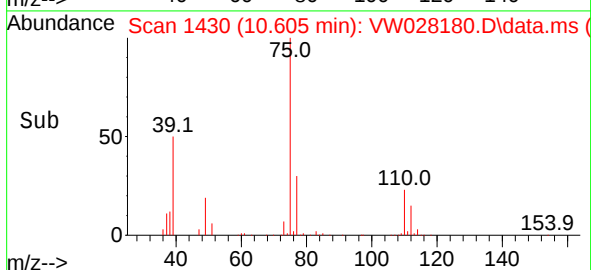
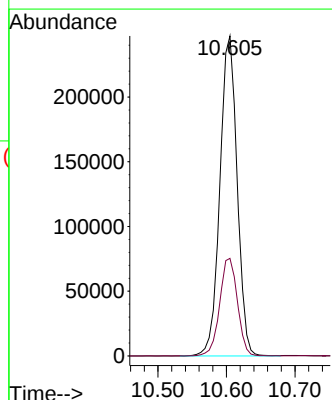
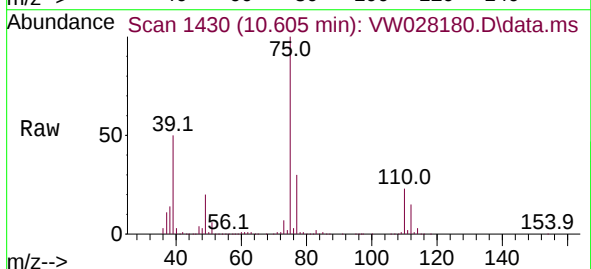
Acq: 14 Mar 2024 14:57

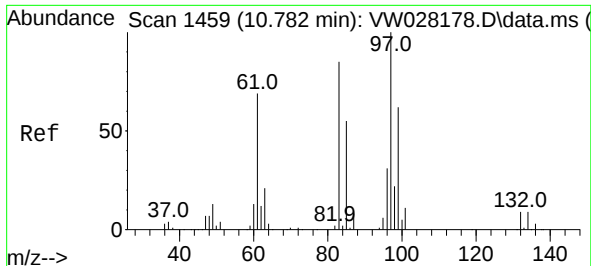
Tgt Ion: 75 Resp: 430677

Ion Ratio Lower Upper

75 100

77 30.5 23.0 42.6





#45

1,1,2-Trichloroethane

Concen: 97.377 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. 0.000 min

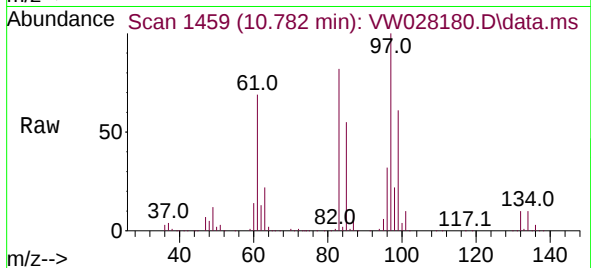
Lab File: VW028180.D

Acq: 14 Mar 2024 14:57

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 97 Resp: 210222

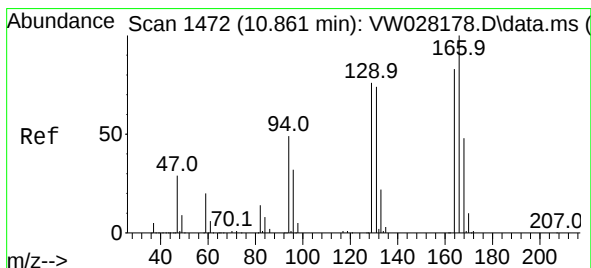
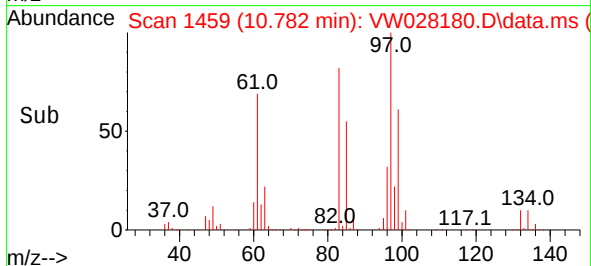
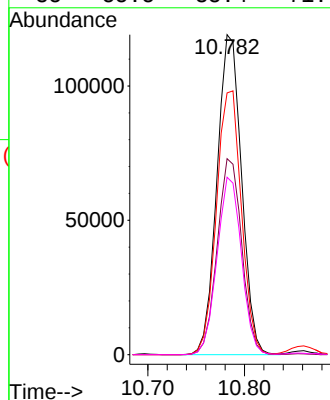
Ion Ratio Lower Upper

97 100

99 61.2 43.4 80.6

83 81.8 59.4 110.4

85 55.5 38.4 71.4



#46

Tetrachloroethene

Concen: 95.147 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VW028180.D

Acq: 14 Mar 2024 14:57

Tgt Ion:164 Resp: 249966

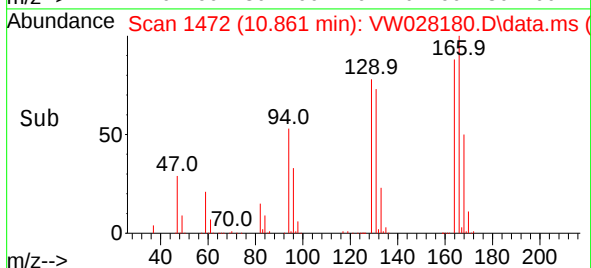
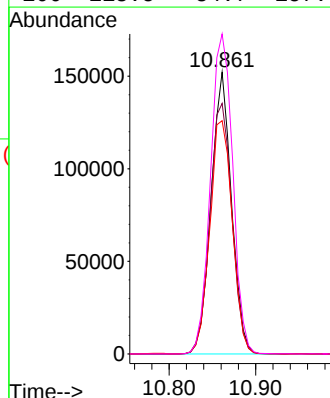
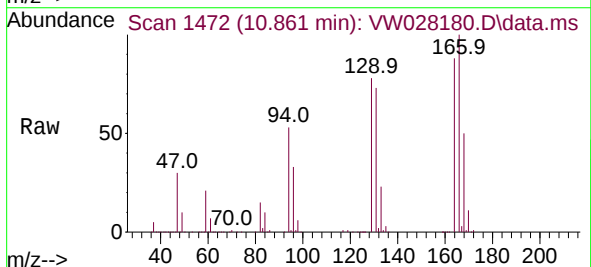
Ion Ratio Lower Upper

