

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW110623\
 Data File : VW027540.D
 Acq On : 06 Nov 2023 10:07
 Operator : SY/MD
 Sample : VSTD050
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 07 00:26:29 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM110623SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Nov 07 00:24:09 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	439611	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	395074	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	189402	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	411116	51.653	ug/L	0.00
7) Chloroethane-d5	2.899	69	277077	50.509	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.027	65	174961	50.435	ug/L	0.00
21) 2-Butanone-d5	7.075	46	178634	103.611	ug/L	0.00
24) Chloroform-d	7.648	84	660738	51.516	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	334893	51.388	ug/L	0.00
32) Benzene-d6	8.276	84	1347756	51.025	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.276	67	420390	51.520	ug/L	0.00
41) Toluene-d8	10.325	98	1236087	52.305	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.575	79	173970	55.658	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	144686	116.498	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	297438	54.231	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.848	152	378762	52.611	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.021	85	240305	49.605	ug/L	95
3) Chloromethane	2.222	50	339054	52.202	ug/L	99
5) Vinyl chloride	2.375	62	368502	50.010	ug/L	100
6) Bromomethane	2.789	94	201346	49.534	ug/L	100
8) Chloroethane	2.936	64	210701	50.004	ug/L	95
9) Trichlorofluoromethane	3.271	101	287137	51.487	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	290999	52.220	ug/L	98
12) 1,1-Dichloroethene	4.045	96	285327	49.187	ug/L	93
13) Acetone	4.125	43	196774	108.060	ug/L	95
14) Carbon disulfide	4.387	76	991801	49.706	ug/L	100
15) Methyl Acetate	4.673	43	139983	51.994	ug/L	99
16) Methylene chloride	4.923	84	299672	41.766	ug/L	95
17) trans-1,2-Dichloroethene	5.429	96	302782	49.282	ug/L	97
18) Methyl tert-butyl Ether	5.429	73	455340	49.675	ug/L	99
19) 1,1-Dichloroethane	6.216	63	600169	49.068	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	330016	49.692	ug/L	99
22) 2-Butanone	7.173	43	239419	103.372	ug/L	99
23) Bromochloromethane	7.514	128	132060	47.825	ug/L	94
25) Chloroform	7.679	83	553545	48.744	ug/L	96
27) 1,2-Dichloroethane	8.398	62	374482	50.115	ug/L	97
29) Cyclohexane	7.959	56	607068	50.726	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	459158	49.657	ug/L	100
31) Carbon tetrachloride	8.075	117	412154	50.924	ug/L	99
33) Benzene	8.325	78	1283905	49.183	ug/L	100
34) Trichloroethene	9.093	95	328825	48.736	ug/L	97
35) Methylcyclohexane	9.337	83	612767	50.139	ug/L	100
37) 1,2-Dichloropropane	9.368	63	339504	49.463	ug/L	99
38) Bromodichloromethane	9.642	83	393377	50.386	ug/L	95
39) cis-1,3-Dichloropropene	10.075	75	528129	52.045	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	407073	106.211	ug/L	100
42) Toluene	10.386	91	1359372	50.192	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	434706	53.311	ug/L	99

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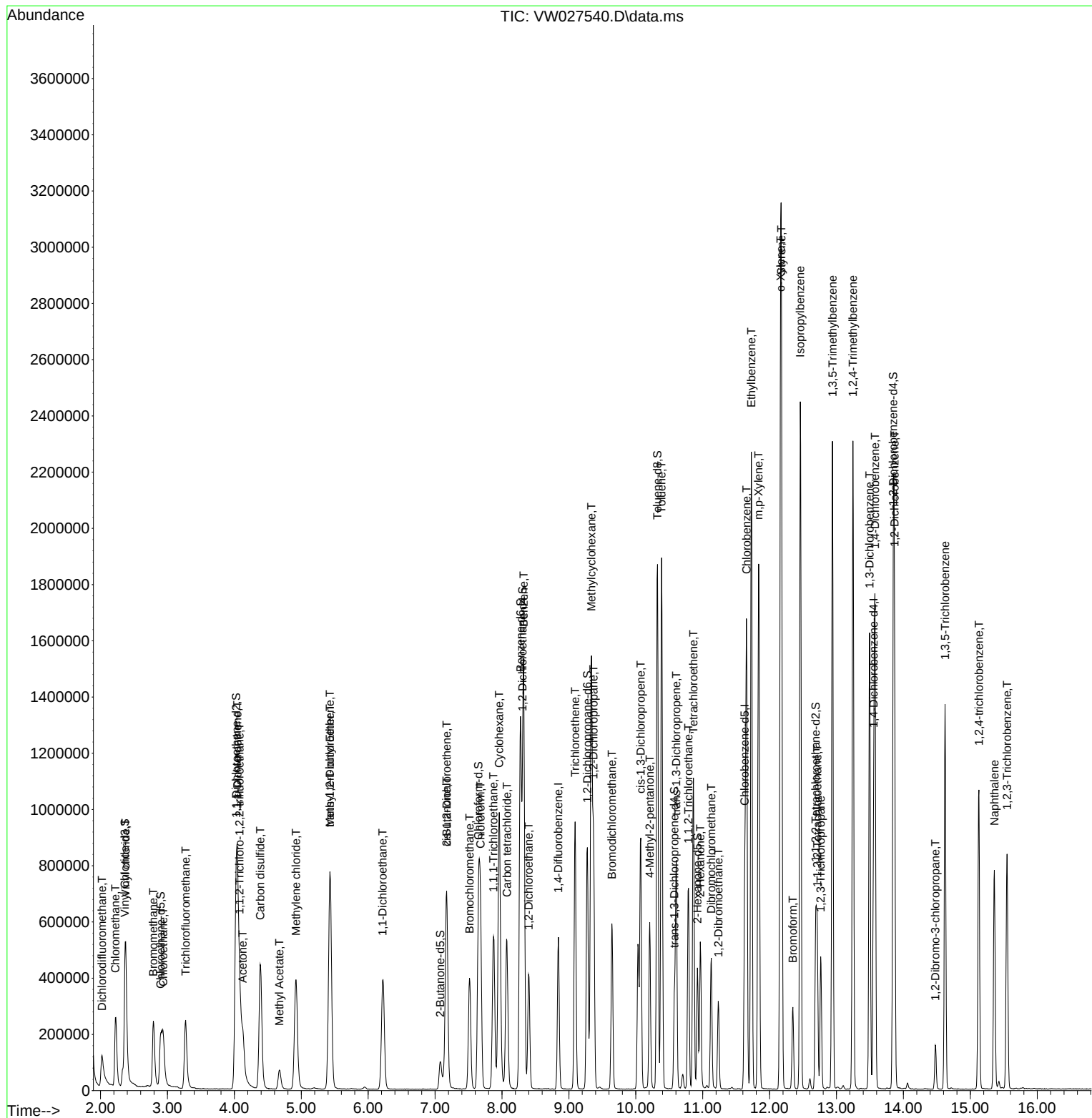
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.788	97	222207	49.792	ug/L	97
46) Tetrachloroethene	10.861	164	236088	48.758	ug/L	95
48) 2-Hexanone	10.965	43	342310	112.238	ug/L	99
49) Dibromochloromethane	11.129	129	233873	51.833	ug/L	97
50) 1,2-Dibromoethane	11.233	107	212945	50.917	ug/L #	99
51) Chlorobenzene	11.654	112	833932	50.030	ug/L	99
52) Ethylbenzene	11.727	91	1560146	50.510	ug/L	100
53) m,p-Xylene	11.837	106	575478	50.528	ug/L	99
54) o-Xylene	12.166	106	552834	51.270	ug/L	96
55) Styrene	12.178	104	936969	51.277	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.714	83	271344	51.899	ug/L	99
59) Bromoform	12.349	173	128453	52.544	ug/L	98
60) Isopropylbenzene	12.458	105	1547157	49.874	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	197650	50.587	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	1190892	50.351	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	1231046	50.859	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	628993	49.897	ug/L	95
65) 1,4-Dichlorobenzene	13.574	146	621318	49.200	ug/L	95
67) 1,2-Dichlorobenzene	13.867	146	532882	48.445	ug/L	92
68) 1,2-Dibromo-3-chloropr...	14.476	75	42040	48.206	ug/L	93
69) 1,3,5-Trichlorobenzene	14.623	180	392753	48.571	ug/L	94
70) 1,2,4-trichlorobenzene	15.129	180	321231	48.893	ug/L	94
71) Naphthalene	15.360	128	632867	51.731	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	268173	49.078	ug/L	96

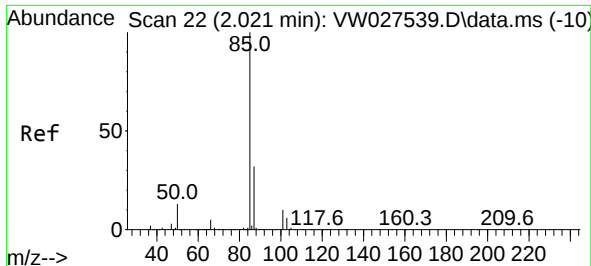
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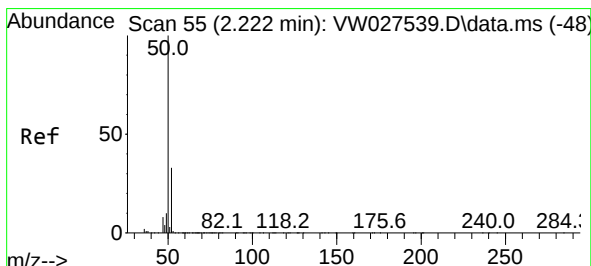
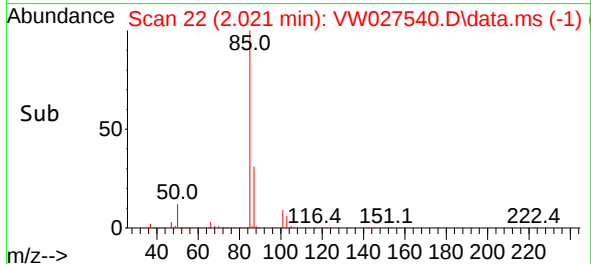
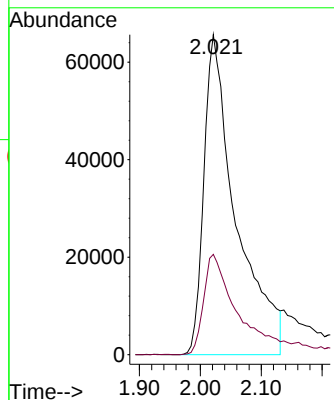
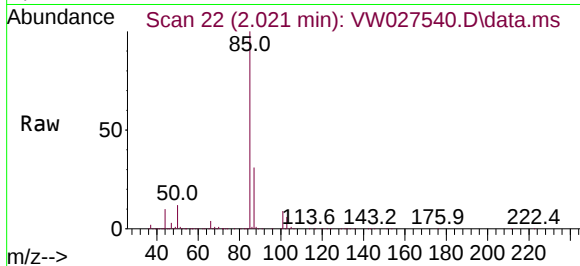




#2
Dichlorodifluoromethane
Concen: 49.605 ug/L
RT: 2.021 min Scan# 21
Delta R.T. 0.000 min
Lab File: VW027540.D
Acq: 06 Nov 2023 10:07

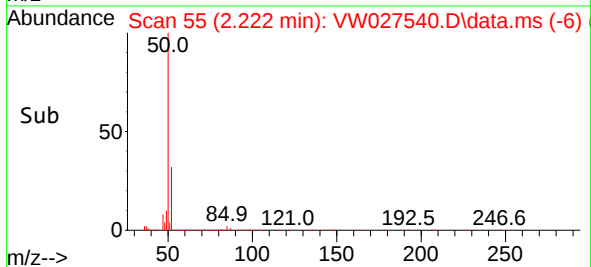
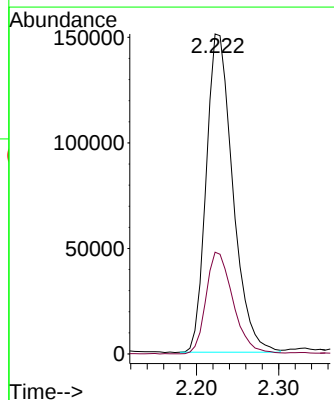
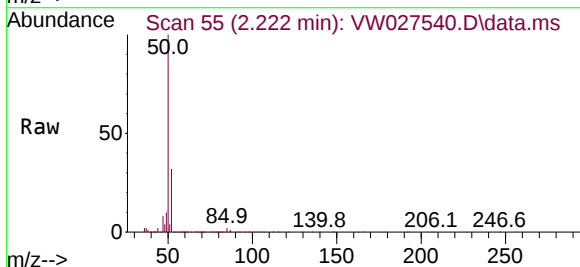
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ClientSampleId :

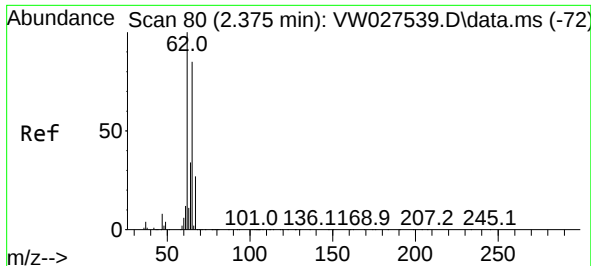
Tgt Ion: 85 Resp: 240305
Ion Ratio Lower Upper
85 100
87 33.4 24.5 36.7



#3
Chloromethane
Concen: 52.202 ug/L
RT: 2.222 min Scan# 55
Delta R.T. 0.000 min
Lab File: VW027540.D
Acq: 06 Nov 2023 10:07

Tgt Ion: 50 Resp: 339054
Ion Ratio Lower Upper
50 100
52 31.8 22.6 42.0

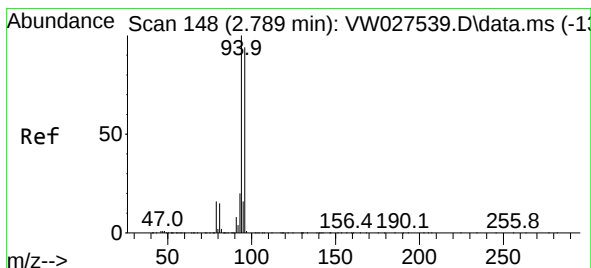
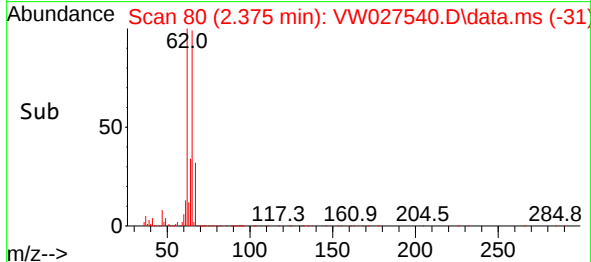
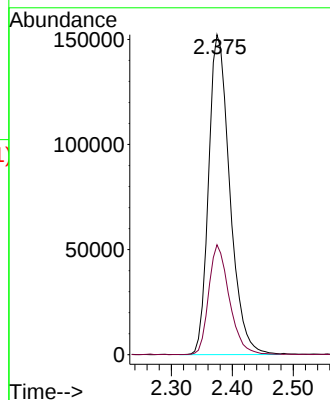
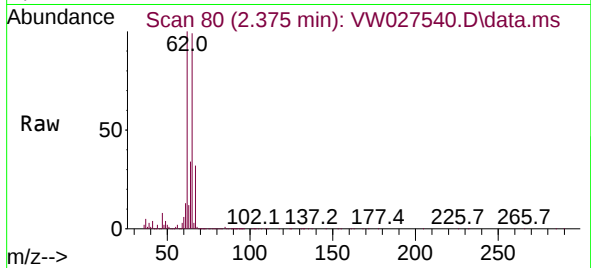




#5
 Vinyl chloride
 Concen: 50.010 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VW027540.D
 Acq: 06 Nov 2023 10:07

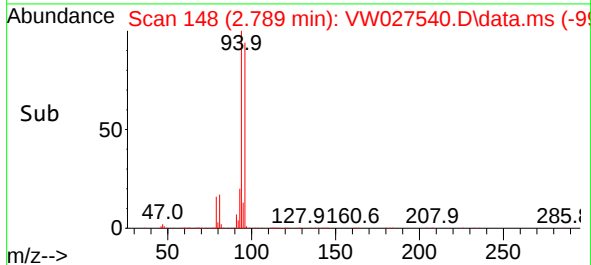
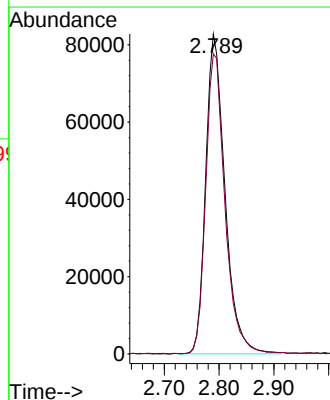
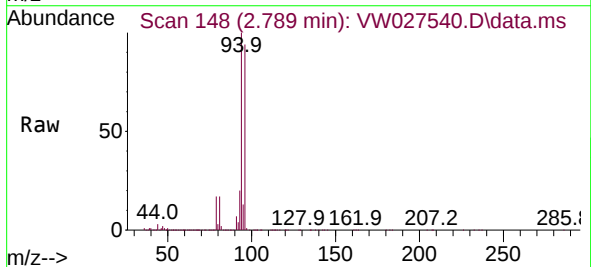
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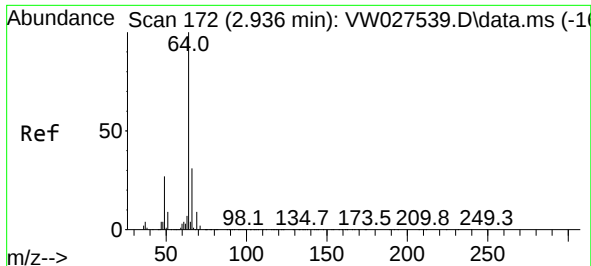
Tgt Ion: 62 Resp: 368502
 Ion Ratio Lower Upper
 62 100
 64 34.4 23.9 44.3



