

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW012925\
 Data File : VW031636.D
 Acq On : 29 Jan 2025 13:06
 Operator : SY/MD
 Sample : Q1189-22DL 4X
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jan 30 07:30:52 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011025SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Jan 30 07:28:52 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	595037	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	518567	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	251191	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.357	65	144580	15.484	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	61.920%
7) Chloroethane-d5	2.893	69	116525	17.475	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.880%
11) 1,1-Dichloroethene-d2	4.015	65	76698	18.462	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	73.840%
21) 2-Butanone-d5	7.087	46	91429	60.913	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	121.820%
24) Chloroform-d	7.642	84	362751	23.556	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.240%
26) 1,2-Dichloroethane-d4	8.301	65	192171	25.354	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.400%
32) Benzene-d6	8.270	84	732421	22.485	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.960%
36) 1,2-Dichloropropane-d6	9.270	67	225522	23.449	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.800%
41) Toluene-d8	10.319	98	657393	22.357	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.440%
43) trans-1,3-Dichloroprop...	10.575	79	92697	23.471	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.880%
47) 2-Hexanone-d5	10.922	63	63503	64.702	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	129.400%
56) 1,1,2,2-Tetrachloroeth...	12.684	84	174747	29.712	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	118.840%
66) 1,2-Dichlorobenzene-d4	13.848	152	210808	23.928	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.720%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	4.039	96	104155	13.154	ug/L #	79
13) Acetone	4.155	43	11549	9.998	ug/L #	63
16) Methylene chloride	4.917	84	93980	11.597	ug/L	93
17) trans-1,2-Dichloroethene	5.423	96	93368	10.979	ug/L	97
18) Methyl tert-butyl Ether	5.423	73	87776	6.437	ug/L	99
19) 1,1-Dichloroethane	6.216	63	168135	10.508	ug/L	99
20) cis-1,2-Dichloroethene	7.161	96	200041	22.031	ug/L	96
22) 2-Butanone	7.179	43	126798	64.269	ug/L	100
25) Chloroform	7.673	83	277788	18.253	ug/L	97
27) 1,2-Dichloroethane	8.398	62	65124	6.948	ug/L	97
31) Carbon tetrachloride	8.069	117	119151	9.983	ug/L	100
33) Benzene	8.319	78	343956	9.691	ug/L	100
34) Trichloroethene	9.087	95	87784	9.200	ug/L	98
37) 1,2-Dichloropropane	9.361	63	32304	3.621	ug/L	100
38) Bromodichloromethane	9.642	83	200738	18.604	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	273519	19.492	ug/L	98
40) 4-Methyl-2-pentanone	10.203	43	122111	27.425	ug/L	99
42) Toluene	10.386	91	304127	8.198	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	132200	11.786	ug/L	99

