

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW013125\
 Data File : VW031673.D
 Acq On : 31 Jan 2025 17:45
 Operator : SY/MD
 Sample : VSTD025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Feb 03 07:33:03 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM013125SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Feb 03 07:30:43 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	443145	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	311001	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.550	152	131069	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	145668	21.620	ug/L	0.00
7) Chloroethane-d5	2.899	69	101077	21.230	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.015	65	68991	22.940	ug/L	0.00
21) 2-Butanone-d5	7.093	46	99547	77.853	ug/L	0.00
24) Chloroform-d	7.642	84	227812	21.000	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.301	65	81355	16.009	ug/L	0.00
32) Benzene-d6	8.270	84	493010	25.523	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.270	67	121703	22.137	ug/L	0.00
41) Toluene-d8	10.318	98	434687	25.093	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.575	79	34905	16.400	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	48211	74.140	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	86706	24.980	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.848	152	103783	23.469	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.009	85	141081	23.945	ug/L	100
3) Chloromethane	2.216	50	129340	21.719	ug/L	100
5) Vinyl chloride	2.375	62	195729	25.378	ug/L	100
6) Bromomethane	2.783	94	93431	21.485	ug/L	100
8) Chloroethane	2.936	64	95571	21.848	ug/L	100
9) Trichlorofluoromethane	3.265	101	158324	21.586	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	164669	27.464	ug/L	100
12) 1,1-Dichloroethene	4.045	96	165198	27.191	ug/L	100
13) Acetone	4.143	43	75124	73.734	ug/L	100
14) Carbon disulfide	4.393	76	516805	25.662	ug/L	100
15) Methyl Acetate	4.679	43	68789	28.460	ug/L	# 100
16) Methylene chloride	4.923	84	106824	18.546	ug/L	100
17) trans-1,2-Dichloroethene	5.429	96	169974	26.286	ug/L	100
18) Methyl tert-butyl Ether	5.423	73	140093	15.088	ug/L	100
19) 1,1-Dichloroethane	6.222	63	265624	22.675	ug/L	100
20) cis-1,2-Dichloroethene	7.167	96	146557	22.181	ug/L	100
22) 2-Butanone	7.179	43	111891	67.606	ug/L	100
23) Bromochloromethane	7.514	128	45198	18.152	ug/L	100
25) Chloroform	7.673	83	232604	21.183	ug/L	100
27) 1,2-Dichloroethane	8.398	62	113065	17.357	ug/L	100
29) Cyclohexane	7.953	56	341530	31.813	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	236676	28.192	ug/L	100
31) Carbon tetrachloride	8.069	117	222977	29.482	ug/L	100
33) Benzene	8.319	78	623281	28.156	ug/L	100
34) Trichloroethene	9.087	95	181671	30.008	ug/L	100
35) Methylcyclohexane	9.331	83	364655	32.655	ug/L	100
37) 1,2-Dichloropropane	9.367	63	122913	23.182	ug/L	100
38) Bromodichloromethane	9.642	83	129714	20.770	ug/L	100
39) cis-1,3-Dichloropropene	10.069	75	153961	19.279	ug/L	100
40) 4-Methyl-2-pentanone	10.203	43	152144	54.734	ug/L	100
42) Toluene	10.386	91	647037	28.010	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	112871	17.901	ug/L	100

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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM013125SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Feb 03 07:30:43 2025
 Response via : Initial Calibration

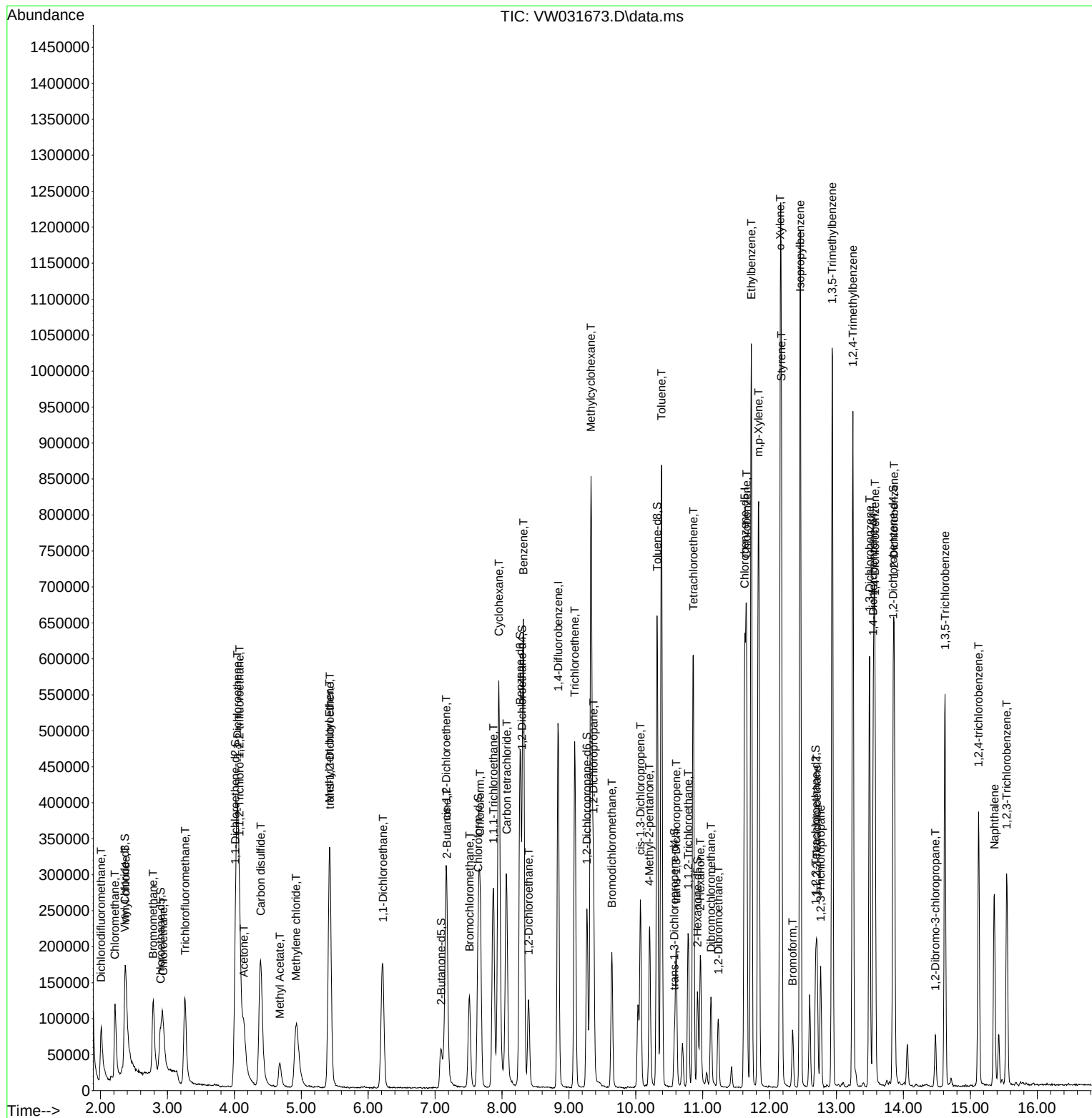
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.782	97	71015	21.306	ug/L	100
46) Tetrachloroethene	10.861	164	137896	31.204	ug/L	100
48) 2-Hexanone	10.965	43	117685	65.993	ug/L	100
49) Dibromochloromethane	11.123	129	66435	18.660	ug/L	100
50) 1,2-Dibromoethane	11.233	107	67719	21.866	ug/L	100
51) Chlorobenzene	11.654	112	344720	24.994	ug/L	100
52) Ethylbenzene	11.727	91	739943	27.951	ug/L	100
53) m,p-Xylene	11.836	106	266709	26.738	ug/L	100
54) o-Xylene	12.160	106	234314	25.569	ug/L	100
55) Styrene	12.178	104	363898	24.336	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.708	83	88997	23.649	ug/L	100
59) Bromoform	12.342	173	36539	21.557	ug/L	100
60) Isopropylbenzene	12.458	105	761859	31.202	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	70460	27.763	ug/L	100
62) 1,3,5-Trimethylbenzene	12.934	105	579333	29.408	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	510899	27.203	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	241529	26.153	ug/L	100
65) 1,4-Dichlorobenzene	13.574	146	228430	25.193	ug/L	100
67) 1,2-Dichlorobenzene	13.861	146	190171	24.467	ug/L	100
68) 1,2-Dibromo-3-chloropr...	14.476	75	19863	33.040	ug/L	100
69) 1,3,5-Trichlorobenzene	14.623	180	161275	25.905	ug/L	100
70) 1,2,4-trichlorobenzene	15.122	180	116703	23.993	ug/L	100
71) Naphthalene	15.360	128	232469	25.148	ug/L	100
72) 1,2,3-Trichlorobenzene	15.543	180	94855	23.033	ug/L	100

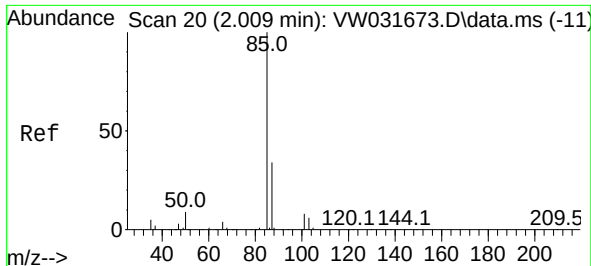
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Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW031325\
 Data File : VW031673.D
 Acq On : 31 Jan 2025 17:45
 Operator : SY/MD
 Sample : VSTD025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Feb 03 07:33:03 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM013125SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Feb 03 07:30:43 2025
 Response via : Initial Calibration

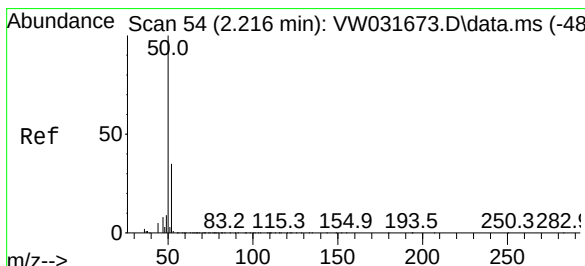
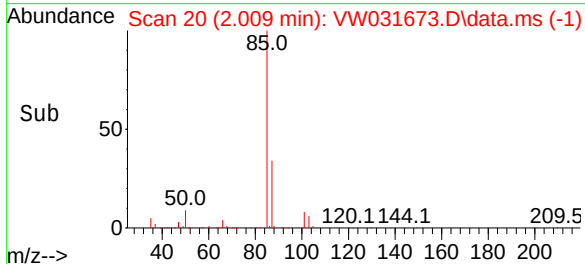
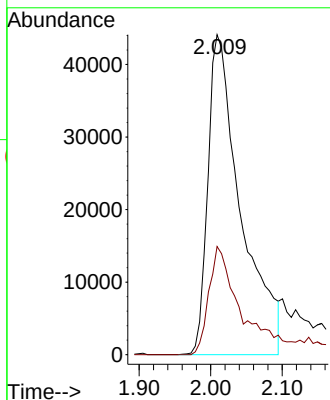
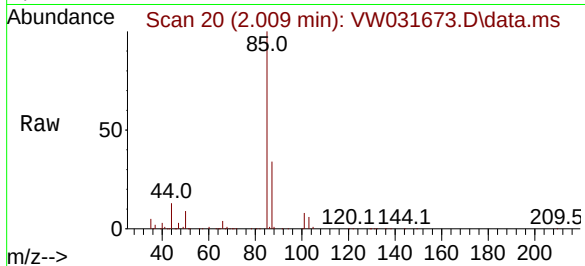




#2
 Dichlorodifluoromethane
 Concen: 23.945 ug/L
 RT: 2.009 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VW031673.D
 Acq: 31 Jan 2025 17:45

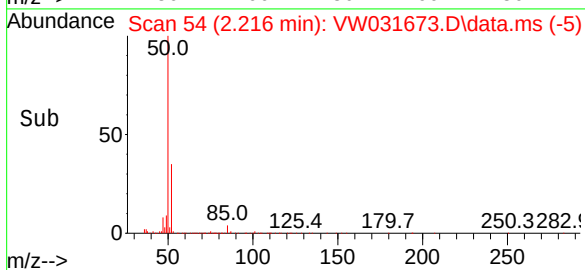
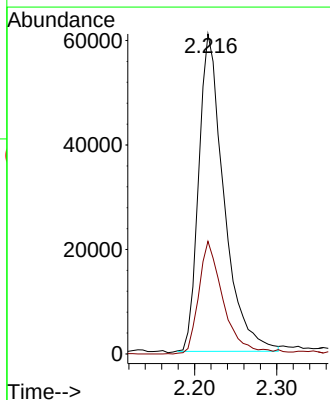
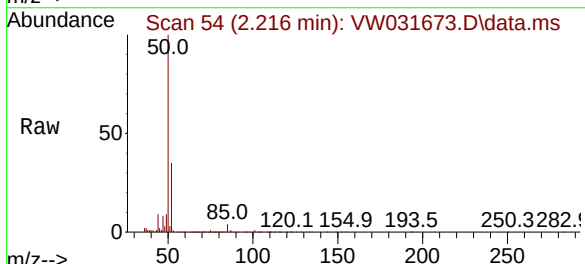
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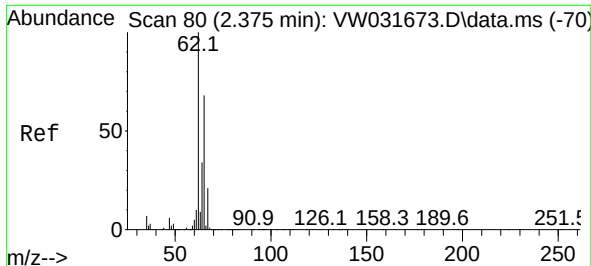
Tgt Ion: 85 Resp: 141081
 Ion Ratio Lower Upper
 85 100
 87 24.5 19.6 29.4



#3
 Chloromethane
 Concen: 21.719 ug/L
 RT: 2.216 min Scan# 54
 Delta R.T. 0.000 min
 Lab File: VW031673.D
 Acq: 31 Jan 2025 17:45

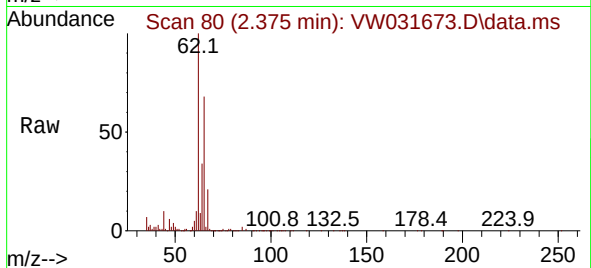
Tgt Ion: 50 Resp: 129340
 Ion Ratio Lower Upper
 50 100
 52 35.2 24.6 45.8



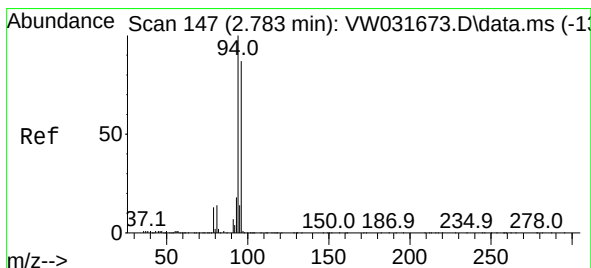
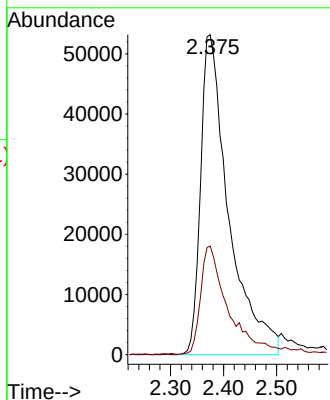
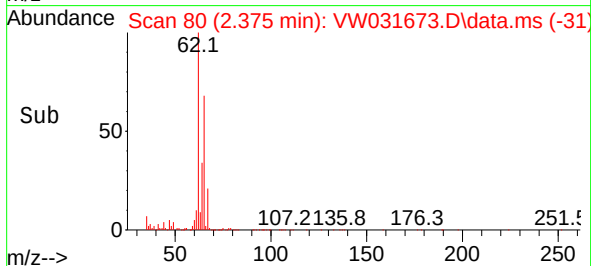


#5
 Vinyl chloride
 Concen: 25.378 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VW031673.D
 Acq: 31 Jan 2025 17:45

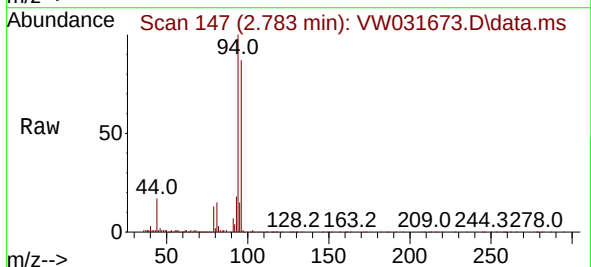
Instrument :
 MSVOA_W
 ClientSampleId :



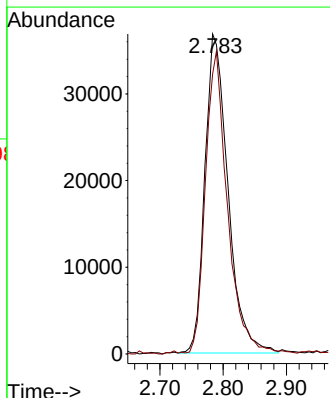
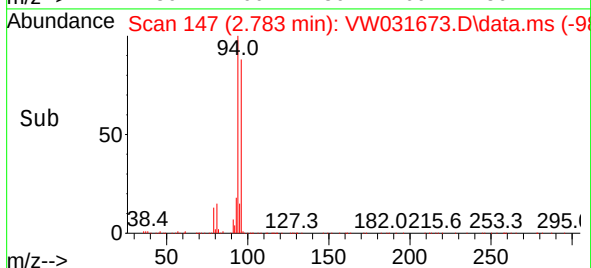
Tgt Ion: 62 Resp: 195729
 Ion Ratio Lower Upper
 62 100
 64 34.0 23.8 44.2