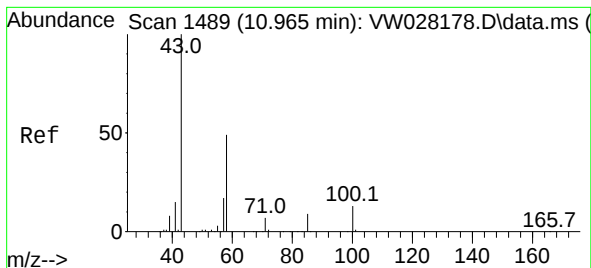
164 100

129 88.9 64.0 119.0

131 82.8 62.6 116.3

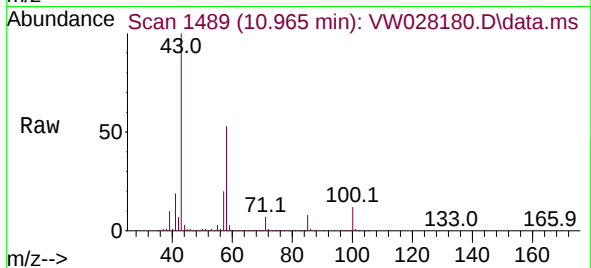
166 113.5 84.7 157.3



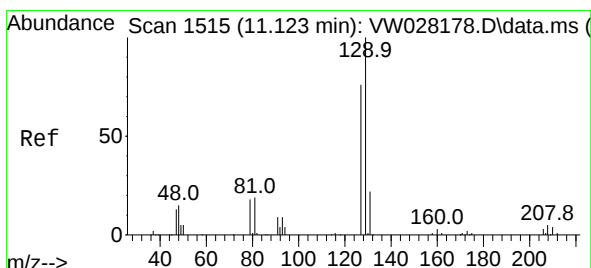
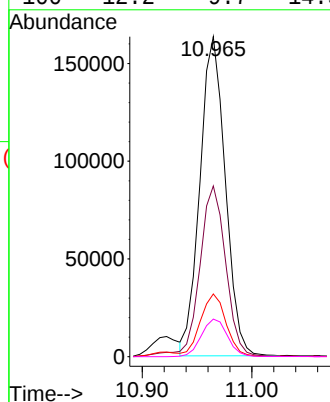
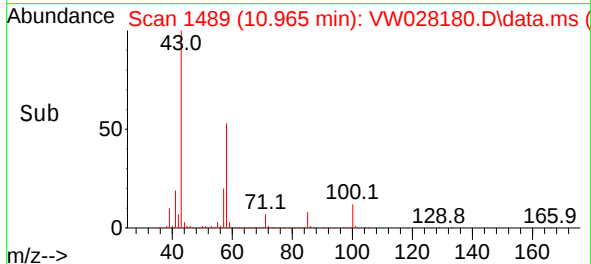


#48
2-Hexanone
Concen: 203.217 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW028180.D
Acq: 14 Mar 2024 14:57

Instrument :
MSVOA_W
ClientSampleId :

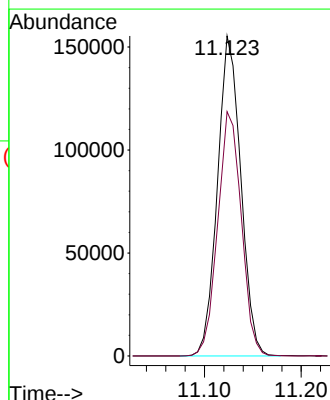
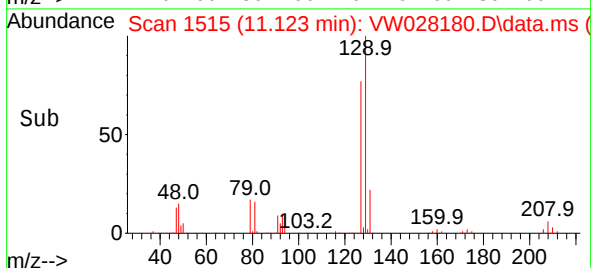
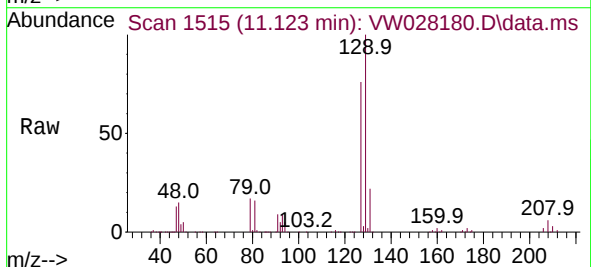


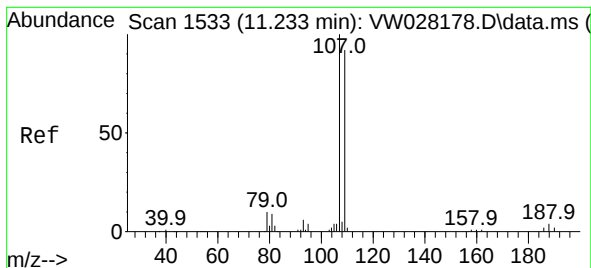
Tgt Ion: 43 Resp: 262551
Ion Ratio Lower Upper
43 100
58 53.8 40.6 61.0
57 20.0 15.7 23.5
100 12.2 9.7 14.5



#49
Dibromochloromethane
Concen: 101.730 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. 0.000 min
Lab File: VW028180.D
Acq: 14 Mar 2024 14:57

Tgt Ion:129 Resp: 260099
Ion Ratio Lower Upper
129 100
127 76.3 53.1 98.7

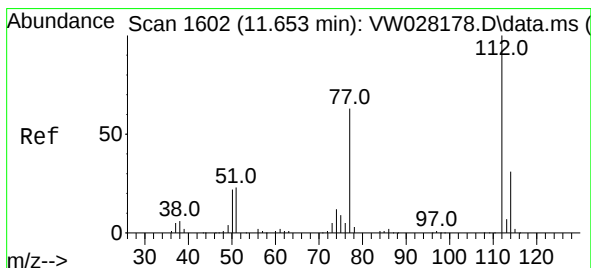
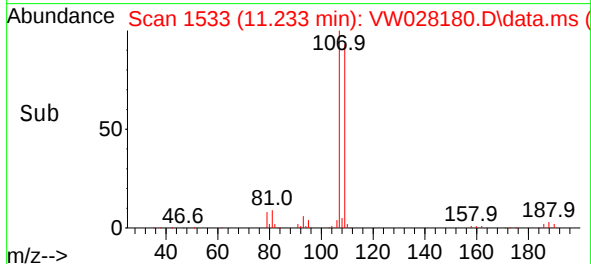
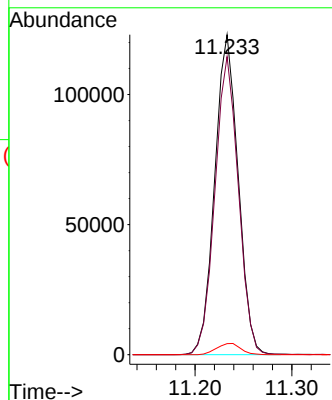
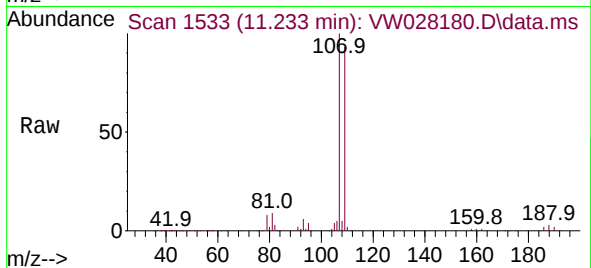




#50
1,2-Dibromoethane
Concen: 100.356 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. 0.000 min
Lab File: VW028180.D
Acq: 14 Mar 2024 14:57

