

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100924\
 Data File : VW030473.D
 Acq On : 09 Oct 2024 14:36
 Operator : SY/MD
 Sample : VSTD025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 10 01:05:04 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Oct 10 01:03:35 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	352820	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	321831	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	160372	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	122552	22.098	ug/L	0.00
7) Chloroethane-d5	2.899	69	100508	23.942	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.021	65	51368	22.270	ug/L	0.00
21) 2-Butanone-d5	7.081	46	44618	44.646	ug/L	0.00
24) Chloroform-d	7.654	84	243163	24.100	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	127256	24.254	ug/L	0.00
32) Benzene-d6	8.276	84	455103	24.364	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.276	67	134048	24.450	ug/L	0.00
41) Toluene-d8	10.325	98	438546	25.718	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.581	79	57311	24.964	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	35218	49.874	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	98995	24.587	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.848	152	136445	25.145	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.015	85	115630	25.651	ug/L	100
3) Chloromethane	2.222	50	123227	23.520	ug/L	100
5) Vinyl chloride	2.375	62	155571	24.146	ug/L	100
6) Bromomethane	2.796	94	102489	24.168	ug/L	100
8) Chloroethane	2.942	64	95307	24.198	ug/L	100
9) Trichlorofluoromethane	3.271	101	142285	24.681	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.082	101	128371	26.480	ug/L	100
12) 1,1-Dichloroethene	4.045	96	118379	25.008	ug/L	100
13) Acetone	4.118	43	81852	56.993	ug/L	100
14) Carbon disulfide	4.393	76	384293	24.861	ug/L	100
15) Methyl Acetate	4.673	43	44149	24.129	ug/L	100
16) Methylene chloride	4.923	84	121255	22.733	ug/L	100
17) trans-1,2-Dichloroethene	5.429	96	127549	24.971	ug/L	100
18) Methyl tert-butyl Ether	5.429	73	177256	24.795	ug/L	100
19) 1,1-Dichloroethane	6.222	63	233145	24.559	ug/L	100
20) cis-1,2-Dichloroethene	7.173	96	134879	24.757	ug/L	100
22) 2-Butanone	7.173	43	83111	55.734	ug/L	100
23) Bromochloromethane	7.514	128	57721	24.218	ug/L	100
25) Chloroform	7.679	83	246722	24.320	ug/L	100
27) 1,2-Dichloroethane	8.398	62	162675	24.306	ug/L	100
29) Cyclohexane	7.959	56	203599	25.989	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	207625	24.303	ug/L	100
31) Carbon tetrachloride	8.075	117	188600	24.717	ug/L	100
33) Benzene	8.325	78	530271	25.319	ug/L	100
34) Trichloroethene	9.093	95	143642	24.653	ug/L	100
35) Methylcyclohexane	9.331	83	237802	25.934	ug/L	100
37) 1,2-Dichloropropane	9.368	63	130010	24.819	ug/L	100
38) Bromodichloromethane	9.642	83	170678	24.525	ug/L	100
39) cis-1,3-Dichloropropene	10.075	75	201145	25.494	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	125801	50.063	ug/L	100
42) Toluene	10.386	91	582230	26.058	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	167659	25.288	ug/L	100

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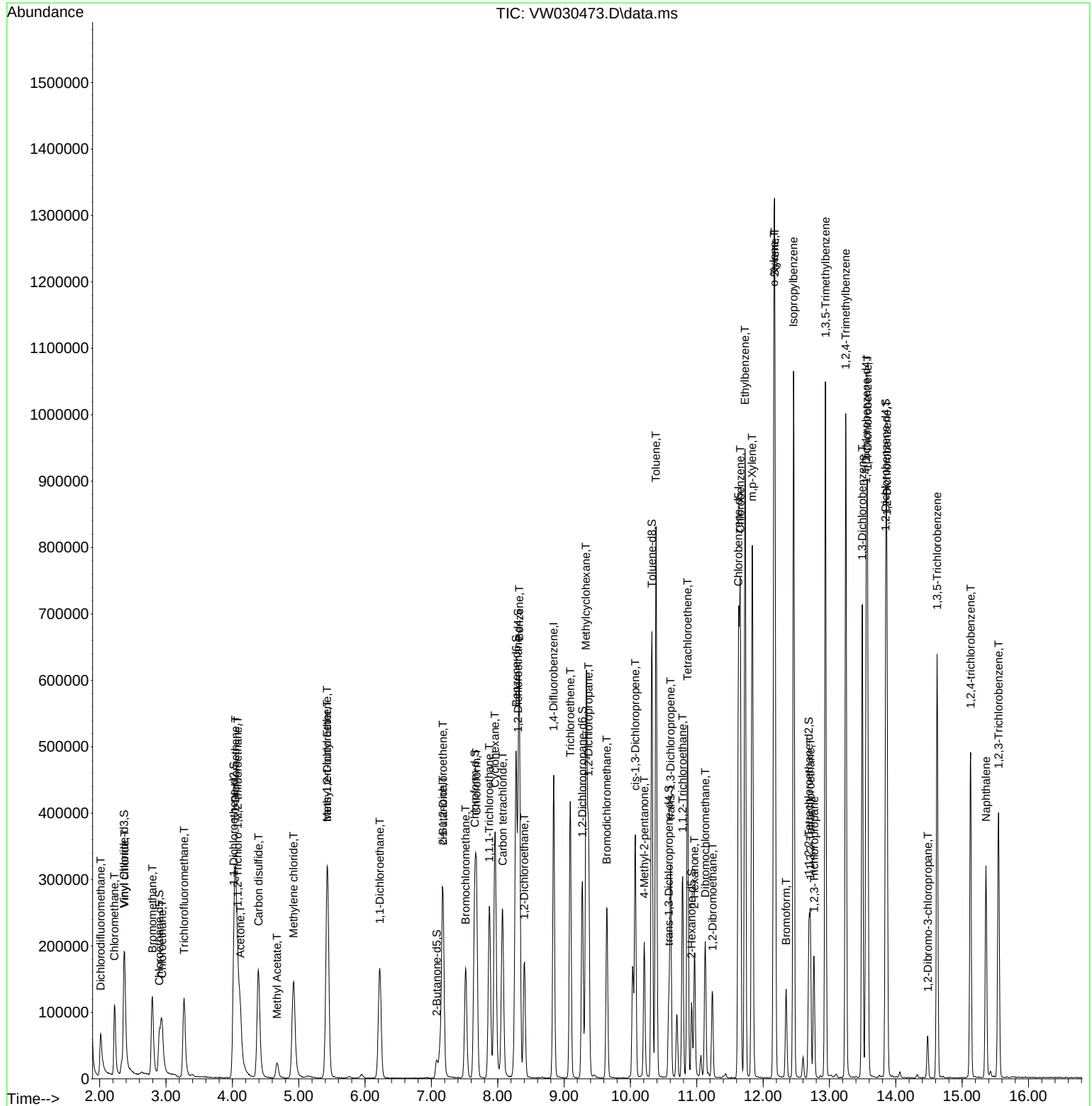
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.788	97	92038	24.346	ug/L	100
46) Tetrachloroethene	10.861	164	109584	25.500	ug/L	100
48) 2-Hexanone	10.965	43	115189	56.054	ug/L	100
49) Dibromochloromethane	11.129	129	102689	24.345	ug/L	100
50) 1,2-Dibromoethane	11.239	107	86448	24.507	ug/L	100
51) Chlorobenzene	11.654	112	352054	24.477	ug/L	100
52) Ethylbenzene	11.727	91	655300	25.703	ug/L	100
53) m,p-Xylene	11.837	106	245080	25.659	ug/L	100
54) o-Xylene	12.166	106	230548	26.108	ug/L	100
55) Styrene	12.178	104	397482	26.330	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.714	83	105279	24.695	ug/L	100
59) Bromoform	12.349	173	56135	24.914	ug/L	100
60) Isopropylbenzene	12.458	105	646775	26.042	ug/L	100
61) 1,2,3-Trichloropropane	12.769	75	73734	23.628	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	517348	26.404	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	509990	26.584	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	259583	24.012	ug/L	100
65) 1,4-Dichlorobenzene	13.574	146	279487	25.039	ug/L	100
67) 1,2-Dichlorobenzene	13.867	146	237610	24.978	ug/L	100
68) 1,2-Dibromo-3-chloropr...	14.482	75	15994	22.979	ug/L	100
69) 1,3,5-Trichlorobenzene	14.623	180	174469	24.474	ug/L	100
70) 1,2,4-trichlorobenzene	15.129	180	144639	25.204	ug/L	100
71) Naphthalene	15.360	128	249283	25.142	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	125553	25.236	ug/L	100

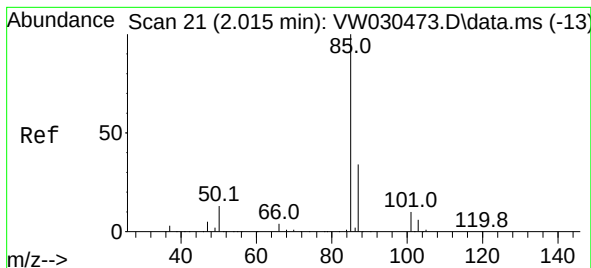
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#2

Dichlorodifluoromethane

Concen: 25.651 ug/L

RT: 2.015 min Scan# 21

Delta R.T. 0.000 min

Lab File: VW030473.D

Acq: 09 Oct 2024 14:36

Instrument :

MSVOA_W

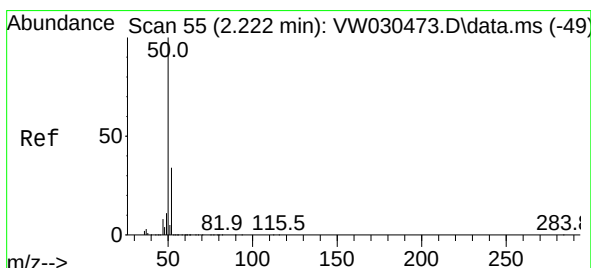
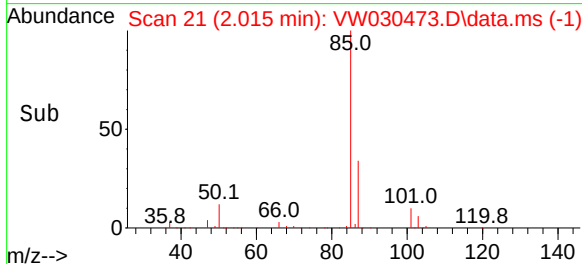
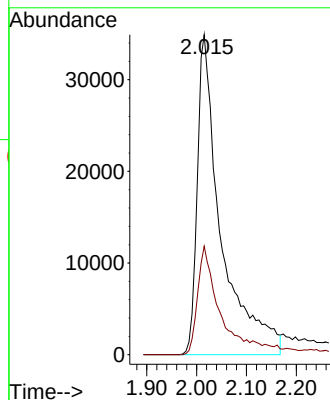
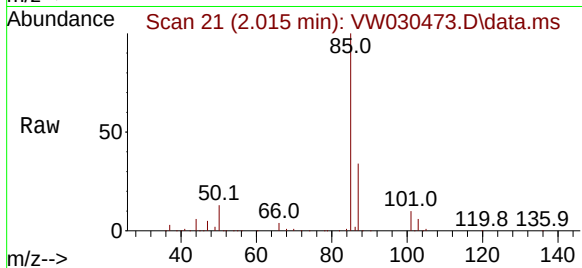
ClientSampleId :

Tgt Ion: 85 Resp: 115630

Ion Ratio Lower Upper

85 100

87 29.7 23.8 35.6



#3

Chloromethane

Concen: 23.520 ug/L

RT: 2.222 min Scan# 55

Delta R.T. 0.000 min

Lab File: VW030473.D

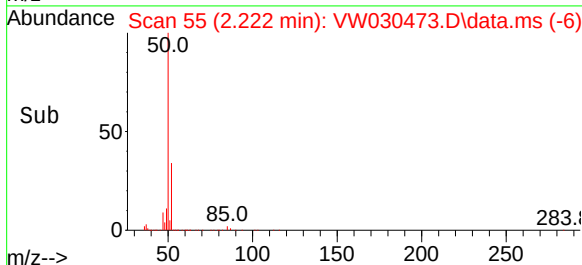
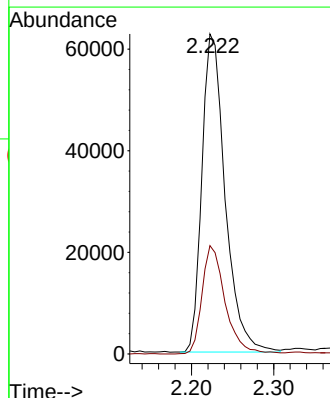
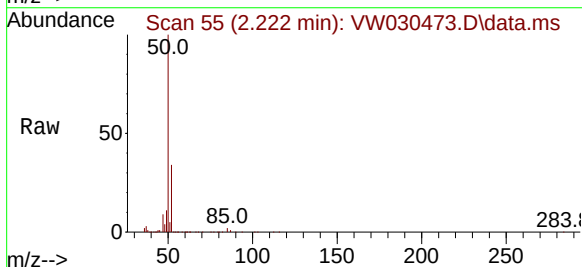
Acq: 09 Oct 2024 14:36

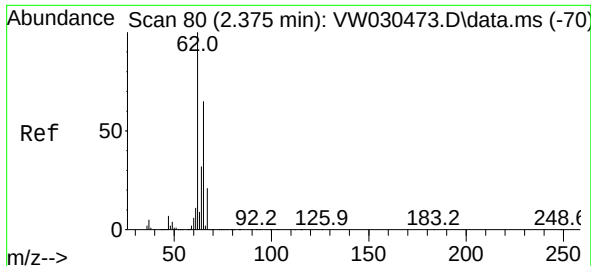
Tgt Ion: 50 Resp: 123227

Ion Ratio Lower Upper

50 100

52 33.8 23.7 43.9

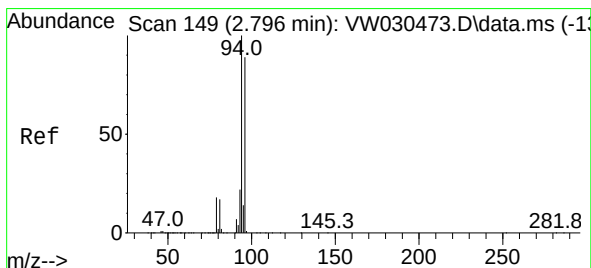
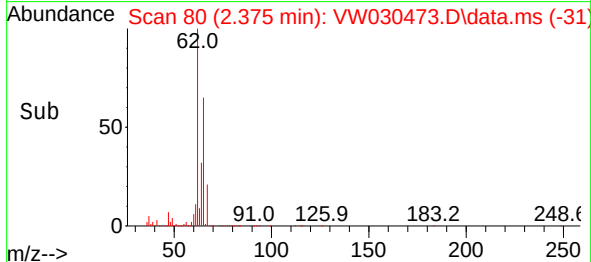
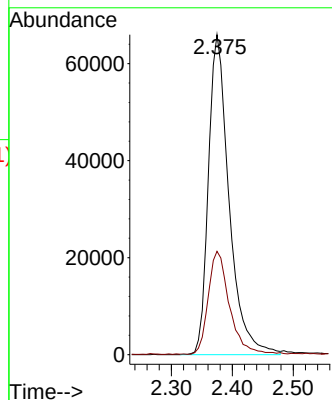
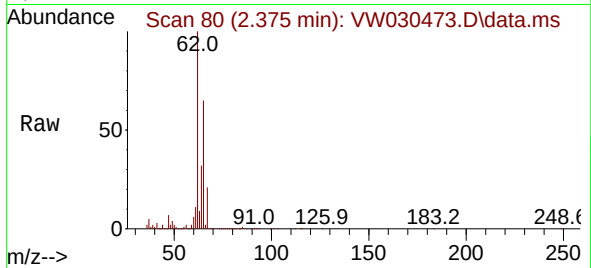




#5
 Vinyl chloride
 Concen: 24.146 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VW030473.D
 Acq: 09 Oct 2024 14:36

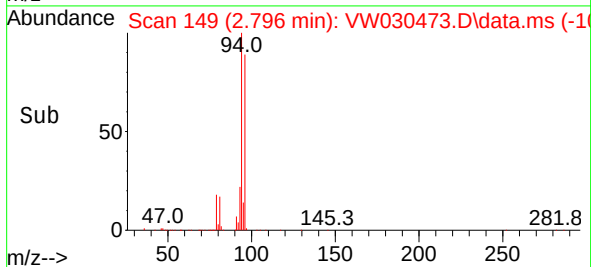
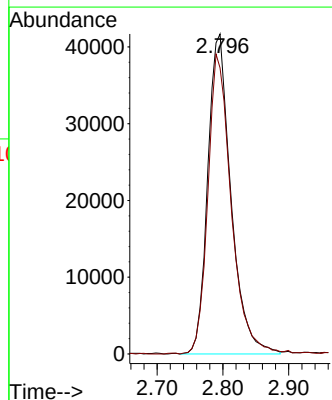
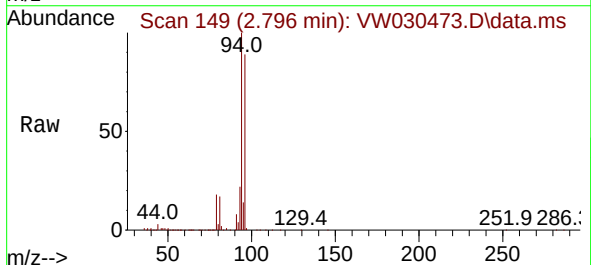
Instrument :
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 ClientSampleId :

