

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092624\
 Data File : VW030254.D
 Acq On : 26 Sep 2024 12:18
 Operator : SY/MD
 Sample : VSTD100
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Sep 27 04:09:37 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	194281	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	180587	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.550	152	94681	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	245609	93.693	ug/L	0.00
7) Chloroethane-d5	2.893	69	186820	96.687	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.027	65	129477	99.710	ug/L	0.00
21) 2-Butanone-d5	7.075	46	154277	229.005	ug/L	0.00
24) Chloroform-d	7.648	84	566083	98.404	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	298838	101.848	ug/L	0.00
32) Benzene-d6	8.276	84	1111594	97.445	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.276	67	347891	98.503	ug/L	0.00
41) Toluene-d8	10.325	98	1030101	101.607	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.575	79	147625	110.279	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	132194	267.396	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	263388	109.180	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.849	152	322582	97.904	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.015	85	210853	100.888	ug/L	90
3) Chloromethane	2.229	50	287267	96.255	ug/L	98
5) Vinyl chloride	2.375	62	275887	91.753	ug/L	97
6) Bromomethane	2.783	94	165842	90.915	ug/L	91
8) Chloroethane	2.930	64	156484	88.925	ug/L	95
9) Trichlorofluoromethane	3.265	101	257333	96.855	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	237577	98.327	ug/L #	82
12) 1,1-Dichloroethene	4.045	96	236203	95.882	ug/L	92
13) Acetone	4.119	43	217380	253.096	ug/L	99
14) Carbon disulfide	4.393	76	838000	94.303	ug/L	99
15) Methyl Acetate	4.667	43	125173	100.331	ug/L	99
16) Methylene chloride	4.917	84	259244	87.114	ug/L	94
17) trans-1,2-Dichloroethene	5.429	96	274301	97.727	ug/L	99
18) Methyl tert-butyl Ether	5.423	73	428378	111.388	ug/L	98
19) 1,1-Dichloroethane	6.216	63	530916	93.815	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	299393	99.608	ug/L	98
22) 2-Butanone	7.167	43	254880	237.448	ug/L	100
23) Bromochloromethane	7.514	128	120275	98.081	ug/L	98
25) Chloroform	7.673	83	521163	94.644	ug/L	98
27) 1,2-Dichloroethane	8.398	62	343847	96.430	ug/L	98
29) Cyclohexane	7.959	56	461630	100.463	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	416000	93.060	ug/L	99
31) Carbon tetrachloride	8.069	117	372387	91.949	ug/L	97
33) Benzene	8.325	78	1146928	92.682	ug/L	100
34) Trichloroethene	9.093	95	304541	94.872	ug/L	98
35) Methylcyclohexane	9.337	83	491898	97.447	ug/L	97
37) 1,2-Dichloropropane	9.368	63	302778	92.311	ug/L	100
38) Bromodichloromethane	9.642	83	374413	98.011	ug/L	98
39) cis-1,3-Dichloropropene	10.075	75	492259	105.689	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	373028	230.547	ug/L	99
42) Toluene	10.386	91	1248426	97.754	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	412486	108.996	ug/L	99

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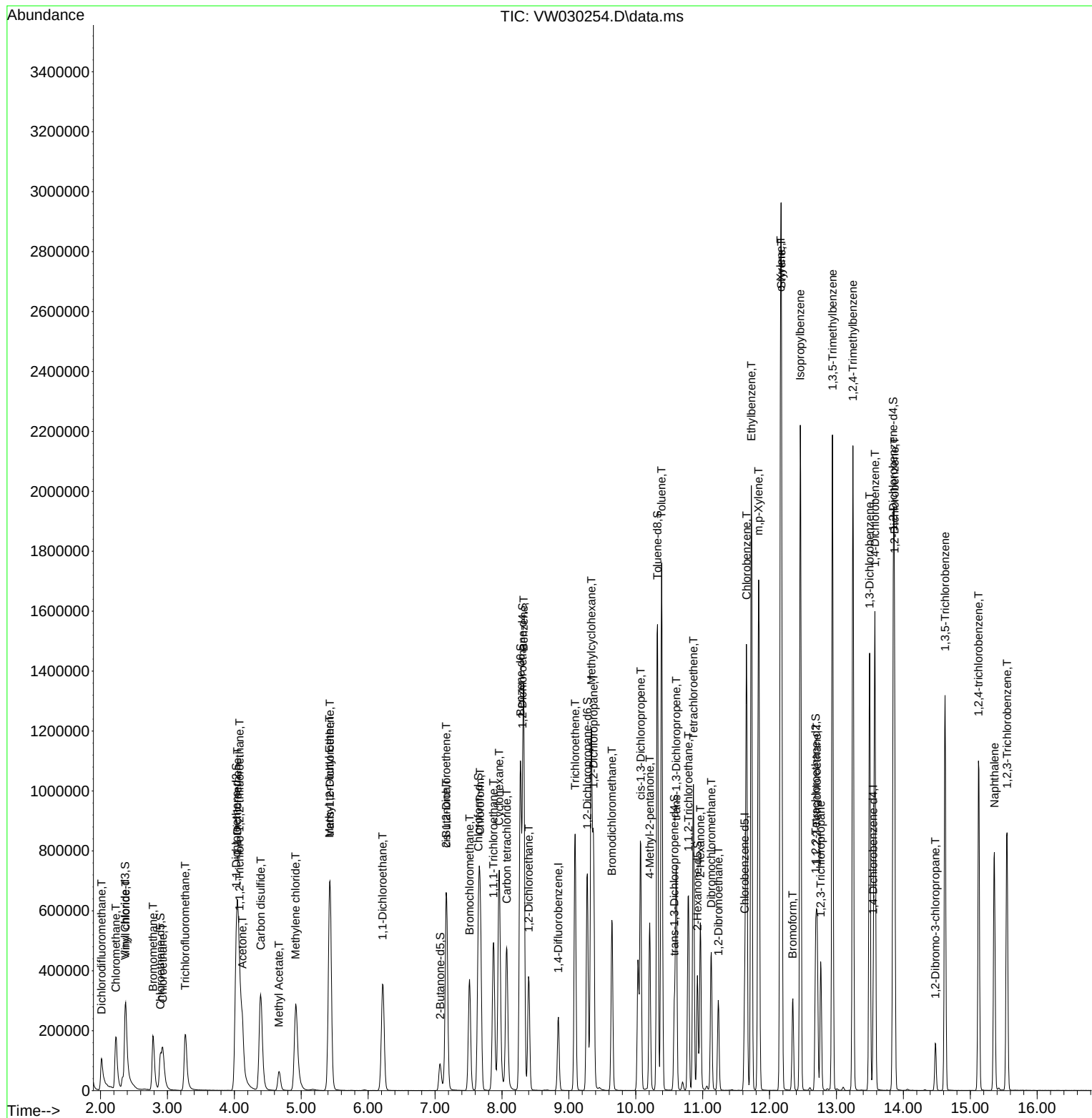
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.788	97	206714	98.924	ug/L	96
46) Tetrachloroethene	10.861	164	209643	93.389	ug/L	95
48) 2-Hexanone	10.965	43	350795	257.809	ug/L	98
49) Dibromochloromethane	11.130	129	235011	104.791	ug/L	90
50) 1,2-Dibromoethane	11.233	107	200937	102.338	ug/L #	98
51) Chlorobenzene	11.654	112	735310	93.641	ug/L	98
52) Ethylbenzene	11.727	91	1420543	98.416	ug/L	96
53) m,p-Xylene	11.837	106	524080	100.198	ug/L	100
54) o-Xylene	12.166	106	505556	102.904	ug/L	87
55) Styrene	12.178	104	859375	103.906	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.709	83	251051	101.515	ug/L	100
59) Bromoform	12.343	173	129450	98.200	ug/L	96
60) Isopropylbenzene	12.459	105	1421306	98.269	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	178616	95.978	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	1122849	99.746	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	1106666	100.247	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	567608	92.260	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	568392	90.290	ug/L	95
67) 1,2-Dichlorobenzene	13.867	146	509048	94.979	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.476	75	40790	99.543	ug/L #	88
69) 1,3,5-Trichlorobenzene	14.623	180	384658	95.731	ug/L	98
70) 1,2,4-trichlorobenzene	15.123	180	331060	101.746	ug/L	96
71) Naphthalene	15.360	128	643295	113.906	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	288187	101.563	ug/L	98

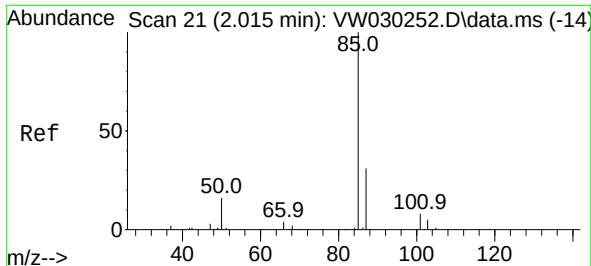
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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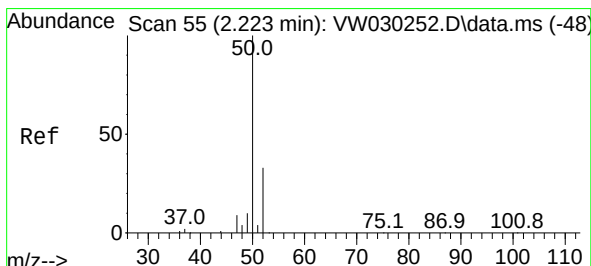
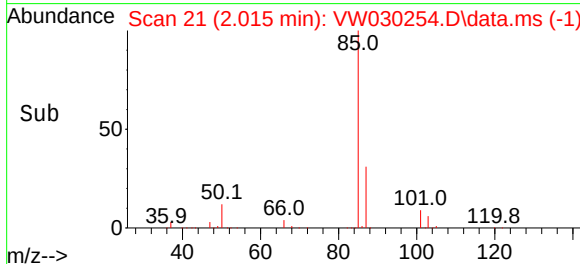
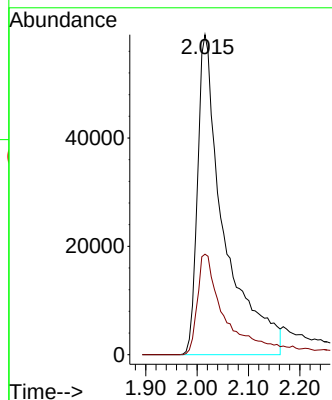
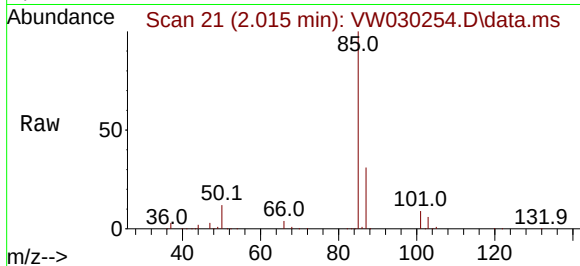




#2
Dichlorodifluoromethane
Concen: 100.888 ug/L
RT: 2.015 min Scan# 21
Delta R.T. 0.000 min
Lab File: VW030254.D
Acq: 26 Sep 2024 12:18

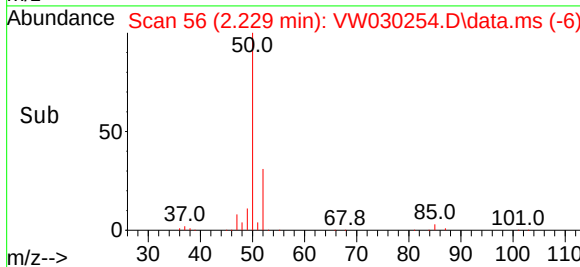
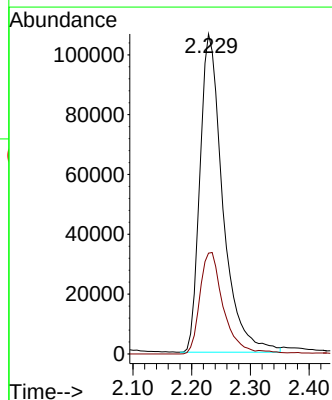
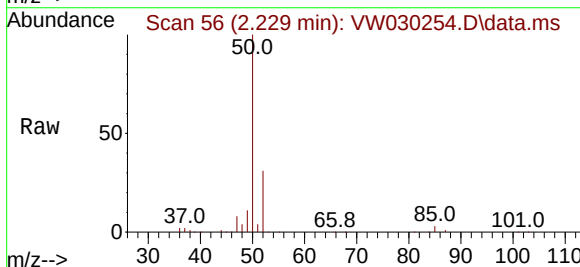
Instrument :
MSVOA_W
ClientSampleId :

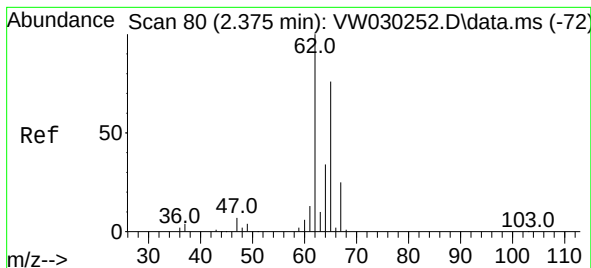
Tgt Ion: 85 Resp: 210853
Ion Ratio Lower Upper
85 100
87 33.1 22.2 33.4



#3
Chloromethane
Concen: 96.255 ug/L
RT: 2.229 min Scan# 56
Delta R.T. 0.006 min
Lab File: VW030254.D
Acq: 26 Sep 2024 12:18

Tgt Ion: 50 Resp: 287267
Ion Ratio Lower Upper
50 100
52 31.5 23.0 42.6





#5

Vinyl chloride

Concen: 91.753 ug/L

RT: 2.375 min Scan# 80

Delta R.T. 0.000 min

Lab File: VW030254.D

Acq: 26 Sep 2024 12:18

Instrument :

MSVOA_W

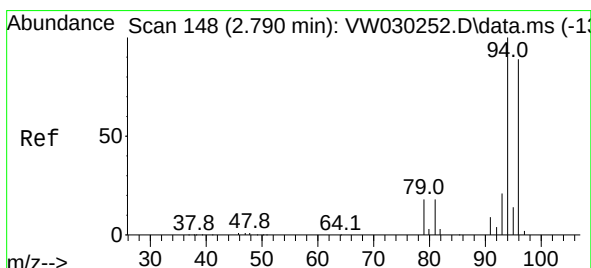
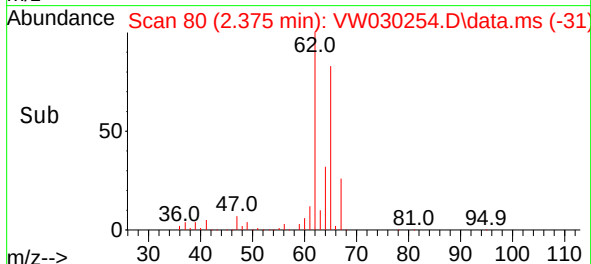
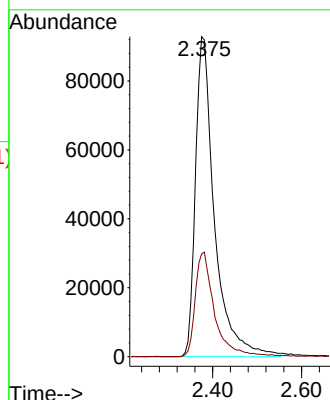
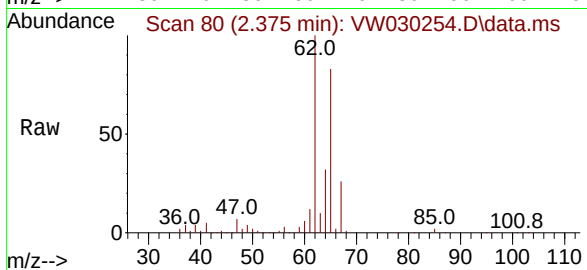
ClientSampleId :

Tgt Ion: 62 Resp: 275887

Ion Ratio Lower Upper

62 100

64 32.1 23.7 44.1



#6

Bromomethane

Concen: 90.915 ug/L

RT: 2.783 min Scan# 147

Delta R.T. -0.006 min

Lab File: VW030254.D

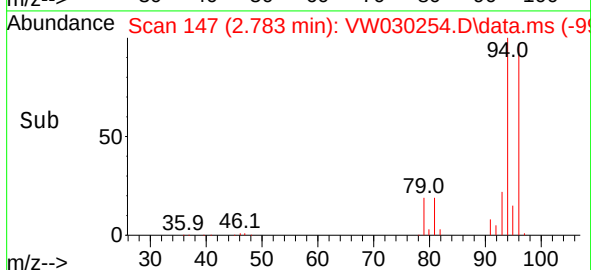
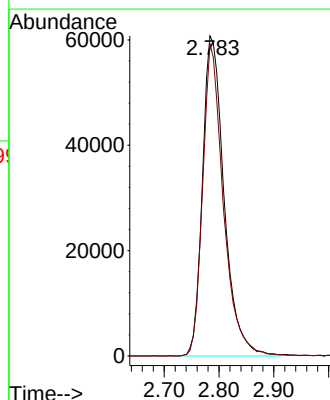
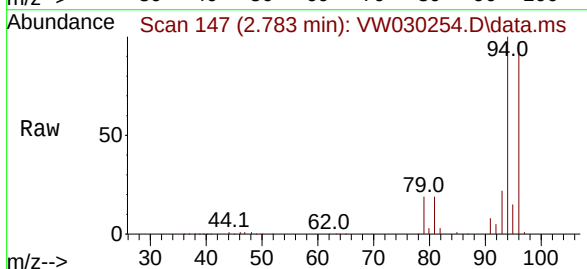
Acq: 26 Sep 2024 12:18