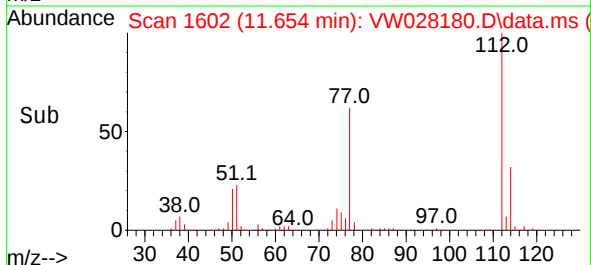
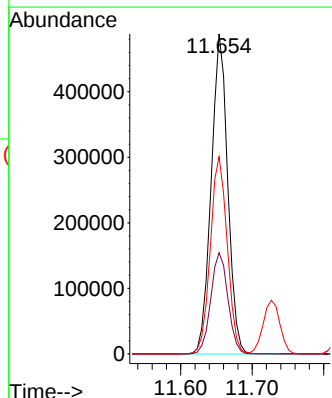
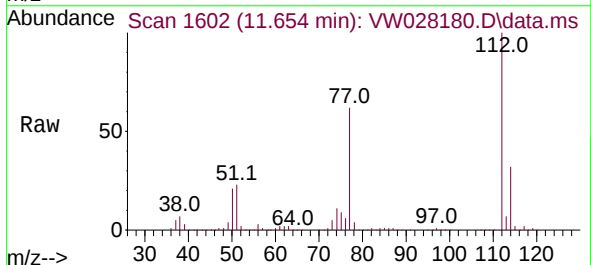
Instrument :
MSVOA_W
ClientSampleId :

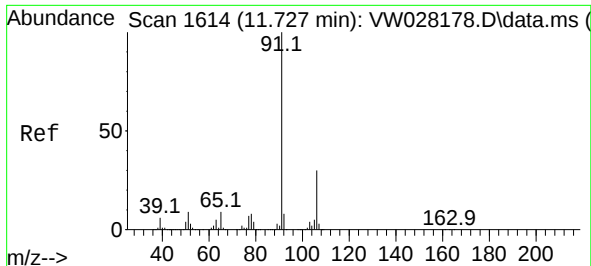
Tgt Ion:107 Resp: 207161
Ion Ratio Lower Upper
107 100
109 93.1 64.4 119.6
188 3.5 3.4 5.2



#51
Chlorobenzene
Concen: 96.691 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VW028180.D
Acq: 14 Mar 2024 14:57

Tgt Ion:112 Resp: 782460
Ion Ratio Lower Upper
112 100
114 31.7 21.8 40.6
77 61.6 50.6 76.0

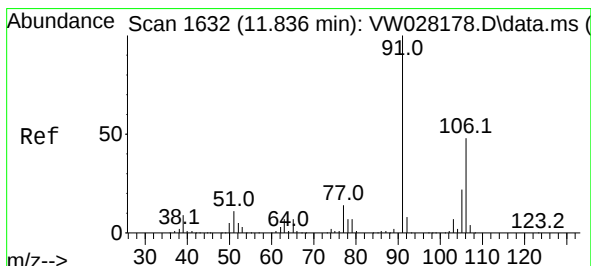
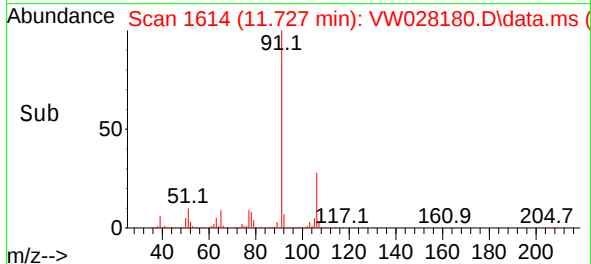
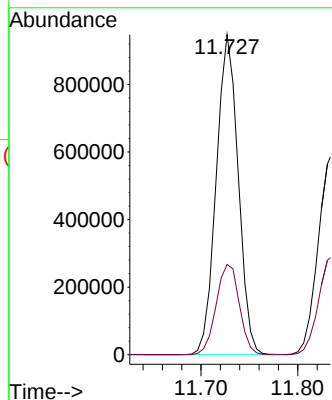
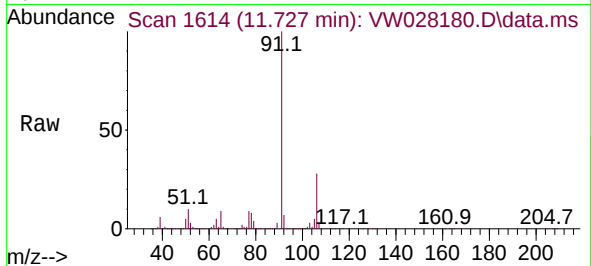




#52
Ethylbenzene
Concen: 100.423 ug/L
RT: 11.727 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW028180.D
Acq: 14 Mar 2024 14:57

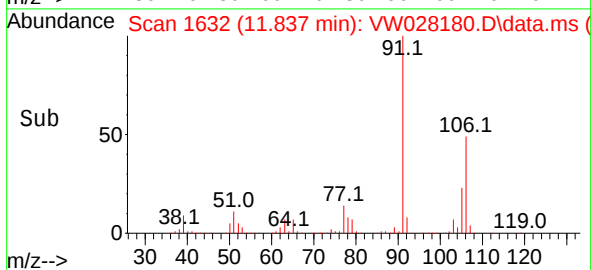
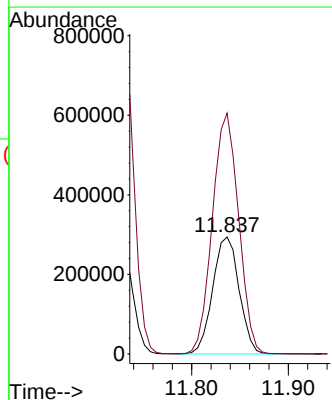
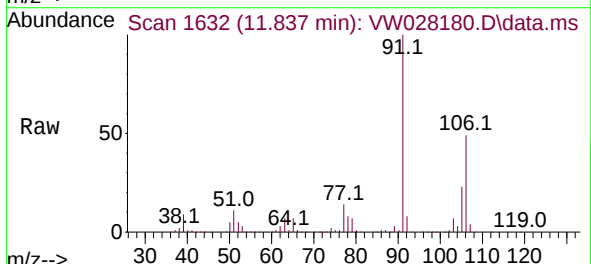
Instrument :
MSVOA_W
ClientSampleId :

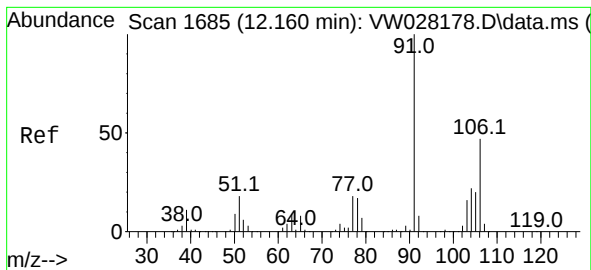
Tgt Ion: 91 Resp: 1494618
Ion Ratio Lower Upper
91 100
106 28.2 21.3 39.5



#53
m,p-Xylene
Concen: 99.320 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW028180.D
Acq: 14 Mar 2024 14:57

