

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW013125\
 Data File : VW031672.D
 Acq On : 31 Jan 2025 17:21
 Operator : SY/MD
 Sample : VSTD005
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Feb 03 07:32:31 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	8.837	114	434745	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	309482	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	140618	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	43650	6.604	ug/L	0.00
7) Chloroethane-d5	2.893	69	27994	5.993	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.167	65	165	0.056	ug/L	0.15
21) 2-Butanone-d5	7.100	46	23771	18.950	ug/L	0.00
24) Chloroform-d	7.642	84	56402	5.300	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	22521	4.517	ug/L	0.00
32) Benzene-d6	8.276	84	126222	6.567	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.270	67	31369	5.734	ug/L	0.00
41) Toluene-d8	10.319	98	114333	6.632	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.581	79	8413	3.972	ug/L	0.00
47) 2-Hexanone-d5	10.928	63	10652	16.461	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.684	84	23132	6.697	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.849	152	26626	5.612	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.009	85	22775	3.940	ug/L #	73
3) Chloromethane	2.216	50	31524	5.396	ug/L	96
5) Vinyl chloride	2.375	62	39074	5.164	ug/L	98
6) Bromomethane	2.783	94	19451	4.559	ug/L	96
8) Chloroethane	2.930	64	19744	4.601	ug/L	92
9) Trichlorofluoromethane	3.259	101	29400	4.086	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	28617	4.865	ug/L	97
12) 1,1-Dichloroethene	4.143	96	888	0.149	ug/L	77
13) Acetone	4.155	43	19324	19.333	ug/L	97
14) Carbon disulfide	4.393	76	101570	5.141	ug/L	99
15) Methyl Acetate	4.686	43	16559	6.983	ug/L #	100
16) Methylene chloride	4.929	84	21778	3.854	ug/L	97
17) trans-1,2-Dichloroethene	5.423	96	34497	5.438	ug/L	89
18) Methyl tert-butyl Ether	5.429	73	34235	3.758	ug/L #	70
19) 1,1-Dichloroethane	6.216	63	54546	4.746	ug/L	88
20) cis-1,2-Dichloroethene	7.167	96	31140	4.804	ug/L	92
22) 2-Butanone	7.325	43	171	0.105	ug/L	87
23) Bromochloromethane	7.508	128	10574	4.329	ug/L	93
25) Chloroform	7.673	83	50130	4.654	ug/L	93
27) 1,2-Dichloroethane	8.404	62	26006	4.069	ug/L	99
29) Cyclohexane	7.953	56	65588	6.139	ug/L	98
30) 1,1,1-Trichloroethane	7.868	97	47160	5.645	ug/L	98
31) Carbon tetrachloride	8.063	117	42701	5.674	ug/L	96
33) Benzene	8.319	78	128125	5.816	ug/L	100
34) Trichloroethene	9.093	95	36691	6.090	ug/L	94
35) Methylcyclohexane	9.331	83	64889	5.839	ug/L	94
37) 1,2-Dichloropropane	9.362	63	26990	5.116	ug/L	98
38) Bromodichloromethane	9.636	83	27651	4.449	ug/L #	91
39) cis-1,3-Dichloropropene	10.069	75	32108	4.040	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	36422	13.167	ug/L	96
42) Toluene	10.380	91	131843	5.735	ug/L	95
44) trans-1,3-Dichloropropene	10.605	75	23250	3.705	ug/L	96

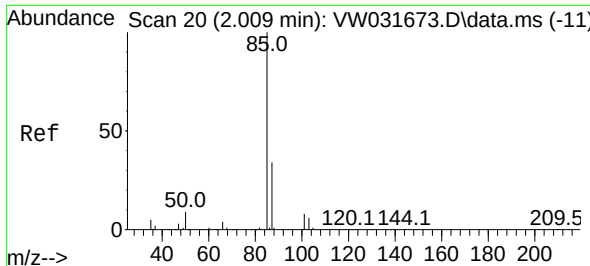
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 Data File : VW031672.D
 Acq On : 31 Jan 2025 17:21
 Operator : SY/MD
 Sample : VSTD005
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Instrument :
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 ClientSampleId :

Quant Time: Feb 03 07:32:31 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

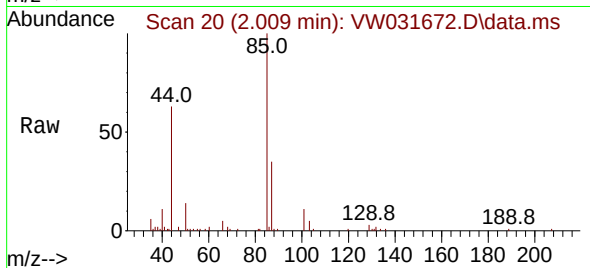
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.782	97	16986	5.121	ug/L	91
46) Tetrachloroethene	10.861	164	25971	5.906	ug/L	95
48) 2-Hexanone	10.971	43	27233	15.346	ug/L	97
49) Dibromochloromethane	11.130	129	15217	4.295	ug/L	86
50) 1,2-Dibromoethane	11.233	107	16218	5.262	ug/L	93
51) Chlorobenzene	11.654	112	71981	5.245	ug/L	98
52) Ethylbenzene	11.727	91	144119	5.471	ug/L	100
53) m,p-Xylene	11.837	106	53049	5.344	ug/L	97
54) o-Xylene	12.160	106	45837	5.026	ug/L	89
55) Styrene	12.178	104	71738	4.821	ug/L	88
57) 1,1,2,2-Tetrachloroethane	12.709	83	22697	6.061	ug/L #	97
59) Bromoform	12.343	173	4880	2.684	ug/L #	57
60) Isopropylbenzene	12.459	105	148792	5.680	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	17563	6.450	ug/L	97
62) 1,3,5-Trimethylbenzene	12.934	105	107559	5.089	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	99178	4.922	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	48159	4.861	ug/L	92
65) 1,4-Dichlorobenzene	13.574	146	49790	5.118	ug/L	97
67) 1,2-Dichlorobenzene	13.867	146	42229	5.064	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.476	75	4793	7.431	ug/L	89
69) 1,3,5-Trichlorobenzene	14.623	180	35171	5.266	ug/L	100
70) 1,2,4-trichlorobenzene	15.129	180	25046	4.800	ug/L	98
71) Naphthalene	15.360	128	54305	5.476	ug/L	98
72) 1,2,3-Trichlorobenzene	15.549	180	21829	4.941	ug/L	97

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

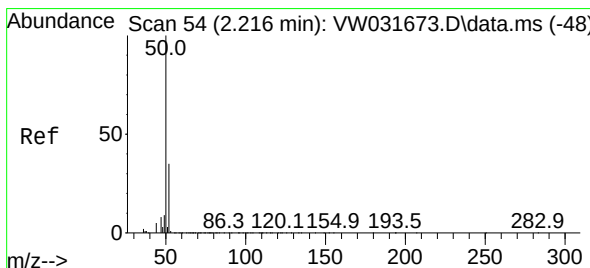
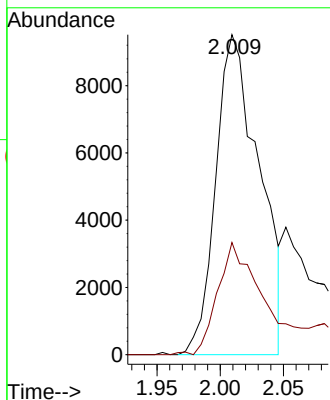
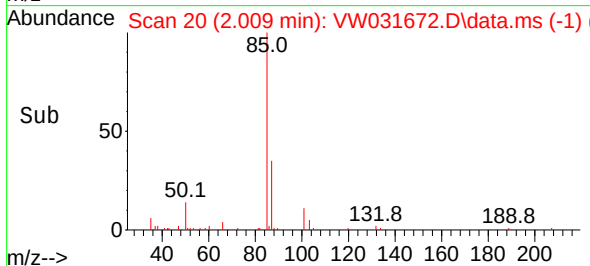


#2
 Dichlorodifluoromethane
 Concen: 3.940 ug/L
 RT: 2.009 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VW031672.D
 Acq: 31 Jan 2025 17:21

Instrument :
 MSVOA_W
 ClientSampleId :

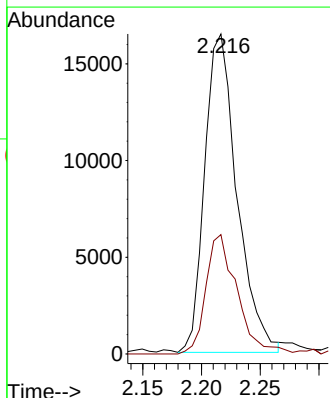
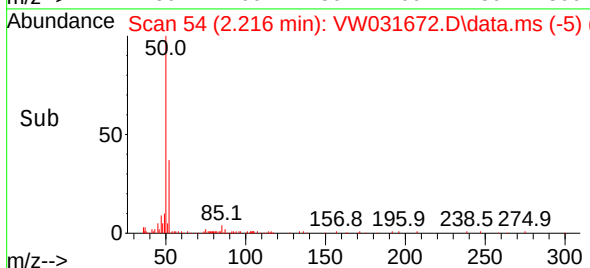
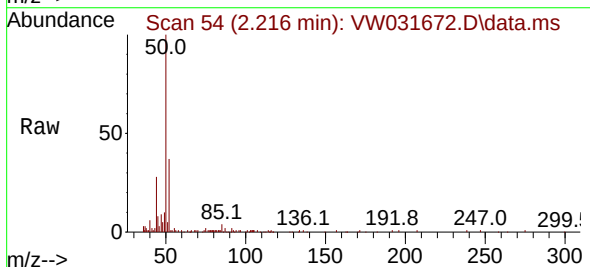


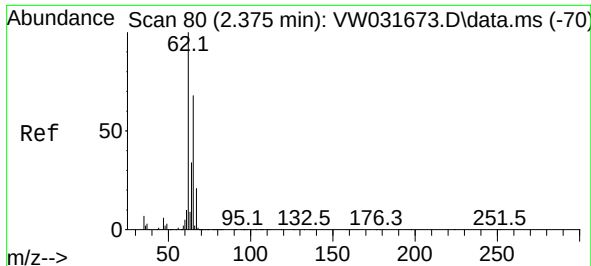
Tgt Ion: 85 Resp: 22775
 Ion Ratio Lower Upper
 85 100
 87 38.0 19.6 29.4#



#3
 Chloromethane
 Concen: 5.396 ug/L
 RT: 2.216 min Scan# 54
 Delta R.T. 0.000 min
 Lab File: VW031672.D
 Acq: 31 Jan 2025 17:21

Tgt Ion: 50 Resp: 31524
 Ion Ratio Lower Upper
 50 100
 52 37.3 24.6 45.8

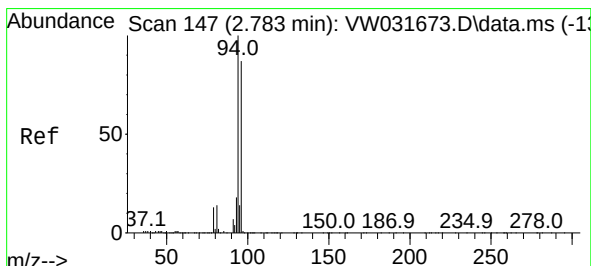
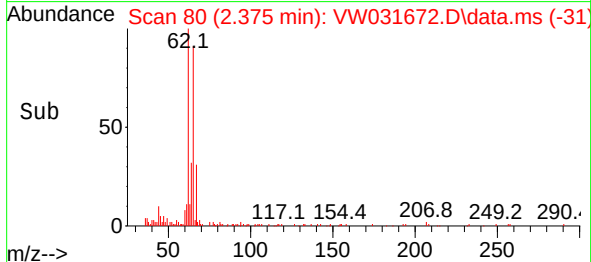
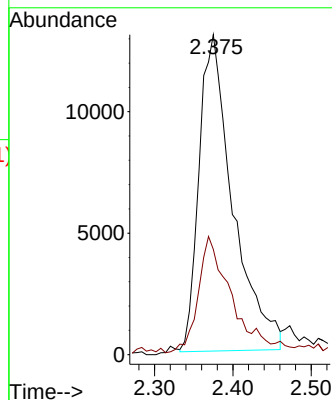
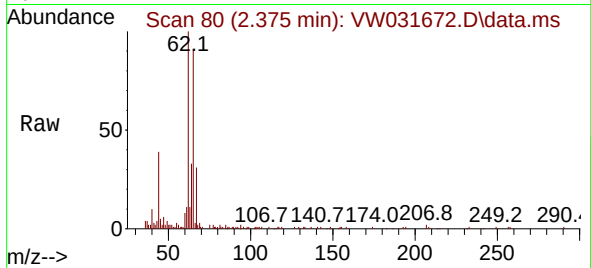




#5
 Vinyl chloride
 Concen: 5.164 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VW031672.D
 Acq: 31 Jan 2025 17:21

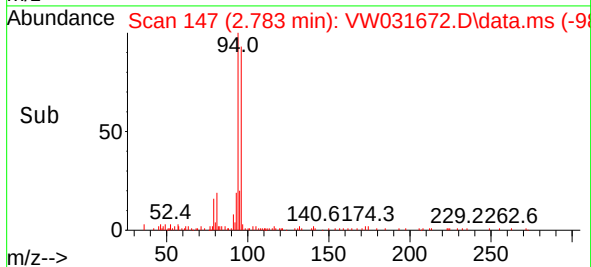
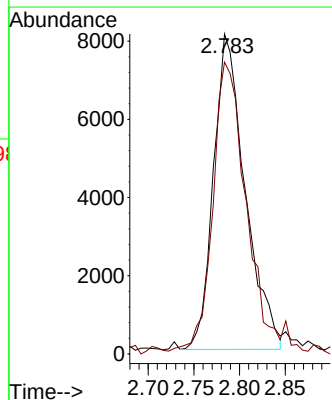
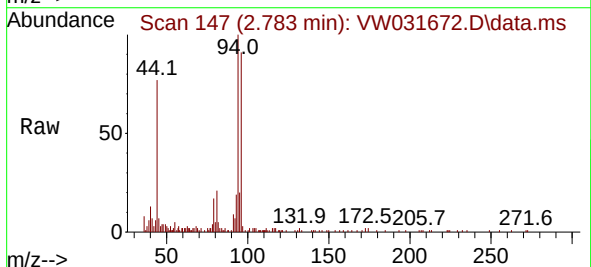
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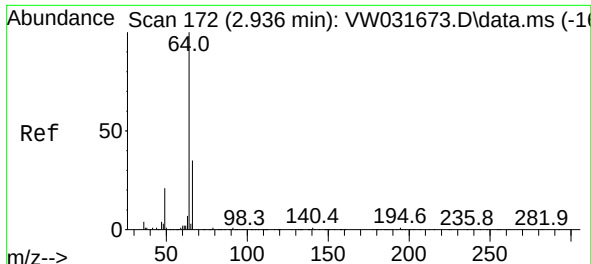
Tgt Ion: 62 Resp: 39074
 Ion Ratio Lower Upper
 62 100
 64 32.9 23.8 44.2



#6
 Bromomethane
 Concen: 4.559 ug/L
 RT: 2.783 min Scan# 147
 Delta R.T. 0.000 min
 Lab File: VW031672.D
 Acq: 31 Jan 2025 17:21

Tgt Ion: 94 Resp: 19451
 Ion Ratio Lower Upper
 94 100
 96 91.2 61.2 113.6

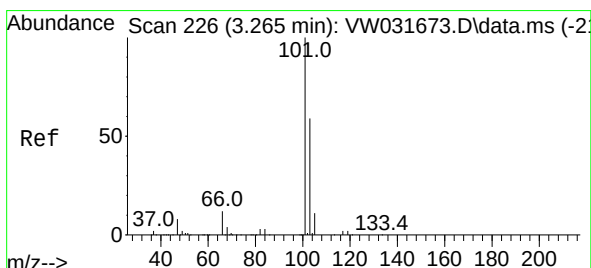
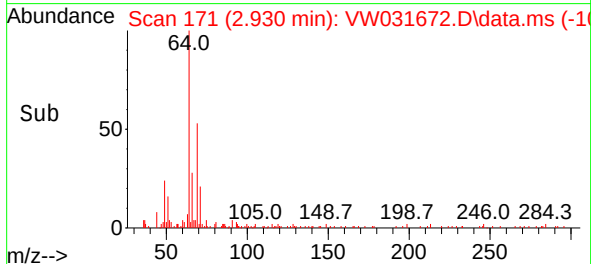
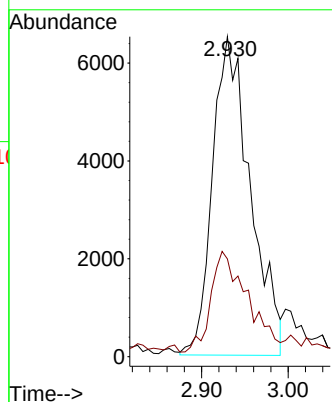
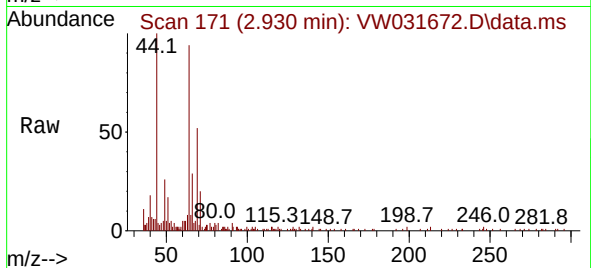