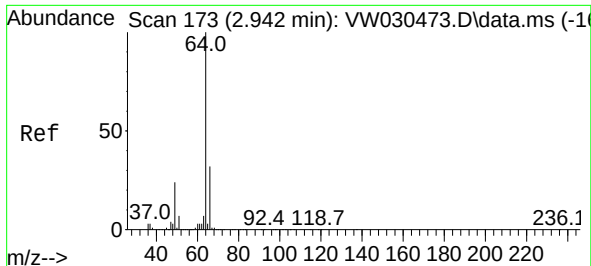
Tgt Ion: 62 Resp: 155571
 Ion Ratio Lower Upper
 62 100
 64 32.3 22.6 42.0



#6
 Bromomethane
 Concen: 24.168 ug/L
 RT: 2.796 min Scan# 149
 Delta R.T. 0.000 min
 Lab File: VW030473.D
 Acq: 09 Oct 2024 14:36

Tgt Ion: 94 Resp: 102489
 Ion Ratio Lower Upper
 94 100
 96 89.4 62.6 116.2

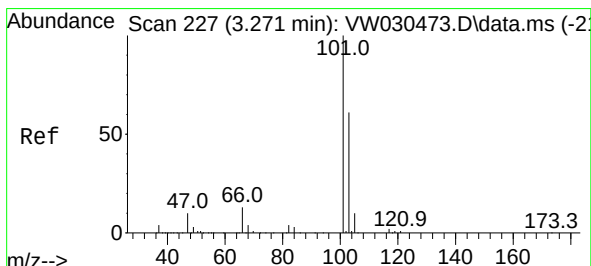
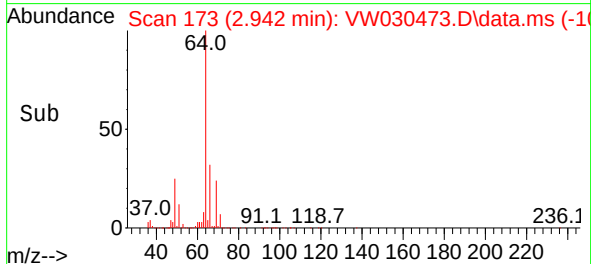
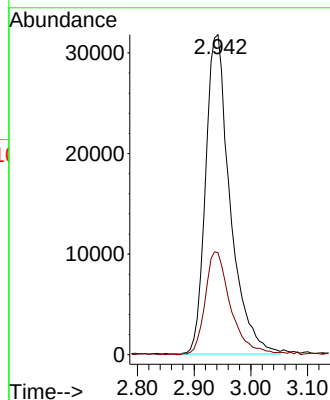
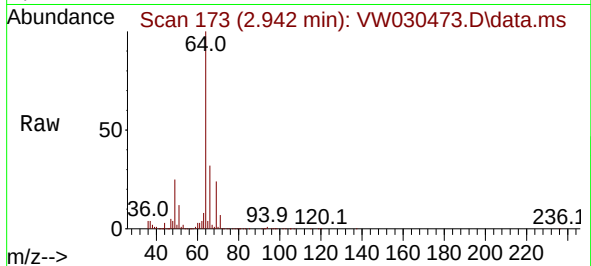




#8
Chloroethane
Concen: 24.198 ug/L
RT: 2.942 min Scan# 173
Delta R.T. 0.000 min
Lab File: VW030473.D
Acq: 09 Oct 2024 14:36

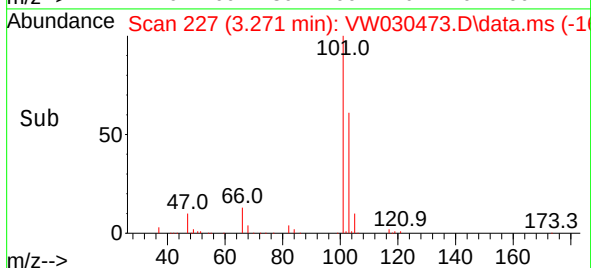
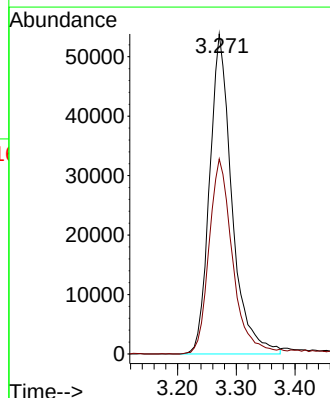
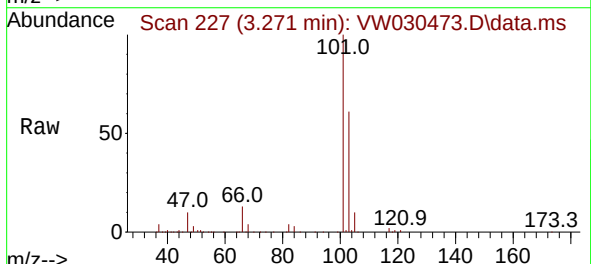
Instrument :
MSVOA_W
ClientSampleId :

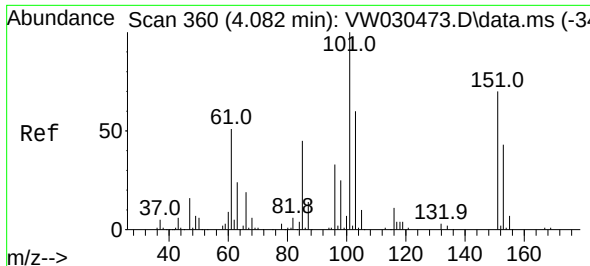
Tgt Ion: 64 Resp: 95307
Ion Ratio Lower Upper
64 100
66 31.9 22.3 41.5



#9
Trichlorofluoromethane
Concen: 24.681 ug/L
RT: 3.271 min Scan# 227
Delta R.T. 0.000 min
Lab File: VW030473.D
Acq: 09 Oct 2024 14:36

Tgt Ion:101 Resp: 142285
Ion Ratio Lower Upper
101 100
103 63.9 51.1 76.7





#10

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

Concen: 26.480 ug/L

RT: 4.082 min Scan# 3

Delta R.T. 0.000 min

Lab File: VW030473.D

Acq: 09 Oct 2024 14:36

Instrument :

MSVOA_W

ClientSampleId :

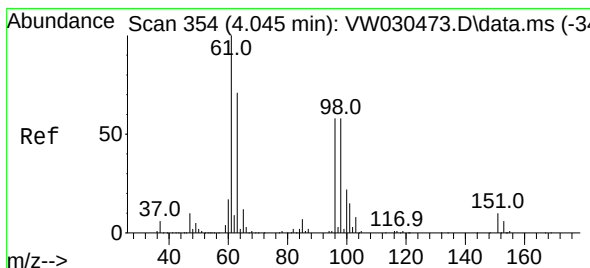
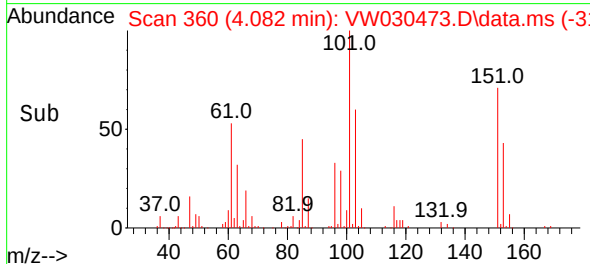
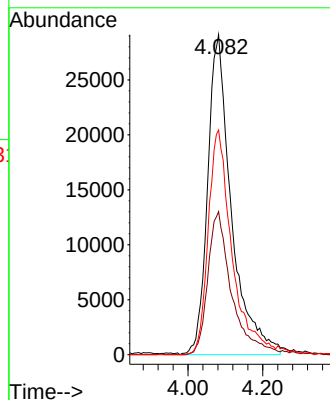
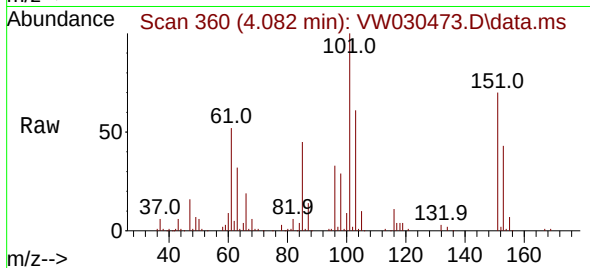
Tgt Ion:101 Resp: 128371

Ion Ratio Lower Upper

101 100

85 44.6 35.7 53.5

151 70.1 56.1 84.1



#12

1,1-Dichloroethene

Concen: 25.008 ug/L

RT: 4.045 min Scan# 354

Delta R.T. 0.000 min

Lab File: VW030473.D

Acq: 09 Oct 2024 14:36

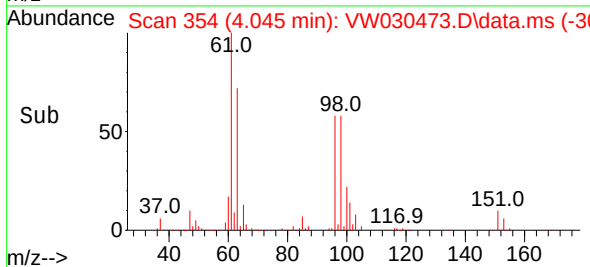
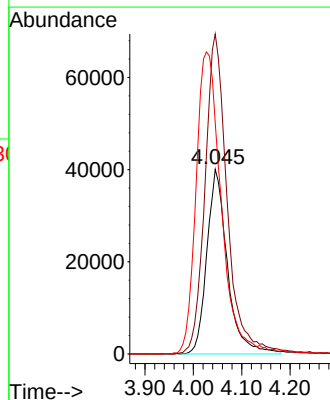
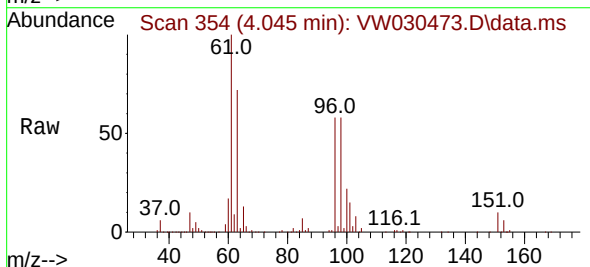
Tgt Ion: 96 Resp: 118379

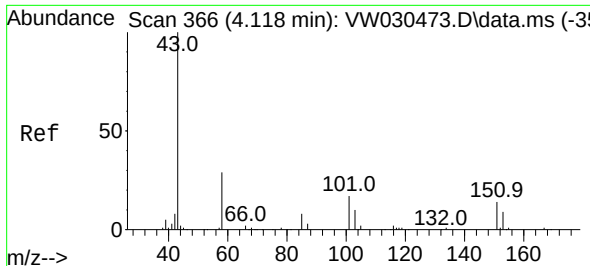
Ion Ratio Lower Upper

96 100

61 173.3 121.3 225.3

63 125.2 87.6 162.8

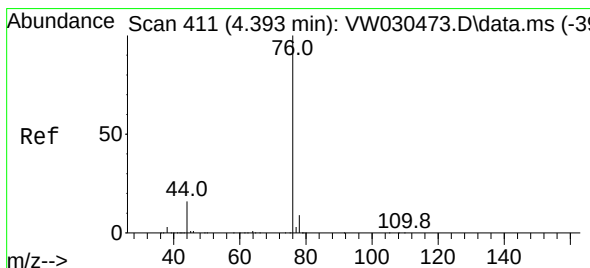
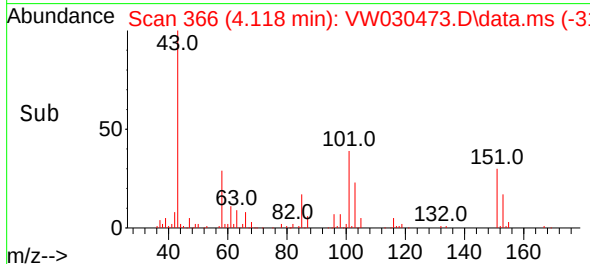
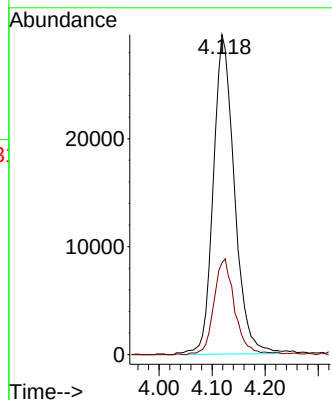
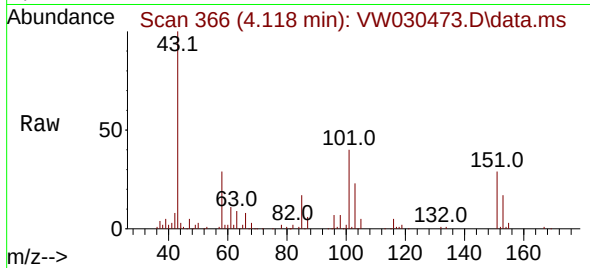




#13
Acetone
Concen: 56.993 ug/L
RT: 4.118 min Scan# 366
Delta R.T. 0.000 min
Lab File: VW030473.D
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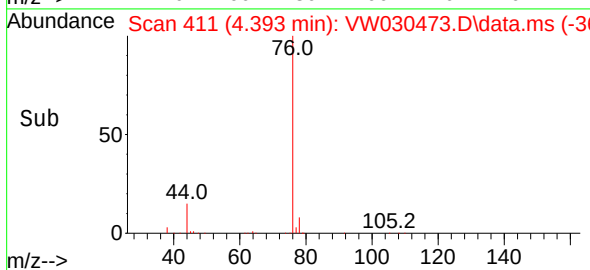
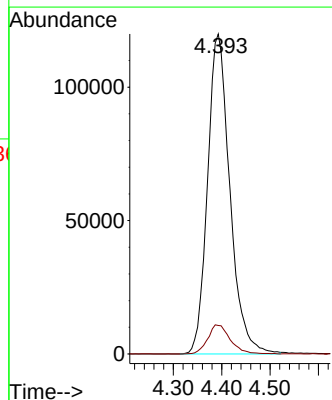
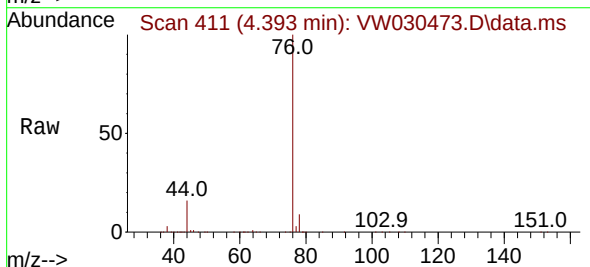
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ClientSampleId :

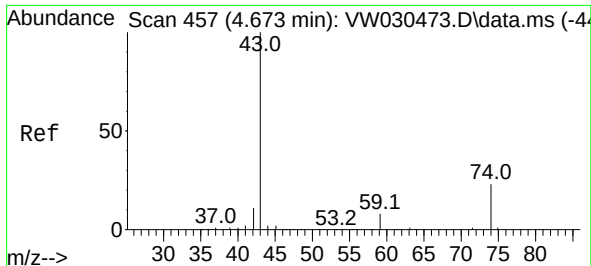
Tgt Ion: 43 Resp: 81852
Ion Ratio Lower Upper
43 100
58 28.9 0.0 57.6



#14
Carbon disulfide
Concen: 24.861 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.000 min
Lab File: VW030473.D
Acq: 09 Oct 2024 14:36

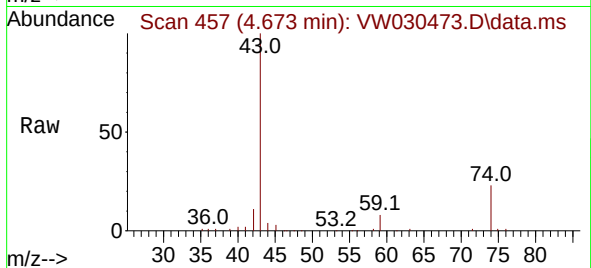
Tgt Ion: 76 Resp: 384293
Ion Ratio Lower Upper
76 100
78 8.9 7.1 10.7



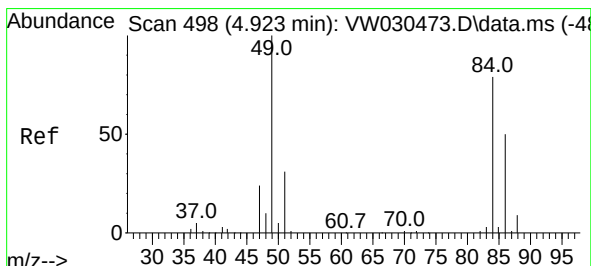
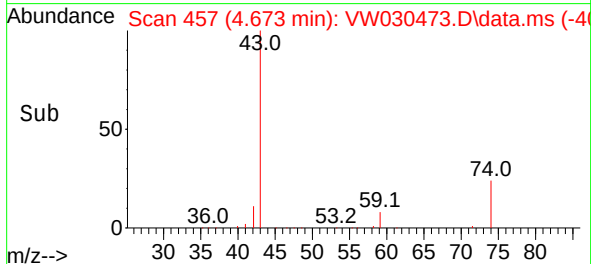
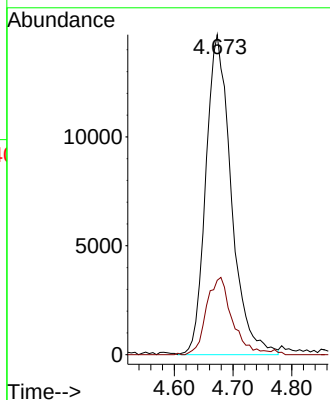