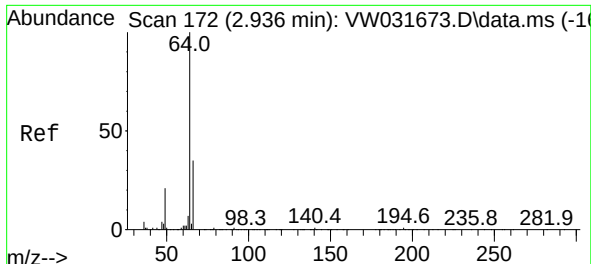


#6
 Bromomethane
 Concen: 21.485 ug/L
 RT: 2.783 min Scan# 147
 Delta R.T. 0.000 min
 Lab File: VW031673.D
 Acq: 31 Jan 2025 17:45



Tgt Ion: 94 Resp: 93431
 Ion Ratio Lower Upper
 94 100
 96 87.4 61.2 113.6

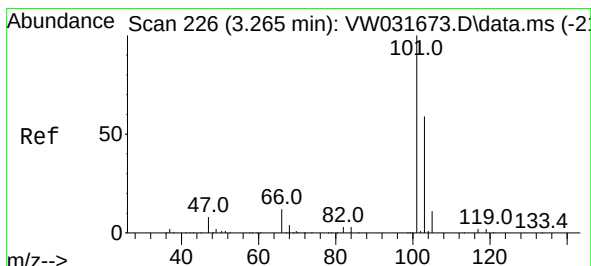
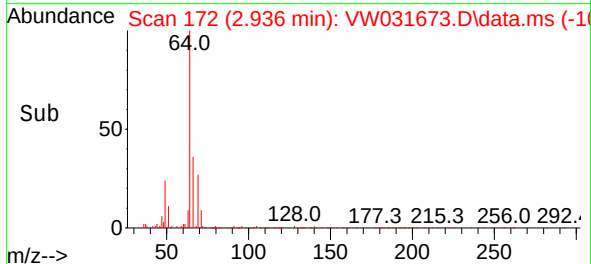
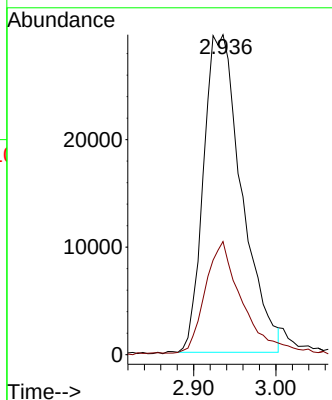
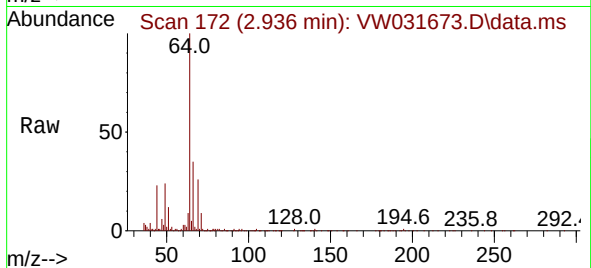




#8
Chloroethane
Concen: 21.848 ug/L
RT: 2.936 min Scan# 172
Delta R.T. 0.000 min
Lab File: VW031673.D
Acq: 31 Jan 2025 17:45

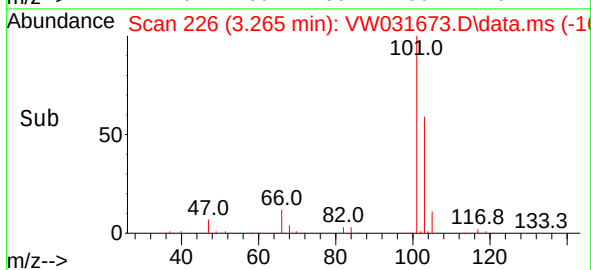
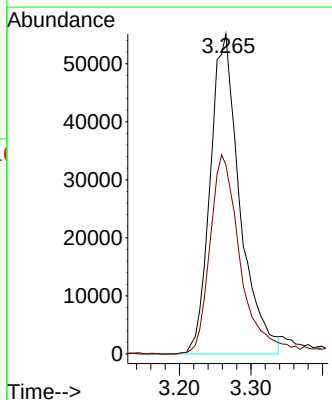
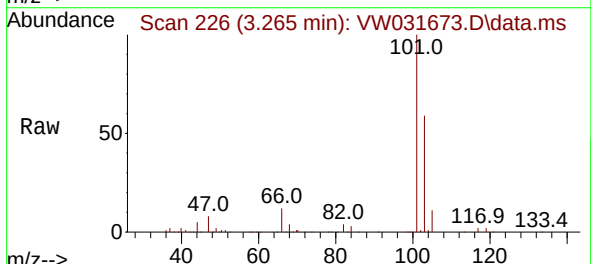
Instrument :
MSVOA_W
ClientSampleId :

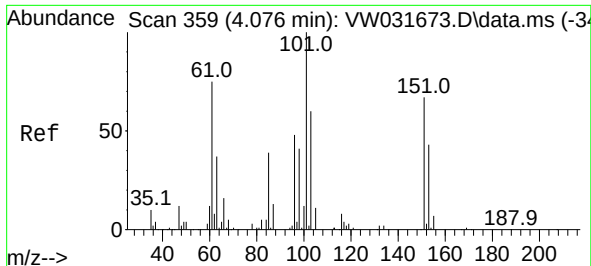
Tgt Ion: 64 Resp: 95571
Ion Ratio Lower Upper
64 100
66 35.3 24.7 45.9



#9
Trichlorofluoromethane
Concen: 21.586 ug/L
RT: 3.265 min Scan# 226
Delta R.T. 0.000 min
Lab File: VW031673.D
Acq: 31 Jan 2025 17:45

Tgt Ion:101 Resp: 158324
Ion Ratio Lower Upper
101 100
103 64.1 51.3 76.9





#10

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

Concen: 27.464 ug/L

RT: 4.076 min Scan# 359

Delta R.T. 0.000 min

Lab File: VW031673.D

Acq: 31 Jan 2025 17:45

Instrument :

MSVOA_W

ClientSampleId :

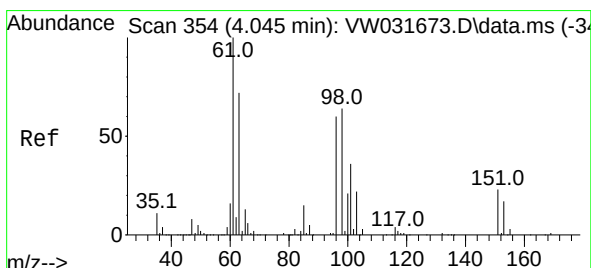
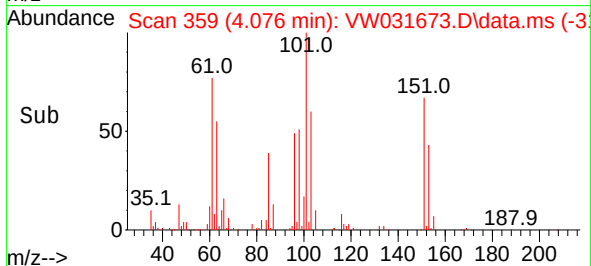
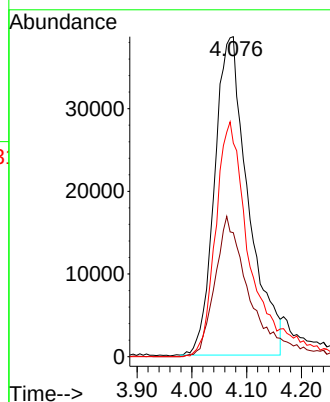
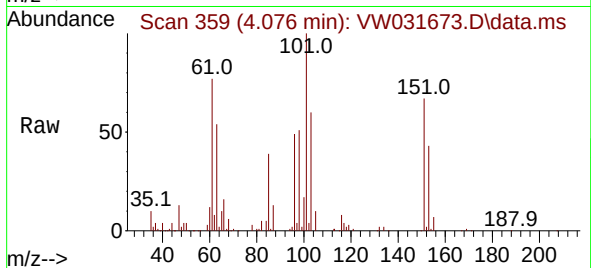
Tgt Ion:101 Resp: 164669

Ion Ratio Lower Upper

101 100

85 45.4 36.3 54.5

151 69.9 55.9 83.9



#12

1,1-Dichloroethene

Concen: 27.191 ug/L

RT: 4.045 min Scan# 354

Delta R.T. 0.000 min

Lab File: VW031673.D

Acq: 31 Jan 2025 17:45

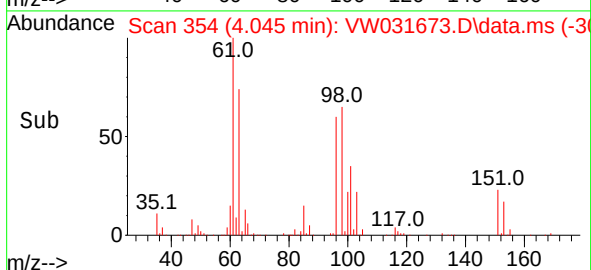
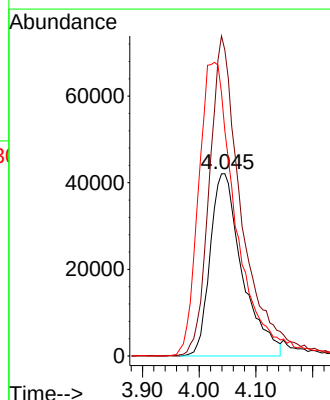
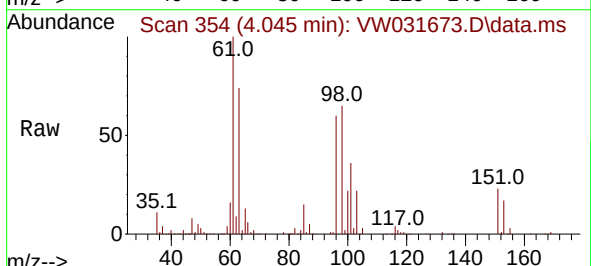
Tgt Ion: 96 Resp: 165198

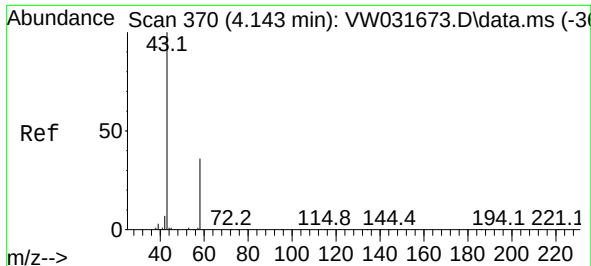
Ion Ratio Lower Upper

96 100

61 167.9 117.5 218.3

63 123.6 86.5 160.7

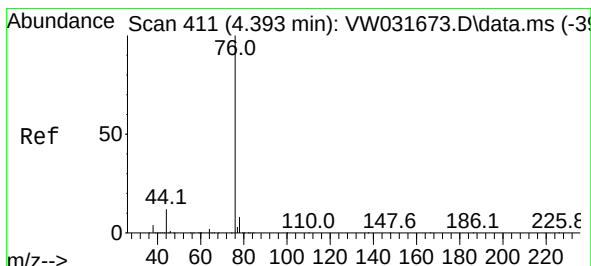
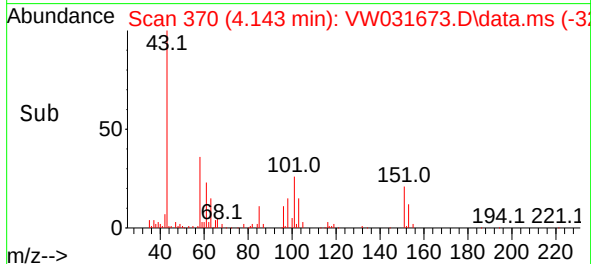
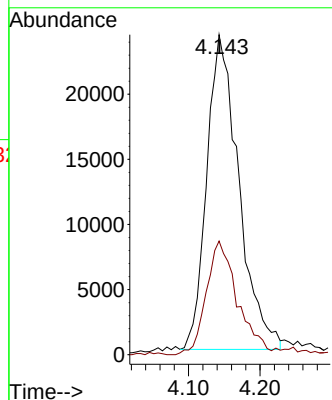
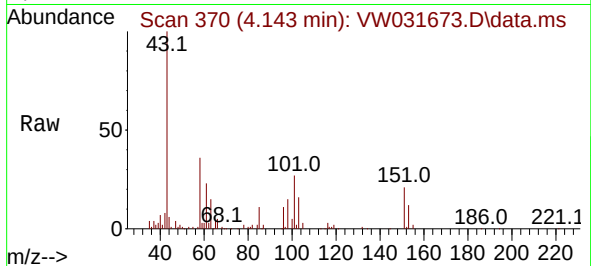




#13
Acetone
Concen: 73.734 ug/L
RT: 4.143 min Scan# 370
Delta R.T. 0.000 min
Lab File: VW031673.D
Acq: 31 Jan 2025 17:45

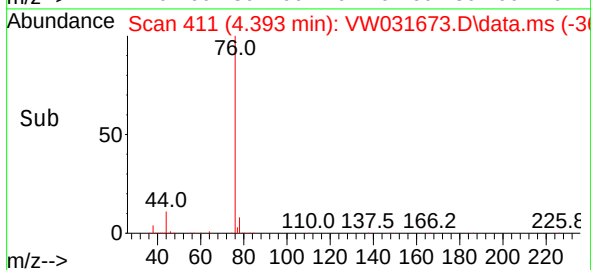
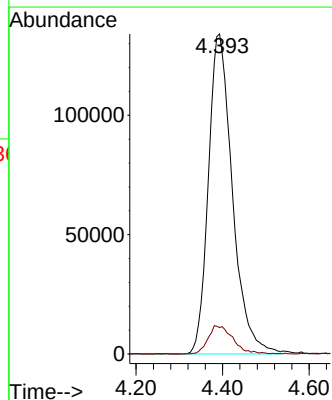
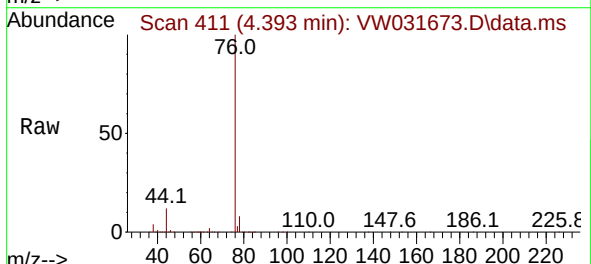
Instrument :
MSVOA_W
ClientSampleId :

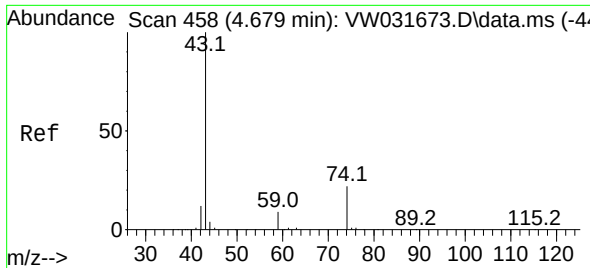
Tgt Ion: 43 Resp: 75124
Ion Ratio Lower Upper
43 100
58 35.1 0.0 70.2



#14
Carbon disulfide
Concen: 25.662 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.000 min
Lab File: VW031673.D
Acq: 31 Jan 2025 17:45

Tgt Ion: 76 Resp: 516805
Ion Ratio Lower Upper
76 100
78 8.2 6.6 9.8

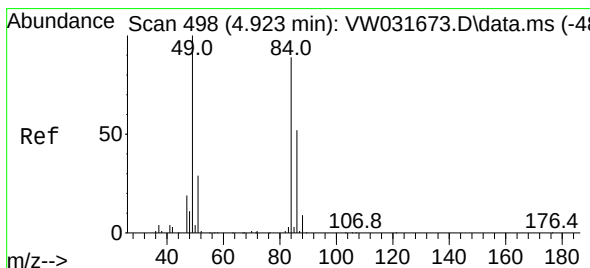
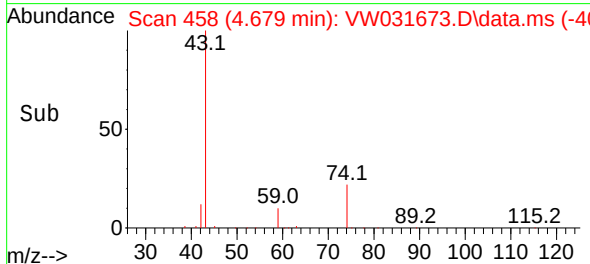
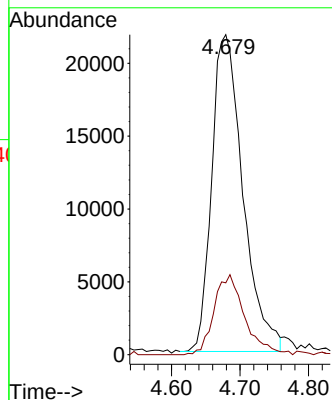
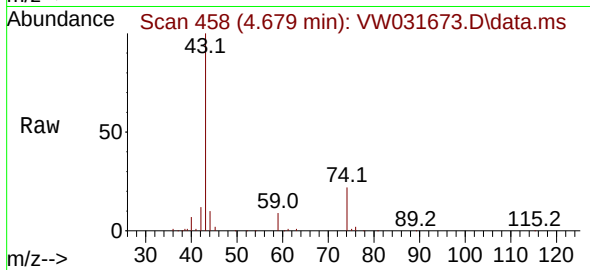