#8
Chloroethane
Concen: 4.601 ug/L
RT: 2.930 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW031672.D
Acq: 31 Jan 2025 17:21

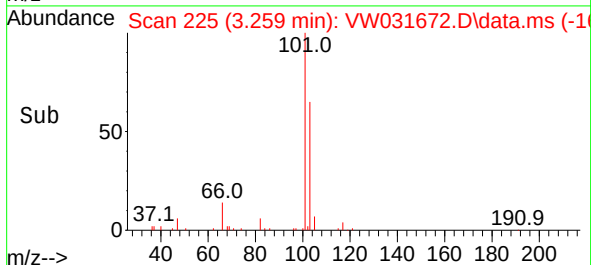
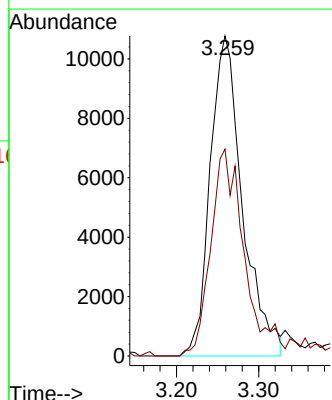
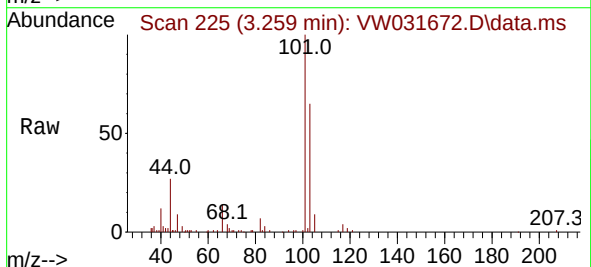
Instrument :
MSVOA_W
ClientSampleId :

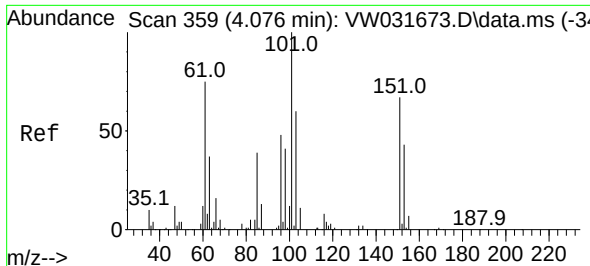
Tgt Ion: 64 Resp: 19744
Ion Ratio Lower Upper
64 100
66 30.6 24.7 45.9



#9
Trichlorofluoromethane
Concen: 4.086 ug/L
RT: 3.259 min Scan# 225
Delta R.T. -0.006 min
Lab File: VW031672.D
Acq: 31 Jan 2025 17:21

Tgt Ion:101 Resp: 29400
Ion Ratio Lower Upper
101 100
103 62.1 51.3 76.9





#10

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

Concen: 4.865 ug/L

RT: 4.070 min Scan# 359

Delta R.T. -0.006 min

Lab File: VW031672.D

Acq: 31 Jan 2025 17:21

Instrument :

MSVOA_W

ClientSampleId :

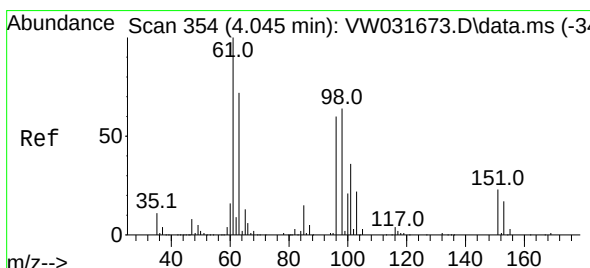
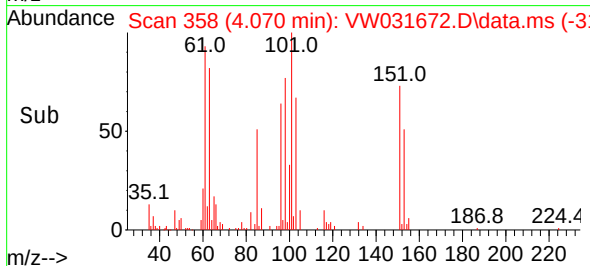
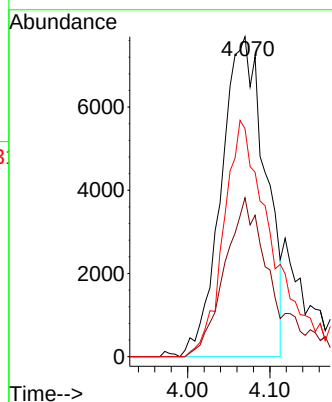
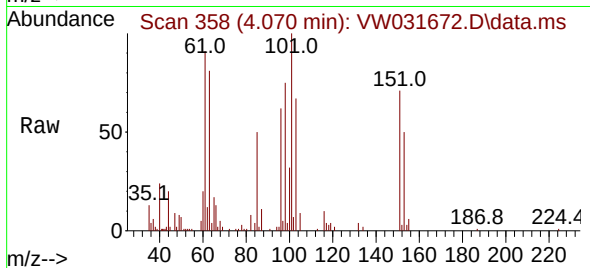
Tgt Ion:101 Resp: 28617

Ion Ratio Lower Upper

101 100

85 45.6 36.3 54.5

151 65.6 55.9 83.9



#12

1,1-Dichloroethene

Concen: 0.149 ug/L

RT: 4.143 min Scan# 370

Delta R.T. 0.098 min

Lab File: VW031672.D

Acq: 31 Jan 2025 17:21

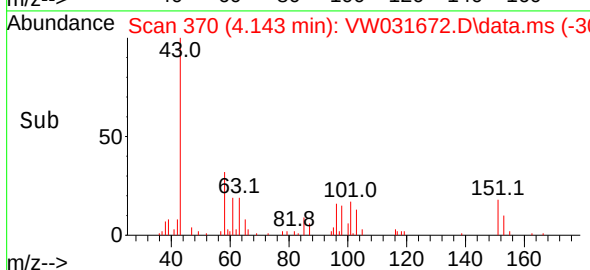
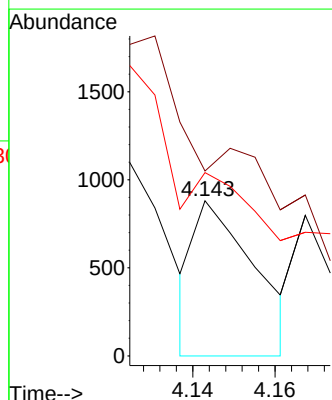
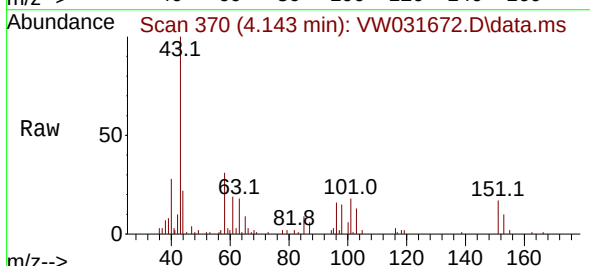
Tgt Ion: 96 Resp: 888

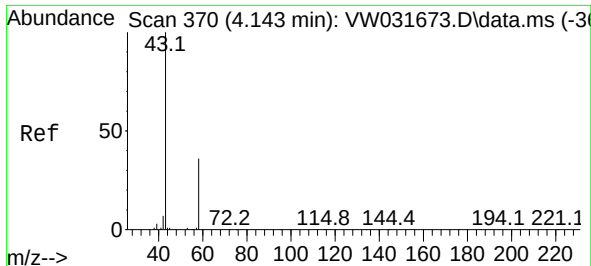
Ion Ratio Lower Upper

96 100

61 119.2 117.5 218.3

63 118.2 86.5 160.7

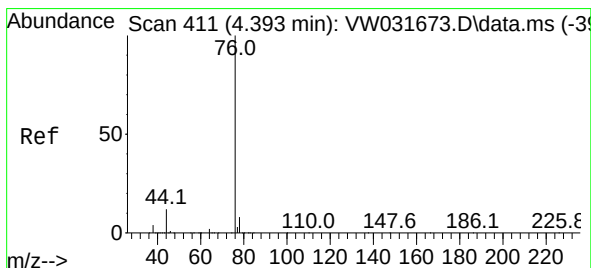
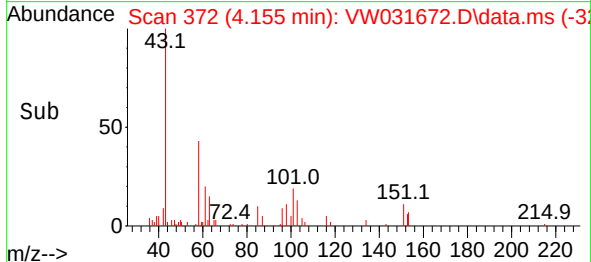
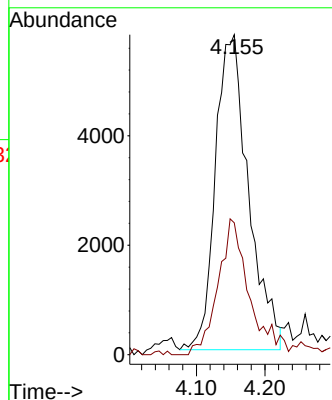
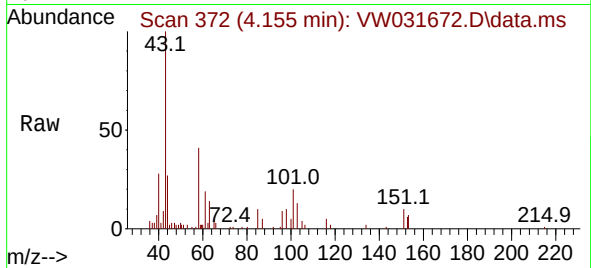




#13
Acetone
Concen: 19.333 ug/L
RT: 4.155 min Scan# 372
Delta R.T. 0.012 min
Lab File: VW031672.D
Acq: 31 Jan 2025 17:21

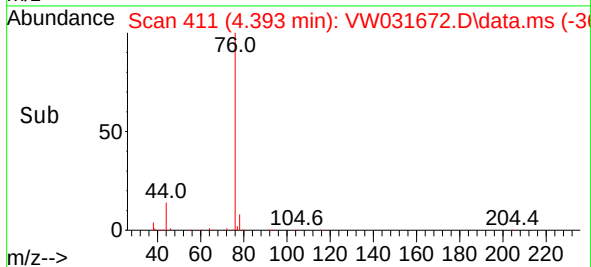
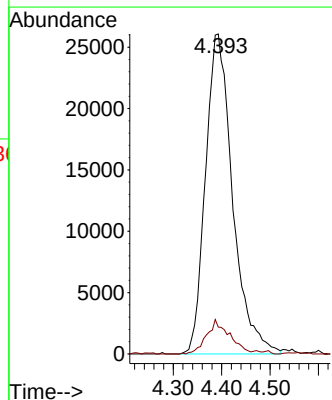
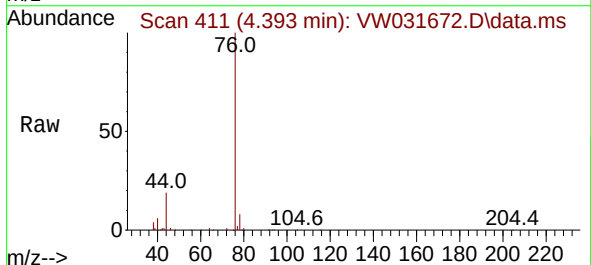
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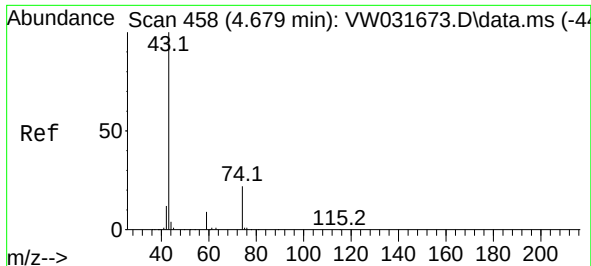
Tgt Ion: 43 Resp: 19324
Ion Ratio Lower Upper
43 100
58 36.6 0.0 70.2



#14
Carbon disulfide
Concen: 5.141 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.000 min
Lab File: VW031672.D
Acq: 31 Jan 2025 17:21

Tgt Ion: 76 Resp: 101570
Ion Ratio Lower Upper
76 100
78 8.4 6.6 9.8

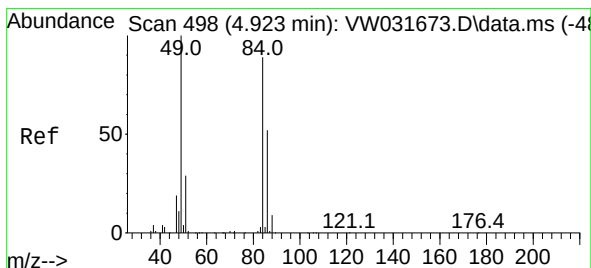
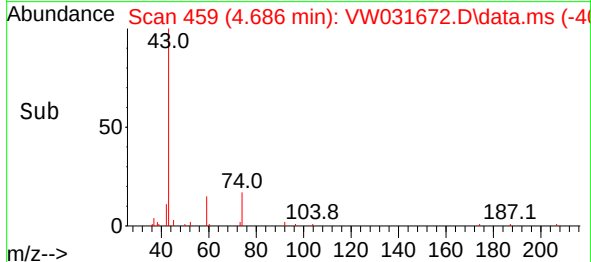
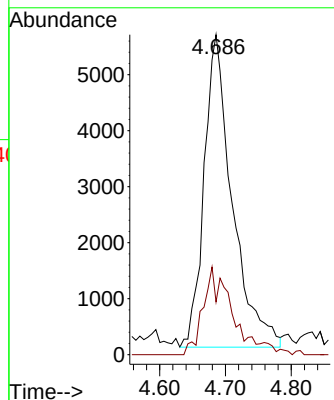
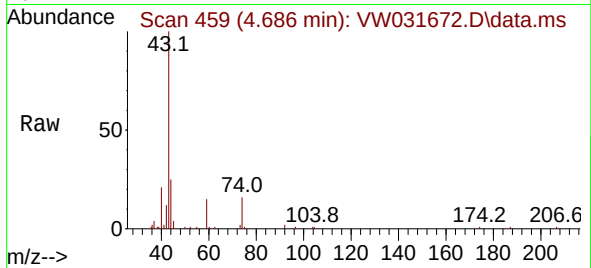




#15
Methyl Acetate
Concen: 6.983 ug/L
RT: 4.686 min Scan# 458
Delta R.T. 0.006 min
Lab File: VW031672.D
Acq: 31 Jan 2025 17:21

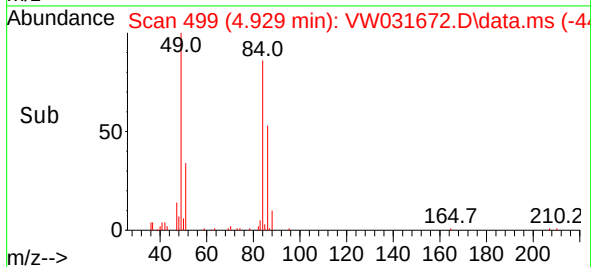
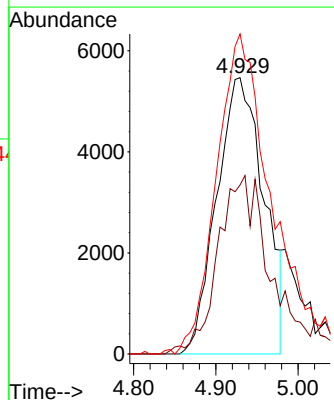
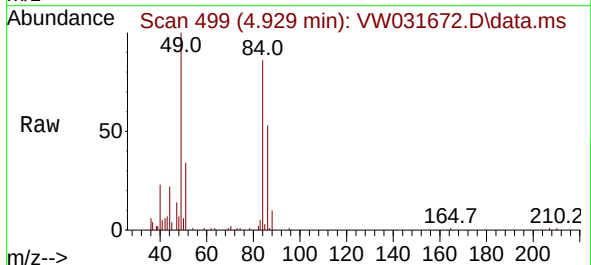
Instrument :
MSVOA_W
ClientSampleId :

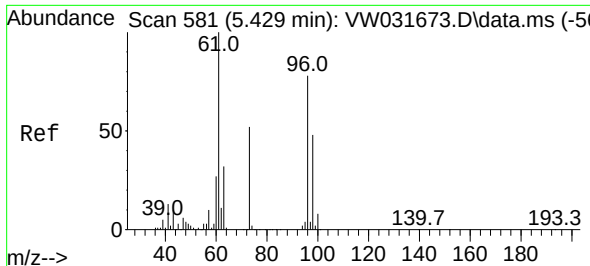
Tgt Ion: 43 Resp: 16559
Ion Ratio Lower Upper
43 100
74 12.6 0.0 0.0#



#16
Methylene chloride
Concen: 3.854 ug/L
RT: 4.929 min Scan# 499
Delta R.T. 0.006 min
Lab File: VW031672.D
Acq: 31 Jan 2025 17:21