#6
 Bromomethane
 Concen: 49.534 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. 0.000 min
 Lab File: VW027540.D
 Acq: 06 Nov 2023 10:07

Tgt Ion: 94 Resp: 201346
 Ion Ratio Lower Upper
 94 100
 96 93.8 65.7 122.1

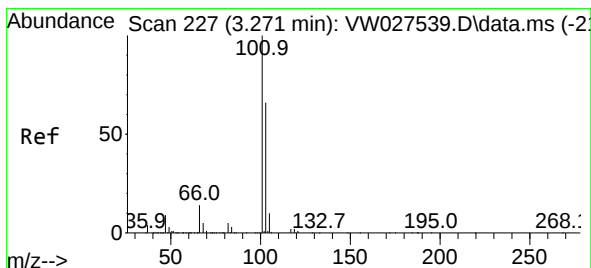
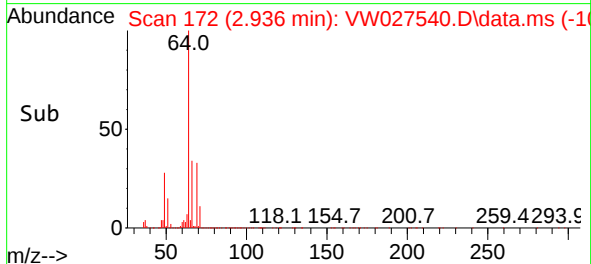
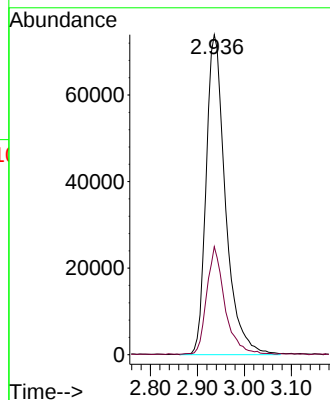
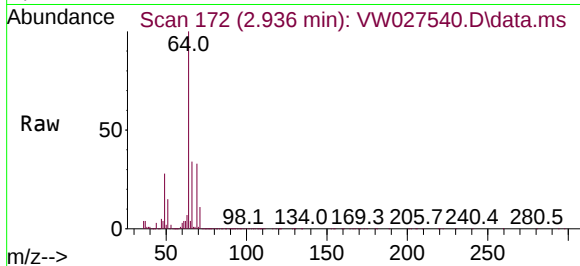




#8
Chloroethane
Concen: 50.004 ug/L
RT: 2.936 min Scan# 172
Delta R.T. 0.000 min
Lab File: VW027540.D
Acq: 06 Nov 2023 10:07

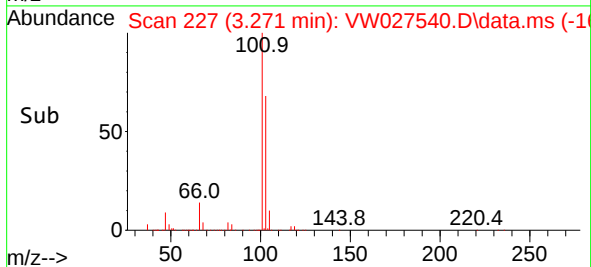
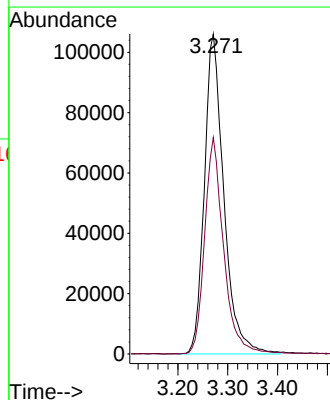
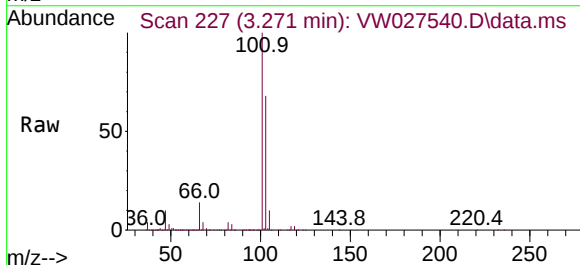
Instrument :
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ClientSampleId :

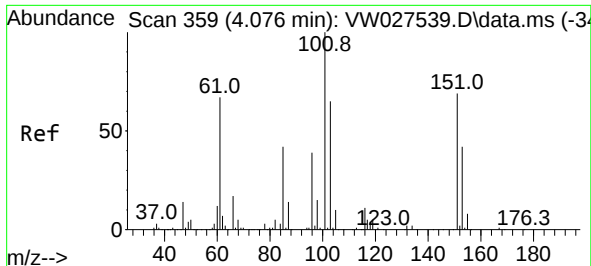
Tgt Ion: 64 Resp: 210701
Ion Ratio Lower Upper
64 100
66 33.7 21.8 40.6



#9
Trichlorofluoromethane
Concen: 51.487 ug/L
RT: 3.271 min Scan# 227
Delta R.T. 0.000 min
Lab File: VW027540.D
Acq: 06 Nov 2023 10:07

Tgt Ion: 101 Resp: 287137
Ion Ratio Lower Upper
101 100
103 65.8 52.6 78.8

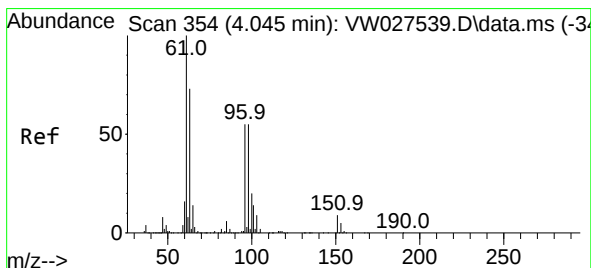
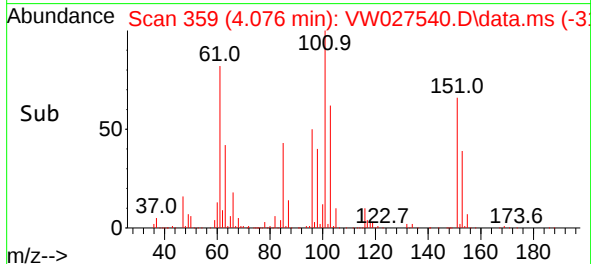
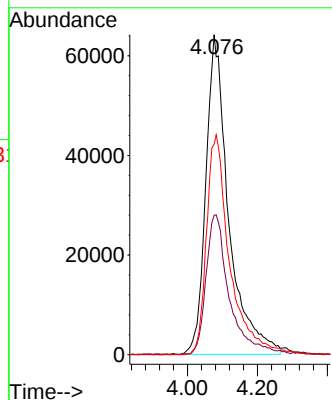
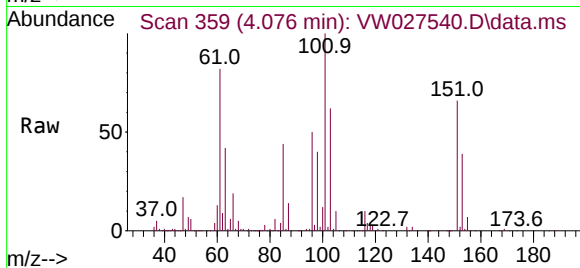




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 52.220 ug/L
 RT: 4.076 min Scan# 359
 Delta R.T. 0.000 min
 Lab File: VW027540.D
 Acq: 06 Nov 2023 10:07

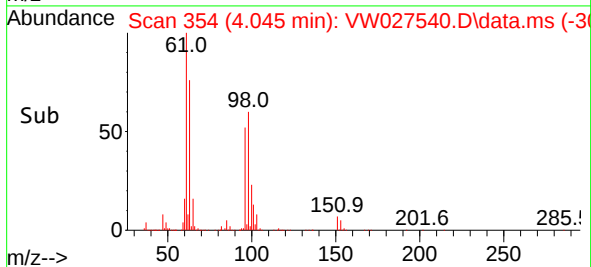
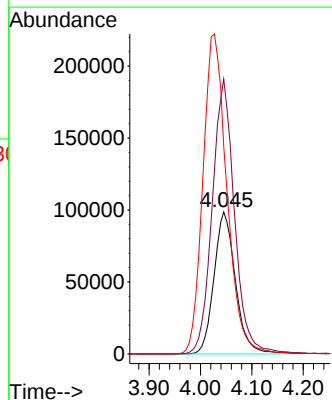
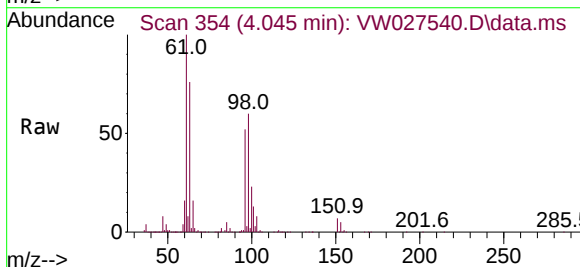
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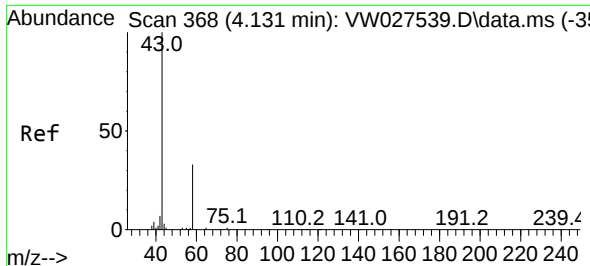
Tgt Ion:101 Resp: 290999
 Ion Ratio Lower Upper
 101 100
 85 42.0 35.6 53.4
 151 69.5 56.6 84.8



#12
 1,1-Dichloroethene
 Concen: 49.187 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. 0.000 min
 Lab File: VW027540.D
 Acq: 06 Nov 2023 10:07

Tgt Ion: 96 Resp: 285327
 Ion Ratio Lower Upper
 96 100
 61 193.5 128.9 239.3
 63 146.3 96.4 179.0

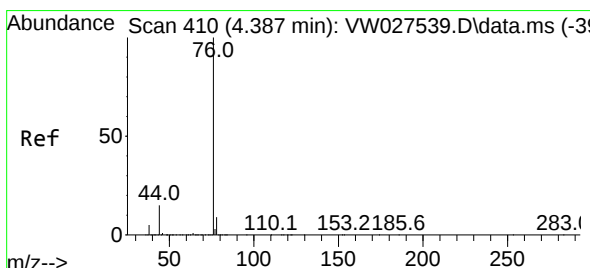
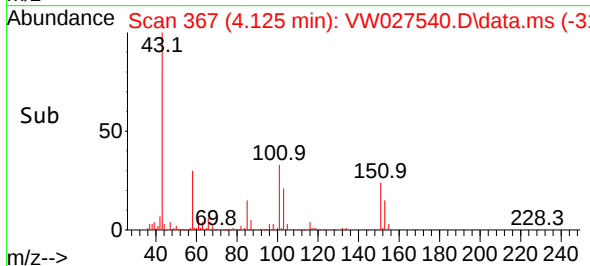
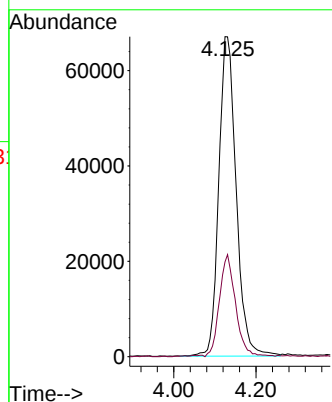
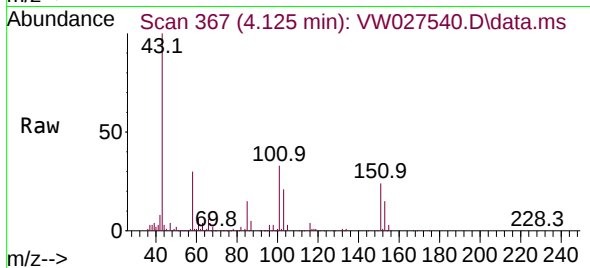




#13
Acetone
Concen: 108.060 ug/L
RT: 4.125 min Scan# 30
Delta R.T. -0.006 min
Lab File: VW027540.D
Acq: 06 Nov 2023 10:07

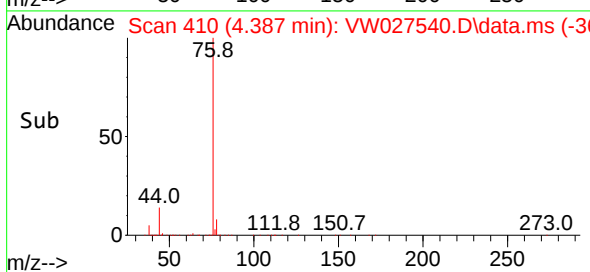
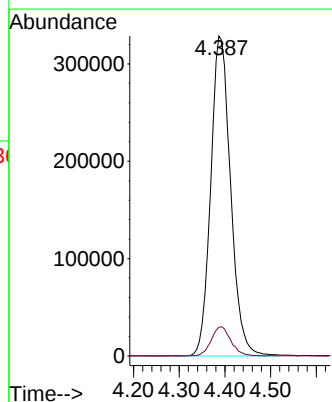
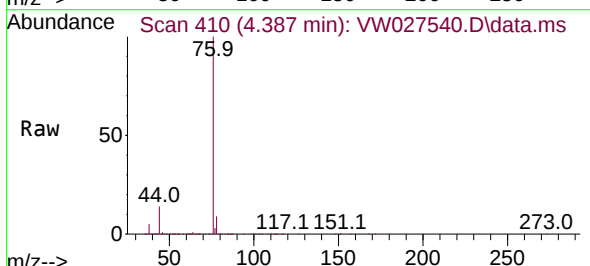
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ClientSampleId :

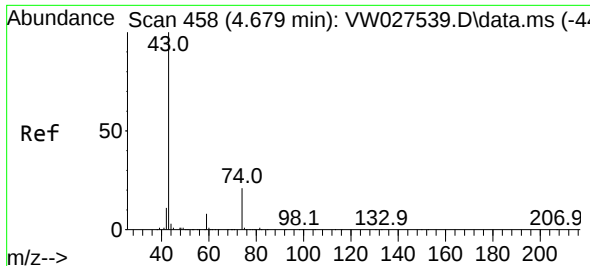
Tgt Ion: 43 Resp: 196774
Ion Ratio Lower Upper
43 100
58 29.3 0.0 64.4



#14
Carbon disulfide
Concen: 49.706 ug/L
RT: 4.387 min Scan# 410
Delta R.T. 0.000 min
Lab File: VW027540.D
Acq: 06 Nov 2023 10:07

Tgt Ion: 76 Resp: 991801
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8

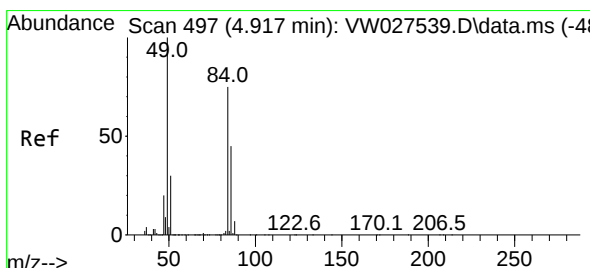
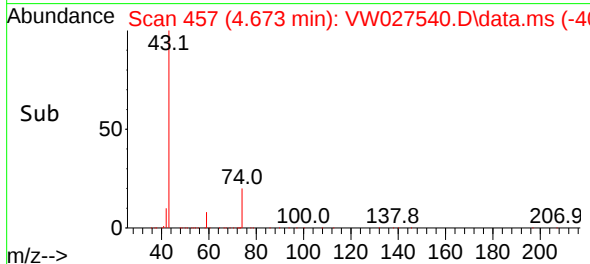
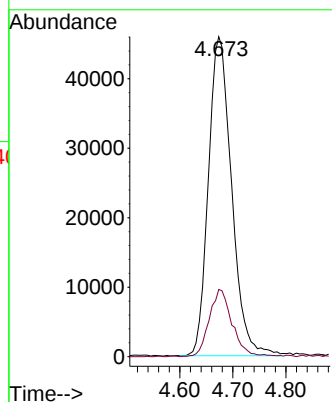
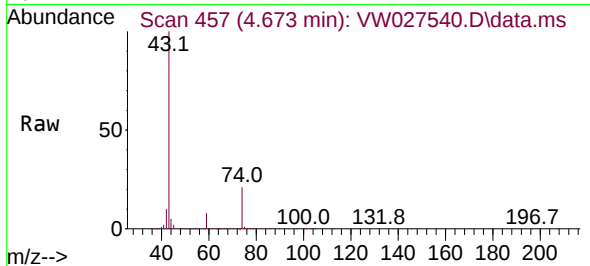




#15
Methyl Acetate
Concen: 51.994 ug/L
RT: 4.673 min Scan# 41
Delta R.T. -0.006 min
Lab File: VW027540.D
Acq: 06 Nov 2023 10:07