#15
Methyl Acetate
Concen: 28.460 ug/L
RT: 4.679 min Scan# 458
Delta R.T. 0.000 min
Lab File: VW031673.D
Acq: 31 Jan 2025 17:45

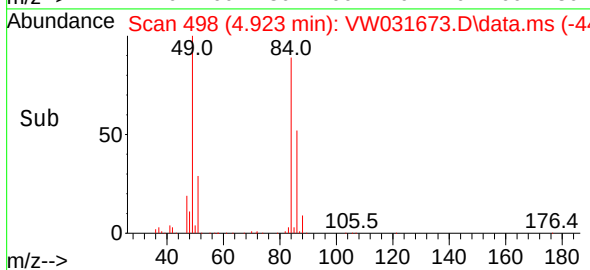
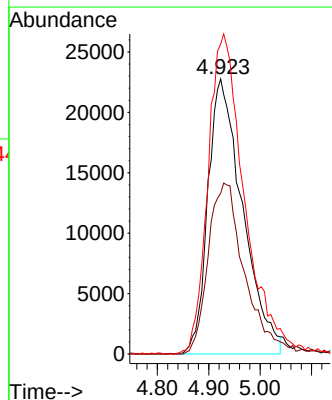
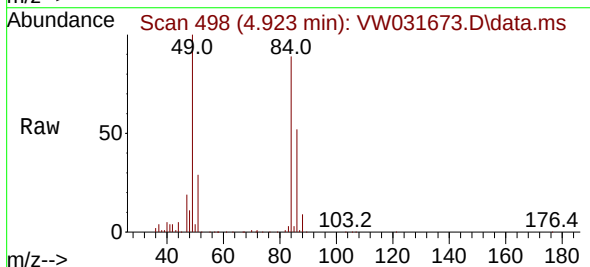
Instrument :
MSVOA_W
ClientSampleId :

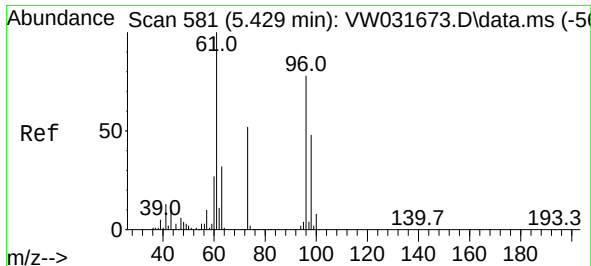
Tgt Ion: 43 Resp: 68789
Ion Ratio Lower Upper
43 100
74 24.6 0.0 0.0#



#16
Methylene chloride
Concen: 18.546 ug/L
RT: 4.923 min Scan# 498
Delta R.T. 0.000 min
Lab File: VW031673.D
Acq: 31 Jan 2025 17:45

Tgt Ion: 84 Resp: 106824
Ion Ratio Lower Upper
84 100
86 58.5 40.9 76.0
49 112.7 78.9 146.5

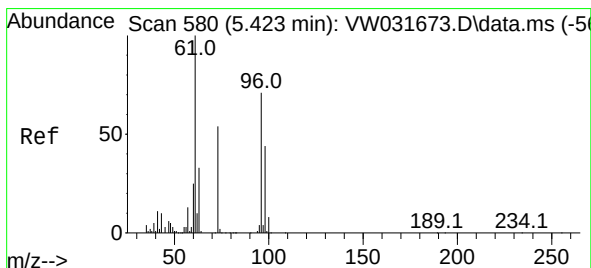
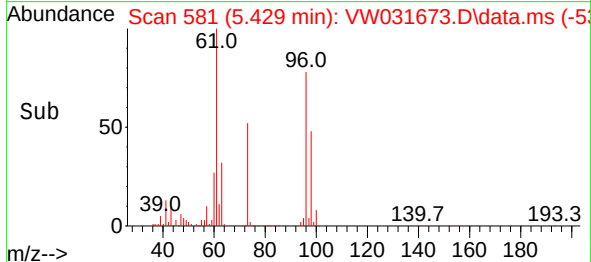
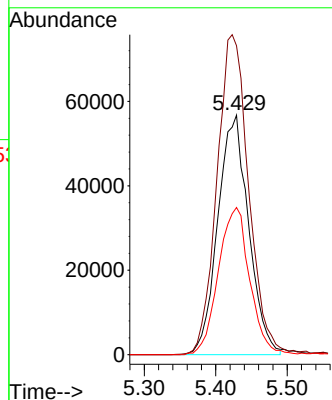
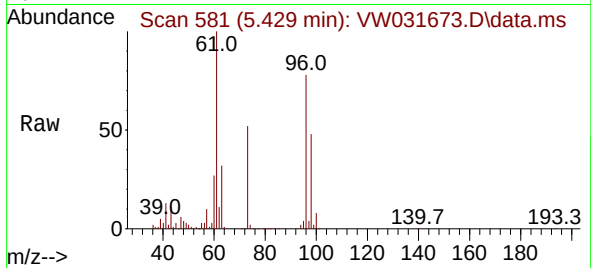




#17
trans-1,2-Dichloroethene
Concen: 26.286 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.000 min
Lab File: VW031673.D
Acq: 31 Jan 2025 17:45

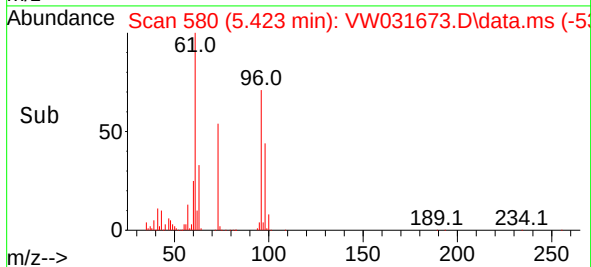
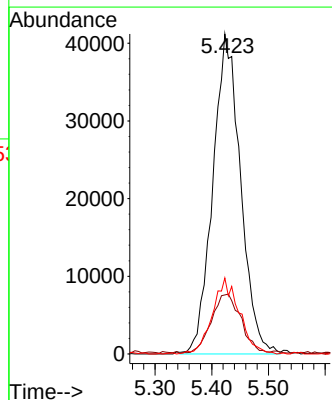
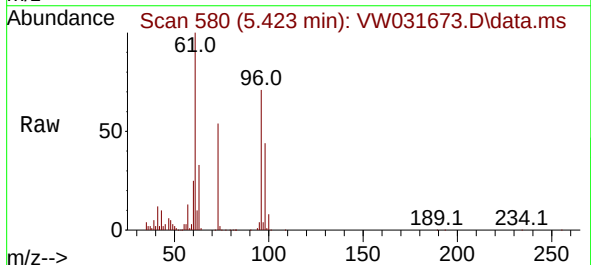
Instrument :
MSVOA_W
ClientSampleId :

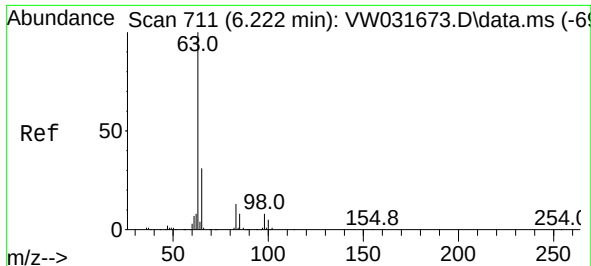
Tgt Ion: 96 Resp: 169974
Ion Ratio Lower Upper
96 100
61 129.0 90.3 167.7
98 61.5 43.0 80.0



#18
Methyl tert-butyl Ether
Concen: 15.088 ug/L
RT: 5.423 min Scan# 580
Delta R.T. 0.000 min
Lab File: VW031673.D
Acq: 31 Jan 2025 17:45

Tgt Ion: 73 Resp: 140093
Ion Ratio Lower Upper
73 100
43 19.3 15.4 23.2
57 22.7 18.2 27.2





#19

1,1-Dichloroethane

Concen: 22.675 ug/L

RT: 6.222 min Scan# 711

Delta R.T. 0.000 min

Lab File: VW031673.D

Acq: 31 Jan 2025 17:45

Instrument :

MSVOA_W

ClientSampleId :

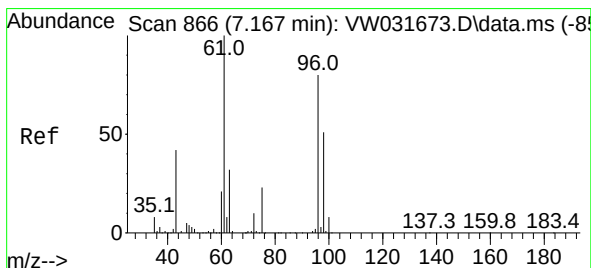
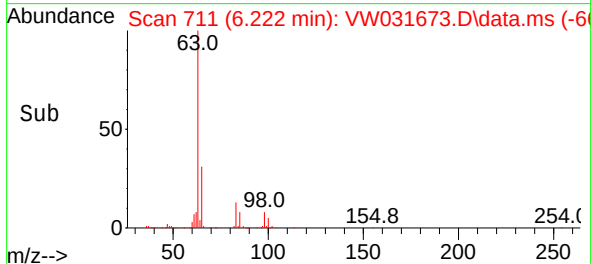
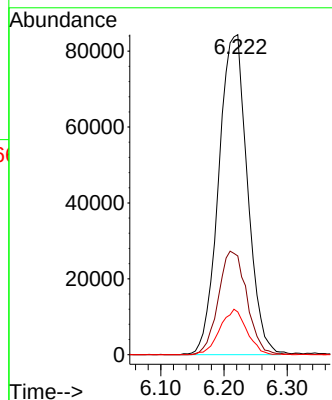
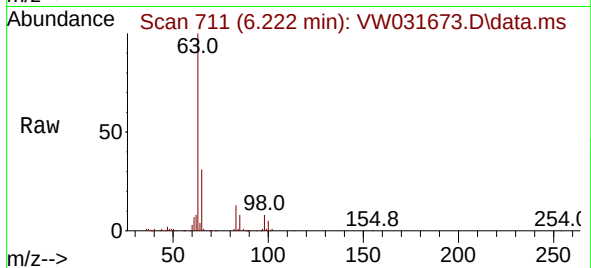
Tgt Ion: 63 Resp: 265624

Ion Ratio Lower Upper

63 100

65 30.9 21.6 40.2

83 13.4 9.4 17.4



#20

cis-1,2-Dichloroethene

Concen: 22.181 ug/L

RT: 7.167 min Scan# 866

Delta R.T. 0.000 min

Lab File: VW031673.D

Acq: 31 Jan 2025 17:45

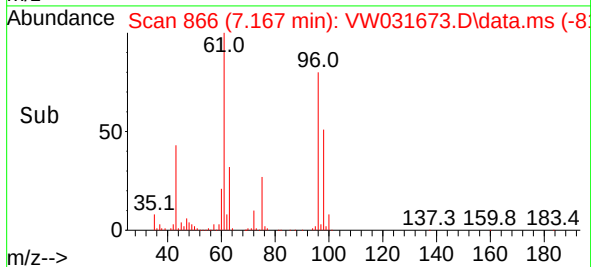
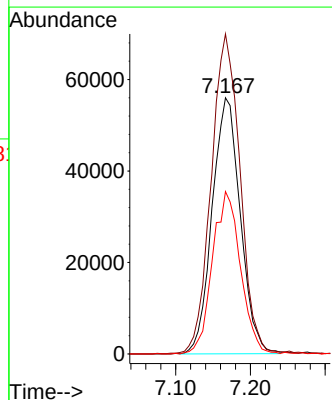
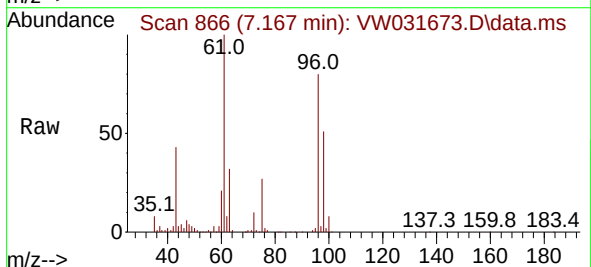
Tgt Ion: 96 Resp: 146557

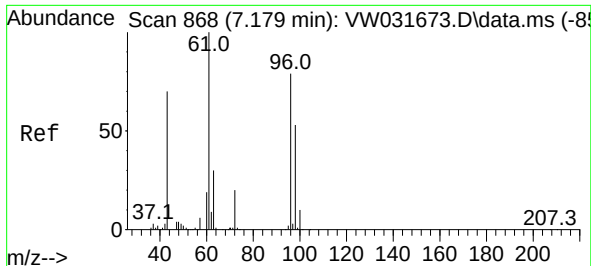
Ion Ratio Lower Upper

96 100

61 124.9 87.4 162.4

98 63.4 44.4 82.4





#22

2-Butanone

Concen: 67.606 ug/L

RT: 7.179 min Scan# 868

Delta R.T. 0.000 min

Lab File: VW031673.D

Acq: 31 Jan 2025 17:45

Instrument :

MSVOA_W

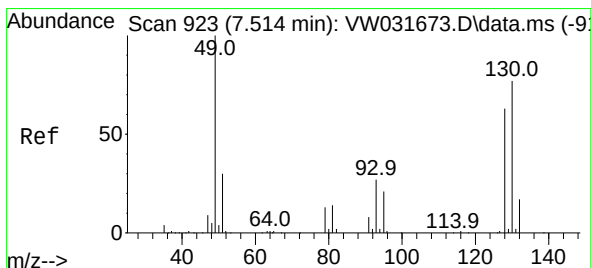
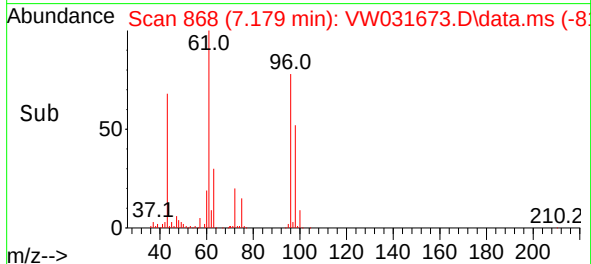
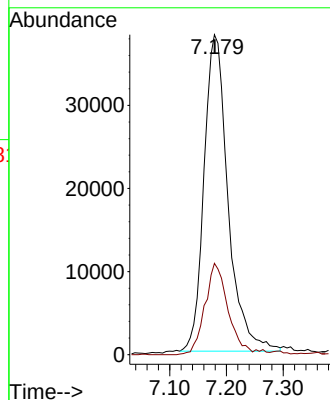
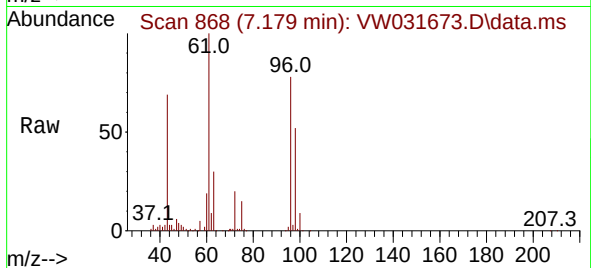
ClientSampleId :

Tgt Ion: 43 Resp: 111891

Ion Ratio Lower Upper

43 100

72 27.6 13.8 41.4



#23

Bromochloromethane

Concen: 18.152 ug/L

RT: 7.514 min Scan# 923

Delta R.T. 0.000 min

Lab File: VW031673.D

Acq: 31 Jan 2025 17:45

Tgt Ion: 128 Resp: 45198

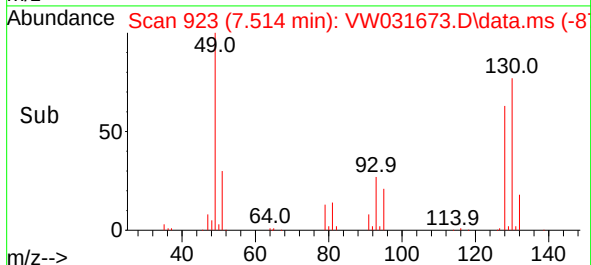
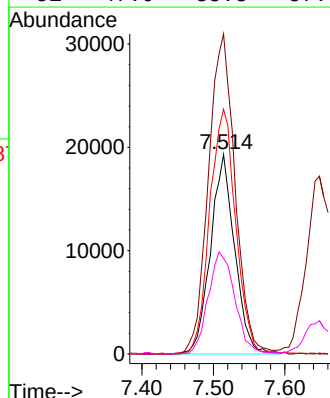
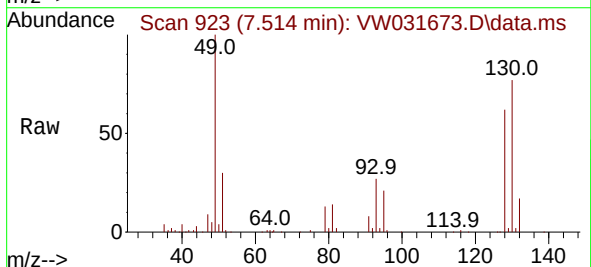
Ion Ratio Lower Upper

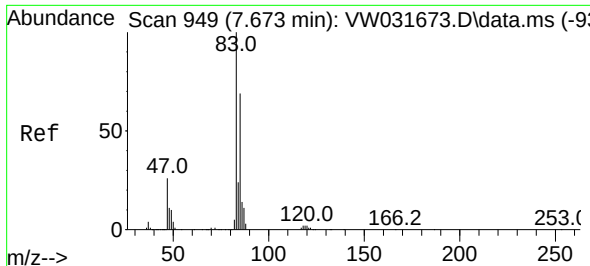
128 100

49 160.3 112.2 208.4

130 122.7 85.9 159.5

51 47.9 38.3 57.5





#25

Chloroform

Concen: 21.183 ug/L

RT: 7.673 min Scan# 949

Delta R.T. 0.000 min

Lab File: VW031673.D

Acq: 31 Jan 2025 17:45

Instrument :