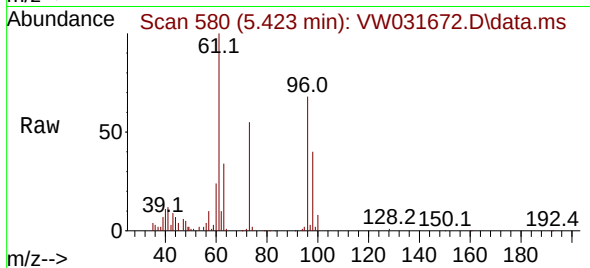
Tgt Ion: 84 Resp: 21778
Ion Ratio Lower Upper
84 100
86 61.1 40.9 76.0
49 115.8 78.9 146.5



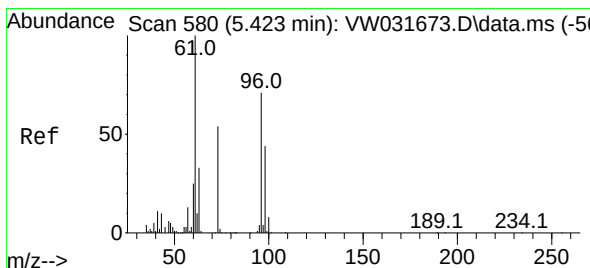
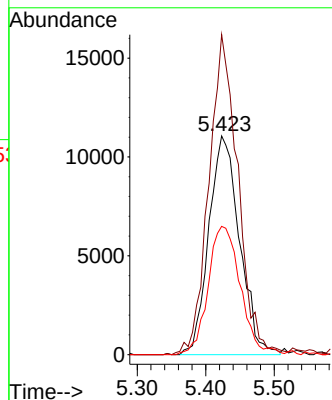
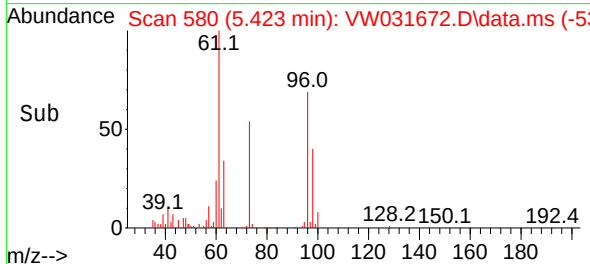


#17
trans-1,2-Dichloroethene
Concen: 5.438 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.006 min
Lab File: VW031672.D
Acq: 31 Jan 2025 17:21

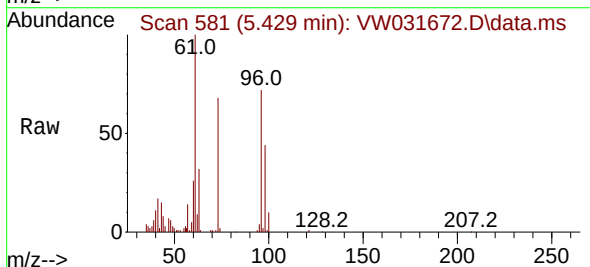
Instrument :
MSVOA_W
ClientSampleId :



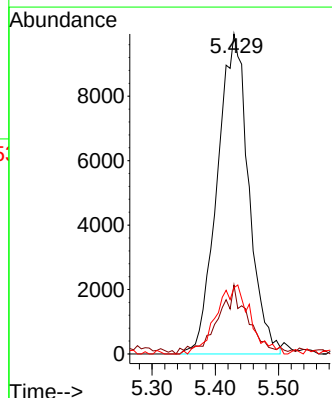
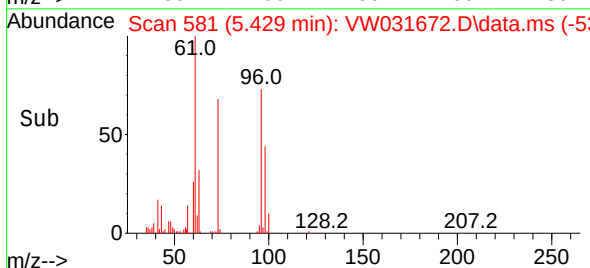
Tgt Ion: 96 Resp: 34497
Ion Ratio Lower Upper
96 100
61 146.3 90.3 167.7
98 58.7 43.0 80.0

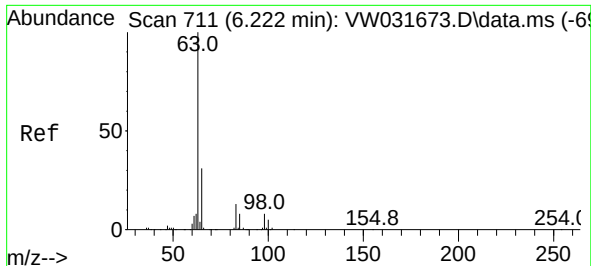


#18
Methyl tert-butyl Ether
Concen: 3.758 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.006 min
Lab File: VW031672.D
Acq: 31 Jan 2025 17:21



Tgt Ion: 73 Resp: 34235
Ion Ratio Lower Upper
73 100
43 0.9 15.4 23.2#
57 12.7 18.2 27.2#





#19

1,1-Dichloroethane

Concen: 4.746 ug/L

RT: 6.216 min Scan# 711

Delta R.T. -0.006 min

Lab File: VW031672.D

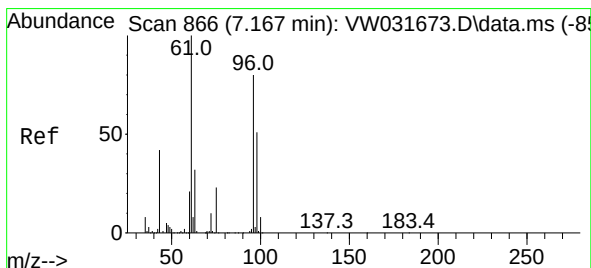
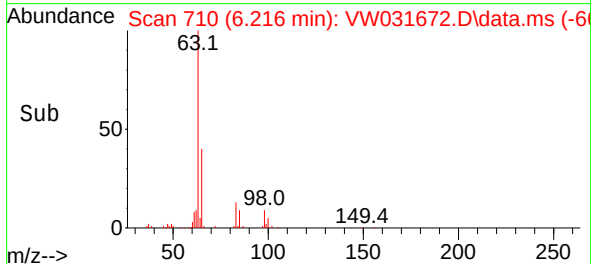
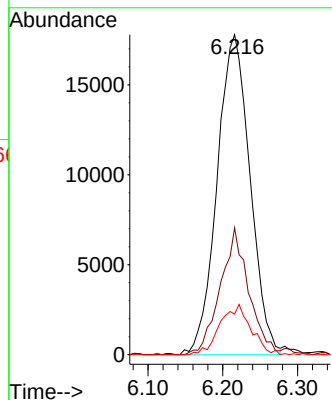
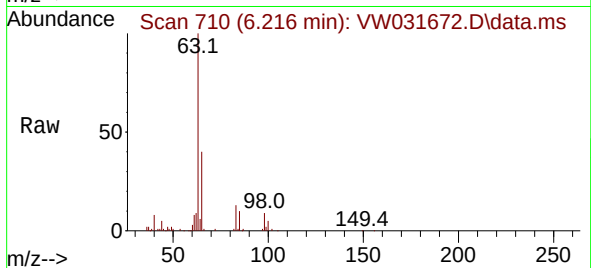
Acq: 31 Jan 2025 17:21

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 63	Resp: 54546
Ion Ratio	Lower Upper
63	100
65	39.7 21.6 40.2
83	12.6 9.4 17.4



#20

cis-1,2-Dichloroethene

Concen: 4.804 ug/L

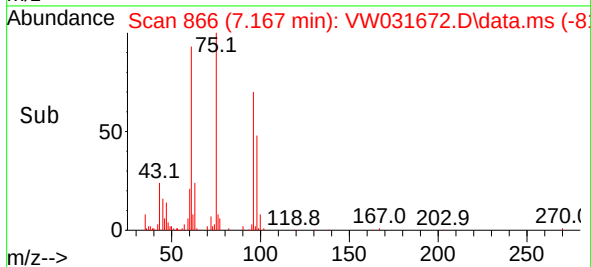
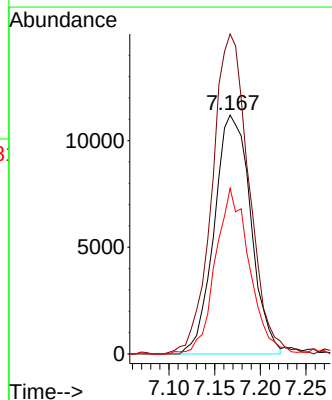
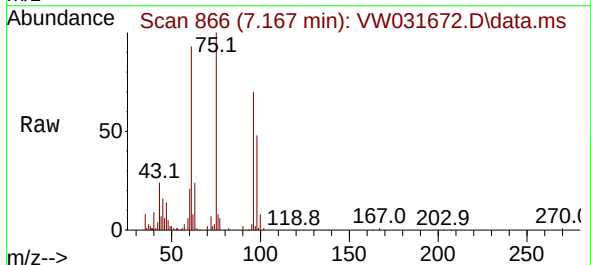
RT: 7.167 min Scan# 866

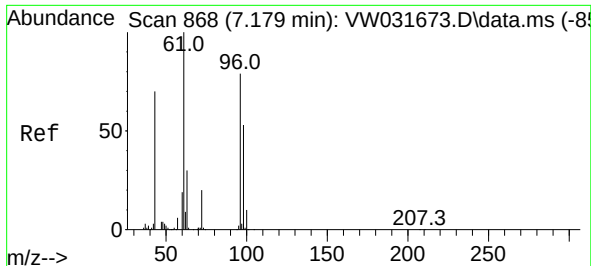
Delta R.T. 0.000 min

Lab File: VW031672.D

Acq: 31 Jan 2025 17:21

Tgt Ion: 96	Resp: 31140
Ion Ratio	Lower Upper
96	100
61	134.0 87.4 162.4
98	69.3 44.4 82.4





#22

2-Butanone

Concen: 0.105 ug/L

RT: 7.325 min Scan# 868

Delta R.T. 0.147 min

Lab File: VW031672.D

Acq: 31 Jan 2025 17:21

Instrument :

MSVOA_W

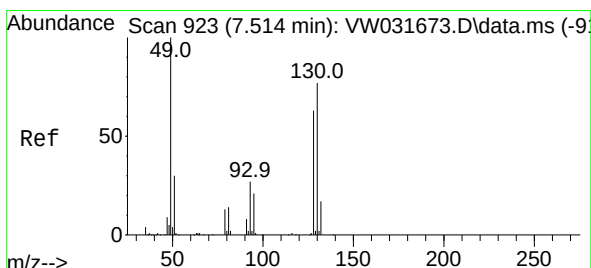
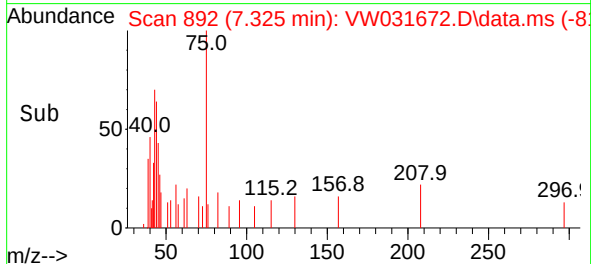
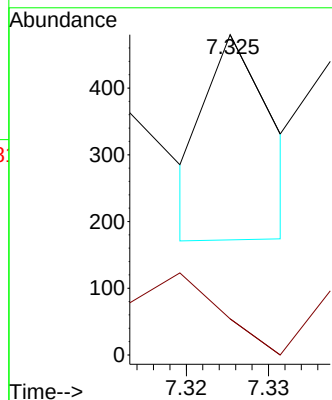
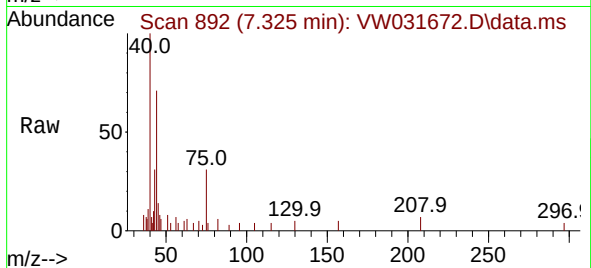
ClientSampleId :

Tgt Ion: 43 Resp: 171

Ion Ratio Lower Upper

43 100

72 34.5 13.8 41.4



#23

Bromochloromethane

Concen: 4.329 ug/L

RT: 7.508 min Scan# 922

Delta R.T. -0.006 min

Lab File: VW031672.D

Acq: 31 Jan 2025 17:21

Tgt Ion: 128 Resp: 10574

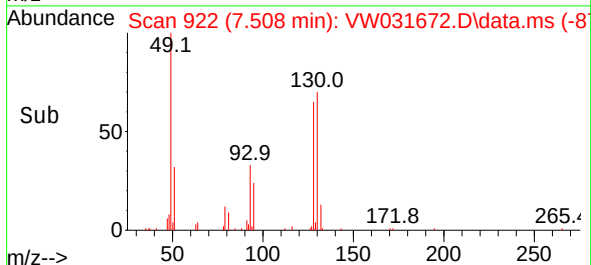
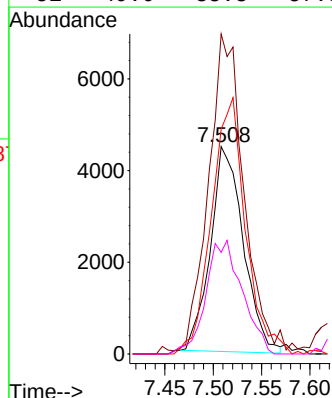
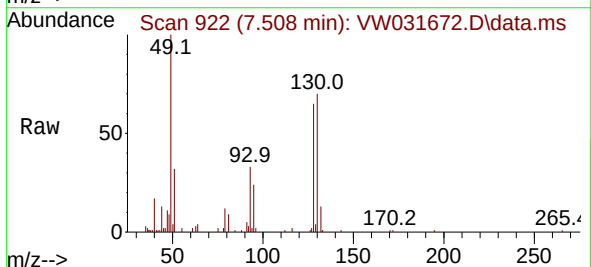
Ion Ratio Lower Upper

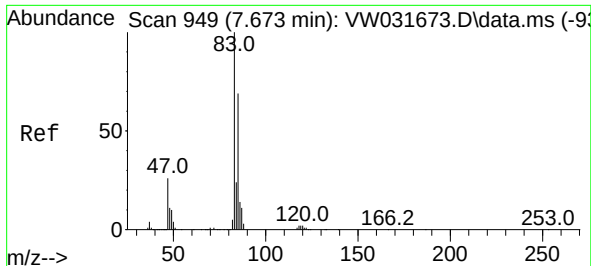
128 100

49 154.3 112.2 208.4

130 108.4 85.9 159.5

51 49.0 38.3 57.5





#25

Chloroform

Concen: 4.654 ug/L

RT: 7.673 min Scan# 949

Delta R.T. 0.000 min

Lab File: VW031672.D

Acq: 31 Jan 2025 17:21

Instrument :

MSVOA_W

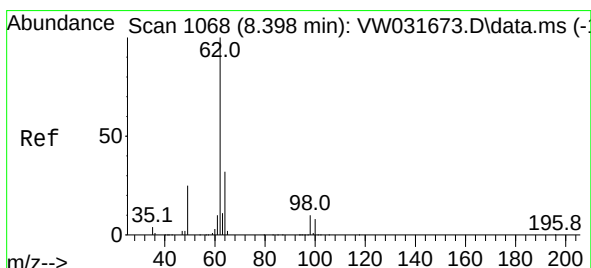
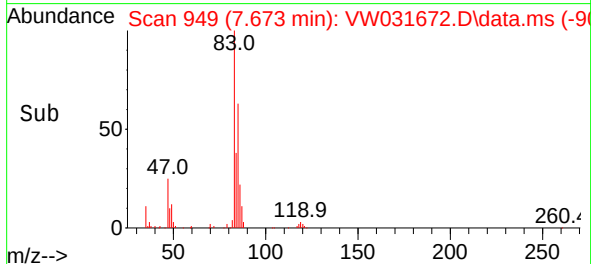
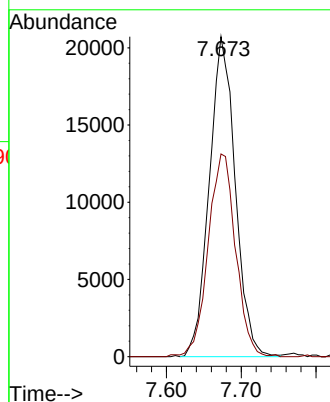
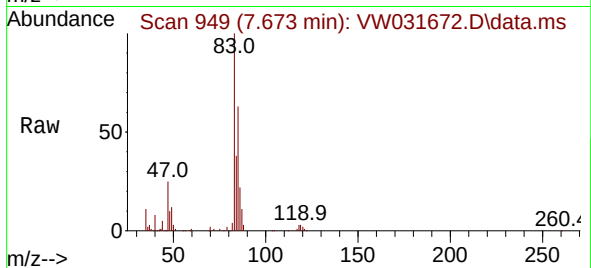
ClientSampleId :