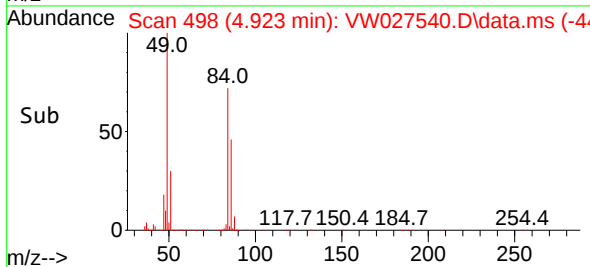
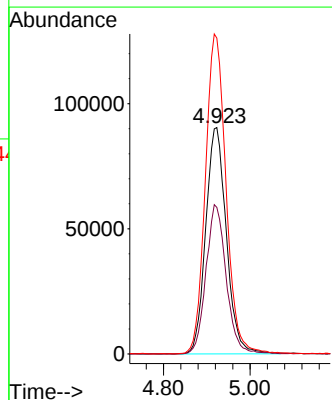
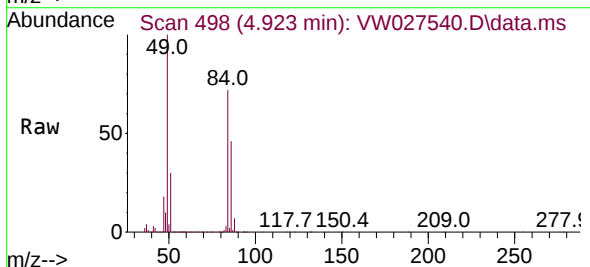
Instrument :
MSVOA_W
ClientSampleId :

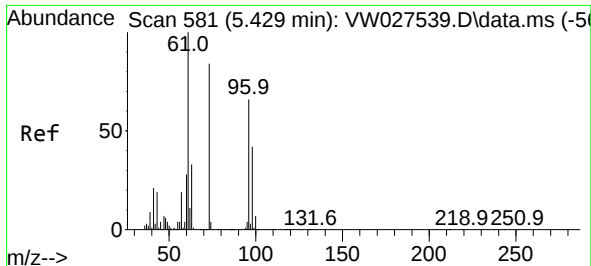
Tgt Ion: 43 Resp: 139983
Ion Ratio Lower Upper
43 100
74 20.6 16.9 25.3



#16
Methylene chloride
Concen: 41.766 ug/L
RT: 4.923 min Scan# 498
Delta R.T. 0.006 min
Lab File: VW027540.D
Acq: 06 Nov 2023 10:07

Tgt Ion: 84 Resp: 299672
Ion Ratio Lower Upper
84 100
86 64.7 42.7 79.3
49 139.5 94.0 174.6

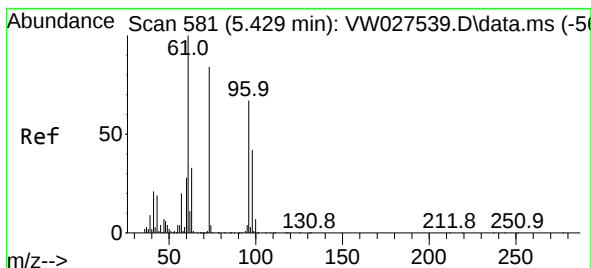
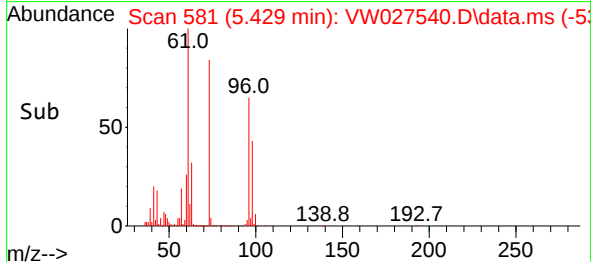
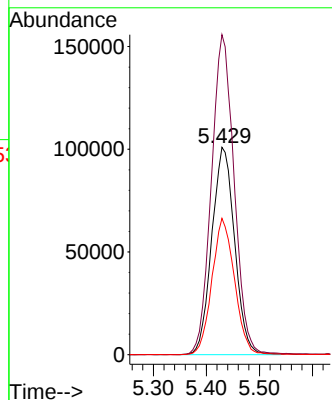
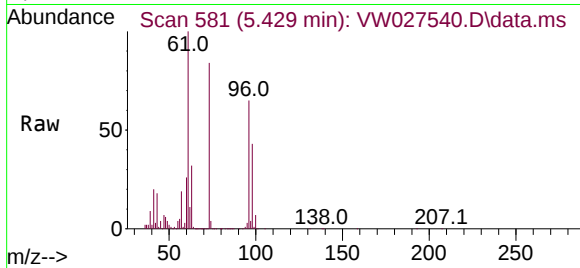




#17
trans-1,2-Dichloroethene
Concen: 49.282 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.000 min
Lab File: VW027540.D
Acq: 06 Nov 2023 10:07

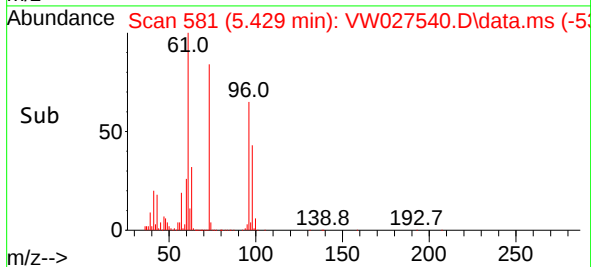
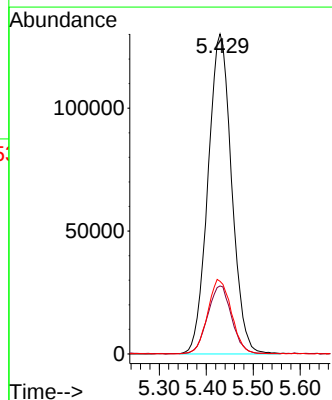
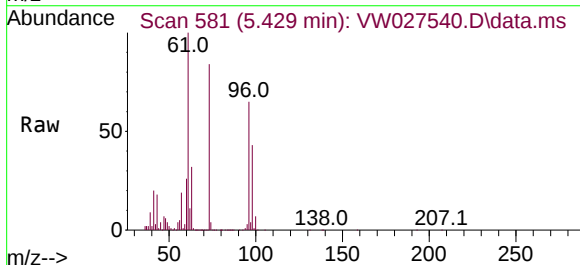
Instrument :
MSVOA_W
ClientSampleId :

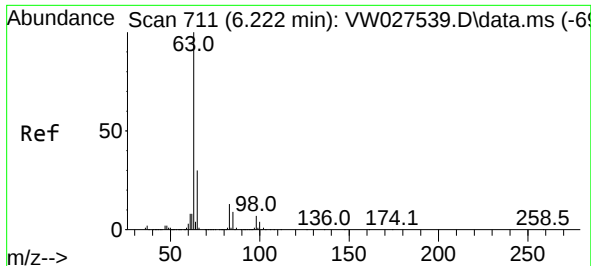
Tgt Ion: 96 Resp: 302782
Ion Ratio Lower Upper
96 100
61 154.4 105.3 195.6
98 65.8 44.0 81.8



#18
Methyl tert-butyl Ether
Concen: 49.675 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.000 min
Lab File: VW027540.D
Acq: 06 Nov 2023 10:07

Tgt Ion: 73 Resp: 455340
Ion Ratio Lower Upper
73 100
43 21.4 17.1 25.7
57 23.3 19.4 29.0





#19

1,1-Dichloroethane

Concen: 49.068 ug/L

RT: 6.216 min Scan# 711

Delta R.T. -0.006 min

Lab File: VW027540.D

Acq: 06 Nov 2023 10:07

Instrument :

MSVOA_W

ClientSampleId :

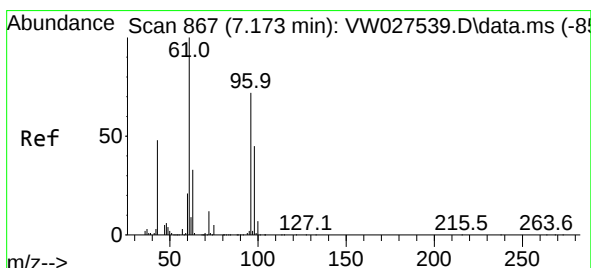
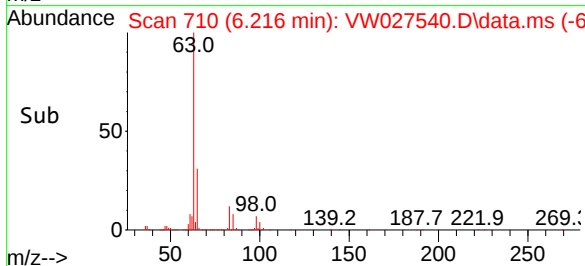
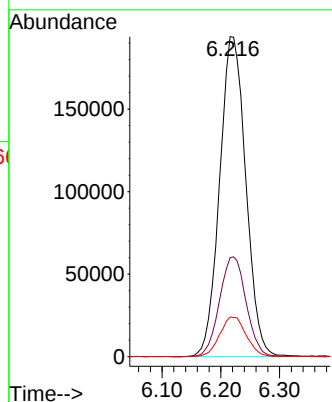
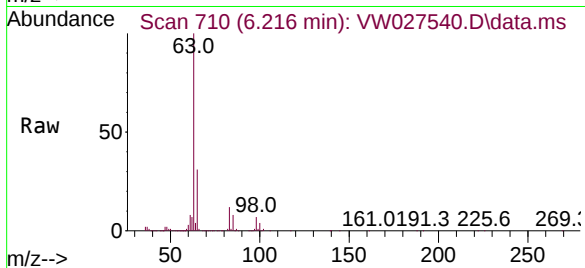
Tgt Ion: 63 Resp: 600169

Ion Ratio Lower Upper

63 100

65 30.9 21.1 39.3

83 12.4 9.0 16.6



#20

cis-1,2-Dichloroethene

Concen: 49.692 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.000 min

Lab File: VW027540.D

Acq: 06 Nov 2023 10:07

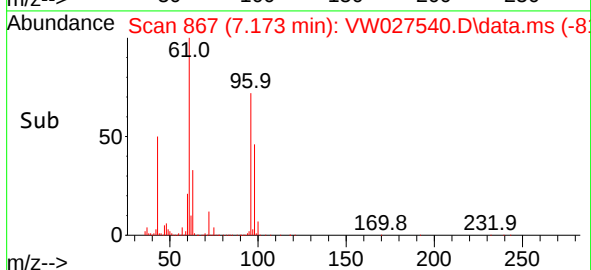
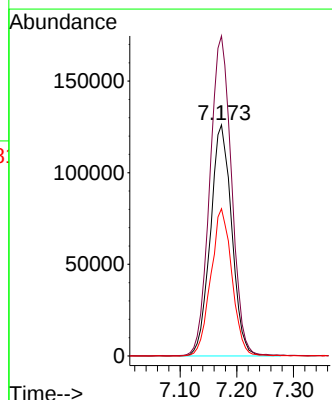
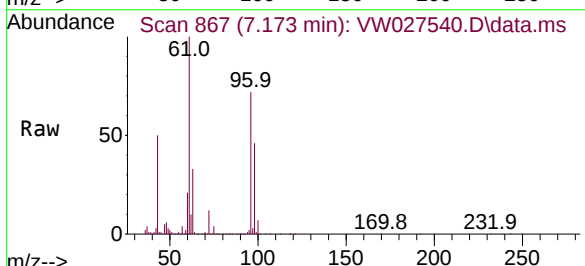
Tgt Ion: 96 Resp: 330016

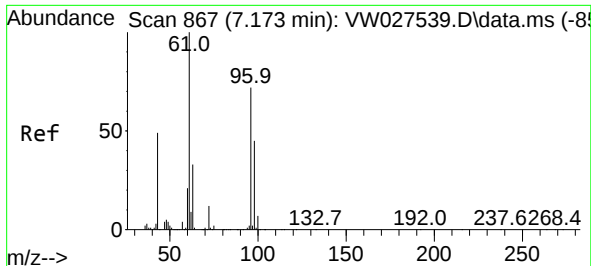
Ion Ratio Lower Upper

96 100

61 138.5 97.9 181.7

98 63.8 43.5 80.9

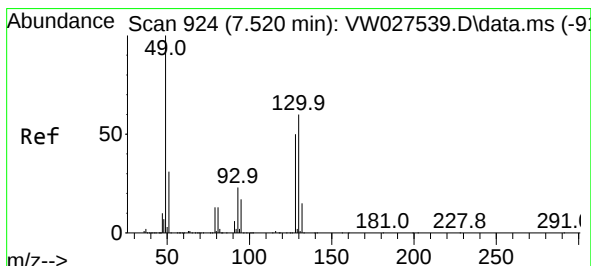
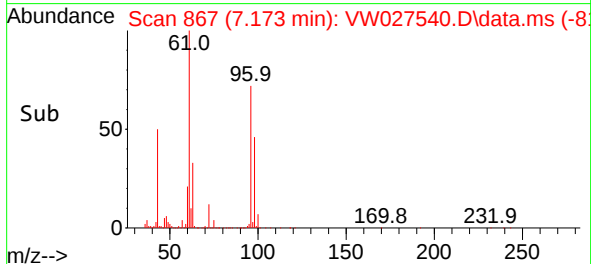
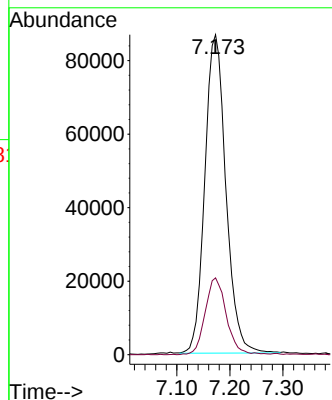
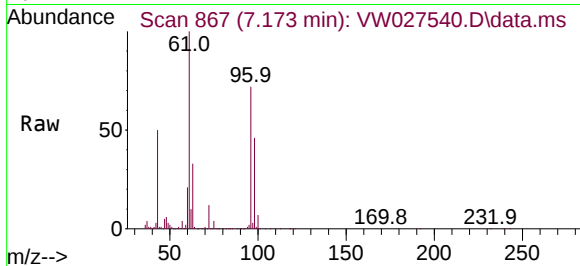




#22
2-Butanone
Concen: 103.372 ug/L
RT: 7.173 min Scan# 867
Delta R.T. 0.000 min
Lab File: VW027540.D
Acq: 06 Nov 2023 10:07

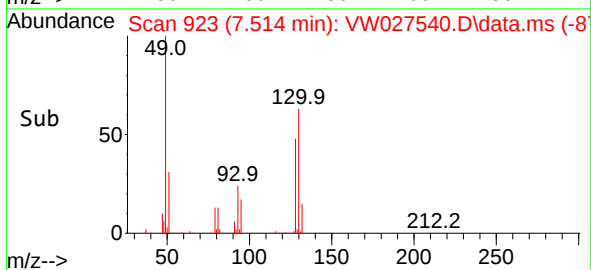
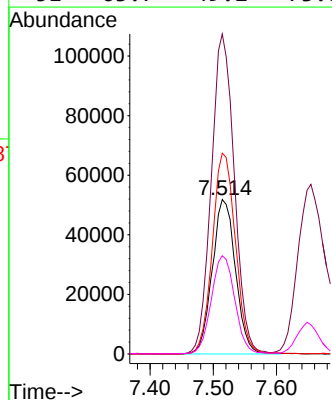
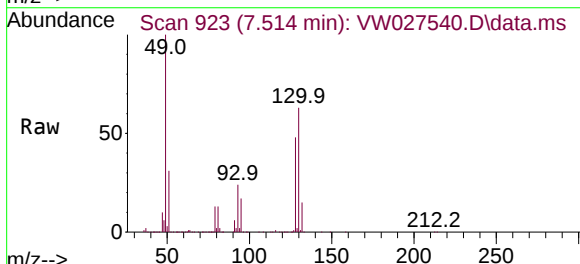
Instrument :
MSVOA_W
ClientSampleId :

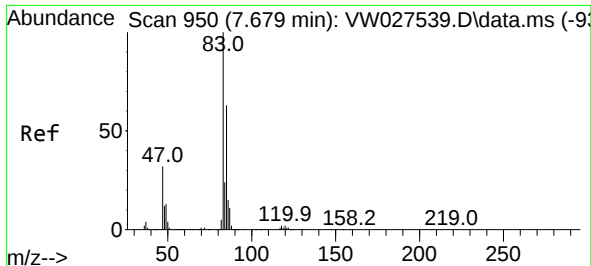
Tgt Ion: 43 Resp: 239419
Ion Ratio Lower Upper
43 100
72 23.9 12.3 36.9



#23
Bromochloromethane
Concen: 47.825 ug/L
RT: 7.514 min Scan# 923
Delta R.T. -0.006 min
Lab File: VW027540.D
Acq: 06 Nov 2023 10:07

Tgt Ion: 128 Resp: 132060
Ion Ratio Lower Upper
128 100
49 207.3 139.7 259.5
130 130.1 83.4 155.0
51 63.7 49.2 73.8