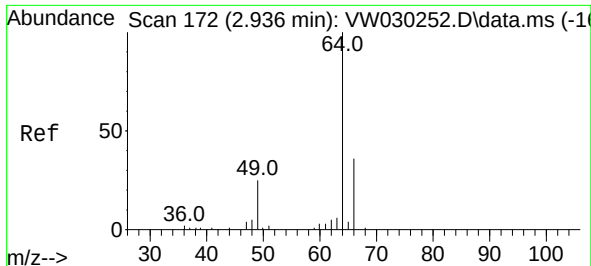
Tgt Ion: 94 Resp: 165842

Ion Ratio Lower Upper

94 100

96 97.4 62.0 115.2





#8

Chloroethane

Concen: 88.925 ug/L

RT: 2.930 min Scan# 171

Delta R.T. -0.006 min

Lab File: VW030254.D

Acq: 26 Sep 2024 12:18

Instrument :

MSVOA_W

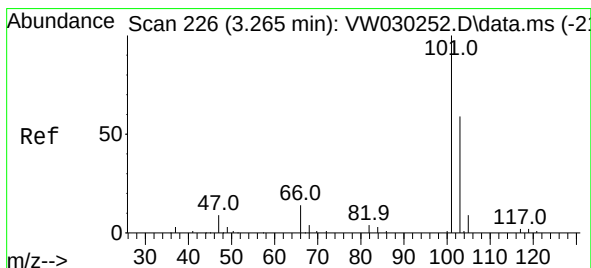
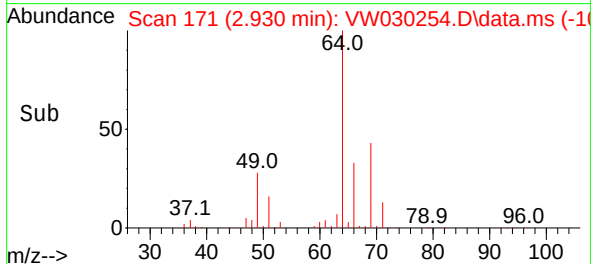
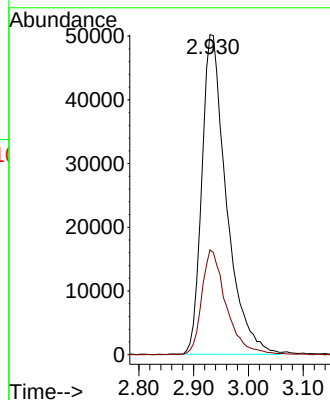
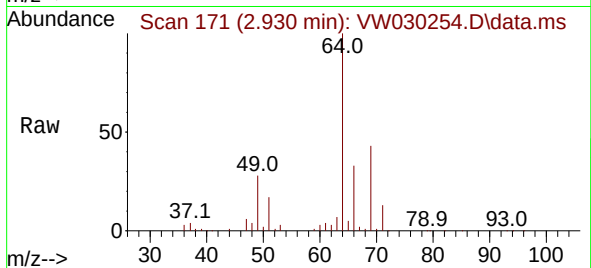
ClientSampleId :

Tgt Ion: 64 Resp: 156484

Ion Ratio Lower Upper

64 100

66 32.7 25.0 46.4



#9

Trichlorofluoromethane

Concen: 96.855 ug/L

RT: 3.265 min Scan# 226

Delta R.T. 0.000 min

Lab File: VW030254.D

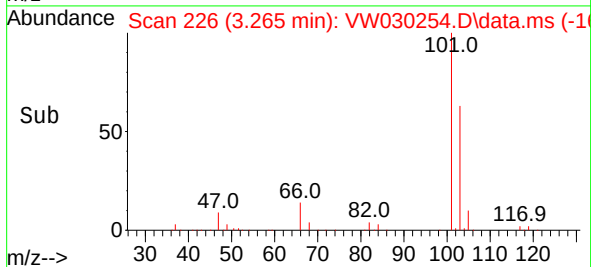
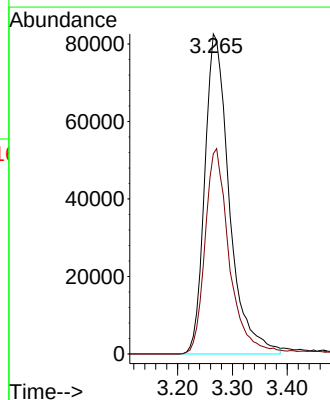
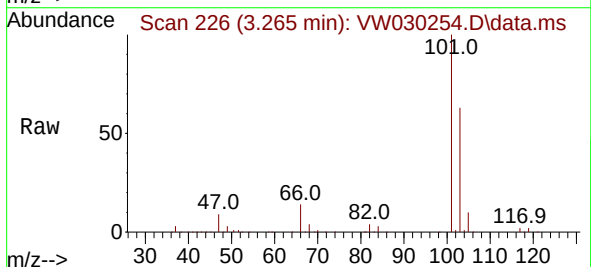
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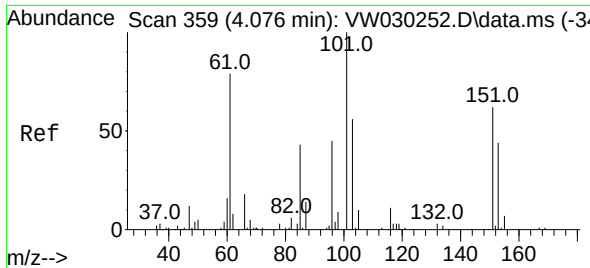
Tgt Ion:101 Resp: 257333

Ion Ratio Lower Upper

101 100

103 62.6 51.5 77.3

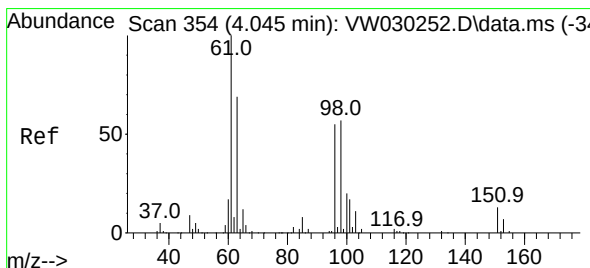
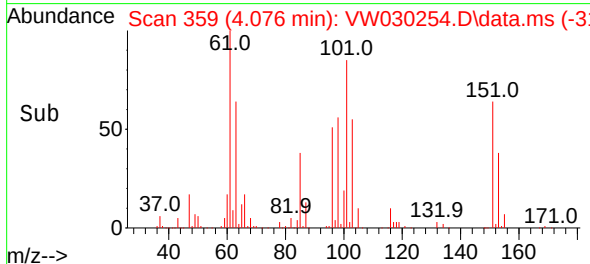
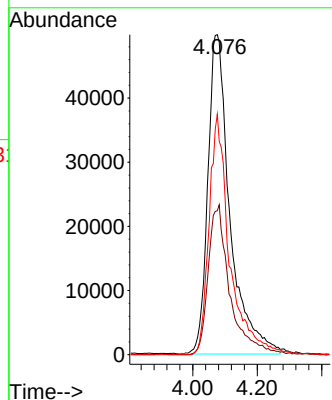
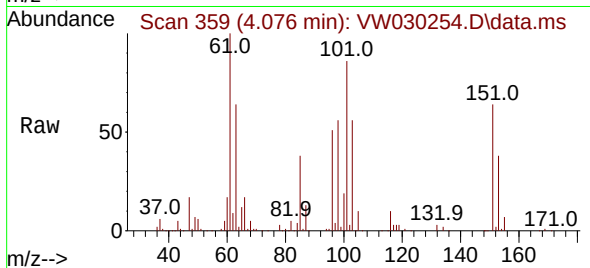




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 98.327 ug/L
RT: 4.076 min Scan# 359
Delta R.T. 0.000 min
Lab File: VW030254.D
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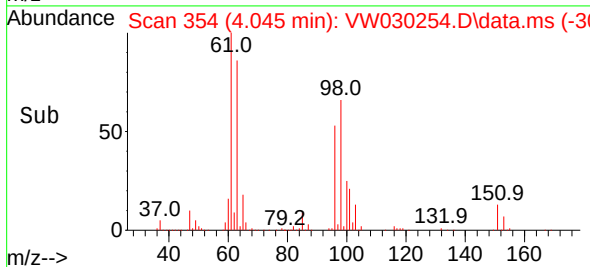
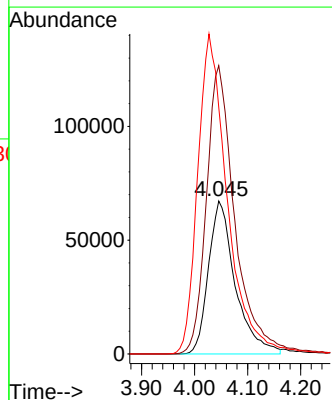
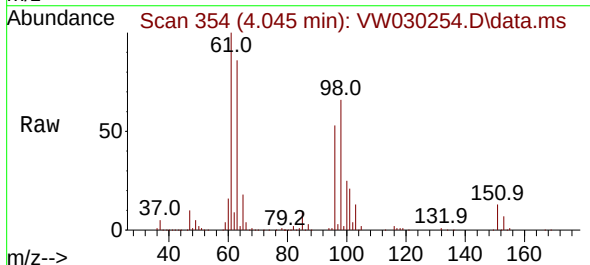
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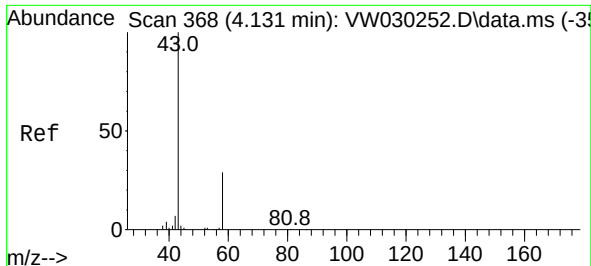
Tgt Ion:101 Resp: 237577
Ion Ratio Lower Upper
101 100
85 44.4 38.6 57.8
151 62.8 33.8 50.8#



#12
1,1-Dichloroethene
Concen: 95.882 ug/L
RT: 4.045 min Scan# 354
Delta R.T. 0.000 min
Lab File: VW030254.D
Acq: 26 Sep 2024 12:18

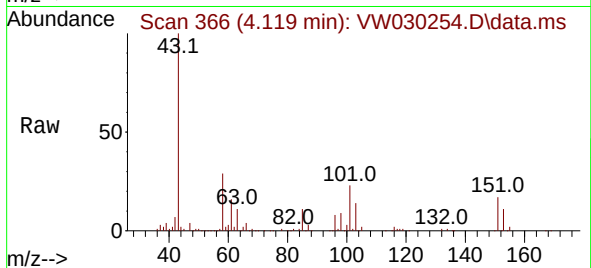
Tgt Ion: 96 Resp: 236203
Ion Ratio Lower Upper
96 100
61 188.5 129.4 240.2
63 161.2 100.0 185.8



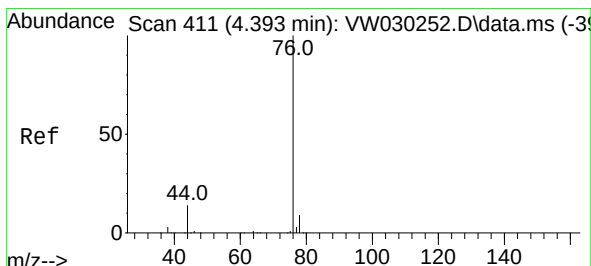
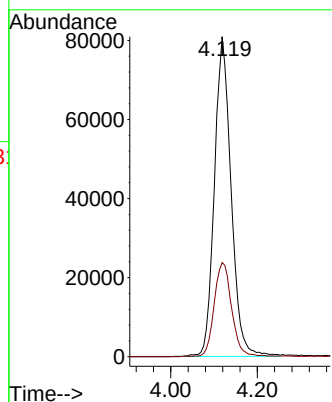
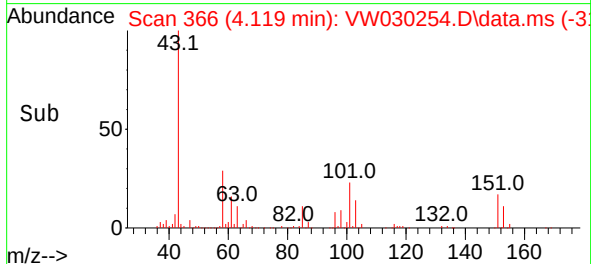


#13
Acetone
Concen: 253.096 ug/L
RT: 4.119 min Scan# 366
Delta R.T. -0.012 min
Lab File: VW030254.D
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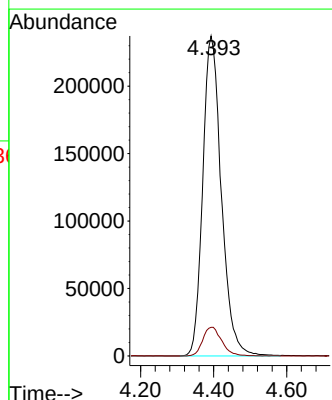
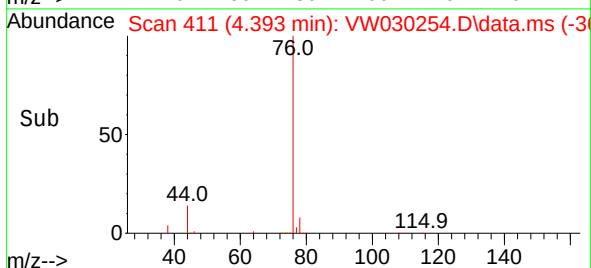
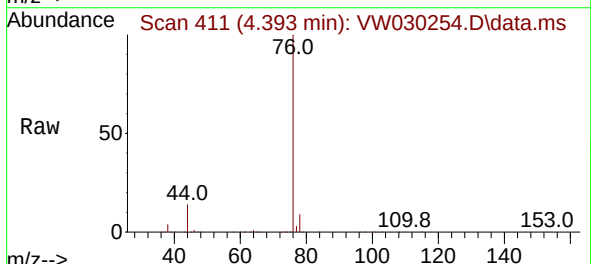


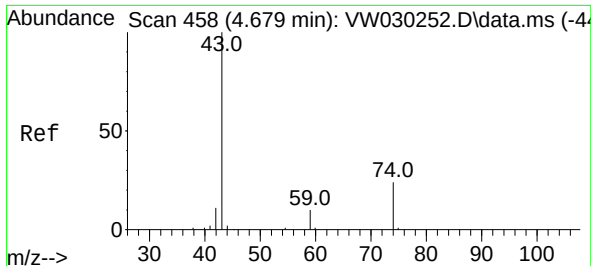
Tgt Ion: 43 Resp: 217380
Ion Ratio Lower Upper
43 100
58 30.3 0.0 62.0



#14
Carbon disulfide
Concen: 94.303 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.000 min
Lab File: VW030254.D
Acq: 26 Sep 2024 12:18

Tgt Ion: 76 Resp: 838000
Ion Ratio Lower Upper
76 100
78 8.9 6.8 10.2





#15

Methyl Acetate

Concen: 100.331 ug/L

RT: 4.667 min Scan# 4

Delta R.T. -0.012 min

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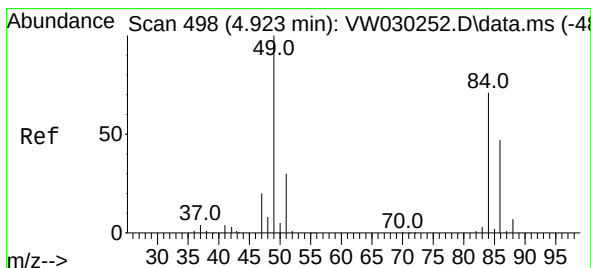
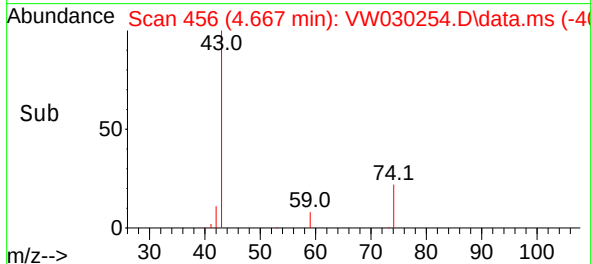
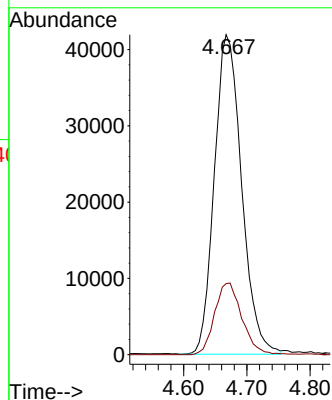
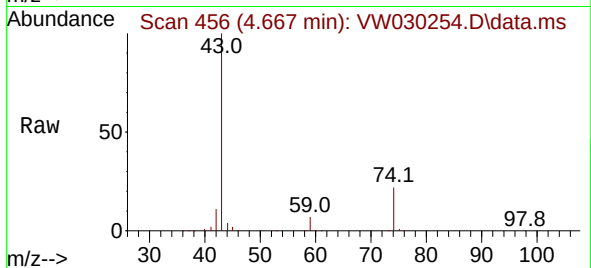
ClientSampleId :