Tgt Ion: 83 Resp: 50130

Ion Ratio Lower Upper

83 100

85 63.4 48.4 89.8



#27

1,2-Dichloroethane

Concen: 4.069 ug/L

RT: 8.404 min Scan# 1069

Delta R.T. 0.006 min

Lab File: VW031672.D

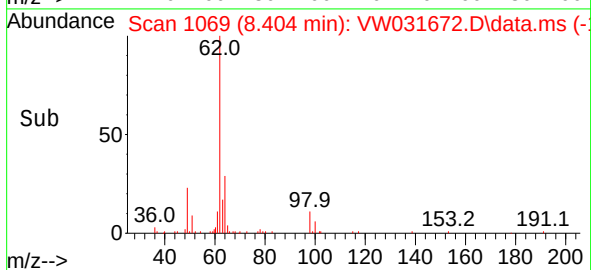
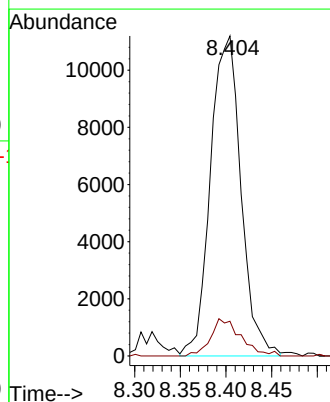
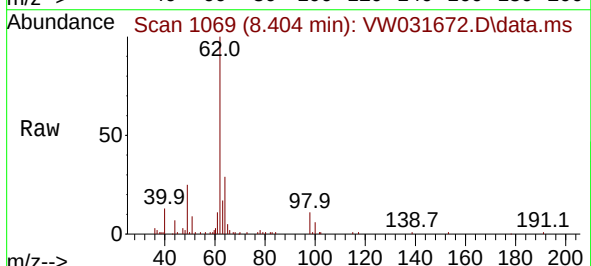
Acq: 31 Jan 2025 17:21

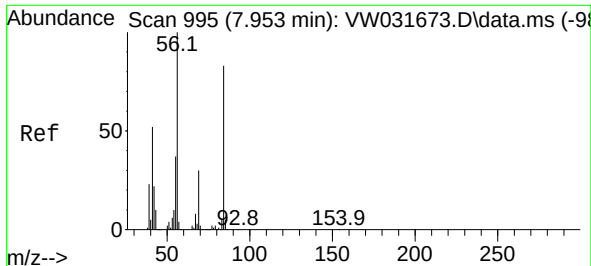
Tgt Ion: 62 Resp: 26006

Ion Ratio Lower Upper

62 100

98 10.8 8.3 12.5





#29

Cyclohexane

Concen: 6.139 ug/L

RT: 7.953 min Scan# 995

Delta R.T. 0.000 min

Lab File: VW031672.D

Acq: 31 Jan 2025 17:21

Instrument :

MSVOA_W

ClientSampleId :

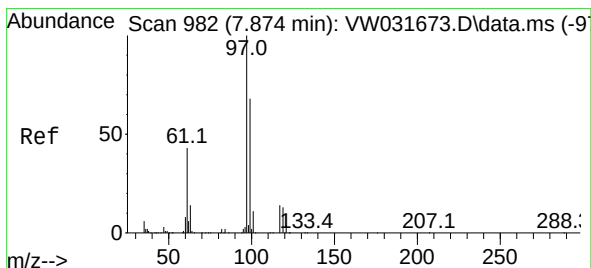
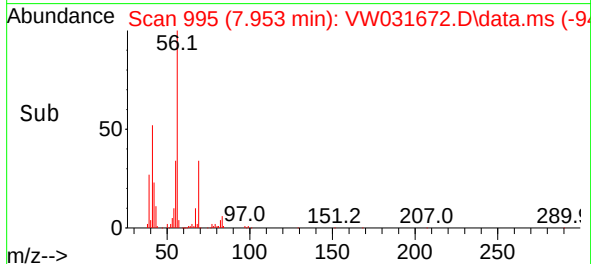
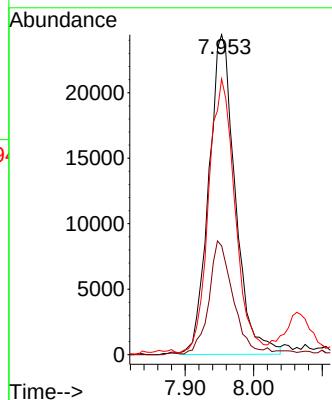
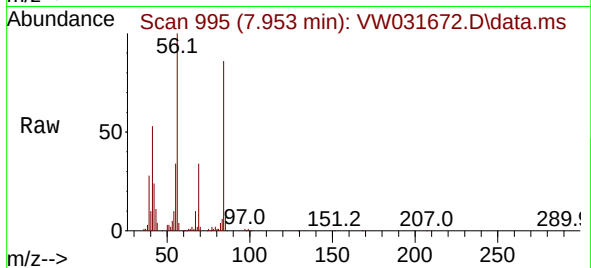
Tgt Ion: 56 Resp: 65588

Ion Ratio Lower Upper

56 100

69 31.7 24.2 36.4

84 85.9 67.8 101.8



#30

1,1,1-Trichloroethane

Concen: 5.645 ug/L

RT: 7.868 min Scan# 981

Delta R.T. -0.006 min

Lab File: VW031672.D

Acq: 31 Jan 2025 17:21

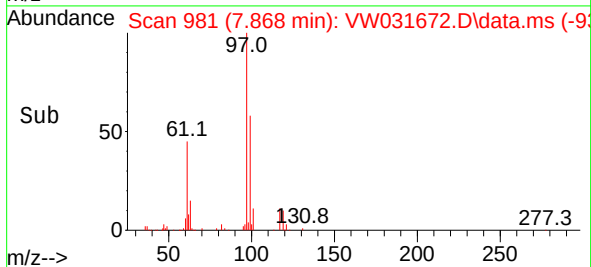
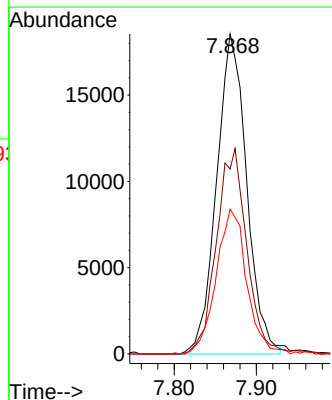
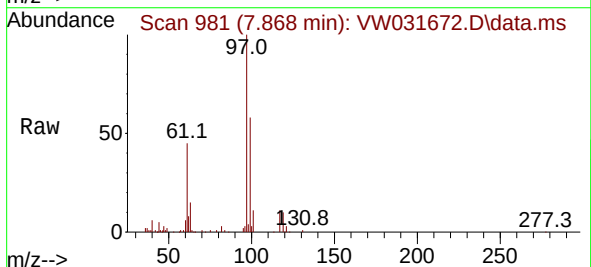
Tgt Ion: 97 Resp: 47160

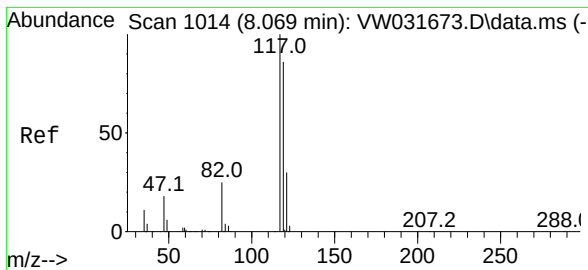
Ion Ratio Lower Upper

97 100

99 64.5 52.6 79.0

61 45.7 35.4 53.2

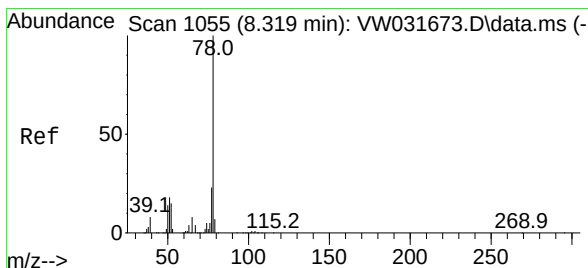
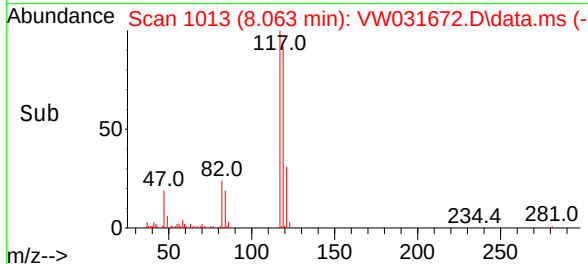
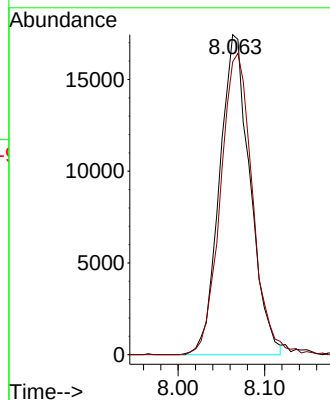
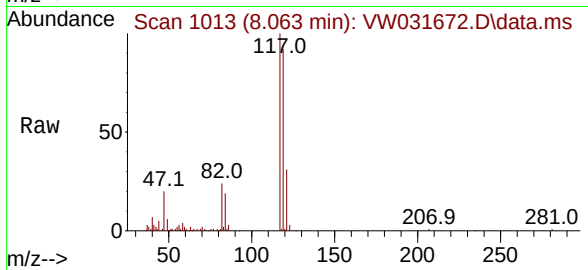




#31
Carbon tetrachloride
Concen: 5.674 ug/L
RT: 8.063 min Scan# 1013
Delta R.T. -0.006 min
Lab File: VW031672.D
Acq: 31 Jan 2025 17:21

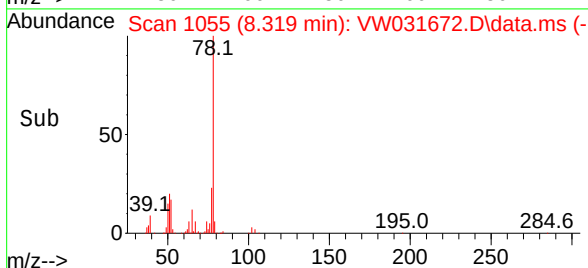
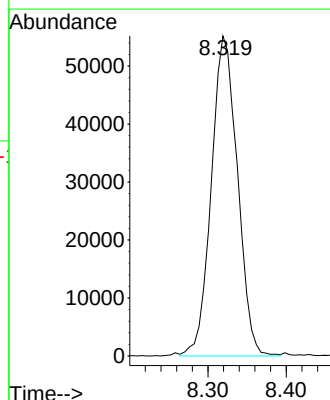
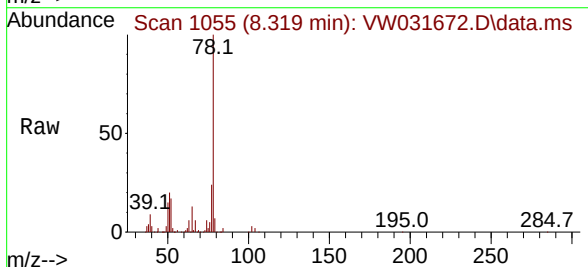
Instrument :
MSVOA_W
ClientSampleId :

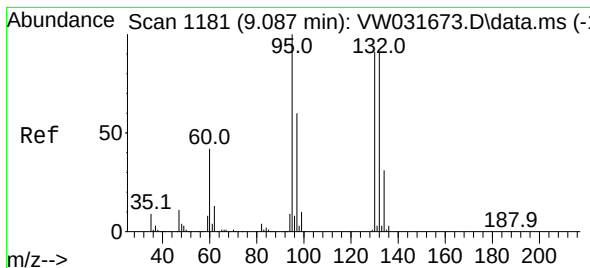
Tgt Ion:117 Resp: 42701
Ion Ratio Lower Upper
117 100
119 98.2 75.7 113.5



#33
Benzene
Concen: 5.816 ug/L
RT: 8.319 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VW031672.D
Acq: 31 Jan 2025 17:21

Tgt Ion: 78 Resp: 128125





#34

Trichloroethene

Concen: 6.090 ug/L

RT: 9.093 min Scan# 1181

Delta R.T. 0.006 min

Lab File: VW031672.D

Acq: 31 Jan 2025 17:21

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 36691

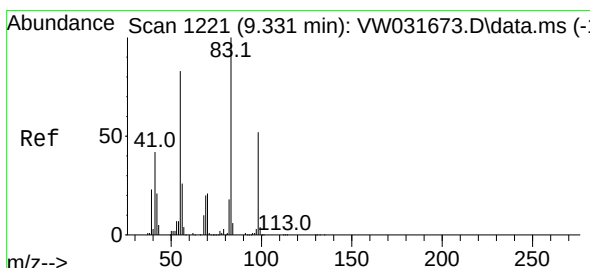
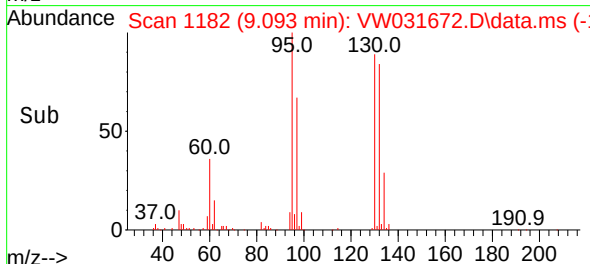
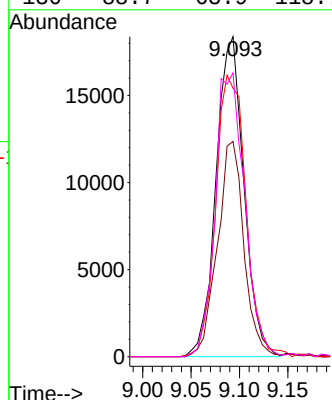
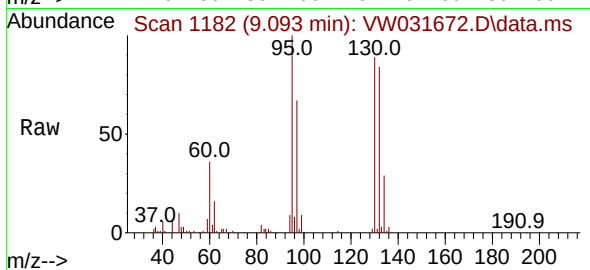
Ion Ratio Lower Upper

95 100

97 67.3 41.9 77.7

132 83.9 63.3 117.7

130 88.7 63.9 118.7



#35

Methylcyclohexane

Concen: 5.839 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. 0.000 min

Lab File: VW031672.D

Acq: 31 Jan 2025 17:21

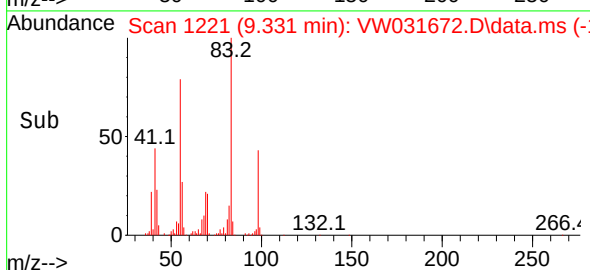
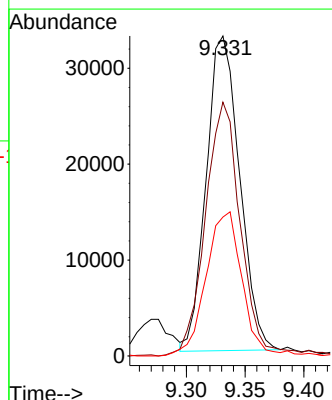
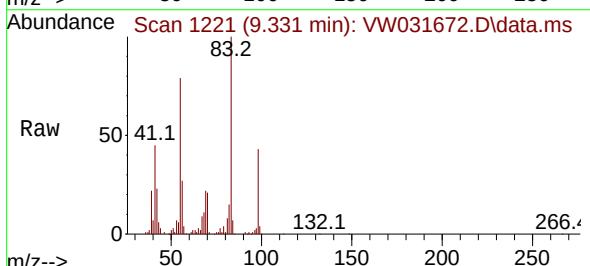
Tgt Ion: 83 Resp: 64889

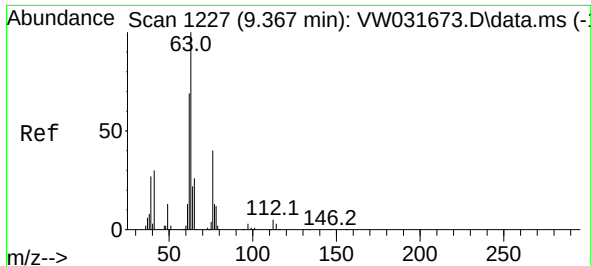
Ion Ratio Lower Upper

83 100

55 84.8 61.5 92.3

98 49.0 38.2 57.2





#37

1,2-Dichloropropane

Concen: 5.116 ug/L

RT: 9.362 min Scan# 1227

Delta R.T. -0.006 min

Lab File: VW031672.D

Acq: 31 Jan 2025 17:21

Instrument :