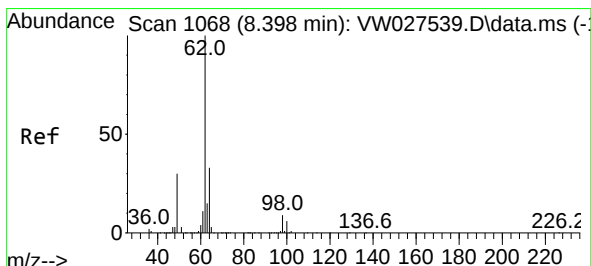
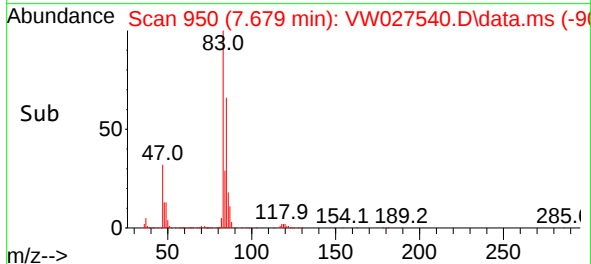
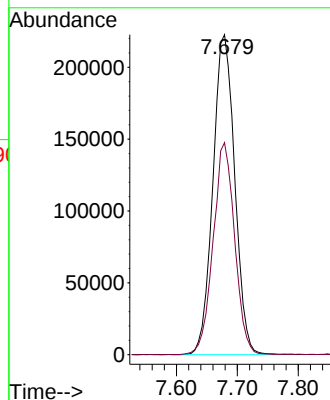
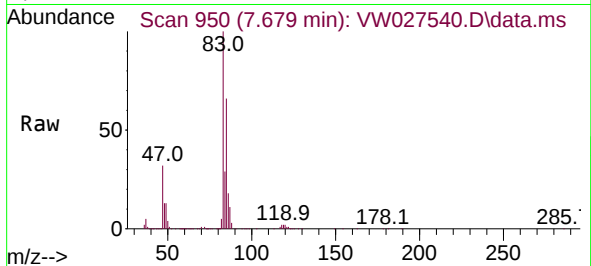




#25
Chloroform
Concen: 48.744 ug/L
RT: 7.679 min Scan# 910
Delta R.T. 0.000 min
Lab File: VW027540.D
Acq: 06 Nov 2023 10:07

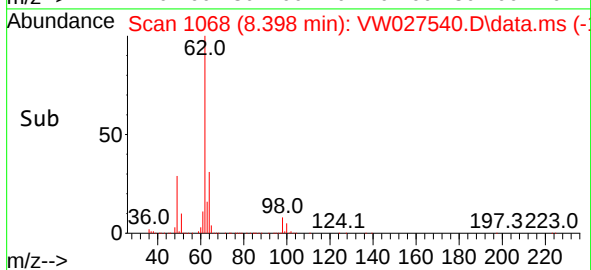
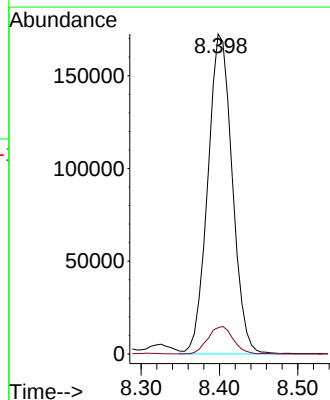
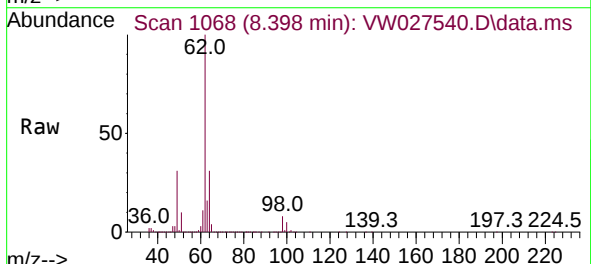
Instrument :
MSVOA_W
ClientSampleId :

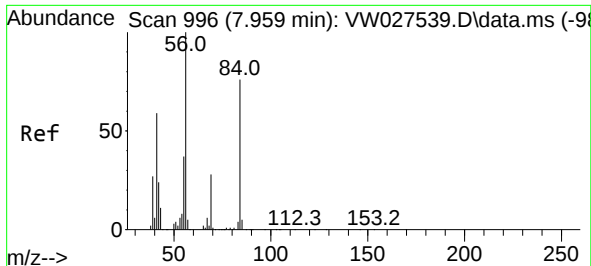
Tgt Ion: 83 Resp: 553545
Ion Ratio Lower Upper
83 100
85 66.3 44.2 82.0



#27
1,2-Dichloroethane
Concen: 50.115 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VW027540.D
Acq: 06 Nov 2023 10:07

Tgt Ion: 62 Resp: 374482
Ion Ratio Lower Upper
62 100
98 8.2 7.4 11.0





#29

Cyclohexane

Concen: 50.726 ug/L

RT: 7.959 min Scan# 996

Delta R.T. 0.000 min

Lab File: VW027540.D

Acq: 06 Nov 2023 10:07

Instrument :

MSVOA_W

ClientSampleId :

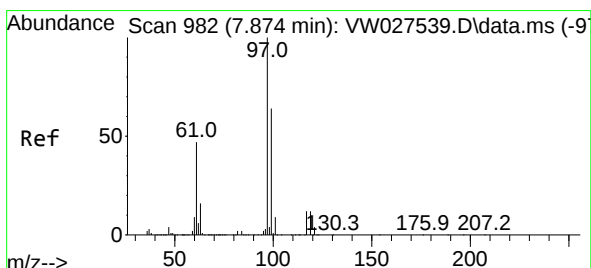
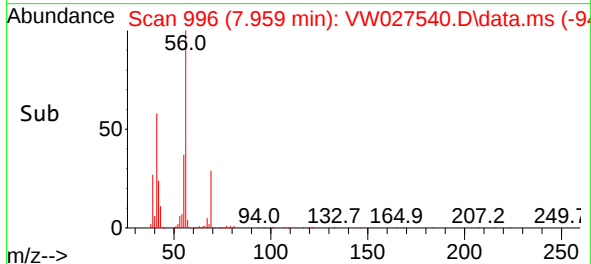
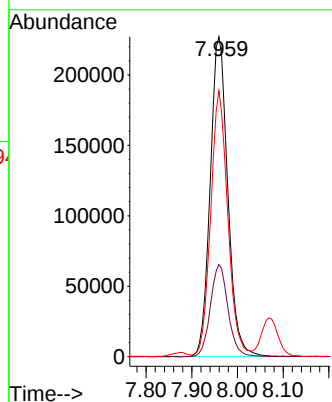
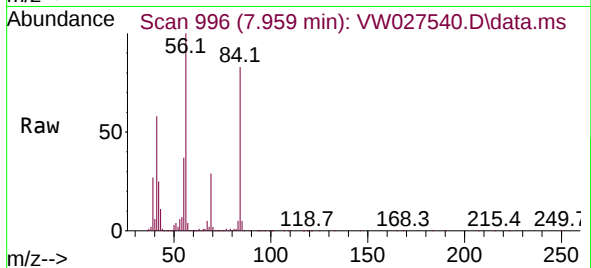
Tgt Ion: 56 Resp: 607068

Ion Ratio Lower Upper

56 100

69 28.9 23.0 34.6

84 80.8 63.6 95.4



#30

1,1,1-Trichloroethane

Concen: 49.657 ug/L

RT: 7.874 min Scan# 982

Delta R.T. 0.000 min

Lab File: VW027540.D

Acq: 06 Nov 2023 10:07

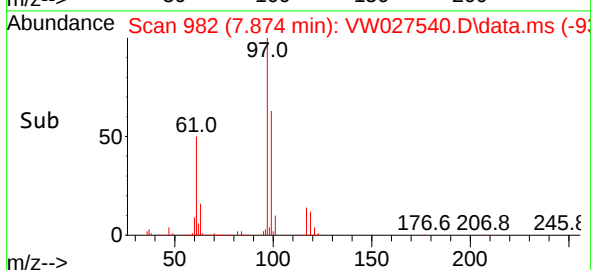
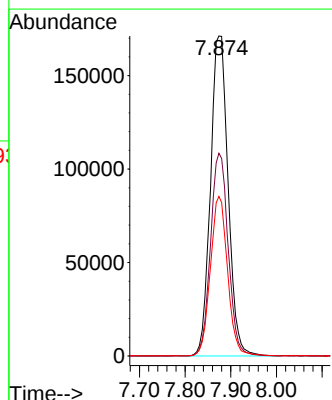
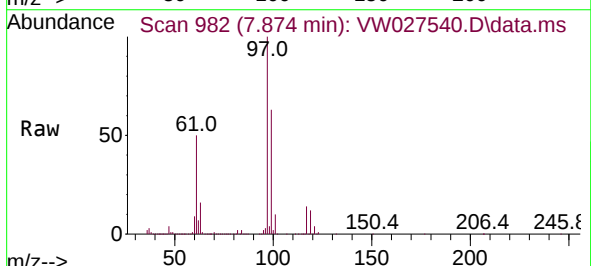
Tgt Ion: 97 Resp: 459158

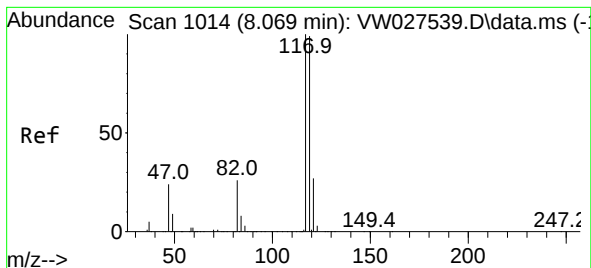
Ion Ratio Lower Upper

97 100

99 63.5 51.0 76.4

61 48.8 39.1 58.7





#31

Carbon tetrachloride

Concen: 50.924 ug/L

RT: 8.075 min Scan# 1015

Delta R.T. 0.006 min

Lab File: VW027540.D

Acq: 06 Nov 2023 10:07

Instrument :

MSVOA_W

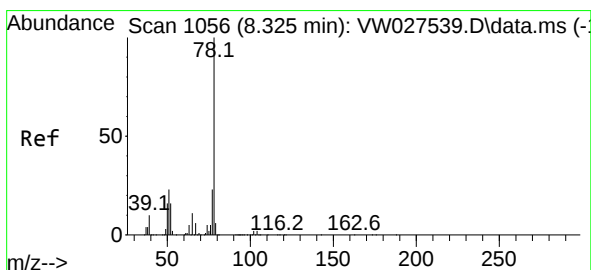
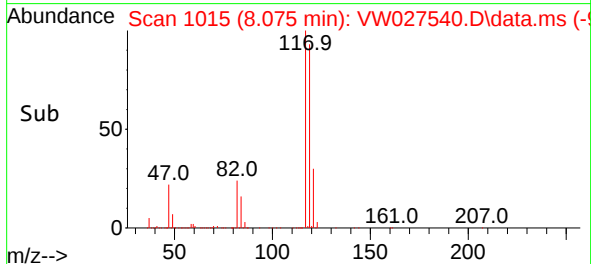
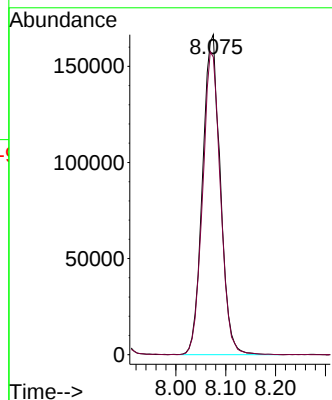
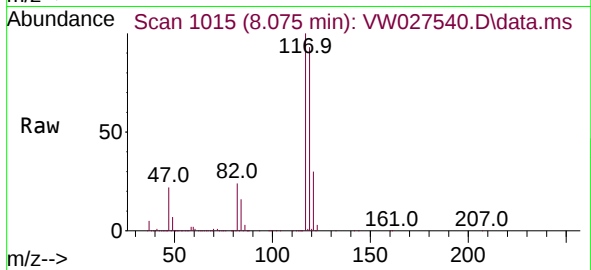
ClientSampleId :

Tgt Ion:117 Resp: 412154

Ion Ratio Lower Upper

117 100

119 94.8 76.5 114.7



#33

Benzene

Concen: 49.183 ug/L

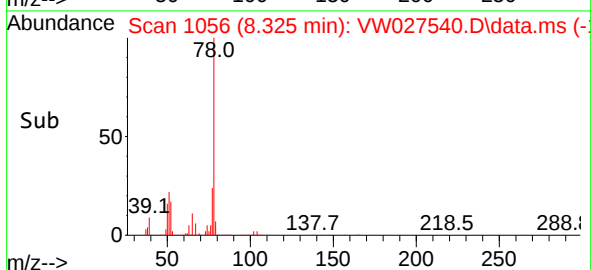
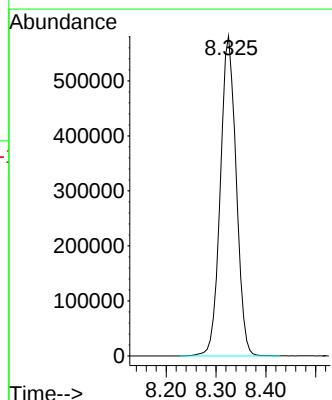
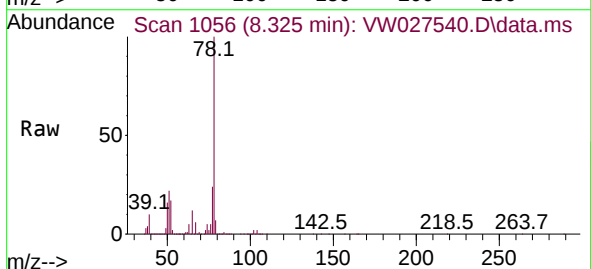
RT: 8.325 min Scan# 1056

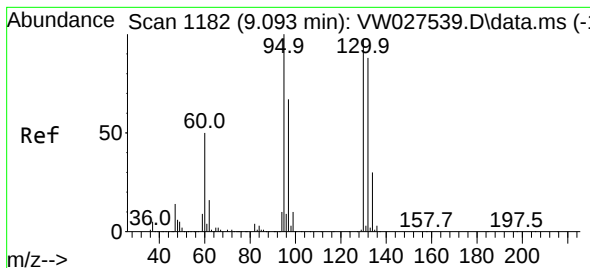
Delta R.T. 0.000 min

Lab File: VW027540.D

Acq: 06 Nov 2023 10:07

Tgt Ion: 78 Resp: 1283905





#34

Trichloroethene

Concen: 48.736 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.000 min

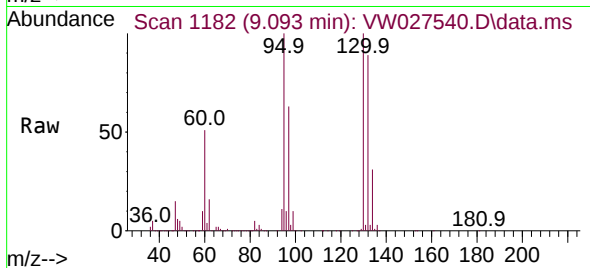
Lab File: VW027540.D

Acq: 06 Nov 2023 10:07

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 328825

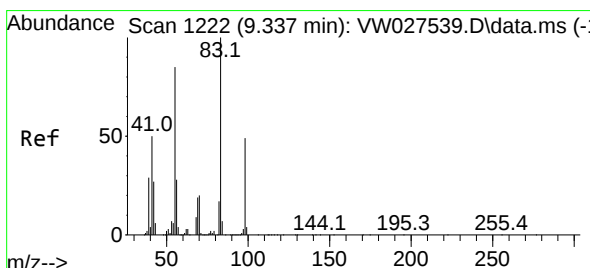
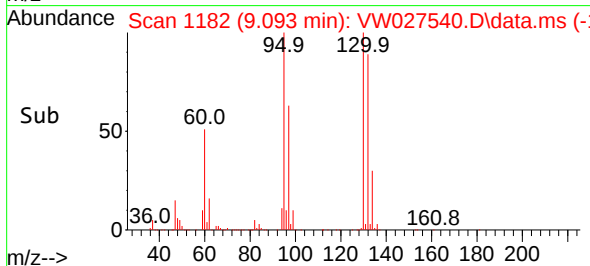
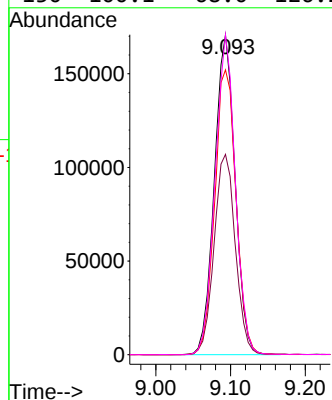
Ion Ratio Lower Upper

95 100

97 62.7 46.9 87.1

132 89.1 61.8 114.8

130 100.1 68.0 126.2



#35

Methylcyclohexane

Concen: 50.139 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VW027540.D

Acq: 06 Nov 2023 10:07

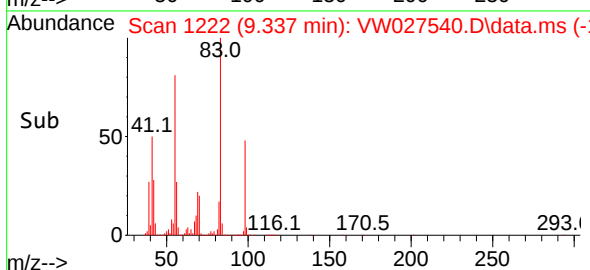
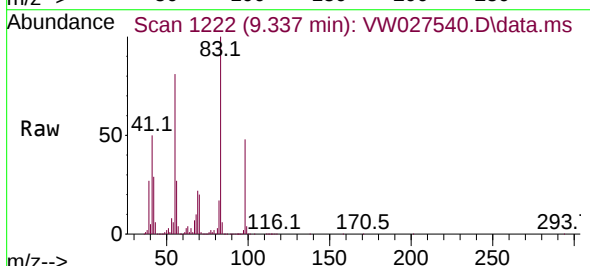
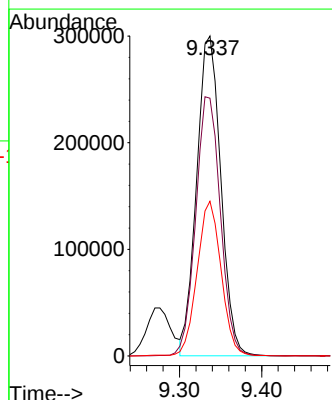
Tgt Ion: 83 Resp: 612767