Tgt Ion: 43 Resp: 125173

Ion Ratio Lower Upper

43 100

74 22.3 17.3 25.9



#16

Methylene chloride

Concen: 87.114 ug/L

RT: 4.917 min Scan# 497

Delta R.T. -0.006 min

Lab File: VW030254.D

Acq: 26 Sep 2024 12:18

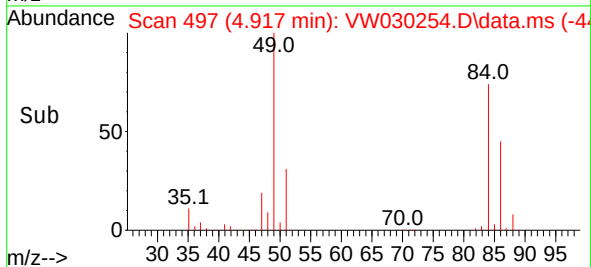
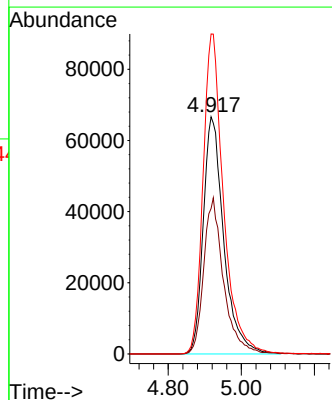
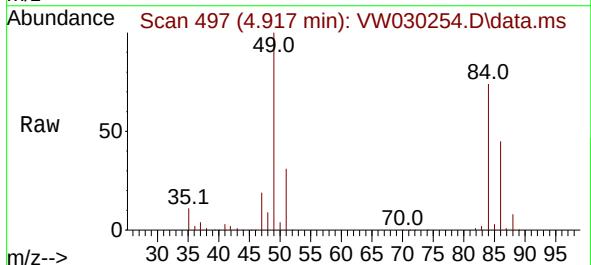
Tgt Ion: 84 Resp: 259244

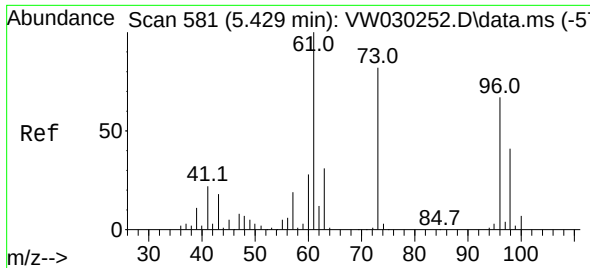
Ion Ratio Lower Upper

84 100

86 61.3 46.7 86.7

49 134.9 98.8 183.6





#17

trans-1,2-Dichloroethene

Concen: 97.727 ug/L

RT: 5.429 min Scan# 581

Delta R.T. 0.000 min

Lab File: VW030254.D

Acq: 26 Sep 2024 12:18

Instrument :

MSVOA_W

ClientSampleId :

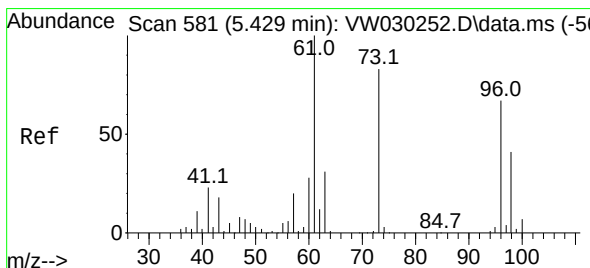
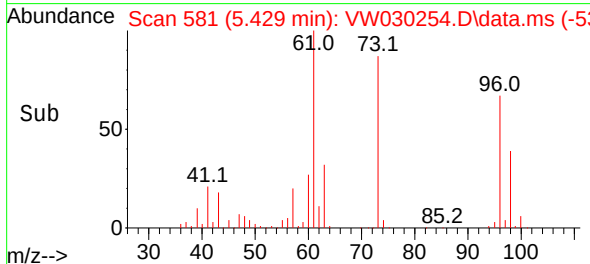
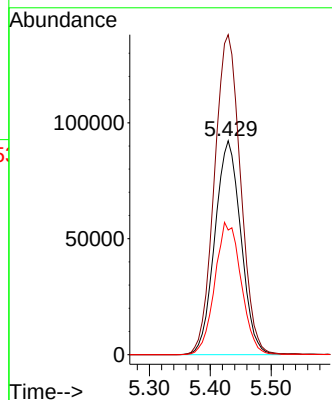
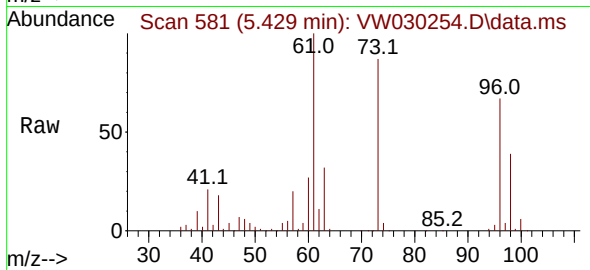
Tgt Ion: 96 Resp: 274301

Ion Ratio Lower Upper

96 100

61 149.5 104.3 193.7

98 58.3 42.6 79.0



#18

Methyl tert-butyl Ether

Concen: 111.388 ug/L

RT: 5.423 min Scan# 580

Delta R.T. -0.006 min

Lab File: VW030254.D

Acq: 26 Sep 2024 12:18

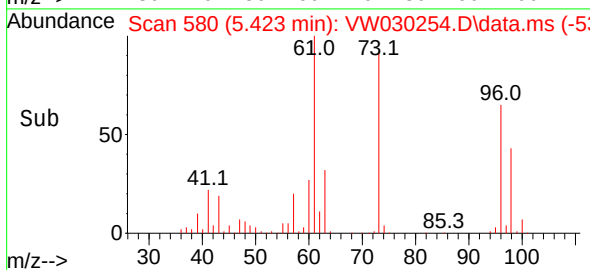
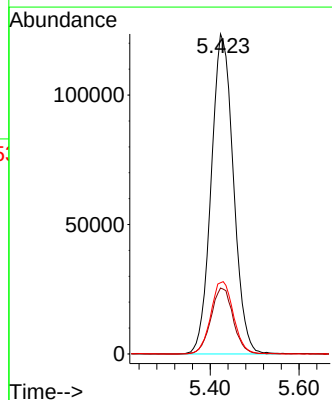
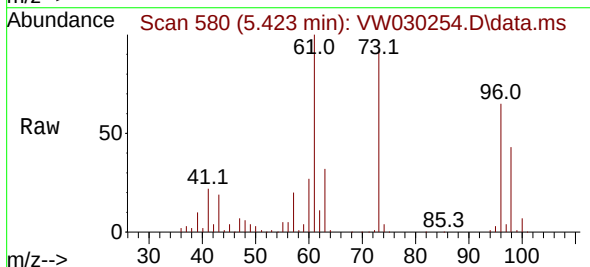
Tgt Ion: 73 Resp: 428378

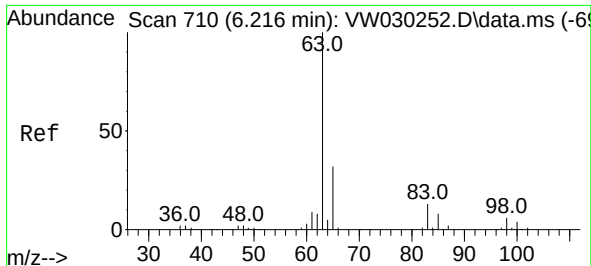
Ion Ratio Lower Upper

73 100

43 20.7 17.4 26.2

57 23.0 19.0 28.6





#19

1,1-Dichloroethane

Concen: 93.815 ug/L

RT: 6.216 min Scan# 710

Delta R.T. 0.000 min

Lab File: VW030254.D

Acq: 26 Sep 2024 12:18

Instrument :

MSVOA_W

ClientSampleId :

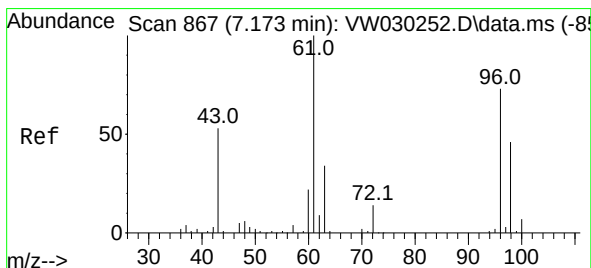
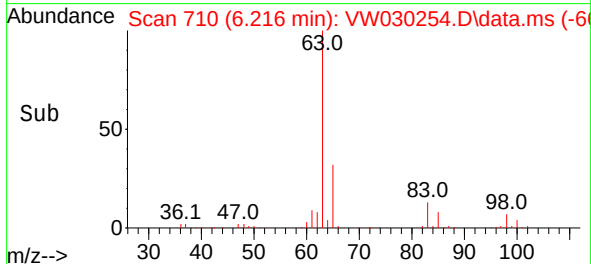
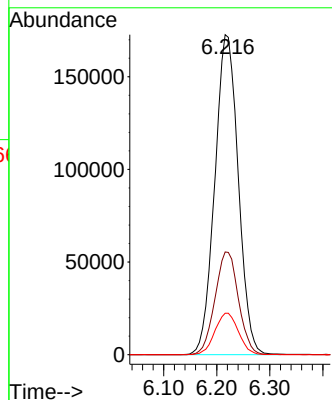
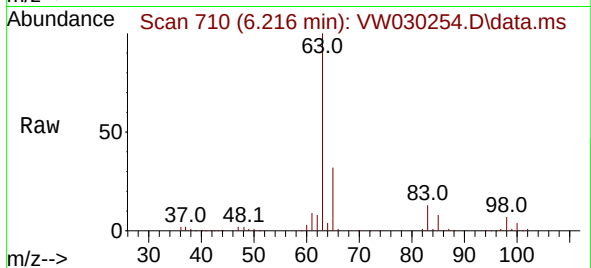
Tgt Ion: 63 Resp: 530916

Ion Ratio Lower Upper

63 100

65 32.1 22.0 41.0

83 12.9 9.0 16.6



#20

cis-1,2-Dichloroethene

Concen: 99.608 ug/L

RT: 7.167 min Scan# 866

Delta R.T. -0.006 min

Lab File: VW030254.D

Acq: 26 Sep 2024 12:18

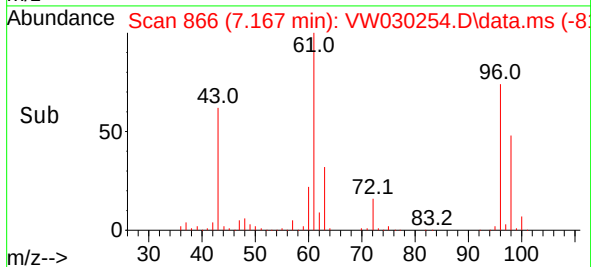
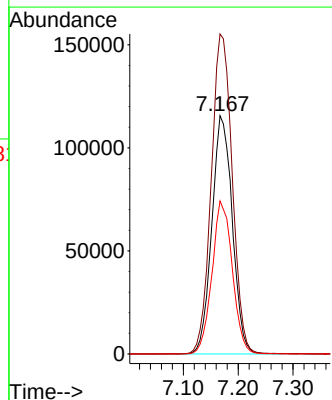
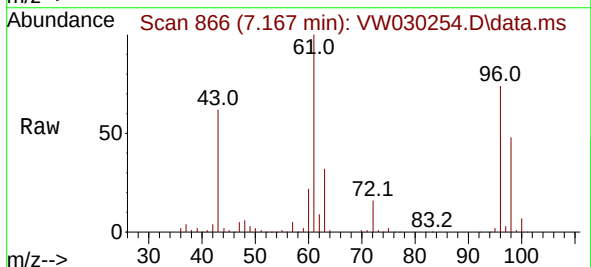
Tgt Ion: 96 Resp: 299393

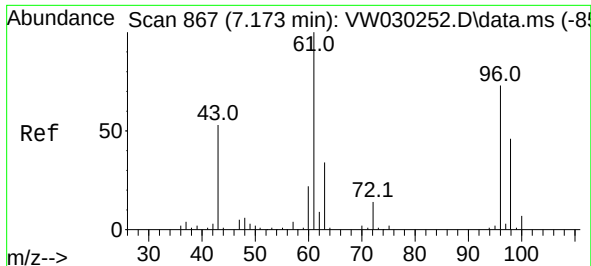
Ion Ratio Lower Upper

96 100

61 134.4 96.8 179.8

98 64.2 44.6 82.8





#22

2-Butanone

Concen: 237.448 ug/L

RT: 7.167 min Scan# 866

Delta R.T. -0.006 min

Lab File: VW030254.D

Acq: 26 Sep 2024 12:18

Instrument :

MSVOA_W

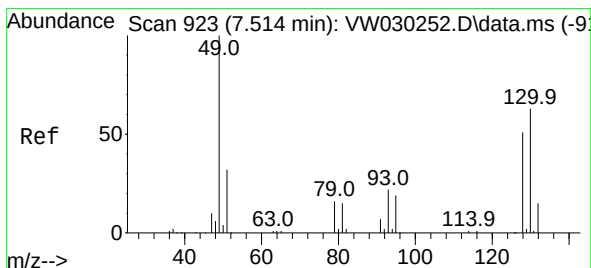
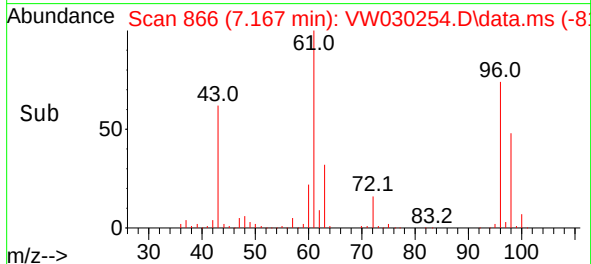
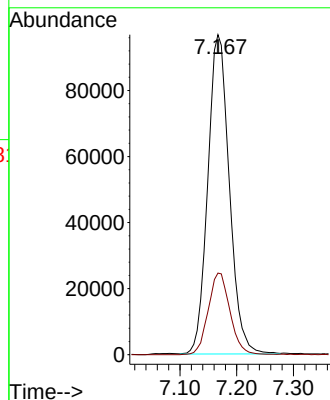
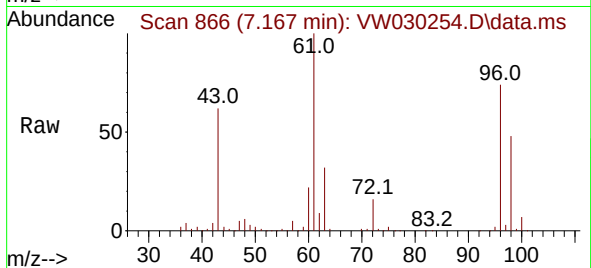
ClientSampleId :

Tgt Ion: 43 Resp: 254880

Ion Ratio Lower Upper

43 100

72 25.8 13.0 39.0



#23

Bromochloromethane

Concen: 98.081 ug/L

RT: 7.514 min Scan# 923

Delta R.T. 0.000 min

Lab File: VW030254.D

Acq: 26 Sep 2024 12:18

Tgt Ion: 128 Resp: 120275

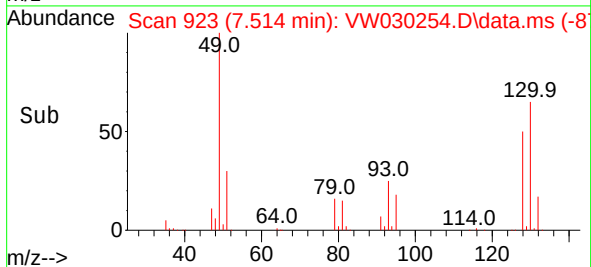
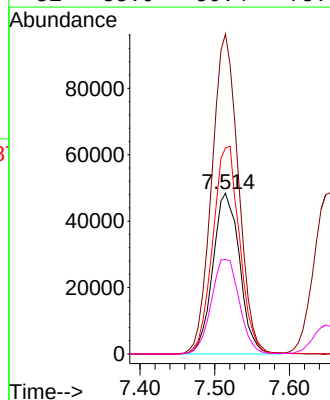
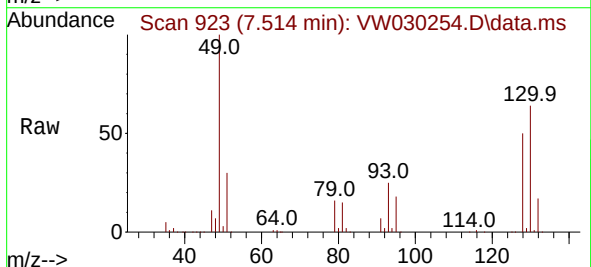
Ion Ratio Lower Upper

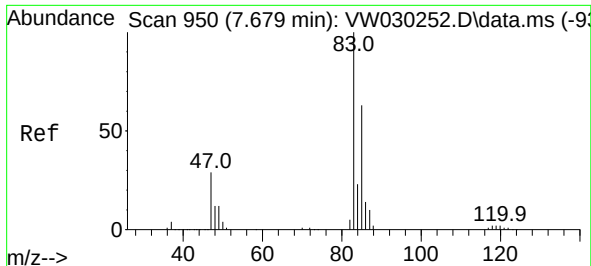
128 100

49 199.2 139.9 259.7

130 128.2 87.2 161.9

51 58.9 50.4 75.6





#25

Chloroform

Concen: 94.644 ug/L

RT: 7.673 min Scan# 949

Delta R.T. -0.006 min

Lab File: VW030254.D

Acq: 26 Sep 2024 12:18

Instrument :