MSVOA_W

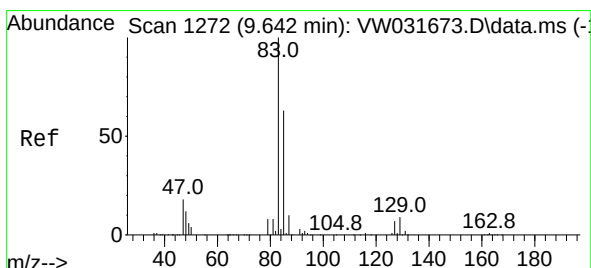
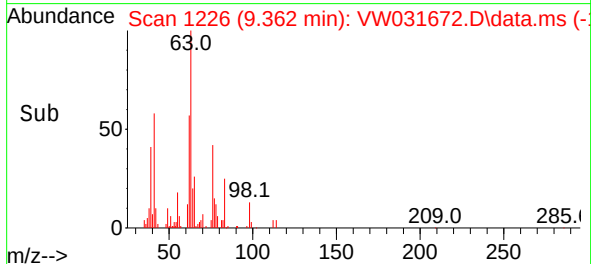
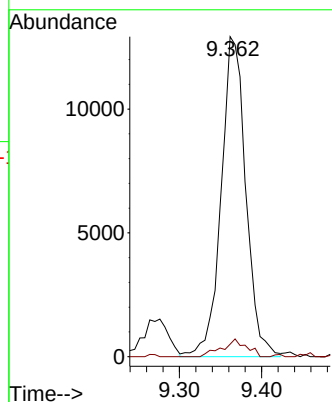
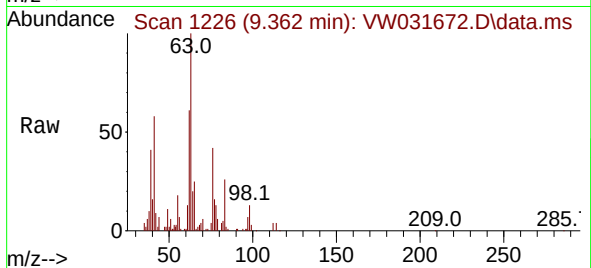
ClientSampleId :

Tgt Ion: 63 Resp: 26990

Ion Ratio Lower Upper

63 100

112 5.4 3.8 5.6



#38

Bromodichloromethane

Concen: 4.449 ug/L

RT: 9.636 min Scan# 1271

Delta R.T. -0.006 min

Lab File: VW031672.D

Acq: 31 Jan 2025 17:21

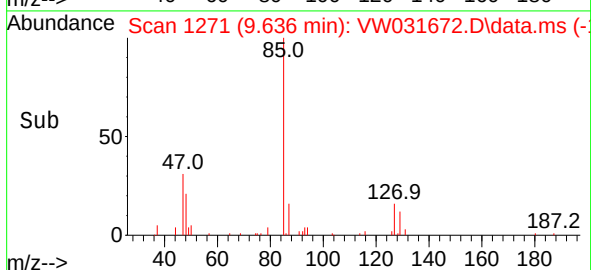
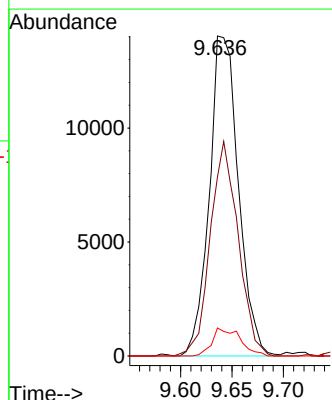
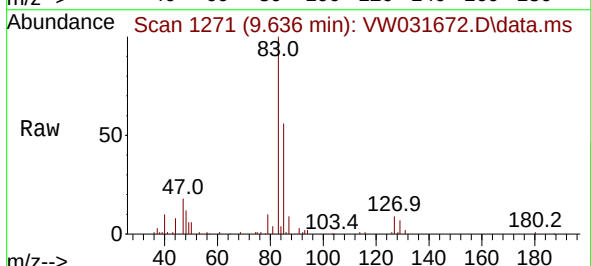
Tgt Ion: 83 Resp: 27651

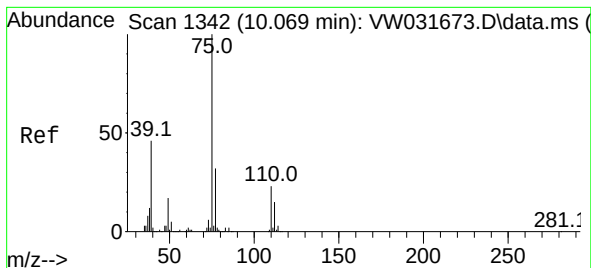
Ion Ratio Lower Upper

83 100

85 56.0 44.2 82.0

127 8.8 5.5 8.3#

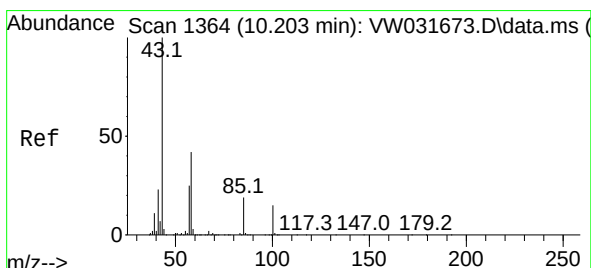
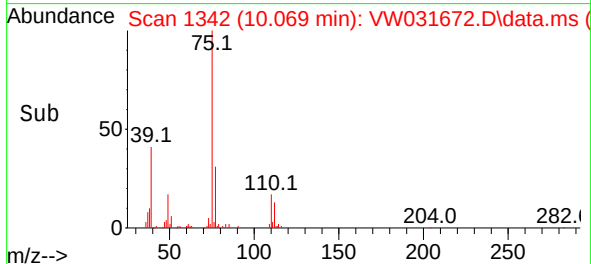
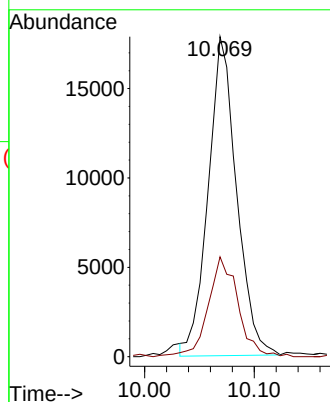
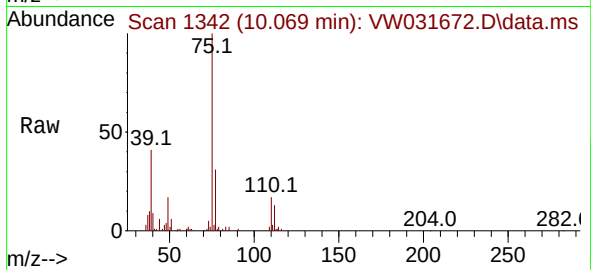




#39
 cis-1,3-Dichloropropene
 Concen: 4.040 ug/L
 RT: 10.069 min Scan# 1342
 Delta R.T. 0.000 min
 Lab File: VW031672.D
 Acq: 31 Jan 2025 17:21

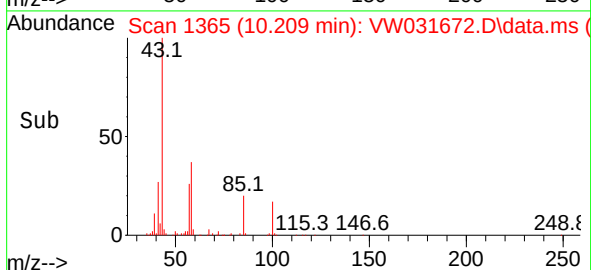
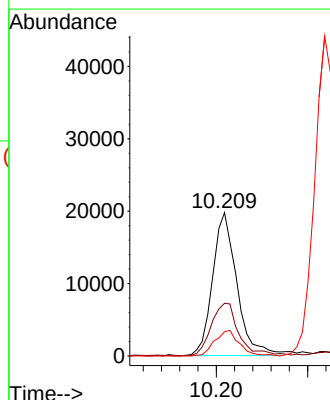
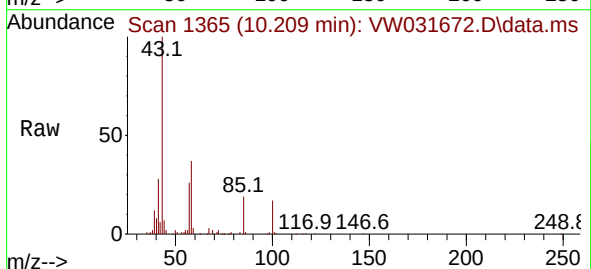
Instrument :
 MSVOA_W
 ClientSampleId :

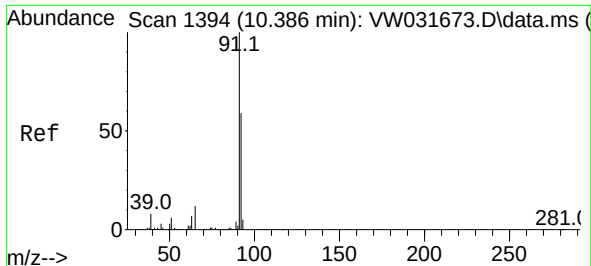
Tgt Ion: 75 Resp: 32108
 Ion Ratio Lower Upper
 75 100
 77 31.2 22.5 41.9



#40
 4-Methyl-2-pentanone
 Concen: 13.167 ug/L
 RT: 10.209 min Scan# 1365
 Delta R.T. 0.006 min
 Lab File: VW031672.D
 Acq: 31 Jan 2025 17:21

Tgt Ion: 43 Resp: 36422
 Ion Ratio Lower Upper
 43 100
 58 39.4 33.5 50.3
 100 17.8 12.9 19.3





#42

Toluene

Concen: 5.735 ug/L

RT: 10.380 min Scan# 1394

Delta R.T. -0.006 min

Lab File: VW031672.D

Acq: 31 Jan 2025 17:21

Instrument :

MSVOA_W

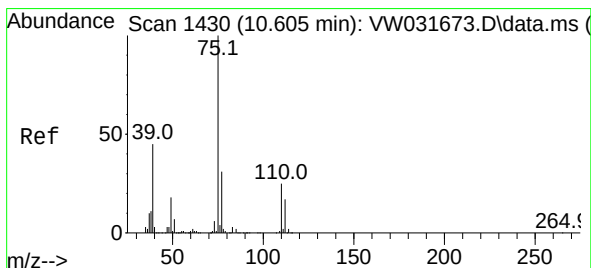
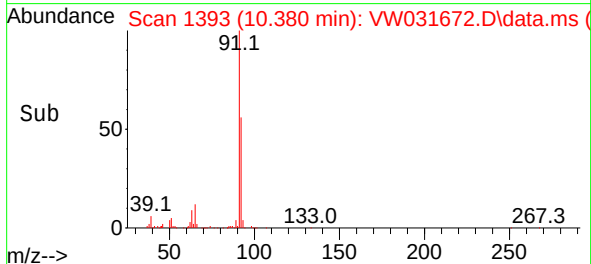
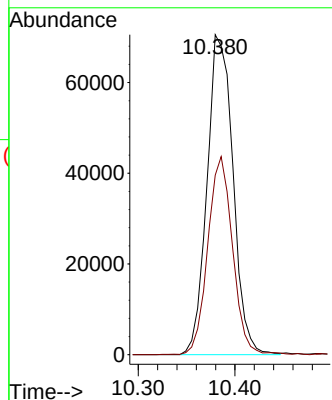
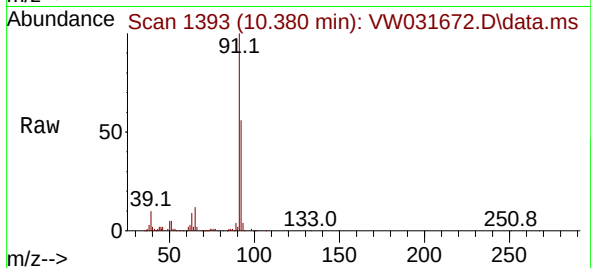
ClientSampleId :

Tgt Ion: 91 Resp: 131843

Ion Ratio Lower Upper

91 100

92 56.1 41.6 77.3



#44

trans-1,3-Dichloropropene

Concen: 3.705 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VW031672.D

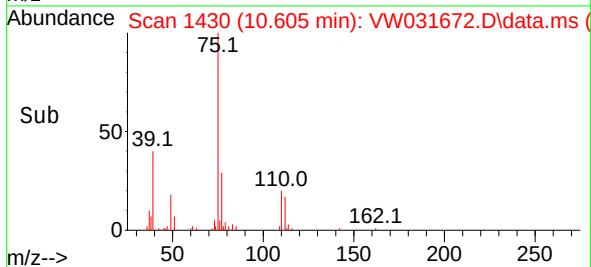
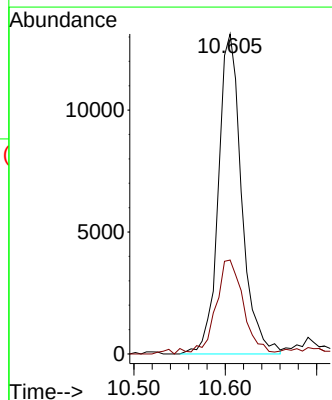
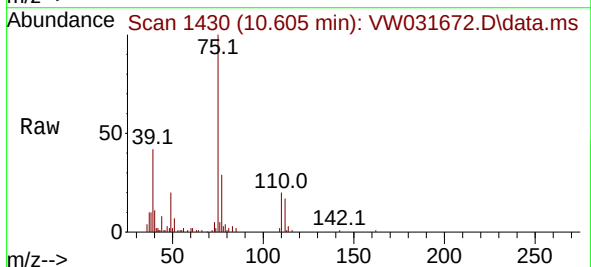
Acq: 31 Jan 2025 17:21

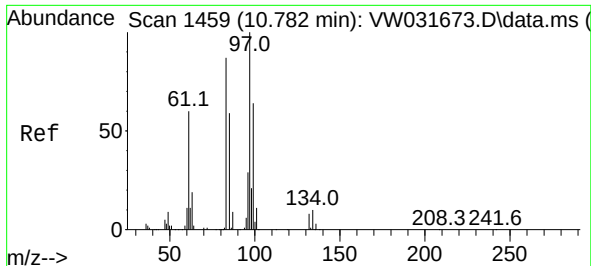
Tgt Ion: 75 Resp: 23250

Ion Ratio Lower Upper

75 100

77 29.3 22.1 41.1





#45

1,1,2-Trichloroethane

Concen: 5.121 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. 0.000 min

Lab File: VW031672.D

Acq: 31 Jan 2025 17:21

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 16986

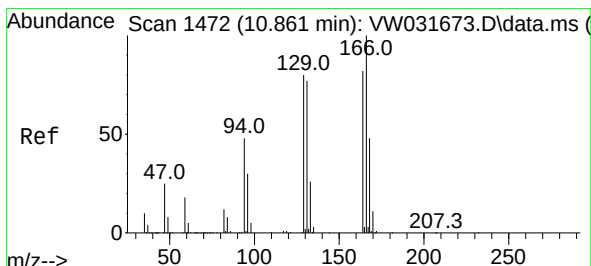
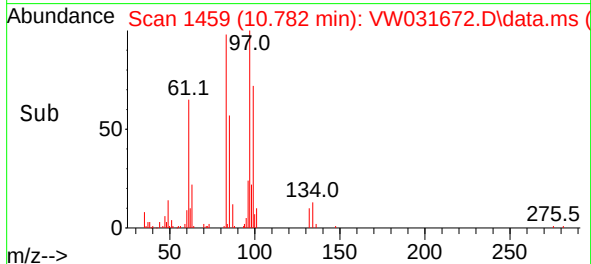
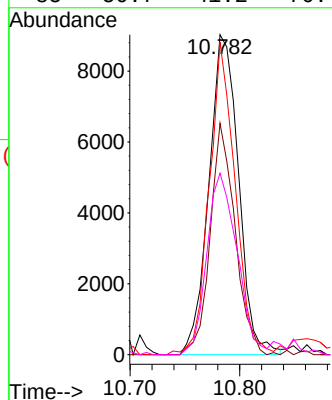
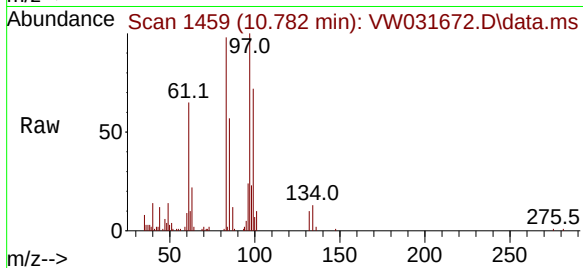
Ion Ratio Lower Upper

97 100

99 72.3 44.9 83.5

83 97.7 60.7 112.7

85 56.7 41.2 76.4



#46

Tetrachloroethene

Concen: 5.906 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VW031672.D

Acq: 31 Jan 2025 17:21

Tgt Ion:164 Resp: 25971

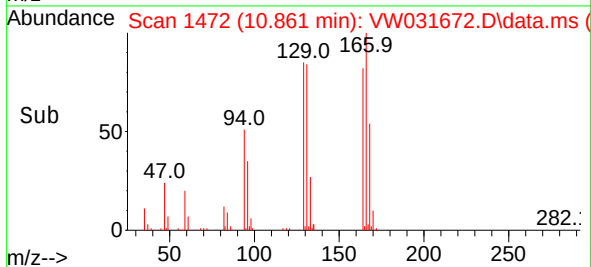
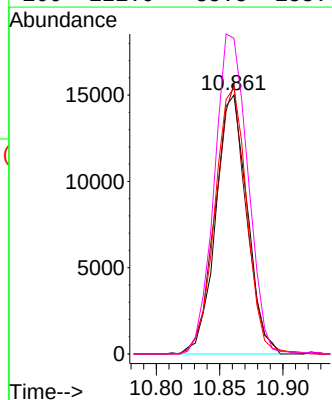
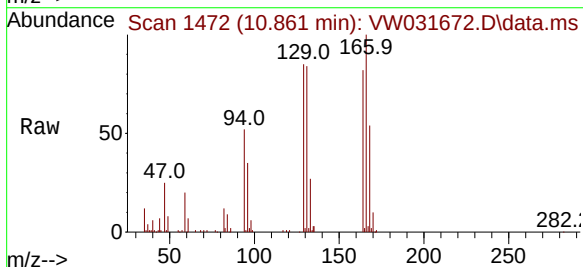
Ion Ratio Lower Upper