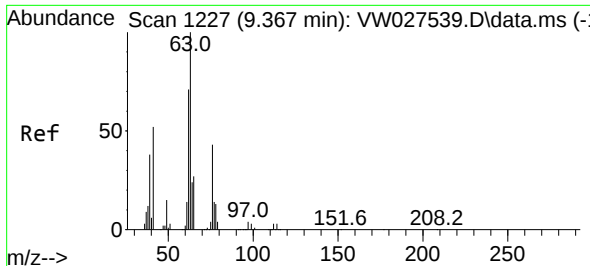
Ion Ratio Lower Upper

83 100

55 82.7 66.2 99.2

98 48.0 38.3 57.5





#37

1,2-Dichloropropane

Concen: 49.463 ug/L

RT: 9.368 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW027540.D

Acq: 06 Nov 2023 10:07

Instrument :

MSVOA_W

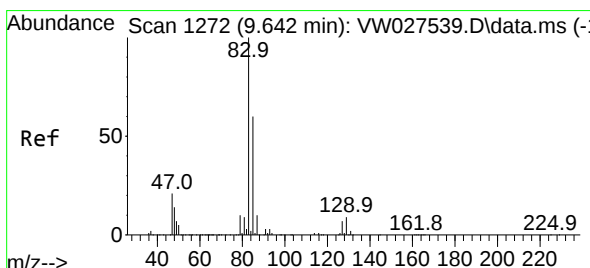
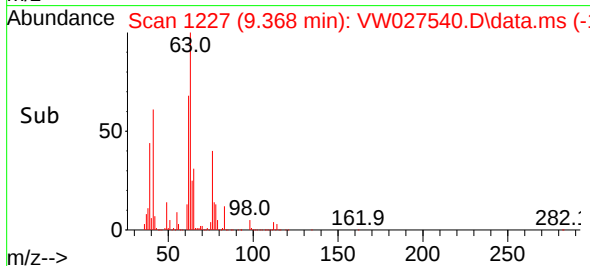
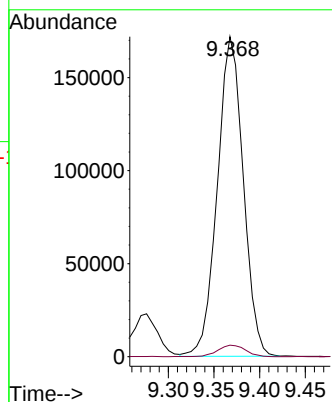
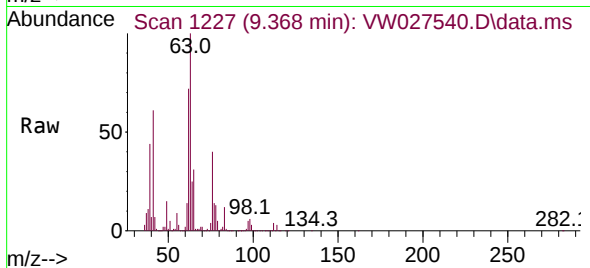
ClientSampleId :

Tgt Ion: 63 Resp: 339504

Ion Ratio Lower Upper

63 100

112 3.9 3.3 4.9



#38

Bromodichloromethane

Concen: 50.386 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW027540.D

Acq: 06 Nov 2023 10:07

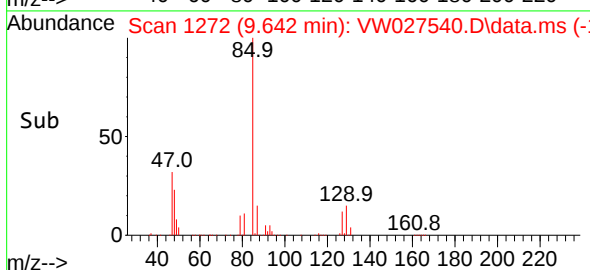
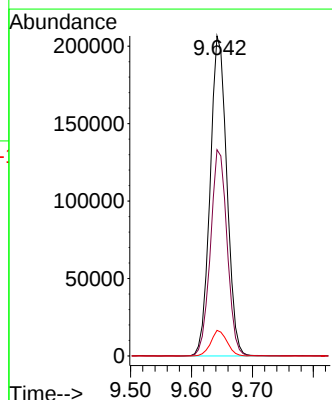
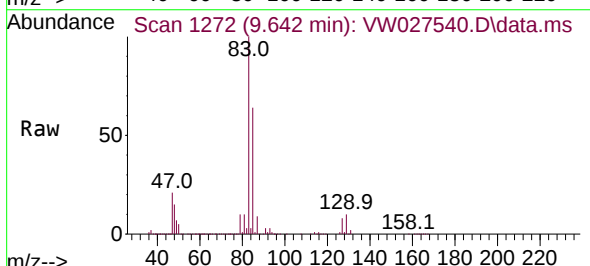
Tgt Ion: 83 Resp: 393377

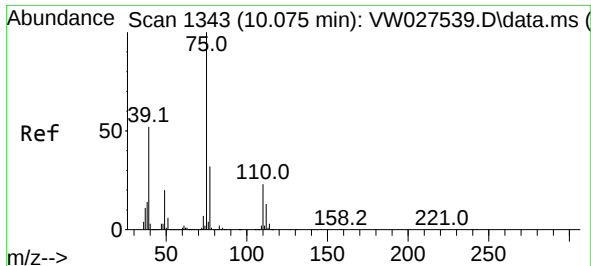
Ion Ratio Lower Upper

83 100

85 64.4 42.2 78.4

127 8.0 5.7 8.5





#39

cis-1,3-Dichloropropene

Concen: 52.045 ug/L

RT: 10.075 min Scan# 1343

Delta R.T. 0.000 min

Lab File: VW027540.D

Acq: 06 Nov 2023 10:07

Instrument :

MSVOA_W

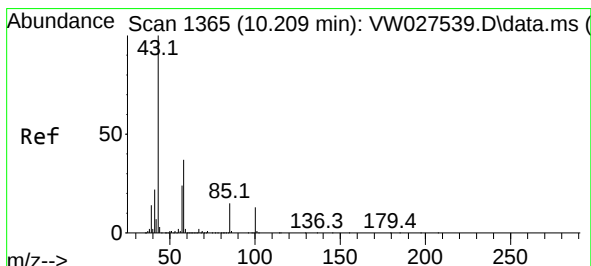
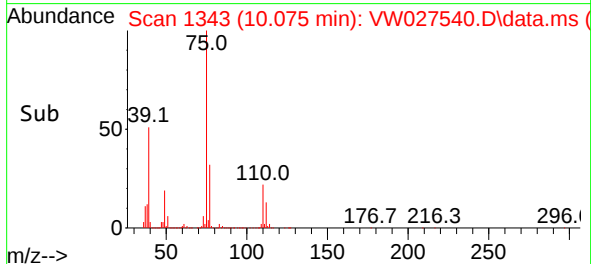
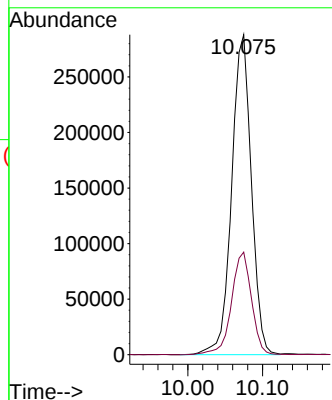
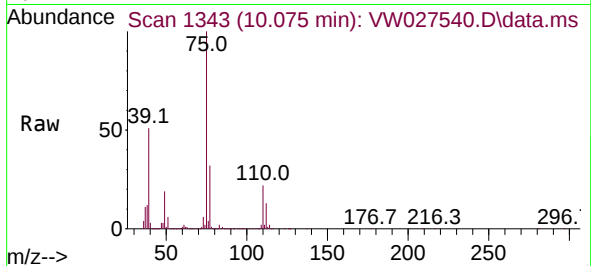
ClientSampleId :

Tgt Ion: 75 Resp: 528129

Ion Ratio Lower Upper

75 100

77 32.0 22.4 41.6



#40

4-Methyl-2-pentanone

Concen: 106.211 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW027540.D

Acq: 06 Nov 2023 10:07

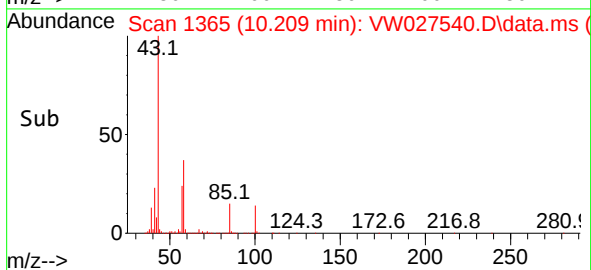
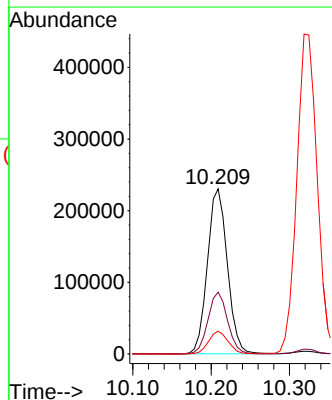
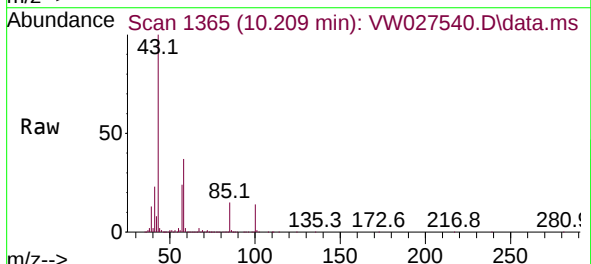
Tgt Ion: 43 Resp: 407073

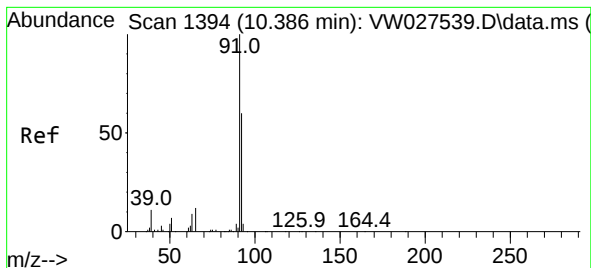
Ion Ratio Lower Upper

43 100

58 37.0 29.6 44.4

100 13.6 10.7 16.1





#42

Toluene

Concen: 50.192 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. 0.000 min

Lab File: VW027540.D

Acq: 06 Nov 2023 10:07

Instrument :

MSVOA_W

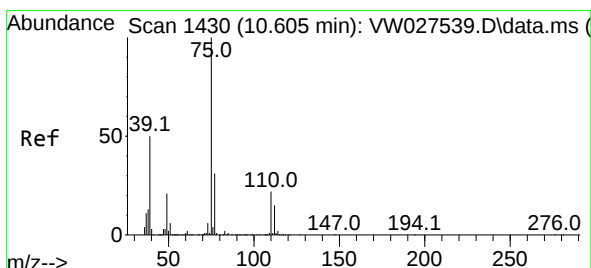
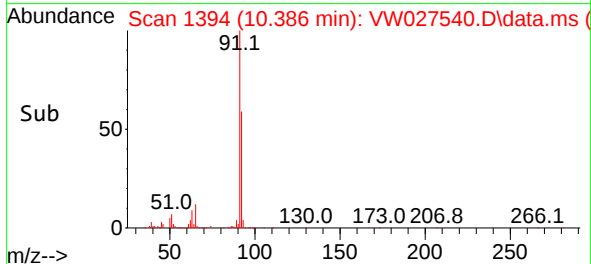
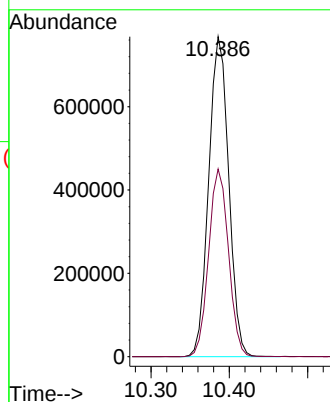
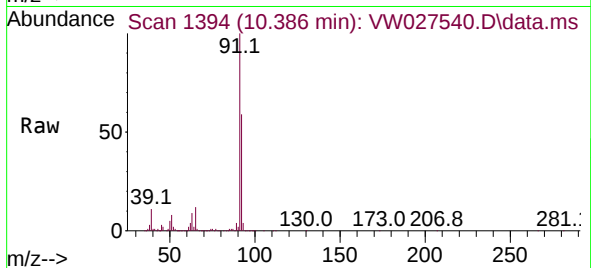
ClientSampleId :

Tgt Ion: 91 Resp: 1359372

Ion Ratio Lower Upper

91 100

92 58.6 41.7 77.5



#44

trans-1,3-Dichloropropene

Concen: 53.311 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VW027540.D

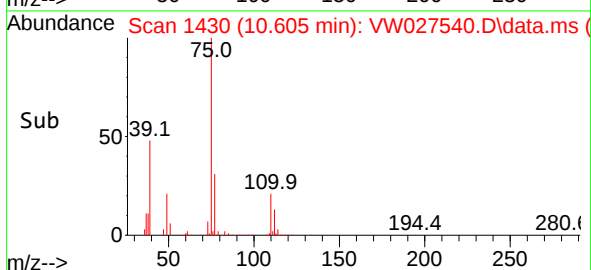
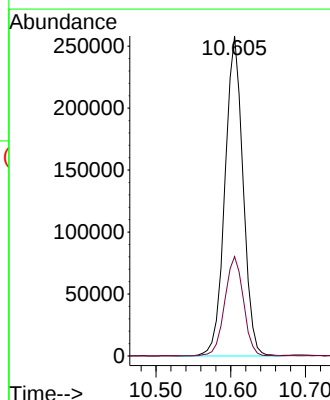
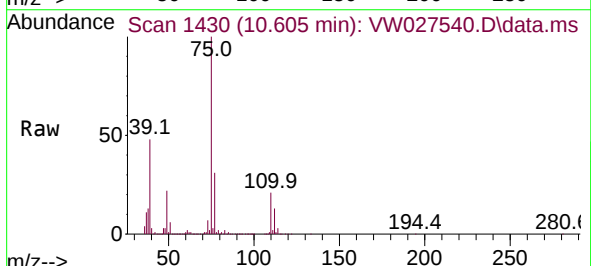
Acq: 06 Nov 2023 10:07

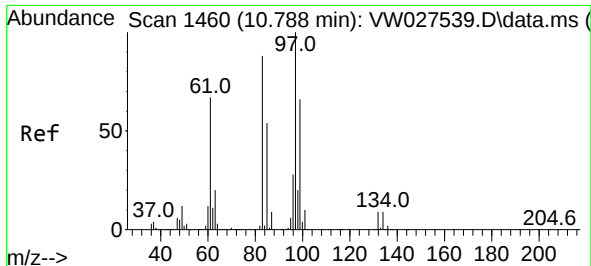
Tgt Ion: 75 Resp: 434706

Ion Ratio Lower Upper

75 100

77 31.0 22.0 41.0





#45

1,1,2-Trichloroethane

Concen: 49.792 ug/L

RT: 10.788 min Scan# 1460

Delta R.T. 0.000 min

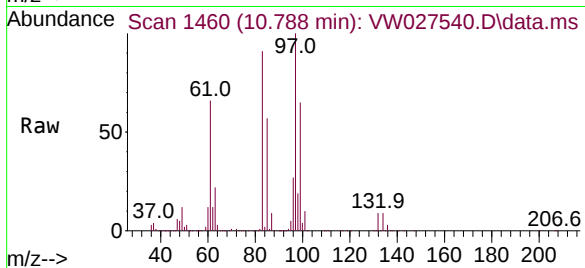
Lab File: VW027540.D

Acq: 06 Nov 2023 10:07

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 97 Resp: 222207

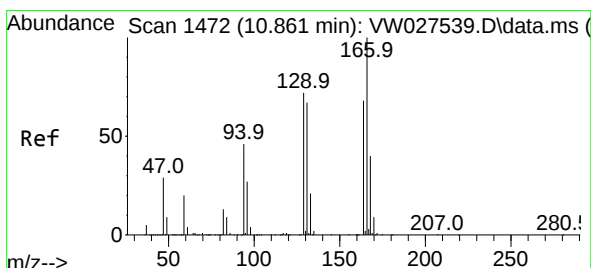
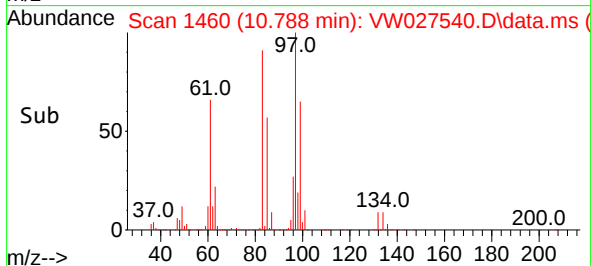
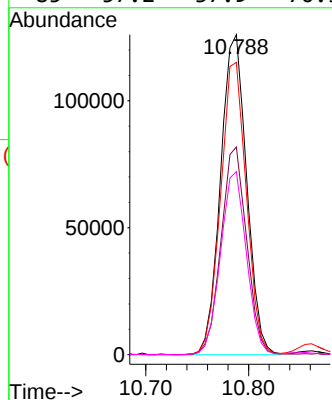
Ion Ratio Lower Upper