MSVOA_W

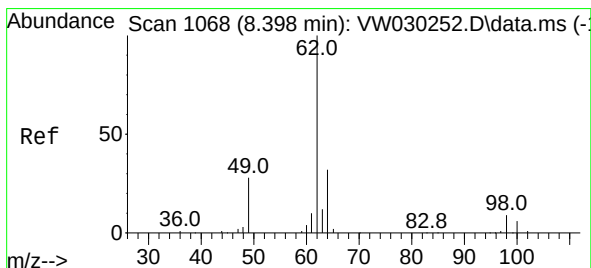
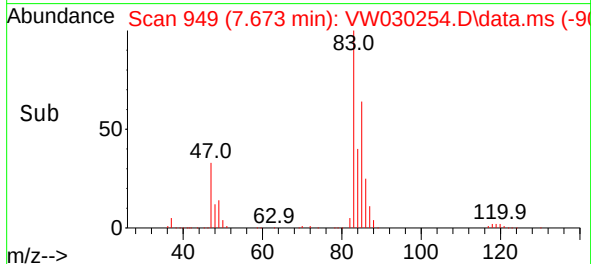
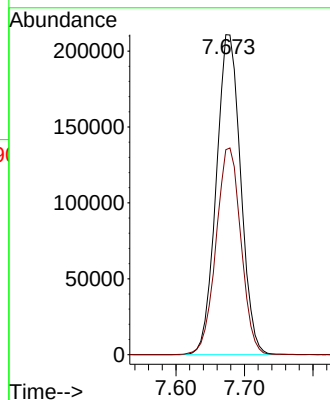
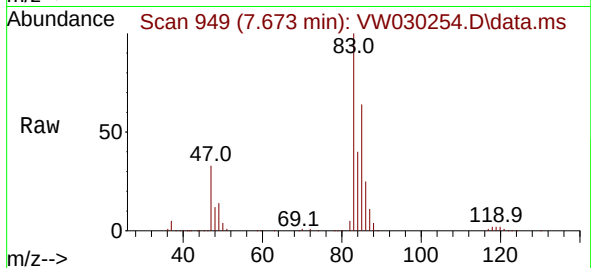
ClientSampleId :

Tgt Ion: 83 Resp: 521163

Ion Ratio Lower Upper

83 100

85 64.1 43.8 81.4



#27

1,2-Dichloroethane

Concen: 96.430 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. 0.000 min

Lab File: VW030254.D

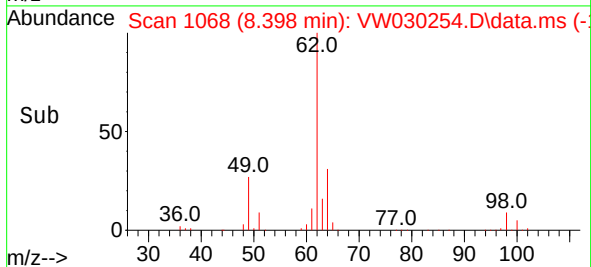
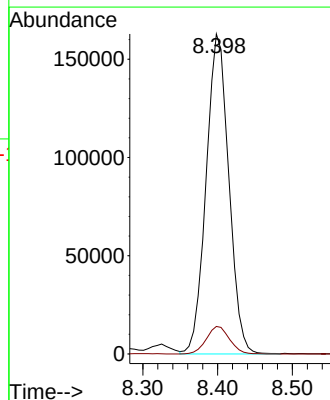
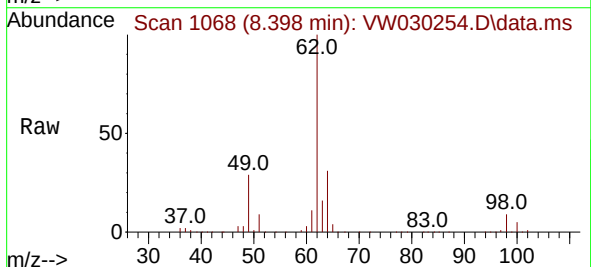
Acq: 26 Sep 2024 12:18

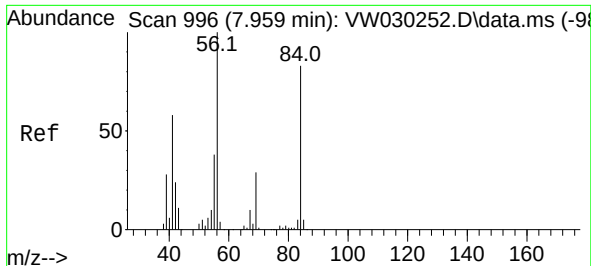
Tgt Ion: 62 Resp: 343847

Ion Ratio Lower Upper

62 100

98 8.6 7.4 11.0





#29

Cyclohexane

Concen: 100.463 ug/L

RT: 7.959 min Scan# 996

Delta R.T. 0.000 min

Lab File: VW030254.D

Acq: 26 Sep 2024 12:18

Instrument :

MSVOA_W

ClientSampleId :

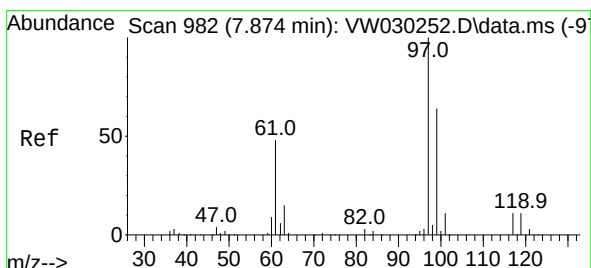
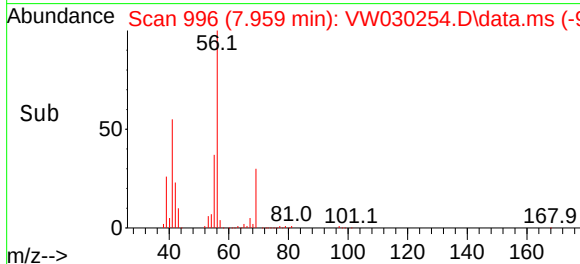
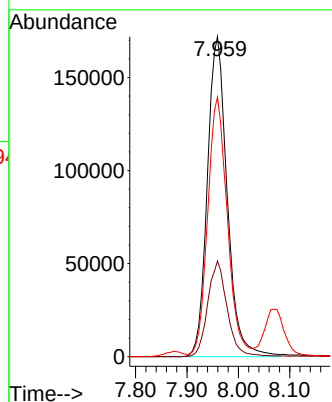
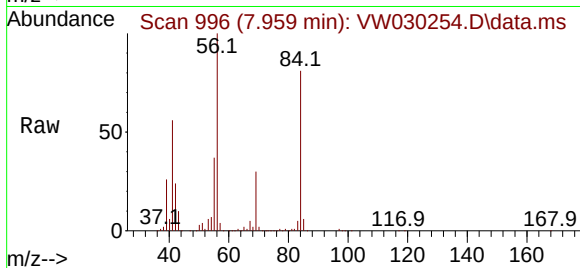
Tgt Ion: 56 Resp: 461630

Ion Ratio Lower Upper

56 100

69 29.2 23.4 35.0

84 80.1 65.2 97.8



#30

1,1,1-Trichloroethane

Concen: 93.060 ug/L

RT: 7.874 min Scan# 982

Delta R.T. 0.000 min

Lab File: VW030254.D

Acq: 26 Sep 2024 12:18

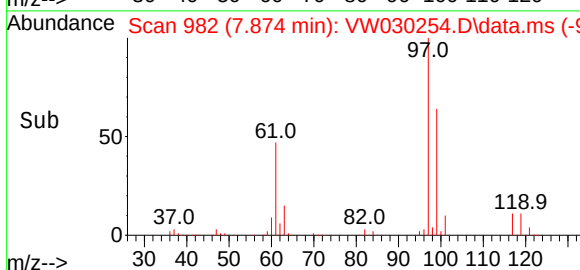
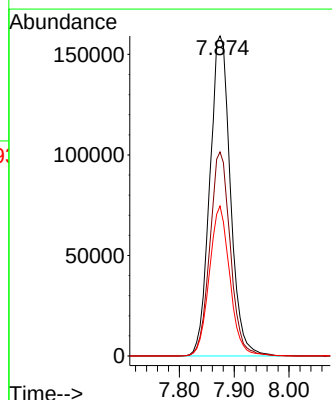
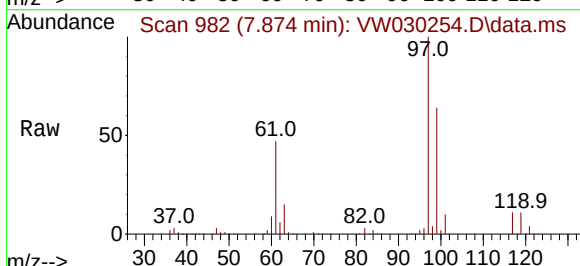
Tgt Ion: 97 Resp: 416000

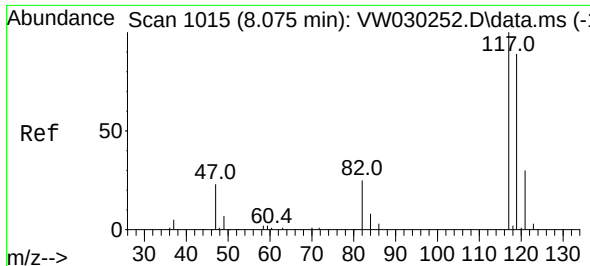
Ion Ratio Lower Upper

97 100

99 63.3 50.8 76.2

61 46.5 38.8 58.2

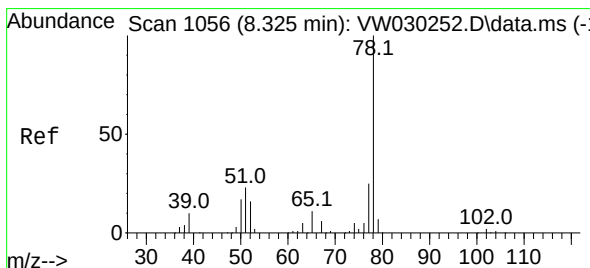
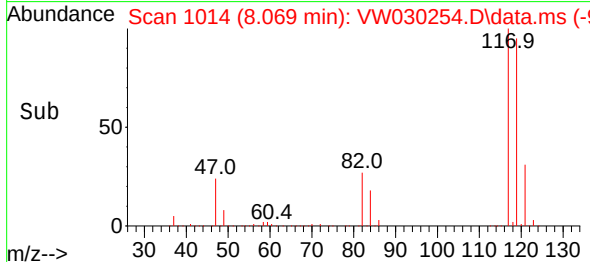
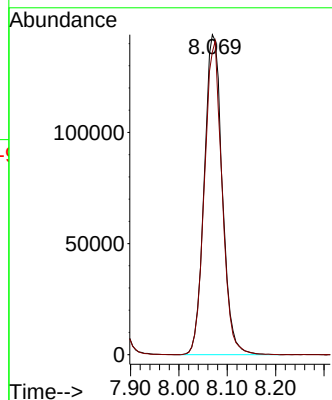
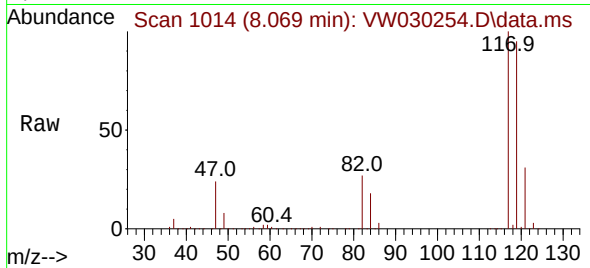




#31
Carbon tetrachloride
Concen: 91.949 ug/L
RT: 8.069 min Scan# 1015
Delta R.T. -0.006 min
Lab File: VW030254.D
Acq: 26 Sep 2024 12:18

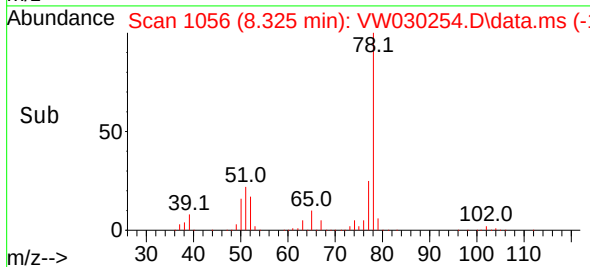
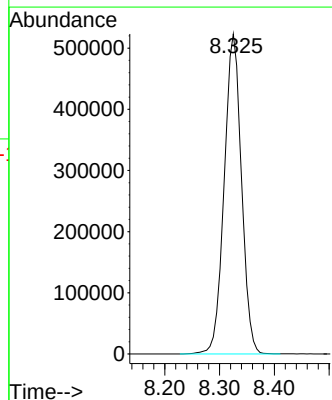
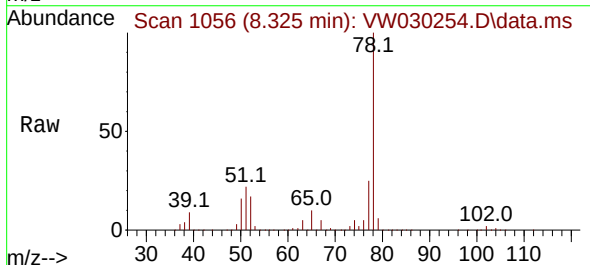
Instrument :
MSVOA_W
ClientSampleId :

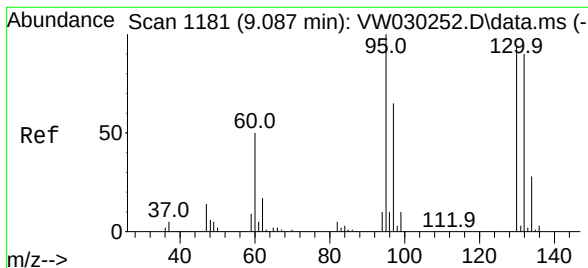
Tgt Ion:117 Resp: 372387
Ion Ratio Lower Upper
117 100
119 95.5 73.8 110.6



#33
Benzene
Concen: 92.682 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VW030254.D
Acq: 26 Sep 2024 12:18

Tgt Ion: 78 Resp: 1146928





#34

Trichloroethene

Concen: 94.872 ug/L

RT: 9.093 min Scan# 1181

Delta R.T. 0.006 min

Lab File: VW030254.D

Acq: 26 Sep 2024 12:18

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 304541

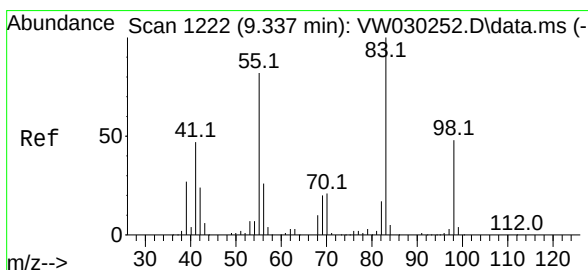
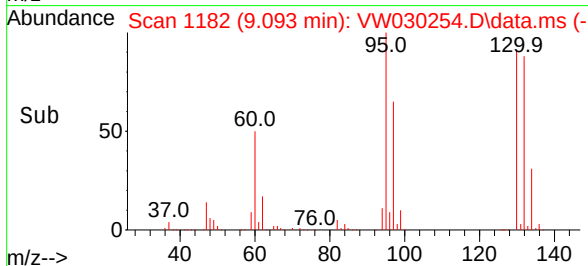
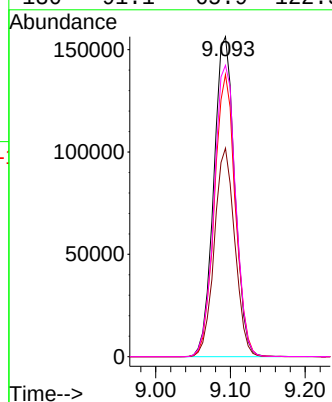
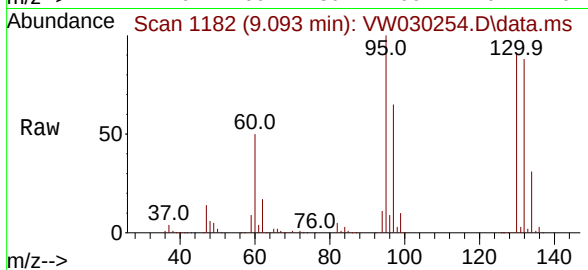
Ion Ratio Lower Upper

95 100

97 65.1 45.6 84.8

132 88.1 63.0 117.0

130 91.1 65.9 122.5



#35

Methylcyclohexane

Concen: 97.447 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VW030254.D

Acq: 26 Sep 2024 12:18

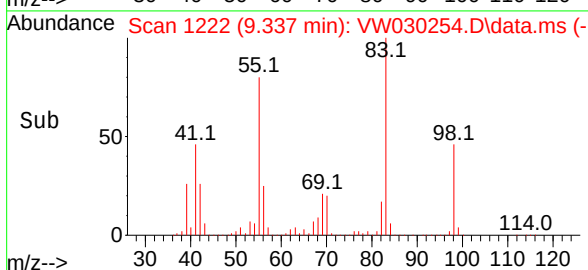
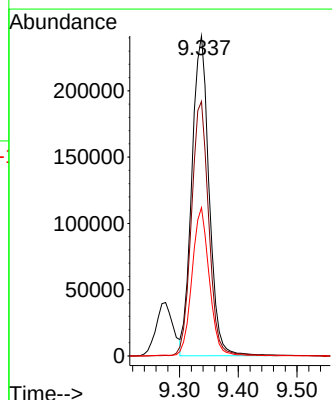
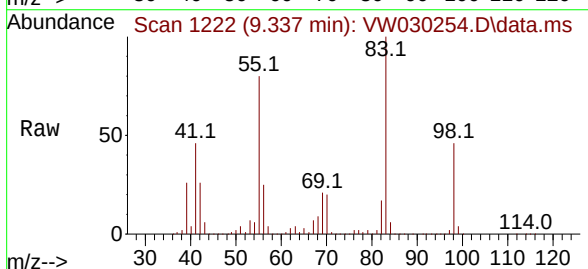
Tgt Ion: 83 Resp: 491898