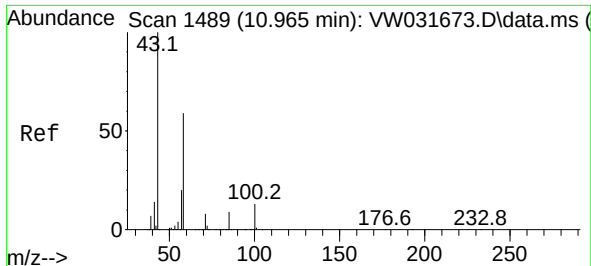
164 100

129 104.2 68.5 127.3

131 102.9 65.9 122.5

166 121.9 85.5 158.7





#48

2-Hexanone

Concen: 15.346 ug/L

RT: 10.971 min Scan# 1489

Delta R.T. 0.006 min

Lab File: VW031672.D

Acq: 31 Jan 2025 17:21

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 43 Resp: 27233

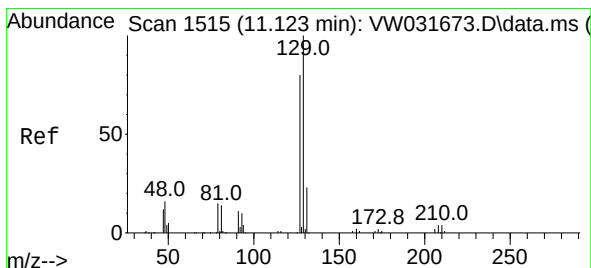
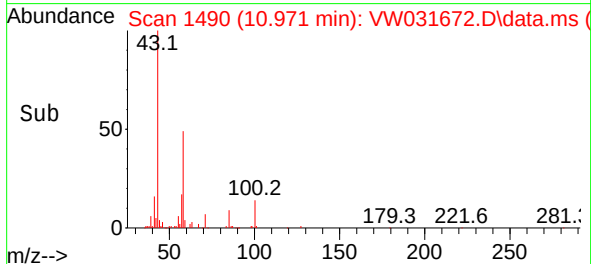
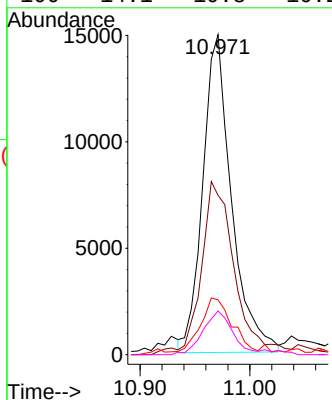
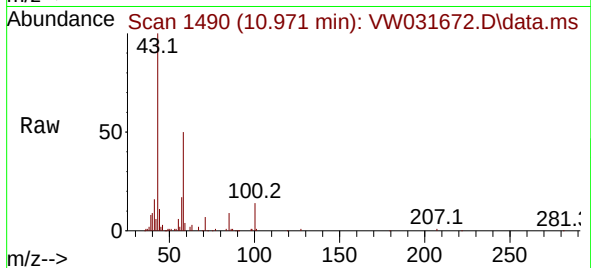
Ion Ratio Lower Upper

43 100

58 59.9 46.0 69.0

57 19.9 16.4 24.6

100 14.1 10.8 16.2



#49

Dibromochloromethane

Concen: 4.295 ug/L

RT: 11.130 min Scan# 1516

Delta R.T. 0.006 min

Lab File: VW031672.D

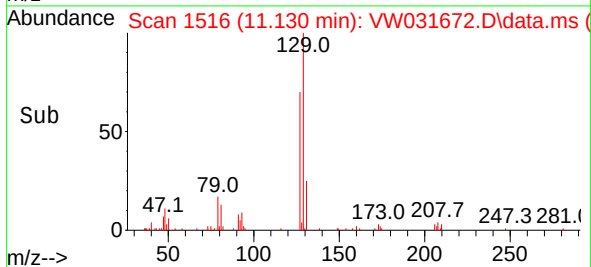
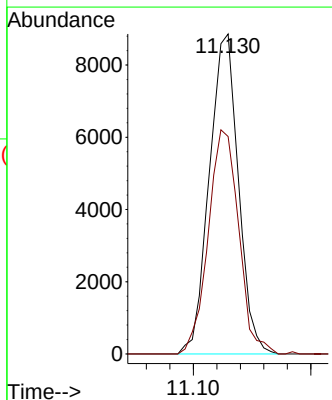
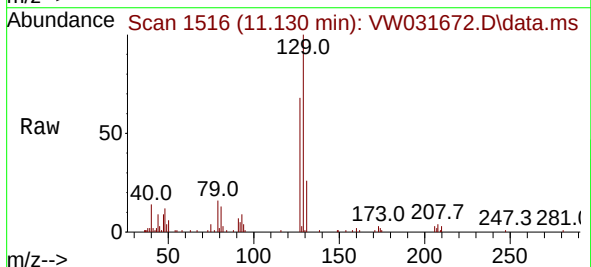
Acq: 31 Jan 2025 17:21

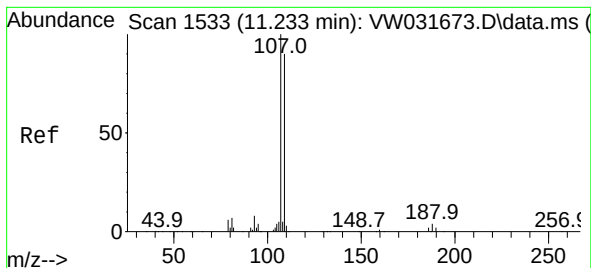
Tgt Ion:129 Resp: 15217

Ion Ratio Lower Upper

129 100

127 68.0 56.4 104.7

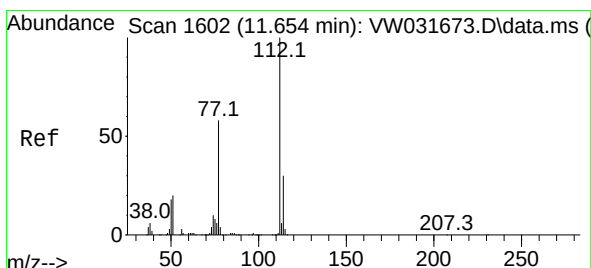
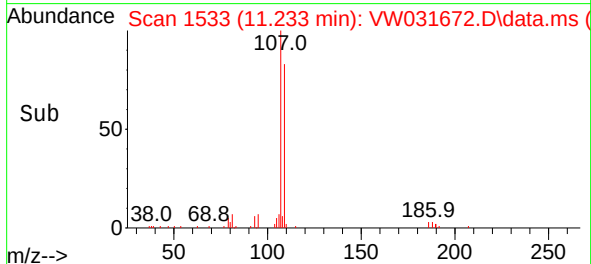
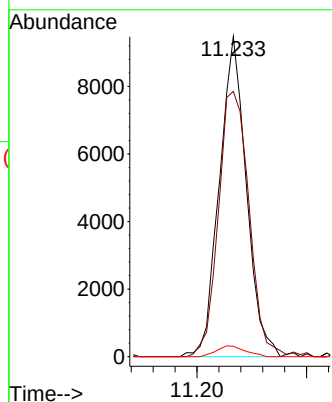
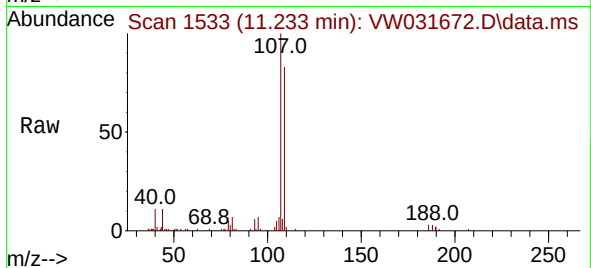




#50
1,2-Dibromoethane
Concen: 5.262 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. 0.000 min
Lab File: VW031672.D
Acq: 31 Jan 2025 17:21

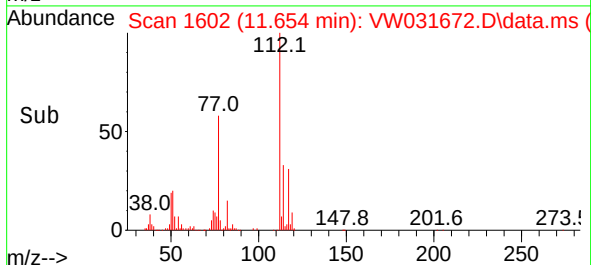
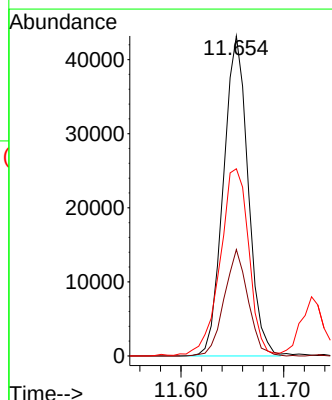
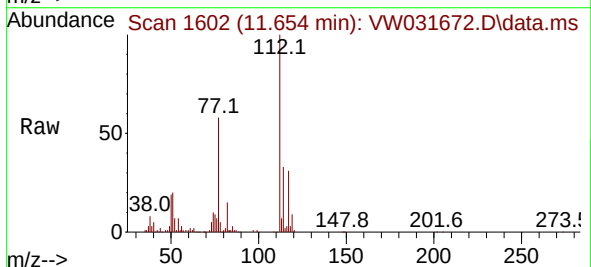
Instrument :
MSVOA_W
ClientSampleId :

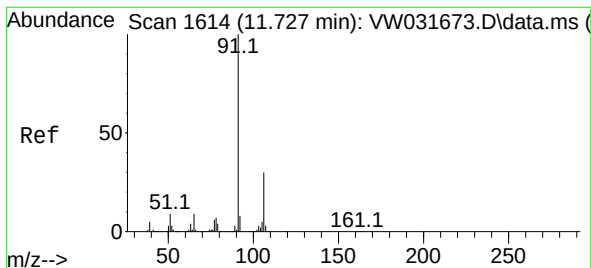
Tgt Ion:	107	Resp:	16218
Ion	Ratio	Lower	Upper
107	100		
109	82.9	62.9	116.7
188	3.2	3.0	4.4



#51
Chlorobenzene
Concen: 5.245 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VW031672.D
Acq: 31 Jan 2025 17:21

Tgt Ion:	112	Resp:	71981
Ion	Ratio	Lower	Upper
112	100		
114	33.3	21.1	39.3
77	58.5	46.6	69.8

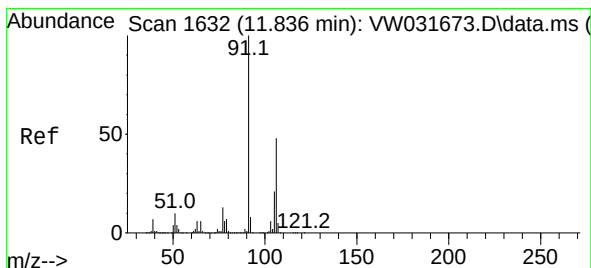
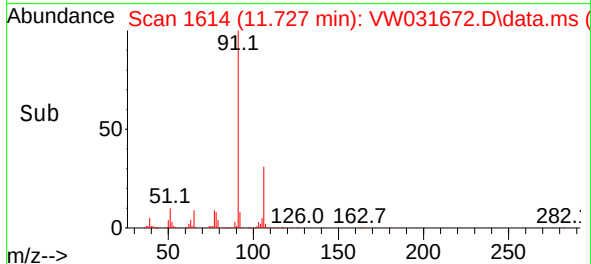
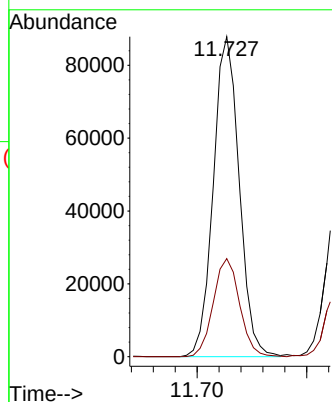
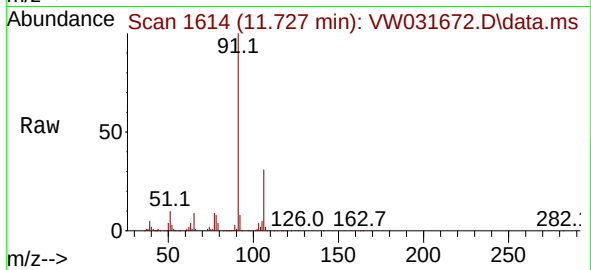




#52
Ethylbenzene
Concen: 5.471 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW031672.D
Acq: 31 Jan 2025 17:21

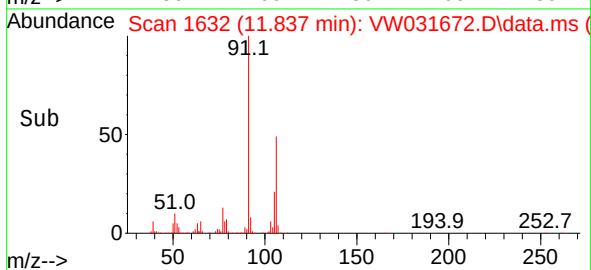
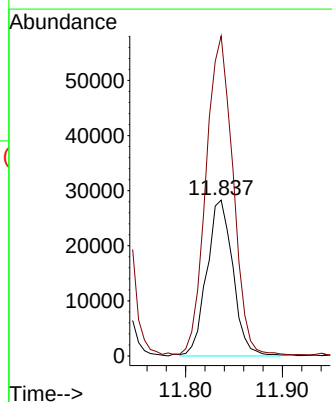
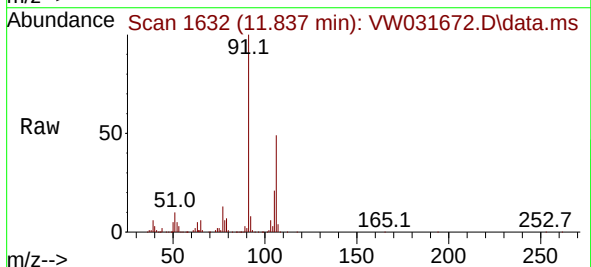
Instrument :
MSVOA_W
ClientSampleId :

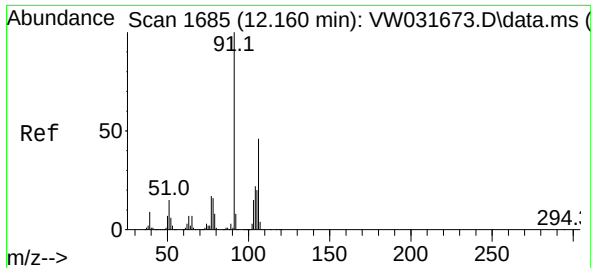
Tgt Ion: 91 Resp: 144119
Ion Ratio Lower Upper
91 100
106 30.7 21.3 39.5



#53
m,p-Xylene
Concen: 5.344 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW031672.D
Acq: 31 Jan 2025 17:21

Tgt Ion:106 Resp: 53049
Ion Ratio Lower Upper
106 100
91 205.4 147.2 273.4

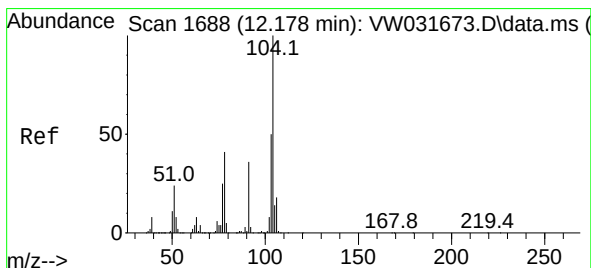
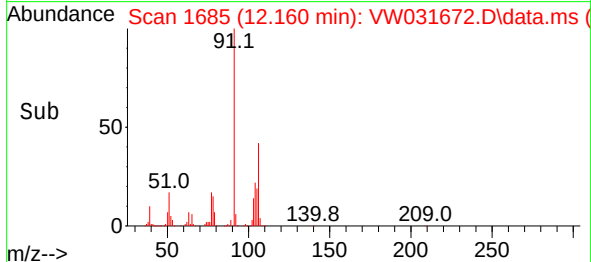
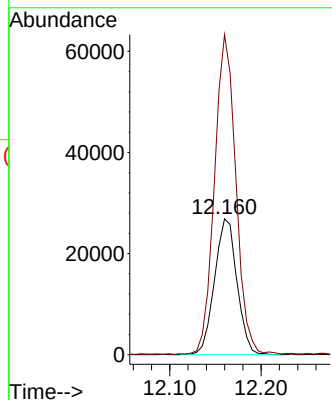
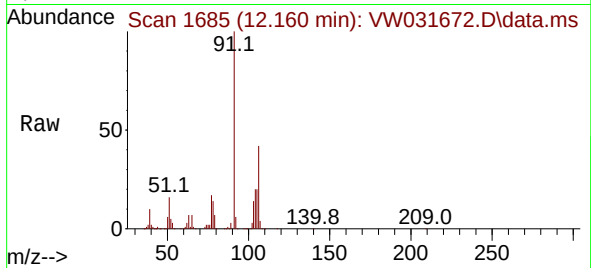




