

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092624\
 Data File : VW030252.D
 Acq On : 26 Sep 2024 11:18
 Operator : SY/MD
 Sample : VSTD025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Sep 27 04:08:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092624SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Sep 27 04:06:56 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	176021	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	161862	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	81668	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	60687	25.552	ug/L	0.00
7) Chloroethane-d5	2.899	69	47428	27.092	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.021	65	29801	25.330	ug/L	0.00
21) 2-Butanone-d5	7.081	46	31301	51.282	ug/L	0.00
24) Chloroform-d	7.648	84	134140	25.737	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	69327	26.079	ug/L	0.00
32) Benzene-d6	8.276	84	264766	25.895	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.270	67	82070	25.926	ug/L	0.00
41) Toluene-d8	10.325	98	240585	26.476	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.575	79	31738	26.452	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	24767	55.893	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	58875	27.228	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.849	152	74095	26.071	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.015	85	49017	25.886	ug/L	100
3) Chloromethane	2.223	50	67300	24.890	ug/L	100
5) Vinyl chloride	2.375	62	68500	25.145	ug/L	100
6) Bromomethane	2.790	94	42532	25.735	ug/L	100
8) Chloroethane	2.936	64	41240	25.867	ug/L	100
9) Trichlorofluoromethane	3.265	101	60265	25.036	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	53851	24.600	ug/L	100
12) 1,1-Dichloroethene	4.045	96	54981	24.634	ug/L	100
13) Acetone	4.131	43	45802	58.859	ug/L	100
14) Carbon disulfide	4.393	76	203353	25.258	ug/L	100
15) Methyl Acetate	4.679	43	27882	24.667	ug/L	100
16) Methylene chloride	4.923	84	63913	23.705	ug/L	100
17) trans-1,2-Dichloroethene	5.429	96	63775	25.079	ug/L	100
18) Methyl tert-butyl Ether	5.429	73	92414	26.523	ug/L	100
19) 1,1-Dichloroethane	6.216	63	127914	24.948	ug/L	100
20) cis-1,2-Dichloroethene	7.173	96	68422	25.125	ug/L	100
22) 2-Butanone	7.173	43	52218	53.693	ug/L	100
23) Bromochloromethane	7.514	128	28915	26.026	ug/L	100
25) Chloroform	7.679	83	125272	25.110	ug/L	100
27) 1,2-Dichloroethane	8.398	62	83009	25.694	ug/L	100
29) Cyclohexane	7.959	56	104931	25.478	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	99851	24.921	ug/L	100
31) Carbon tetrachloride	8.075	117	90752	25.000	ug/L	100
33) Benzene	8.325	78	279182	25.170	ug/L	100
34) Trichloroethene	9.087	95	70230	24.409	ug/L	100
35) Methylcyclohexane	9.337	83	114273	25.257	ug/L	100
37) 1,2-Dichloropropane	9.368	63	73151	24.882	ug/L	100
38) Bromodichloromethane	9.642	83	88047	25.715	ug/L	100
39) cis-1,3-Dichloropropene	10.069	75	108823	26.067	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	79303	54.683	ug/L	100
42) Toluene	10.386	91	294823	25.756	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	89049	26.253	ug/L	100

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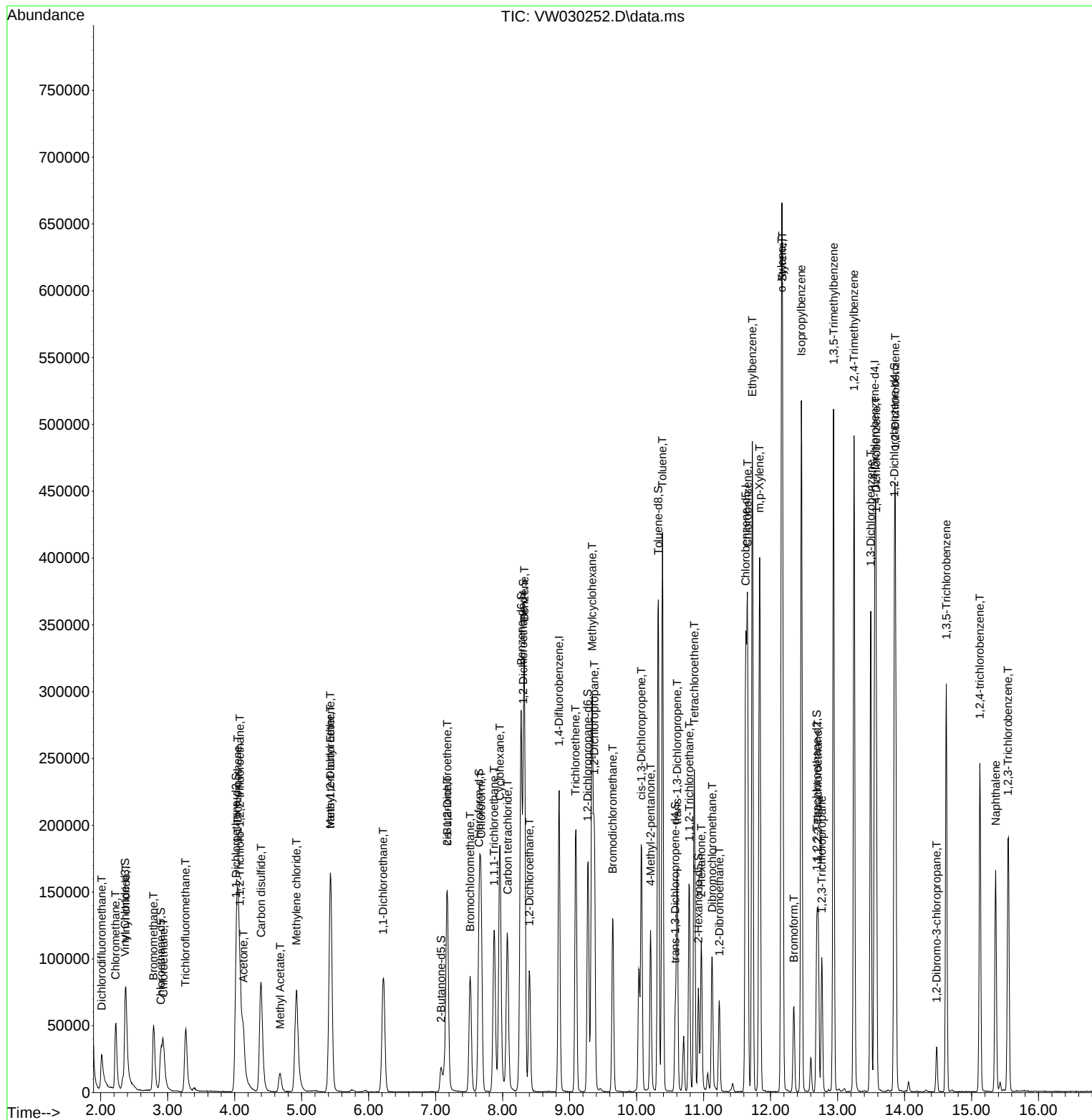
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.788	97	47890	25.569	ug/L	100
46) Tetrachloroethene	10.861	164	48688	24.198	ug/L	100
48) 2-Hexanone	10.965	43	70110	57.486	ug/L	100
49) Dibromochloromethane	11.130	129	52412	26.074	ug/L	100
50) 1,2-Dibromoethane	11.233	107	45843	26.049	ug/L	100
51) Chlorobenzene	11.654	112	173931	24.712	ug/L	100
52) Ethylbenzene	11.727	91	336257	25.991	ug/L	100
53) m,p-Xylene	11.837	106	122042	26.032	ug/L	100
54) o-Xylene	12.166	106	115430	26.213	ug/L	100
55) Styrene	12.178	104	197788	26.681	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.709	83	57914	26.127	ug/L	100
59) Bromoform	12.349	173	29462	25.911	ug/L	100
60) Isopropylbenzene	12.459	105	317932	25.484	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	40806	25.421	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	254756	26.237	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	250428	26.299	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	135715	25.574	ug/L	100
65) 1,4-Dichlorobenzene	13.574	146	133561	24.597	ug/L	100
67) 1,2-Dichlorobenzene	13.861	146	116823	25.270	ug/L	100
68) 1,2-Dibromo-3-chloropr...	14.476	75	8926	25.254	ug/L	100
69) 1,3,5-Trichlorobenzene	14.623	180	87164	25.149	ug/L	100
70) 1,2,4-trichlorobenzene	15.123	180	71776	25.574	ug/L	100
71) Naphthalene	15.360	128	132479	27.195	ug/L	100
72) 1,2,3-Trichlorobenzene	15.543	180	62061	25.357	ug/L	100

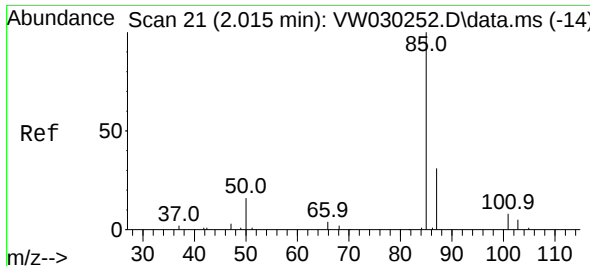
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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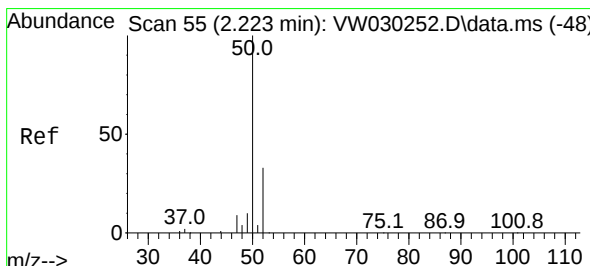
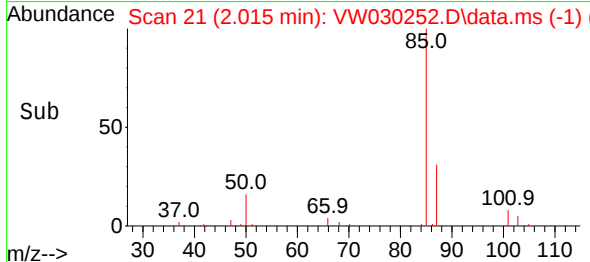
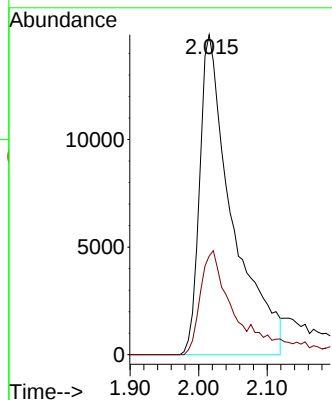
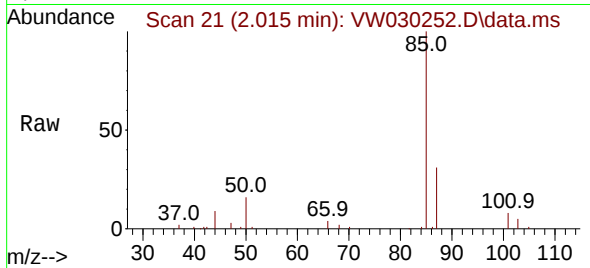




#2
Dichlorodifluoromethane
Concen: 25.886 ug/L
RT: 2.015 min Scan# 21
Delta R.T. 0.000 min
Lab File: VW030252.D
Acq: 26 Sep 2024 11:18

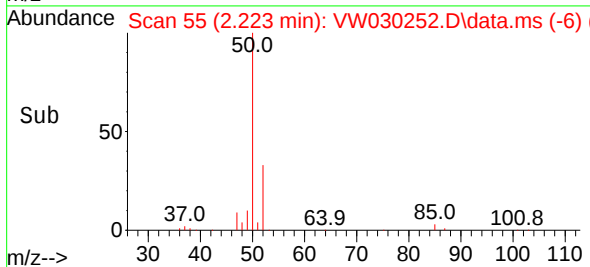
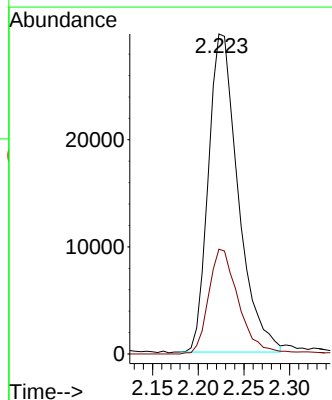
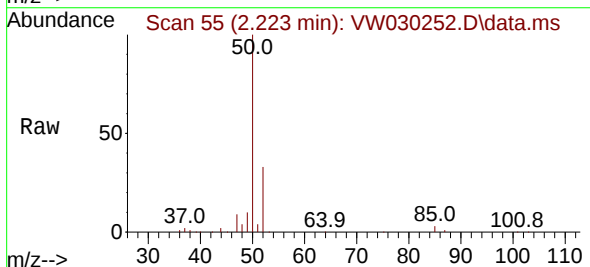
Instrument :
MSVOA_W
ClientSampleId :

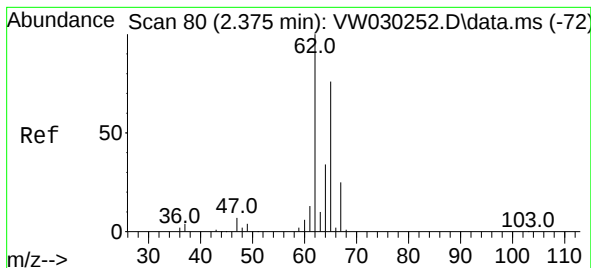
Tgt Ion: 85 Resp: 49017
Ion Ratio Lower Upper
85 100
87 27.8 22.2 33.4



#3
Chloromethane
Concen: 24.890 ug/L
RT: 2.223 min Scan# 55
Delta R.T. 0.000 min
Lab File: VW030252.D
Acq: 26 Sep 2024 11:18

Tgt Ion: 50 Resp: 67300
Ion Ratio Lower Upper
50 100
52 32.8 23.0 42.6





#5

Vinyl chloride

Concen: 25.145 ug/L

RT: 2.375 min Scan# 80

Delta R.T. 0.000 min

Lab File: VW030252.D

Acq: 26 Sep 2024 11:18

Instrument :

MSVOA_W

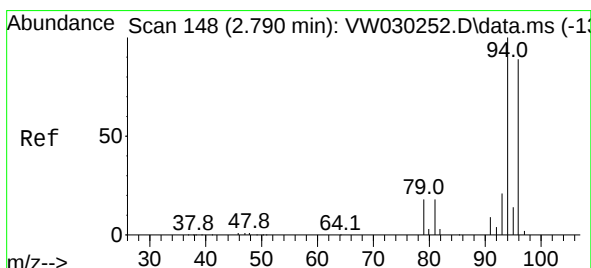
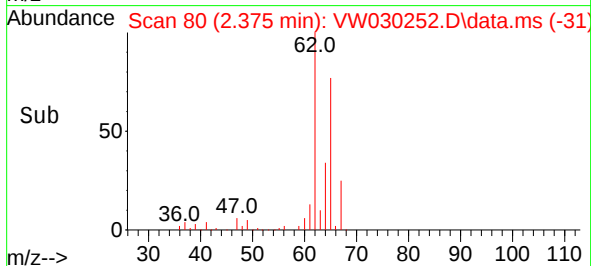
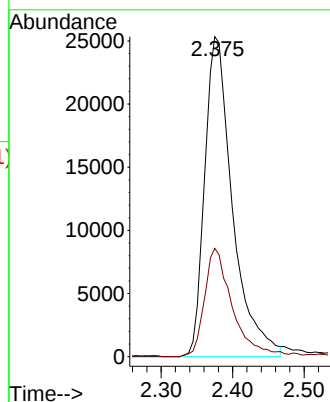
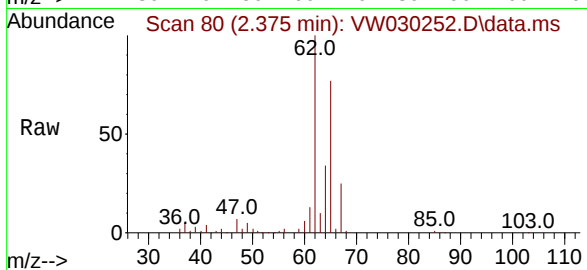
ClientSampleId :

Tgt Ion: 62 Resp: 68500

Ion Ratio Lower Upper

62 100

64 33.9 23.7 44.1



#6

Bromomethane

Concen: 25.735 ug/L

RT: 2.790 min Scan# 148

Delta R.T. 0.000 min

Lab File: VW030252.D

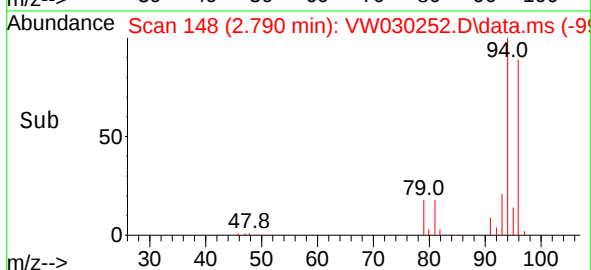
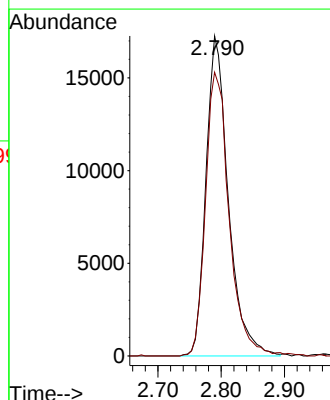
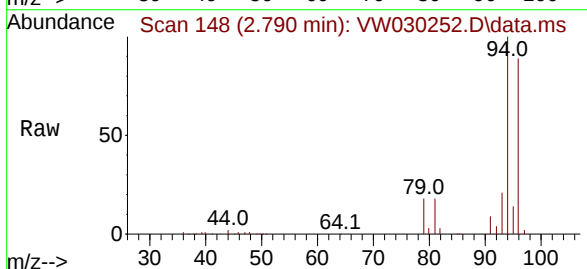
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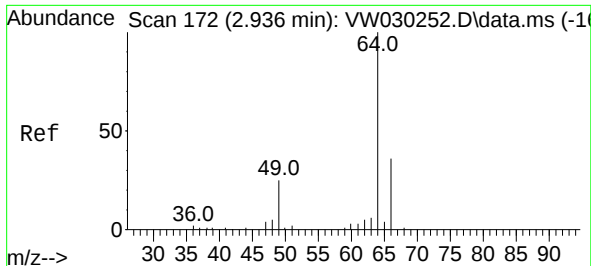
Tgt Ion: 94 Resp: 42532