MSVOA_W

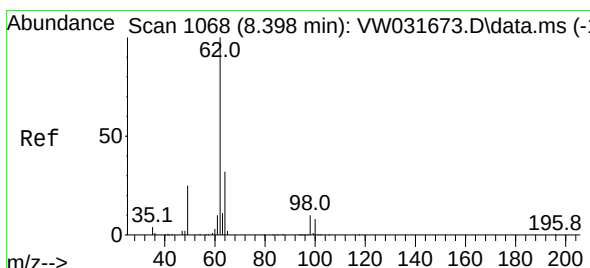
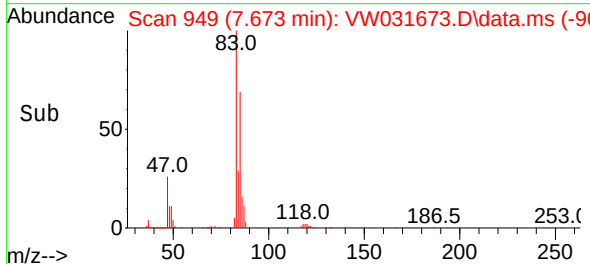
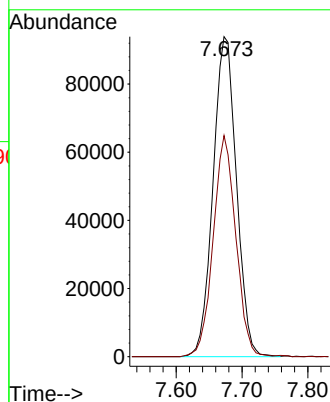
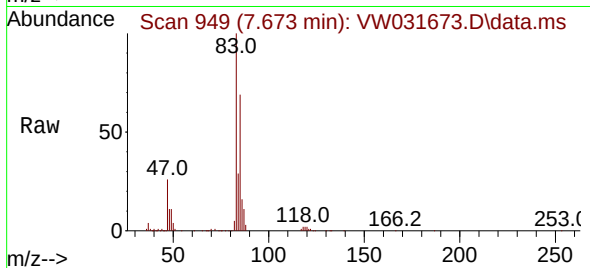
ClientSampleId :

Tgt Ion: 83 Resp: 232604

Ion Ratio Lower Upper

83 100

85 69.1 48.4 89.8



#27

1,2-Dichloroethane

Concen: 17.357 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. 0.000 min

Lab File: VW031673.D

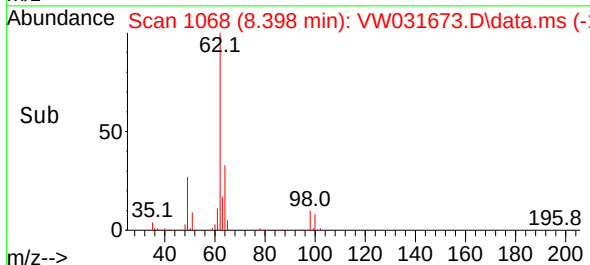
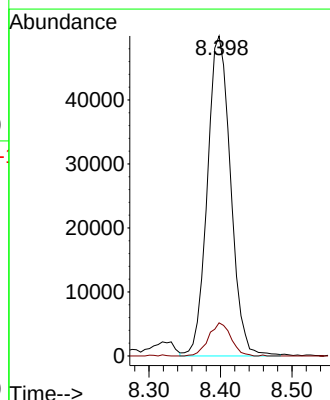
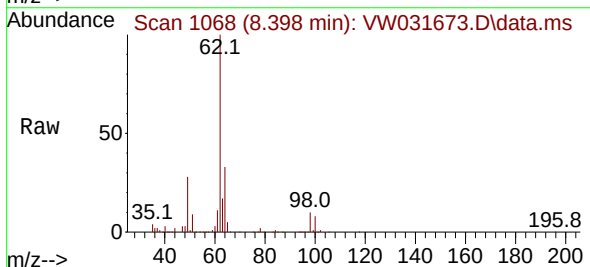
Acq: 31 Jan 2025 17:45

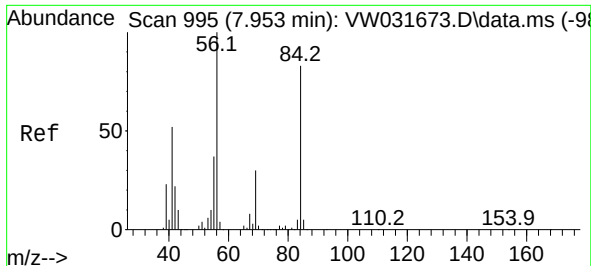
Tgt Ion: 62 Resp: 113065

Ion Ratio Lower Upper

62 100

98 10.4 8.3 12.5





#29

Cyclohexane

Concen: 31.813 ug/L

RT: 7.953 min Scan# 995

Delta R.T. 0.000 min

Lab File: VW031673.D

Acq: 31 Jan 2025 17:45

Instrument :

MSVOA_W

ClientSampleId :

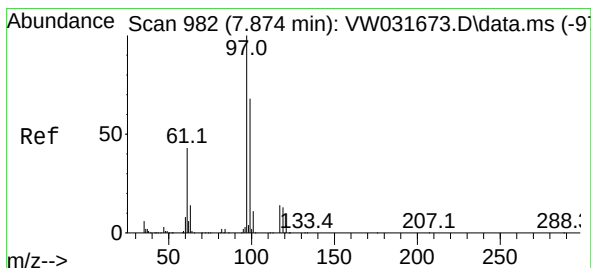
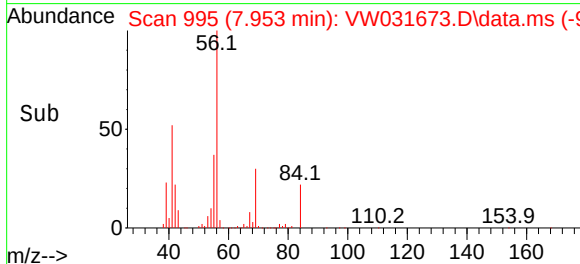
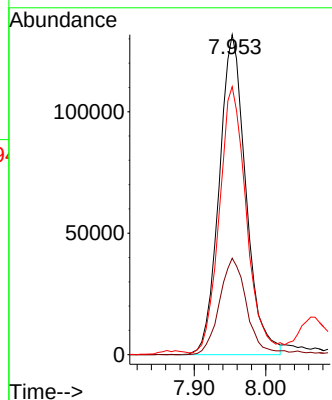
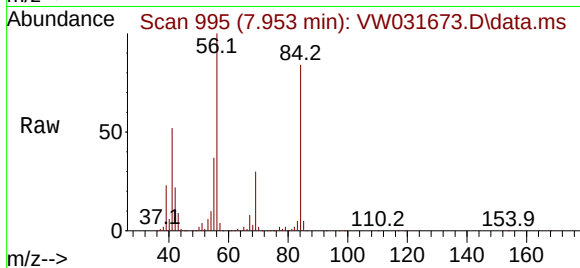
Tgt Ion: 56 Resp: 341530

Ion Ratio Lower Upper

56 100

69 30.3 24.2 36.4

84 84.8 67.8 101.8



#30

1,1,1-Trichloroethane

Concen: 28.192 ug/L

RT: 7.874 min Scan# 982

Delta R.T. 0.000 min

Lab File: VW031673.D

Acq: 31 Jan 2025 17:45

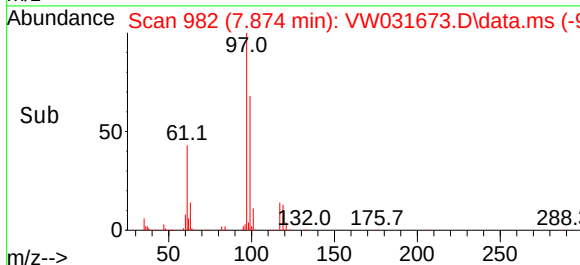
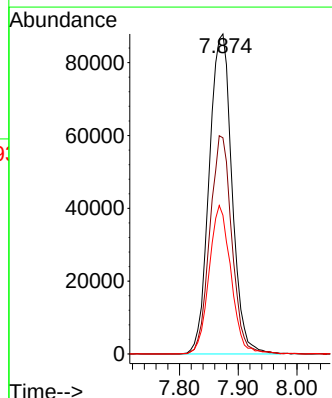
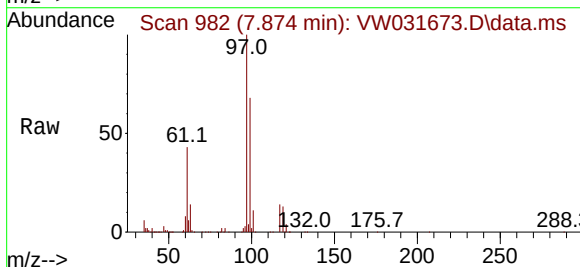
Tgt Ion: 97 Resp: 236676

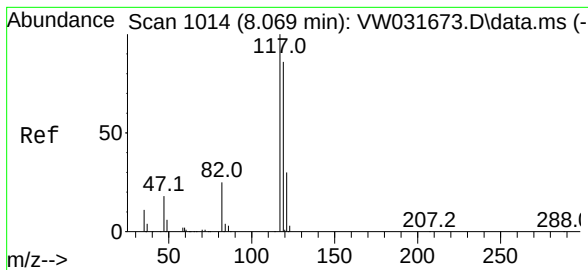
Ion Ratio Lower Upper

97 100

99 65.8 52.6 79.0

61 44.3 35.4 53.2

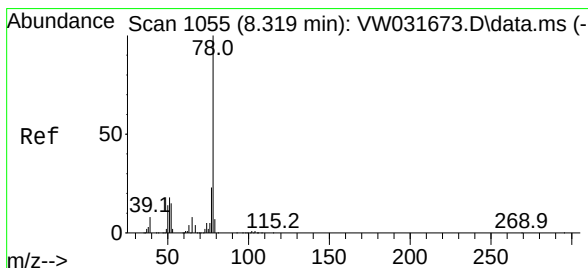
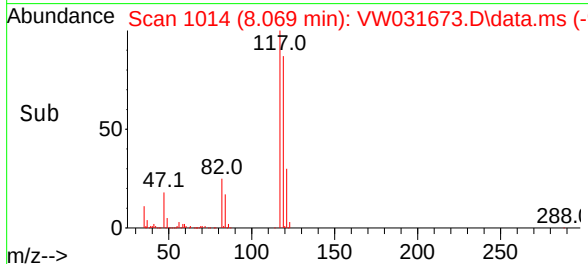
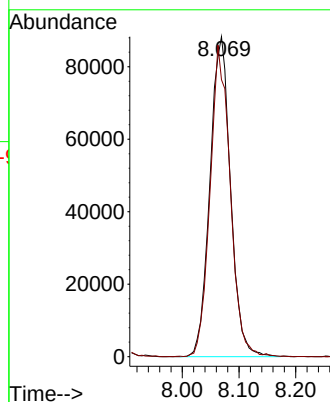
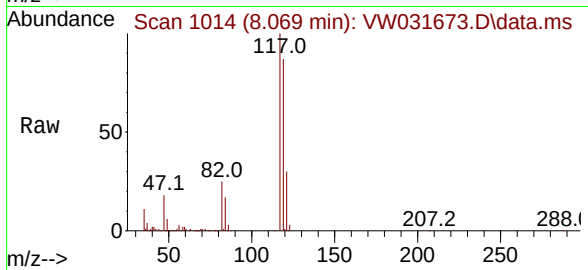




#31
Carbon tetrachloride
Concen: 29.482 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. 0.000 min
Lab File: VW031673.D
Acq: 31 Jan 2025 17:45

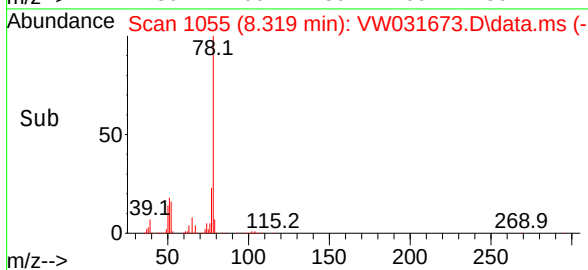
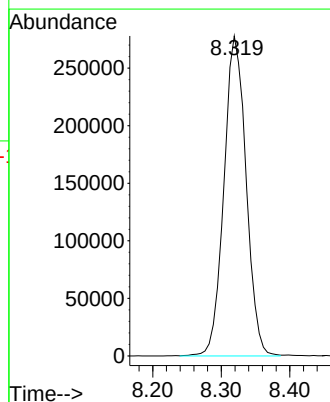
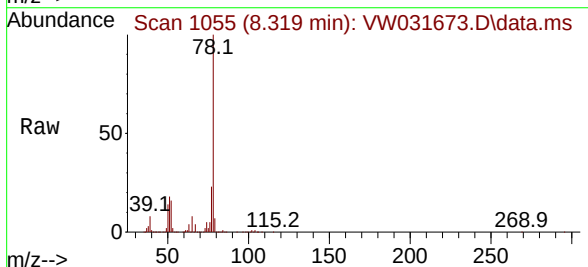
Instrument :
MSVOA_W
ClientSampleId :

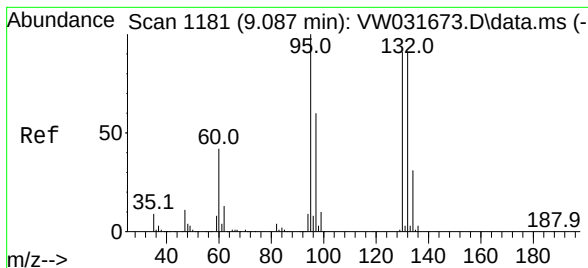
Tgt Ion:117 Resp: 222977
Ion Ratio Lower Upper
117 100
119 94.6 75.7 113.5



#33
Benzene
Concen: 28.156 ug/L
RT: 8.319 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VW031673.D
Acq: 31 Jan 2025 17:45

Tgt Ion: 78 Resp: 623281





#34

Trichloroethene

Concen: 30.008 ug/L

RT: 9.087 min Scan# 1181

Delta R.T. 0.000 min

Lab File: VW031673.D

Acq: 31 Jan 2025 17:45

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 181671

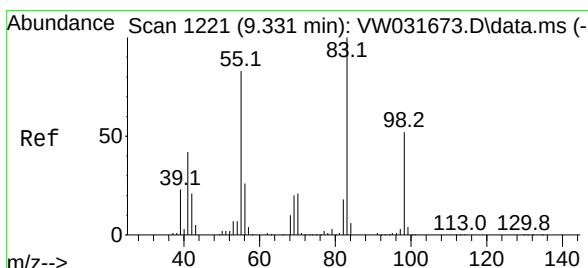
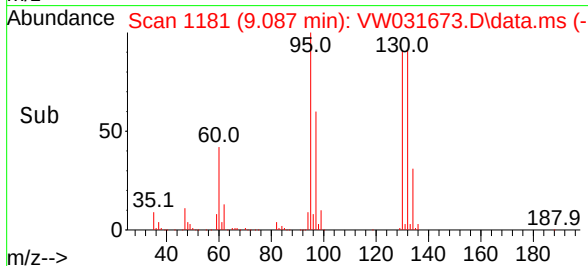
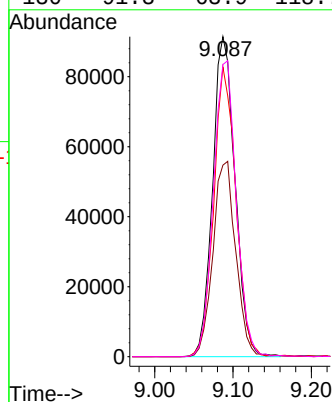
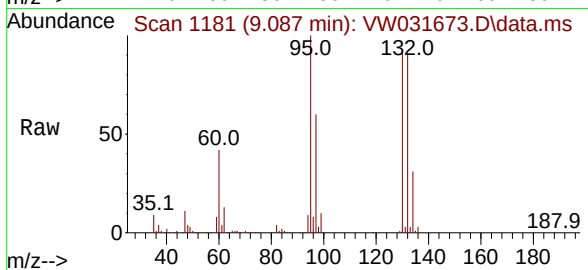
Ion Ratio Lower Upper

95 100

97 59.8 41.9 77.7

132 90.5 63.3 117.7

130 91.3 63.9 118.7



#35

Methylcyclohexane

Concen: 32.655 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. 0.000 min

Lab File: VW031673.D

Acq: 31 Jan 2025 17:45

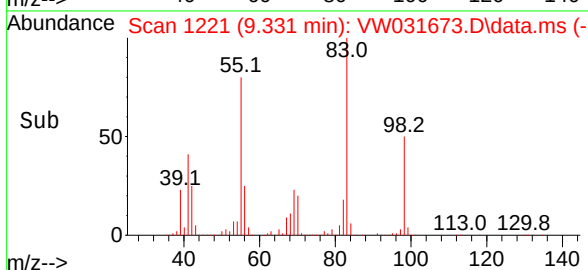
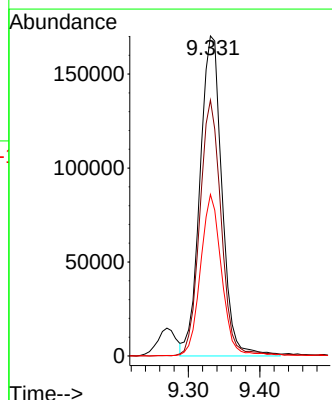
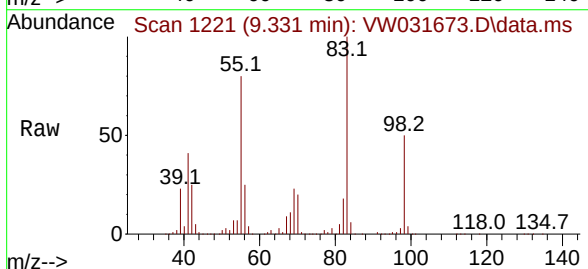
Tgt Ion: 83 Resp: 364655