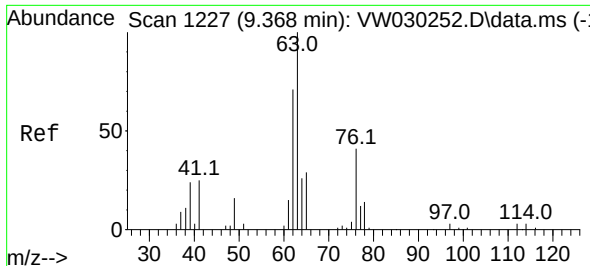
Ion Ratio Lower Upper

83 100

55 79.8 65.8 98.6

98 45.7 38.0 57.0





#37

1,2-Dichloropropane

Concen: 92.311 ug/L

RT: 9.368 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VW030254.D

Acq: 26 Sep 2024 12:18

Instrument :

MSVOA_W

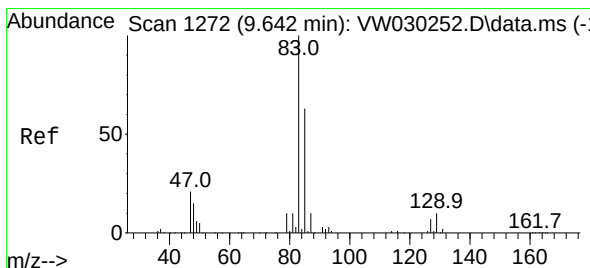
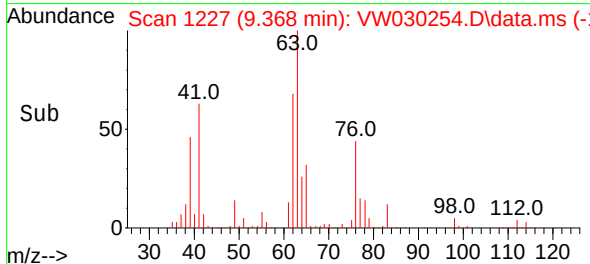
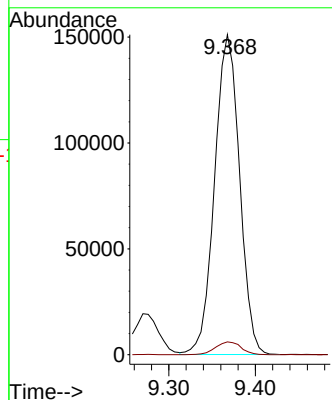
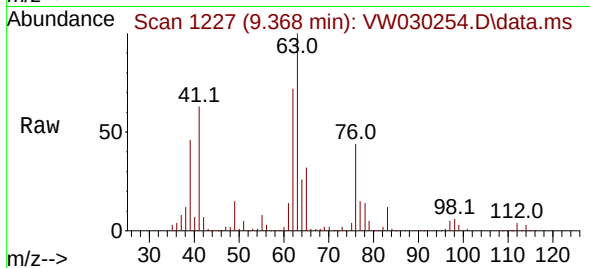
ClientSampleId :

Tgt Ion: 63 Resp: 302778

Ion Ratio Lower Upper

63 100

112 4.1 3.2 4.8



#38

Bromodichloromethane

Concen: 98.011 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW030254.D

Acq: 26 Sep 2024 12:18

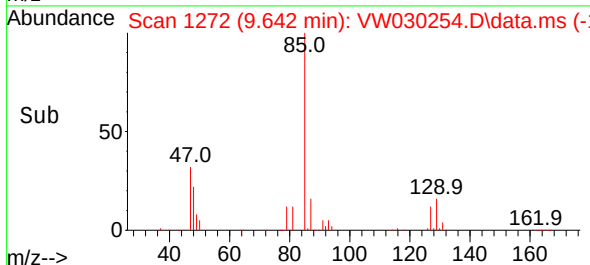
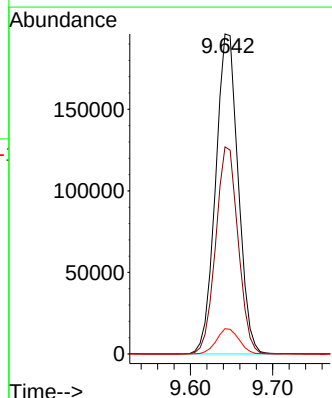
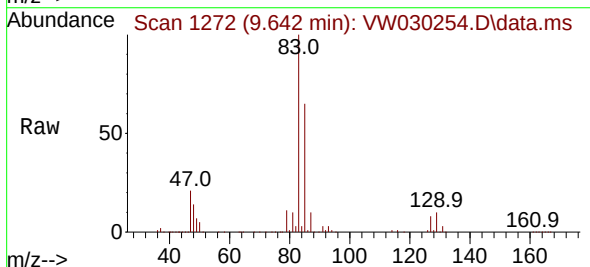
Tgt Ion: 83 Resp: 374413

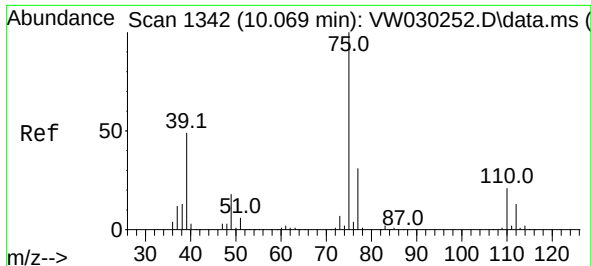
Ion Ratio Lower Upper

83 100

85 64.7 44.1 81.9

127 7.9 5.8 8.8





#39

cis-1,3-Dichloropropene

Concen: 105.689 ug/L

RT: 10.075 min Scan# 1343

Delta R.T. 0.006 min

Lab File: VW030254.D

Acq: 26 Sep 2024 12:18

Instrument :

MSVOA_W

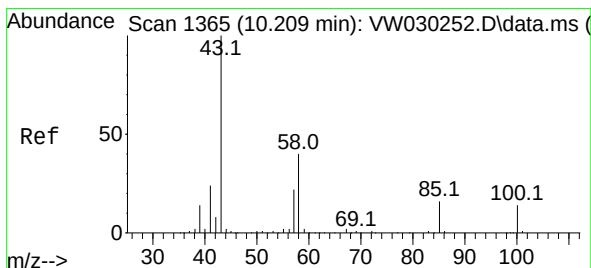
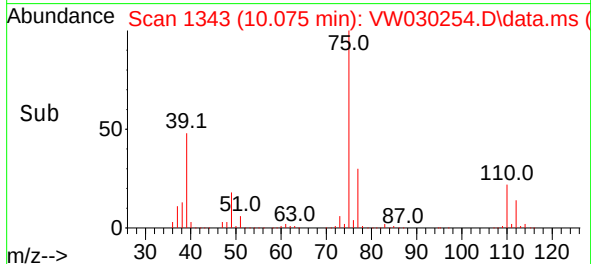
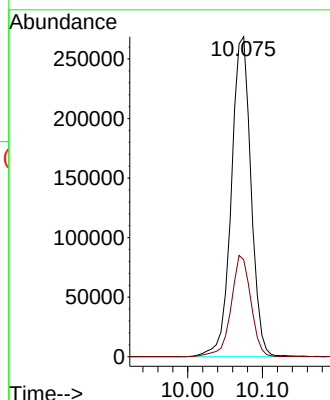
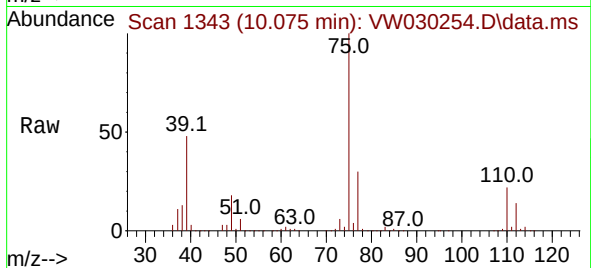
ClientSampleId :

Tgt Ion: 75 Resp: 492259

Ion Ratio Lower Upper

75 100

77 30.3 21.9 40.7



#40

4-Methyl-2-pentanone

Concen: 230.547 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW030254.D

Acq: 26 Sep 2024 12:18

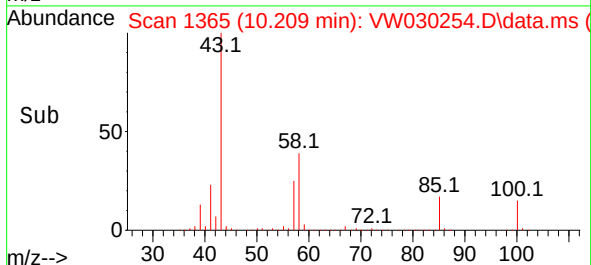
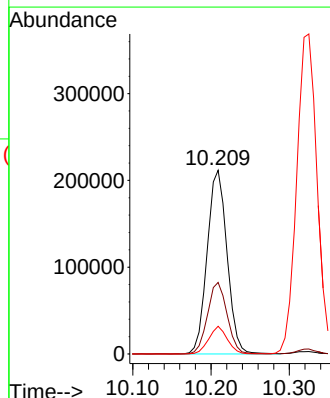
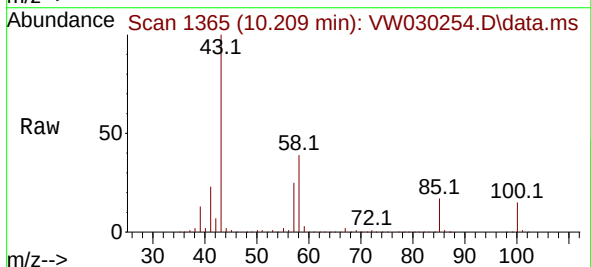
Tgt Ion: 43 Resp: 373028

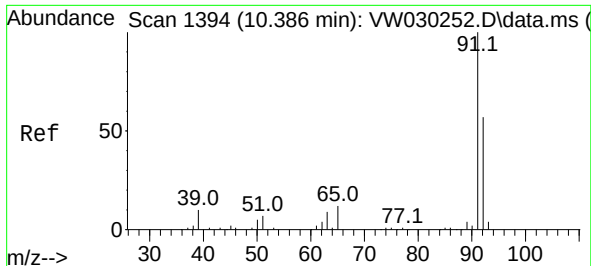
Ion Ratio Lower Upper

43 100

58 38.4 30.3 45.5

100 14.0 11.0 16.4





#42

Toluene

Concen: 97.754 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. 0.000 min

Lab File: VW030254.D

Acq: 26 Sep 2024 12:18

Instrument :

MSVOA_W

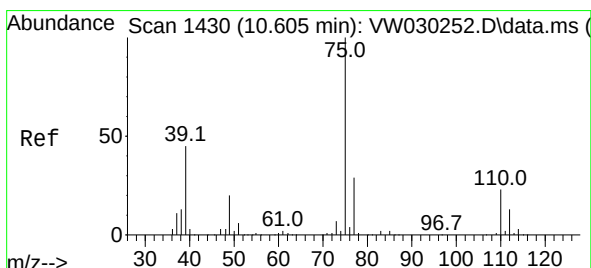
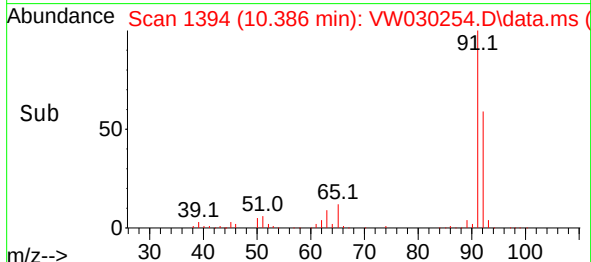
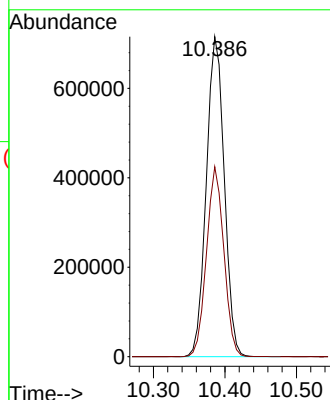
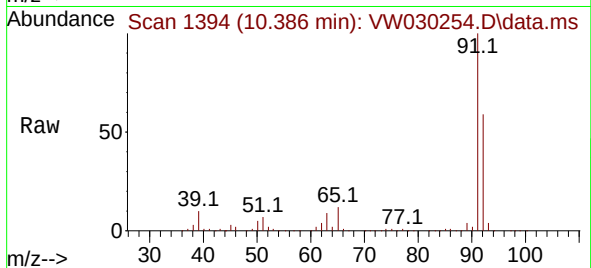
ClientSampleId :

Tgt Ion: 91 Resp: 1248426

Ion Ratio Lower Upper

91 100

92 59.4 39.8 73.8



#44

trans-1,3-Dichloropropene

Concen: 108.996 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VW030254.D

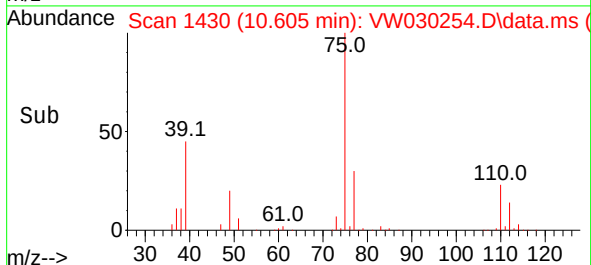
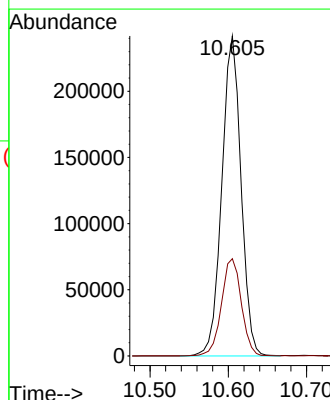
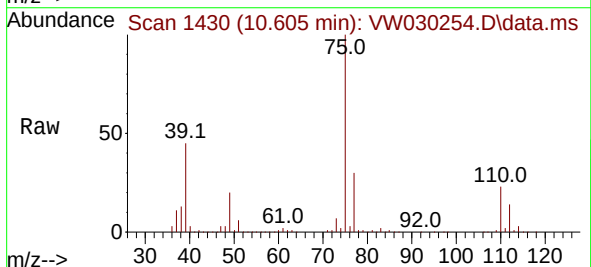
Acq: 26 Sep 2024 12:18

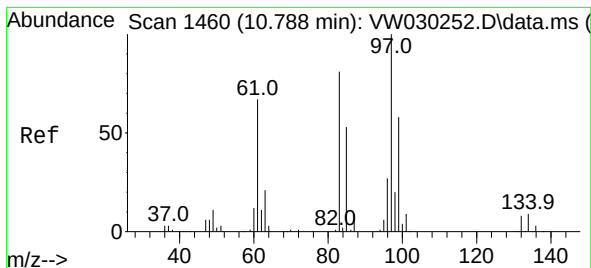
Tgt Ion: 75 Resp: 412486

Ion Ratio Lower Upper

75 100

77 30.4 20.7 38.5





#45

1,1,2-Trichloroethane

Concen: 98.924 ug/L

RT: 10.788 min Scan# 1460

Delta R.T. 0.000 min

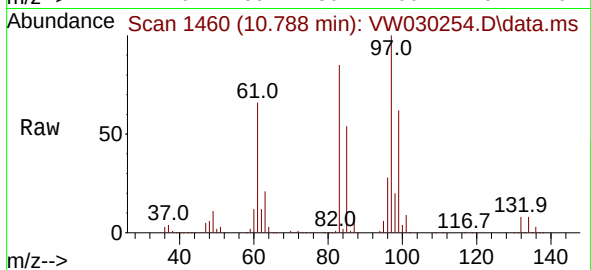
Lab File: VW030254.D

Acq: 26 Sep 2024 12:18

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 97 Resp: 206714

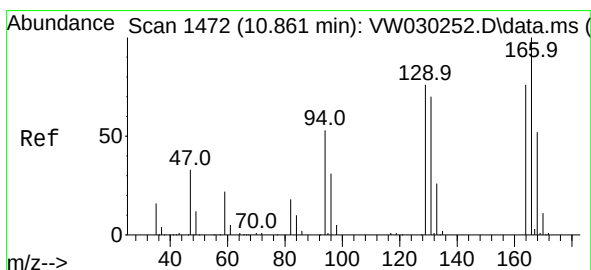
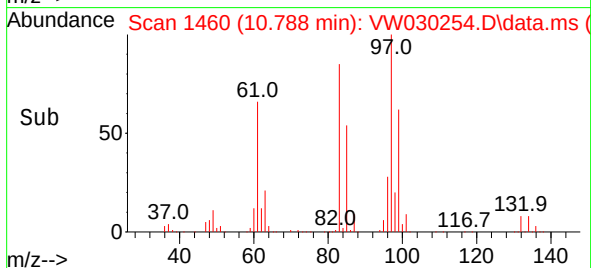
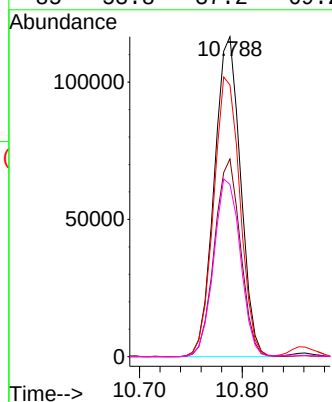
Ion Ratio Lower Upper