Ion Ratio Lower Upper

94 100

96 88.6 62.0 115.2

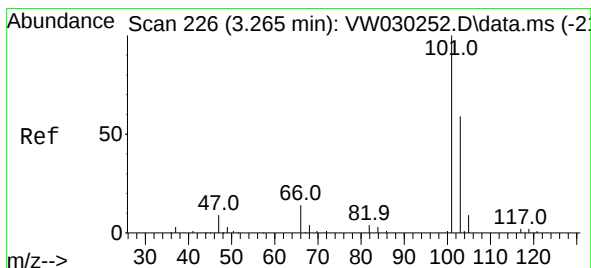
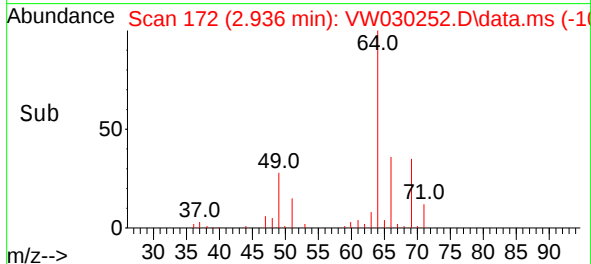
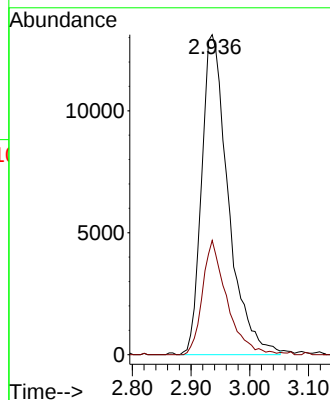
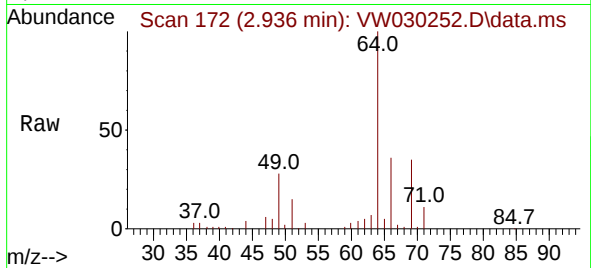




#8
Chloroethane
Concen: 25.867 ug/L
RT: 2.936 min Scan# 172
Delta R.T. 0.000 min
Lab File: VW030252.D
Acq: 26 Sep 2024 11:18

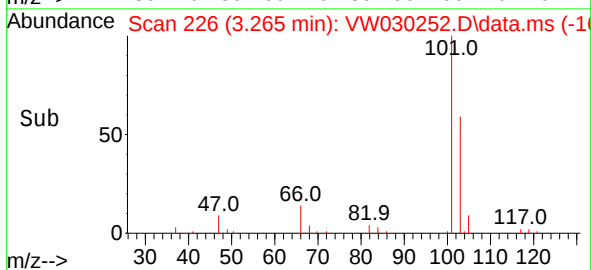
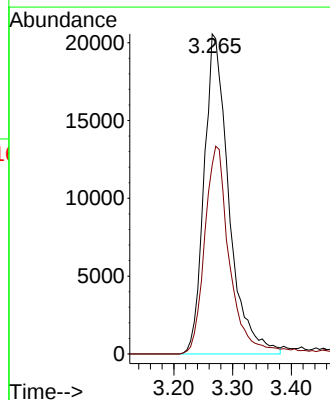
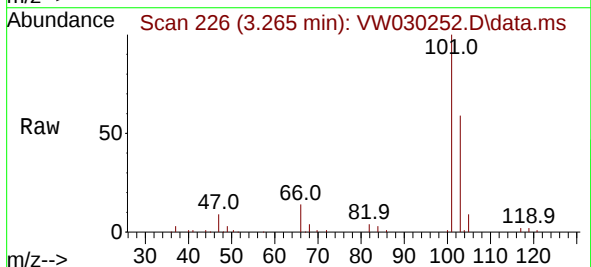
Instrument :
MSVOA_W
ClientSampleId :

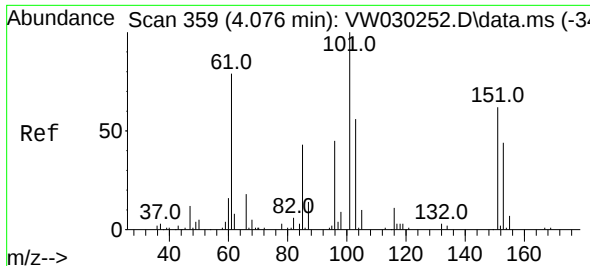
Tgt Ion: 64 Resp: 41240
Ion Ratio Lower Upper
64 100
66 35.7 25.0 46.4



#9
Trichlorofluoromethane
Concen: 25.036 ug/L
RT: 3.265 min Scan# 226
Delta R.T. 0.000 min
Lab File: VW030252.D
Acq: 26 Sep 2024 11:18

Tgt Ion:101 Resp: 60265
Ion Ratio Lower Upper
101 100
103 64.4 51.5 77.3





#10

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

Concen: 24.600 ug/L

RT: 4.076 min Scan# 359

Delta R.T. 0.000 min

Lab File: VW030252.D

Acq: 26 Sep 2024 11:18

Instrument :

MSVOA_W

ClientSampleId :

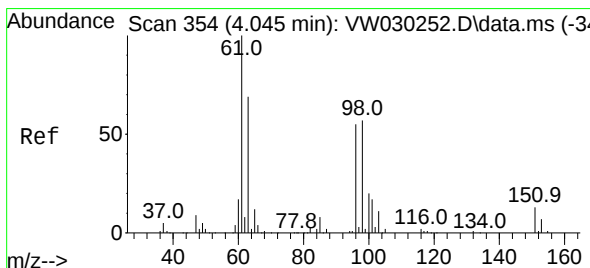
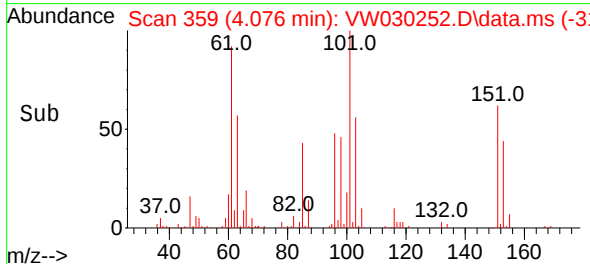
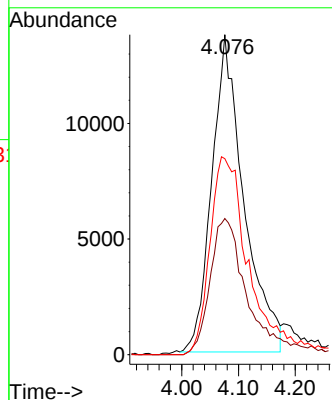
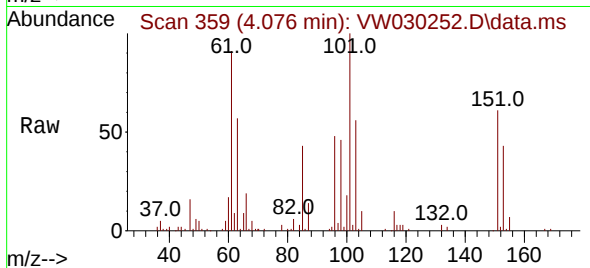
Tgt Ion:101 Resp: 53851

Ion Ratio Lower Upper

101 100

85 48.2 38.6 57.8

151 42.3 33.8 50.8



#12

1,1-Dichloroethene

Concen: 24.634 ug/L

RT: 4.045 min Scan# 354

Delta R.T. 0.000 min

Lab File: VW030252.D

Acq: 26 Sep 2024 11:18

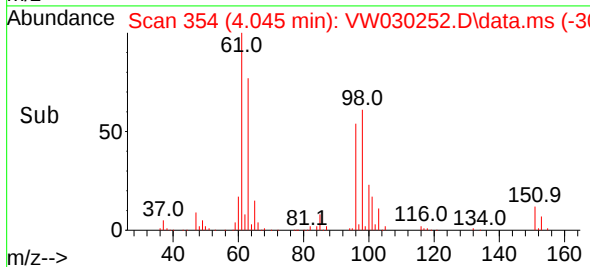
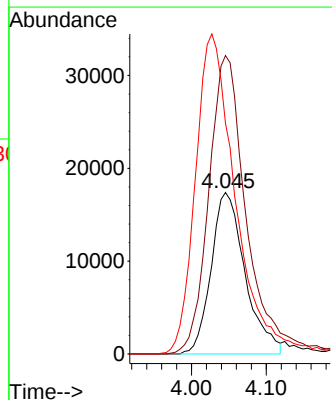
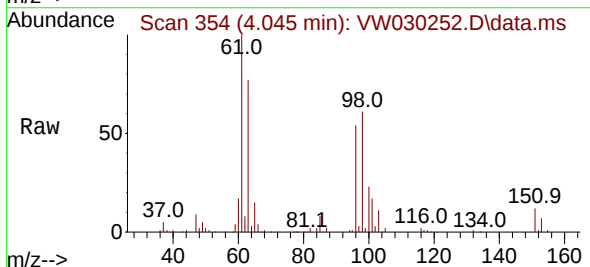
Tgt Ion: 96 Resp: 54981

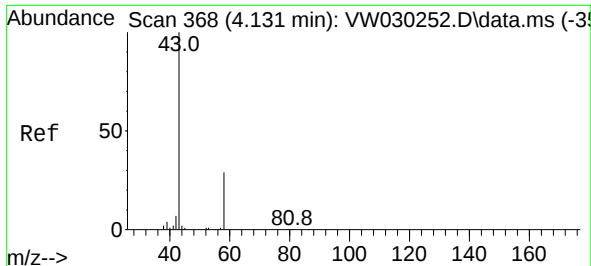
Ion Ratio Lower Upper

96 100

61 184.8 129.4 240.2

63 142.9 100.0 185.8

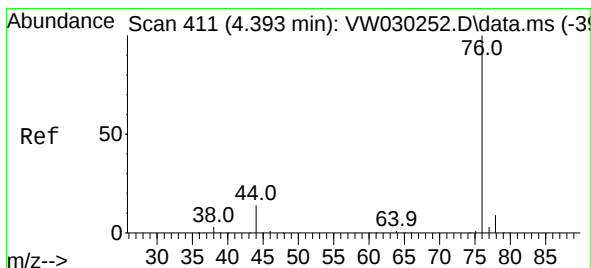
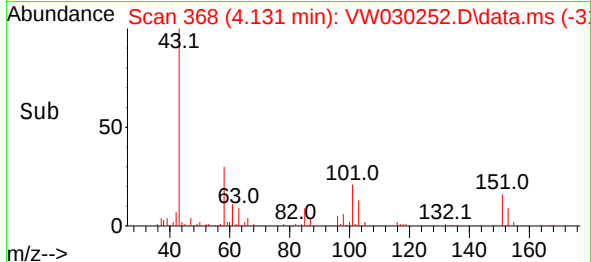
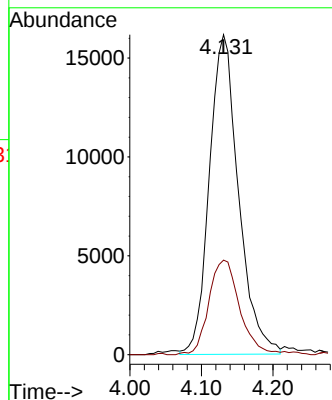
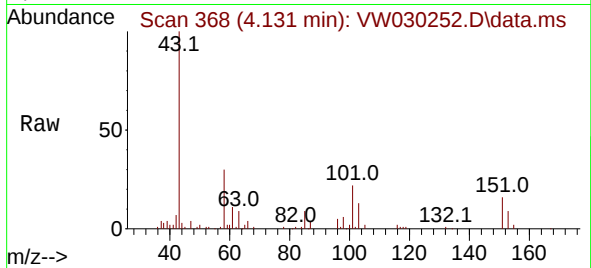




#13
Acetone
Concen: 58.859 ug/L
RT: 4.131 min Scan# 368
Delta R.T. 0.000 min
Lab File: VW030252.D
Acq: 26 Sep 2024 11:18

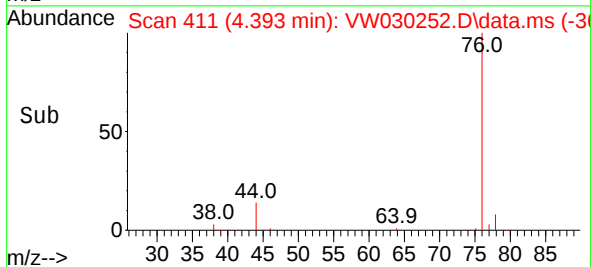
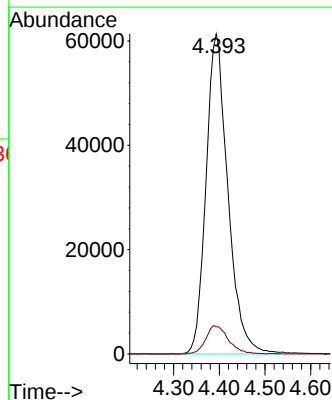
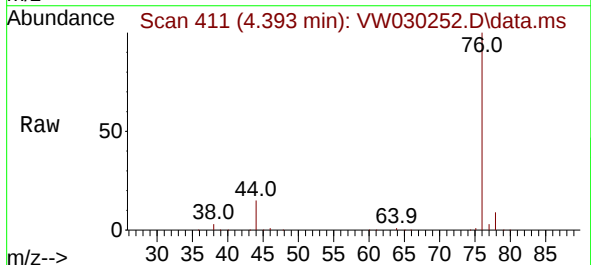
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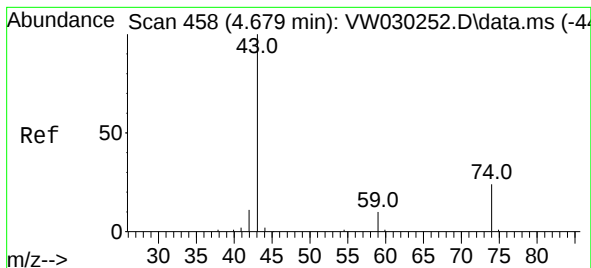
Tgt Ion: 43 Resp: 45802
Ion Ratio Lower Upper
43 100
58 31.0 0.0 62.0



#14
Carbon disulfide
Concen: 25.258 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.000 min
Lab File: VW030252.D
Acq: 26 Sep 2024 11:18

Tgt Ion: 76 Resp: 203353
Ion Ratio Lower Upper
76 100
78 8.5 6.8 10.2





#15

Methyl Acetate

Concen: 24.667 ug/L

RT: 4.679 min Scan# 4

Delta R.T. 0.000 min

Lab File: VW030252.D

Acq: 26 Sep 2024 11:18

Instrument :

MSVOA_W

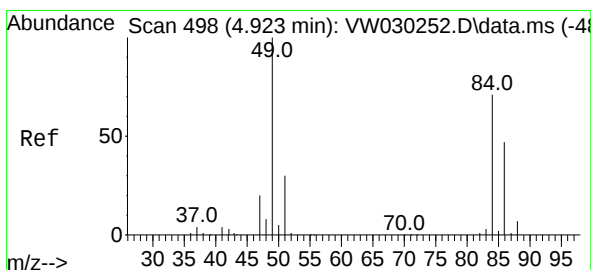
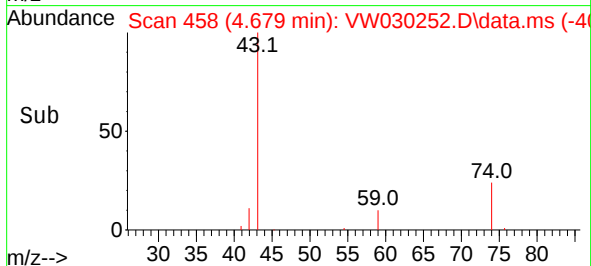
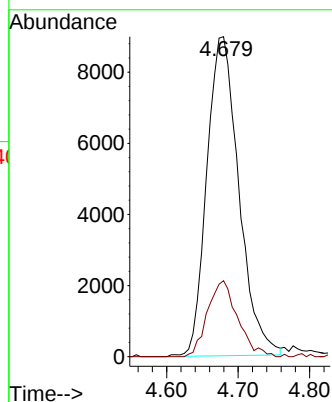
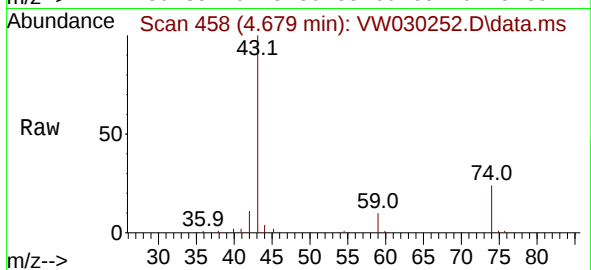
ClientSampleId :