#15
Methyl Acetate
Concen: 24.129 ug/L
RT: 4.673 min Scan# 415
Delta R.T. 0.000 min
Lab File: VW030473.D
Acq: 09 Oct 2024 14:36

Instrument :
MSVOA_W
ClientSampleId :

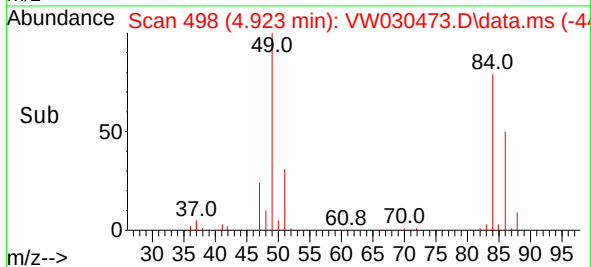
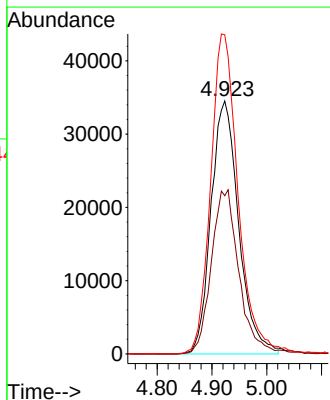
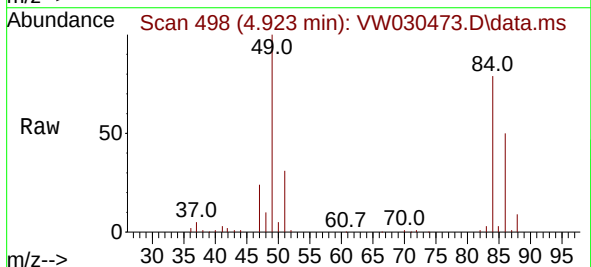


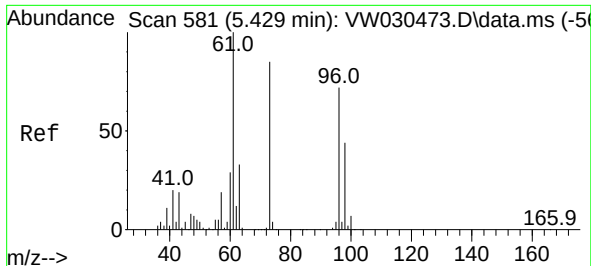
Tgt Ion: 43 Resp: 44149
Ion Ratio Lower Upper
43 100
74 24.1 19.3 28.9



#16
Methylene chloride
Concen: 22.733 ug/L
RT: 4.923 min Scan# 498
Delta R.T. 0.000 min
Lab File: VW030473.D
Acq: 09 Oct 2024 14:36

Tgt Ion: 84 Resp: 121255
Ion Ratio Lower Upper
84 100
86 62.5 43.8 81.3
49 126.2 88.3 164.1





#17

trans-1,2-Dichloroethene

Concen: 24.971 ug/L

RT: 5.429 min Scan# 581

Delta R.T. 0.000 min

Lab File: VW030473.D

Acq: 09 Oct 2024 14:36

Instrument :

MSVOA_W

ClientSampleId :

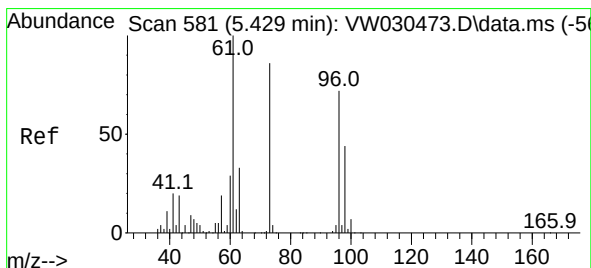
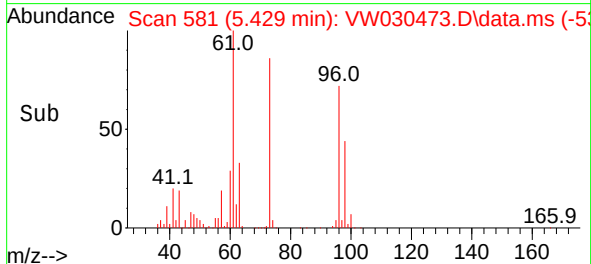
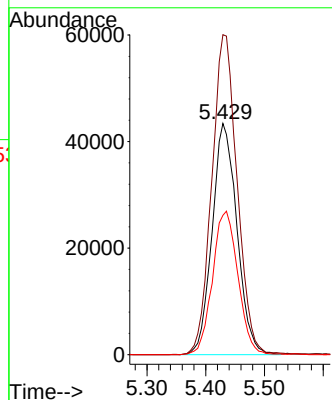
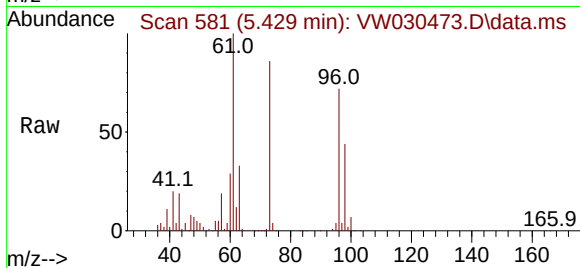
Tgt Ion: 96 Resp: 127549

Ion Ratio Lower Upper

96 100

61 138.4 96.9 179.9

98 60.3 42.2 78.4



#18

Methyl tert-butyl Ether

Concen: 24.795 ug/L

RT: 5.429 min Scan# 581

Delta R.T. 0.000 min

Lab File: VW030473.D

Acq: 09 Oct 2024 14:36

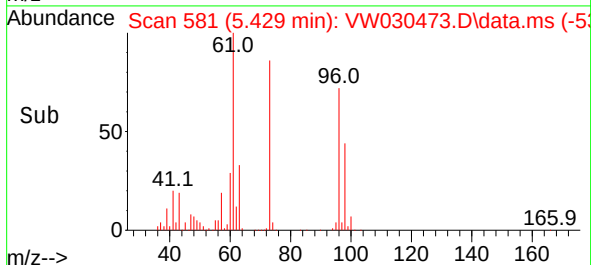
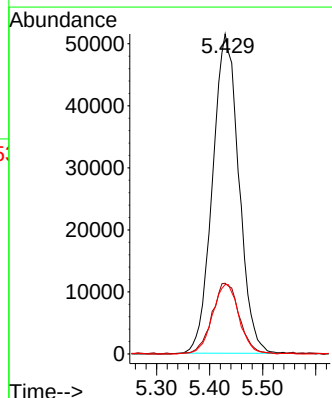
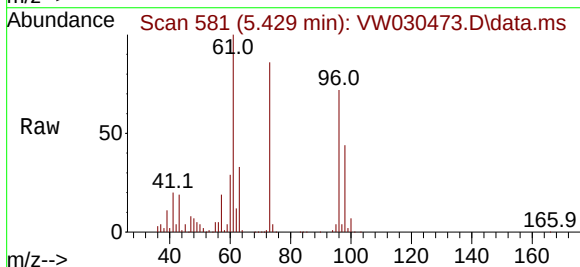
Tgt Ion: 73 Resp: 177256

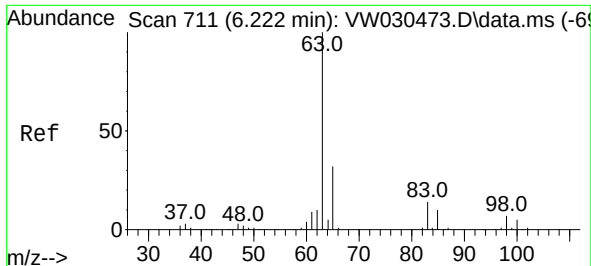
Ion Ratio Lower Upper

73 100

43 22.6 18.1 27.1

57 22.1 17.7 26.5





#19

1,1-Dichloroethane

Concen: 24.559 ug/L

RT: 6.222 min Scan# 711

Delta R.T. 0.000 min

Lab File: VW030473.D

Acq: 09 Oct 2024 14:36

Instrument :

MSVOA_W

ClientSampleId :

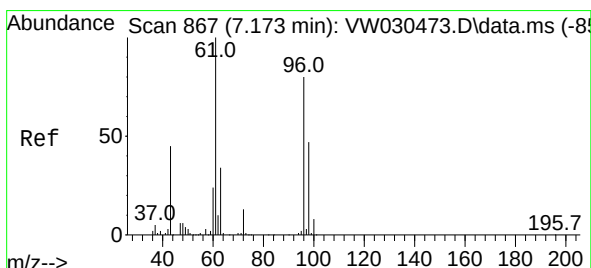
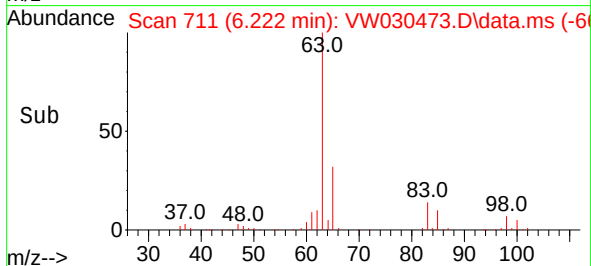
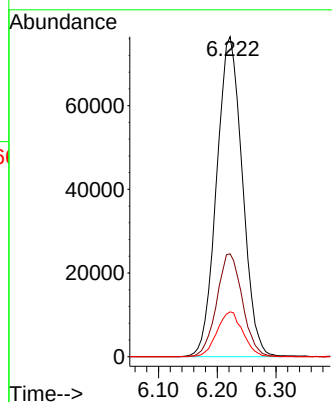
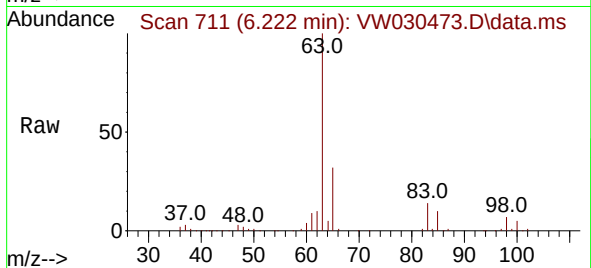
Tgt Ion: 63 Resp: 233145

Ion Ratio Lower Upper

63 100

65 32.2 22.5 41.9

83 14.0 9.8 18.2



#20

cis-1,2-Dichloroethene

Concen: 24.757 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.000 min

Lab File: VW030473.D

Acq: 09 Oct 2024 14:36

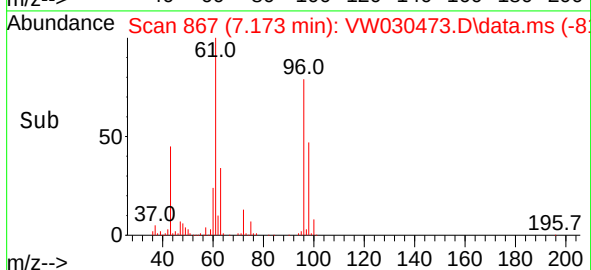
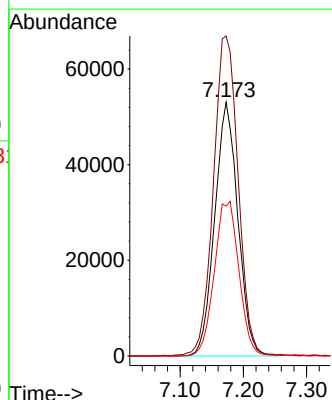
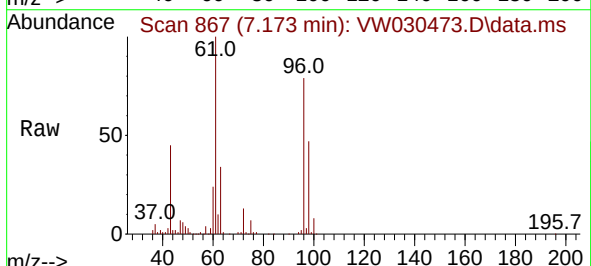
Tgt Ion: 96 Resp: 134879

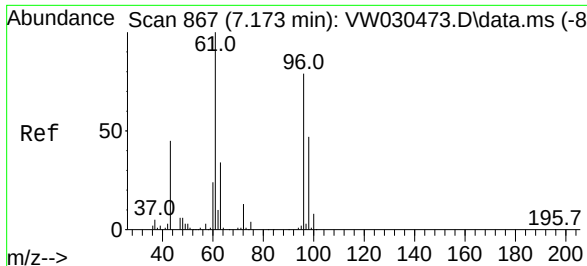
Ion Ratio Lower Upper

96 100

61 126.1 88.3 163.9

98 59.0 41.3 76.7





#22

2-Butanone

Concen: 55.734 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.000 min

Lab File: VW030473.D

Acq: 09 Oct 2024 14:36

Instrument :

MSVOA_W

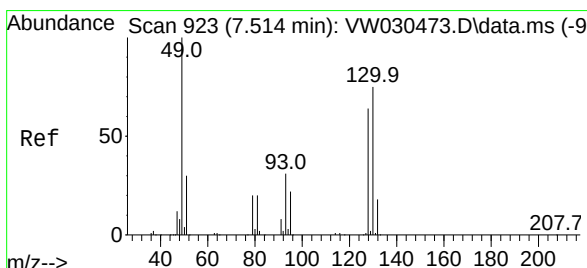
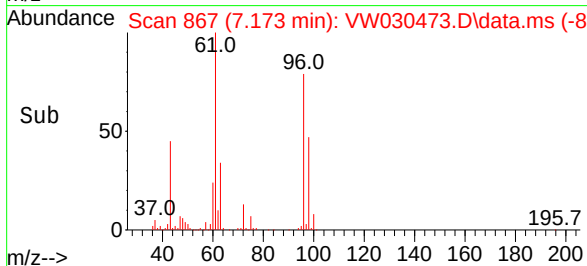
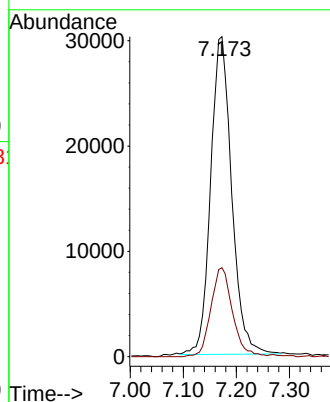
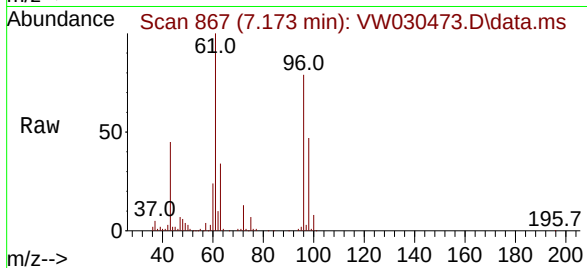
ClientSampleId :

Tgt Ion: 43 Resp: 83111

Ion Ratio Lower Upper

43 100

72 28.7 14.4 43.0



#23

Bromochloromethane

Concen: 24.218 ug/L

RT: 7.514 min Scan# 923

Delta R.T. 0.000 min

Lab File: VW030473.D

Acq: 09 Oct 2024 14:36

Tgt Ion: 128 Resp: 57721

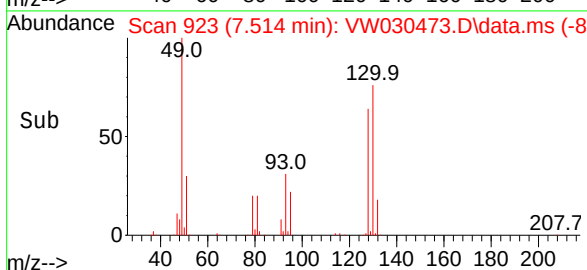
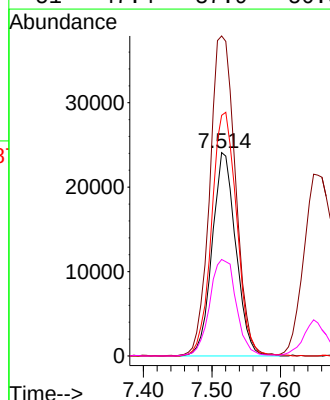
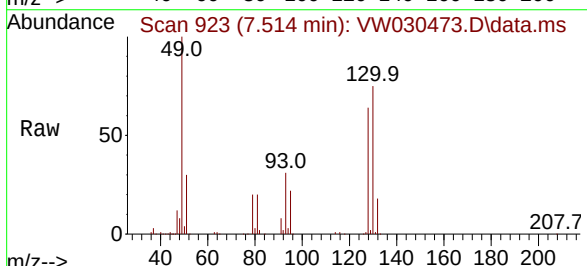
Ion Ratio Lower Upper

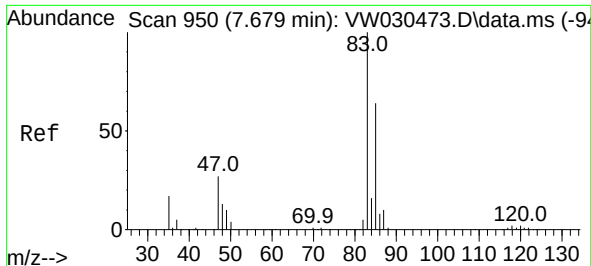
128 100

49 157.3 110.1 204.5

130 118.4 82.9 153.9

51 47.4 37.9 56.9





#25

Chloroform

Concen: 24.320 ug/L

RT: 7.679 min Scan# 950

Delta R.T. 0.000 min

Lab File: VW030473.D

Acq: 09 Oct 2024 14:36

Instrument :