97 100

99 61.8 40.4 75.0

83 84.9 56.7 105.3

85 53.8 37.2 69.2



#46

Tetrachloroethene

Concen: 93.389 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VW030254.D

Acq: 26 Sep 2024 12:18

Tgt Ion:164 Resp: 209643

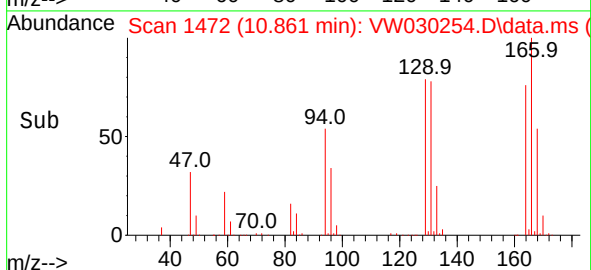
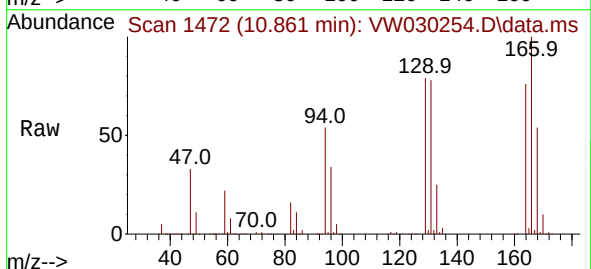
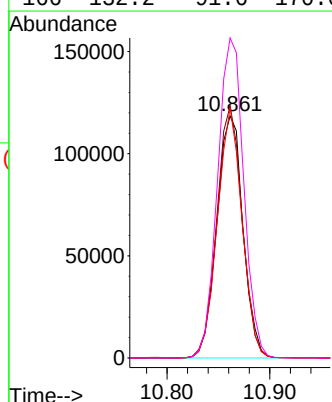
Ion Ratio Lower Upper

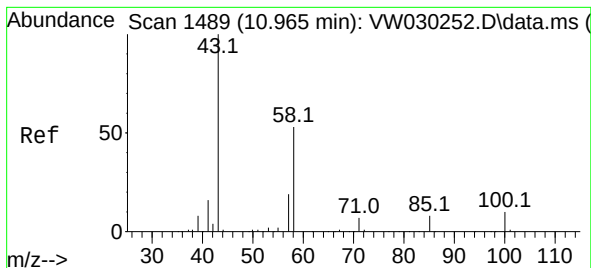
164 100

129 104.1 69.9 129.9

131 103.3 63.8 118.6

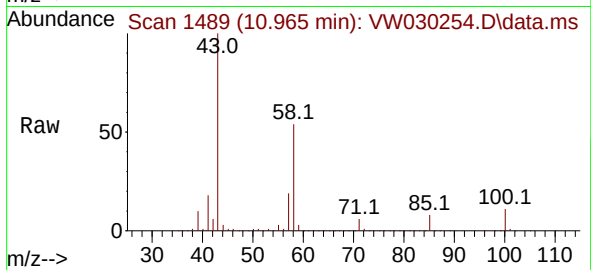
166 132.2 91.6 170.0



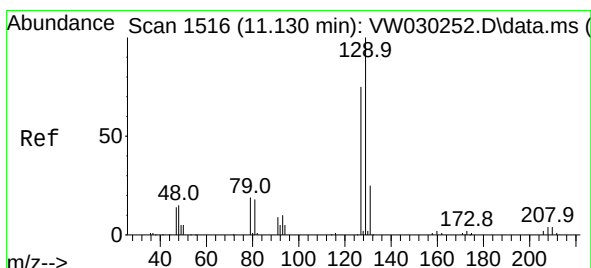
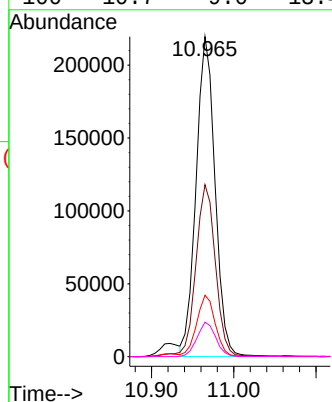
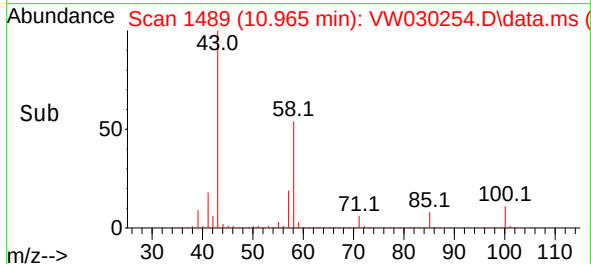


#48
2-Hexanone
Concen: 257.809 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW030254.D
Acq: 26 Sep 2024 12:18

Instrument :
MSVOA_W
ClientSampleId :

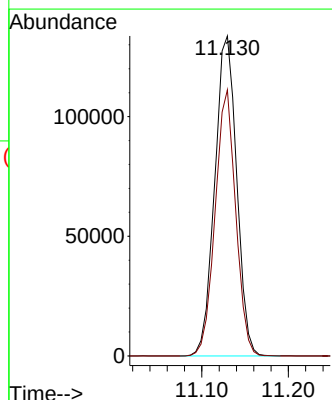
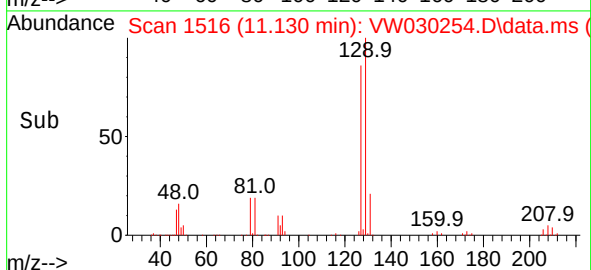
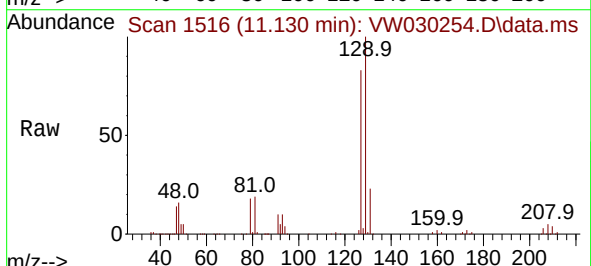


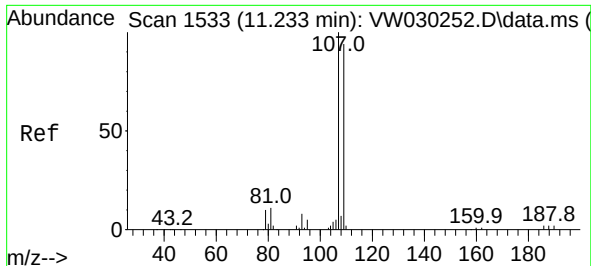
Tgt Ion: 43 Resp: 350795
Ion Ratio Lower Upper
43 100
58 55.9 43.3 64.9
57 19.0 15.4 23.0
100 10.7 9.0 13.4



#49
Dibromochloromethane
Concen: 104.791 ug/L
RT: 11.130 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VW030254.D
Acq: 26 Sep 2024 12:18

Tgt Ion: 129 Resp: 235011
Ion Ratio Lower Upper
129 100
127 83.1 52.2 97.0





#50

1,2-Dibromoethane

Concen: 102.338 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. 0.000 min

Lab File: VW030254.D

Acq: 26 Sep 2024 12:18

Instrument :

MSVOA_W

ClientSampleId :

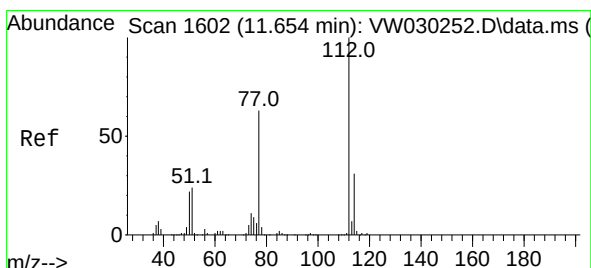
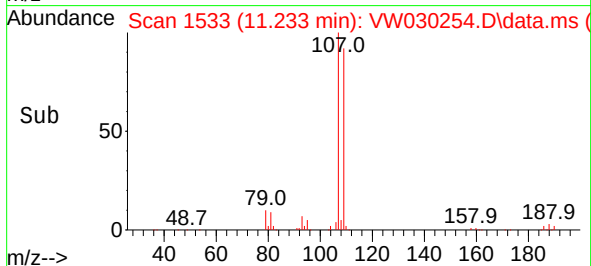
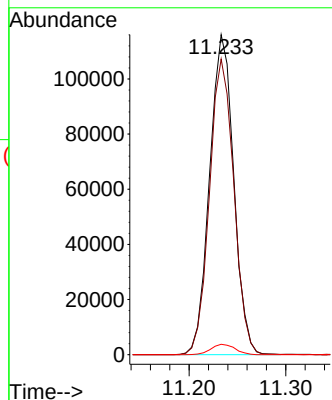
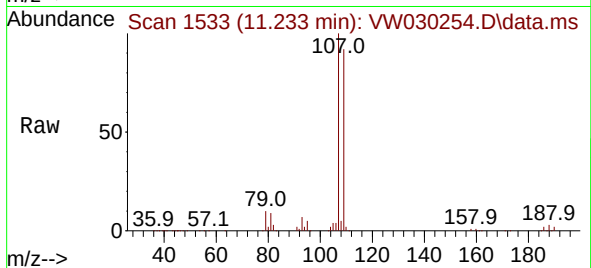
Tgt Ion:107 Resp: 200937

Ion Ratio Lower Upper

107 100

109 92.4 65.9 122.5

188 3.3 1.9 2.9#



#51

Chlorobenzene

Concen: 93.641 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VW030254.D

Acq: 26 Sep 2024 12:18

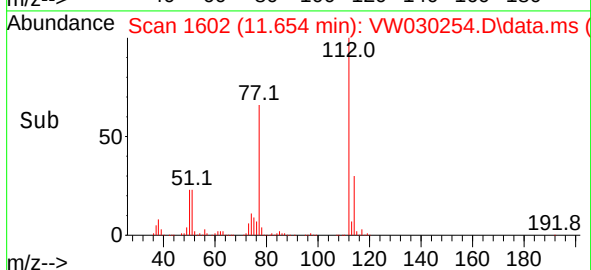
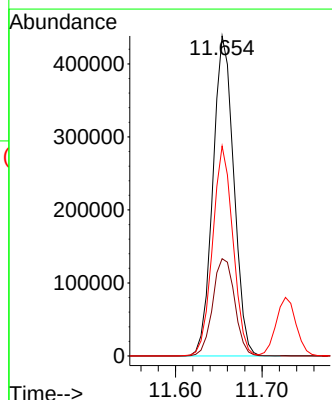
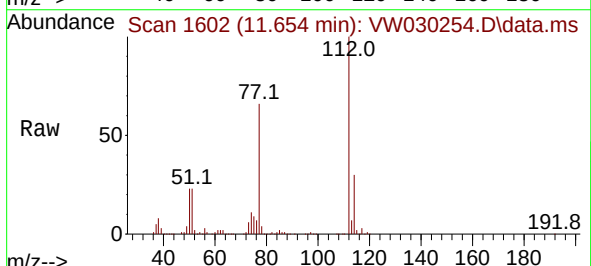
Tgt Ion:112 Resp: 735310

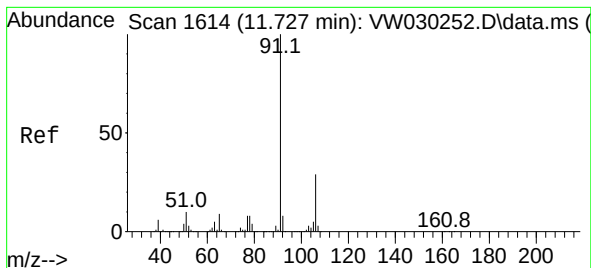
Ion Ratio Lower Upper

112 100

114 30.4 21.5 39.9

77 65.6 50.6 75.8





#52

Ethylbenzene

Concen: 98.416 ug/L

RT: 11.727 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW030254.D

Acq: 26 Sep 2024 12:18

Instrument :

MSVOA_W

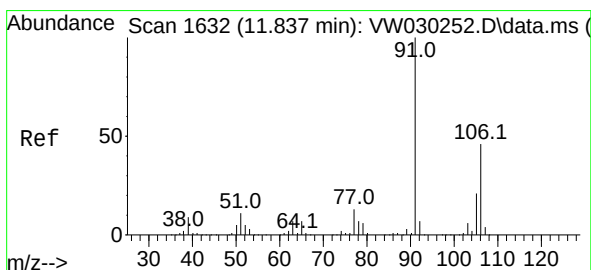
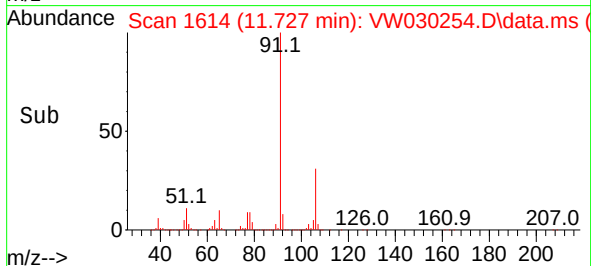
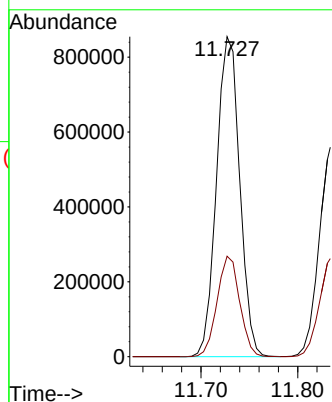
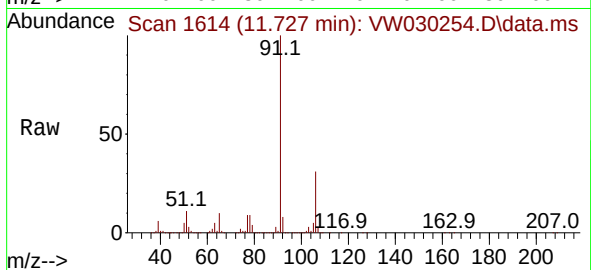
ClientSampleId :

Tgt Ion: 91 Resp: 1420543

Ion Ratio Lower Upper

91 100

106 31.4 20.4 38.0



#53

m,p-Xylene

Concen: 100.198 ug/L

RT: 11.837 min Scan# 1632

Delta R.T. 0.000 min

Lab File: VW030254.D

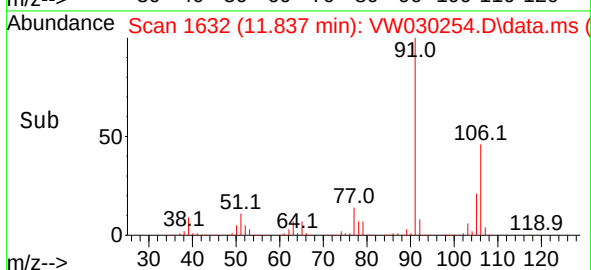
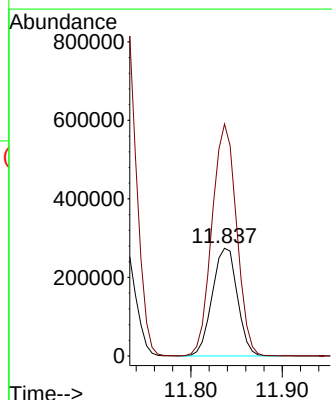
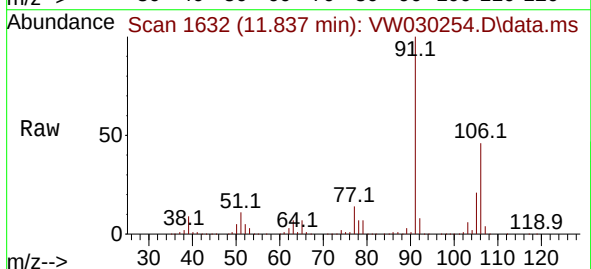
Acq: 26 Sep 2024 12:18

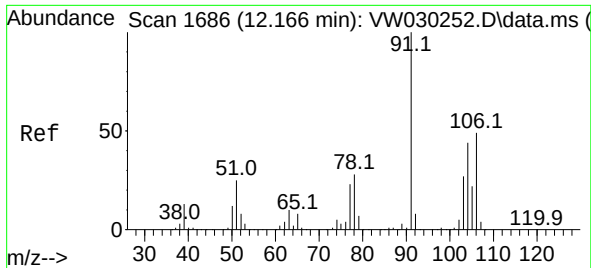
Tgt Ion:106 Resp: 524080

Ion Ratio Lower Upper

106 100

91 215.6 151.1 280.5

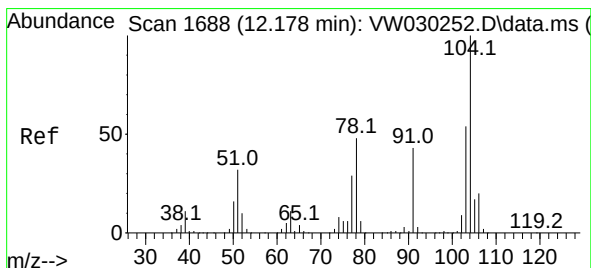
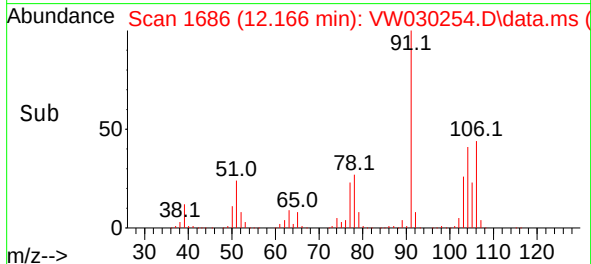
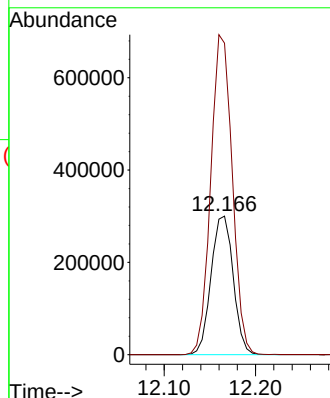
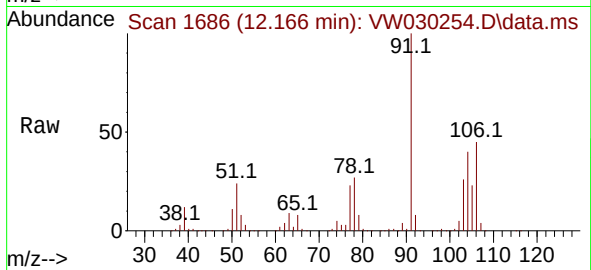