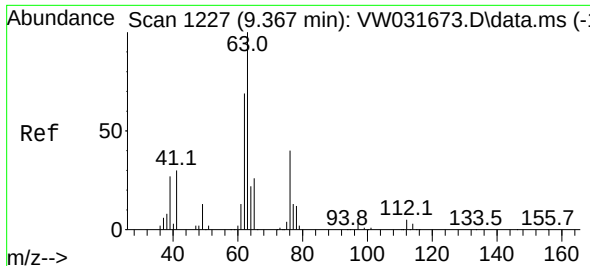
Ion Ratio Lower Upper

83 100

55 76.9 61.5 92.3

98 47.7 38.2 57.2





#37

1,2-Dichloropropane

Concen: 23.182 ug/L

RT: 9.367 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VW031673.D

Acq: 31 Jan 2025 17:45

Instrument :

MSVOA_W

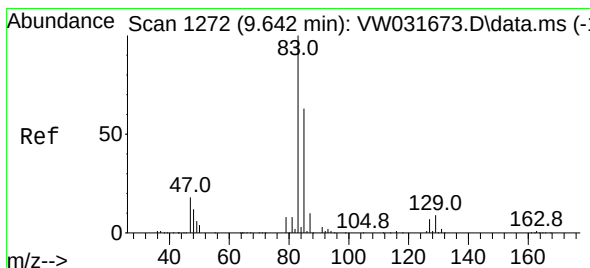
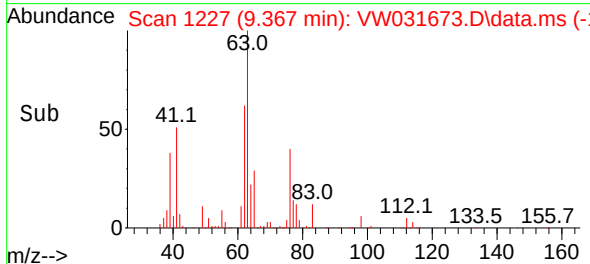
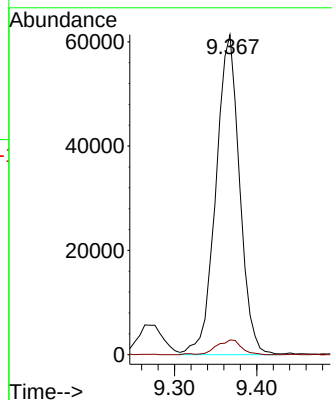
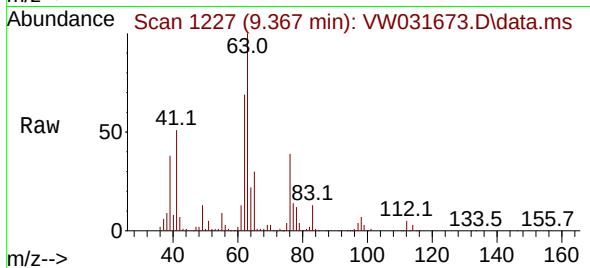
ClientSampleId :

Tgt Ion: 63 Resp: 122913

Ion Ratio Lower Upper

63 100

112 4.7 3.8 5.6



#38

Bromodichloromethane

Concen: 20.770 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW031673.D

Acq: 31 Jan 2025 17:45

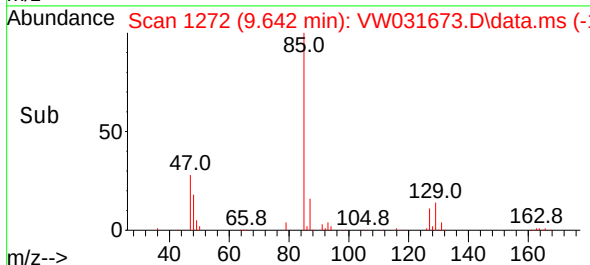
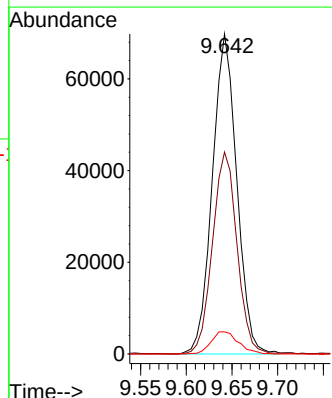
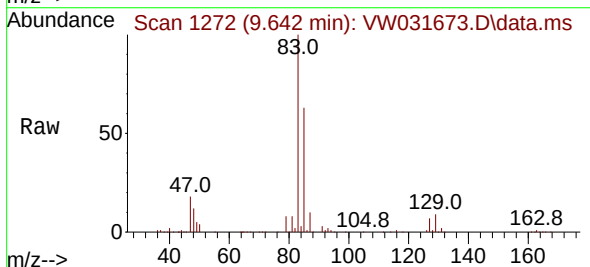
Tgt Ion: 83 Resp: 129714

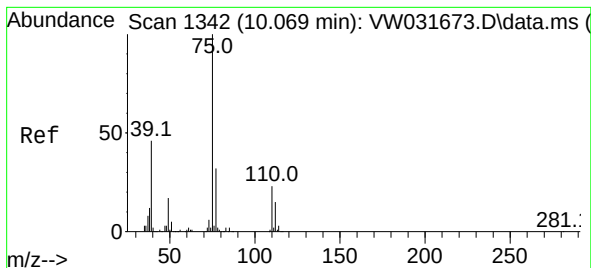
Ion Ratio Lower Upper

83 100

85 63.1 44.2 82.0

127 6.9 5.5 8.3

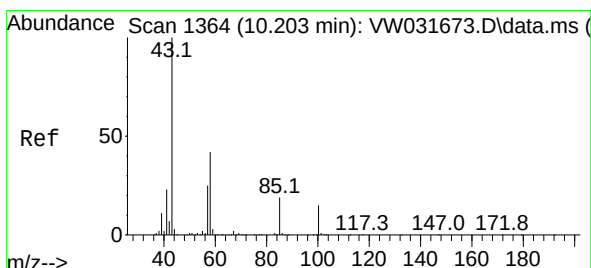
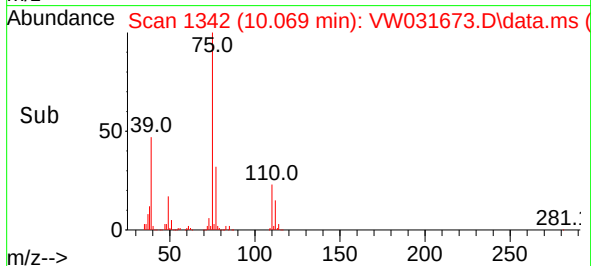
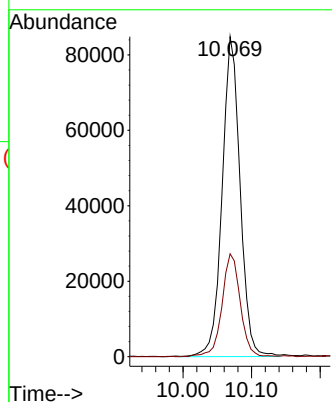
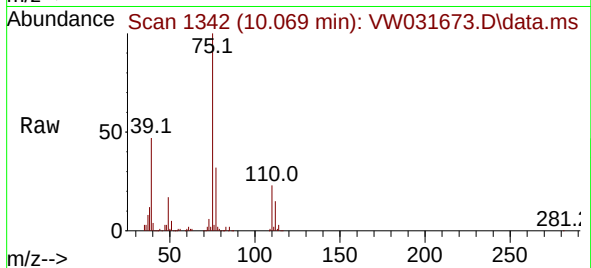




#39
cis-1,3-Dichloropropene
Concen: 19.279 ug/L
RT: 10.069 min Scan# 1342
Delta R.T. 0.000 min
Lab File: VW031673.D
Acq: 31 Jan 2025 17:45

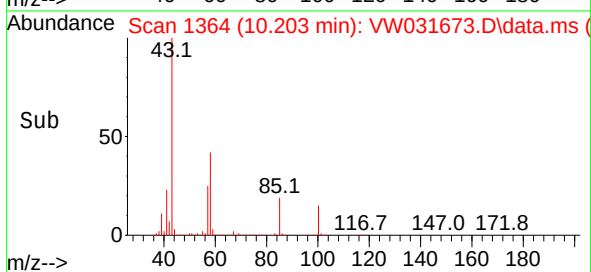
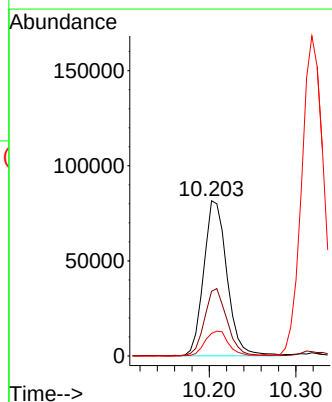
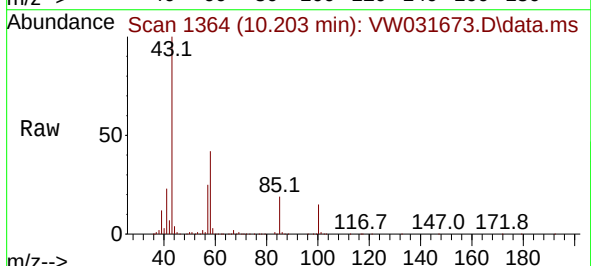
Instrument :
MSVOA_W
ClientSampleId :

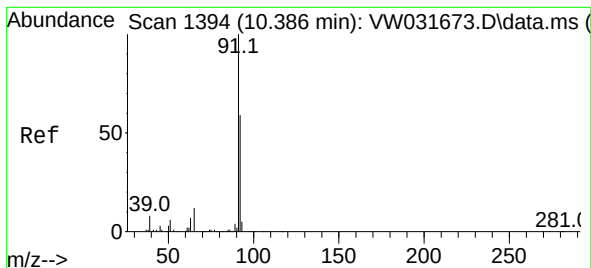
Tgt Ion: 75 Resp: 153961
Ion Ratio Lower Upper
75 100
77 32.2 22.5 41.9



#40
4-Methyl-2-pentanone
Concen: 54.734 ug/L
RT: 10.203 min Scan# 1364
Delta R.T. 0.000 min
Lab File: VW031673.D
Acq: 31 Jan 2025 17:45

Tgt Ion: 43 Resp: 152144
Ion Ratio Lower Upper
43 100
58 41.9 33.5 50.3
100 16.1 12.9 19.3





#42

Toluene

Concen: 28.010 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. 0.000 min

Lab File: VW031673.D

Acq: 31 Jan 2025 17:45

Instrument :

MSVOA_W

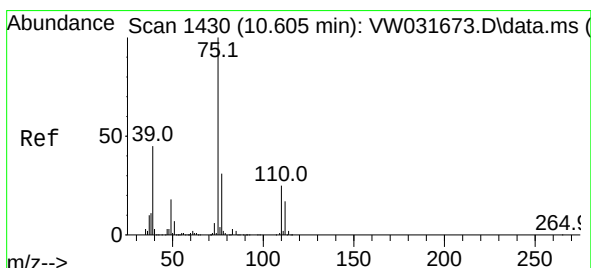
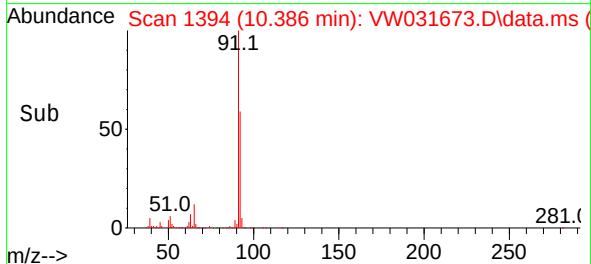
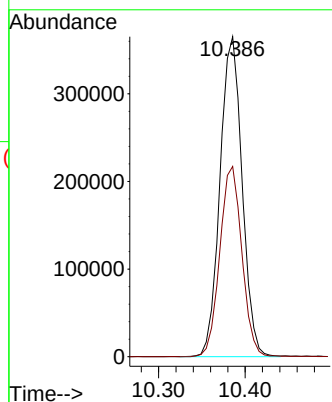
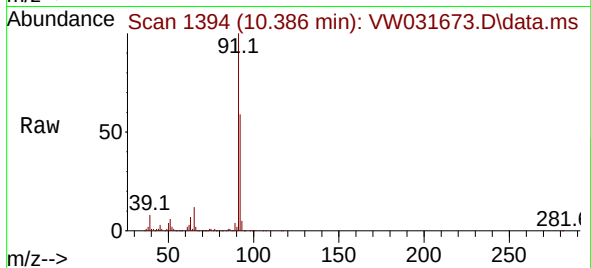
ClientSampleId :

Tgt Ion: 91 Resp: 647037

Ion Ratio Lower Upper

91 100

92 59.5 41.6 77.3



#44

trans-1,3-Dichloropropene

Concen: 17.901 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VW031673.D

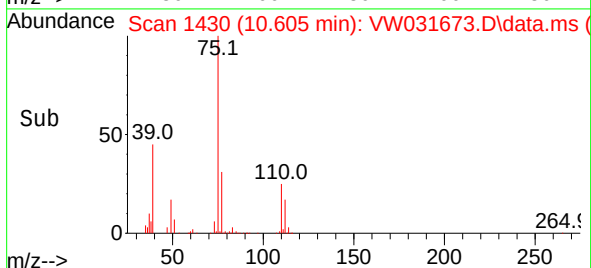
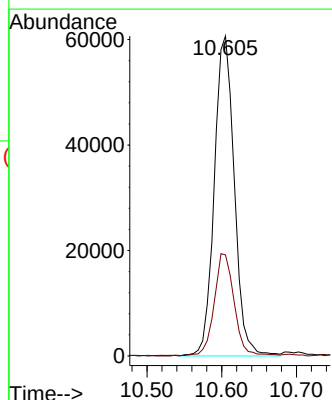
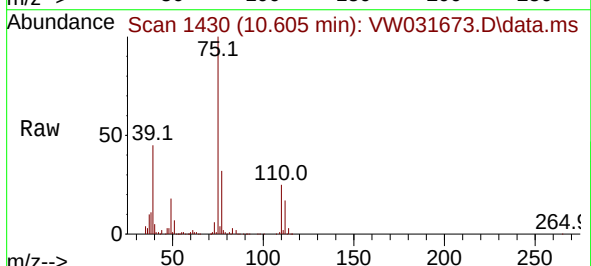
Acq: 31 Jan 2025 17:45

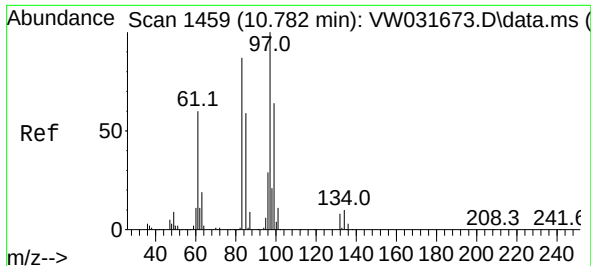
Tgt Ion: 75 Resp: 112871

Ion Ratio Lower Upper

75 100

77 31.6 22.1 41.1





#45

1,1,2-Trichloroethane

Concen: 21.306 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. 0.000 min

Lab File: VW031673.D

Acq: 31 Jan 2025 17:45

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 71015

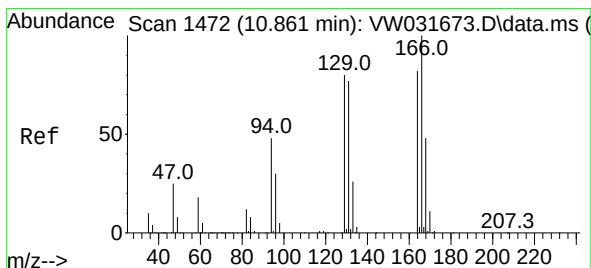
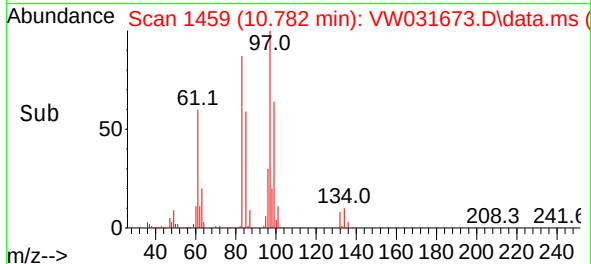
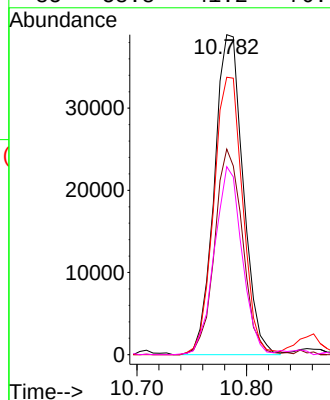
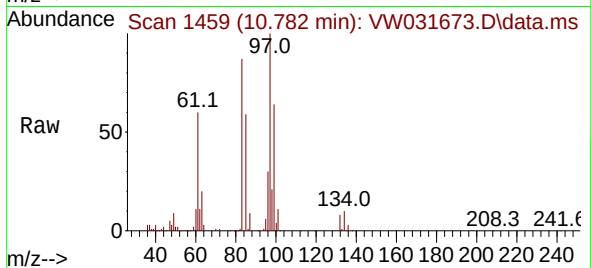
Ion Ratio Lower Upper