MSVOA_W

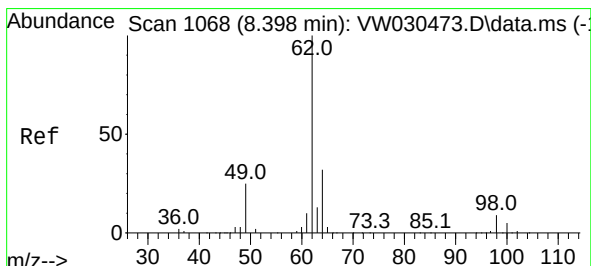
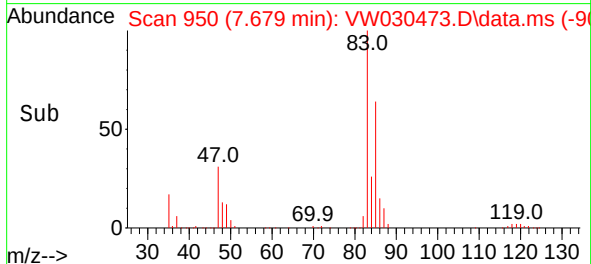
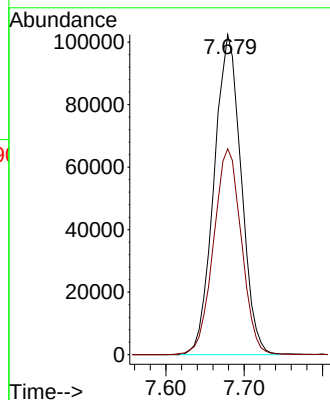
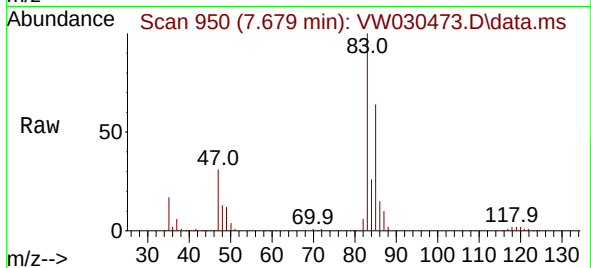
ClientSampleId :

Tgt Ion: 83 Resp: 246722

Ion Ratio Lower Upper

83 100

85 64.4 45.1 83.7



#27

1,2-Dichloroethane

Concen: 24.306 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. 0.000 min

Lab File: VW030473.D

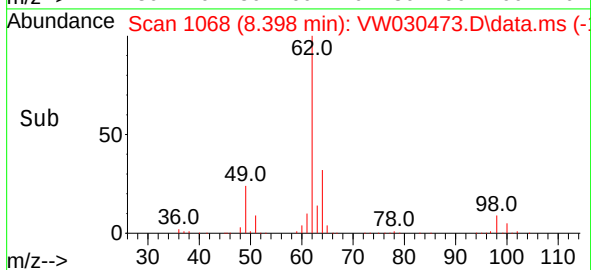
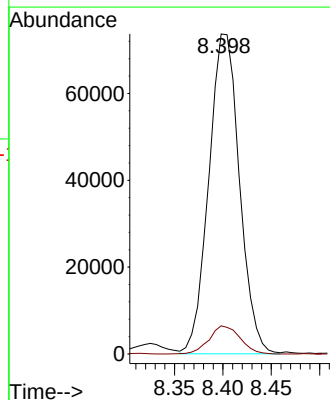
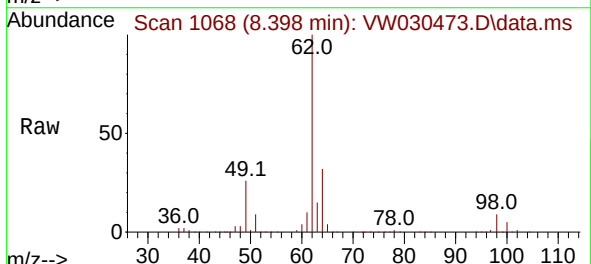
Acq: 09 Oct 2024 14:36

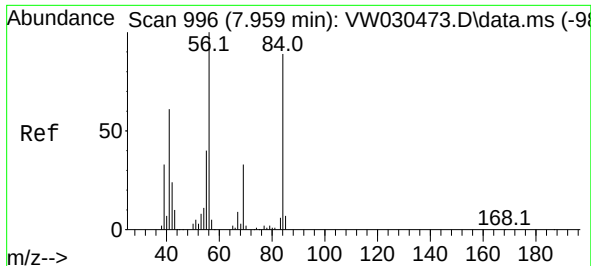
Tgt Ion: 62 Resp: 162675

Ion Ratio Lower Upper

62 100

98 8.8 7.0 10.6





#29

Cyclohexane

Concen: 25.989 ug/L

RT: 7.959 min Scan# 996

Delta R.T. 0.000 min

Lab File: VW030473.D

Acq: 09 Oct 2024 14:36

Instrument :

MSVOA_W

ClientSampleId :

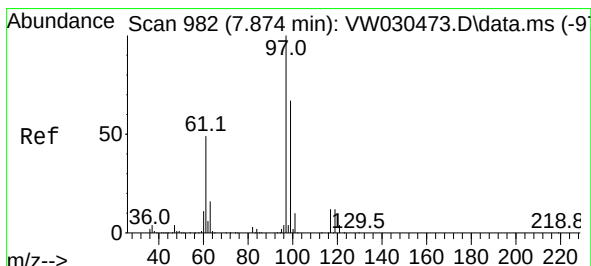
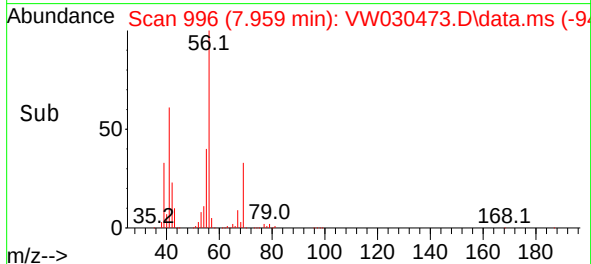
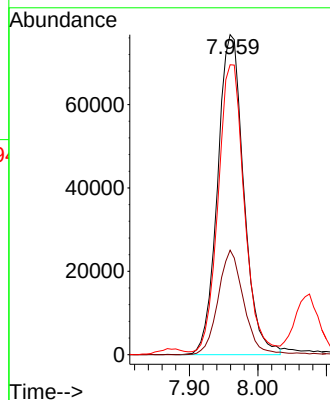
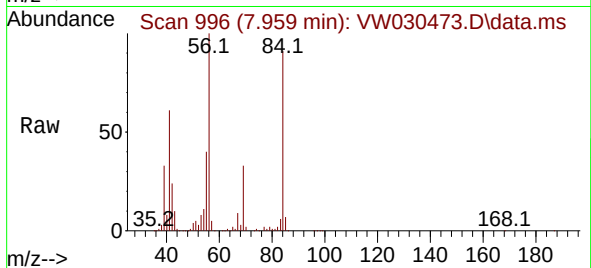
Tgt Ion: 56 Resp: 203599

Ion Ratio Lower Upper

56 100

69 31.7 25.4 38.0

84 90.4 72.3 108.5



#30

1,1,1-Trichloroethane

Concen: 24.303 ug/L

RT: 7.874 min Scan# 982

Delta R.T. 0.000 min

Lab File: VW030473.D

Acq: 09 Oct 2024 14:36

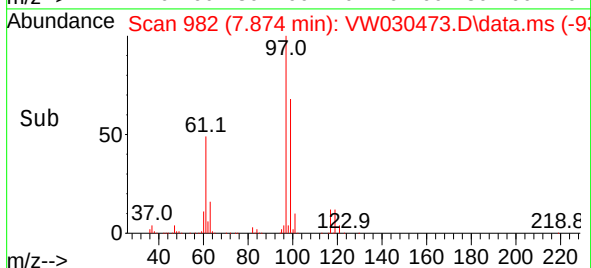
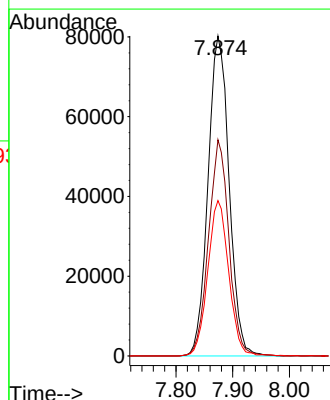
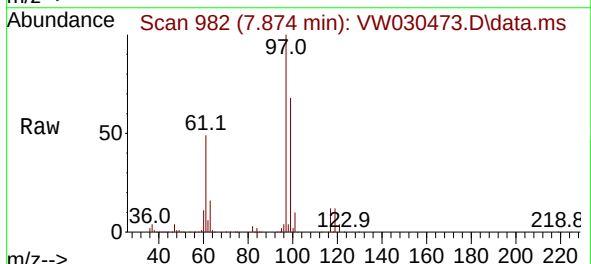
Tgt Ion: 97 Resp: 207625

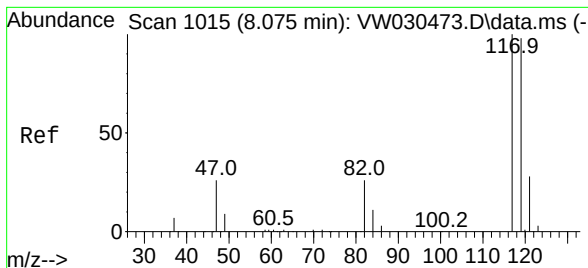
Ion Ratio Lower Upper

97 100

99 65.4 52.3 78.5

61 48.1 38.5 57.7





#31

Carbon tetrachloride

Concen: 24.717 ug/L

RT: 8.075 min Scan# 1015

Delta R.T. 0.000 min

Lab File: VW030473.D

Acq: 09 Oct 2024 14:36

Instrument :

MSVOA_W

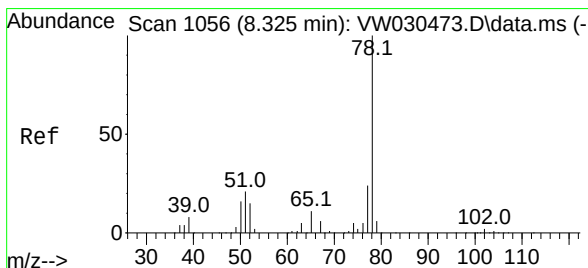
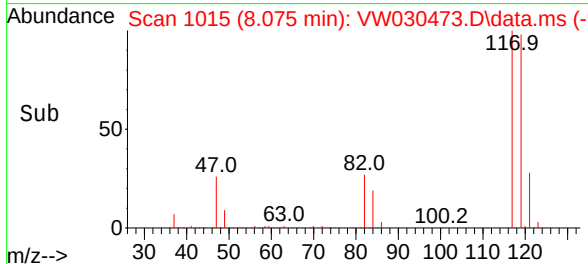
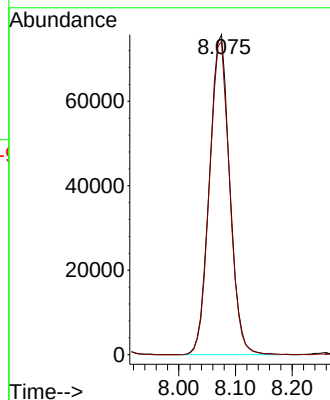
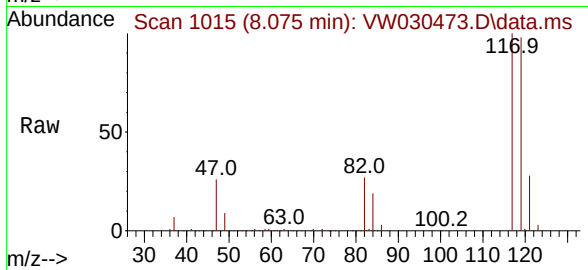
ClientSampleId :

Tgt Ion:117 Resp: 188600

Ion Ratio Lower Upper

117 100

119 97.3 77.8 116.8



#33

Benzene

Concen: 25.319 ug/L

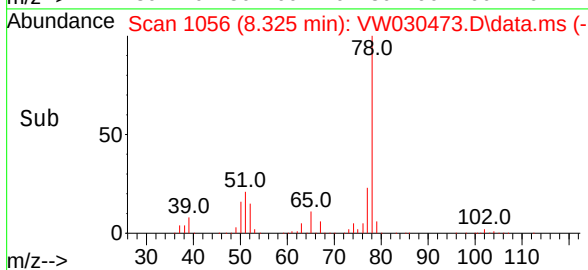
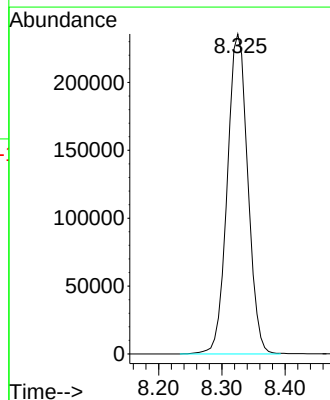
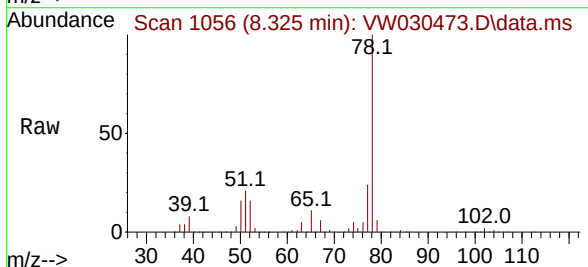
RT: 8.325 min Scan# 1056

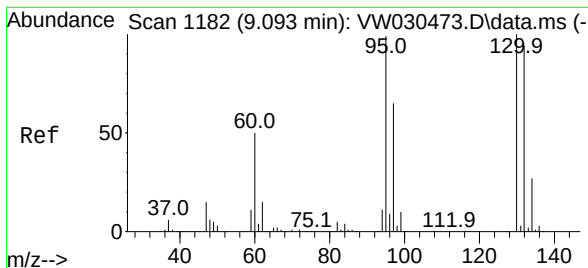
Delta R.T. 0.000 min

Lab File: VW030473.D

Acq: 09 Oct 2024 14:36

Tgt Ion: 78 Resp: 530271





#34

Trichloroethene

Concen: 24.653 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.000 min

Lab File: VW030473.D

Acq: 09 Oct 2024 14:36

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 143642

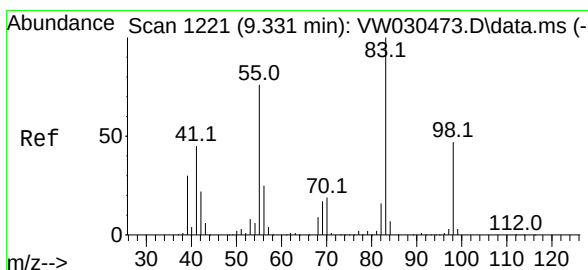
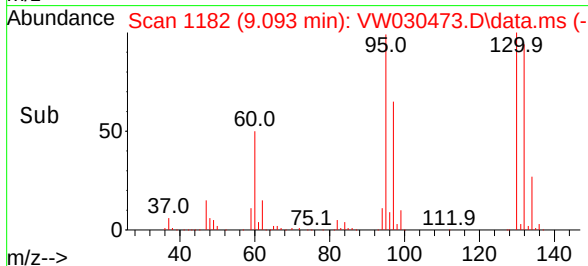
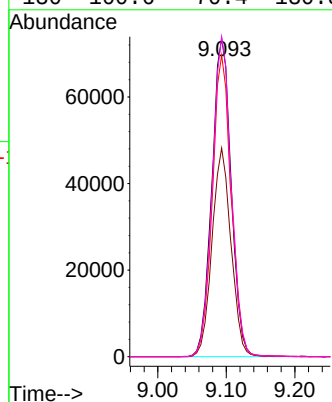
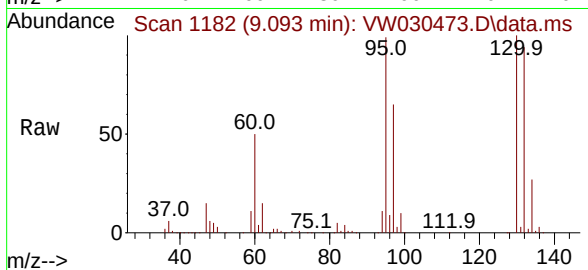
Ion Ratio Lower Upper

95 100

97 65.6 45.9 85.3

132 94.8 66.4 123.2

130 100.6 70.4 130.8



#35

Methylcyclohexane

Concen: 25.934 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. 0.000 min

Lab File: VW030473.D

Acq: 09 Oct 2024 14:36

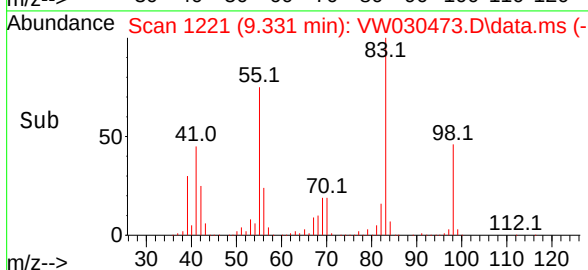
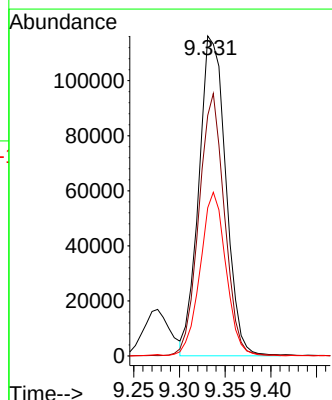
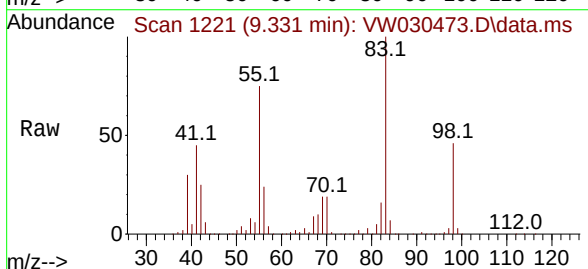
Tgt Ion: 83 Resp: 237802