Tgt Ion: 43 Resp: 27882

Ion Ratio Lower Upper

43 100

74 21.6 17.3 25.9



#16

Methylene chloride

Concen: 23.705 ug/L

RT: 4.923 min Scan# 498

Delta R.T. 0.000 min

Lab File: VW030252.D

Acq: 26 Sep 2024 11:18

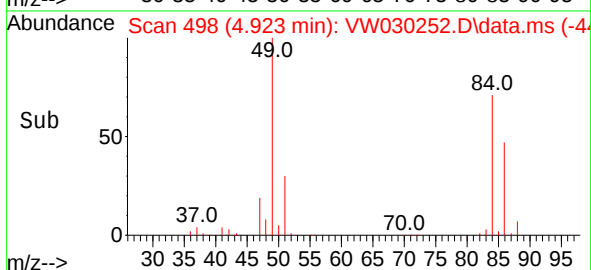
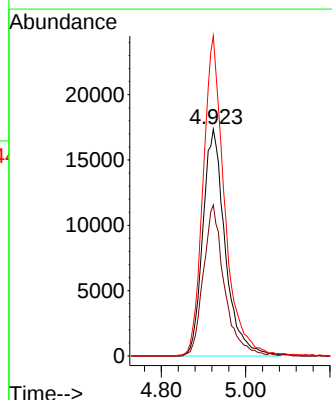
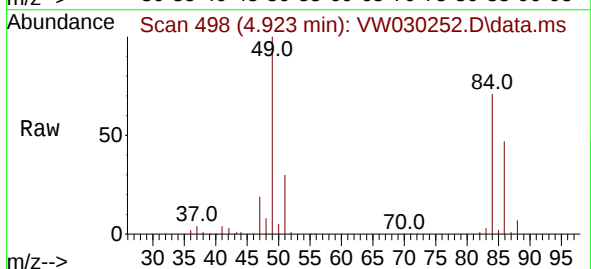
Tgt Ion: 84 Resp: 63913

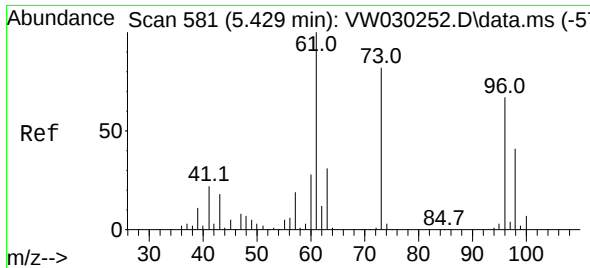
Ion Ratio Lower Upper

84 100

86 66.7 46.7 86.7

49 141.2 98.8 183.6

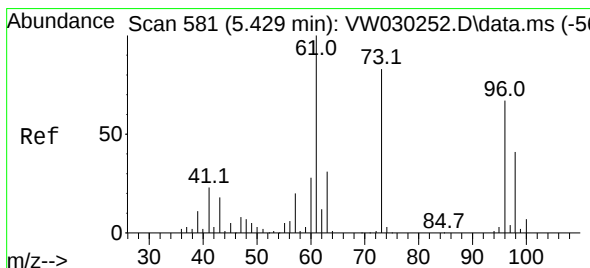
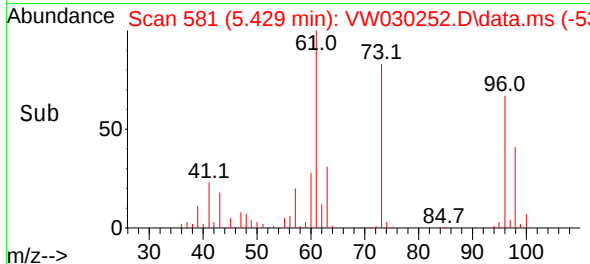
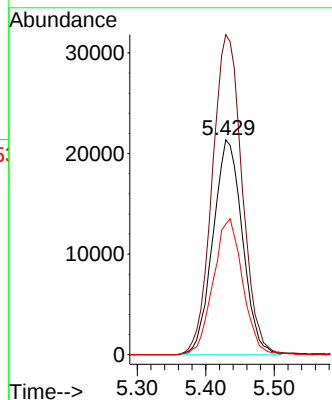
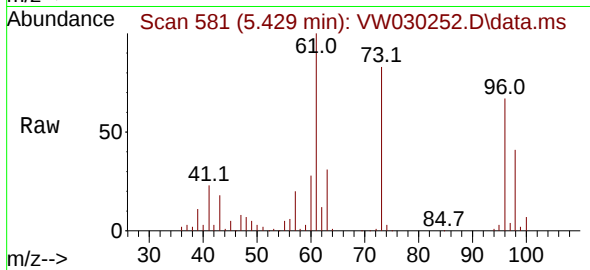




#17
trans-1,2-Dichloroethene
Concen: 25.079 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.000 min
Lab File: VW030252.D
Acq: 26 Sep 2024 11:18

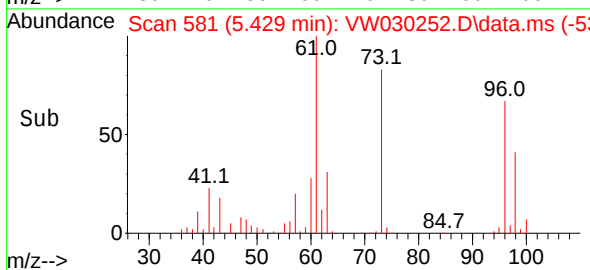
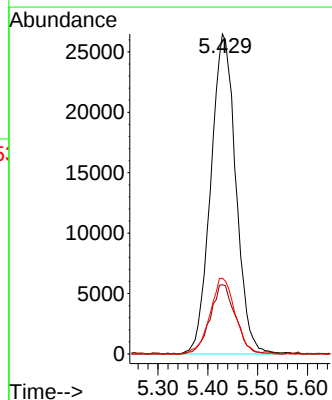
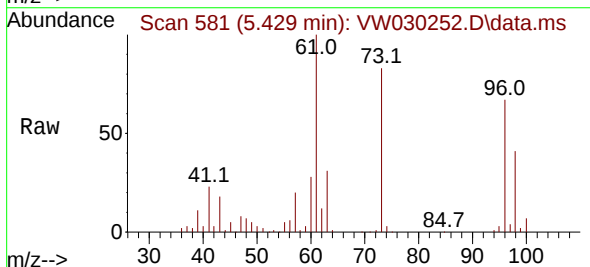
Instrument :
MSVOA_W
ClientSampleId :

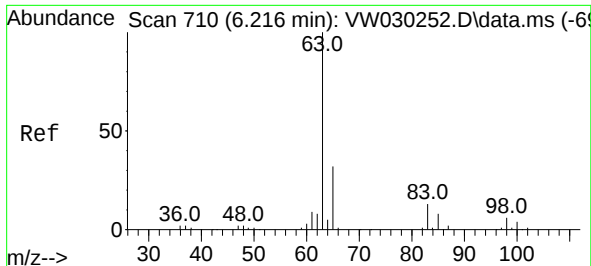
Tgt Ion: 96 Resp: 63775
Ion Ratio Lower Upper
96 100
61 149.0 104.3 193.7
98 60.8 42.6 79.0



#18
Methyl tert-butyl Ether
Concen: 26.523 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.000 min
Lab File: VW030252.D
Acq: 26 Sep 2024 11:18

Tgt Ion: 73 Resp: 92414
Ion Ratio Lower Upper
73 100
43 21.8 17.4 26.2
57 23.8 19.0 28.6





#19

1,1-Dichloroethane

Concen: 24.948 ug/L

RT: 6.216 min Scan# 710

Delta R.T. 0.000 min

Lab File: VW030252.D

Acq: 26 Sep 2024 11:18

Instrument :

MSVOA_W

ClientSampleId :

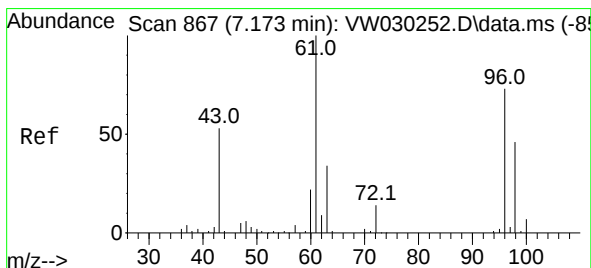
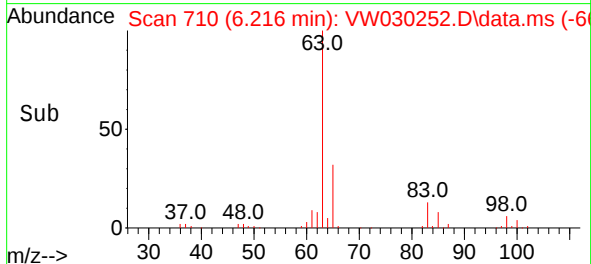
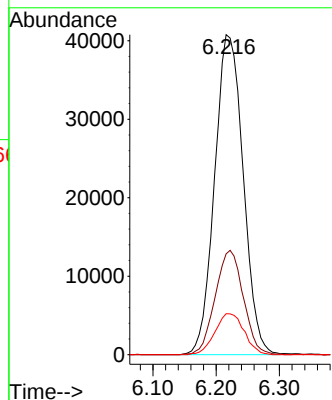
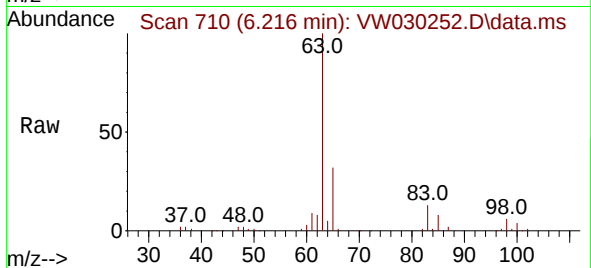
Tgt Ion: 63 Resp: 127914

Ion Ratio Lower Upper

63 100

65 31.5 22.0 41.0

83 12.8 9.0 16.6



#20

cis-1,2-Dichloroethene

Concen: 25.125 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.000 min

Lab File: VW030252.D

Acq: 26 Sep 2024 11:18

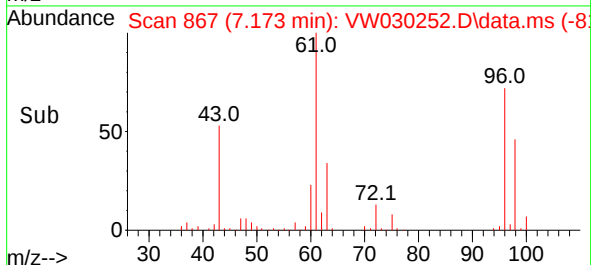
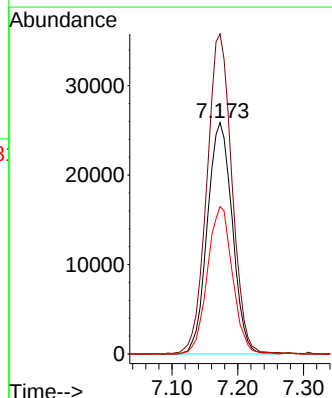
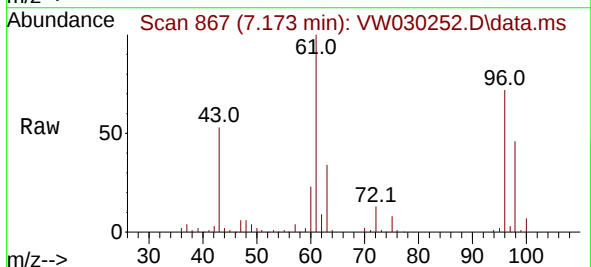
Tgt Ion: 96 Resp: 68422

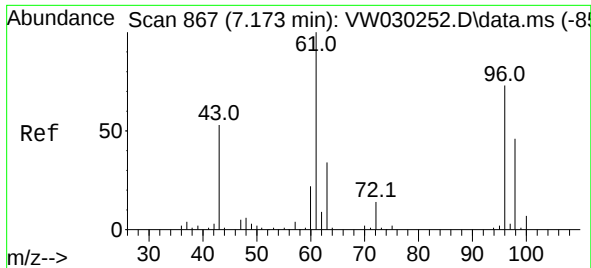
Ion Ratio Lower Upper

96 100

61 138.3 96.8 179.8

98 63.7 44.6 82.8





#22

2-Butanone

Concen: 53.693 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.000 min

Lab File: VW030252.D

Acq: 26 Sep 2024 11:18

Instrument :

MSVOA_W

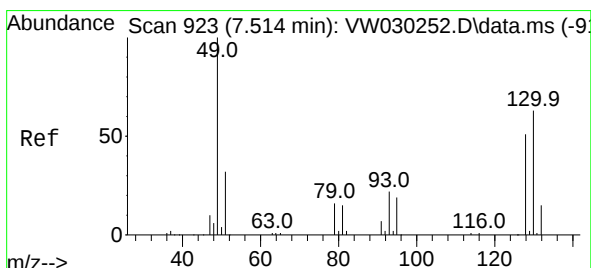
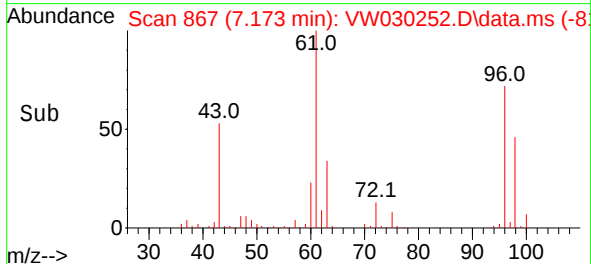
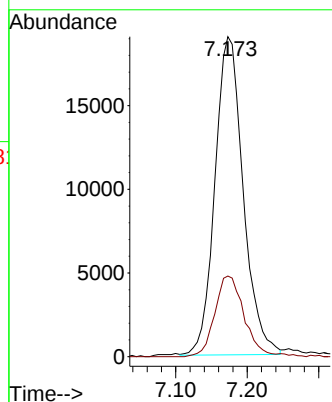
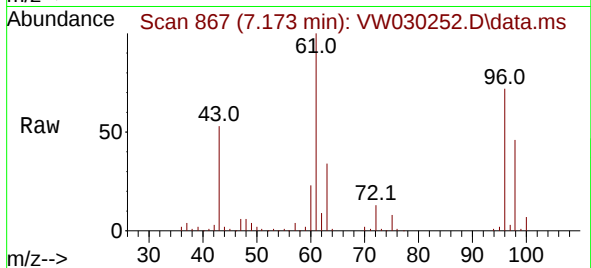
ClientSampleId :

Tgt Ion: 43 Resp: 52218

Ion Ratio Lower Upper

43 100

72 26.0 13.0 39.0



#23

Bromochloromethane

Concen: 26.026 ug/L

RT: 7.514 min Scan# 923

Delta R.T. 0.000 min

Lab File: VW030252.D

Acq: 26 Sep 2024 11:18

Tgt Ion: 128 Resp: 28915

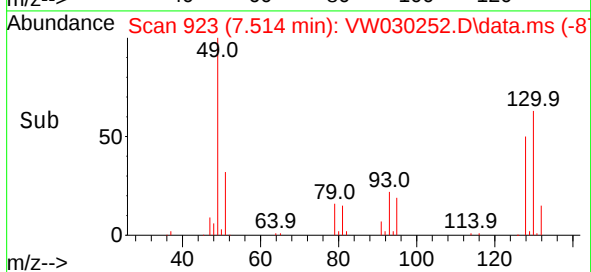
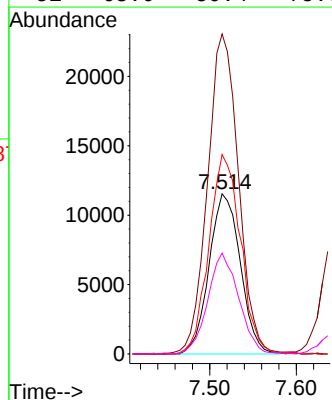
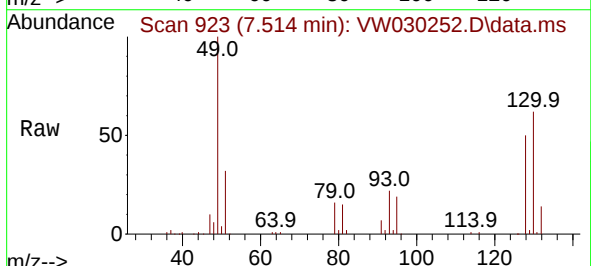
Ion Ratio Lower Upper

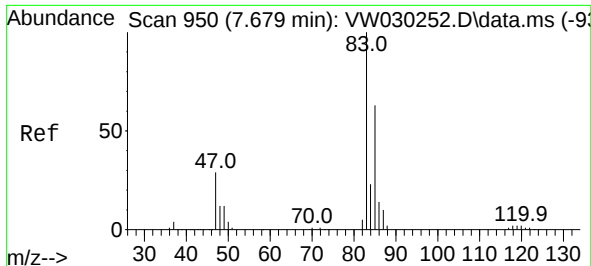
128 100

49 199.8 139.9 259.7

130 124.5 87.2 161.9

51 63.0 50.4 75.6





#25

Chloroform

Concen: 25.110 ug/L

RT: 7.679 min Scan# 950

Delta R.T. 0.000 min

Lab File: VW030252.D

Acq: 26 Sep 2024 11:18

Instrument :