Tgt Ion:106 Resp: 556262
Ion Ratio Lower Upper
106 100
91 205.8 147.1 273.1

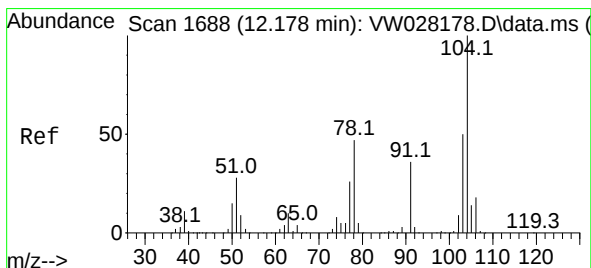
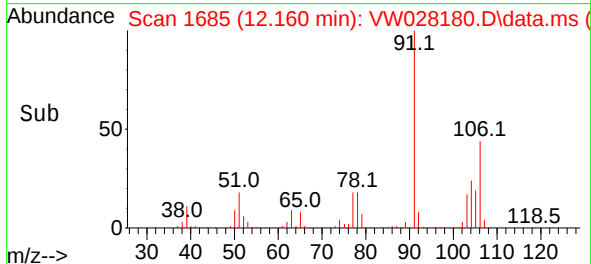
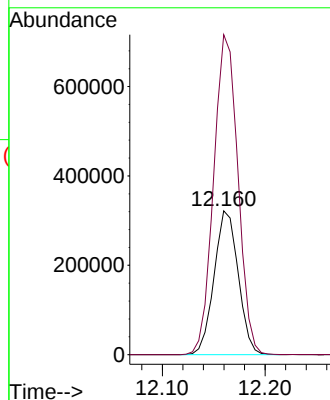
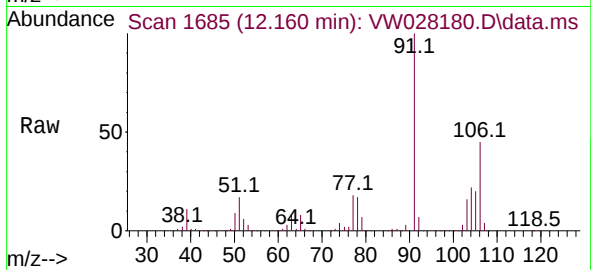




#54
o-Xylene
Concen: 100.935 ug/L
RT: 12.160 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VW028180.D
Acq: 14 Mar 2024 14:57

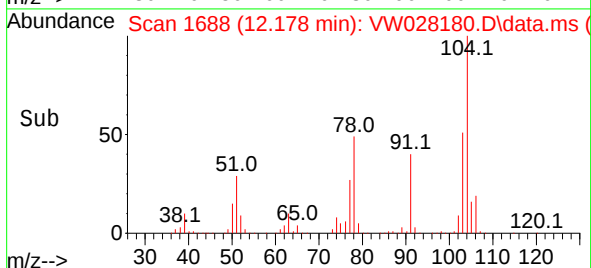
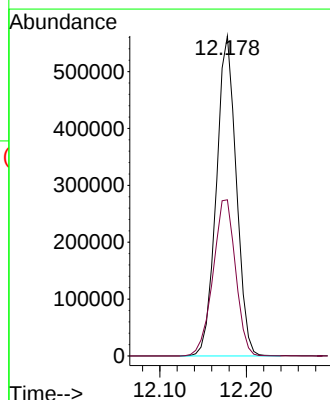
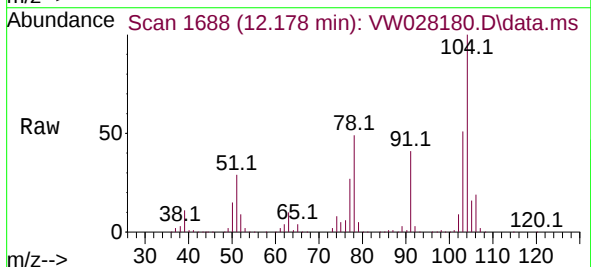
Instrument :
MSVOA_W
ClientSampleId :

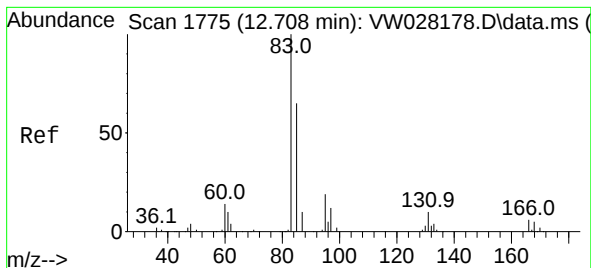
Tgt Ion:106 Resp: 524234
Ion Ratio Lower Upper
106 100
91 222.4 149.2 277.2



#55
Styrene
Concen: 100.771 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW028180.D
Acq: 14 Mar 2024 14:57

Tgt Ion:104 Resp: 898998
Ion Ratio Lower Upper
104 100
78 48.8 33.2 61.7





#57

1,1,2,2-Tetrachloroethane

Concen: 99.283 ug/L

RT: 12.708 min Scan# 1775

Delta R.T. 0.000 min

Lab File: VW028180.D

Acq: 14 Mar 2024 14:57

Instrument :

MSVOA_W

ClientSampleId :

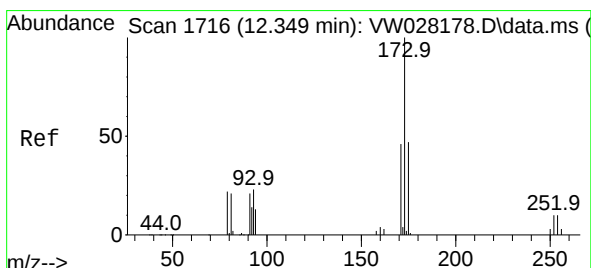
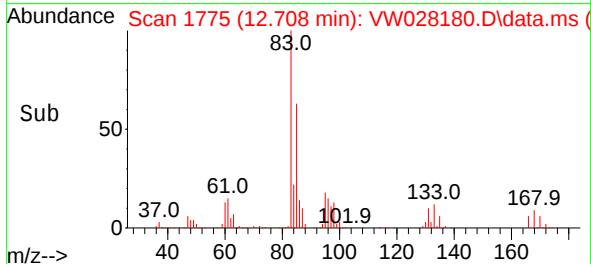
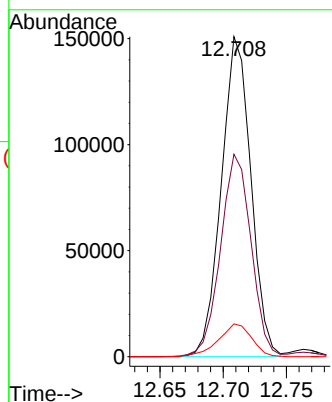
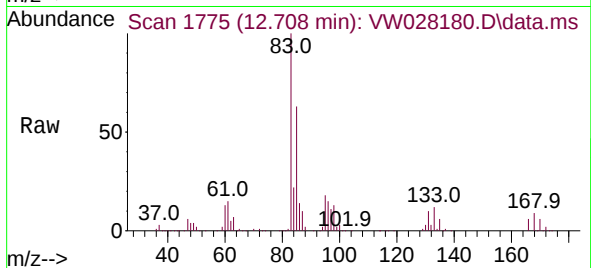
Tgt Ion: 83 Resp: 245160