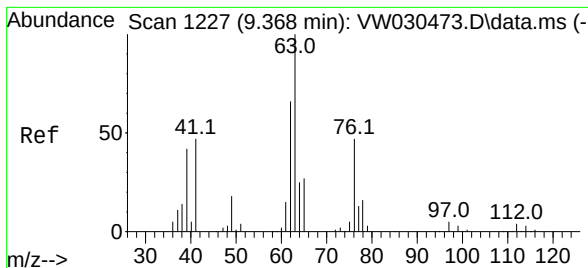
Ion Ratio Lower Upper

83 100

55 77.3 61.8 92.8

98 49.1 39.3 58.9





#37

1,2-Dichloropropane

Concen: 24.819 ug/L

RT: 9.368 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VW030473.D

Acq: 09 Oct 2024 14:36

Instrument :

MSVOA_W

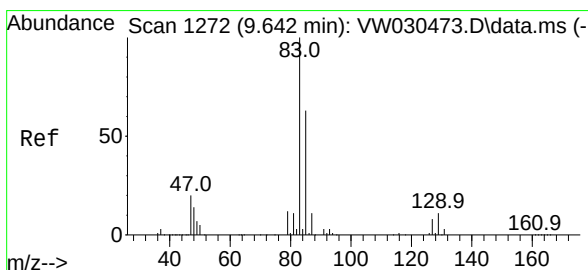
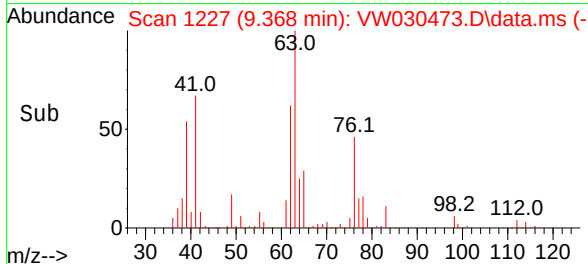
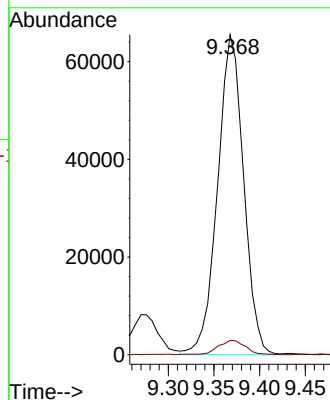
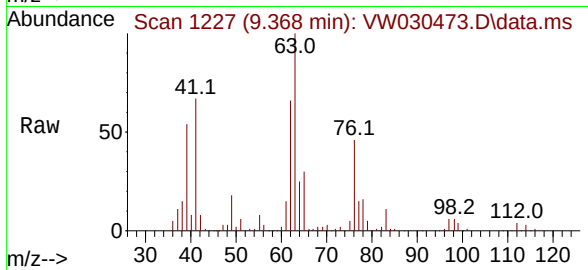
ClientSampleId :

Tgt Ion: 63 Resp: 130010

Ion Ratio Lower Upper

63 100

112 4.6 3.7 5.5



#38

Bromodichloromethane

Concen: 24.525 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW030473.D

Acq: 09 Oct 2024 14:36

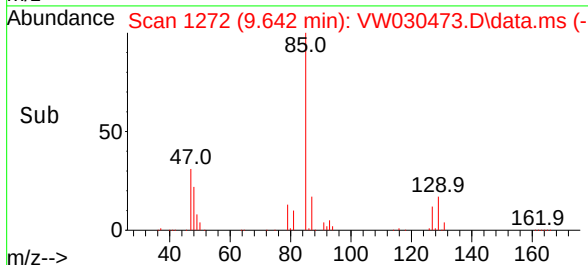
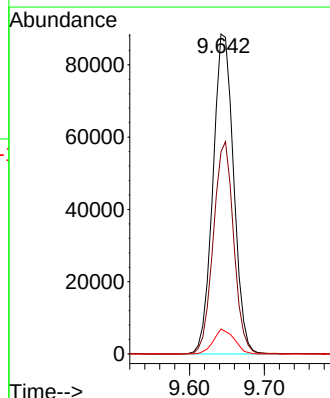
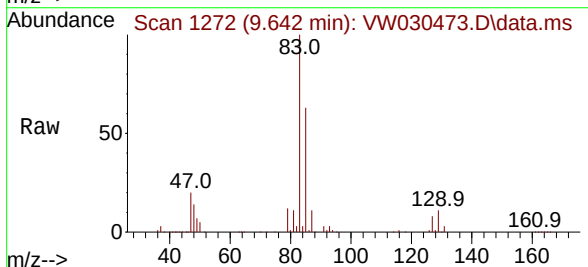
Tgt Ion: 83 Resp: 170678

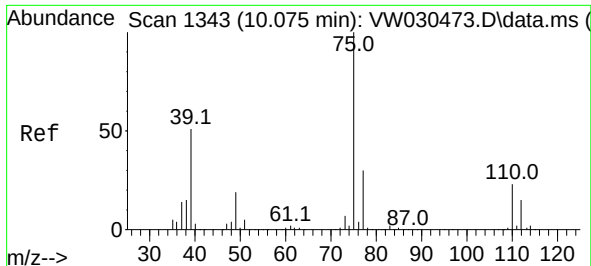
Ion Ratio Lower Upper

83 100

85 63.1 44.2 82.0

127 7.8 6.2 9.4





#39

cis-1,3-Dichloropropene

Concen: 25.494 ug/L

RT: 10.075 min Scan# 1343

Delta R.T. 0.000 min

Lab File: VW030473.D

Acq: 09 Oct 2024 14:36

Instrument :

MSVOA_W

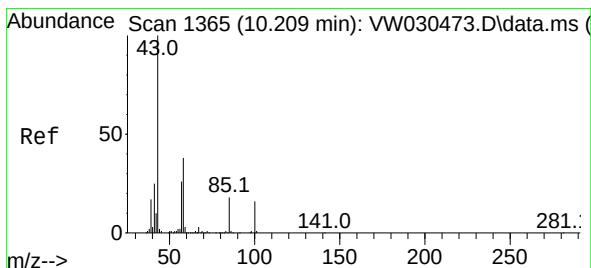
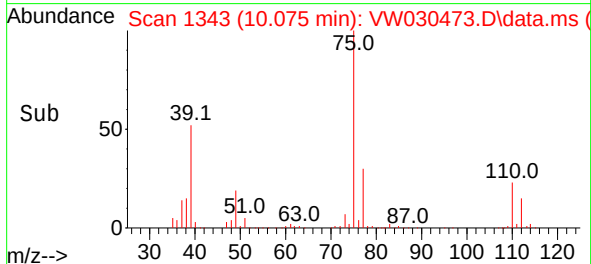
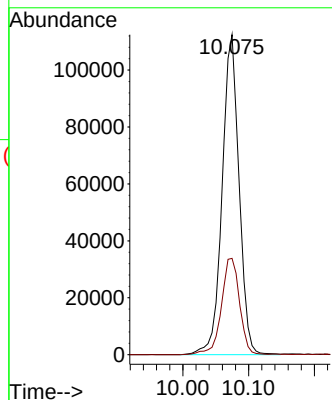
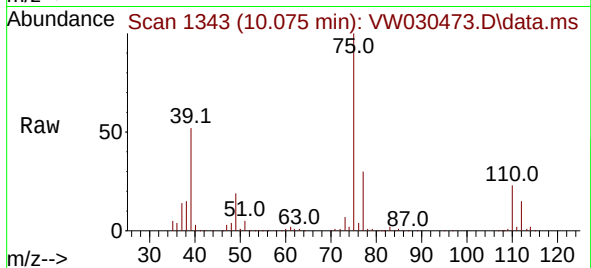
ClientSampleId :

Tgt Ion: 75 Resp: 201145

Ion Ratio Lower Upper

75 100

77 30.1 21.1 39.1



#40

4-Methyl-2-pentanone

Concen: 50.063 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW030473.D

Acq: 09 Oct 2024 14:36

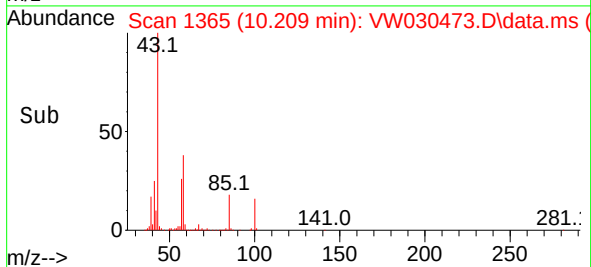
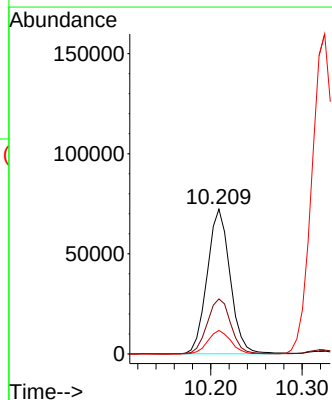
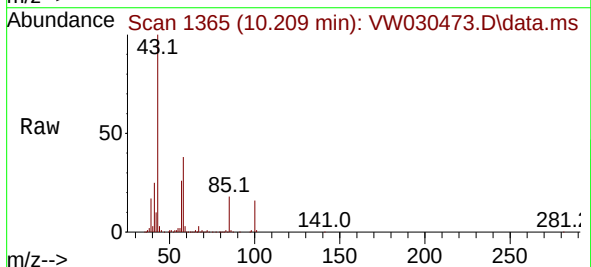
Tgt Ion: 43 Resp: 125801

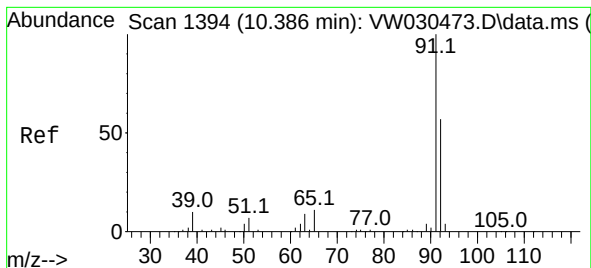
Ion Ratio Lower Upper

43 100

58 39.3 31.4 47.2

100 16.4 13.1 19.7





#42

Toluene

Concen: 26.058 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. 0.000 min

Lab File: VW030473.D

Acq: 09 Oct 2024 14:36

Instrument :

MSVOA_W

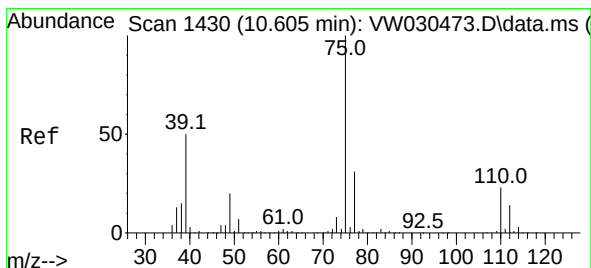
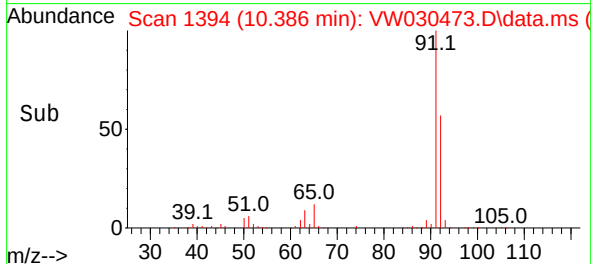
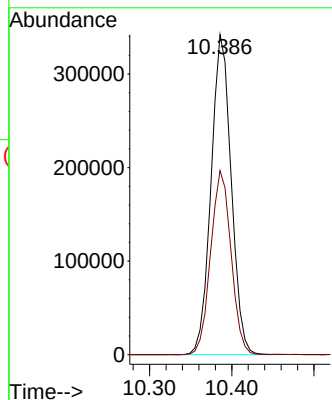
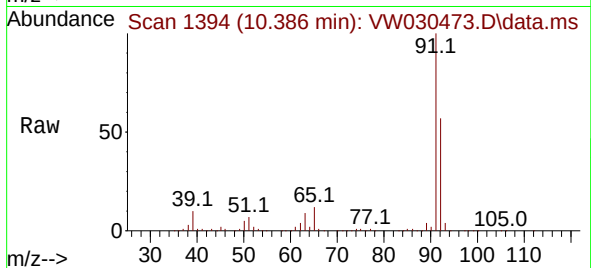
ClientSampleId :

Tgt Ion: 91 Resp: 582230

Ion Ratio Lower Upper

91 100

92 57.5 40.3 74.8



#44

trans-1,3-Dichloropropene

Concen: 25.288 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VW030473.D

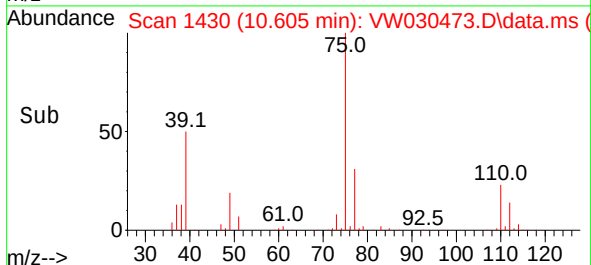
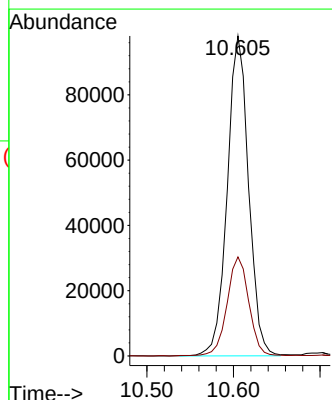
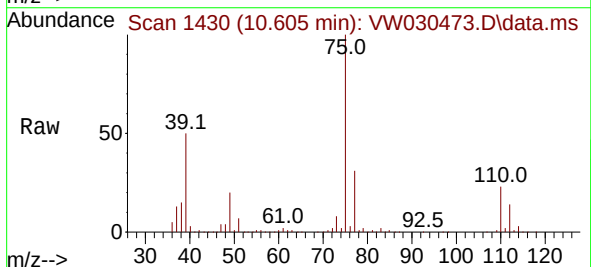
Acq: 09 Oct 2024 14:36

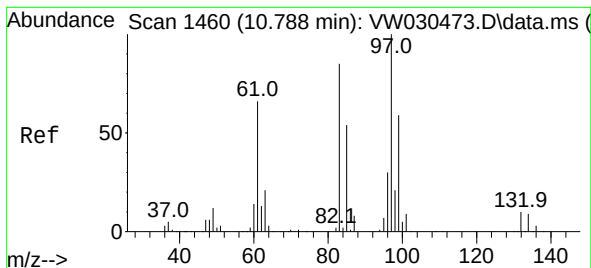
Tgt Ion: 75 Resp: 167659

Ion Ratio Lower Upper

75 100

77 30.9 21.6 40.2





#45

1,1,2-Trichloroethane

Concen: 24.346 ug/L

RT: 10.788 min Scan# 1460

Delta R.T. 0.000 min

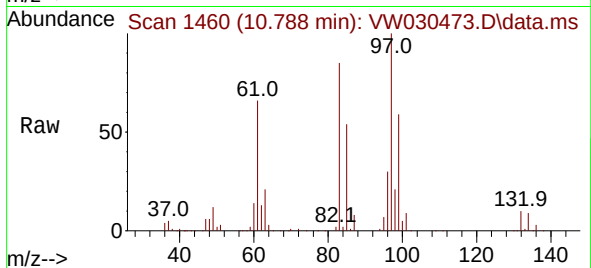
Lab File: VW030473.D

Acq: 09 Oct 2024 14:36

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 97 Resp: 92038

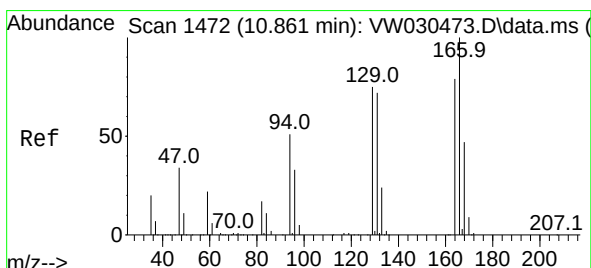
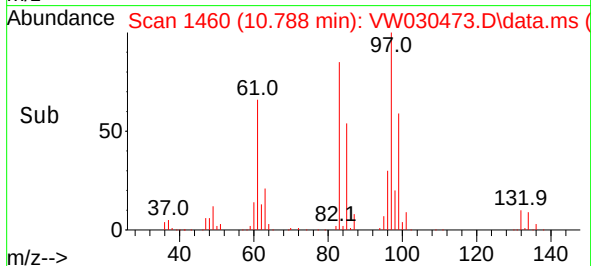
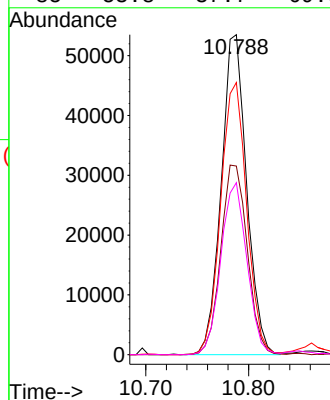
Ion Ratio Lower Upper