97 100

99 64.2 44.9 83.5

83 86.7 60.7 112.7

85 58.8 41.2 76.4



#46

Tetrachloroethene

Concen: 31.204 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VW031673.D

Acq: 31 Jan 2025 17:45

Tgt Ion:164 Resp: 137896

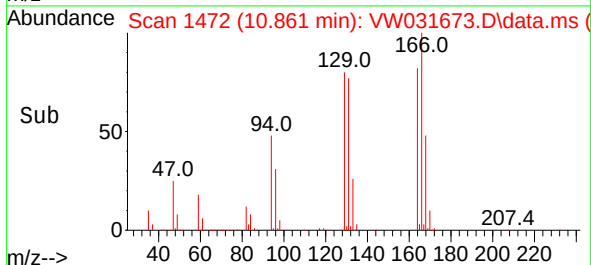
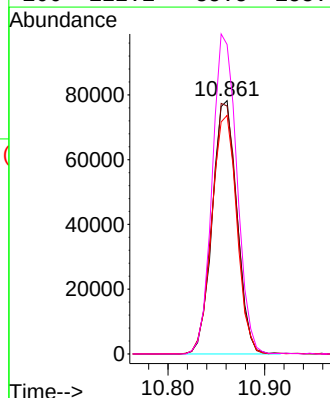
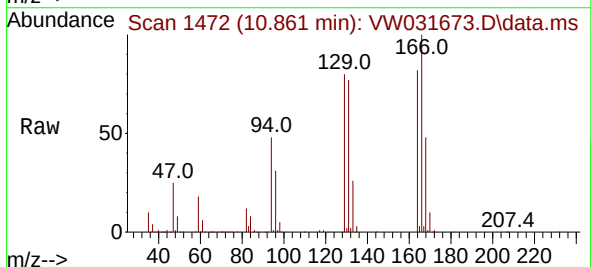
Ion Ratio Lower Upper

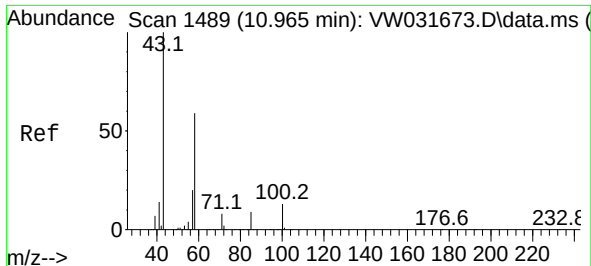
164 100

129 97.9 68.5 127.3

131 94.2 65.9 122.5

166 122.1 85.5 158.7





#48

2-Hexanone

Concen: 65.993 ug/L

RT: 10.965 min Scan# 1489

Delta R.T. 0.000 min

Lab File: VW031673.D

Acq: 31 Jan 2025 17:45

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 43 Resp: 117685

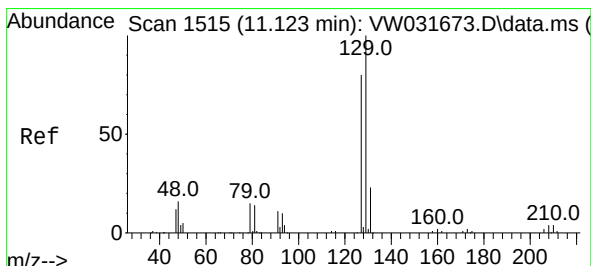
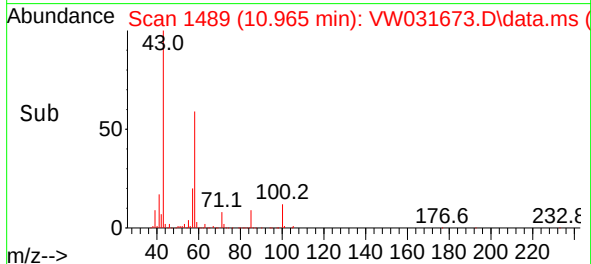
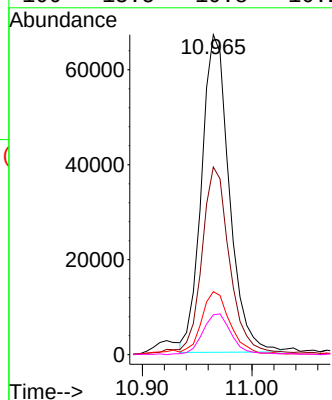
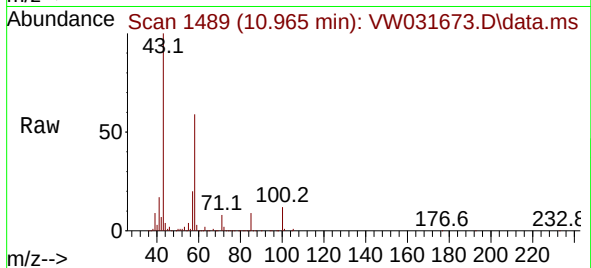
Ion Ratio Lower Upper

43 100

58 57.5 46.0 69.0

57 20.5 16.4 24.6

100 13.5 10.8 16.2



#49

Dibromochloromethane

Concen: 18.660 ug/L

RT: 11.123 min Scan# 1515

Delta R.T. 0.000 min

Lab File: VW031673.D

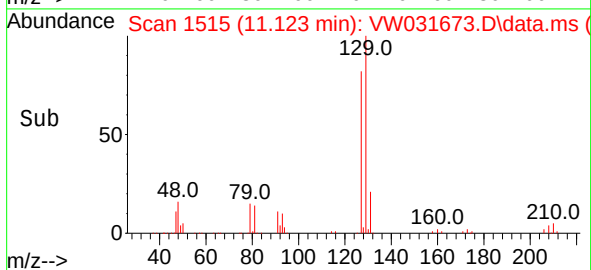
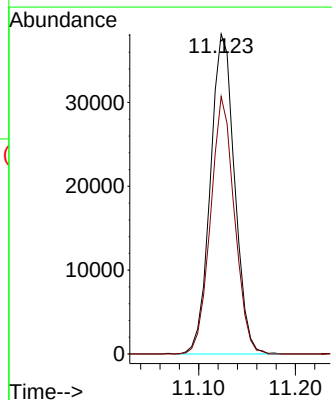
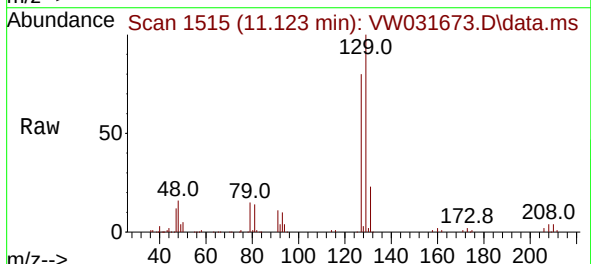
Acq: 31 Jan 2025 17:45

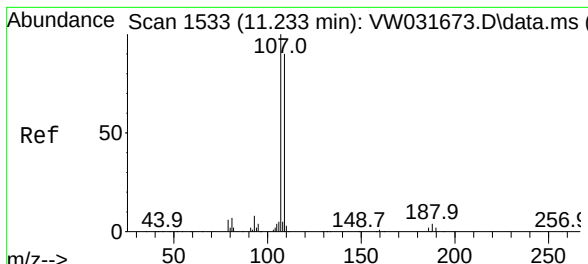
Tgt Ion:129 Resp: 66435

Ion Ratio Lower Upper

129 100

127 80.5 56.4 104.7



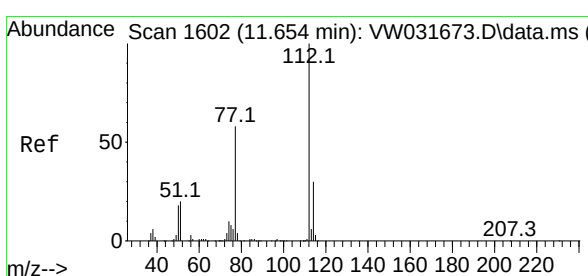
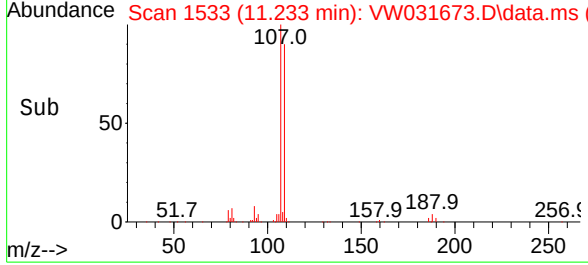
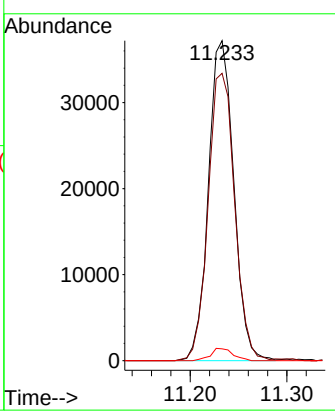
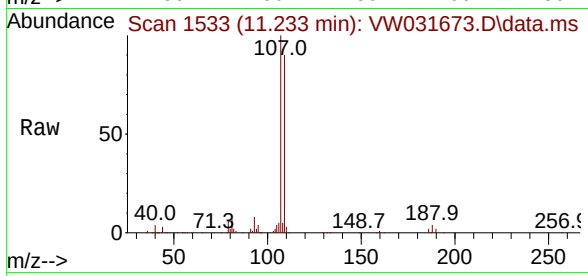


#50
 1,2-Dibromoethane
 Concen: 21.866 ug/L
 RT: 11.233 min Scan# 1533
 Delta R.T. 0.000 min
 Lab File: VW031673.D
 Acq: 31 Jan 2025 17:45

Instrument :
 MSVOA_W
 ClientSampleId :

Tgt Ion:107 Resp: 67719

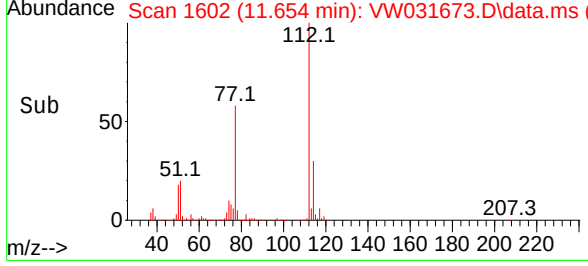
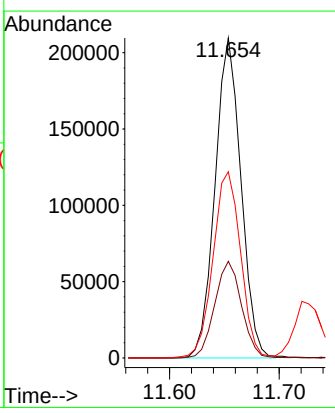
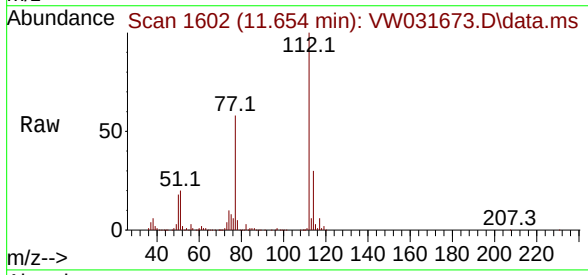
Ion	Ratio	Lower	Upper
107	100		
109	89.8	62.9	116.7
188	3.7	3.0	4.4

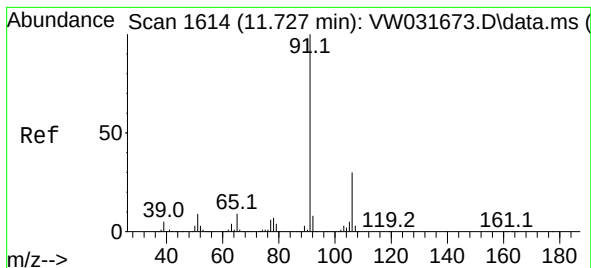


#51
 Chlorobenzene
 Concen: 24.994 ug/L
 RT: 11.654 min Scan# 1602
 Delta R.T. 0.000 min
 Lab File: VW031673.D
 Acq: 31 Jan 2025 17:45

Tgt Ion:112 Resp: 344720

Ion	Ratio	Lower	Upper
112	100		
114	30.2	21.1	39.3
77	58.2	46.6	69.8

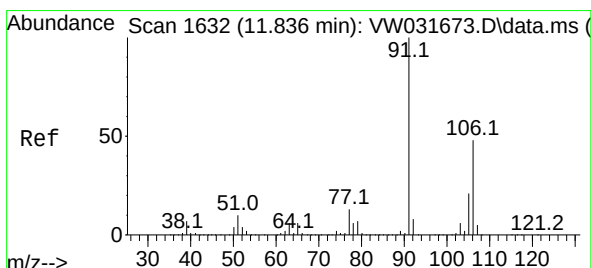
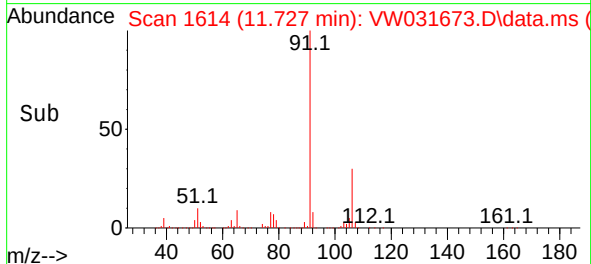
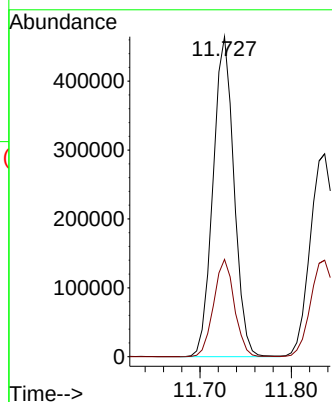
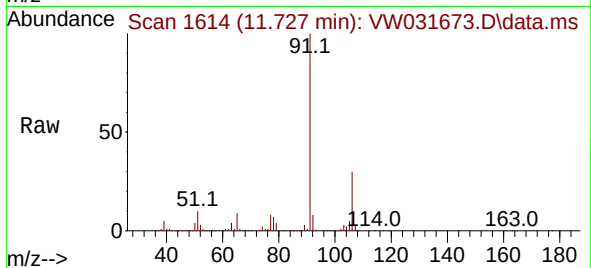




#52
Ethylbenzene
Concen: 27.951 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW031673.D
Acq: 31 Jan 2025 17:45

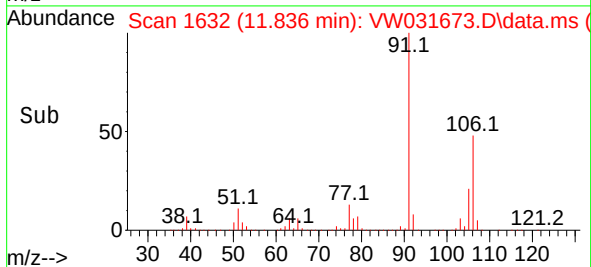
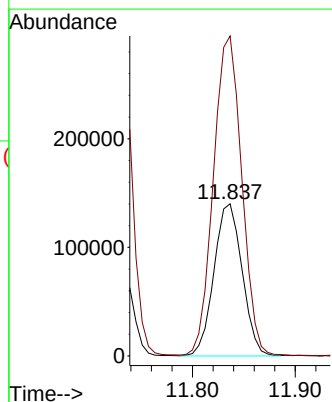
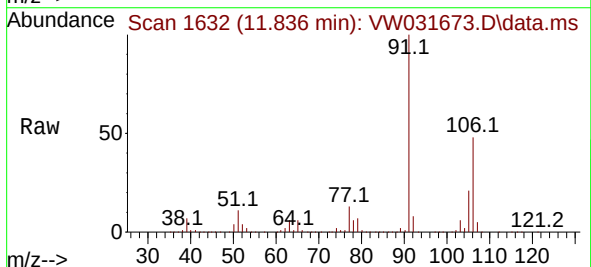
Instrument :
MSVOA_W
ClientSampleId :

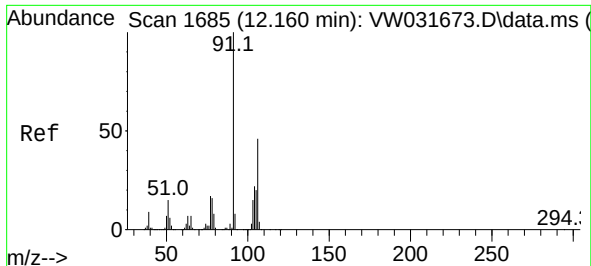
Tgt Ion: 91 Resp: 739943
Ion Ratio Lower Upper
91 100
106 30.4 21.3 39.5



#53
m,p-Xylene
Concen: 26.738 ug/L
RT: 11.836 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW031673.D
Acq: 31 Jan 2025 17:45

Tgt Ion:106 Resp: 266709
Ion Ratio Lower Upper
106 100
91 210.3 147.2 273.4

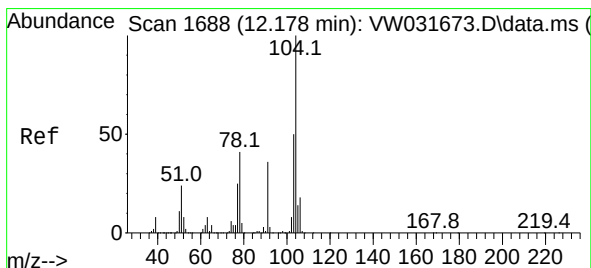
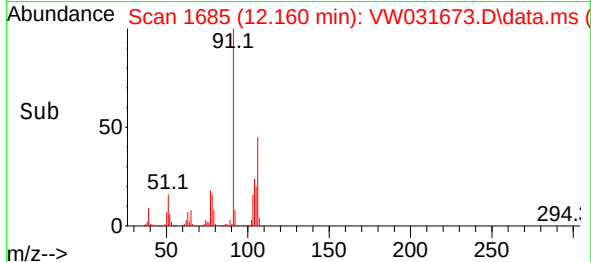
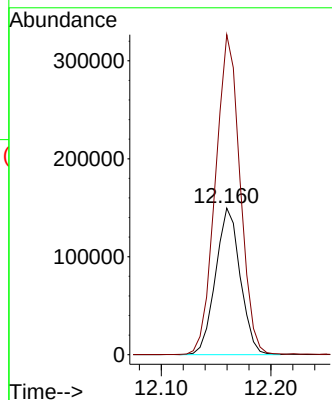
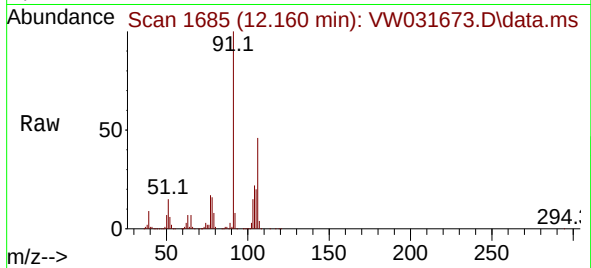