Ion Ratio Lower Upper

83 100

85 63.2 47.0 87.2

131 10.2 8.9 13.3



#59

Bromoform

Concen: 104.812 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VW028180.D

Acq: 14 Mar 2024 14:57

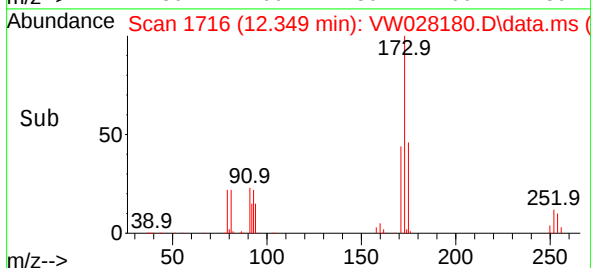
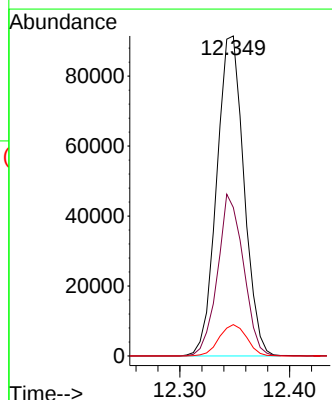
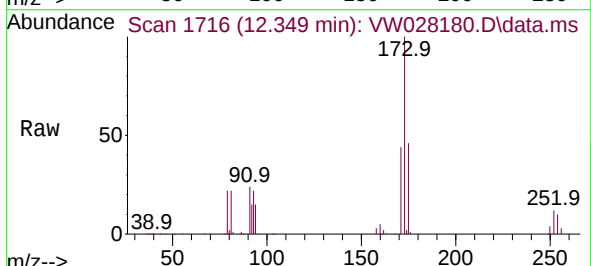
Tgt Ion:173 Resp: 158041

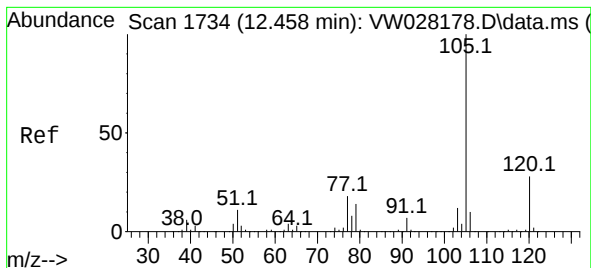
Ion Ratio Lower Upper

173 100

175 48.0 39.8 59.6

254 9.9 8.5 12.7





#60

Isopropylbenzene

Concen: 99.995 ug/L

RT: 12.458 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW028180.D

Acq: 14 Mar 2024 14:57

Instrument :

MSVOA_W

ClientSampleId :

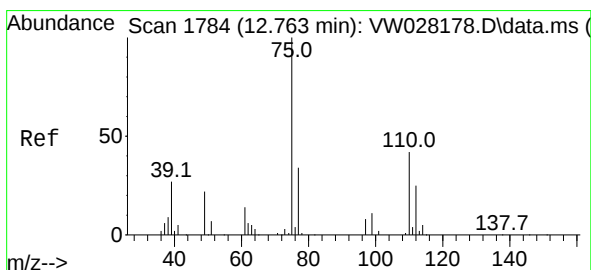
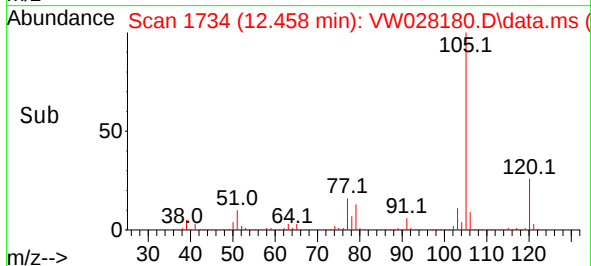
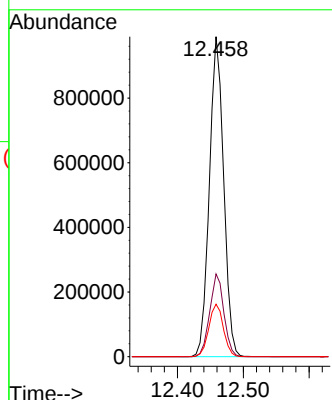
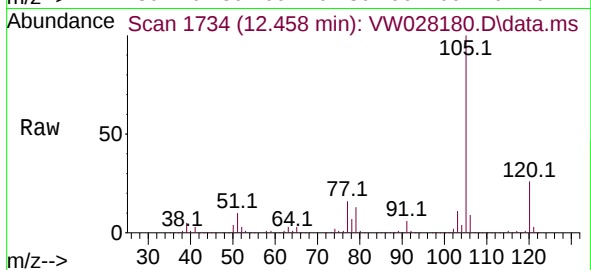
Tgt Ion:105 Resp: 1495003

Ion Ratio Lower Upper

105 100

120 25.6 21.0 31.6

77 16.7 13.7 20.5



#61

1,2,3-Trichloropropane

Concen: 94.061 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VW028180.D

Acq: 14 Mar 2024 14:57

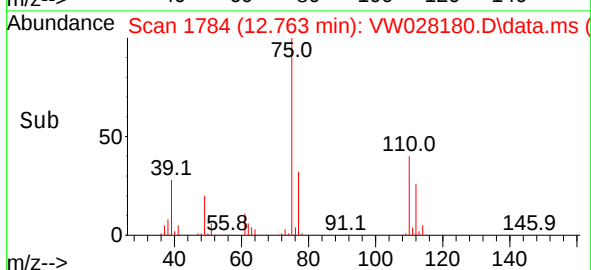
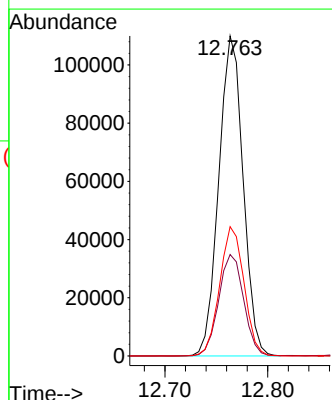
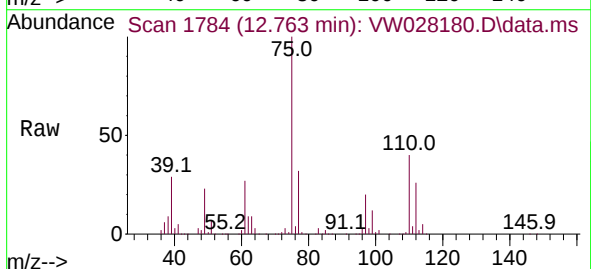
Tgt Ion: 75 Resp: 180642