97 100

99 58.9 41.2 76.6

83 85.1 59.6 110.6

85 53.8 37.7 69.9



#46

Tetrachloroethene

Concen: 25.500 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VW030473.D

Acq: 09 Oct 2024 14:36

Tgt Ion: 164 Resp: 109584

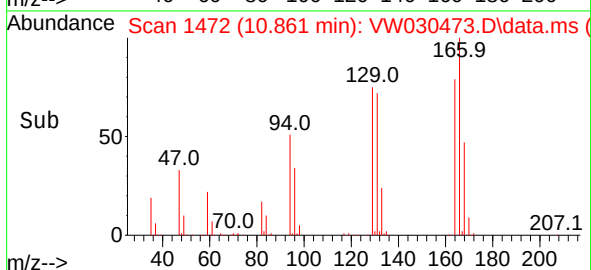
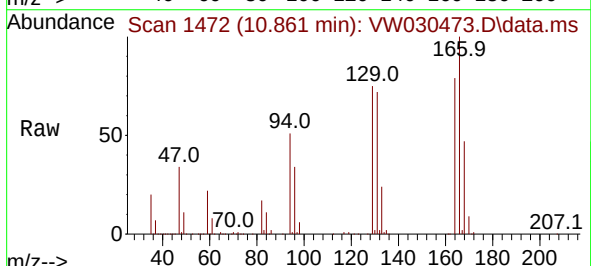
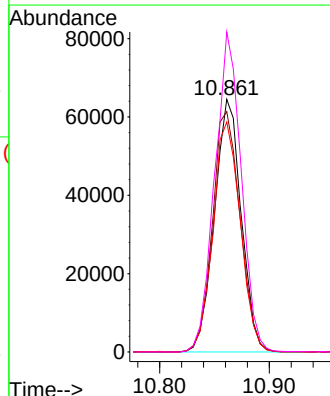
Ion Ratio Lower Upper

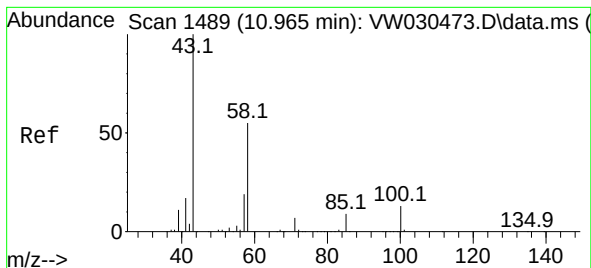
164 100

129 95.1 66.6 123.6

131 91.0 63.7 118.3

166 126.7 88.7 164.7

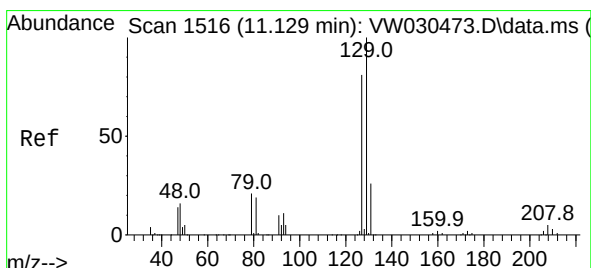
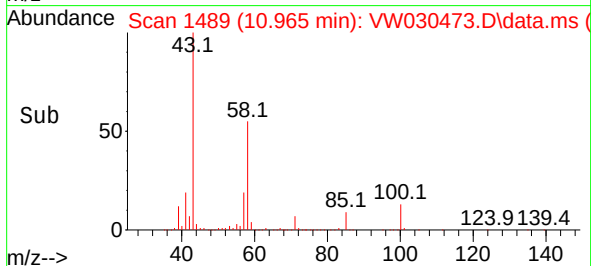
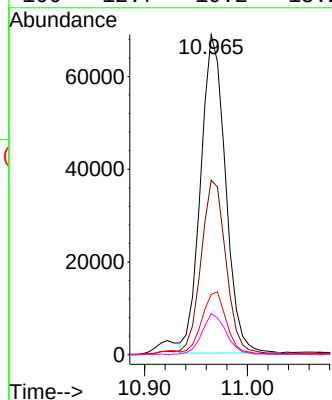
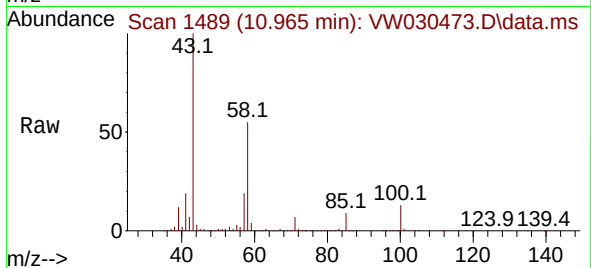




#48
2-Hexanone
Concen: 56.054 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW030473.D
Acq: 09 Oct 2024 14:36

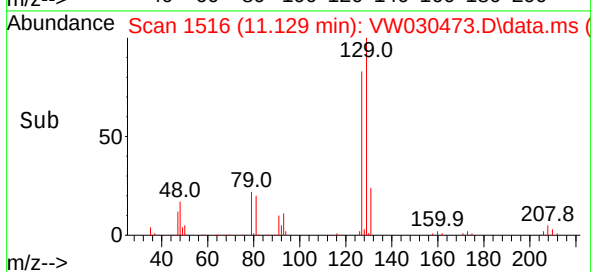
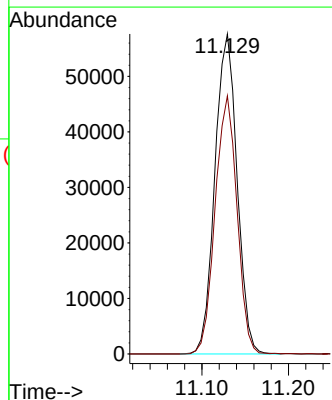
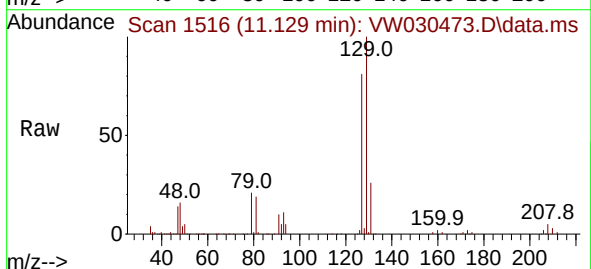
Instrument :
MSVOA_W
ClientSampleId :

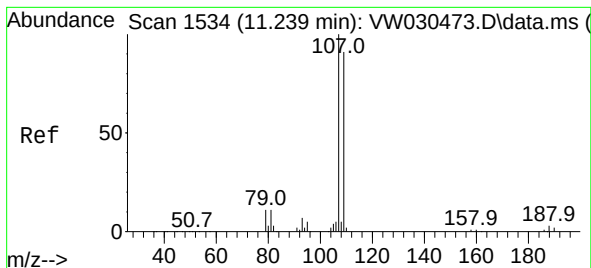
Tgt Ion:	43	Resp:	115189
Ion	Ratio	Lower	Upper
43	100		
58	55.8	44.6	67.0
57	19.8	15.8	23.8
100	12.7	10.2	15.2



#49
Dibromochloromethane
Concen: 24.345 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VW030473.D
Acq: 09 Oct 2024 14:36

Tgt Ion:	129	Resp:	102689
Ion	Ratio	Lower	Upper
129	100		
127	80.7	56.5	104.9

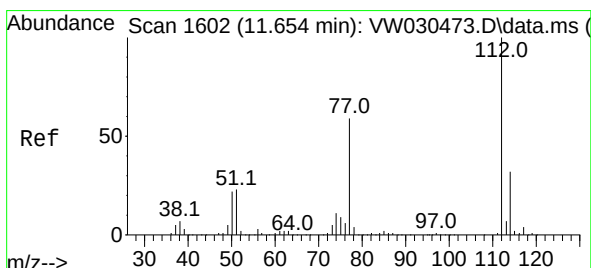
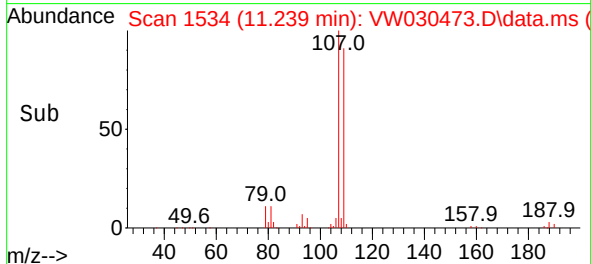
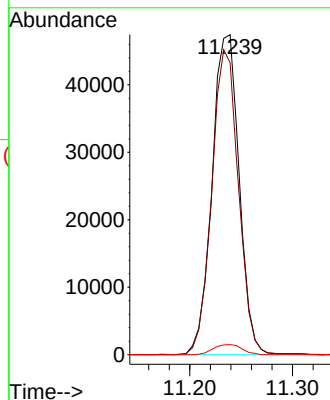
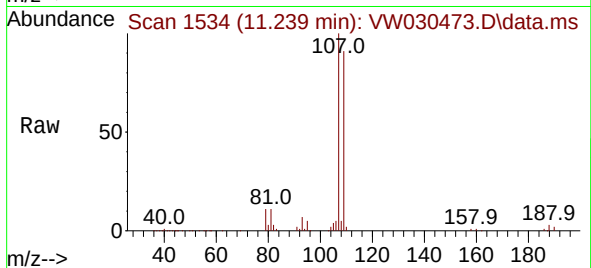




#50
1,2-Dibromoethane
Concen: 24.507 ug/L
RT: 11.239 min Scan# 1534
Delta R.T. 0.000 min
Lab File: VW030473.D
Acq: 09 Oct 2024 14:36

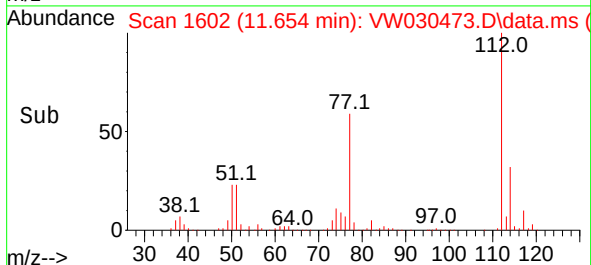
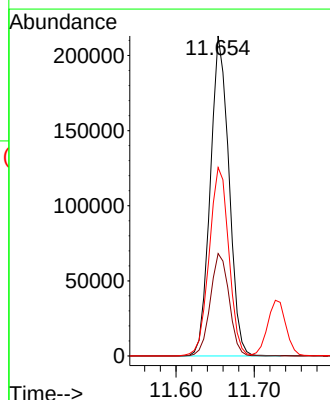
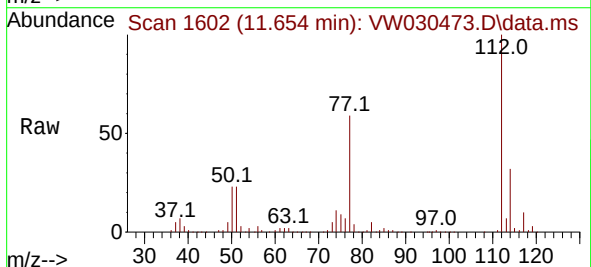
Instrument :
MSVOA_W
ClientSampleId :

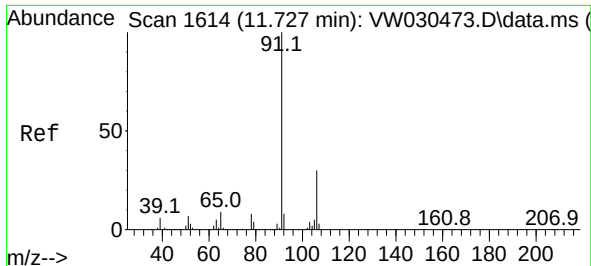
Tgt Ion:107 Resp: 86448
Ion Ratio Lower Upper
107 100
109 91.2 63.8 118.6
188 3.2 2.6 3.8



#51
Chlorobenzene
Concen: 24.477 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VW030473.D
Acq: 09 Oct 2024 14:36

Tgt Ion:112 Resp: 352054
Ion Ratio Lower Upper
112 100
114 32.0 22.4 41.6
77 58.9 47.1 70.7





#52

Ethylbenzene

Concen: 25.703 ug/L

RT: 11.727 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW030473.D

Acq: 09 Oct 2024 14:36

Instrument :

MSVOA_W

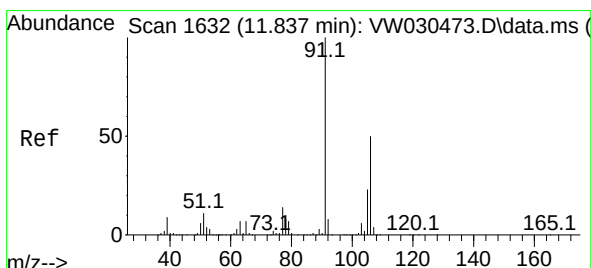
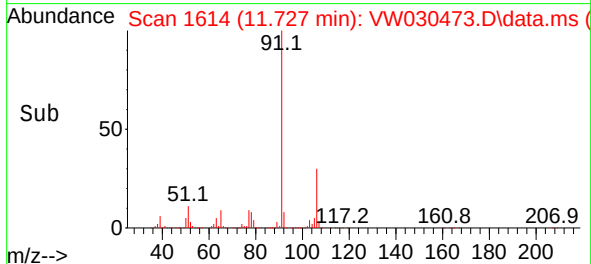
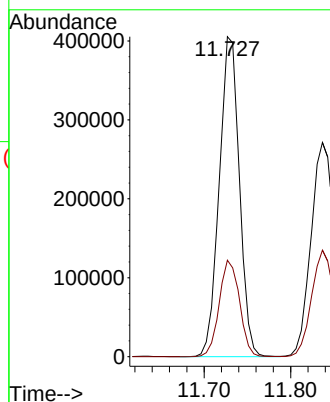
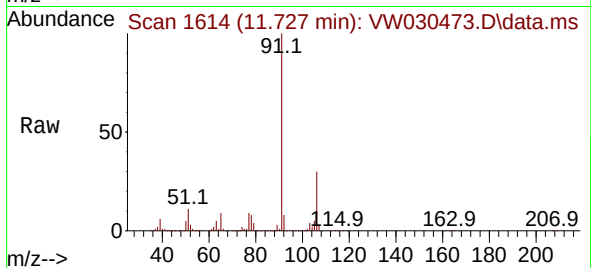
ClientSampleId :

Tgt Ion: 91 Resp: 655300

Ion Ratio Lower Upper

91 100

106 30.1 21.1 39.1



#53

m,p-Xylene

Concen: 25.659 ug/L

RT: 11.837 min Scan# 1632

Delta R.T. 0.000 min

Lab File: VW030473.D

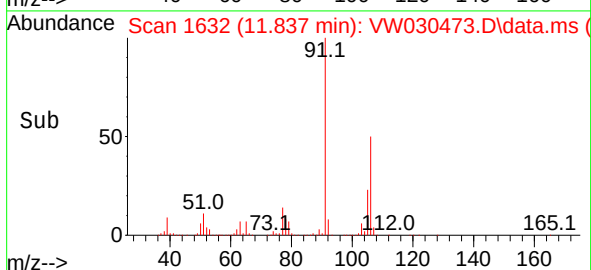
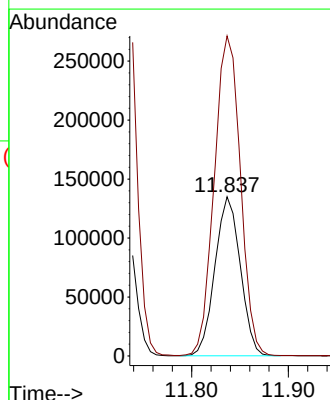
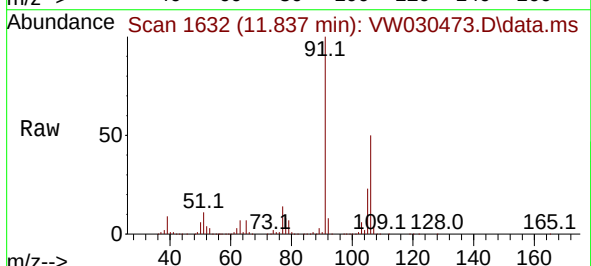
Acq: 09 Oct 2024 14:36

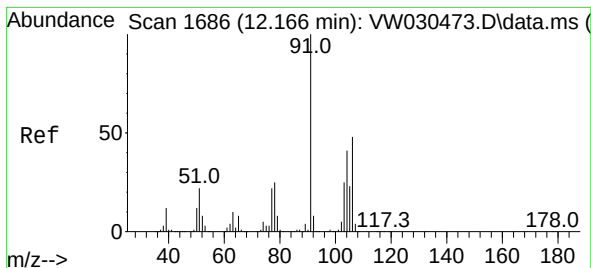
Tgt Ion:106 Resp: 245080

Ion Ratio Lower Upper

106 100

91 200.9 140.6 261.2

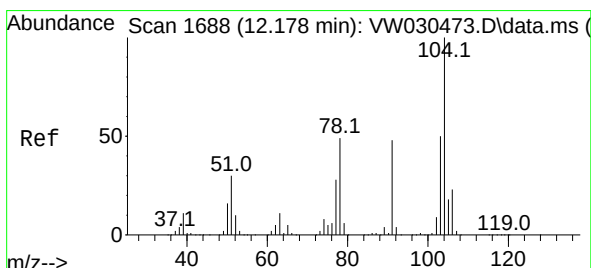
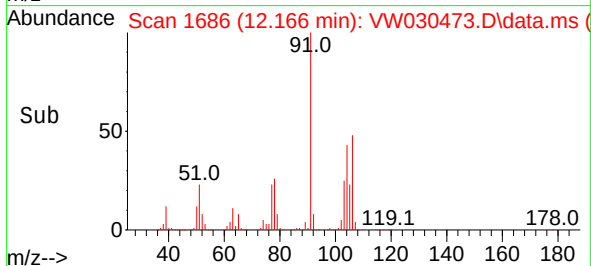
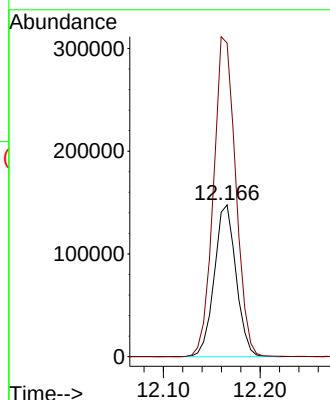
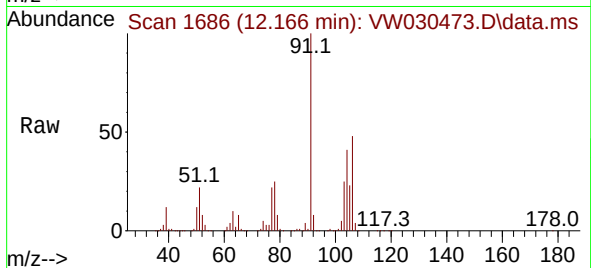