MSVOA_W

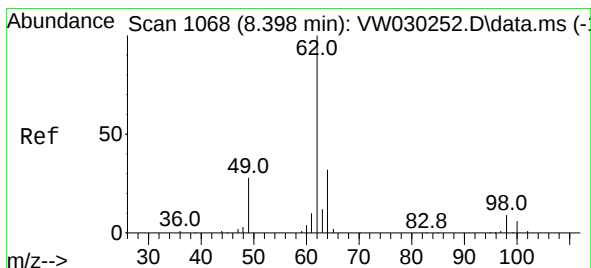
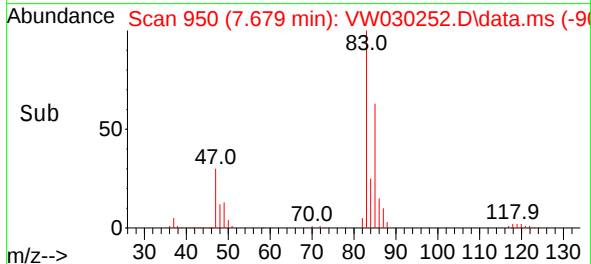
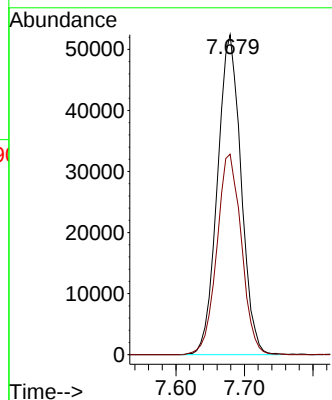
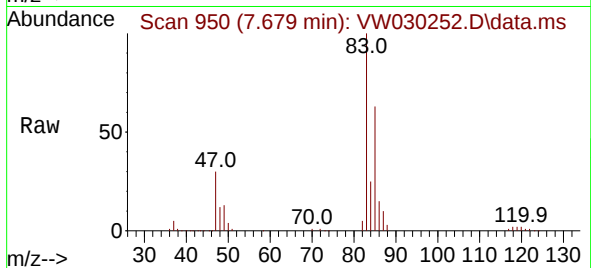
ClientSampleId :

Tgt Ion: 83 Resp: 125272

Ion Ratio Lower Upper

83 100

85 62.6 43.8 81.4



#27

1,2-Dichloroethane

Concen: 25.694 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. 0.000 min

Lab File: VW030252.D

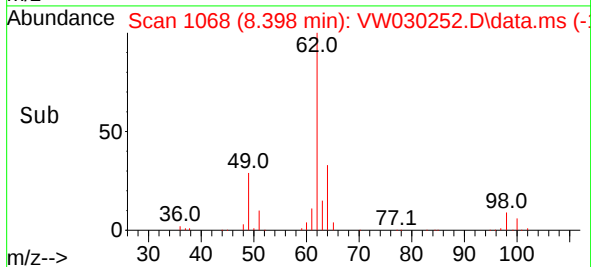
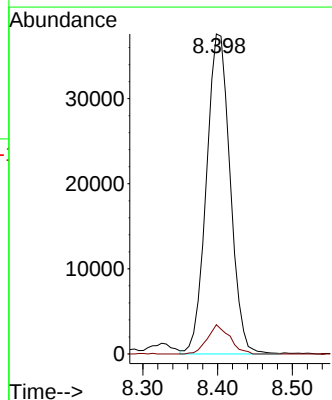
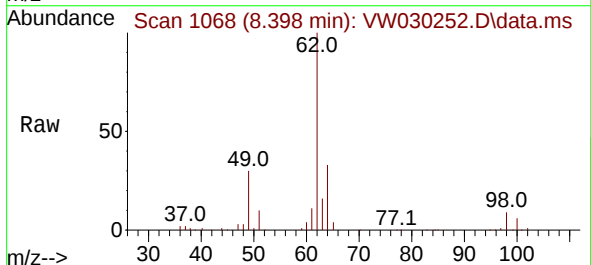
Acq: 26 Sep 2024 11:18

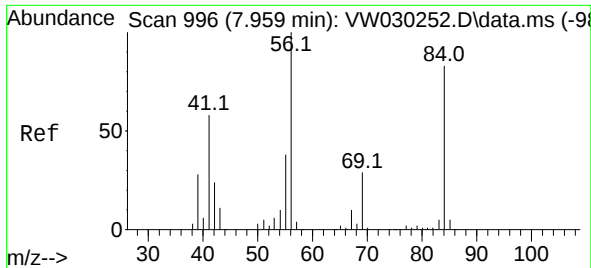
Tgt Ion: 62 Resp: 83009

Ion Ratio Lower Upper

62 100

98 9.2 7.4 11.0

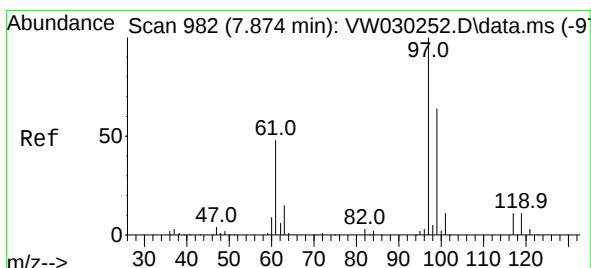
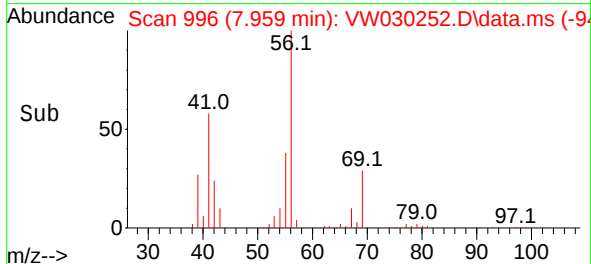
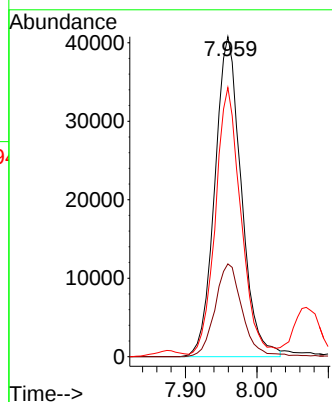
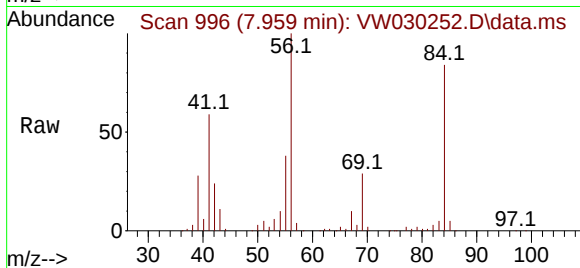




#29
Cyclohexane
Concen: 25.478 ug/L
RT: 7.959 min Scan# 996
Delta R.T. 0.000 min
Lab File: VW030252.D
Acq: 26 Sep 2024 11:18

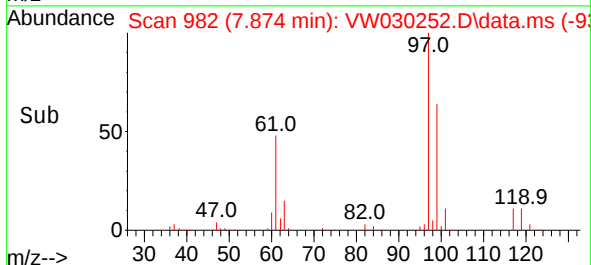
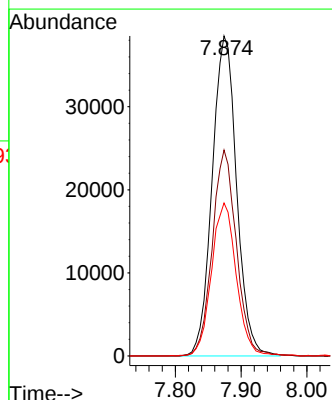
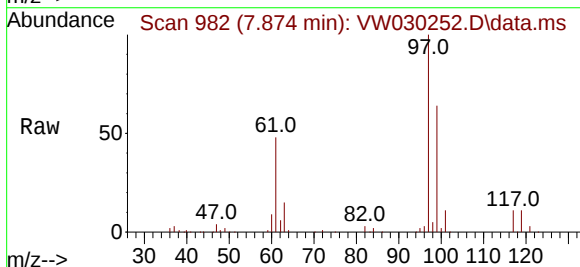
Instrument :
MSVOA_W
ClientSampleId :

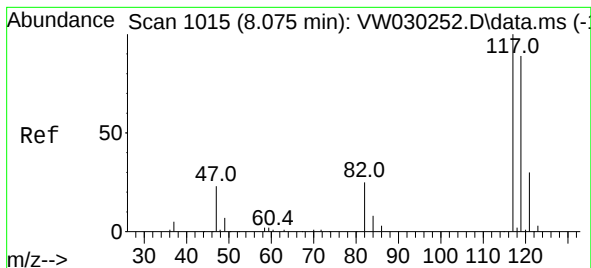
Tgt Ion: 56 Resp: 104931
Ion Ratio Lower Upper
56 100
69 29.2 23.4 35.0
84 81.5 65.2 97.8



#30
1,1,1-Trichloroethane
Concen: 24.921 ug/L
RT: 7.874 min Scan# 982
Delta R.T. 0.000 min
Lab File: VW030252.D
Acq: 26 Sep 2024 11:18

Tgt Ion: 97 Resp: 99851
Ion Ratio Lower Upper
97 100
99 63.5 50.8 76.2
61 48.5 38.8 58.2





#31

Carbon tetrachloride

Concen: 25.000 ug/L

RT: 8.075 min Scan# 1015

Delta R.T. 0.000 min

Lab File: VW030252.D

Acq: 26 Sep 2024 11:18

Instrument :

MSVOA_W

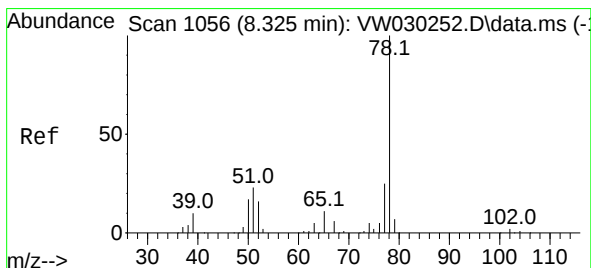
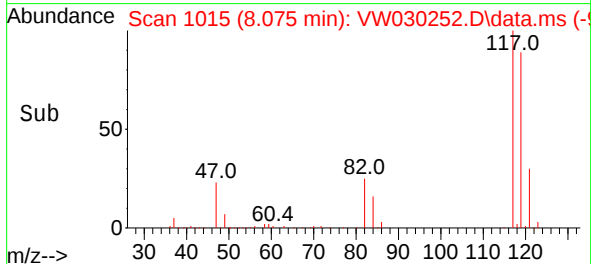
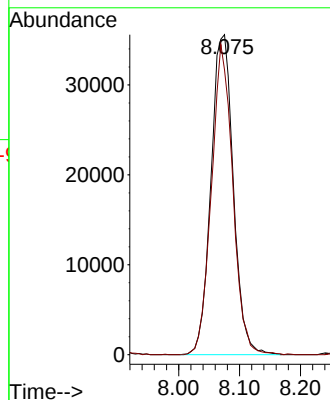
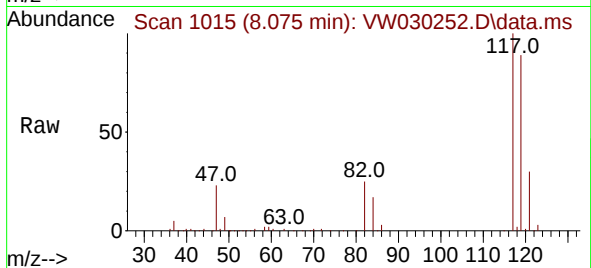
ClientSampleId :

Tgt Ion:117 Resp: 90752

Ion Ratio Lower Upper

117 100

119 92.2 73.8 110.6



#33

Benzene

Concen: 25.170 ug/L

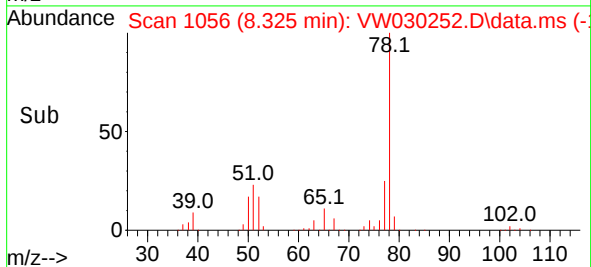
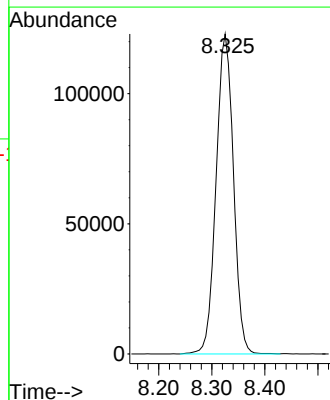
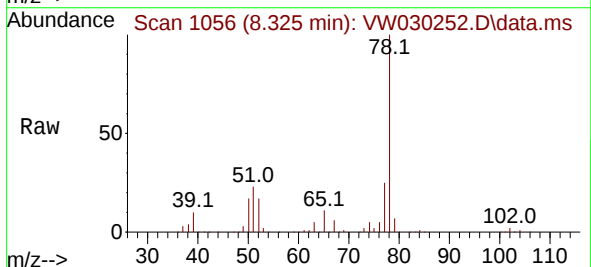
RT: 8.325 min Scan# 1056

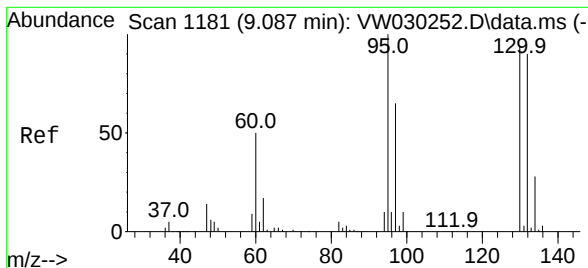
Delta R.T. 0.000 min

Lab File: VW030252.D

Acq: 26 Sep 2024 11:18

Tgt Ion: 78 Resp: 279182





#34

Trichloroethene

Concen: 24.409 ug/L

RT: 9.087 min Scan# 1181

Delta R.T. 0.000 min

Lab File: VW030252.D

Acq: 26 Sep 2024 11:18

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 70230

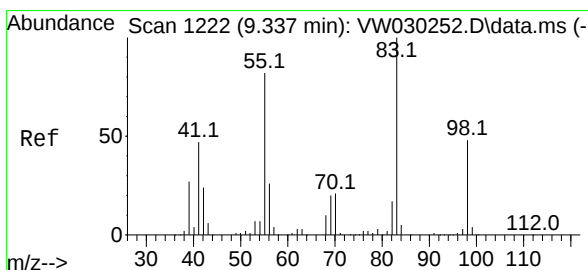
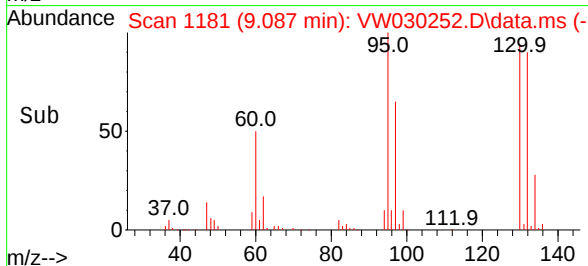
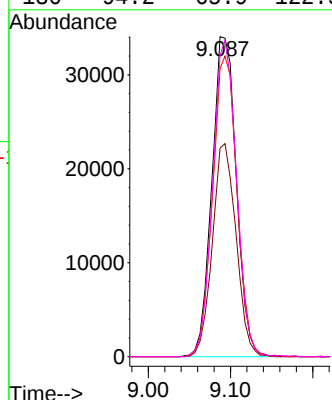
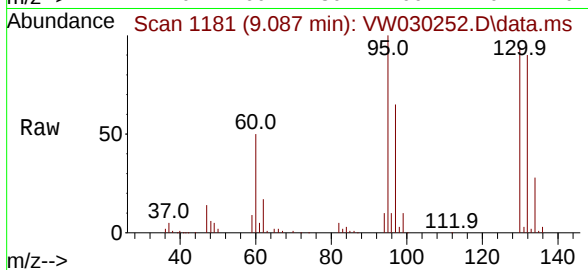
Ion Ratio Lower Upper

95 100

97 65.2 45.6 84.8

132 90.0 63.0 117.0

130 94.2 65.9 122.5



#35

Methylcyclohexane

Concen: 25.257 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VW030252.D

Acq: 26 Sep 2024 11:18

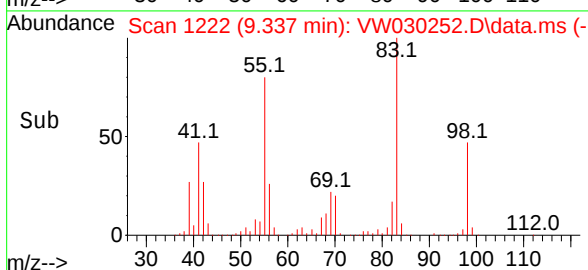
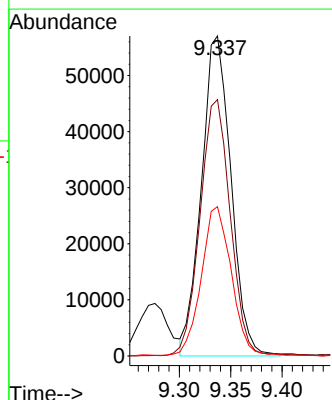
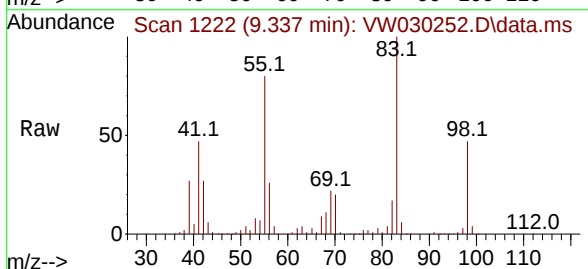
Tgt Ion: 83 Resp: 114273