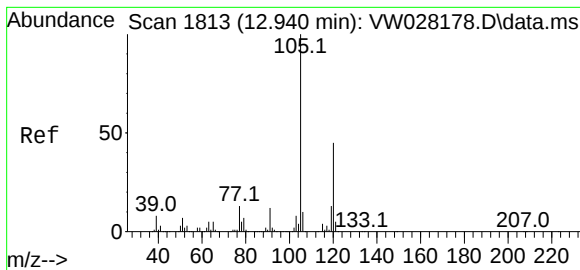
Ion Ratio Lower Upper

75 100

77 32.5 26.0 39.0

110 40.4 32.2 48.2

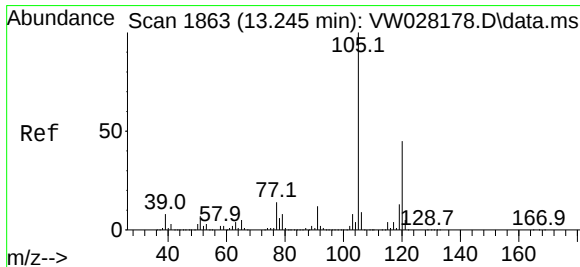
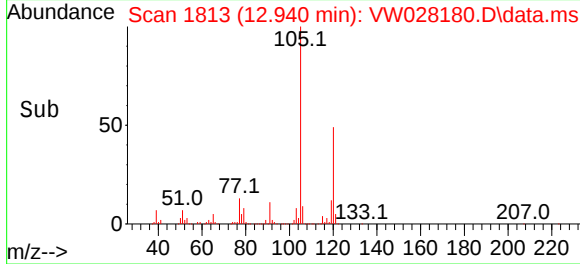
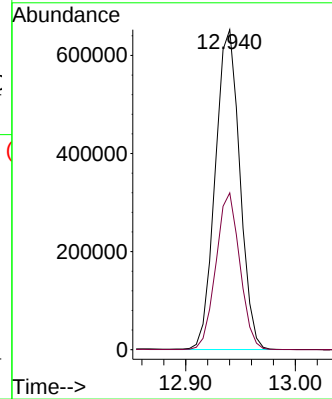
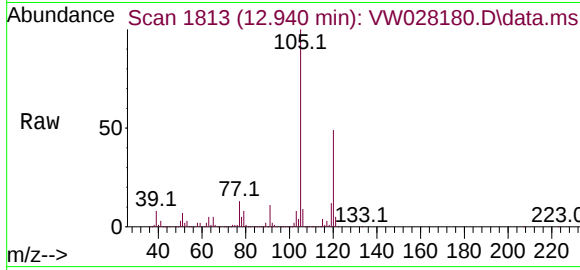




#62
1,3,5-Trimethylbenzene
Concen: 101.160 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW028180.D
Acq: 14 Mar 2024 14:57

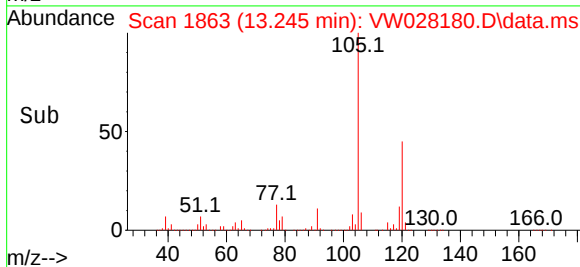
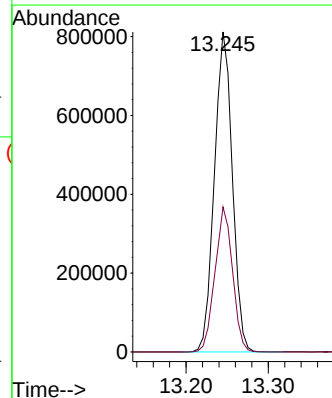
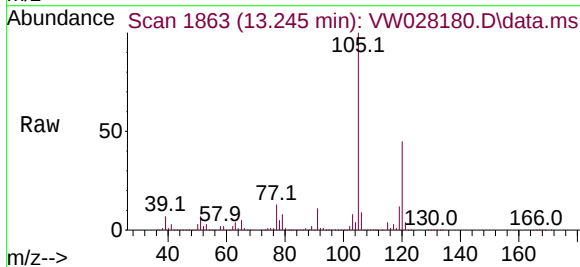
Instrument :
MSVOA_W
ClientSampleId :

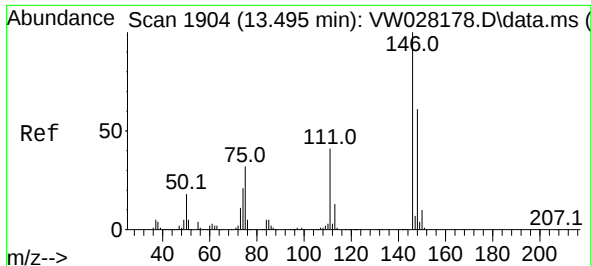
Tgt Ion:105 Resp: 1014800
Ion Ratio Lower Upper
105 100
120 47.8 38.2 57.2



#63
1,2,4-Trimethylbenzene
Concen: 101.561 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW028180.D
Acq: 14 Mar 2024 14:57

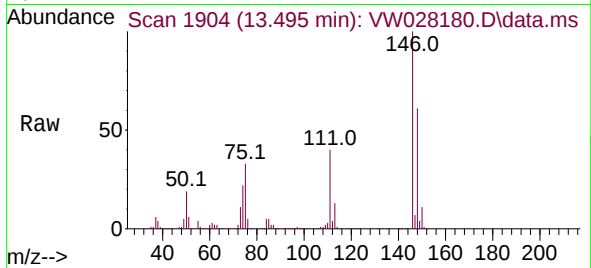
Tgt Ion:105 Resp: 1230207
Ion Ratio Lower Upper
105 100
120 44.4 35.6 53.4



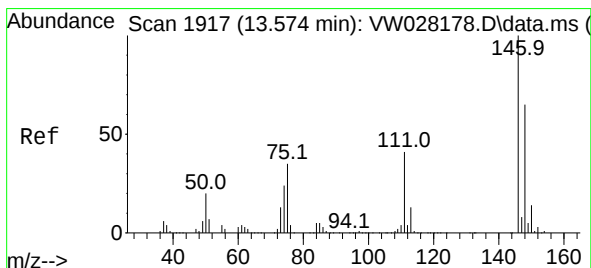
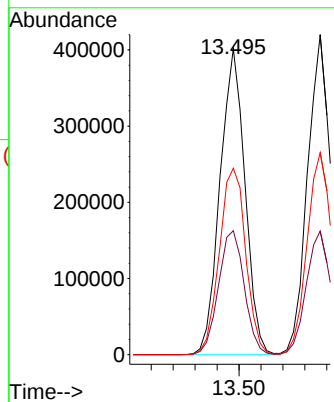
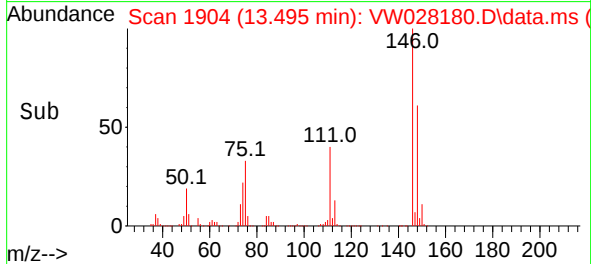


#64
1,3-Dichlorobenzene
Concen: 95.172 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW028180.D
Acq: 14 Mar 2024 14:57

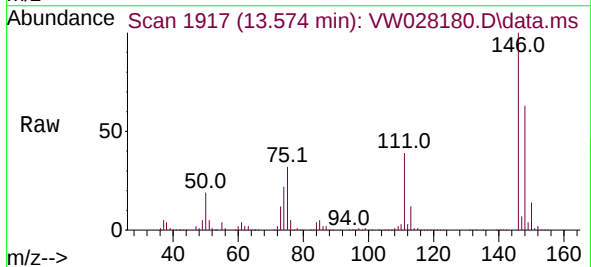
Instrument :
MSVOA_W
ClientSampleId :