#54
o-Xylene
Concen: 5.026 ug/L
RT: 12.160 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VW031672.D
Acq: 31 Jan 2025 17:21

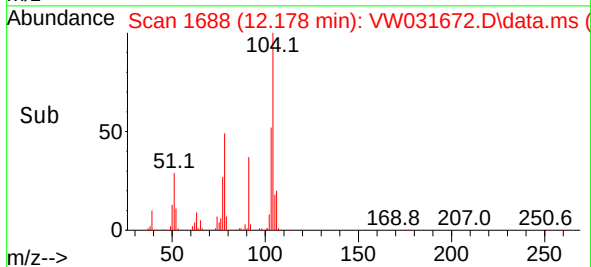
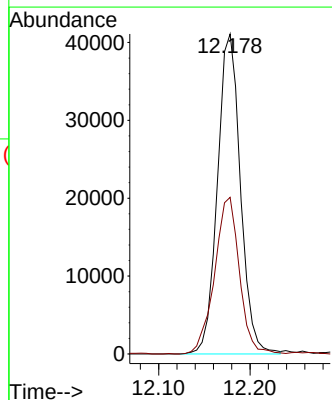
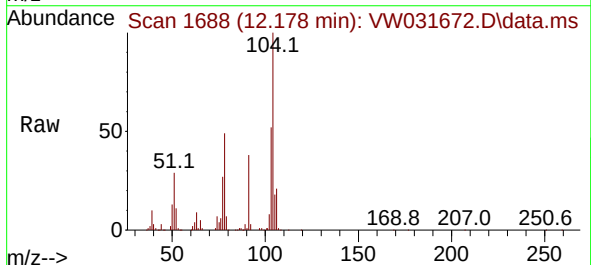
Instrument :
MSVOA_W
ClientSampleId :

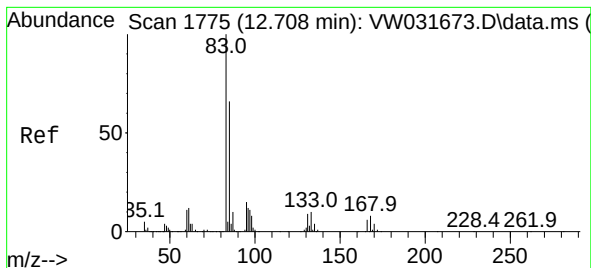
Tgt Ion:106 Resp: 45837
Ion Ratio Lower Upper
106 100
91 235.5 152.7 283.7



#55
Styrene
Concen: 4.821 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW031672.D
Acq: 31 Jan 2025 17:21

Tgt Ion:104 Resp: 71738
Ion Ratio Lower Upper
104 100
78 49.0 29.0 53.9





#57

1,1,2,2-Tetrachloroethane

Concen: 6.061 ug/L

RT: 12.709 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW031672.D

Acq: 31 Jan 2025 17:21

Instrument :

MSVOA_W

ClientSampleId :

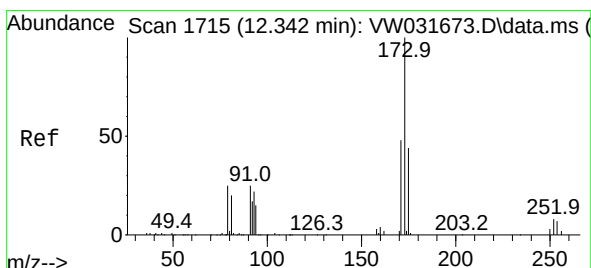
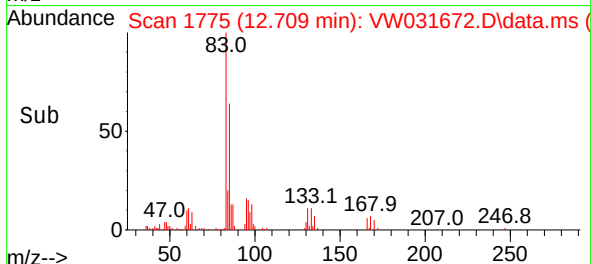
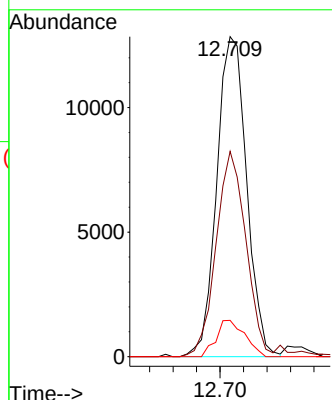
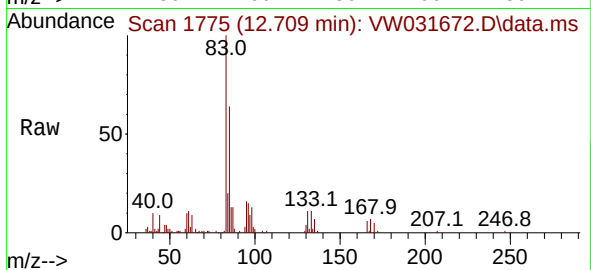
Tgt Ion: 83 Resp: 22697

Ion Ratio Lower Upper

83 100

85 64.2 46.3 86.1

131 11.4 7.1 10.7#



#59

Bromoform

Concen: 2.684 ug/L

RT: 12.343 min Scan# 1715

Delta R.T. 0.000 min

Lab File: VW031672.D

Acq: 31 Jan 2025 17:21

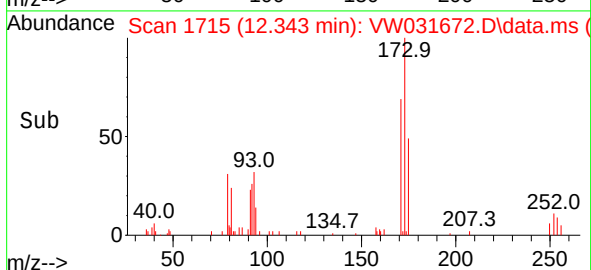
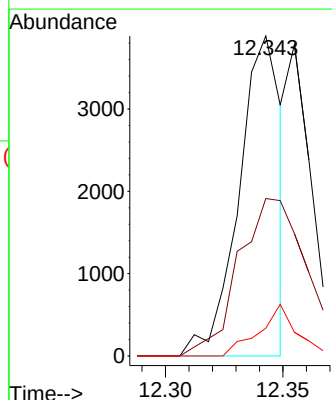
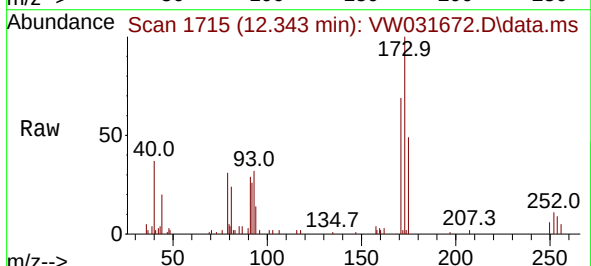
Tgt Ion:173 Resp: 4880

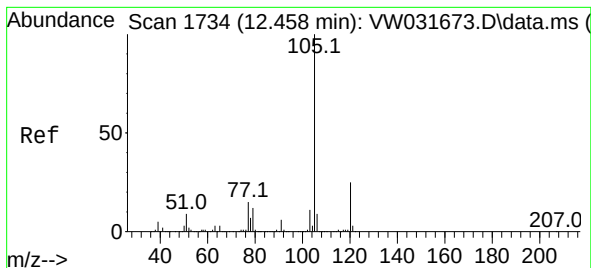
Ion Ratio Lower Upper

173 100

175 78.2 37.3 55.9#

254 14.1 6.9 10.3#





#60

Isopropylbenzene

Concen: 5.680 ug/L

RT: 12.459 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW031672.D

Acq: 31 Jan 2025 17:21

Instrument :

MSVOA_W

ClientSampleId :

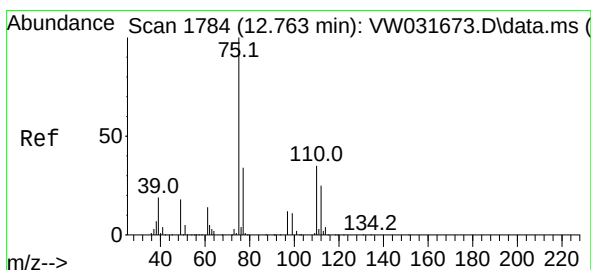
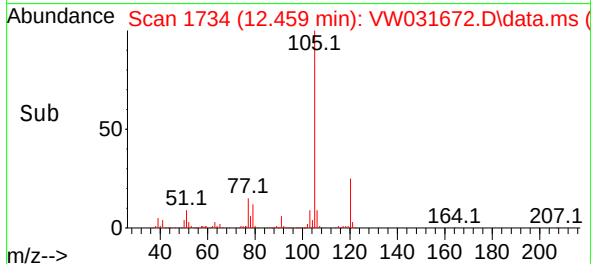
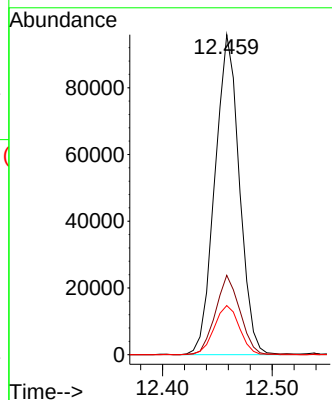
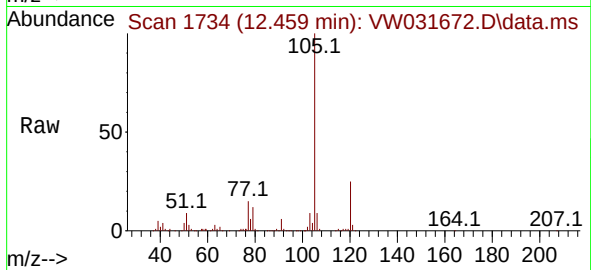
Tgt Ion:105 Resp: 148792

Ion Ratio Lower Upper

105 100

120 24.7 20.7 31.1

77 15.7 12.6 18.8



#61

1,2,3-Trichloropropane

Concen: 6.450 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VW031672.D

Acq: 31 Jan 2025 17:21

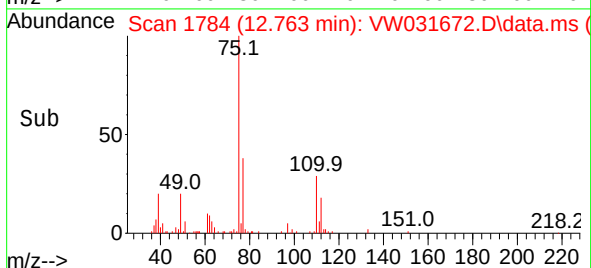
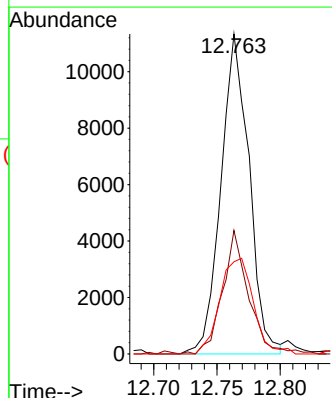
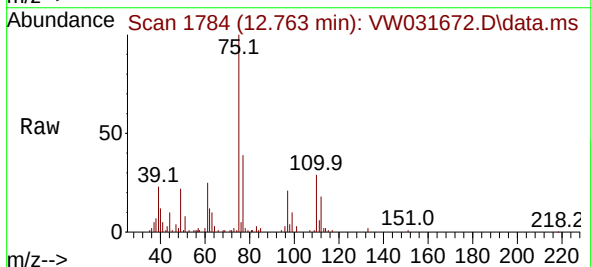
Tgt Ion: 75 Resp: 17563

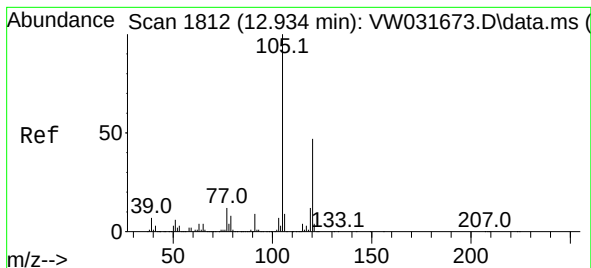
Ion Ratio Lower Upper

75 100

77 35.6 27.4 41.2

110 35.1 29.8 44.8

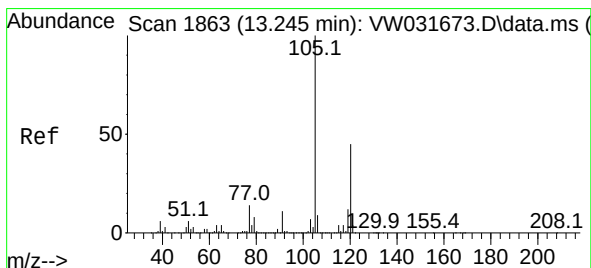
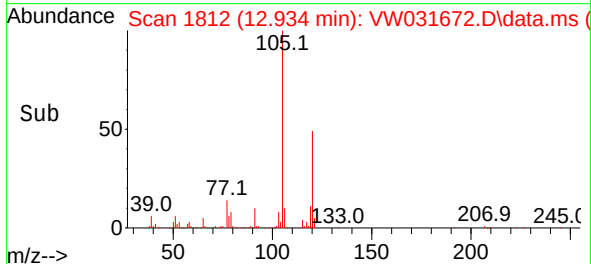
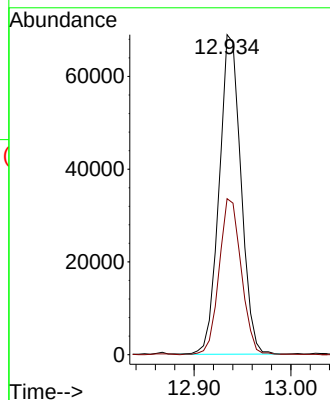
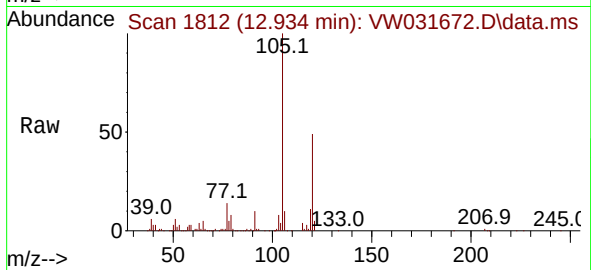




#62
1,3,5-Trimethylbenzene
Concen: 5.089 ug/L
RT: 12.934 min Scan# 1812
Delta R.T. 0.000 min
Lab File: VW031672.D
Acq: 31 Jan 2025 17:21

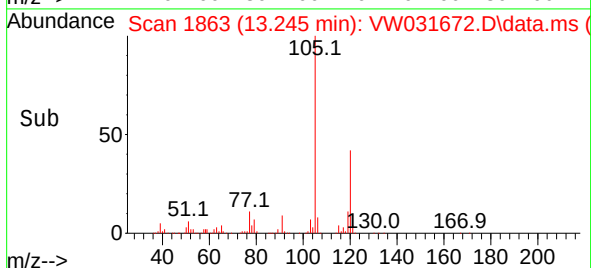
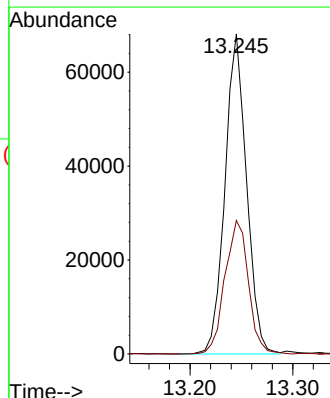
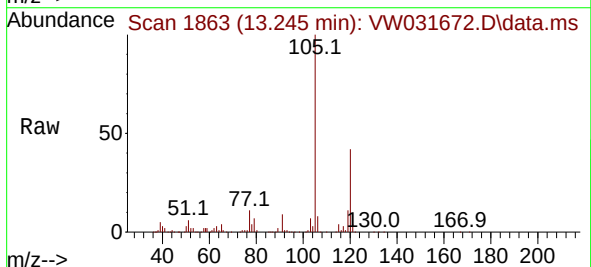
Instrument :
MSVOA_W
ClientSampleId :

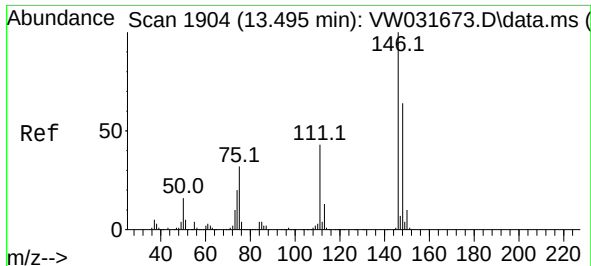
Tgt Ion:105 Resp: 107559
Ion Ratio Lower Upper
105 100
120 49.8 38.6 57.8



#63
1,2,4-Trimethylbenzene
Concen: 4.922 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW031672.D
Acq: 31 Jan 2025 17:21