#54
o-Xylene
Concen: 102.904 ug/L
RT: 12.166 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW030254.D
Acq: 26 Sep 2024 12:18

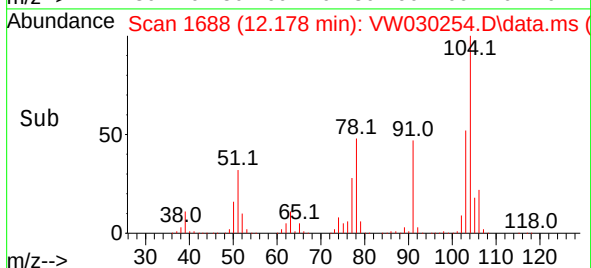
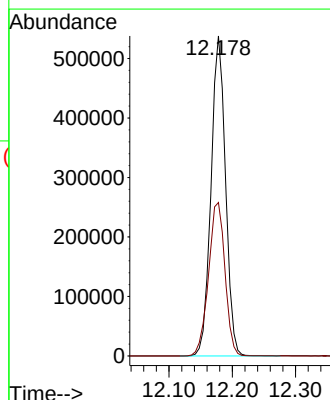
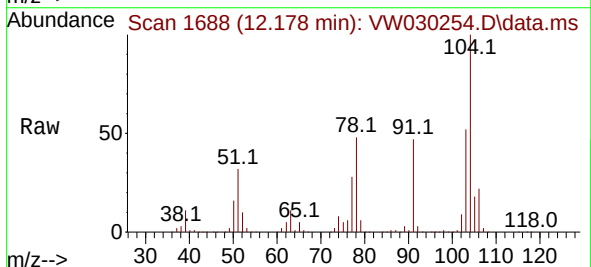
Instrument :
MSVOA_W
ClientSampleId :

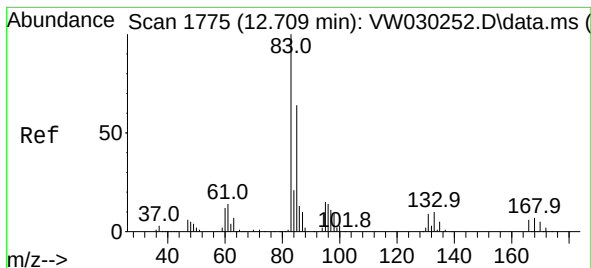
Tgt Ion:106 Resp: 505556
Ion Ratio Lower Upper
106 100
91 224.7 143.1 265.9



#55
Styrene
Concen: 103.906 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW030254.D
Acq: 26 Sep 2024 12:18

Tgt Ion:104 Resp: 859375
Ion Ratio Lower Upper
104 100
78 48.0 33.6 62.4

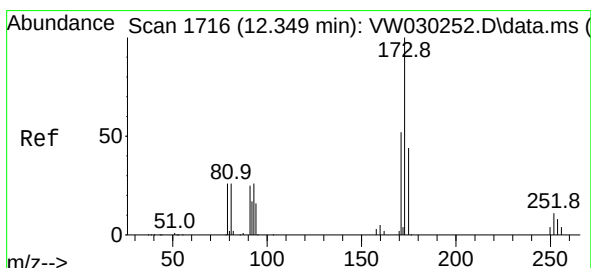
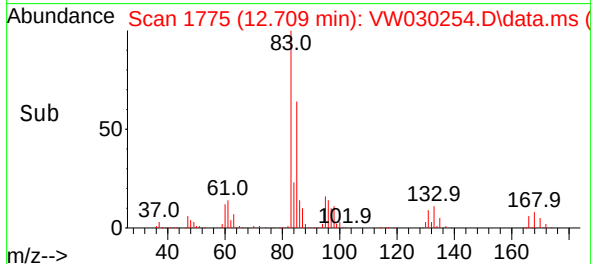
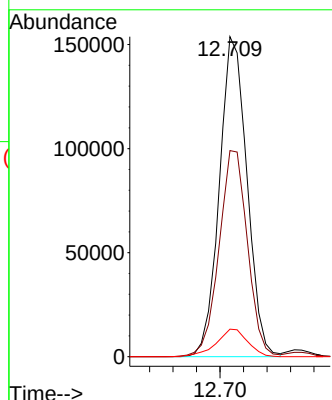
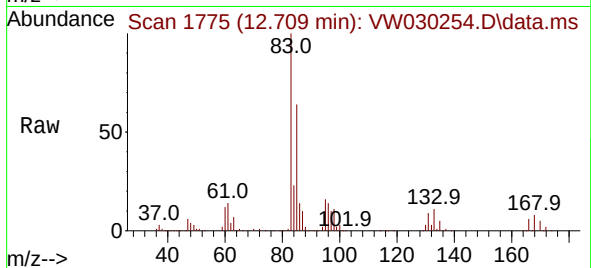




#57
1,1,2,2-Tetrachloroethane
Concen: 101.515 ug/L
RT: 12.709 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VW030254.D
Acq: 26 Sep 2024 12:18

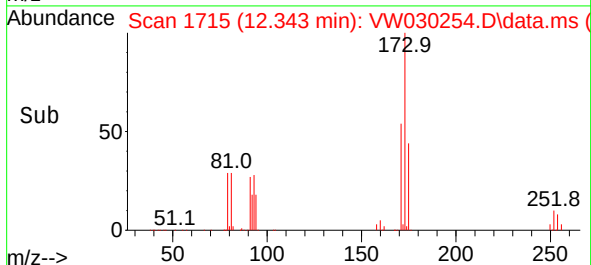
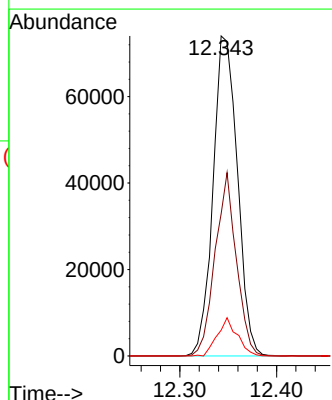
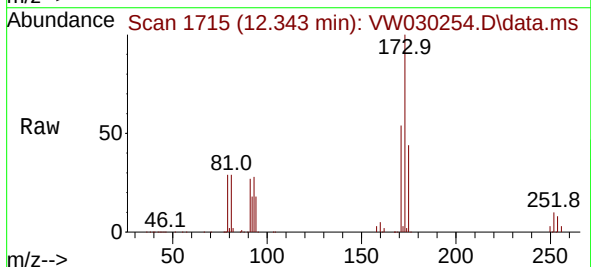
Instrument :
MSVOA_W
ClientSampleId :

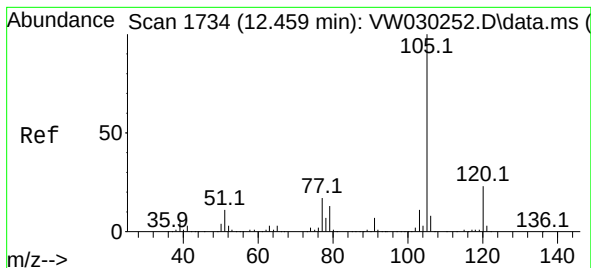
Tgt Ion: 83 Resp: 251051
Ion Ratio Lower Upper
83 100
85 64.4 44.9 83.5
131 8.6 7.3 10.9



#59
Bromoform
Concen: 98.200 ug/L
RT: 12.343 min Scan# 1715
Delta R.T. -0.006 min
Lab File: VW030254.D
Acq: 26 Sep 2024 12:18

Tgt Ion:173 Resp: 129450
Ion Ratio Lower Upper
173 100
175 50.0 37.8 56.8
254 9.7 7.4 11.2





#60

Isopropylbenzene

Concen: 98.269 ug/L

RT: 12.459 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW030254.D

Acq: 26 Sep 2024 12:18

Instrument :

MSVOA_W

ClientSampleId :

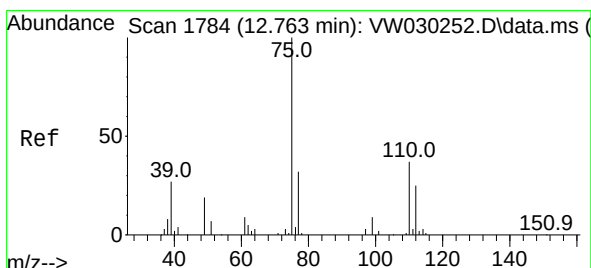
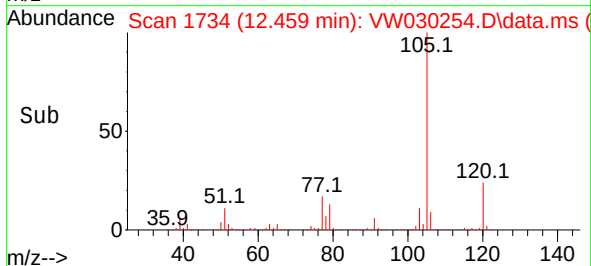
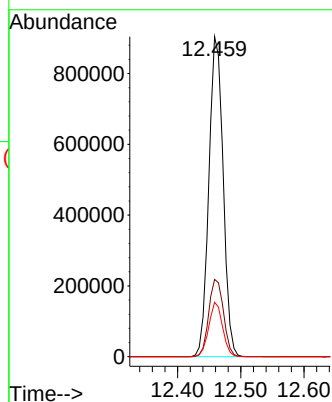
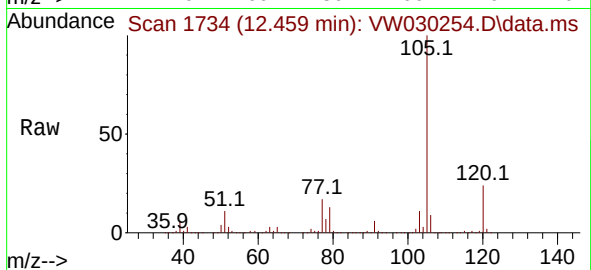
Tgt Ion:105 Resp: 1421306

Ion Ratio Lower Upper

105 100

120 25.0 20.5 30.7

77 16.4 13.6 20.4



#61

1,2,3-Trichloropropane

Concen: 95.978 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VW030254.D

Acq: 26 Sep 2024 12:18

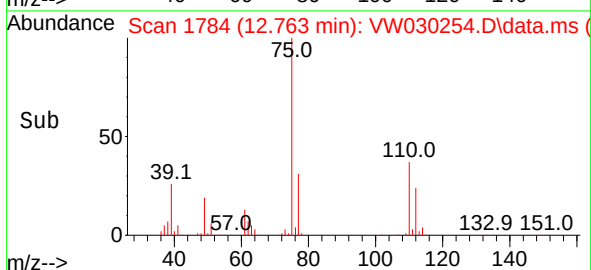
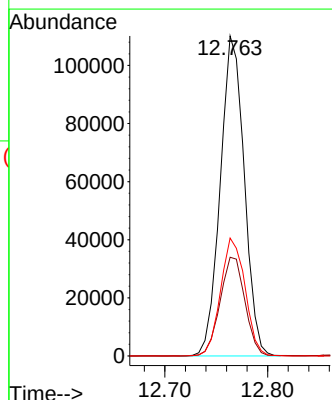
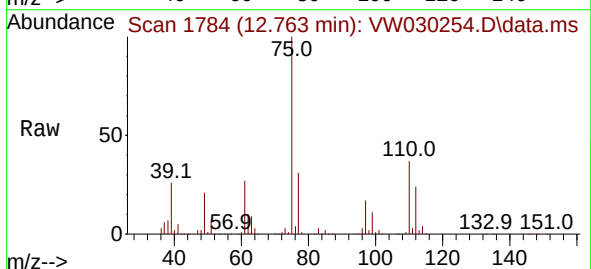
Tgt Ion: 75 Resp: 178616

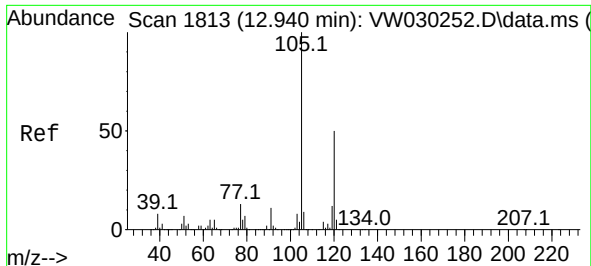
Ion Ratio Lower Upper

75 100

77 32.0 26.6 39.8

110 37.6 30.3 45.5





#62

1,3,5-Trimethylbenzene

Concen: 99.746 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. 0.000 min

Lab File: VW030254.D

Acq: 26 Sep 2024 12:18

Instrument :

MSVOA_W

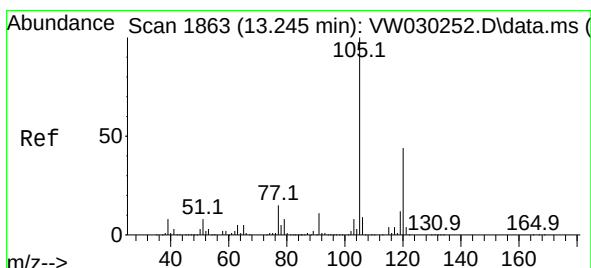
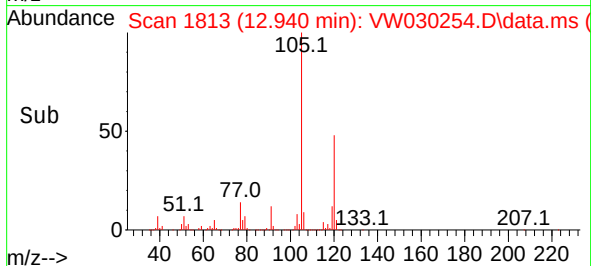
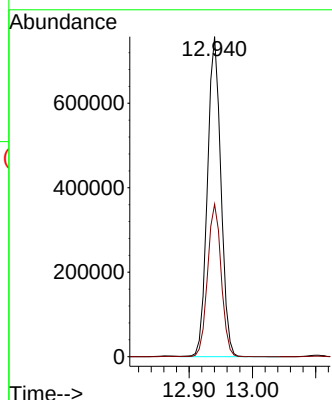
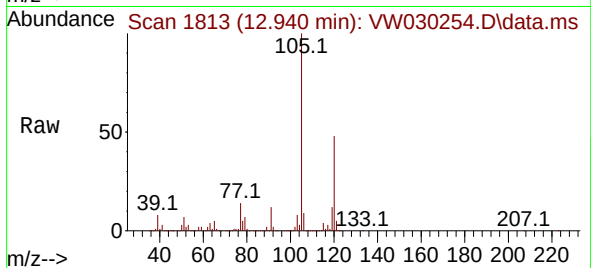
ClientSampleId :

Tgt Ion:105 Resp: 1122849

Ion Ratio Lower Upper

105 100

120 48.2 38.3 57.5



#63

1,2,4-Trimethylbenzene

Concen: 100.247 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. 0.000 min

Lab File: VW030254.D

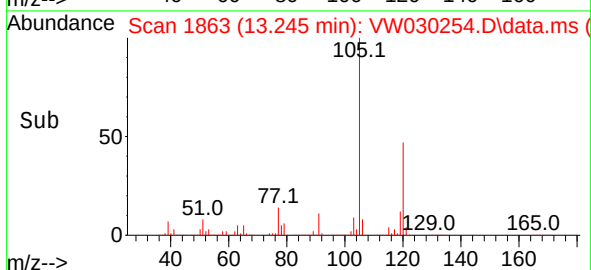
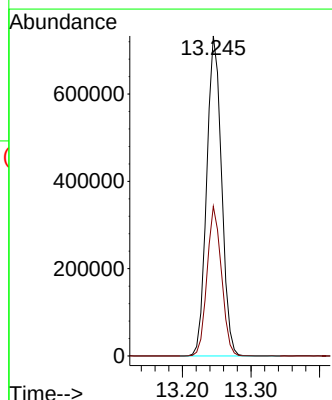
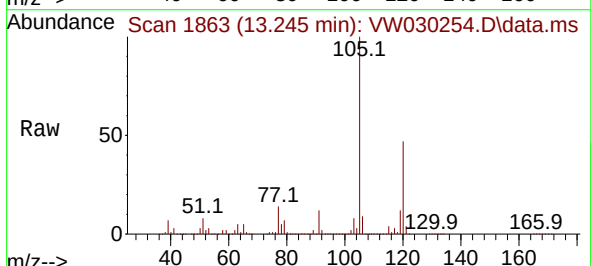
Acq: 26 Sep 2024 12:18