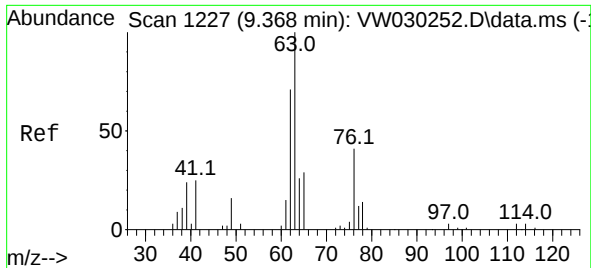
Ion Ratio Lower Upper

83 100

55 82.2 65.8 98.6

98 47.5 38.0 57.0





#37

1,2-Dichloropropane

Concen: 24.882 ug/L

RT: 9.368 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VW030252.D

Acq: 26 Sep 2024 11:18

Instrument :

MSVOA_W

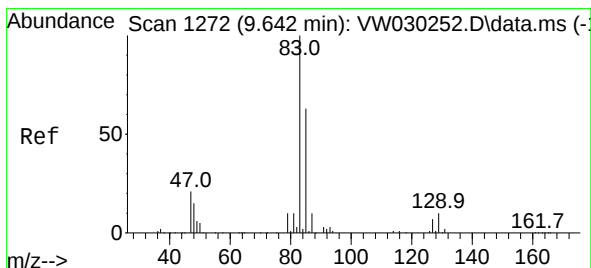
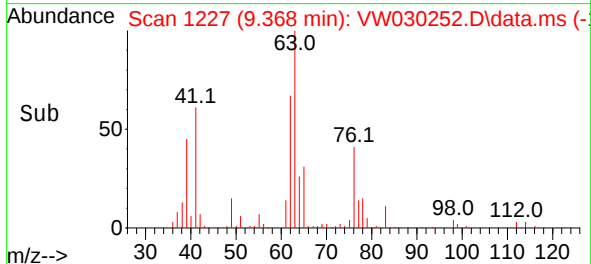
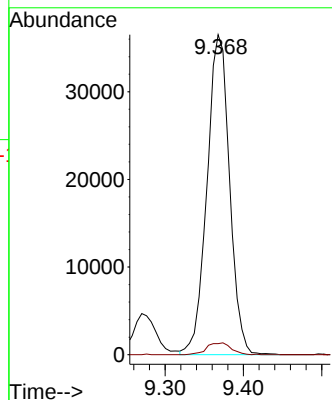
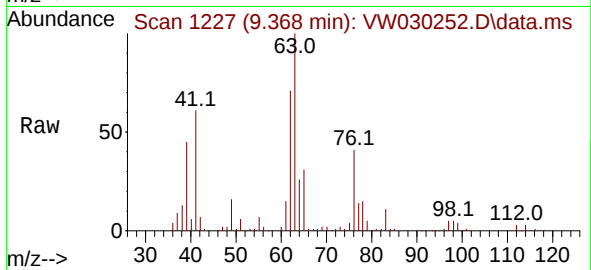
ClientSampleId :

Tgt Ion: 63 Resp: 73151

Ion Ratio Lower Upper

63 100

112 4.0 3.2 4.8



#38

Bromodichloromethane

Concen: 25.715 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW030252.D

Acq: 26 Sep 2024 11:18

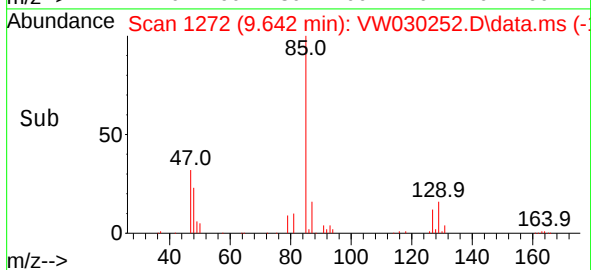
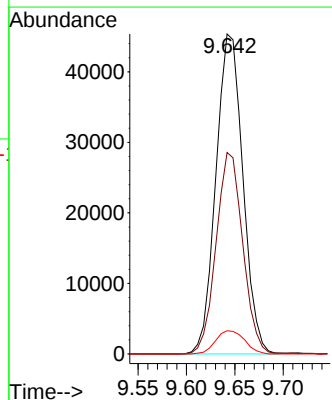
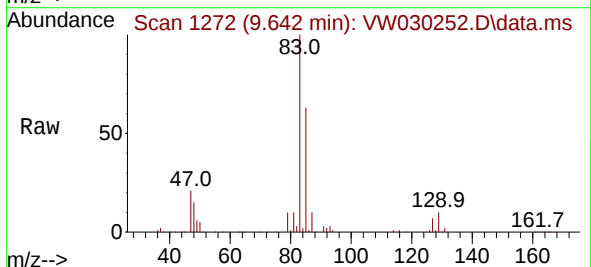
Tgt Ion: 83 Resp: 88047

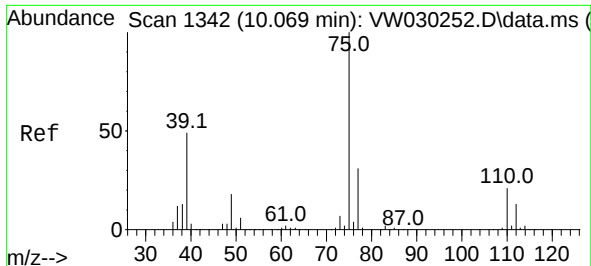
Ion Ratio Lower Upper

83 100

85 63.0 44.1 81.9

127 7.3 5.8 8.8

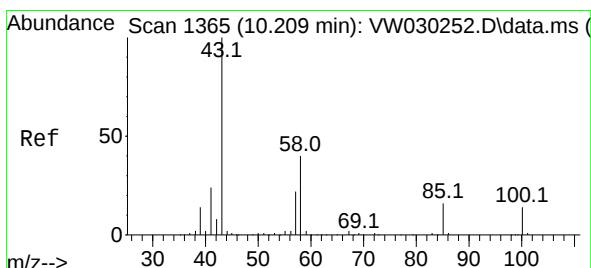
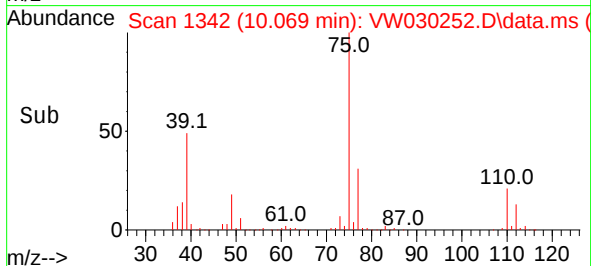
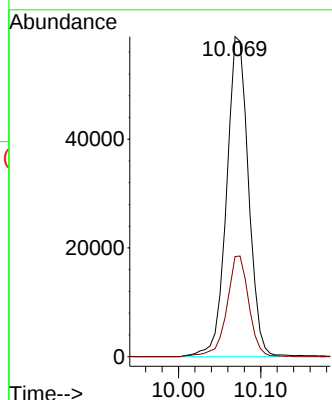
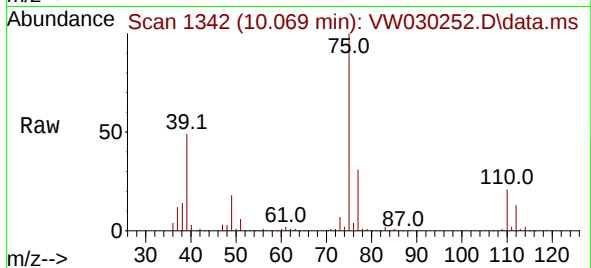




#39
cis-1,3-Dichloropropene
Concen: 26.067 ug/L
RT: 10.069 min Scan# 1342
Delta R.T. 0.000 min
Lab File: VW030252.D
Acq: 26 Sep 2024 11:18

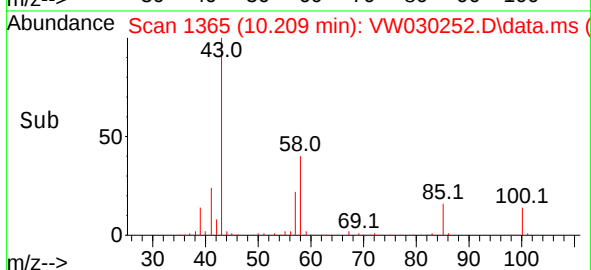
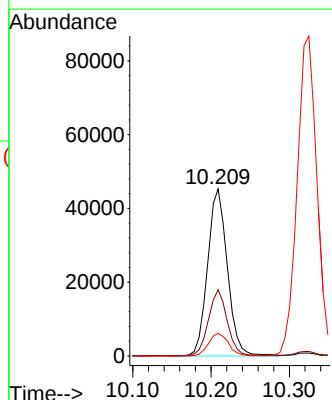
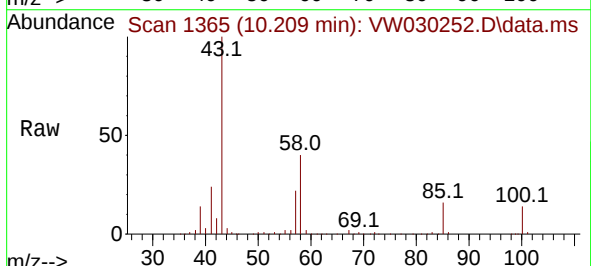
Instrument :
MSVOA_W
ClientSampleId :

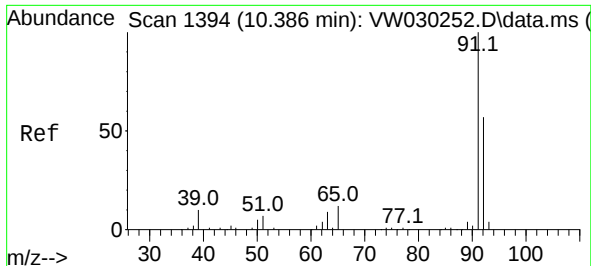
Tgt Ion: 75 Resp: 108823
Ion Ratio Lower Upper
75 100
77 31.3 21.9 40.7



#40
4-Methyl-2-pentanone
Concen: 54.683 ug/L
RT: 10.209 min Scan# 1365
Delta R.T. 0.000 min
Lab File: VW030252.D
Acq: 26 Sep 2024 11:18

Tgt Ion: 43 Resp: 79303
Ion Ratio Lower Upper
43 100
58 37.9 30.3 45.5
100 13.7 11.0 16.4





#42

Toluene

Concen: 25.756 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. 0.000 min

Lab File: VW030252.D

Acq: 26 Sep 2024 11:18

Instrument :

MSVOA_W

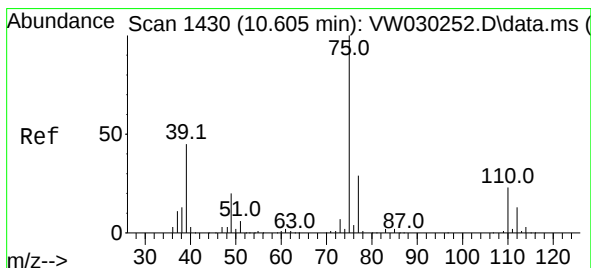
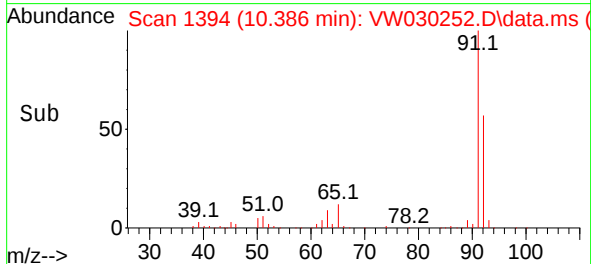
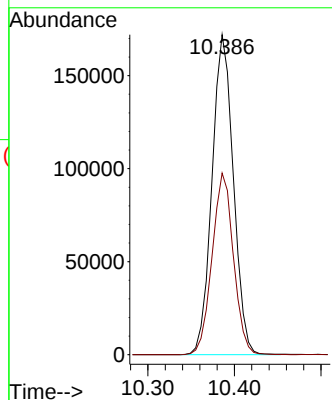
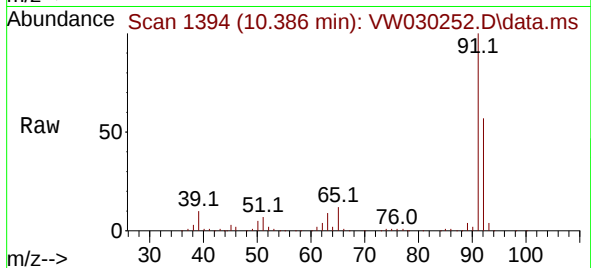
ClientSampleId :

Tgt Ion: 91 Resp: 294823

Ion Ratio Lower Upper

91 100

92 56.8 39.8 73.8



#44

trans-1,3-Dichloropropene

Concen: 26.253 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VW030252.D

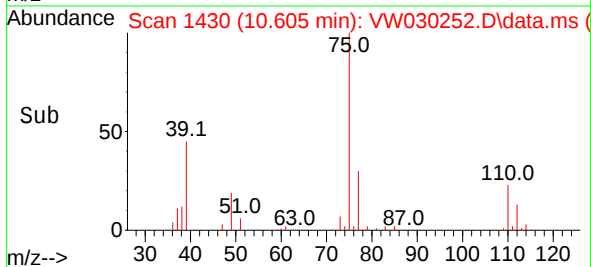
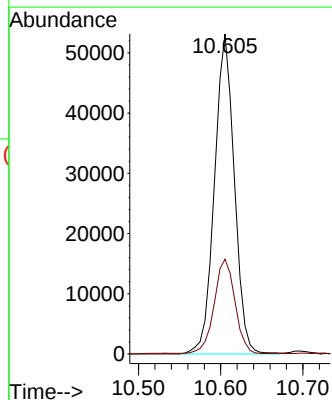
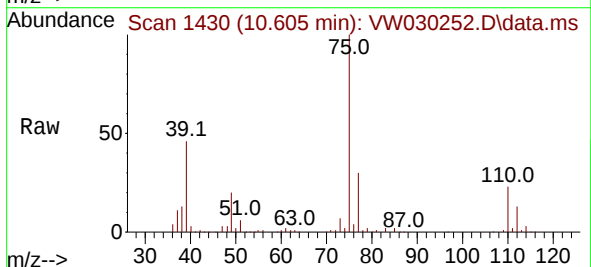
Acq: 26 Sep 2024 11:18

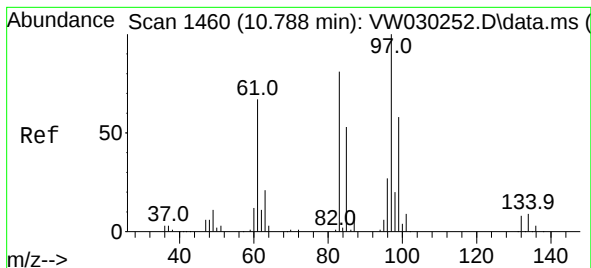
Tgt Ion: 75 Resp: 89049

Ion Ratio Lower Upper

75 100

77 29.6 20.7 38.5





#45

1,1,2-Trichloroethane

Concen: 25.569 ug/L

RT: 10.788 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VW030252.D

Acq: 26 Sep 2024 11:18

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 47890

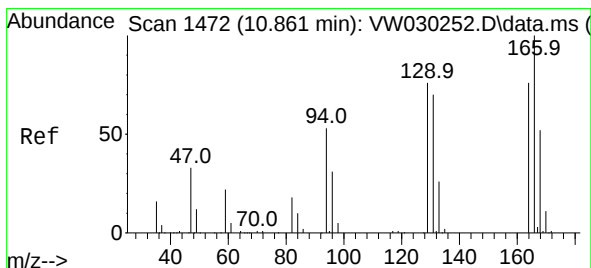
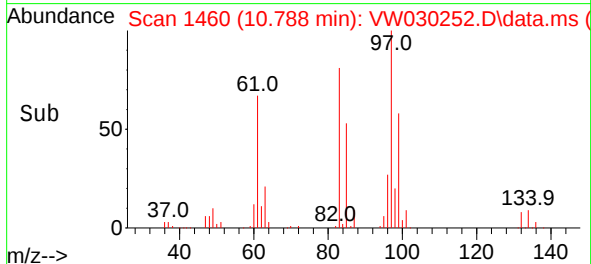
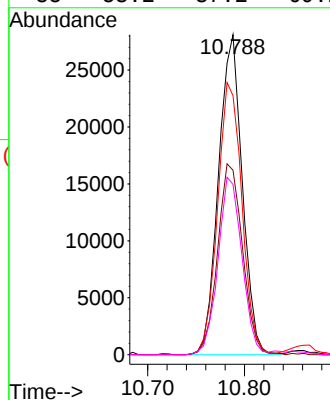
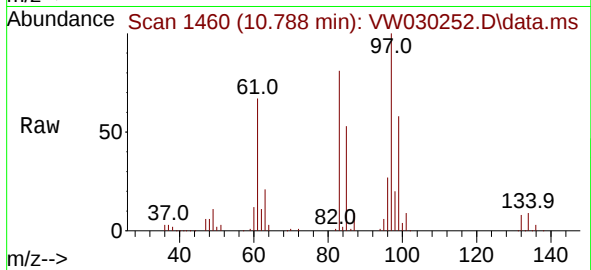
Ion Ratio Lower Upper