#54
o-Xylene
Concen: 26.108 ug/L
RT: 12.166 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW030473.D
Acq: 09 Oct 2024 14:36

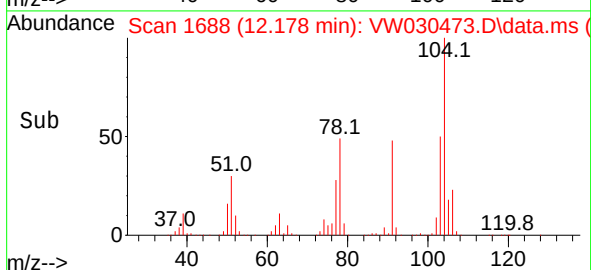
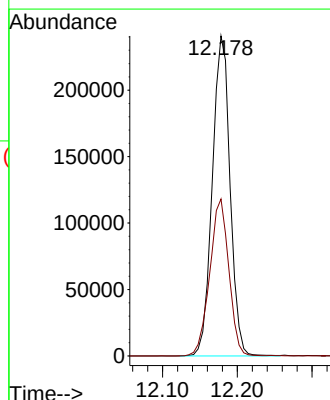
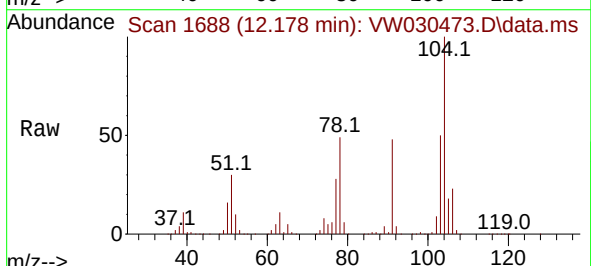
Instrument :
MSVOA_W
ClientSampleId :

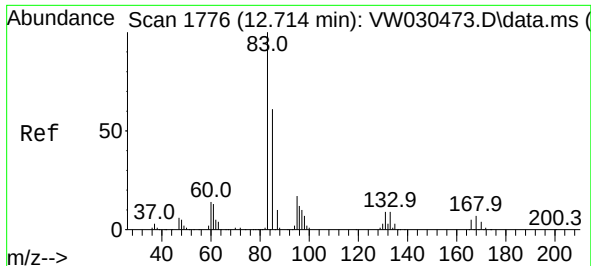
Tgt Ion:106 Resp: 230548
Ion Ratio Lower Upper
106 100
91 206.5 144.5 268.4



#55
Styrene
Concen: 26.330 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW030473.D
Acq: 09 Oct 2024 14:36

Tgt Ion:104 Resp: 397482
Ion Ratio Lower Upper
104 100
78 49.0 34.3 63.7





#57

1,1,2,2-Tetrachloroethane

Concen: 24.695 ug/L

RT: 12.714 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW030473.D

Acq: 09 Oct 2024 14:36

Instrument :

MSVOA_W

ClientSampleId :

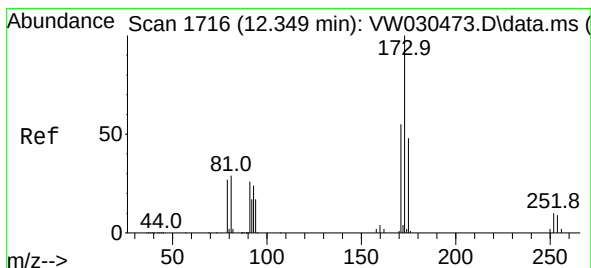
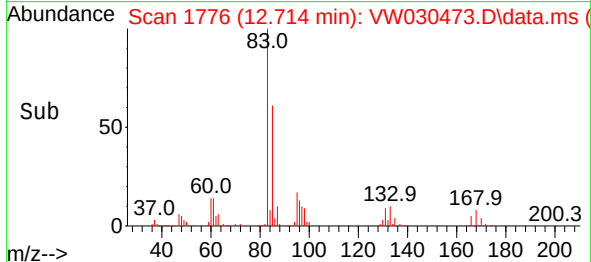
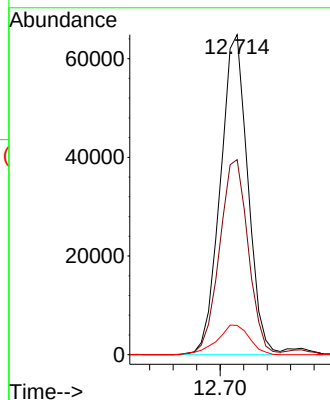
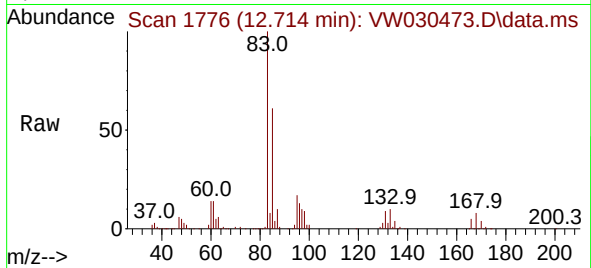
Tgt Ion: 83 Resp: 105279

Ion Ratio Lower Upper

83 100

85 60.9 42.6 79.2

131 9.2 7.4 11.0



#59

Bromoform

Concen: 24.914 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VW030473.D

Acq: 09 Oct 2024 14:36

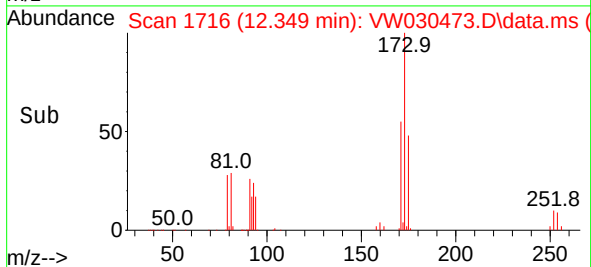
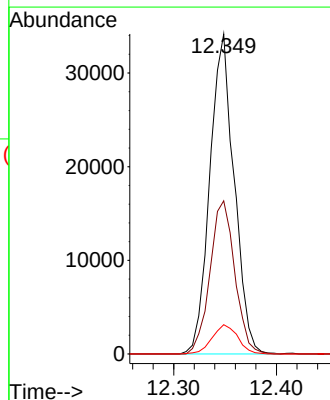
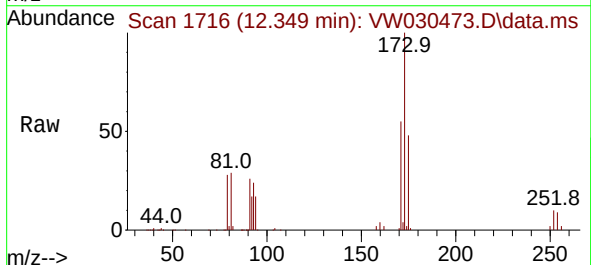
Tgt Ion:173 Resp: 56135

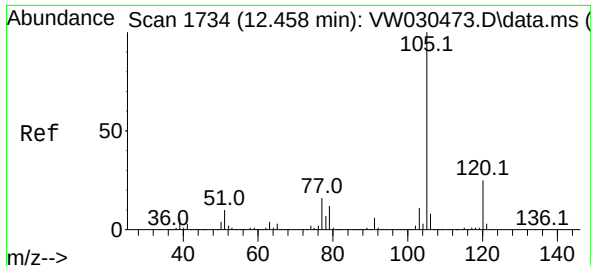
Ion Ratio Lower Upper

173 100

175 48.7 39.0 58.4

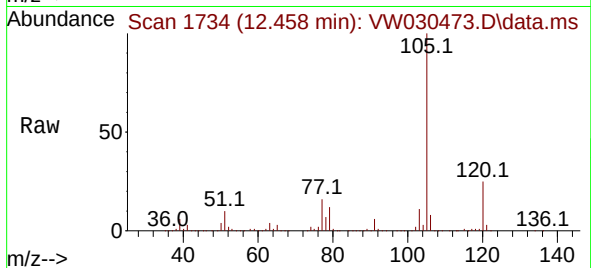
254 9.6 7.7 11.5



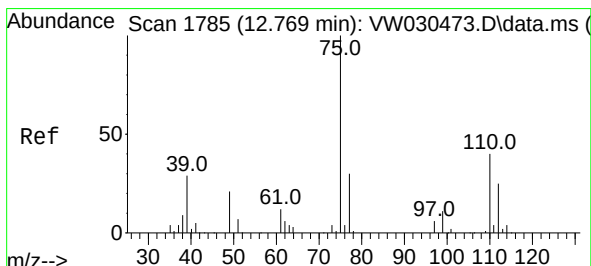
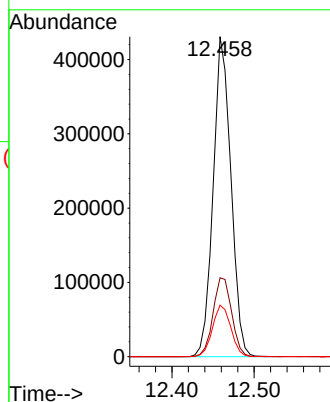
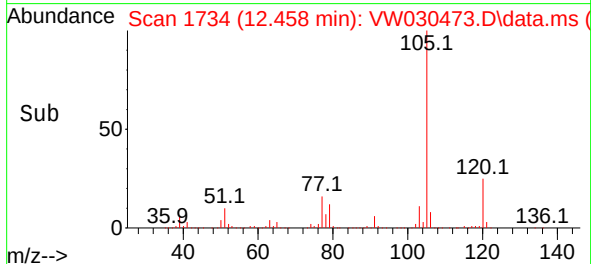


#60
Isopropylbenzene
Concen: 26.042 ug/L
RT: 12.458 min Scan# 1734
Delta R.T. 0.000 min
Lab File: VW030473.D
Acq: 09 Oct 2024 14:36

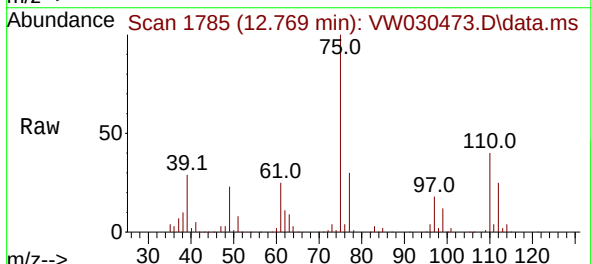
Instrument :
MSVOA_W
ClientSampleId :



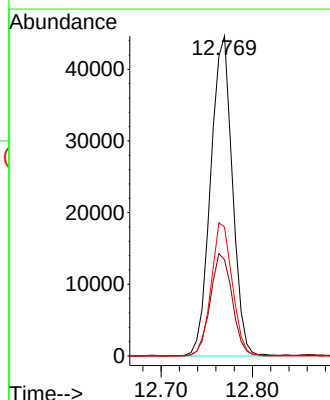
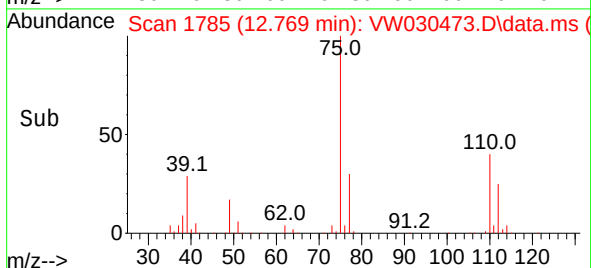
Tgt Ion:105 Resp: 646775
Ion Ratio Lower Upper
105 100
120 25.8 20.6 31.0
77 16.7 13.4 20.0

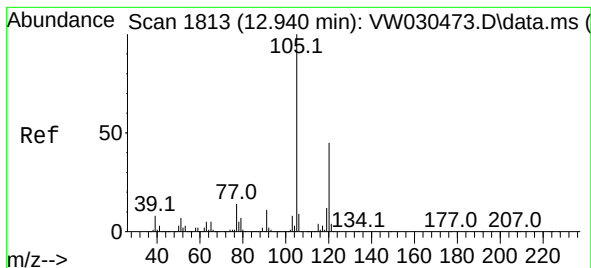


#61
1,2,3-Trichloropropane
Concen: 23.628 ug/L
RT: 12.769 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VW030473.D
Acq: 09 Oct 2024 14:36



Tgt Ion: 75 Resp: 73734
Ion Ratio Lower Upper
75 100
77 32.1 25.7 38.5
110 40.4 32.3 48.5

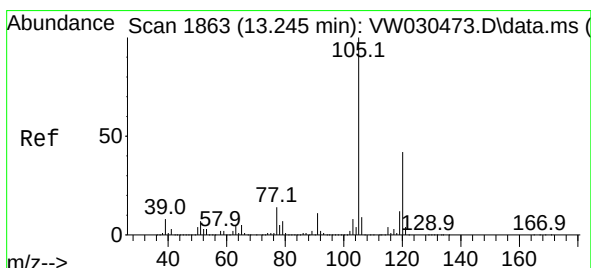
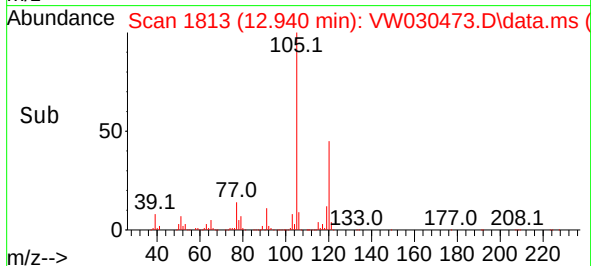
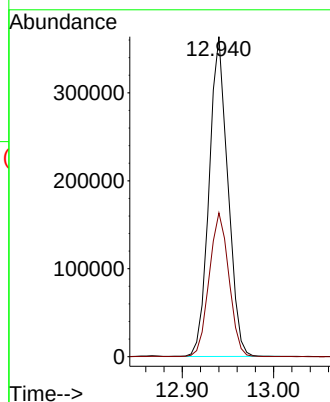
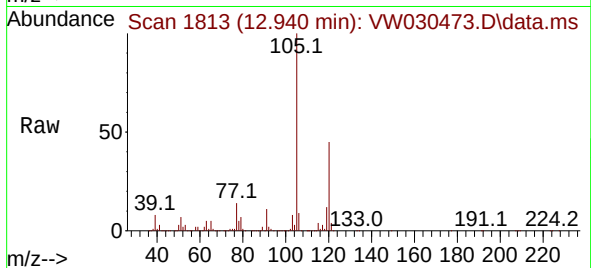




#62
1,3,5-Trimethylbenzene
Concen: 26.404 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW030473.D
Acq: 09 Oct 2024 14:36

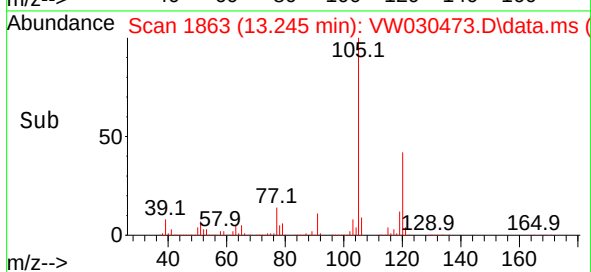
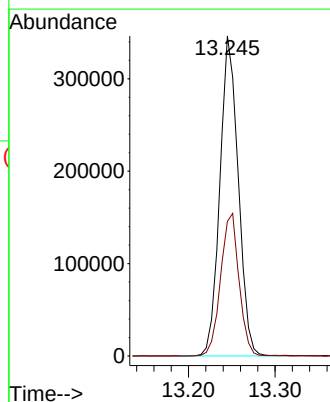
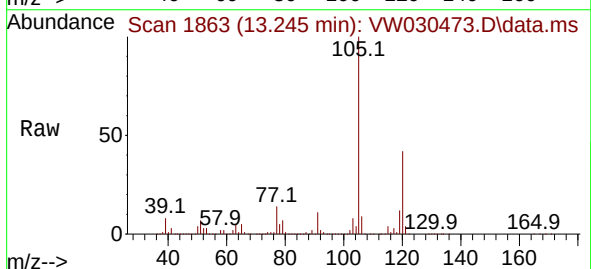
Instrument :
MSVOA_W
ClientSampleId :

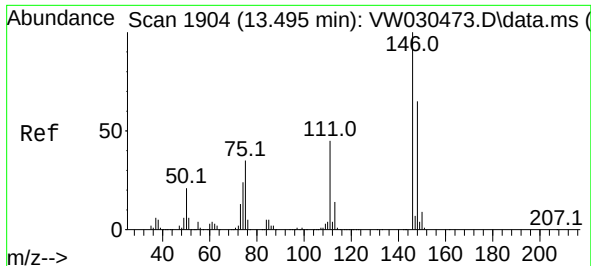
Tgt Ion:105 Resp: 517348
Ion Ratio Lower Upper
105 100
120 47.5 38.0 57.0