Tgt Ion:105 Resp: 99178
Ion Ratio Lower Upper
105 100
120 45.4 35.1 52.7

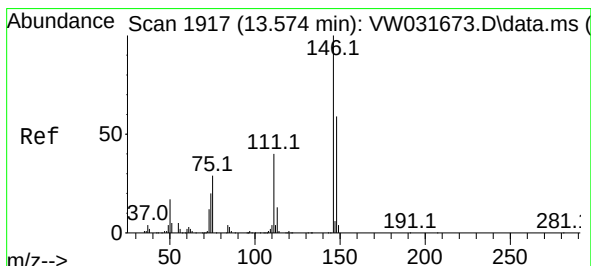
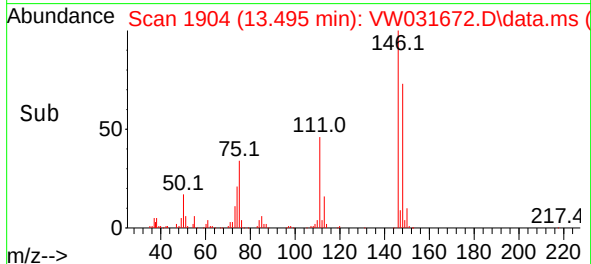
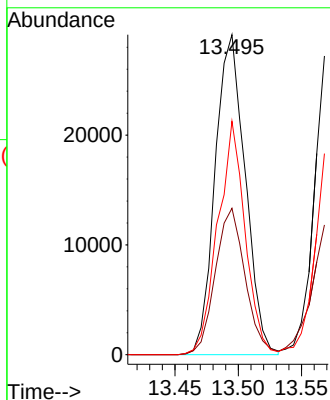
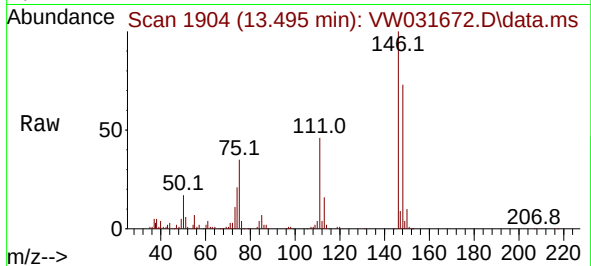




#64
1,3-Dichlorobenzene
Concen: 4.861 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW031672.D
Acq: 31 Jan 2025 17:21

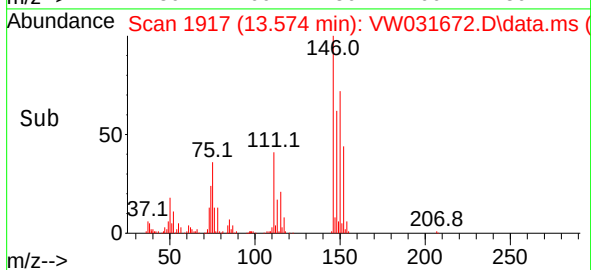
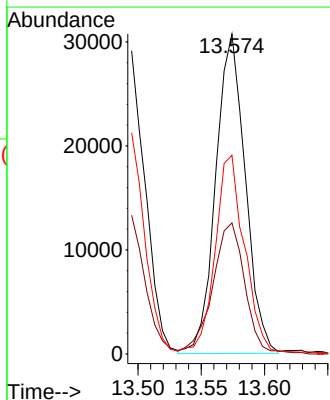
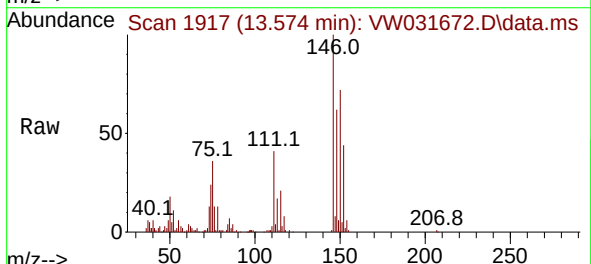
Instrument :
MSVOA_W
ClientSampleId :

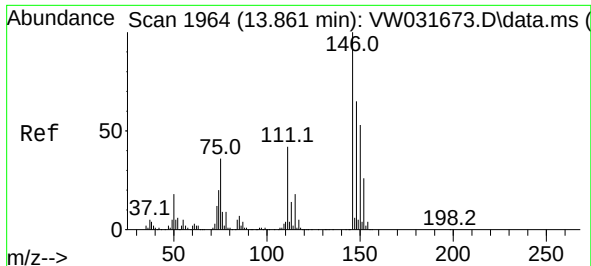
Tgt Ion:146 Resp: 48159
Ion Ratio Lower Upper
146 100
111 45.8 30.2 56.2
148 73.0 44.9 83.5



#65
1,4-Dichlorobenzene
Concen: 5.118 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW031672.D
Acq: 31 Jan 2025 17:21

Tgt Ion:146 Resp: 49790
Ion Ratio Lower Upper
146 100
111 40.9 28.1 52.3
148 62.1 41.4 77.0

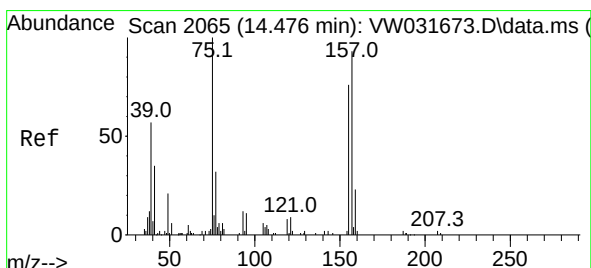
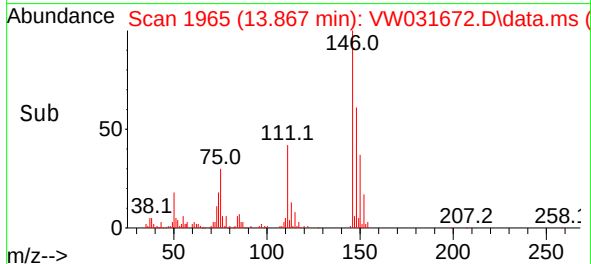
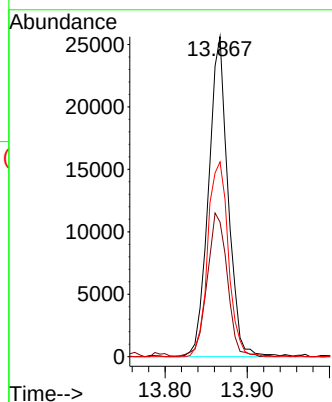
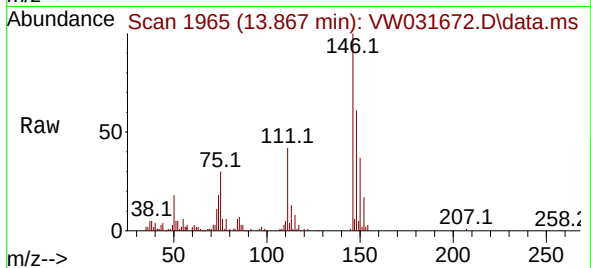




#67
1,2-Dichlorobenzene
Concen: 5.064 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. 0.006 min
Lab File: VW031672.D
Acq: 31 Jan 2025 17:21

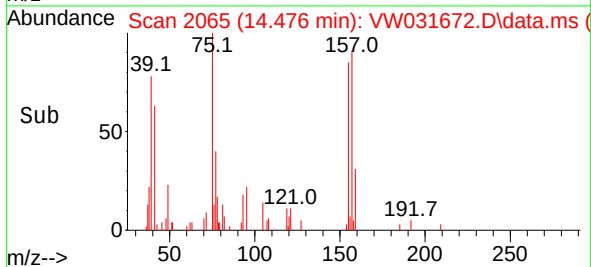
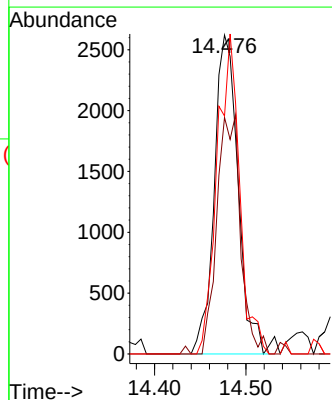
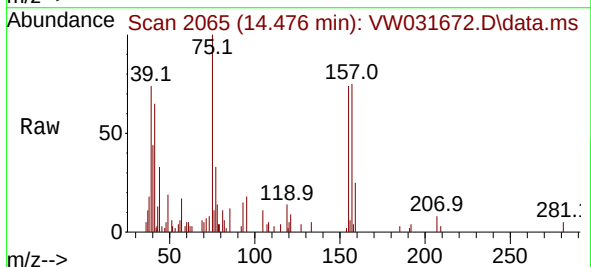
Instrument :
MSVOA_W
ClientSampleId :

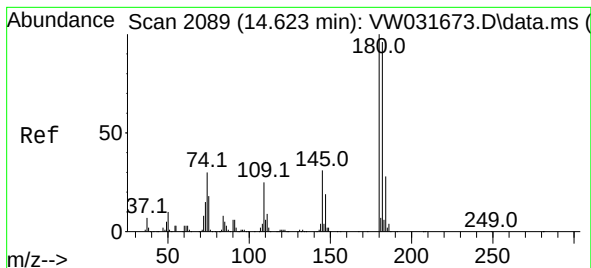
Tgt Ion:146 Resp: 42229
Ion Ratio Lower Upper
146 100
111 42.0 33.4 50.0
148 60.8 51.6 77.4



#68
1,2-Dibromo-3-chloropropane
Concen: 7.431 ug/L
RT: 14.476 min Scan# 2065
Delta R.T. 0.000 min
Lab File: VW031672.D
Acq: 31 Jan 2025 17:21

Tgt Ion: 75 Resp: 4793
Ion Ratio Lower Upper
75 100
155 74.2 60.6 91.0
157 74.6 74.1 111.1





#69

1,3,5-Trichlorobenzene

Concen: 5.266 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

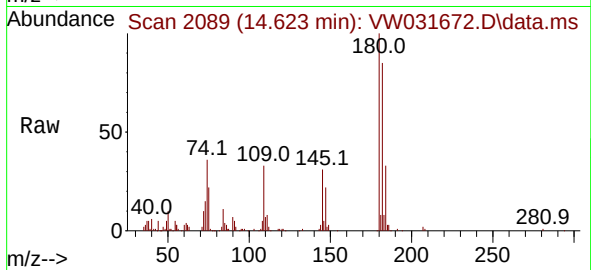
Lab File: VW031672.D

Acq: 31 Jan 2025 17:21

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 35171

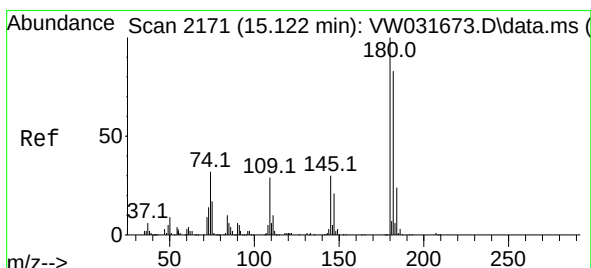
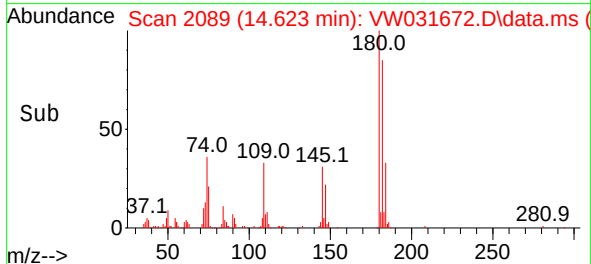
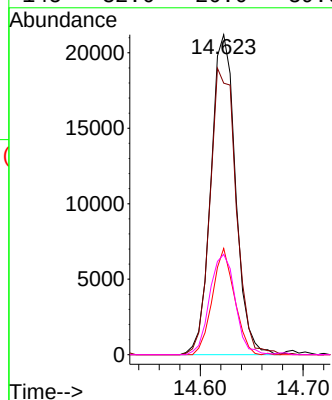
Ion Ratio Lower Upper

180 100

182 93.8 75.1 112.7

184 29.8 23.7 35.5

145 32.6 26.0 39.0



#70

1,2,4-trichlorobenzene

Concen: 4.800 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.006 min

Lab File: VW031672.D

Acq: 31 Jan 2025 17:21

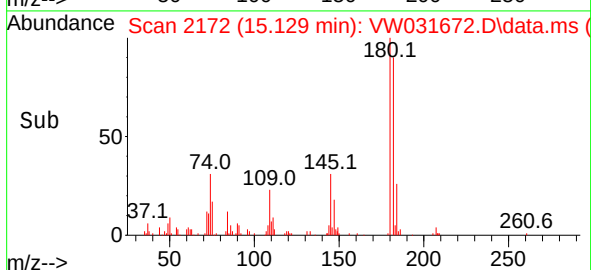
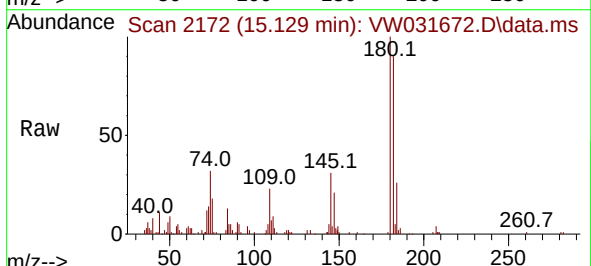
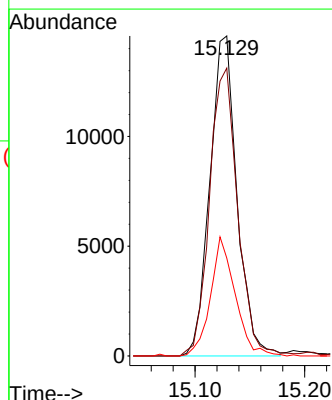
Tgt Ion:180 Resp: 25046

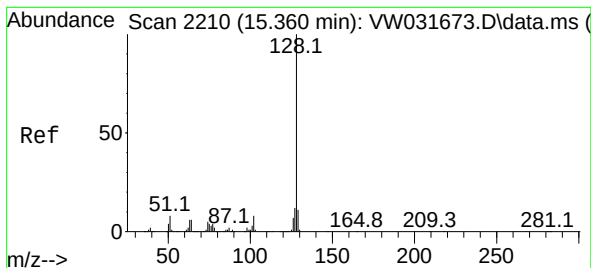
Ion Ratio Lower Upper

180 100

182 93.1 73.0 109.4

145 32.9 26.7 40.1





#71

Naphthalene

Concen: 5.476 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. 0.000 min

Lab File: VW031672.D

Acq: 31 Jan 2025 17:21

Instrument :

MSVOA_W

ClientSampleId :

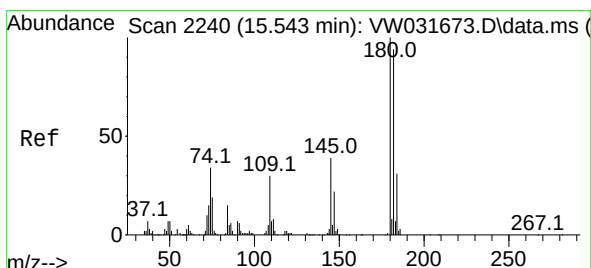
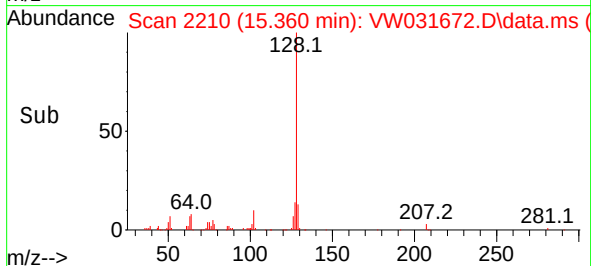
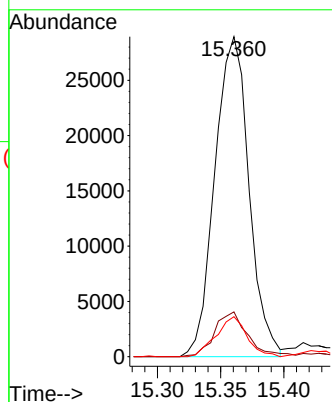
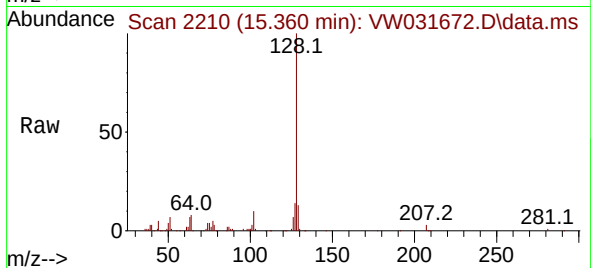
Tgt Ion:128 Resp: 54305

Ion Ratio Lower Upper

128 100

127 13.6 9.9 14.9

129 11.3 9.0 13.4



#72

1,2,3-Trichlorobenzene

Concen: 4.941 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. 0.006 min

Lab File: VW031672.D

Acq: 31 Jan 2025 17:21

Tgt Ion:180 Resp: 21829

Ion Ratio Lower Upper

180 100

182 93.8 78.2 117.4

145 37.3 30.2 45.4