97 100

99 64.9 46.1 85.5

83 91.4 61.5 114.3

85 57.2 37.9 70.5



#46

Tetrachloroethene

Concen: 48.758 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VW027540.D

Acq: 06 Nov 2023 10:07

Tgt Ion:164 Resp: 236088

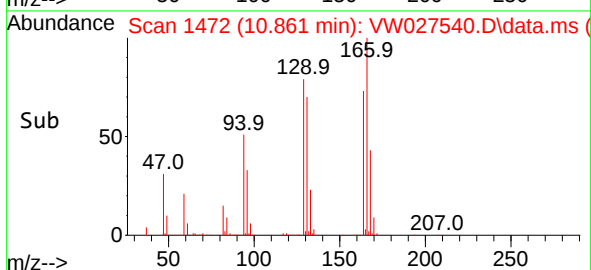
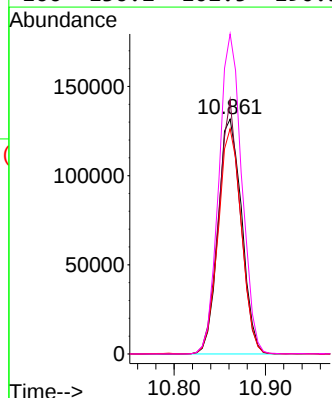
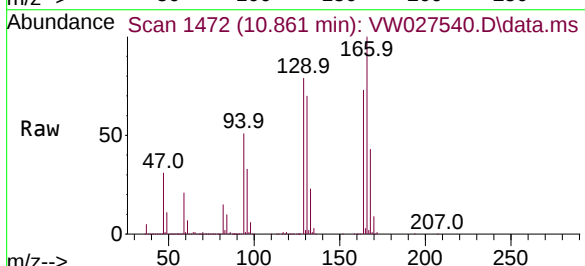
Ion Ratio Lower Upper

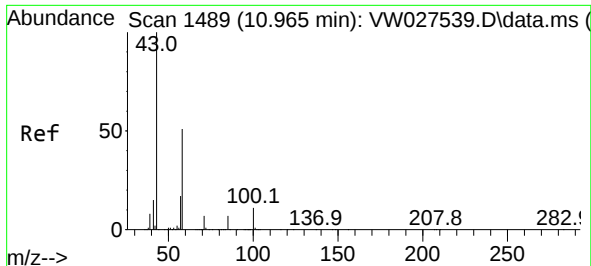
164 100

129 108.2 73.4 136.2

131 95.9 68.4 127.0

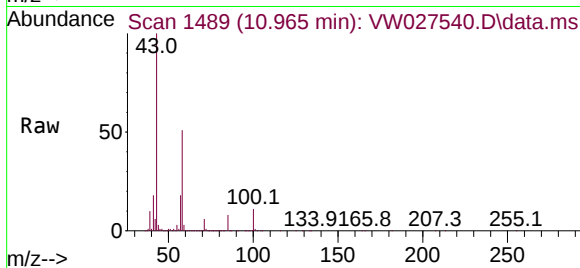
166 136.2 102.5 190.3



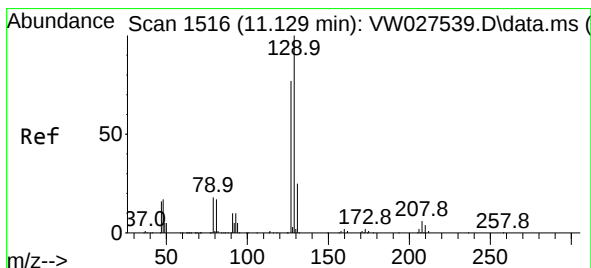
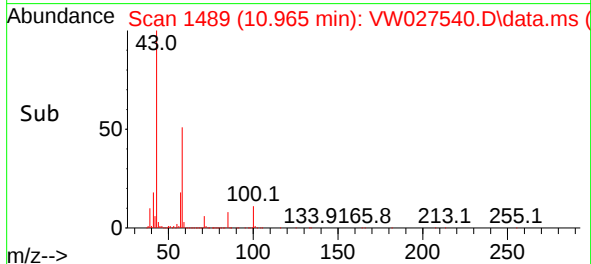
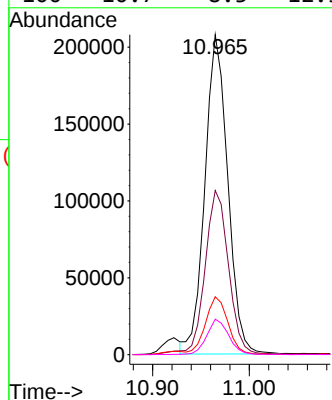


#48
2-Hexanone
Concen: 112.238 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW027540.D
Acq: 06 Nov 2023 10:07

Instrument :
MSVOA_W
ClientSampleId :

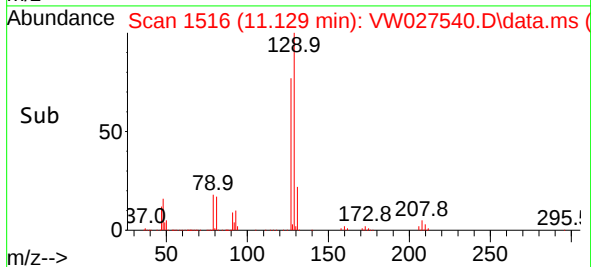
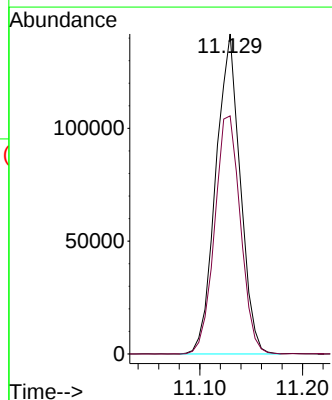
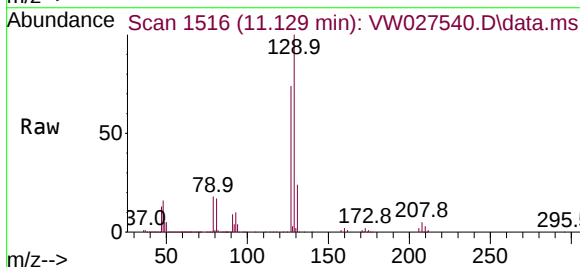


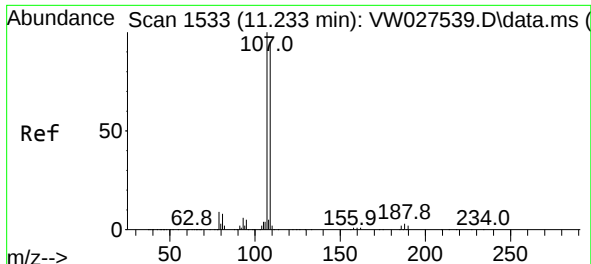
Tgt Ion:	43	Resp:	342310
Ion	Ratio	Lower	Upper
43	100		
58	51.5	41.7	62.5
57	17.9	14.2	21.2
100	10.7	8.3	12.5



#49
Dibromochloromethane
Concen: 51.833 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VW027540.D
Acq: 06 Nov 2023 10:07

Tgt Ion:	129	Resp:	233873
Ion	Ratio	Lower	Upper
129	100		
127	74.4	54.1	100.5





#50

1,2-Dibromoethane

Concen: 50.917 ug/L

RT: 11.233 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW027540.D

Acq: 06 Nov 2023 10:07

Instrument :

MSVOA_W

ClientSampleId :

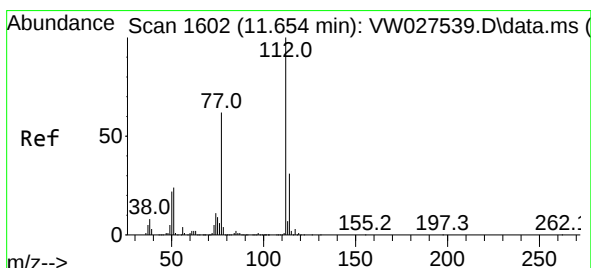
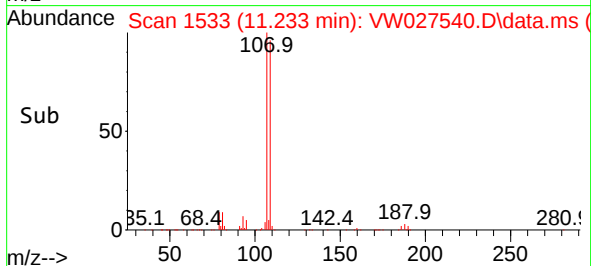
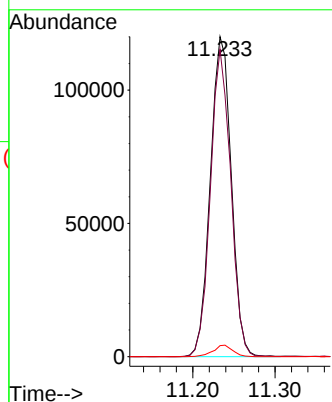
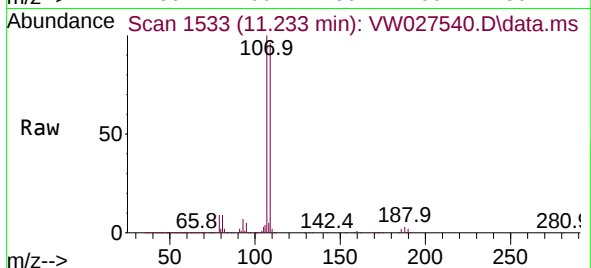
Tgt Ion:107 Resp: 212945

Ion Ratio Lower Upper

107 100

109 96.1 66.7 123.9

188 3.5 2.2 3.2#



#51

Chlorobenzene

Concen: 50.030 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VW027540.D

Acq: 06 Nov 2023 10:07

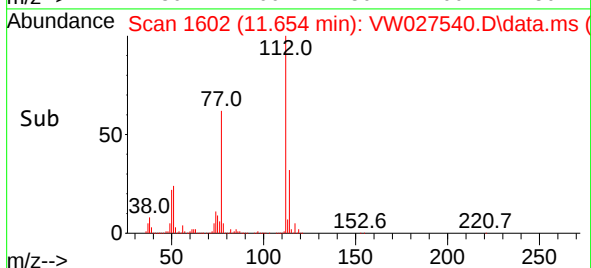
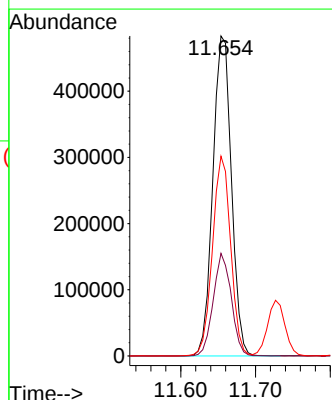
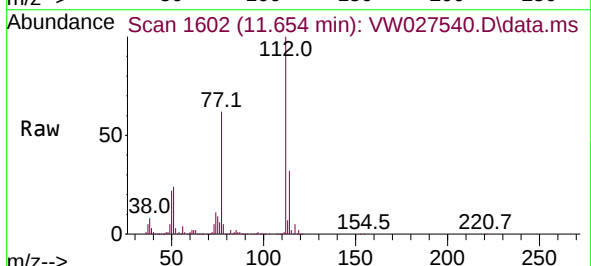
Tgt Ion:112 Resp: 833932

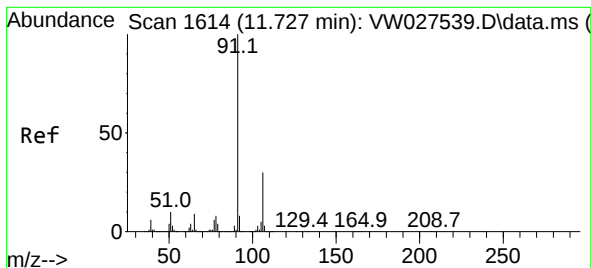
Ion Ratio Lower Upper

112 100

114 32.0 21.7 40.3

77 62.4 49.9 74.9

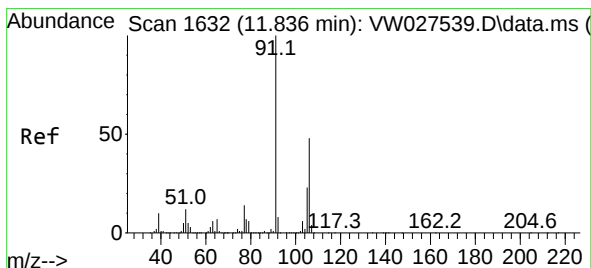
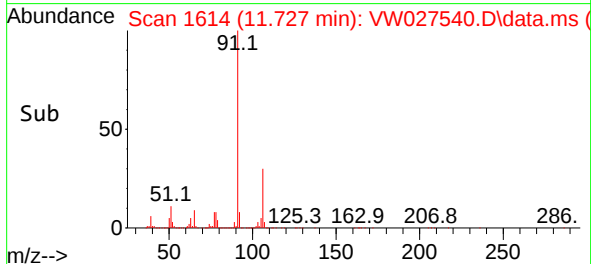
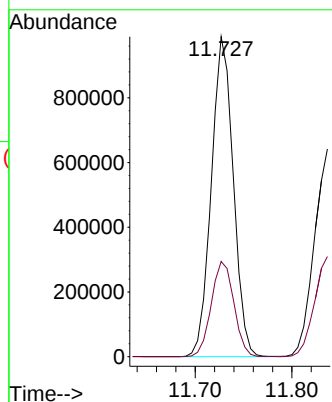
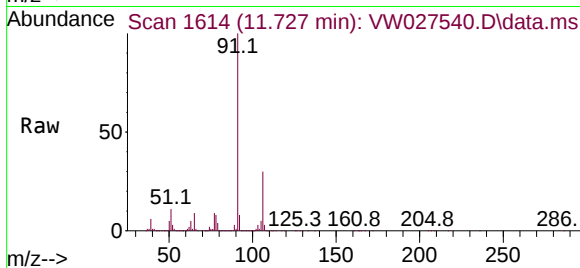




#52
Ethylbenzene
Concen: 50.510 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW027540.D
Acq: 06 Nov 2023 10:07

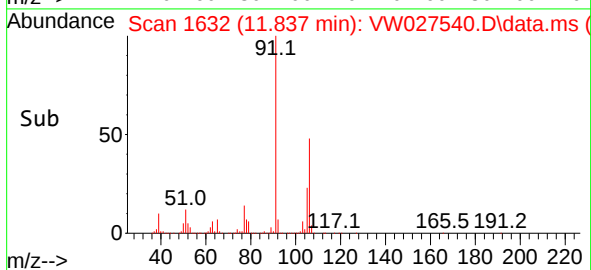
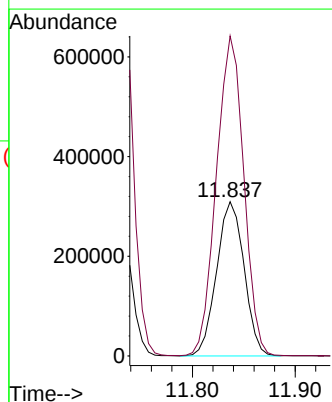
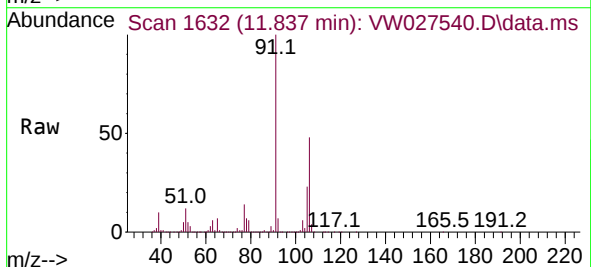
Instrument :
MSVOA_W
ClientSampleId :

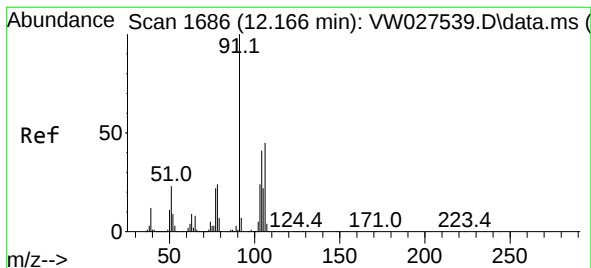
Tgt Ion: 91 Resp: 1560146
Ion Ratio Lower Upper
91 100
106 29.8 20.9 38.7



#53
m,p-Xylene
Concen: 50.528 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW027540.D
Acq: 06 Nov 2023 10:07

Tgt Ion:106 Resp: 575478
Ion Ratio Lower Upper
106 100
91 207.5 146.3 271.7





#54

o-Xylene

Concen: 51.270 ug/L

RT: 12.166 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW027540.D

Acq: 06 Nov 2023 10:07

Instrument :