#54
o-Xylene
Concen: 25.569 ug/L
RT: 12.160 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VW031673.D
Acq: 31 Jan 2025 17:45

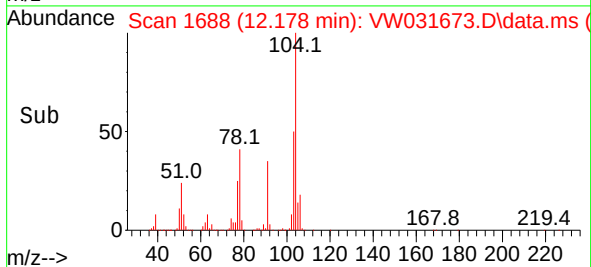
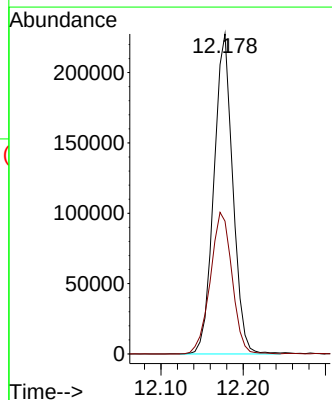
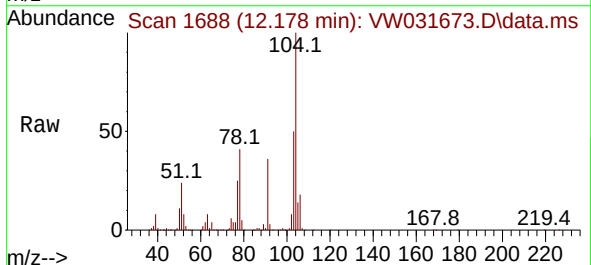
Instrument :
MSVOA_W
ClientSampleId :

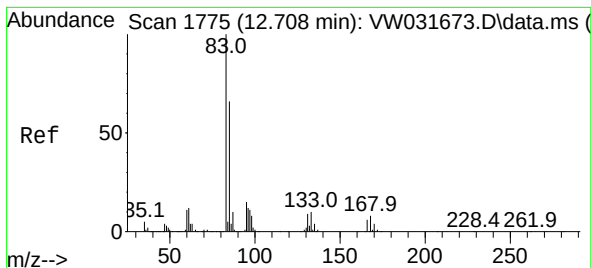
Tgt Ion:106 Resp: 234314
Ion Ratio Lower Upper
106 100
91 218.2 152.7 283.7



#55
Styrene
Concen: 24.336 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW031673.D
Acq: 31 Jan 2025 17:45

Tgt Ion:104 Resp: 363898
Ion Ratio Lower Upper
104 100
78 41.5 29.0 53.9

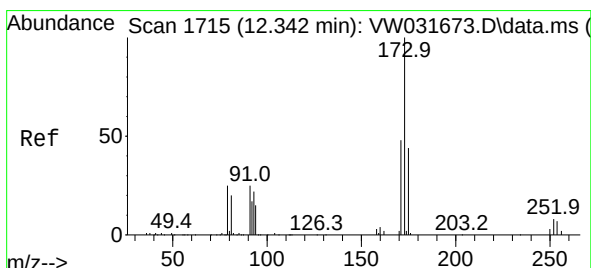
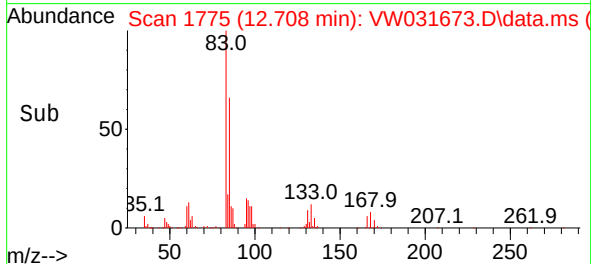
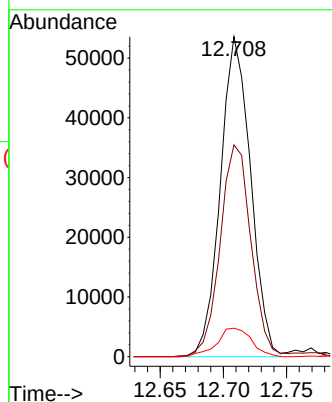
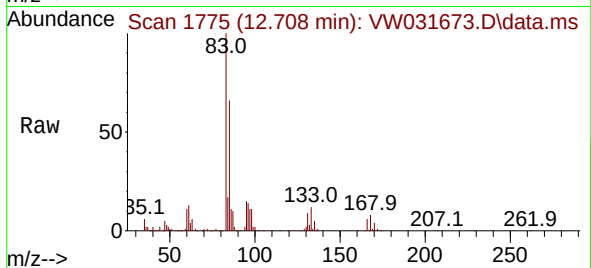




#57
1,1,2,2-Tetrachloroethane
Concen: 23.649 ug/L
RT: 12.708 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VW031673.D
Acq: 31 Jan 2025 17:45

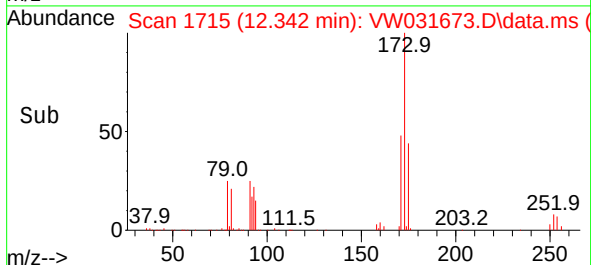
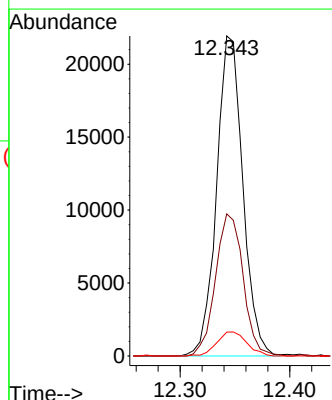
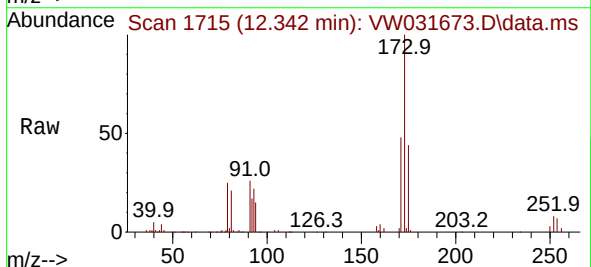
Instrument :
MSVOA_W
ClientSampleId :

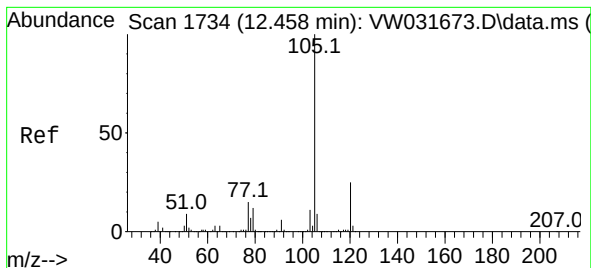
Tgt Ion: 83 Resp: 88997
Ion Ratio Lower Upper
83 100
85 66.2 46.3 86.1
131 8.9 7.1 10.7



#59
Bromoform
Concen: 21.557 ug/L
RT: 12.342 min Scan# 1715
Delta R.T. 0.000 min
Lab File: VW031673.D
Acq: 31 Jan 2025 17:45

Tgt Ion:173 Resp: 36539
Ion Ratio Lower Upper
173 100
175 46.6 37.3 55.9
254 8.6 6.9 10.3





#60

Isopropylbenzene

Concen: 31.202 ug/L

RT: 12.458 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW031673.D

Acq: 31 Jan 2025 17:45

Instrument :

MSVOA_W

ClientSampleId :

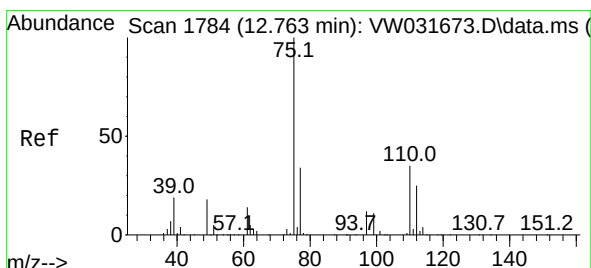
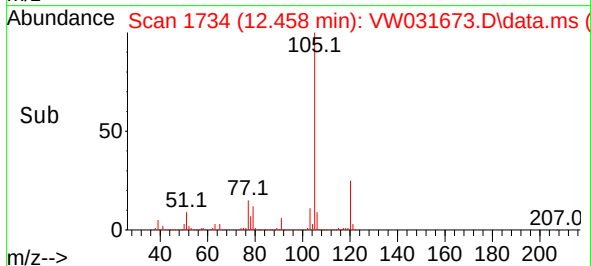
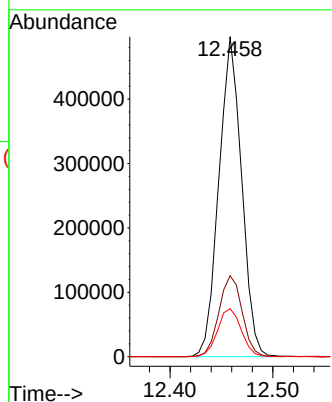
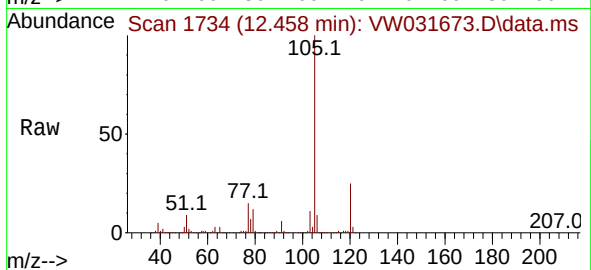
Tgt Ion:105 Resp: 761859

Ion Ratio Lower Upper

105 100

120 25.9 20.7 31.1

77 15.7 12.6 18.8



#61

1,2,3-Trichloropropane

Concen: 27.763 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VW031673.D

Acq: 31 Jan 2025 17:45

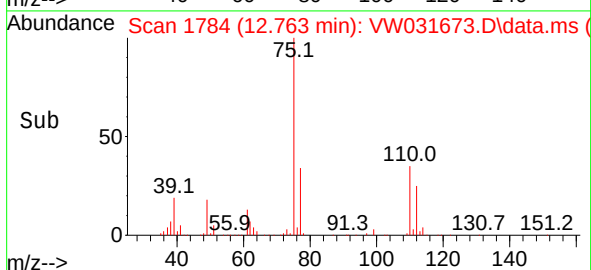
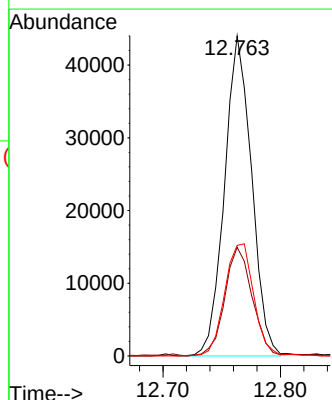
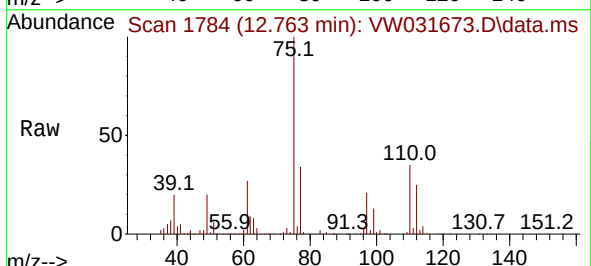
Tgt Ion: 75 Resp: 70460

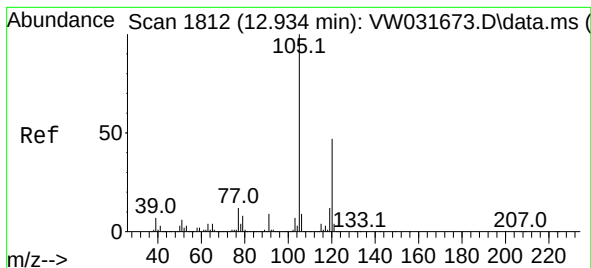
Ion Ratio Lower Upper

75 100

77 34.3 27.4 41.2

110 37.3 29.8 44.8

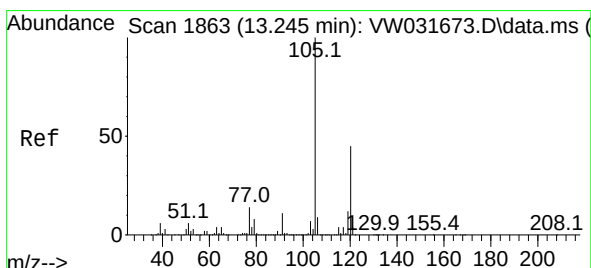
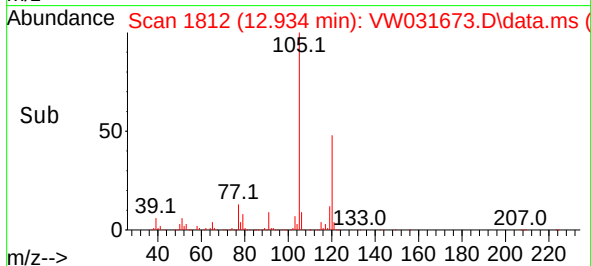
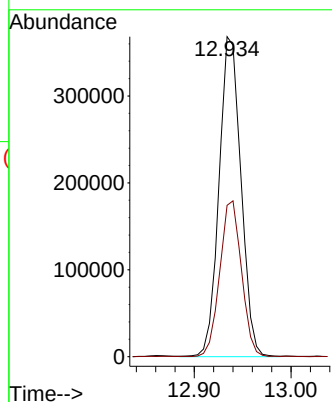
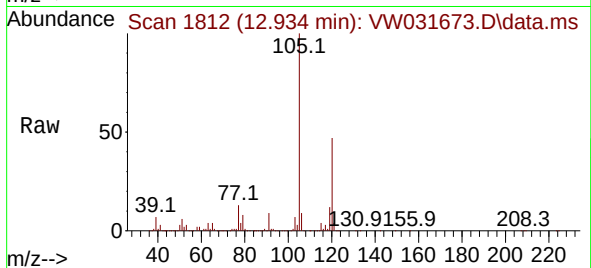




#62
 1,3,5-Trimethylbenzene
 Concen: 29.408 ug/L
 RT: 12.934 min Scan# 1812
 Delta R.T. 0.000 min
 Lab File: VW031673.D
 Acq: 31 Jan 2025 17:45

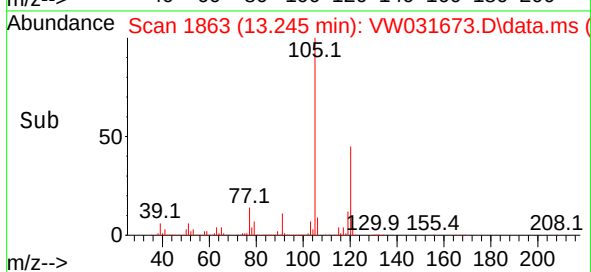
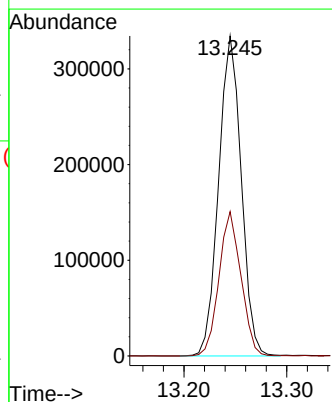
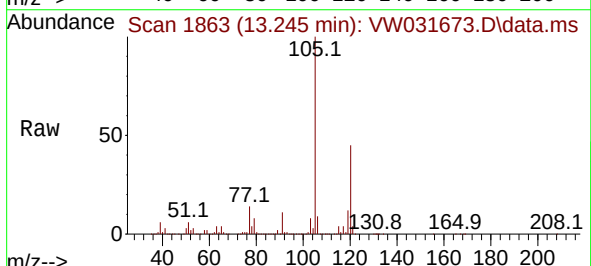
Instrument :
 MSVOA_W
 ClientSampleId :

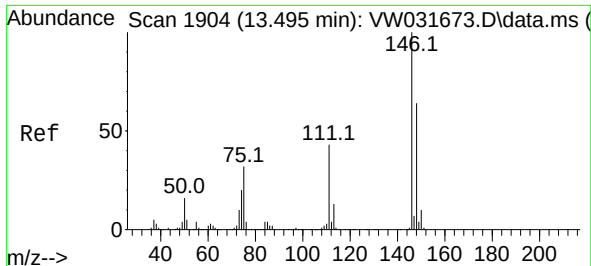
Tgt Ion:105 Resp: 579333
 Ion Ratio Lower Upper
 105 100
 120 48.2 38.6 57.8