#63
1,2,4-Trimethylbenzene
Concen: 26.584 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW030473.D
Acq: 09 Oct 2024 14:36

Tgt Ion:105 Resp: 509990
Ion Ratio Lower Upper
105 100
120 44.7 35.8 53.6

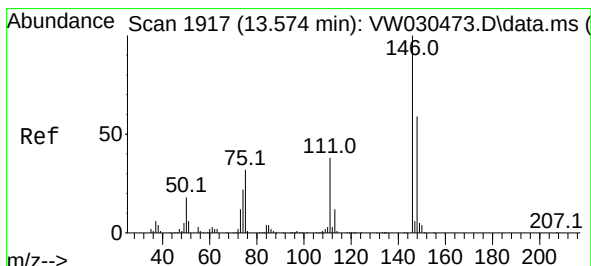
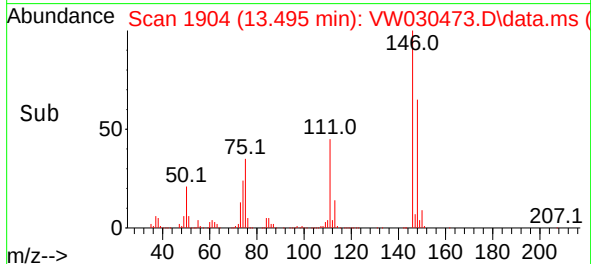
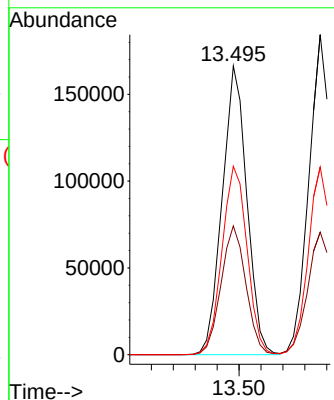
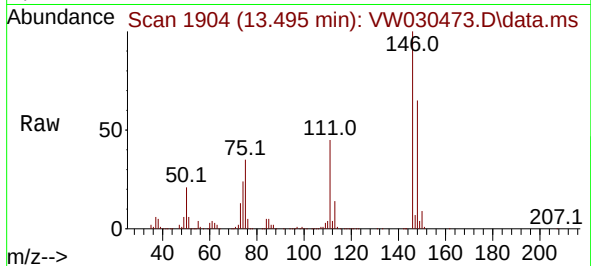




#64
1,3-Dichlorobenzene
Concen: 24.012 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW030473.D
Acq: 09 Oct 2024 14:36

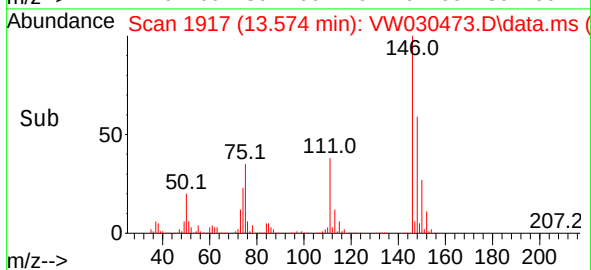
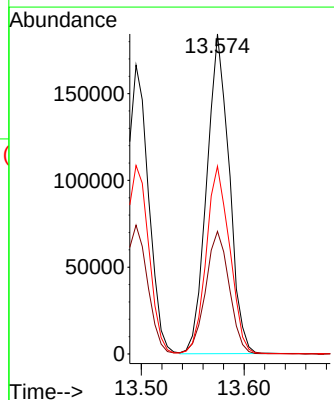
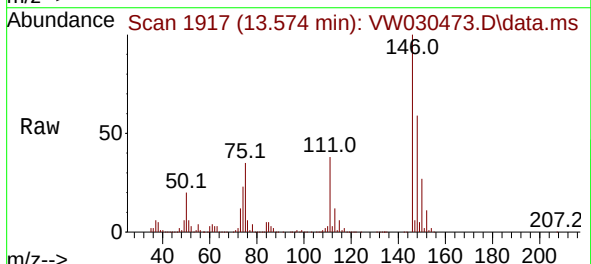
Instrument :
MSVOA_W
ClientSampleId :

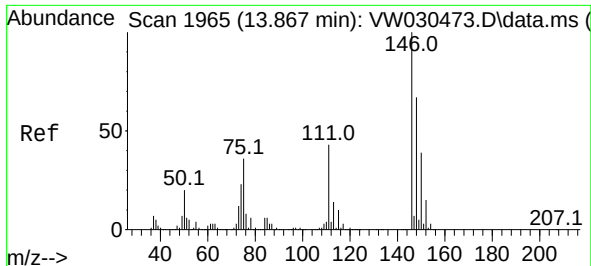
Tgt Ion:146 Resp: 259583
Ion Ratio Lower Upper
146 100
111 44.6 31.2 58.0
148 65.3 45.7 84.9



#65
1,4-Dichlorobenzene
Concen: 25.039 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW030473.D
Acq: 09 Oct 2024 14:36

Tgt Ion:146 Resp: 279487
Ion Ratio Lower Upper
146 100
111 38.3 26.8 49.8
148 58.6 41.0 76.2





#67

1,2-Dichlorobenzene

Concen: 24.978 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW030473.D

Acq: 09 Oct 2024 14:36

Instrument :

MSVOA_W

ClientSampleId :

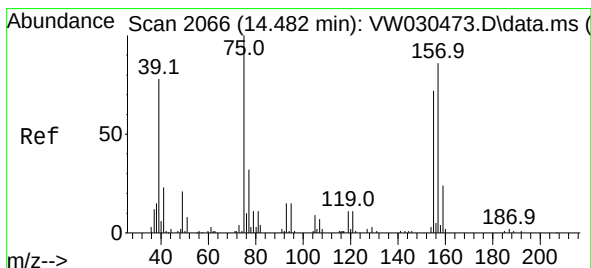
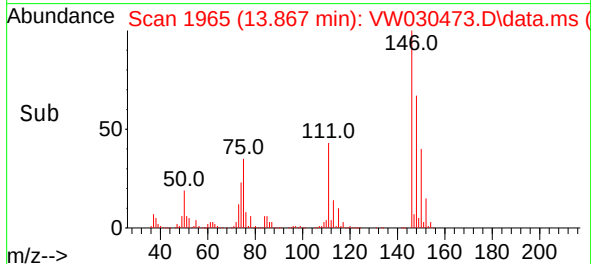
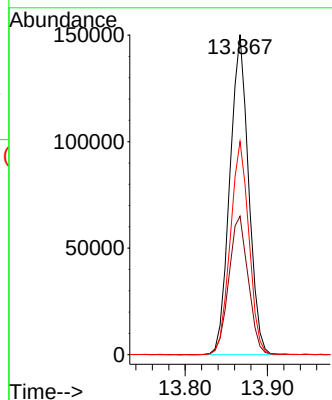
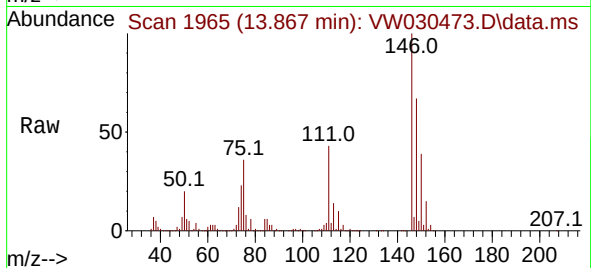
Tgt Ion:146 Resp: 237610

Ion Ratio Lower Upper

146 100

111 43.3 34.6 52.0

148 66.6 53.3 79.9



#68

1,2-Dibromo-3-chloropropane

Concen: 22.979 ug/L

RT: 14.482 min Scan# 2066

Delta R.T. 0.000 min

Lab File: VW030473.D

Acq: 09 Oct 2024 14:36

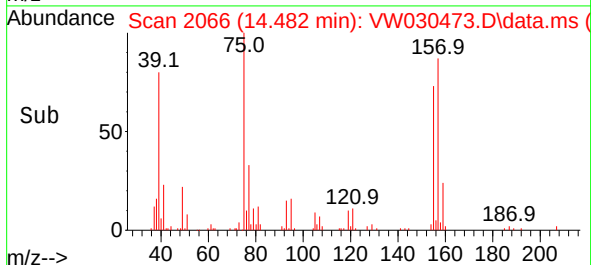
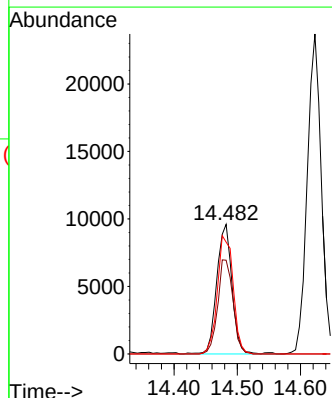
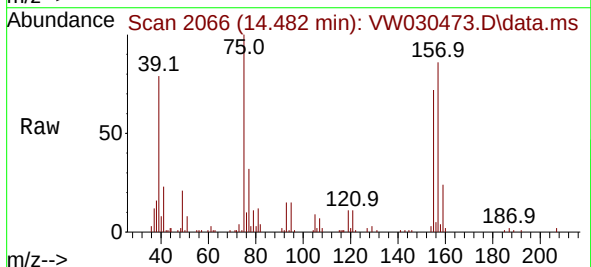
Tgt Ion: 75 Resp: 15994

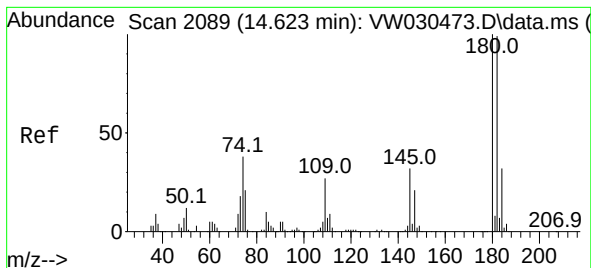
Ion Ratio Lower Upper

75 100

155 72.4 57.9 86.9

157 86.3 69.0 103.6





#69

1,3,5-Trichlorobenzene

Concen: 24.474 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

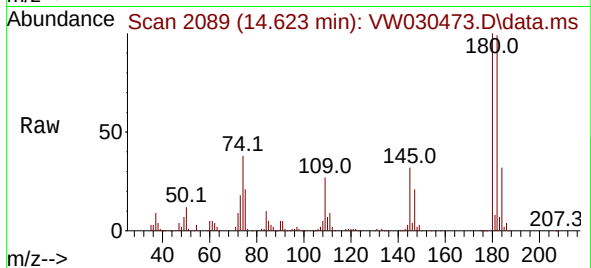
Lab File: VW030473.D

Acq: 09 Oct 2024 14:36

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 174469

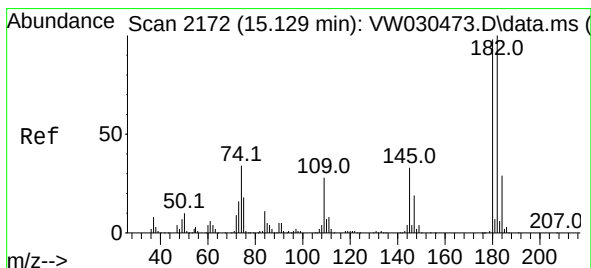
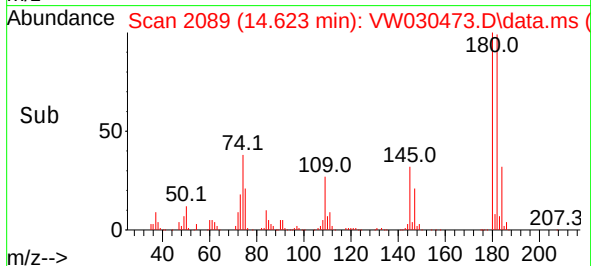
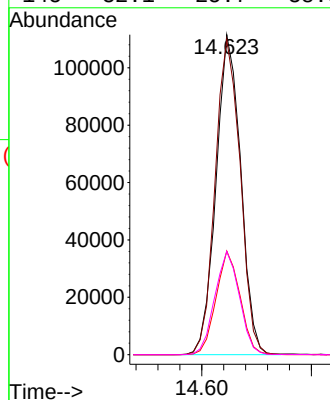
Ion Ratio Lower Upper

180 100

182 99.9 79.9 119.9

184 31.5 25.2 37.8

145 32.1 25.7 38.5



#70

1,2,4-trichlorobenzene

Concen: 25.204 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.000 min

Lab File: VW030473.D

Acq: 09 Oct 2024 14:36

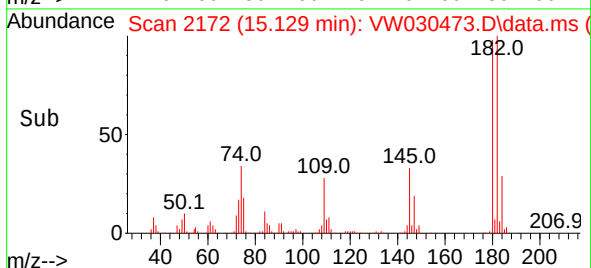
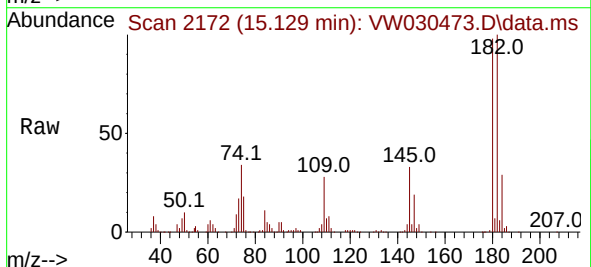
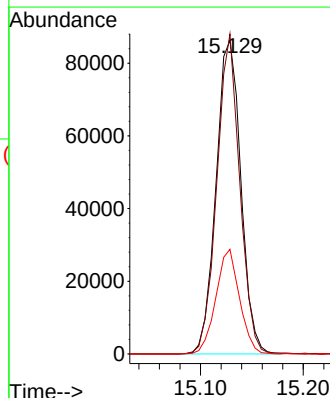
Tgt Ion:180 Resp: 144639

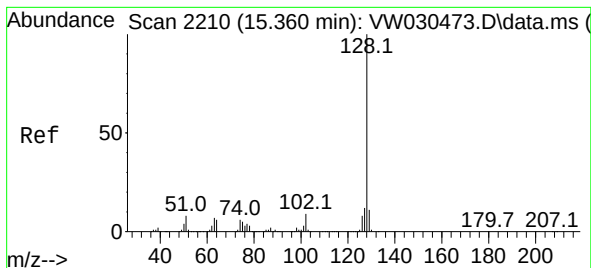
Ion Ratio Lower Upper

180 100

182 94.0 75.2 112.8

145 31.8 25.4 38.2





#71

Naphthalene

Concen: 25.142 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. 0.000 min

Lab File: VW030473.D

Acq: 09 Oct 2024 14:36

Instrument :

MSVOA_W

ClientSampleId :

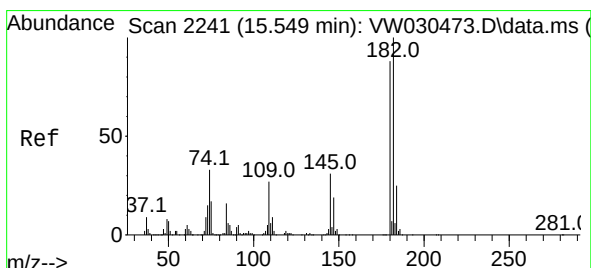
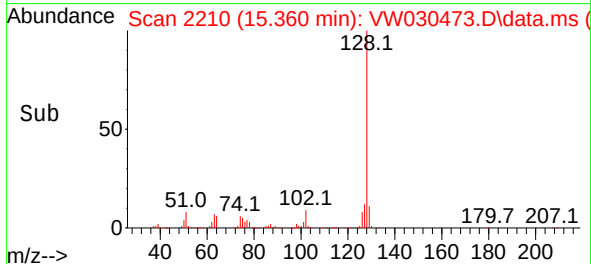
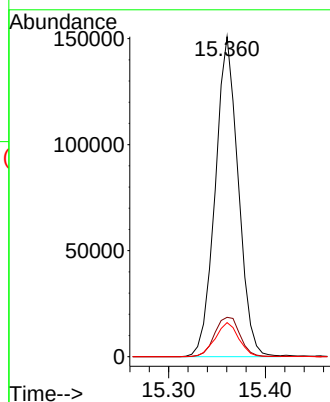
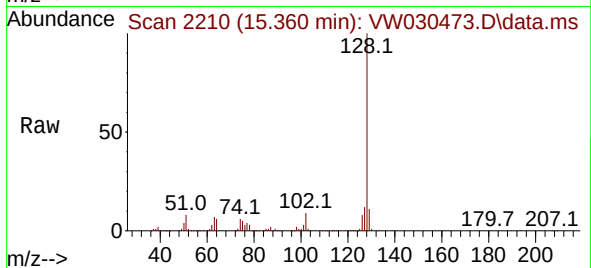
Tgt Ion:128 Resp: 249283

Ion Ratio Lower Upper

128 100

127 13.6 10.9 16.3

129 11.0 8.8 13.2



#72

1,2,3-Trichlorobenzene

Concen: 25.236 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. 0.000 min

Lab File: VW030473.D

Acq: 09 Oct 2024 14:36

Tgt Ion:180 Resp: 125553

Ion Ratio Lower Upper

180 100

182 95.3 76.2 114.4

145 34.3 27.4 41.2