97 100

99 57.7 40.4 75.0

83 81.0 56.7 105.3

85 53.2 37.2 69.2



#46

Tetrachloroethene

Concen: 24.198 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VW030252.D

Acq: 26 Sep 2024 11:18

Tgt Ion:164 Resp: 48688

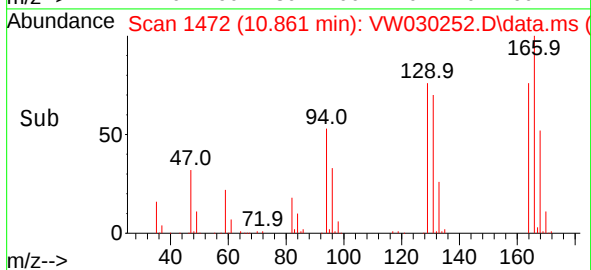
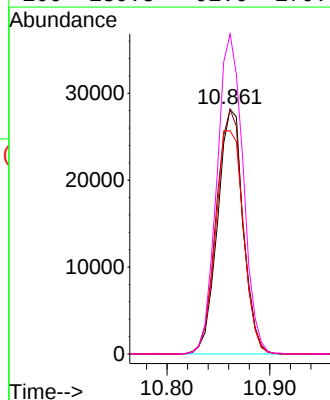
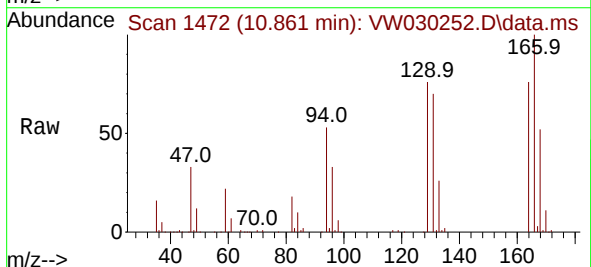
Ion Ratio Lower Upper

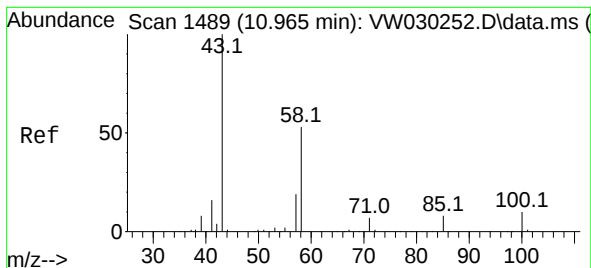
164 100

129 99.9 69.9 129.9

131 91.2 63.8 118.6

166 130.8 91.6 170.0





#48

2-Hexanone

Concen: 57.486 ug/L

RT: 10.965 min Scan# 1489

Delta R.T. 0.000 min

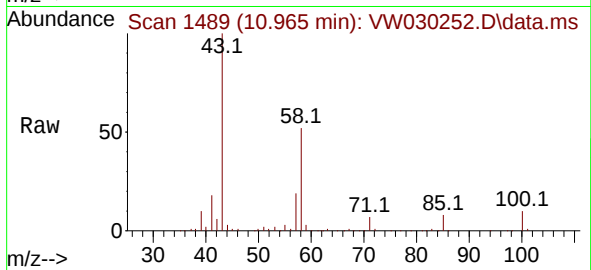
Lab File: VW030252.D

Acq: 26 Sep 2024 11:18

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 43 Resp: 70110

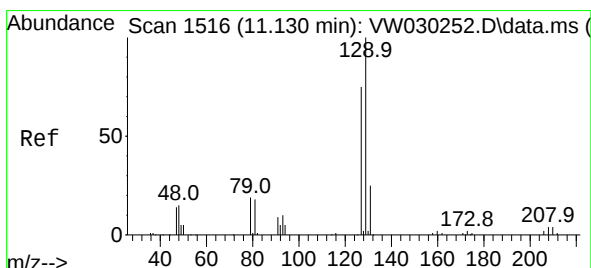
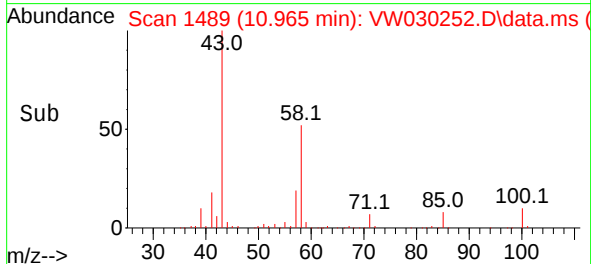
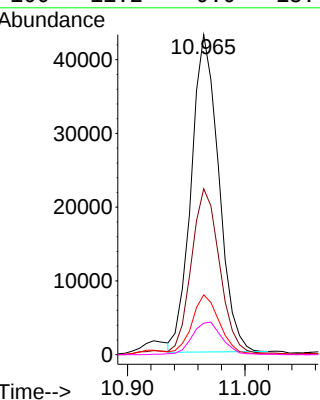
Ion Ratio Lower Upper

43 100

58 54.1 43.3 64.9

57 19.2 15.4 23.0

100 11.2 9.0 13.4



#49

Dibromochloromethane

Concen: 26.074 ug/L

RT: 11.130 min Scan# 1516

Delta R.T. 0.000 min

Lab File: VW030252.D

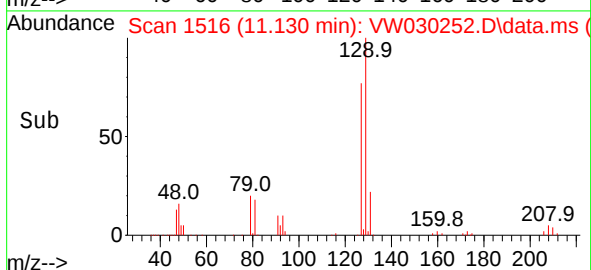
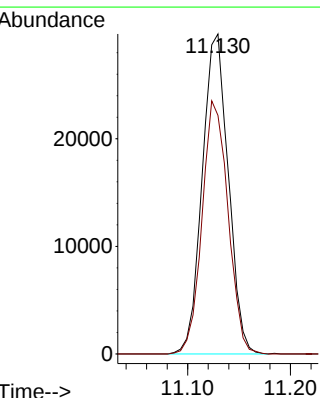
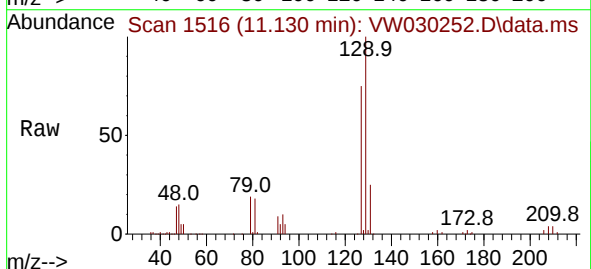
Acq: 26 Sep 2024 11:18

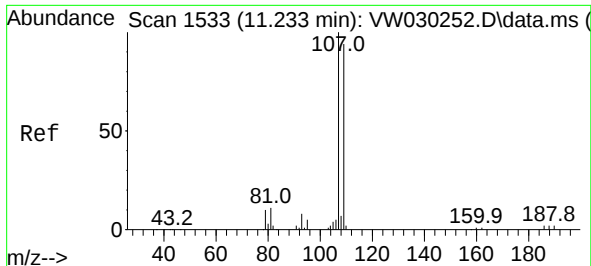
Tgt Ion:129 Resp: 52412

Ion Ratio Lower Upper

129 100

127 74.6 52.2 97.0





#50

1,2-Dibromoethane

Concen: 26.049 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. 0.000 min

Lab File: VW030252.D

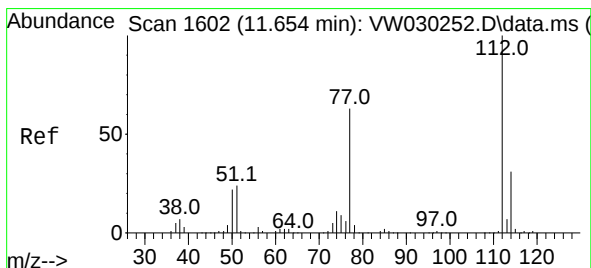
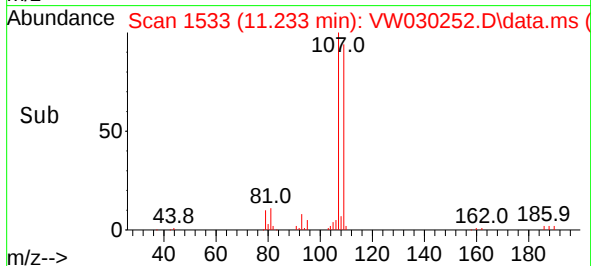
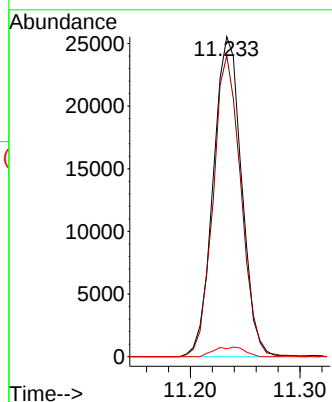
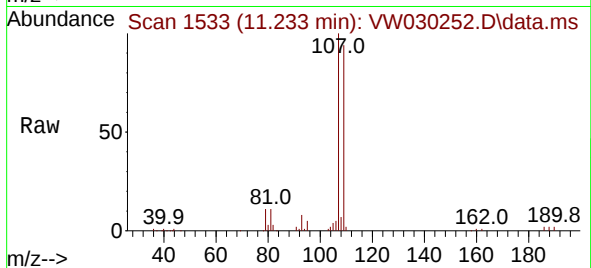
Acq: 26 Sep 2024 11:18

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	107	Resp:	45843
Ion	Ratio	Lower	Upper
107	100		
109	94.2	65.9	122.5
188	2.4	1.9	2.9



#51

Chlorobenzene

Concen: 24.712 ug/L

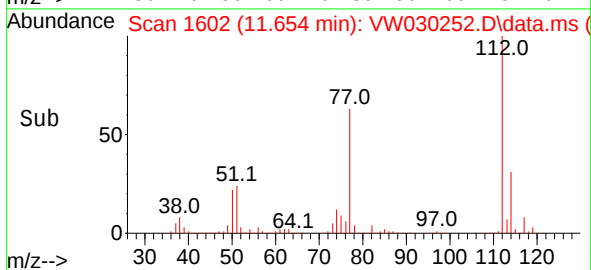
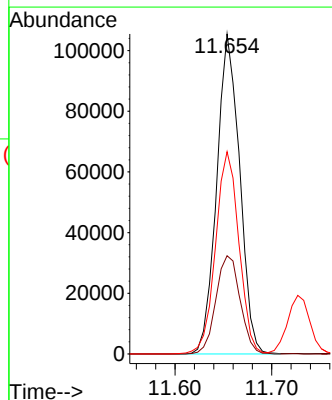
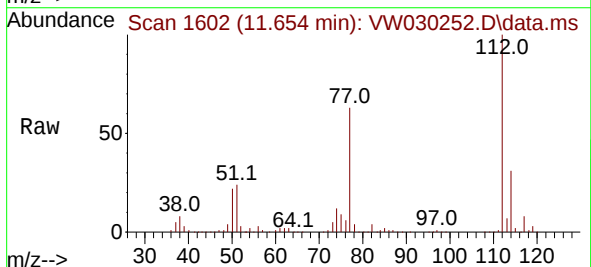
RT: 11.654 min Scan# 1602

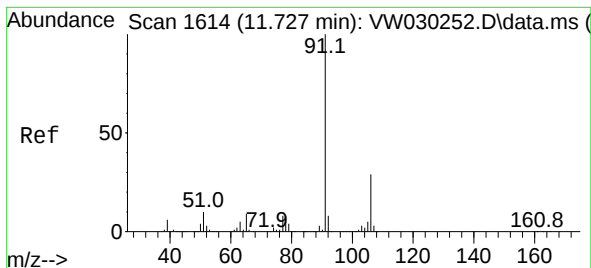
Delta R.T. 0.000 min

Lab File: VW030252.D

Acq: 26 Sep 2024 11:18

Tgt Ion:	112	Resp:	173931
Ion	Ratio	Lower	Upper
112	100		
114	30.7	21.5	39.9
77	63.2	50.6	75.8





#52

Ethylbenzene

Concen: 25.991 ug/L

RT: 11.727 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW030252.D

Acq: 26 Sep 2024 11:18

Instrument :

MSVOA_W

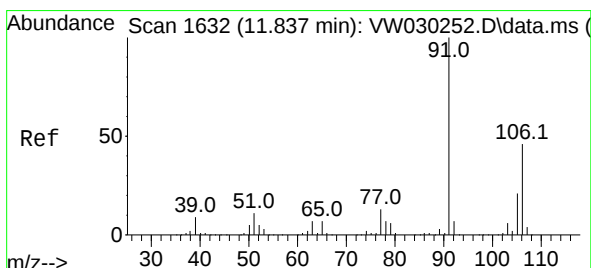
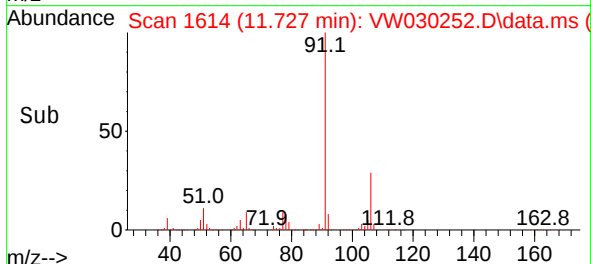
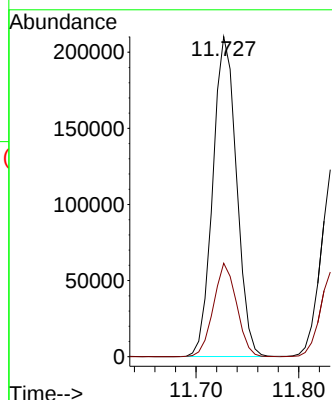
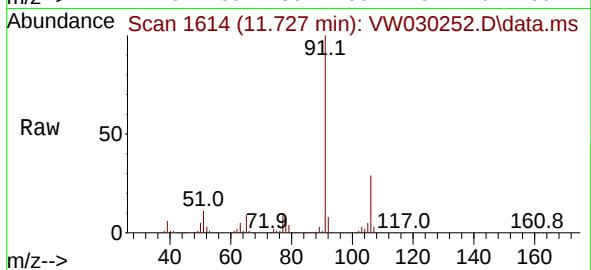
ClientSampleId :

Tgt Ion: 91 Resp: 336257

Ion Ratio Lower Upper

91 100

106 29.2 20.4 38.0



#53

m,p-Xylene

Concen: 26.032 ug/L

RT: 11.837 min Scan# 1632

Delta R.T. 0.000 min

Lab File: VW030252.D

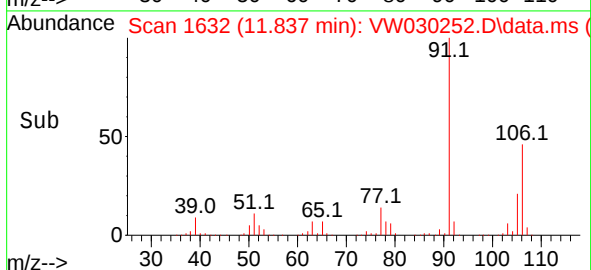
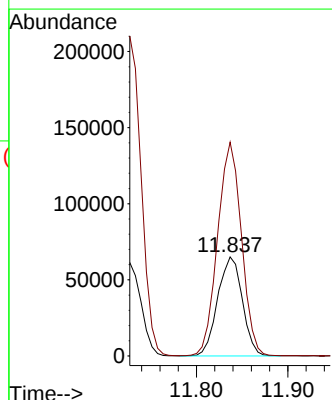
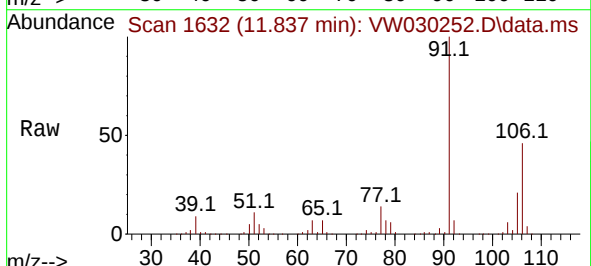
Acq: 26 Sep 2024 11:18

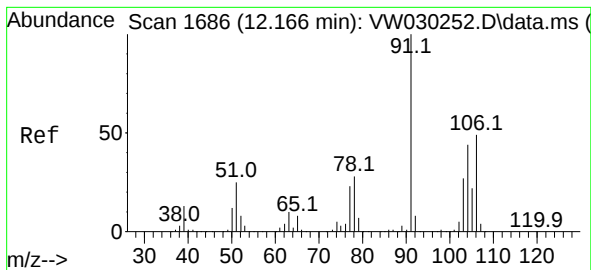
Tgt Ion:106 Resp: 122042

Ion Ratio Lower Upper

106 100

91 215.8 151.1 280.5





#54

o-Xylene

Concen: 26.213 ug/L

RT: 12.166 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW030252.D

Acq: 26 Sep 2024 11:18

Instrument :