#63
 1,2,4-Trimethylbenzene
 Concen: 27.203 ug/L
 RT: 13.245 min Scan# 1863
 Delta R.T. 0.000 min
 Lab File: VW031673.D
 Acq: 31 Jan 2025 17:45

Tgt Ion:105 Resp: 510899
 Ion Ratio Lower Upper
 105 100
 120 43.9 35.1 52.7

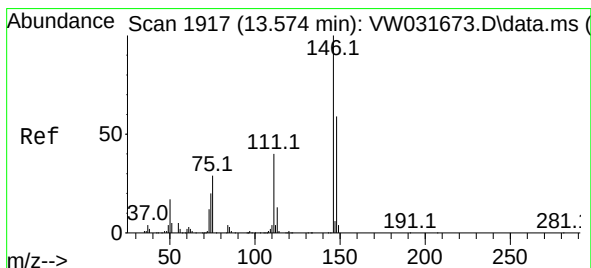
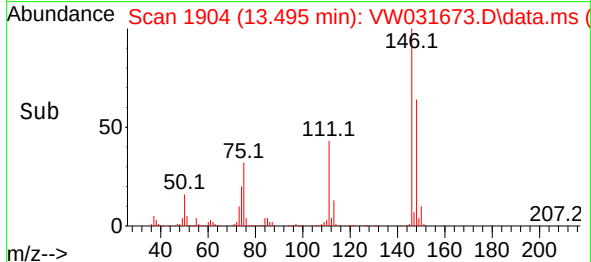
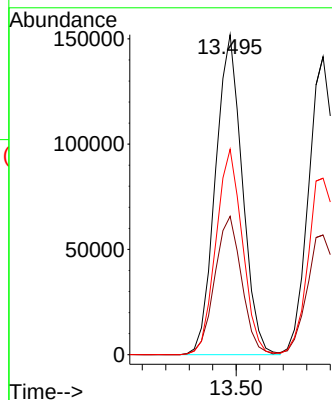
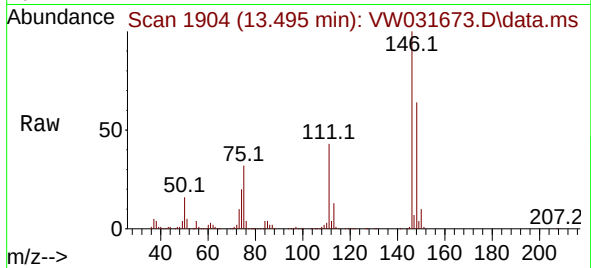




#64
1,3-Dichlorobenzene
Concen: 26.153 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW031673.D
Acq: 31 Jan 2025 17:45

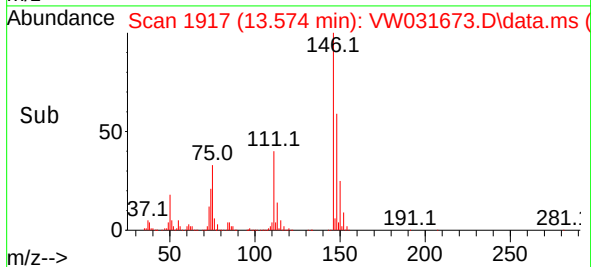
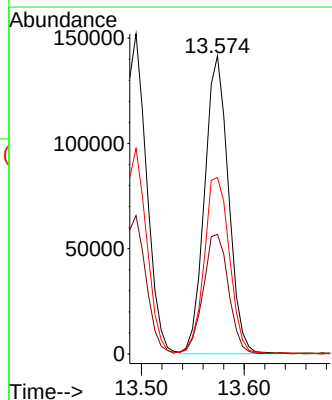
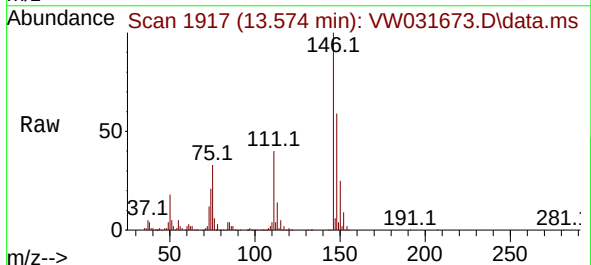
Instrument :
MSVOA_W
ClientSampleId :

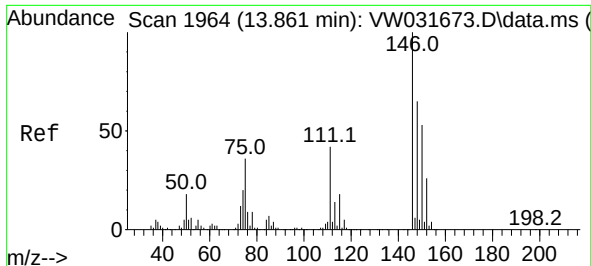
Tgt Ion:146 Resp: 241529
Ion Ratio Lower Upper
146 100
111 43.2 30.2 56.2
148 64.2 44.9 83.5



#65
1,4-Dichlorobenzene
Concen: 25.193 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW031673.D
Acq: 31 Jan 2025 17:45

Tgt Ion:146 Resp: 228430
Ion Ratio Lower Upper
146 100
111 40.2 28.1 52.3
148 59.2 41.4 77.0

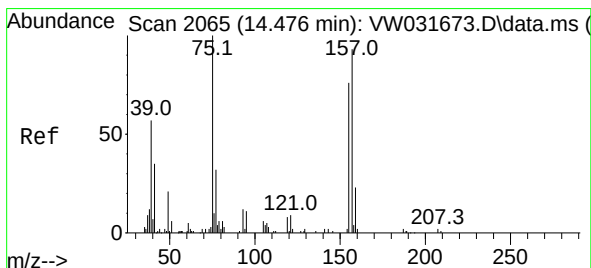
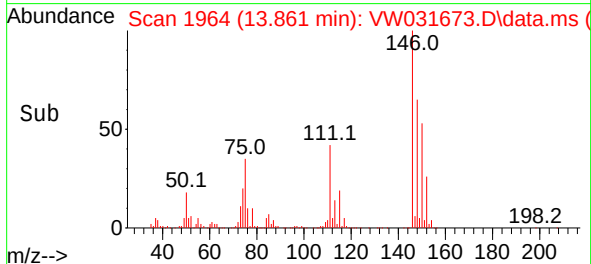
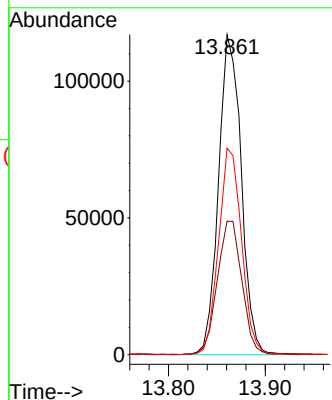
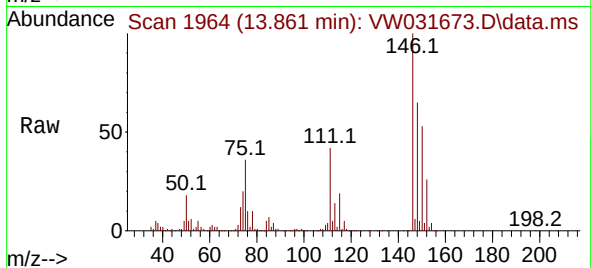




#67
1,2-Dichlorobenzene
Concen: 24.467 ug/L
RT: 13.861 min Scan# 1964
Delta R.T. 0.000 min
Lab File: VW031673.D
Acq: 31 Jan 2025 17:45

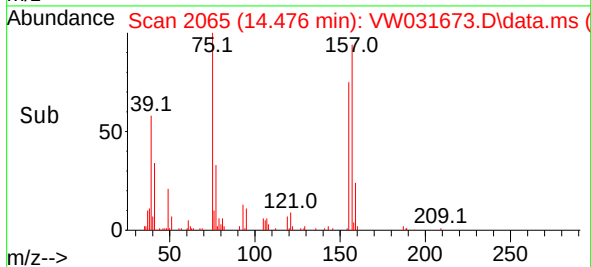
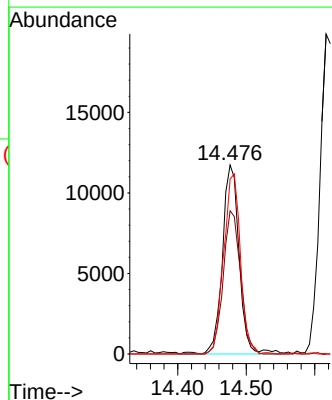
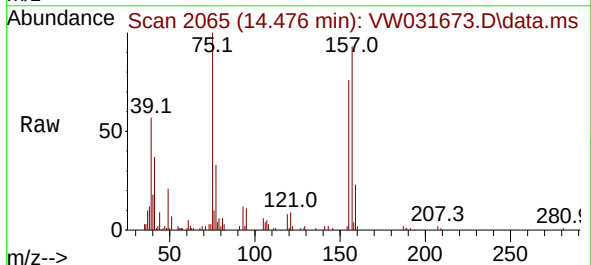
Instrument :
MSVOA_W
ClientSampleId :

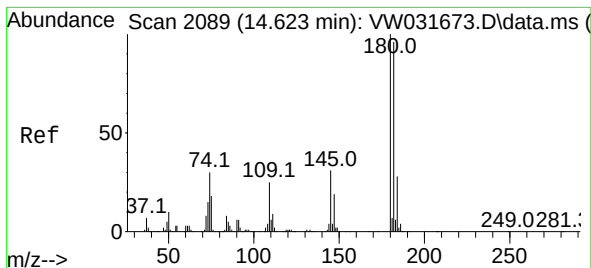
Tgt Ion:146 Resp: 190171
Ion Ratio Lower Upper
146 100
111 41.7 33.4 50.0
148 64.5 51.6 77.4



#68
1,2-Dibromo-3-chloropropane
Concen: 33.040 ug/L
RT: 14.476 min Scan# 2065
Delta R.T. 0.000 min
Lab File: VW031673.D
Acq: 31 Jan 2025 17:45

Tgt Ion: 75 Resp: 19863
Ion Ratio Lower Upper
75 100
155 75.8 60.6 91.0
157 92.6 74.1 111.1





#69

1,3,5-Trichlorobenzene

Concen: 25.905 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

Lab File: VW031673.D

Acq: 31 Jan 2025 17:45

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:180 Resp: 161275

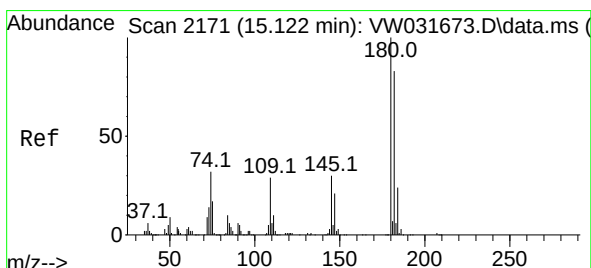
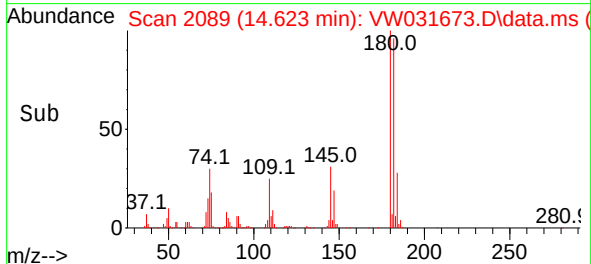
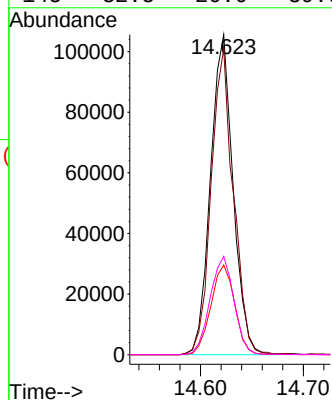
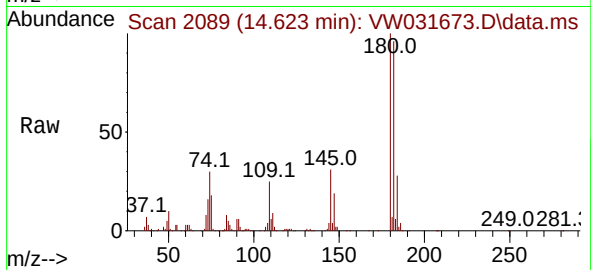
Ion Ratio Lower Upper

180 100

182 93.9 75.1 112.7

184 29.6 23.7 35.5

145 32.5 26.0 39.0



#70

1,2,4-trichlorobenzene

Concen: 23.993 ug/L

RT: 15.122 min Scan# 2171

Delta R.T. 0.000 min

Lab File: VW031673.D

Acq: 31 Jan 2025 17:45

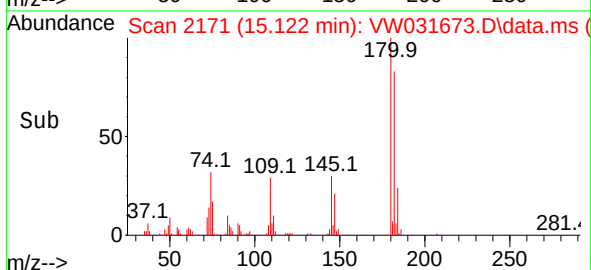
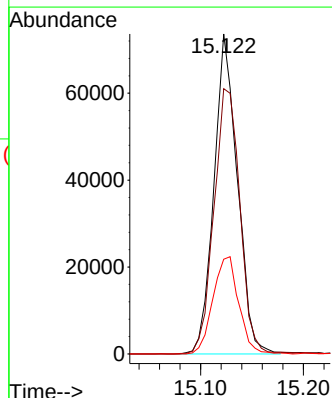
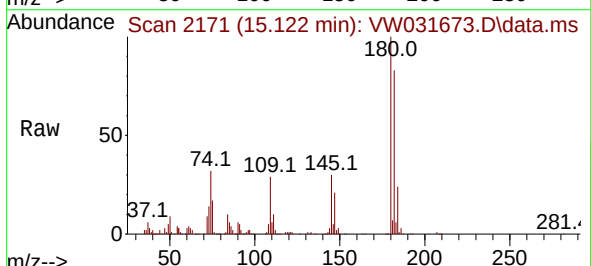
Tgt Ion:180 Resp: 116703

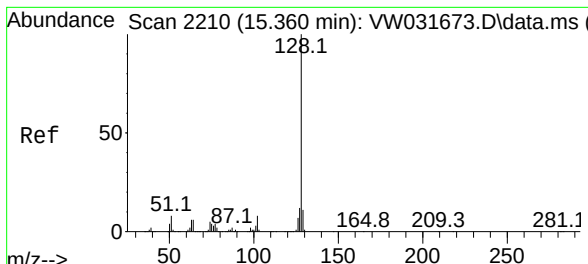
Ion Ratio Lower Upper

180 100

182 91.2 73.0 109.4

145 33.4 26.7 40.1



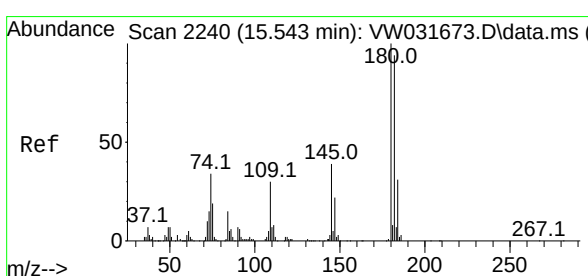
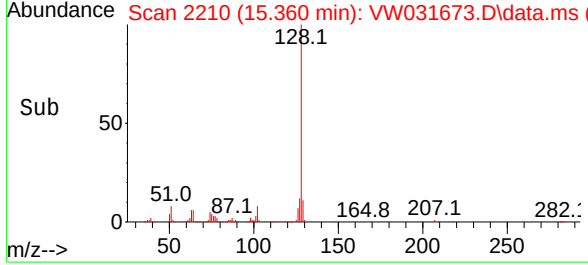
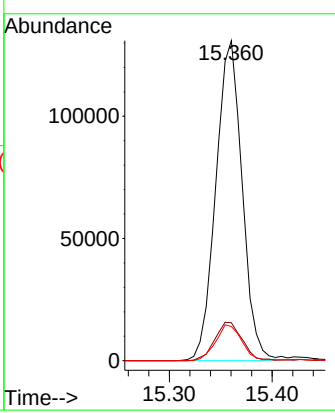
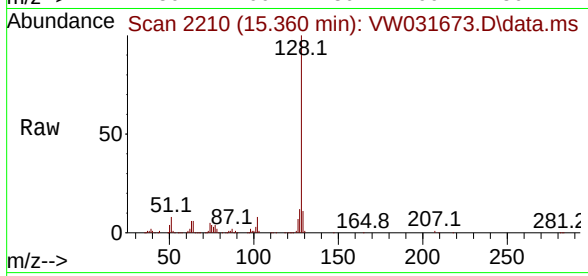


#71
 Naphthalene
 Concen: 25.148 ug/L
 RT: 15.360 min Scan# 2210
 Delta R.T. 0.000 min
 Lab File: VW031673.D
 Acq: 31 Jan 2025 17:45

Instrument :
 MSVOA_W
 ClientSampleId :

Tgt Ion:128 Resp: 232469

Ion	Ratio	Lower	Upper
128	100		
127	12.4	9.9	14.9
129	11.2	9.0	13.4



#72
 1,2,3-Trichlorobenzene
 Concen: 23.033 ug/L
 RT: 15.543 min Scan# 2240
 Delta R.T. 0.000 min
 Lab File: VW031673.D
 Acq: 31 Jan 2025 17:45

Tgt Ion:180 Resp: 94855

Ion	Ratio	Lower	Upper
180	100		
182	97.8	78.2	117.4
145	37.8	30.2	45.4