MSVOA_W

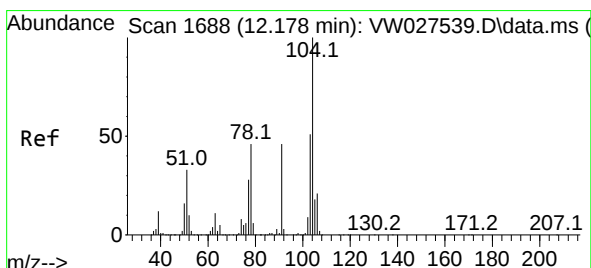
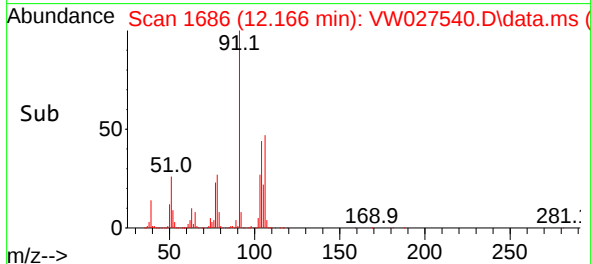
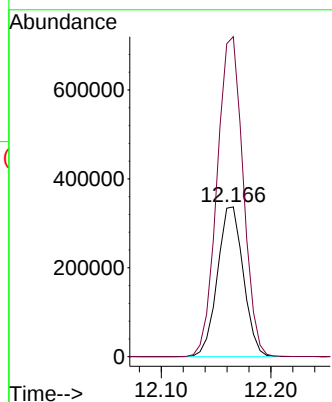
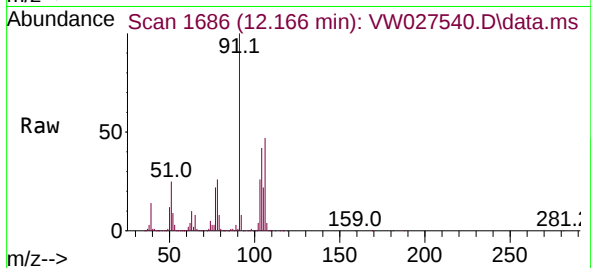
ClientSampleId :

Tgt Ion:106 Resp: 552834

Ion Ratio Lower Upper

106 100

91 213.6 154.1 286.3



#55

Styrene

Concen: 51.277 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. 0.000 min

Lab File: VW027540.D

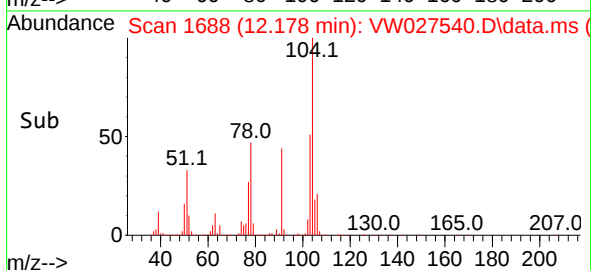
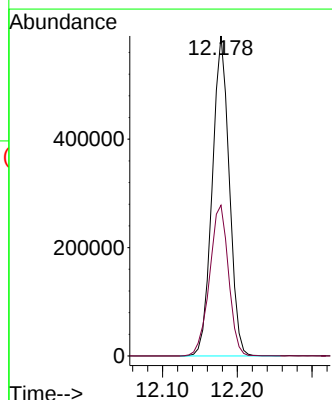
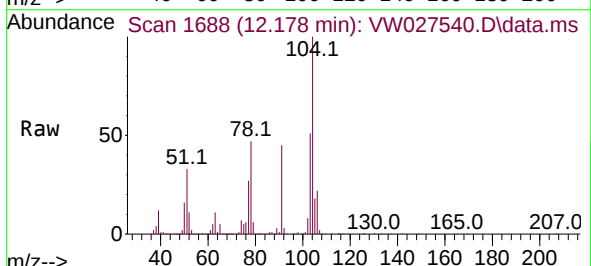
Acq: 06 Nov 2023 10:07

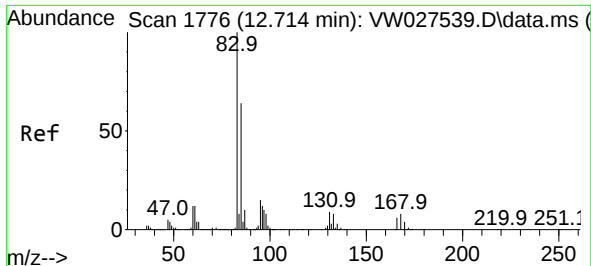
Tgt Ion:104 Resp: 936969

Ion Ratio Lower Upper

104 100

78 47.1 32.4 60.2





#57

1,1,2,2-Tetrachloroethane

Concen: 51.899 ug/L

RT: 12.714 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW027540.D

Acq: 06 Nov 2023 10:07

Instrument :

MSVOA_W

ClientSampleId :

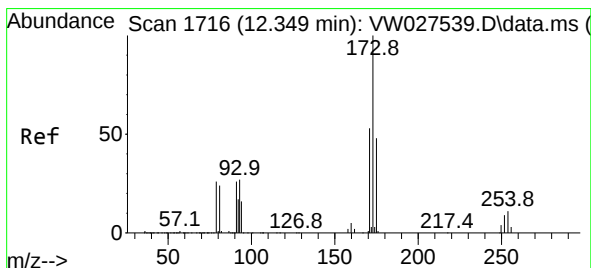
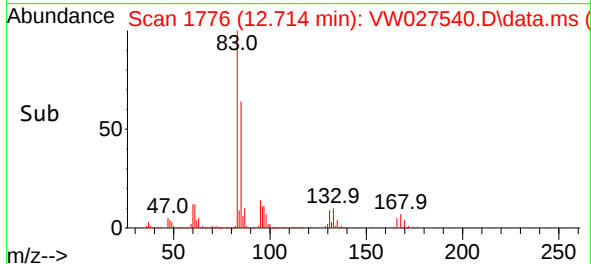
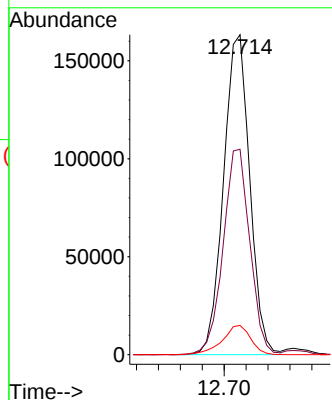
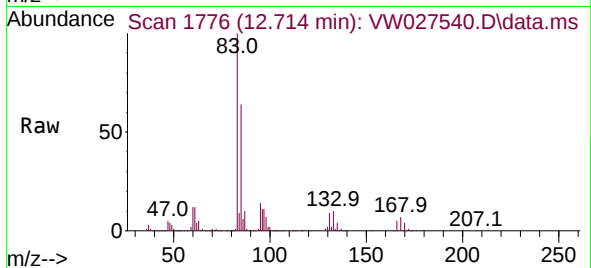
Tgt Ion: 83 Resp: 271344

Ion Ratio Lower Upper

83 100

85 64.2 44.6 82.8

131 9.1 7.3 10.9



#59

Bromoform

Concen: 52.544 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VW027540.D

Acq: 06 Nov 2023 10:07

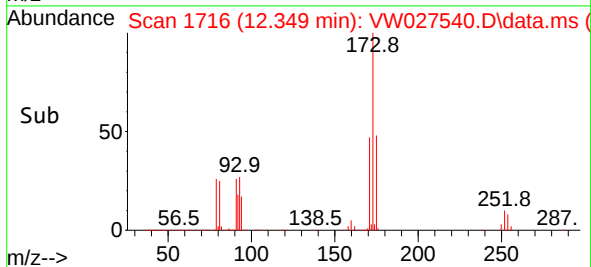
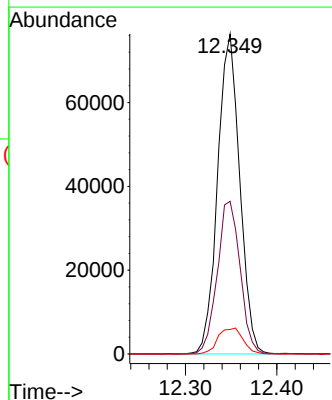
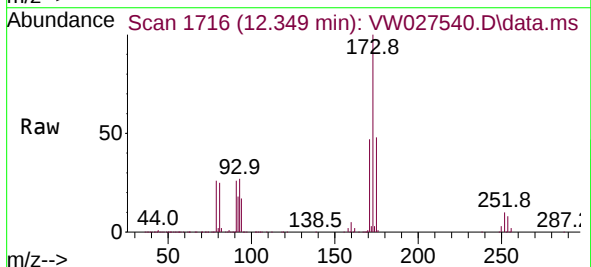
Tgt Ion: 173 Resp: 128453

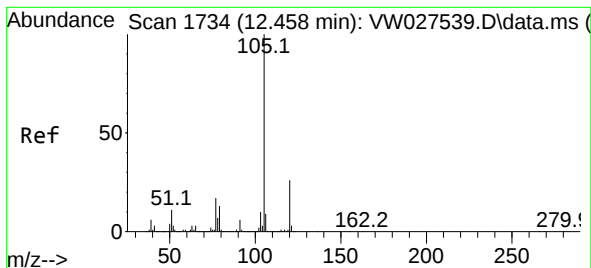
Ion Ratio Lower Upper

173 100

175 49.2 40.6 61.0

254 9.2 7.8 11.6





#60

Isopropylbenzene

Concen: 49.874 ug/L

RT: 12.458 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW027540.D

Acq: 06 Nov 2023 10:07

Instrument :

MSVOA_W

ClientSampleId :

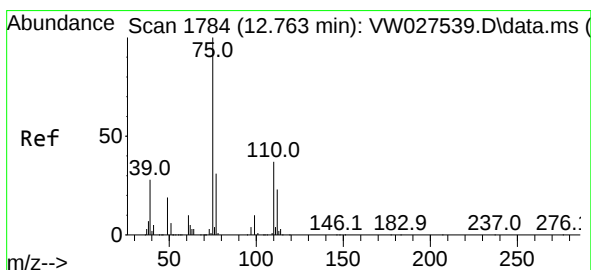
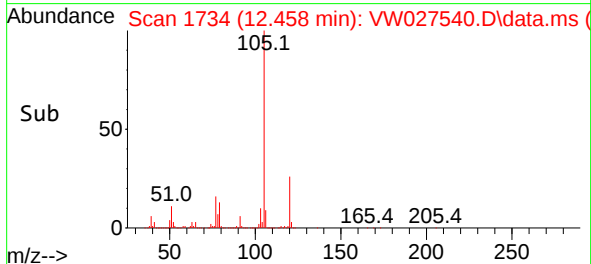
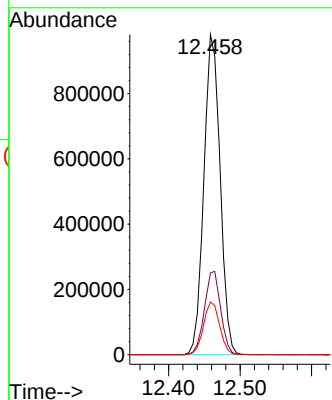
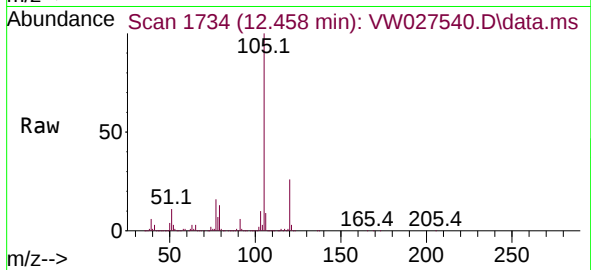
Tgt Ion:105 Resp: 1547157

Ion Ratio Lower Upper

105 100

120 26.1 20.8 31.2

77 16.4 13.3 19.9



#61

1,2,3-Trichloropropane

Concen: 50.587 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VW027540.D

Acq: 06 Nov 2023 10:07

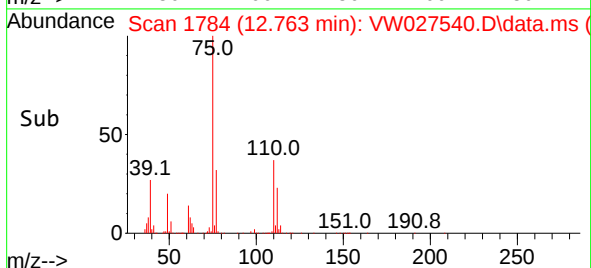
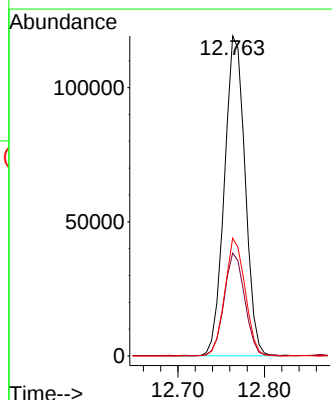
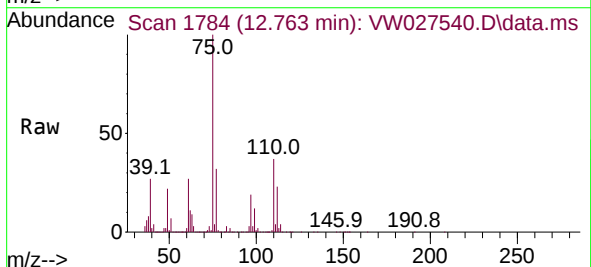
Tgt Ion: 75 Resp: 197650

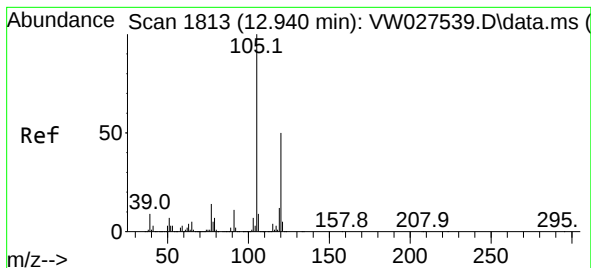
Ion Ratio Lower Upper

75 100

77 31.7 25.3 37.9

110 36.2 28.8 43.2

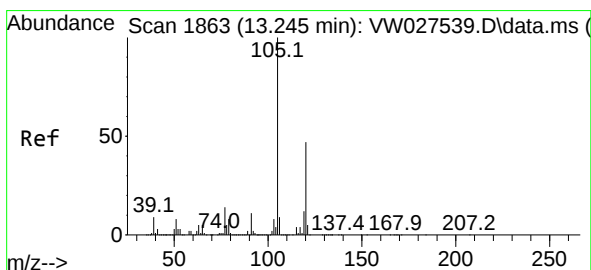
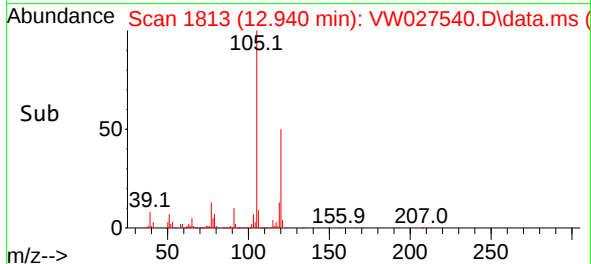
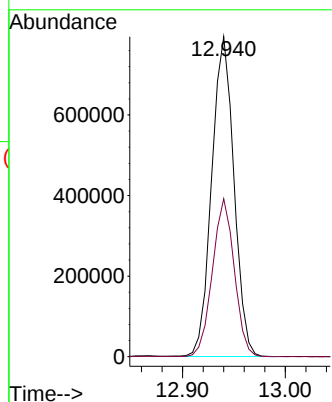
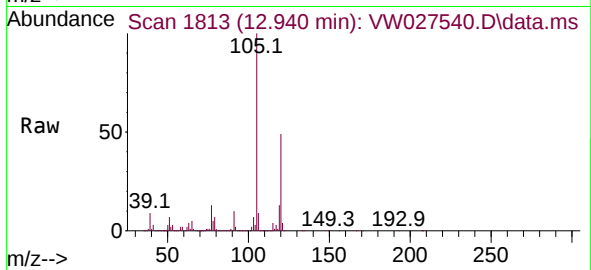




#62
1,3,5-Trimethylbenzene
Concen: 50.351 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW027540.D
Acq: 06 Nov 2023 10:07

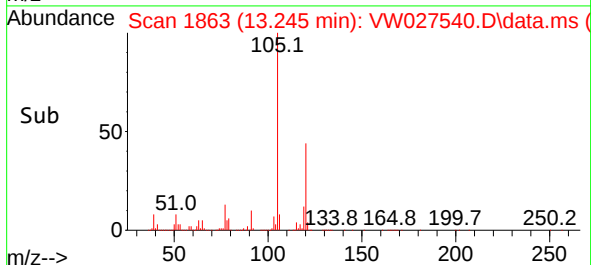
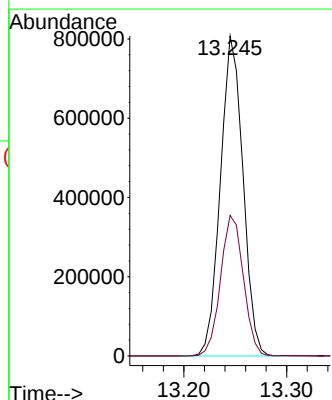
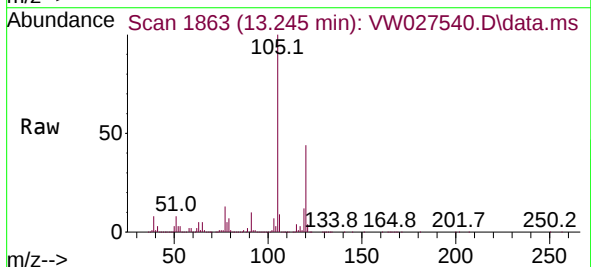
Instrument :
MSVOA_W
ClientSampleId :

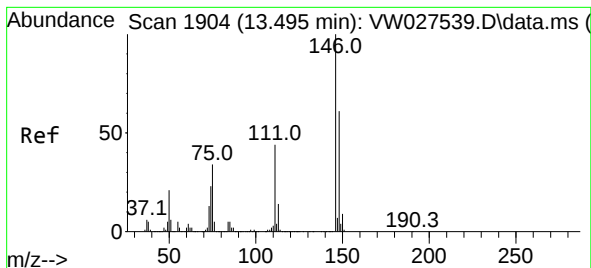
Tgt Ion:105 Resp: 1190892
Ion Ratio Lower Upper
105 100
120 48.5 39.1 58.7