MSVOA_W

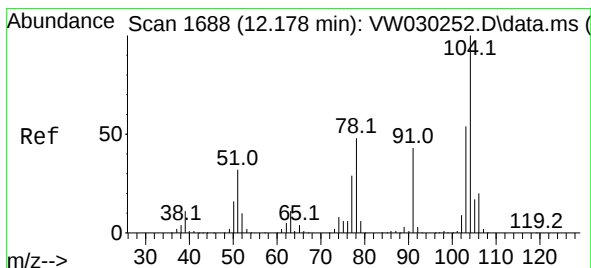
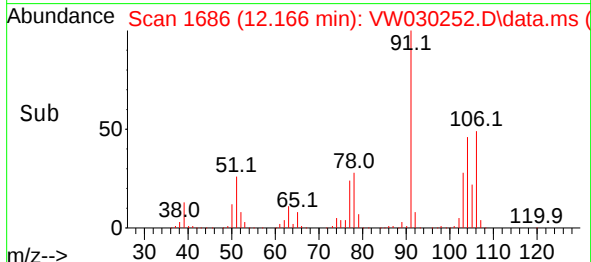
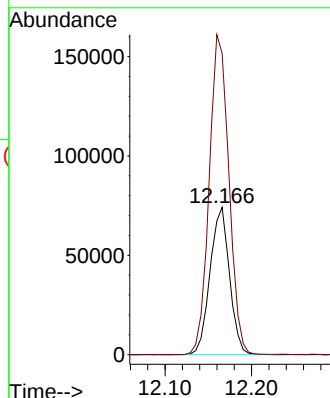
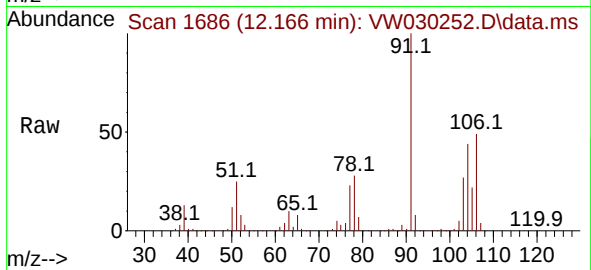
ClientSampleId :

Tgt Ion:106 Resp: 115430

Ion Ratio Lower Upper

106 100

91 204.5 143.1 265.9



#55

Styrene

Concen: 26.681 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. 0.000 min

Lab File: VW030252.D

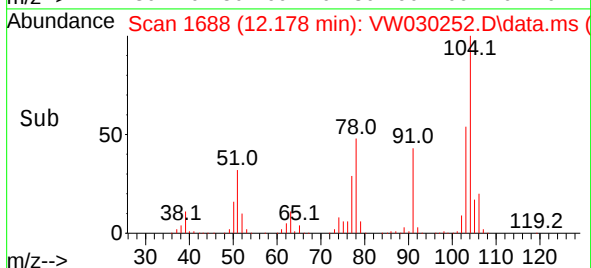
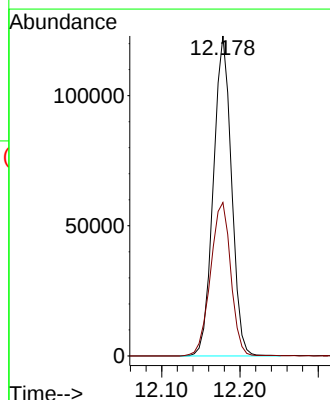
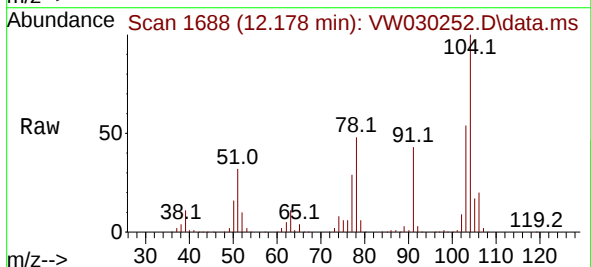
Acq: 26 Sep 2024 11:18

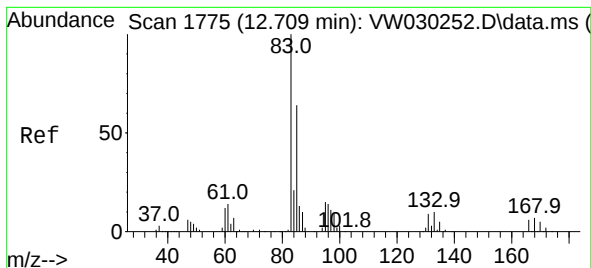
Tgt Ion:104 Resp: 197788

Ion Ratio Lower Upper

104 100

78 48.0 33.6 62.4

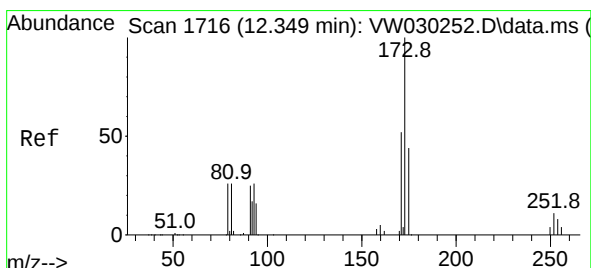
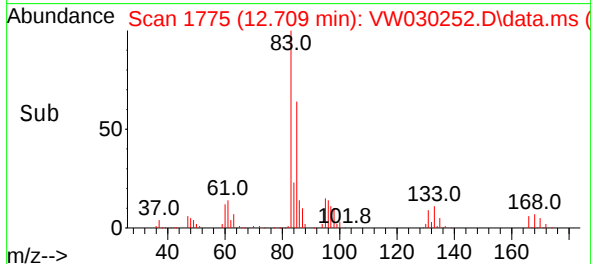
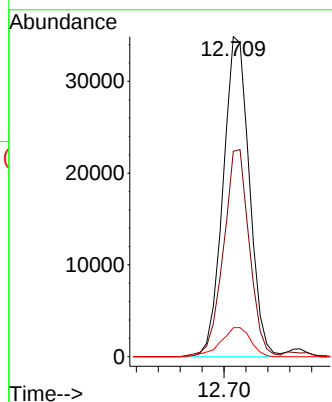
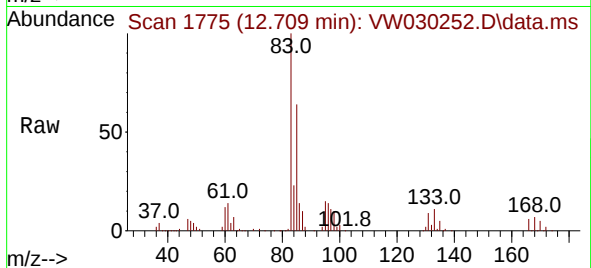




#57
1,1,2,2-Tetrachloroethane
Concen: 26.127 ug/L
RT: 12.709 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VW030252.D
Acq: 26 Sep 2024 11:18

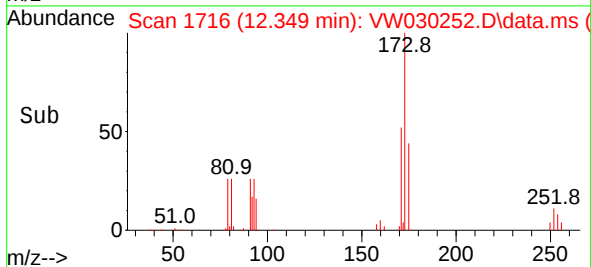
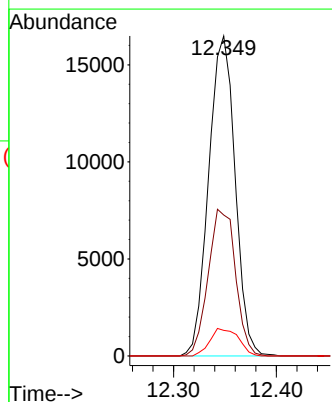
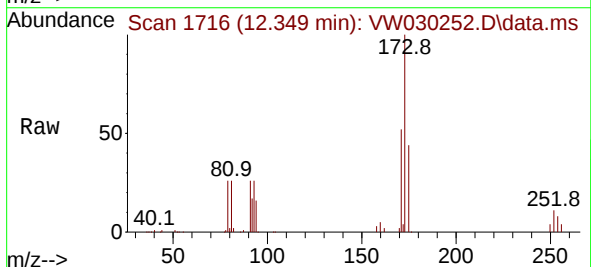
Instrument :
MSVOA_W
ClientSampleId :

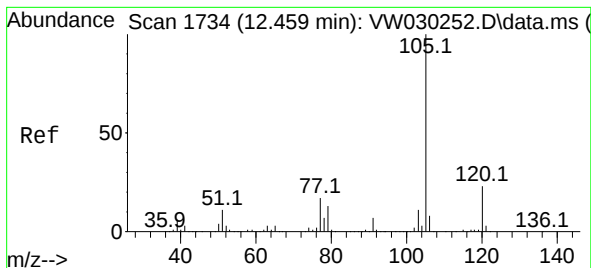
Tgt Ion: 83 Resp: 57914
Ion Ratio Lower Upper
83 100
85 64.2 44.9 83.5
131 9.1 7.3 10.9



#59
Bromoform
Concen: 25.911 ug/L
RT: 12.349 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VW030252.D
Acq: 26 Sep 2024 11:18

Tgt Ion:173 Resp: 29462
Ion Ratio Lower Upper
173 100
175 47.3 37.8 56.8
254 9.3 7.4 11.2





#60

Isopropylbenzene

Concen: 25.484 ug/L

RT: 12.459 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW030252.D

Acq: 26 Sep 2024 11:18

Instrument :

MSVOA_W

ClientSampleId :

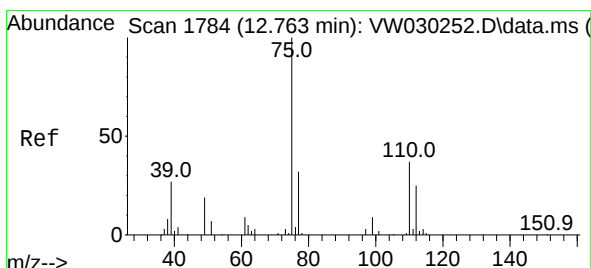
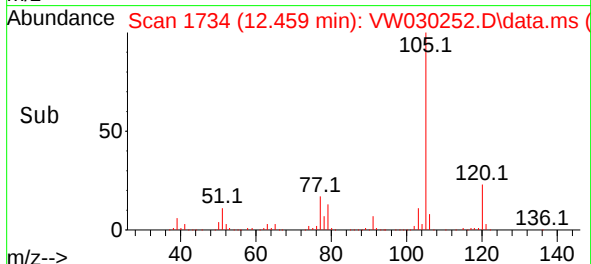
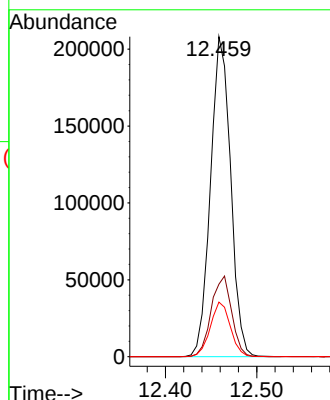
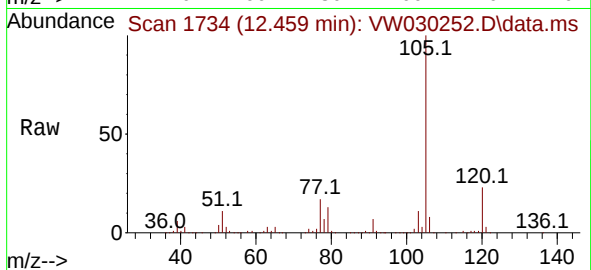
Tgt Ion:105 Resp: 317932

Ion Ratio Lower Upper

105 100

120 25.6 20.5 30.7

77 17.0 13.6 20.4



#61

1,2,3-Trichloropropane

Concen: 25.421 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VW030252.D

Acq: 26 Sep 2024 11:18

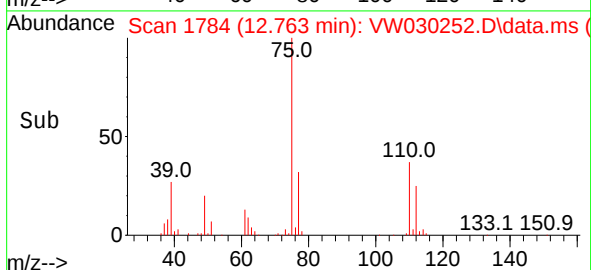
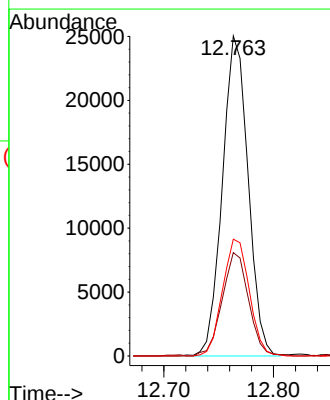
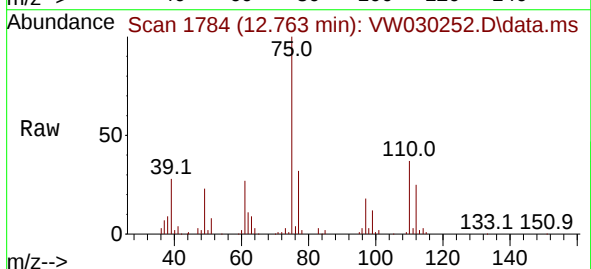
Tgt Ion: 75 Resp: 40806

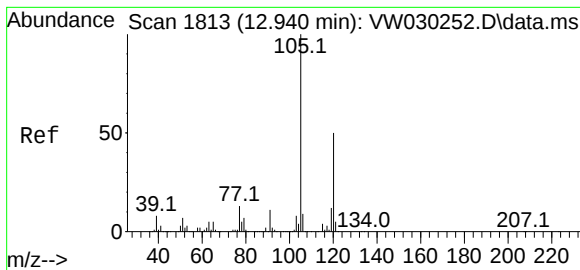
Ion Ratio Lower Upper

75 100

77 33.2 26.6 39.8

110 37.9 30.3 45.5

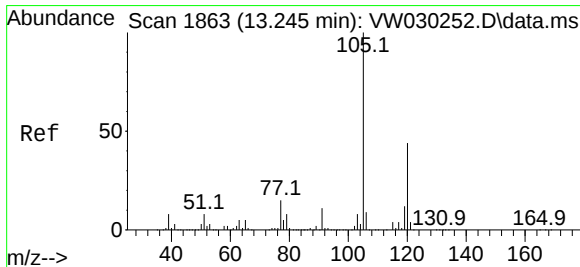
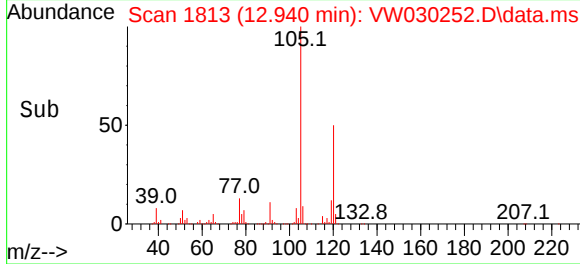
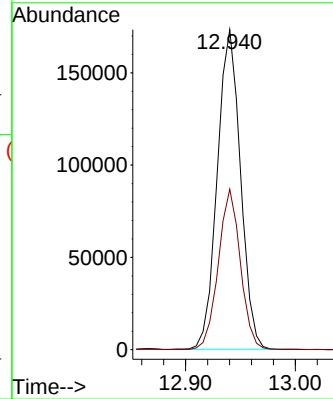
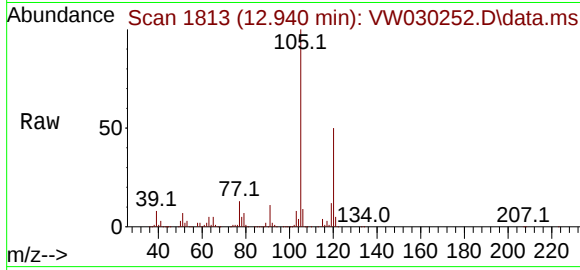




#62
 1,3,5-Trimethylbenzene
 Concen: 26.237 ug/L
 RT: 12.940 min Scan# 1813
 Delta R.T. 0.000 min
 Lab File: VW030252.D
 Acq: 26 Sep 2024 11:18

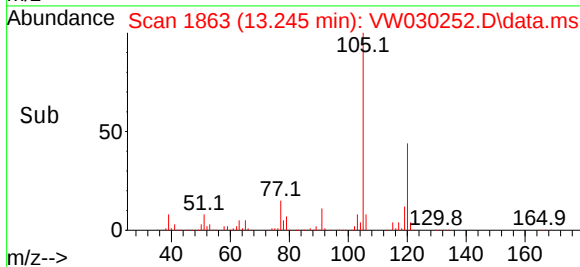
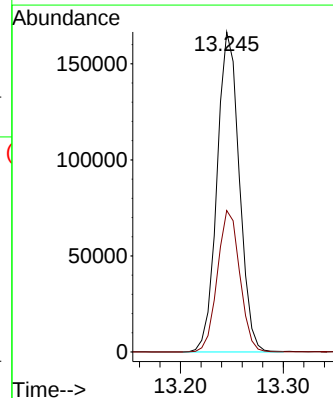
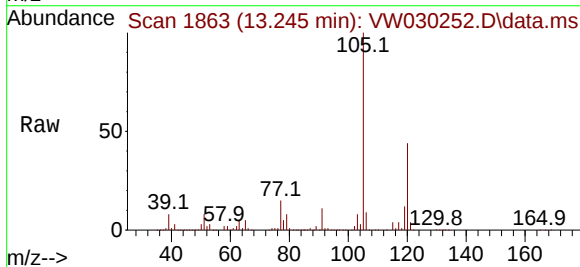
Instrument :
 MSVOA_W
 ClientSampleId :

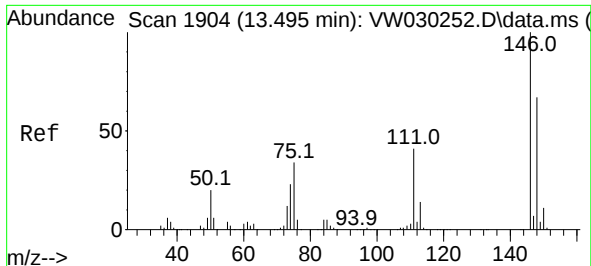
Tgt Ion:105 Resp: 254756
 Ion Ratio Lower Upper
 105 100
 120 47.9 38.3 57.5