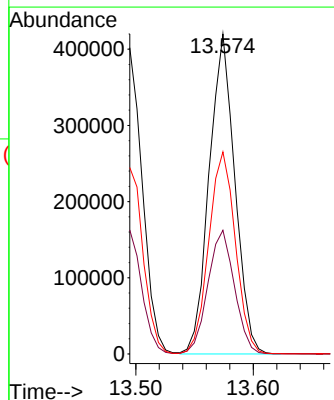
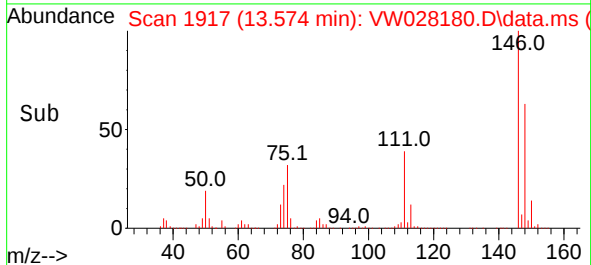
Tgt Ion:146 Resp: 634796
Ion Ratio Lower Upper
146 100
111 40.5 28.5 52.9
148 60.9 43.0 80.0

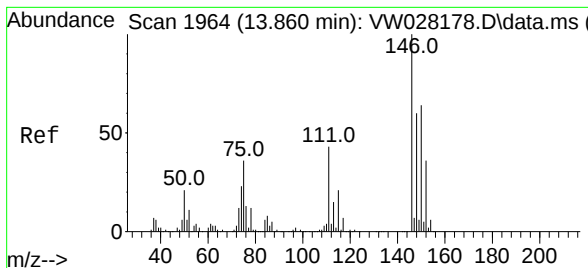


#65
1,4-Dichlorobenzene
Concen: 95.537 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW028180.D
Acq: 14 Mar 2024 14:57



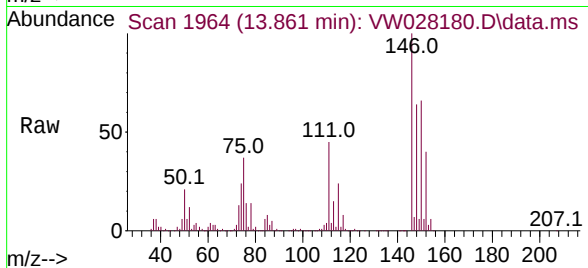
Tgt Ion:146 Resp: 637203
Ion Ratio Lower Upper
146 100
111 38.6 28.8 53.6
148 63.2 45.3 84.1



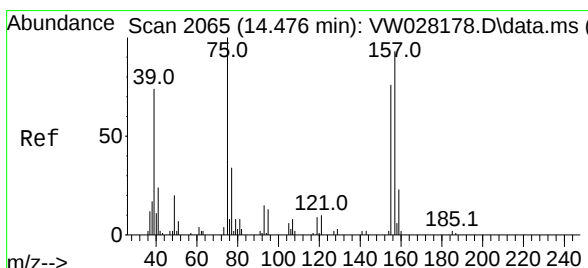
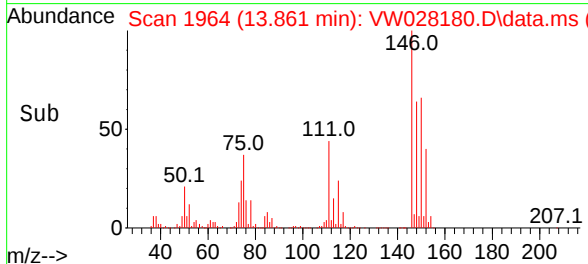
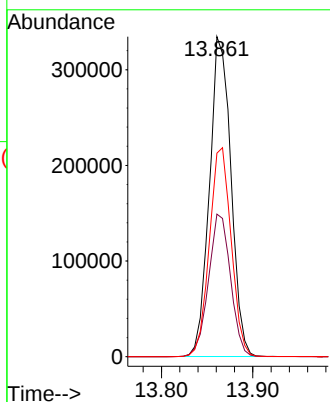


#67
1,2-Dichlorobenzene
Concen: 95.344 ug/L
RT: 13.861 min Scan# 1964
Delta R.T. 0.000 min
Lab File: VW028180.D
Acq: 14 Mar 2024 14:57

Instrument :
MSVOA_W
ClientSampleId :

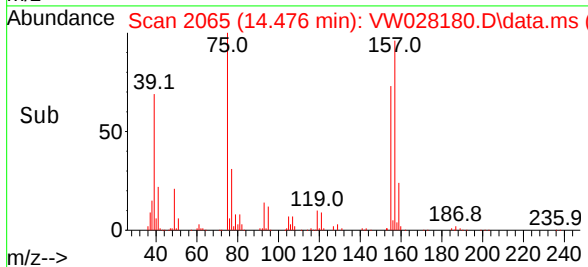
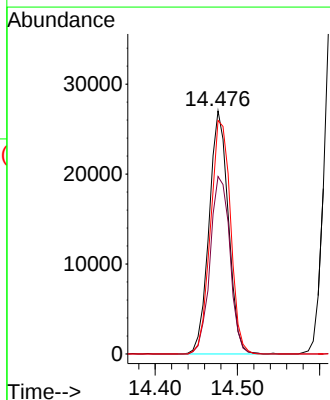
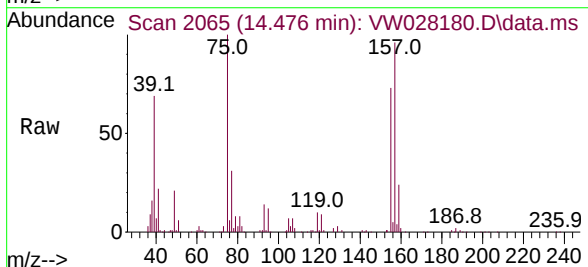


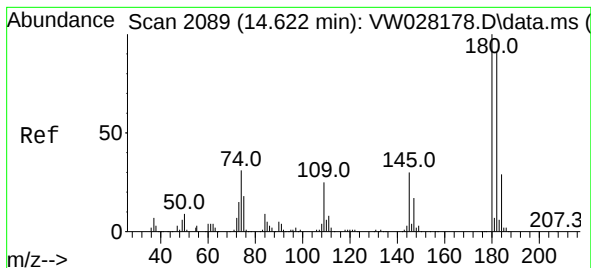
Tgt Ion:146 Resp: 547649
Ion Ratio Lower Upper
146 100
111 44.5 34.2 51.2
148 63.6 48.1 72.1



#68
1,2-Dibromo-3-chloropropane
Concen: 97.510 ug/L
RT: 14.476 min Scan# 2065
Delta R.T. 0.000 min
Lab File: VW028180.D
Acq: 14 Mar 2024 14:57

Tgt Ion: 75 Resp: 43990
Ion Ratio Lower Upper
75 100
155 73.0 61.1 91.7
157 96.1 74.2 111.4