#63
1,2,4-Trimethylbenzene
Concen: 50.859 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW027540.D
Acq: 06 Nov 2023 10:07

Tgt Ion:105 Resp: 1231046
Ion Ratio Lower Upper
105 100
120 44.5 36.6 54.8





#64

1,3-Dichlorobenzene

Concen: 49.897 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW027540.D

Acq: 06 Nov 2023 10:07

Instrument :

MSVOA_W

ClientSampleId :

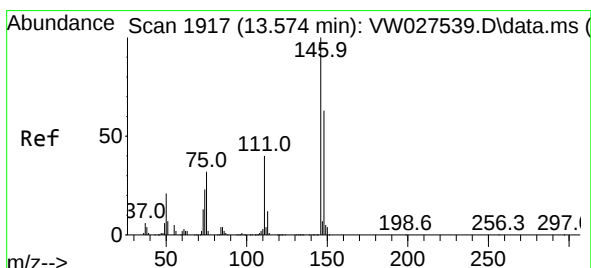
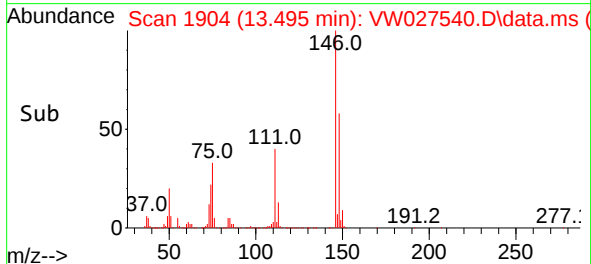
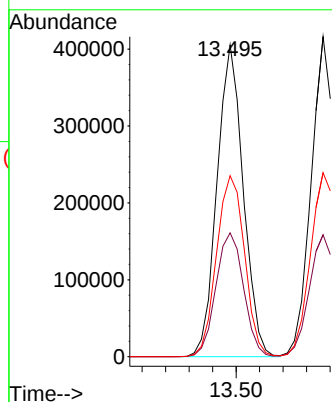
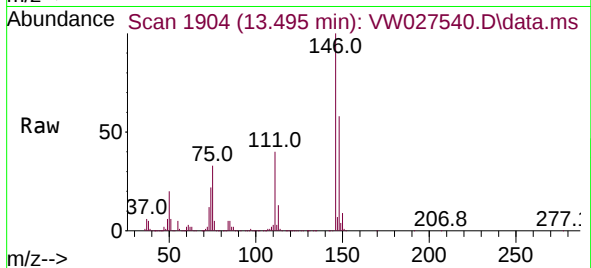
Tgt Ion:146 Resp: 628993

Ion Ratio Lower Upper

146 100

111 39.7 30.5 56.7

148 58.1 43.0 79.8



#65

1,4-Dichlorobenzene

Concen: 49.200 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW027540.D

Acq: 06 Nov 2023 10:07

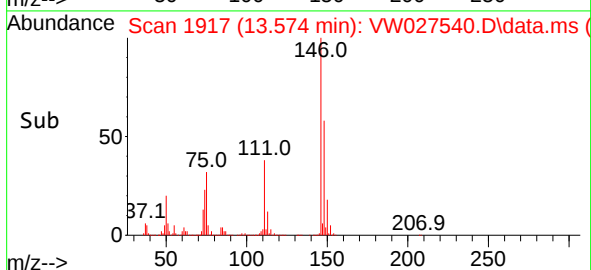
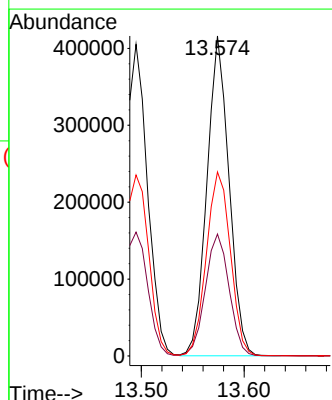
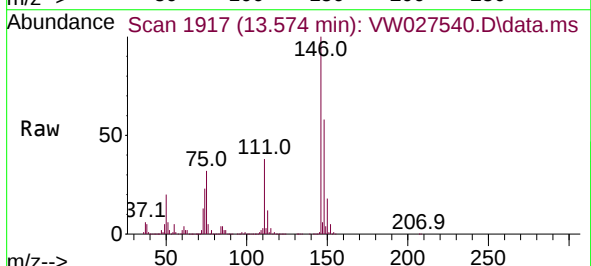
Tgt Ion:146 Resp: 621318

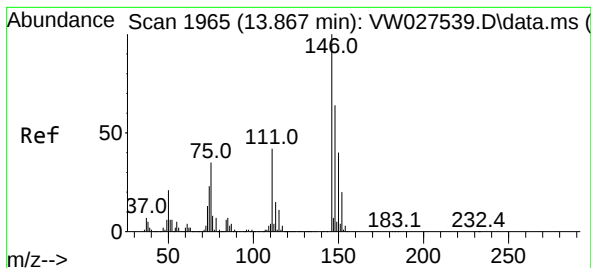
Ion Ratio Lower Upper

146 100

111 38.1 27.9 51.9

148 57.5 44.0 81.8





#67

1,2-Dichlorobenzene

Concen: 48.445 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW027540.D

Acq: 06 Nov 2023 10:07

Instrument :

MSVOA_W

ClientSampleId :

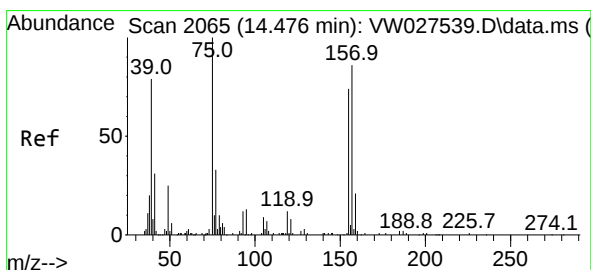
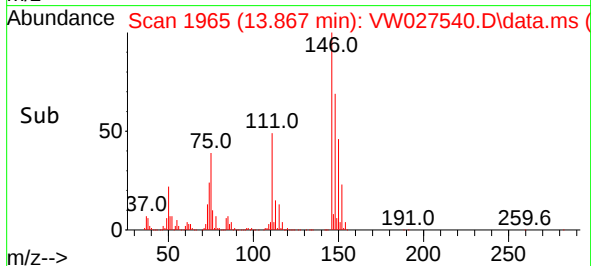
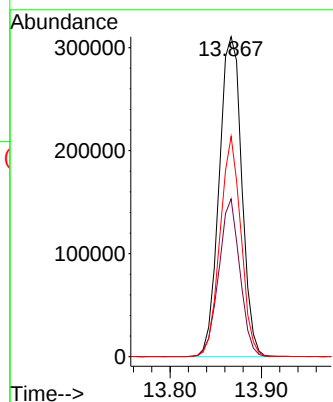
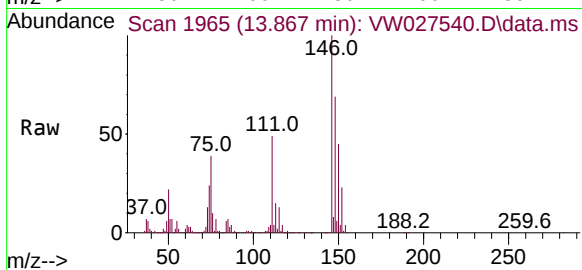
Tgt Ion:146 Resp: 532882

Ion Ratio Lower Upper

146 100

111 49.3 33.4 50.2

148 68.8 51.4 77.2



#68

1,2-Dibromo-3-chloropropane

Concen: 48.206 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. 0.000 min

Lab File: VW027540.D

Acq: 06 Nov 2023 10:07

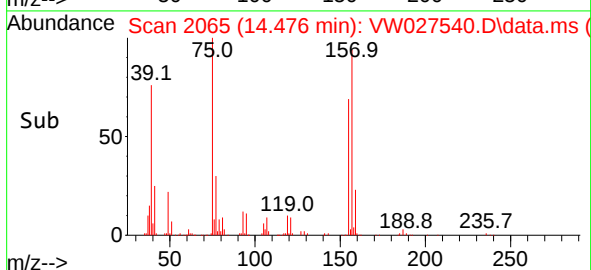
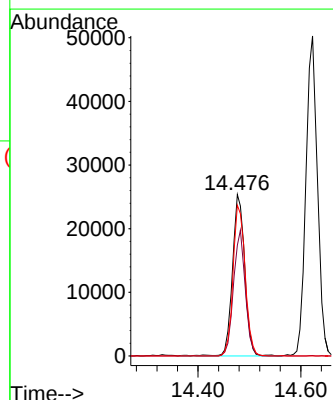
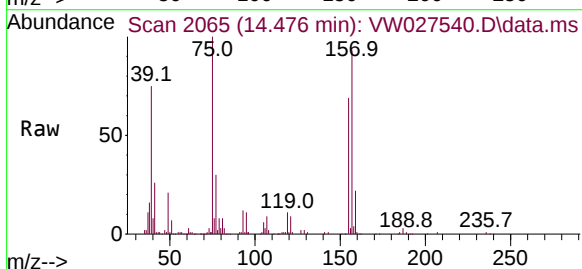
Tgt Ion: 75 Resp: 42040

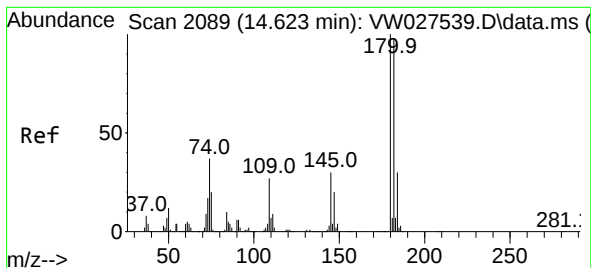
Ion Ratio Lower Upper

75 100

155 68.6 59.0 88.6

157 93.4 68.6 102.8





#69

1,3,5-Trichlorobenzene

Concen: 48.571 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

Lab File: VW027540.D

Acq: 06 Nov 2023 10:07

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:180 Resp: 392753

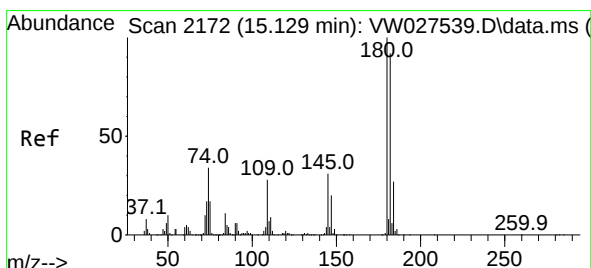
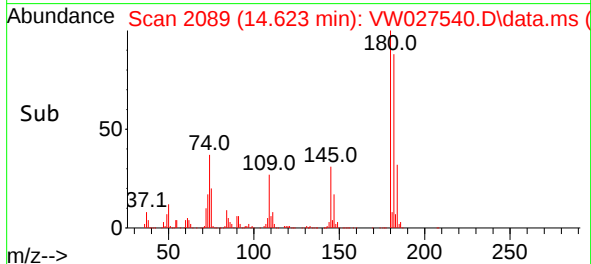
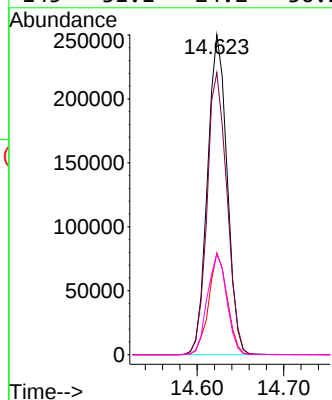
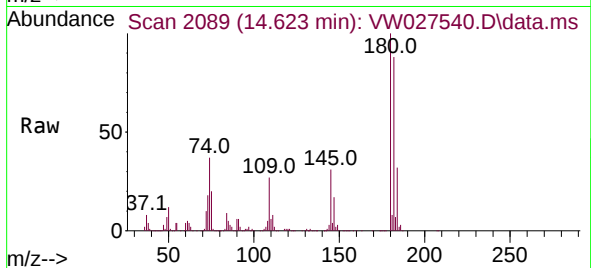
Ion Ratio Lower Upper

180 100

182 89.7 78.4 117.6

184 30.0 23.4 35.0

145 31.1 24.2 36.2



#70

1,2,4-trichlorobenzene

Concen: 48.893 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.000 min

Lab File: VW027540.D

Acq: 06 Nov 2023 10:07

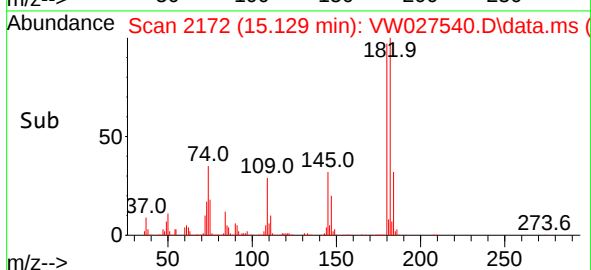
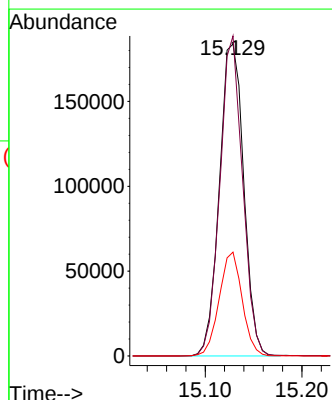
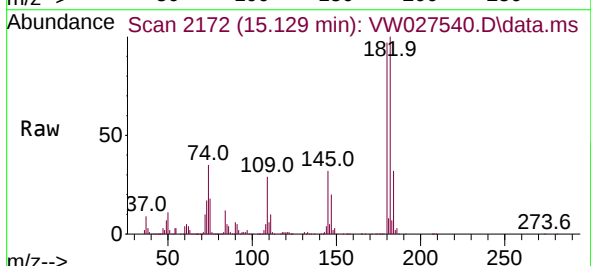
Tgt Ion:180 Resp: 321231

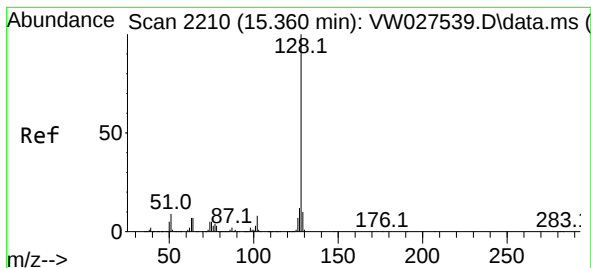
Ion Ratio Lower Upper

180 100

182 95.5 70.3 105.5

145 31.5 24.8 37.2





#71

Naphthalene

Concen: 51.731 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. 0.000 min

Lab File: VW027540.D

Acq: 06 Nov 2023 10:07

Instrument :

MSVOA_W

ClientSampleId :

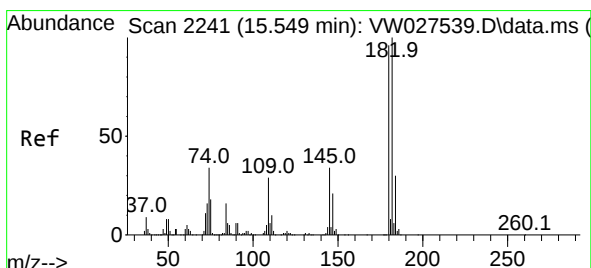
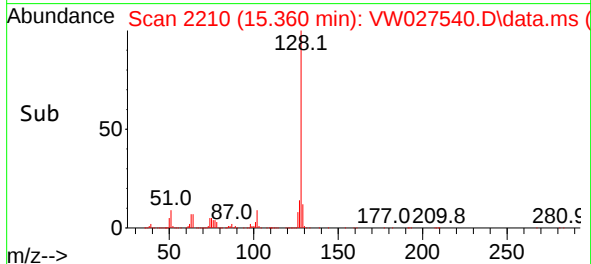
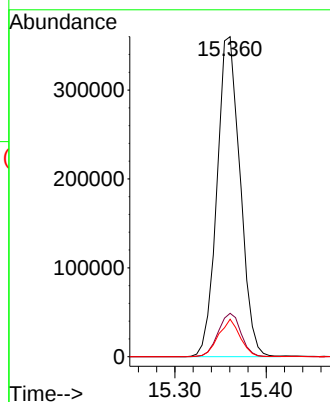
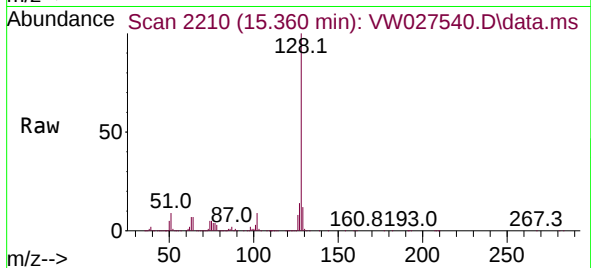
Tgt Ion:128 Resp: 632867

Ion Ratio Lower Upper

128 100

127 13.4 10.4 15.6

129 10.9 8.6 13.0



#72

1,2,3-Trichlorobenzene

Concen: 49.078 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. 0.000 min

Lab File: VW027540.D

Acq: 06 Nov 2023 10:07

Tgt Ion:180 Resp: 268173

Ion Ratio Lower Upper

180 100

182 90.8 76.5 114.7

145 33.2 27.5 41.3