#63
 1,2,4-Trimethylbenzene
 Concen: 26.299 ug/L
 RT: 13.245 min Scan# 1863
 Delta R.T. 0.000 min
 Lab File: VW030252.D
 Acq: 26 Sep 2024 11:18

Tgt Ion:105 Resp: 250428
 Ion Ratio Lower Upper
 105 100
 120 44.4 35.5 53.3





#64

1,3-Dichlorobenzene

Concen: 25.574 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW030252.D

Acq: 26 Sep 2024 11:18

Instrument :

MSVOA_W

ClientSampleId :

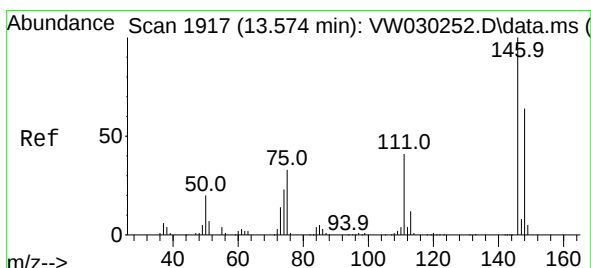
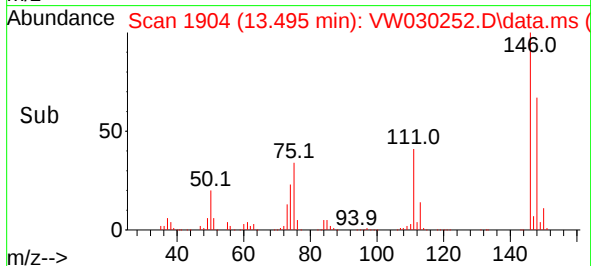
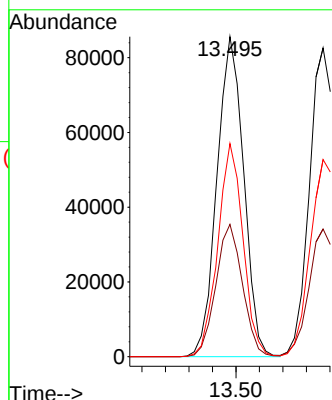
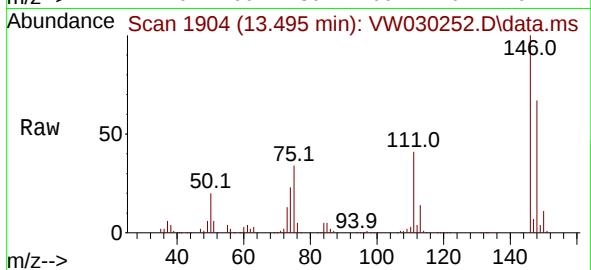
Tgt Ion:146 Resp: 135715

Ion Ratio Lower Upper

146 100

111 41.4 29.0 53.8

148 66.6 46.6 86.6



#65

1,4-Dichlorobenzene

Concen: 24.597 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW030252.D

Acq: 26 Sep 2024 11:18

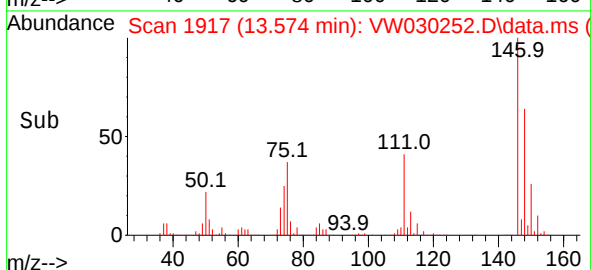
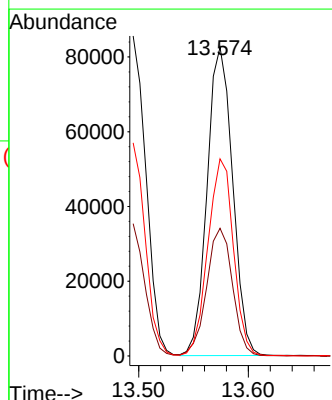
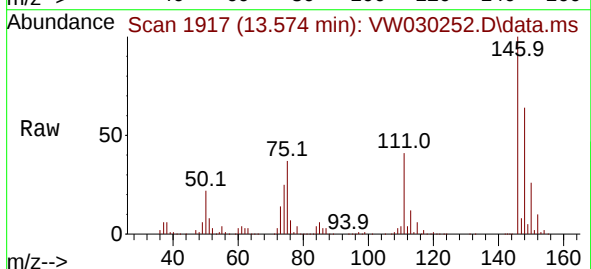
Tgt Ion:146 Resp: 133561

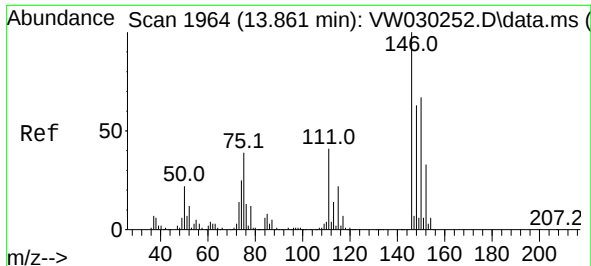
Ion Ratio Lower Upper

146 100

111 41.4 29.0 53.8

148 63.9 44.7 83.1





#67

1,2-Dichlorobenzene

Concen: 25.270 ug/L

RT: 13.861 min Scan# 1964

Delta R.T. 0.000 min

Lab File: VW030252.D

Acq: 26 Sep 2024 11:18

Instrument :

MSVOA_W

ClientSampleId :

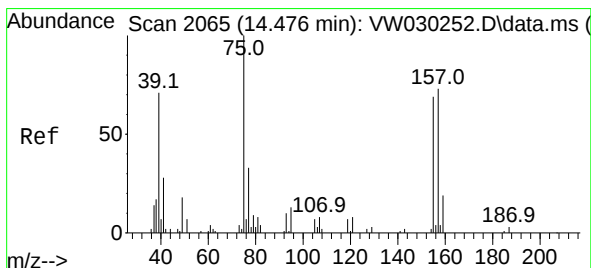
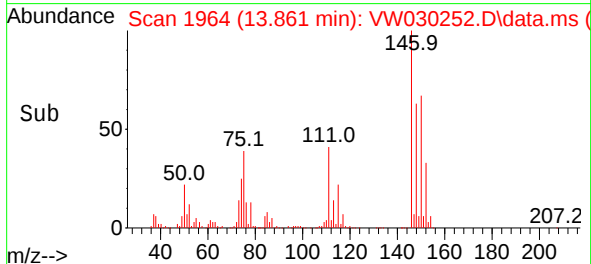
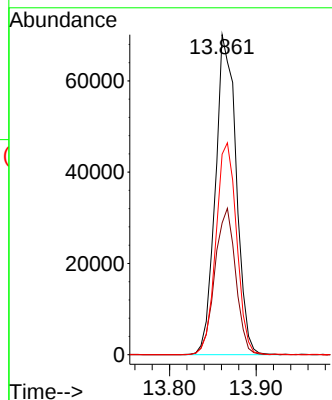
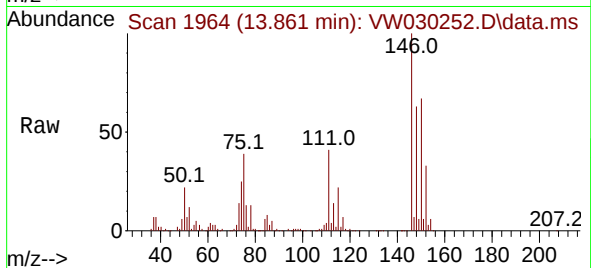
Tgt Ion:146 Resp: 116823

Ion Ratio Lower Upper

146 100

111 41.1 32.9 49.3

148 62.7 50.2 75.2



#68

1,2-Dibromo-3-chloropropane

Concen: 25.254 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. 0.000 min

Lab File: VW030252.D

Acq: 26 Sep 2024 11:18

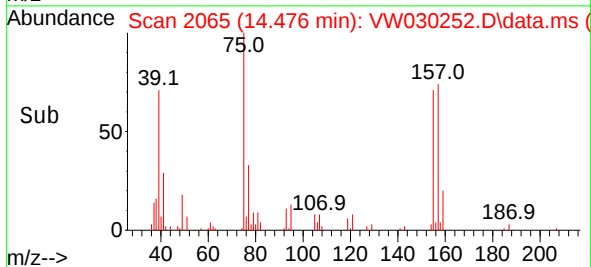
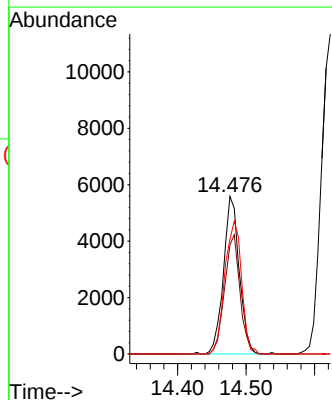
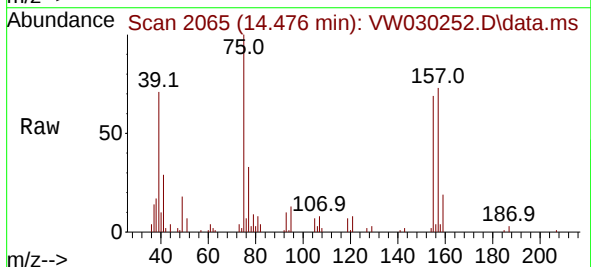
Tgt Ion: 75 Resp: 8926

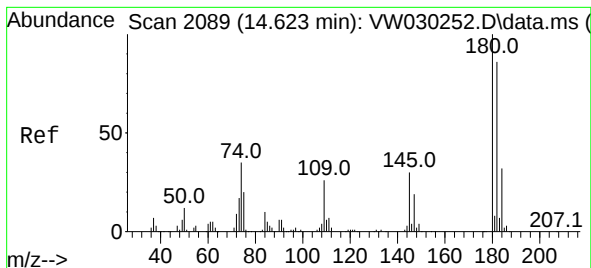
Ion Ratio Lower Upper

75 100

155 69.3 55.4 83.2

157 72.9 58.3 87.5





#69

1,3,5-Trichlorobenzene

Concen: 25.149 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

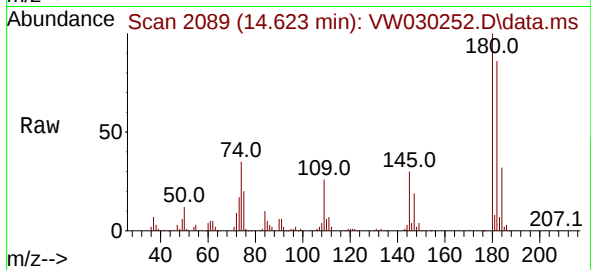
Lab File: VW030252.D

Acq: 26 Sep 2024 11:18

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 87164

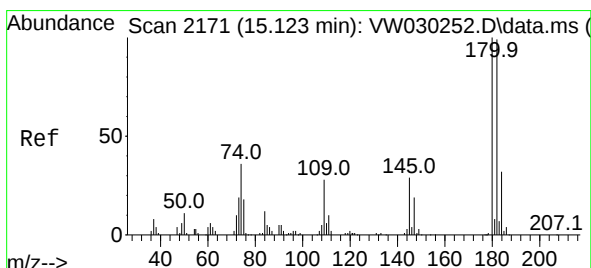
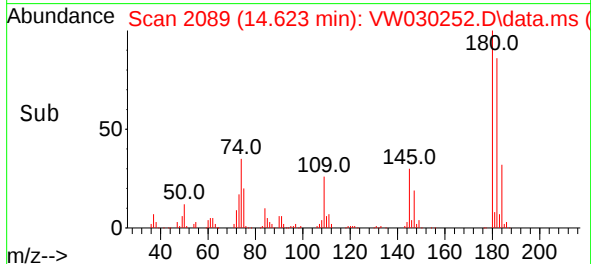
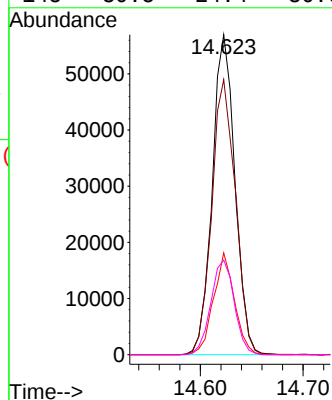
Ion Ratio Lower Upper

180 100

182 89.8 71.8 107.8

184 29.6 23.7 35.5

145 30.5 24.4 36.6



#70

1,2,4-trichlorobenzene

Concen: 25.574 ug/L

RT: 15.123 min Scan# 2171

Delta R.T. 0.000 min

Lab File: VW030252.D

Acq: 26 Sep 2024 11:18

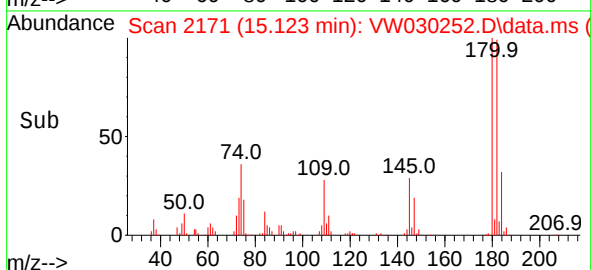
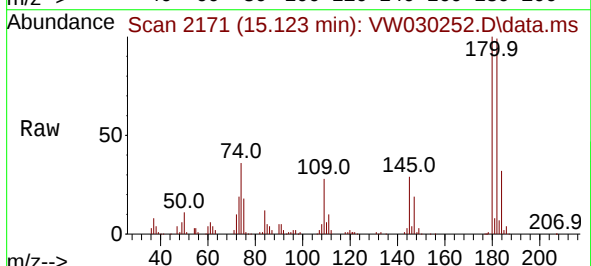
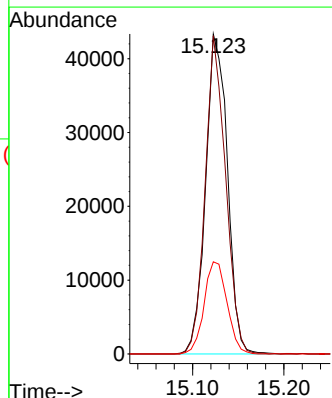
Tgt Ion:180 Resp: 71776

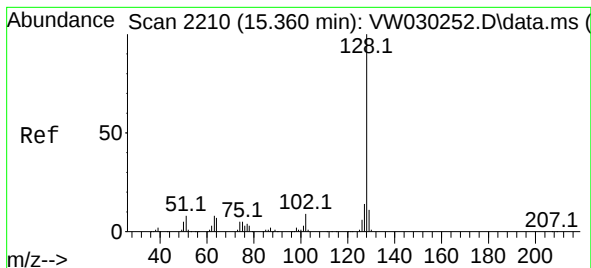
Ion Ratio Lower Upper

180 100

182 93.3 74.6 112.0

145 30.2 24.2 36.2





#71

Naphthalene

Concen: 27.195 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. 0.000 min

Lab File: VW030252.D

Acq: 26 Sep 2024 11:18

Instrument :

MSVOA_W

ClientSampleId :

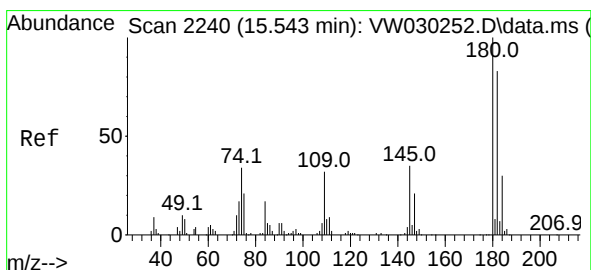
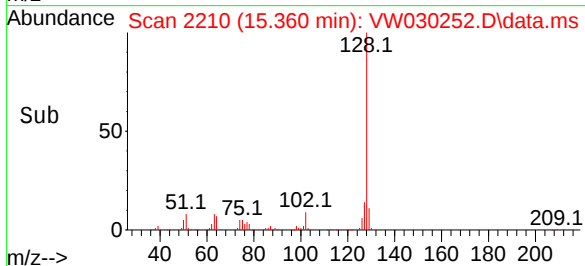
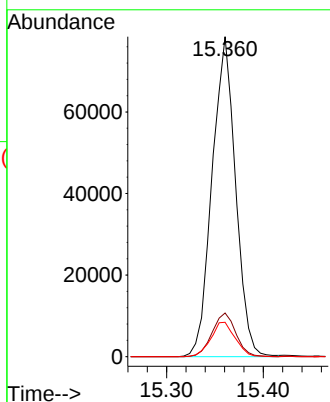
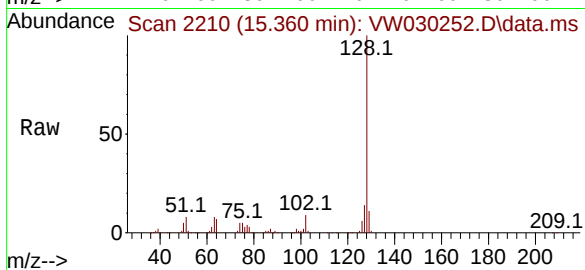
Tgt Ion:128 Resp: 132479

Ion Ratio Lower Upper

128 100

127 13.8 11.0 16.6

129 11.2 9.0 13.4



#72

1,2,3-Trichlorobenzene

Concen: 25.357 ug/L

RT: 15.543 min Scan# 2240

Delta R.T. 0.000 min

Lab File: VW030252.D

Acq: 26 Sep 2024 11:18

Tgt Ion:180 Resp: 62061

Ion Ratio Lower Upper

180 100

182 91.8 73.4 110.2

145 34.4 27.5 41.3