#69

1,3,5-Trichlorobenzene

Concen: 95.424 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

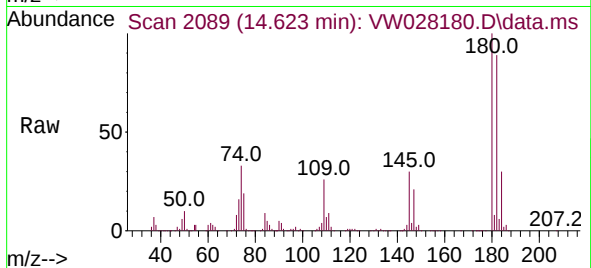
Lab File: VW028180.D

Acq: 14 Mar 2024 14:57

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 443349

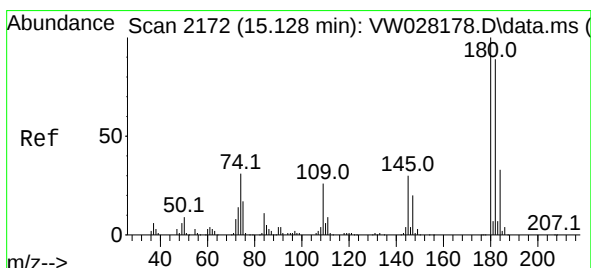
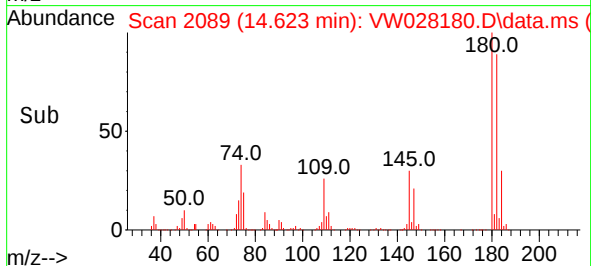
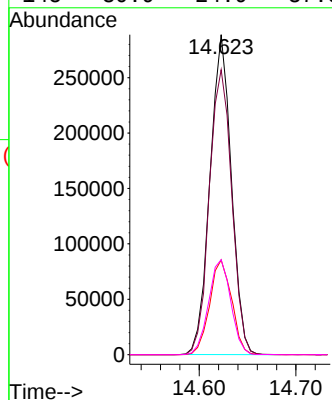
Ion Ratio Lower Upper

180 100

182 93.6 76.6 114.8

184 30.5 23.5 35.3

145 30.9 24.9 37.3



#70

1,2,4-trichlorobenzene

Concen: 96.469 ug/L

RT: 15.123 min Scan# 2171

Delta R.T. -0.006 min

Lab File: VW028180.D

Acq: 14 Mar 2024 14:57

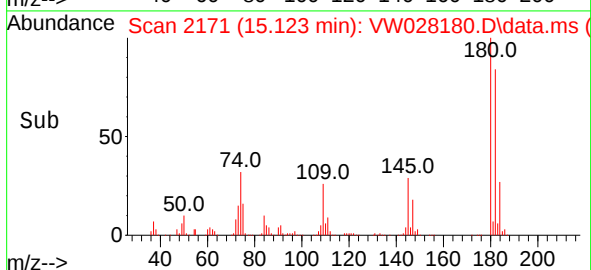
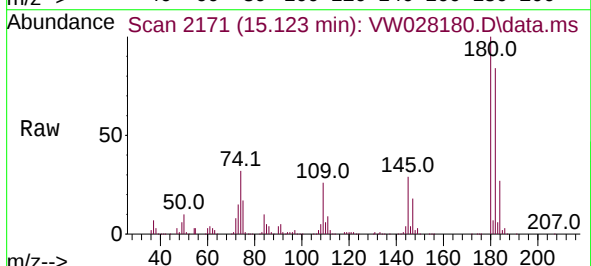
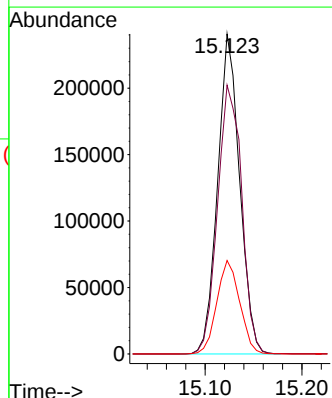
Tgt Ion:180 Resp: 380762

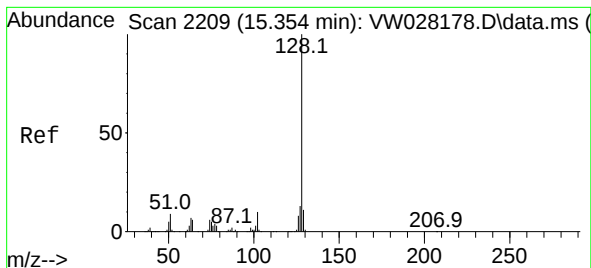
Ion Ratio Lower Upper

180 100

182 92.0 73.8 110.8

145 30.3 25.0 37.6





#71

Naphthalene

Concen: 101.656 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. 0.006 min

Lab File: VW028180.D

Acq: 14 Mar 2024 14:57

Instrument :

MSVOA_W

ClientSampleId :

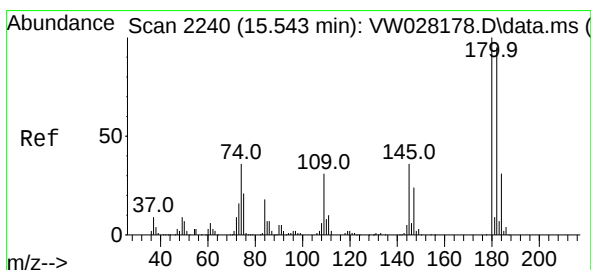
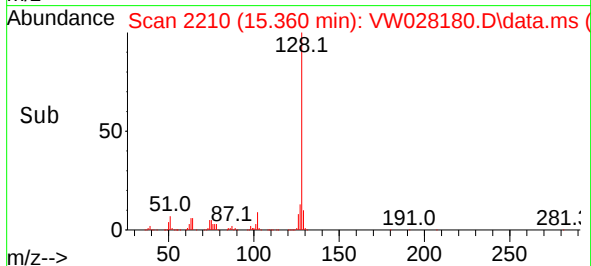
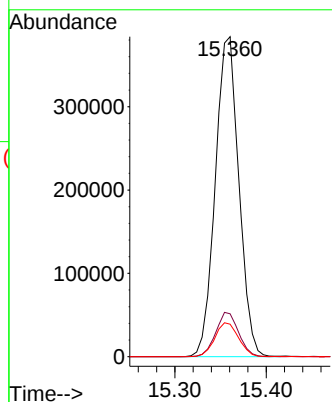
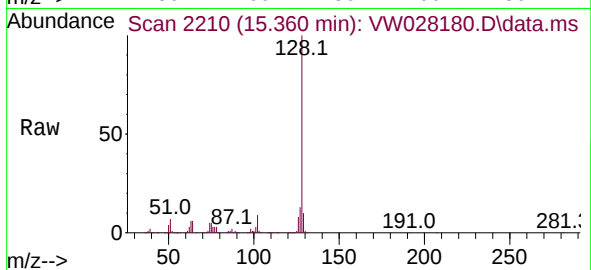
Tgt Ion:128 Resp: 688682

Ion Ratio Lower Upper

128 100

127 13.4 10.9 16.3

129 10.7 8.9 13.3



#72

1,2,3-Trichlorobenzene

Concen: 93.924 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. 0.006 min

Lab File: VW028180.D

Acq: 14 Mar 2024 14:57

Tgt Ion:180 Resp: 305610

Ion Ratio Lower Upper

180 100

182 93.6 76.0 114.0

145 33.8 27.1 40.7