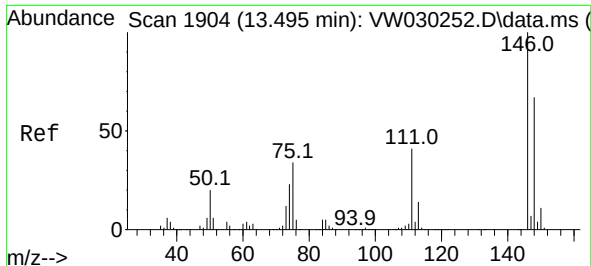
Tgt Ion:105 Resp: 1106666

Ion Ratio Lower Upper

105 100

120 45.3 35.5 53.3





#64

1,3-Dichlorobenzene

Concen: 92.260 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW030254.D

Acq: 26 Sep 2024 12:18

Instrument :

MSVOA_W

ClientSampleId :

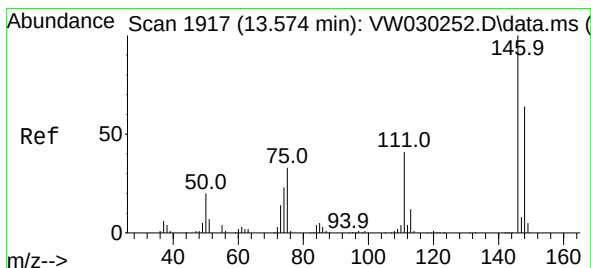
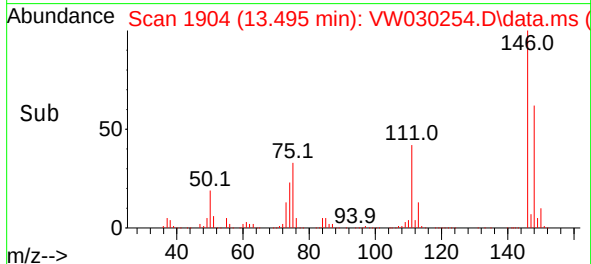
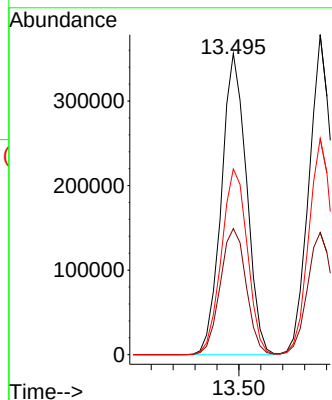
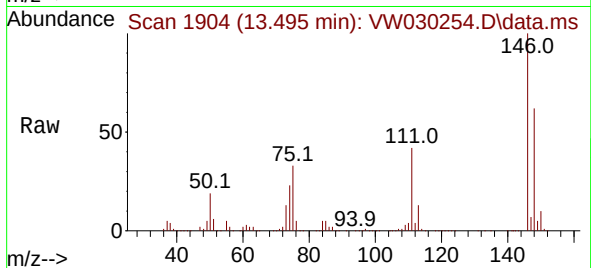
Tgt Ion:146 Resp: 567608

Ion Ratio Lower Upper

146 100

111 41.8 29.0 53.8

148 61.7 46.6 86.6



#65

1,4-Dichlorobenzene

Concen: 90.290 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW030254.D

Acq: 26 Sep 2024 12:18

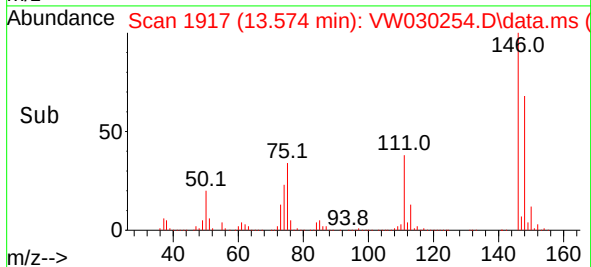
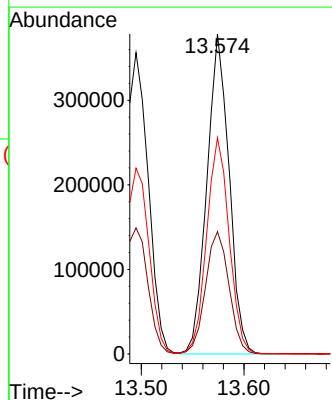
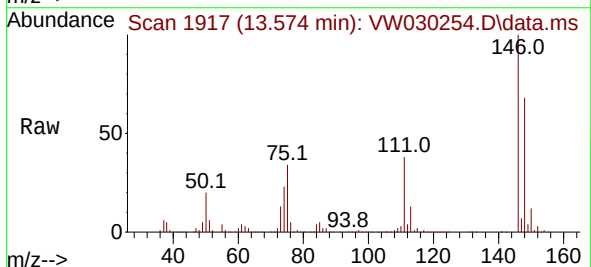
Tgt Ion:146 Resp: 568392

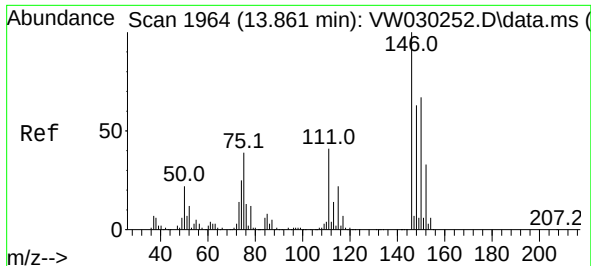
Ion Ratio Lower Upper

146 100

111 38.2 29.0 53.8

148 67.5 44.7 83.1





#67

1,2-Dichlorobenzene

Concen: 94.979 ug/L

RT: 13.867 min Scan# 1964

Delta R.T. 0.006 min

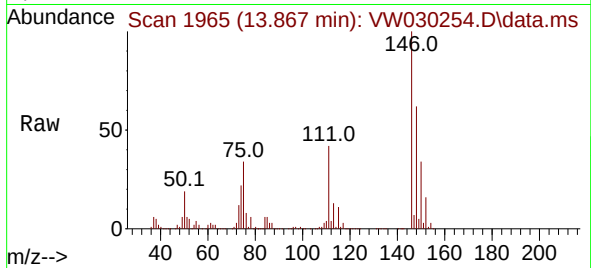
Lab File: VW030254.D

Acq: 26 Sep 2024 12:18

Instrument :

MSVOA_W

ClientSampleId :



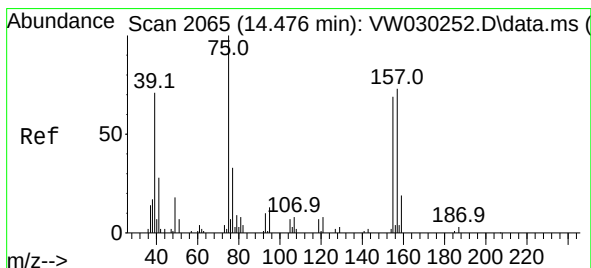
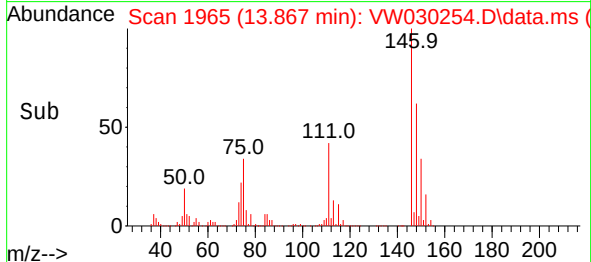
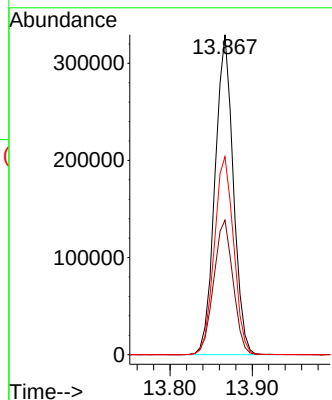
Tgt Ion:146 Resp: 509048

Ion Ratio Lower Upper

146 100

111 42.1 32.9 49.3

148 61.9 50.2 75.2



#68

1,2-Dibromo-3-chloropropane

Concen: 99.543 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. 0.000 min

Lab File: VW030254.D

Acq: 26 Sep 2024 12:18

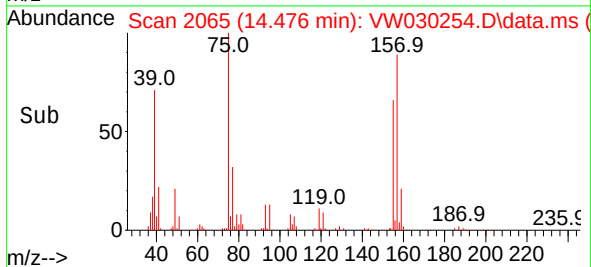
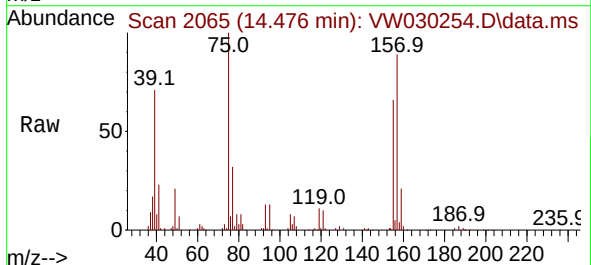
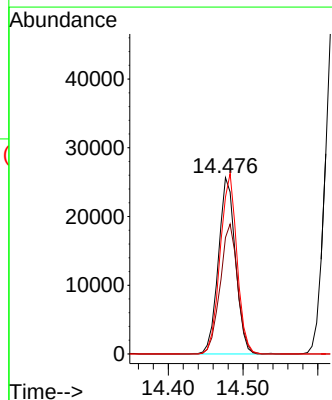
Tgt Ion: 75 Resp: 40790

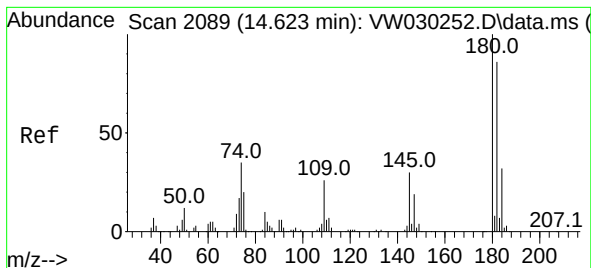
Ion Ratio Lower Upper

75 100

155 66.1 55.4 83.2

157 89.0 58.3 87.5#





#69

1,3,5-Trichlorobenzene

Concen: 95.731 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

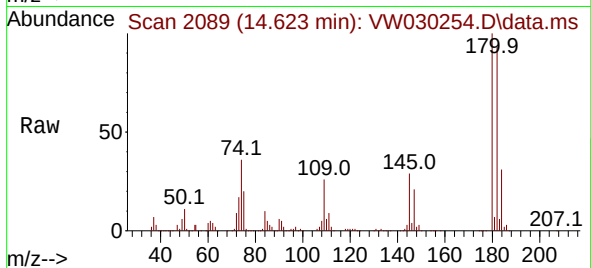
Lab File: VW030254.D

Acq: 26 Sep 2024 12:18

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 384658

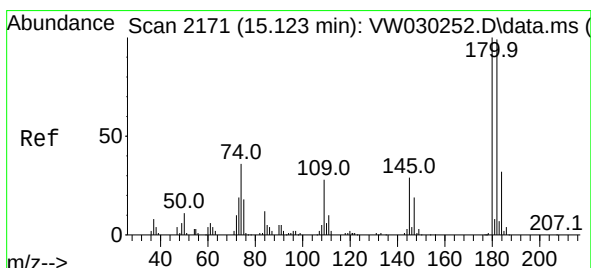
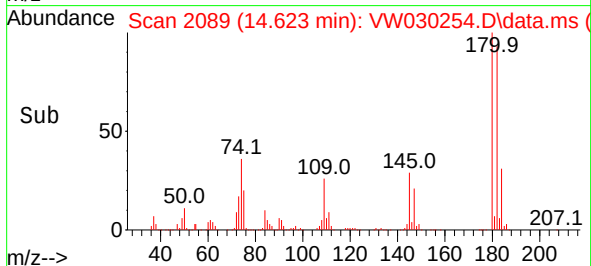
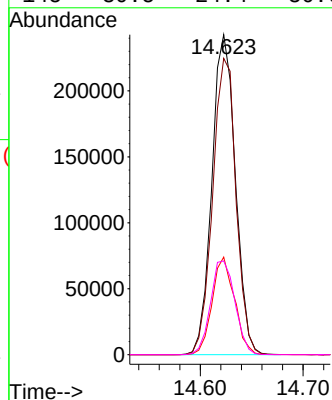
Ion Ratio Lower Upper

180 100

182 92.3 71.8 107.8

184 29.1 23.7 35.5

145 30.5 24.4 36.6



#70

1,2,4-trichlorobenzene

Concen: 101.746 ug/L

RT: 15.123 min Scan# 2171

Delta R.T. 0.000 min

Lab File: VW030254.D

Acq: 26 Sep 2024 12:18

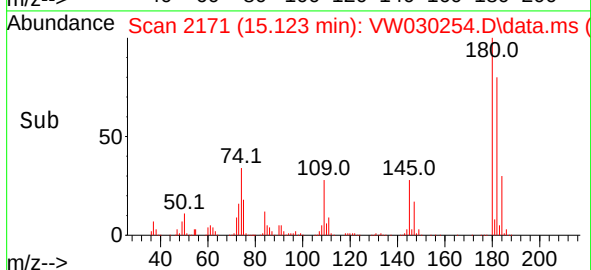
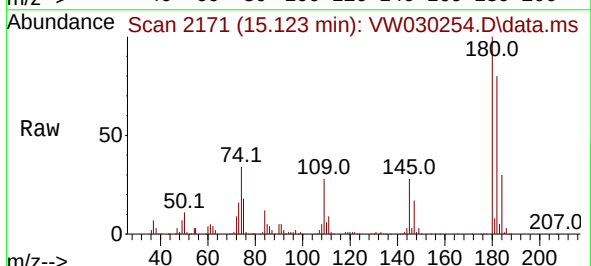
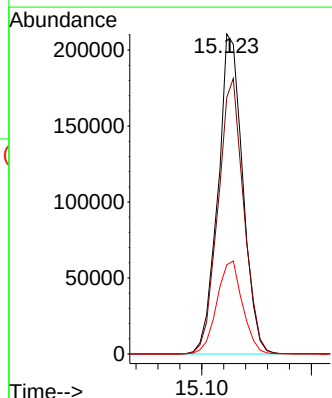
Tgt Ion:180 Resp: 331060

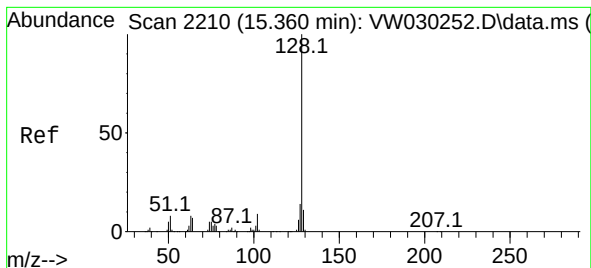
Ion Ratio Lower Upper

180 100

182 88.8 74.6 112.0

145 30.1 24.2 36.2





#71

Naphthalene

Concen: 113.906 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. 0.000 min

Lab File: VW030254.D

Acq: 26 Sep 2024 12:18

Instrument :

MSVOA_W

ClientSampleId :

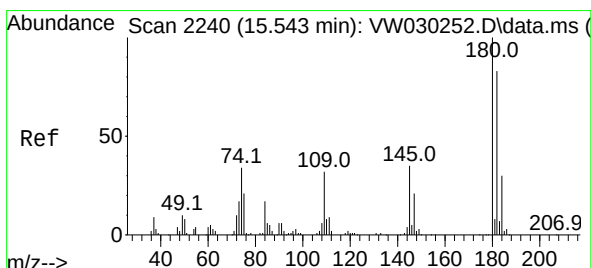
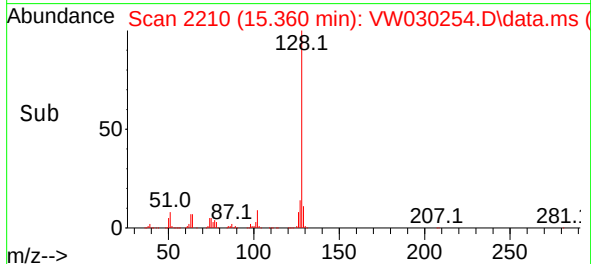
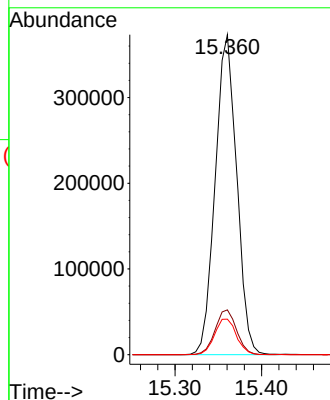
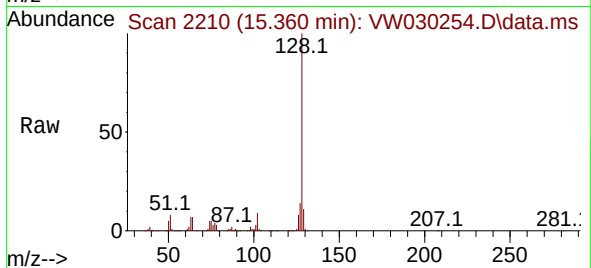
Tgt Ion:128 Resp: 643295

Ion Ratio Lower Upper

128 100

127 14.0 11.0 16.6

129 11.4 9.0 13.4



#72

1,2,3-Trichlorobenzene

Concen: 101.563 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. 0.006 min

Lab File: VW030254.D

Acq: 26 Sep 2024 12:18

Tgt Ion:180 Resp: 288187

Ion Ratio Lower Upper

180 100

182 90.9 73.4 110.2

145 32.5 27.5 41.3