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

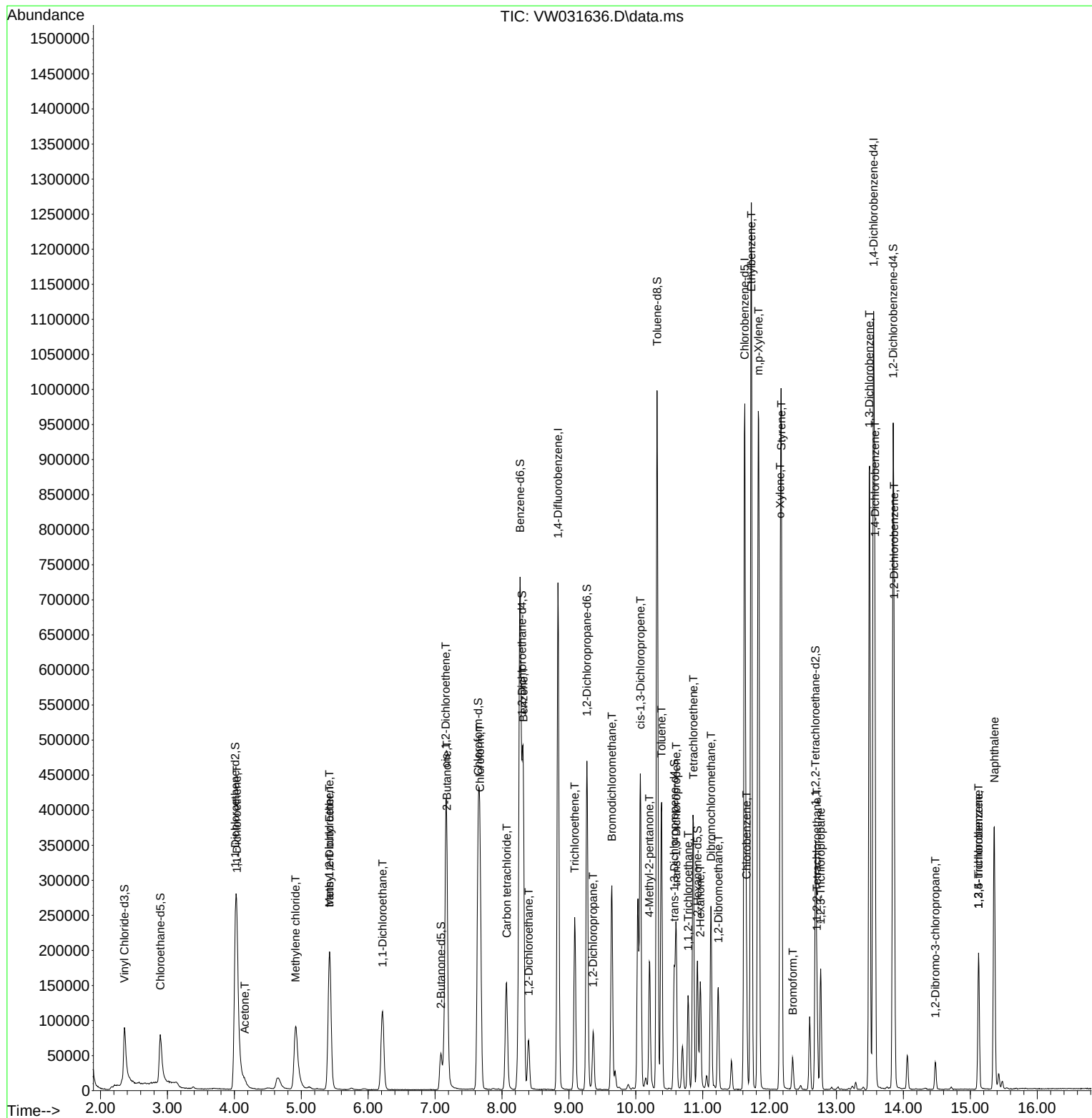
45) 1,1,2-Trichloroethane	10.782	97	41691	7.292	ug/L	93
46) Tetrachloroethene	10.861	164	82534	12.053	ug/L	89
48) 2-Hexanone	10.965	43	98898	36.347	ug/L	99
49) Dibromochloromethane	11.123	129	137774	21.900	ug/L	95
50) 1,2-Dibromoethane	11.233	107	101001	19.060	ug/L	99
51) Chlorobenzene	11.654	112	96673	4.220	ug/L	99
52) Ethylbenzene	11.727	91	436076	10.244	ug/L	100
53) m,p-Xylene	11.837	106	323069	19.905	ug/L	95
54) o-Xylene	12.160	106	138326	9.170	ug/L	100
55) Styrene	12.178	104	367014	14.623	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.708	83	56952	9.065	ug/L	99
59) Bromoform	12.349	173	19848	5.930	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	73332	15.546	ug/L	99
64) 1,3-Dichlorobenzene	13.489	146	351892	20.219	ug/L	93
65) 1,4-Dichlorobenzene	13.574	146	242668	14.098	ug/L	97
67) 1,2-Dichlorobenzene	13.861	146	105152	7.075	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.476	75	10874	10.311	ug/L	97
69) 1,3,5-Trichlorobenzene	15.123	180	57522	4.877	ug/L	98
70) 1,2,4-trichlorobenzene	15.123	180	57522	6.123	ug/L	98
71) Naphthalene	15.360	128	327538	18.594	ug/L	99

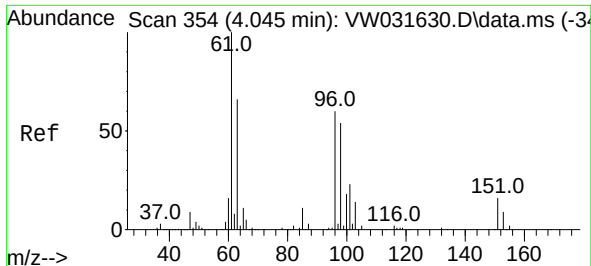
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
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#12

1,1-Dichloroethene

Concen: 13.154 ug/L

RT: 4.039 min Scan# 354

Delta R.T. -0.006 min

Lab File: VW031636.D

Acq: 29 Jan 2025 13:06

Instrument :

MSVOA_W

ClientSampleId :

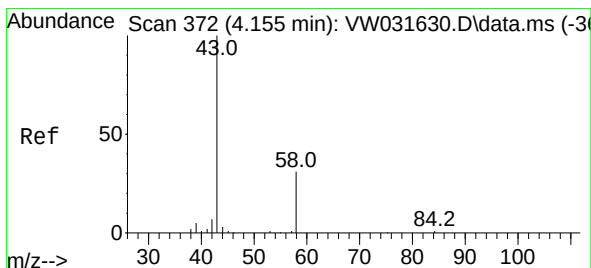
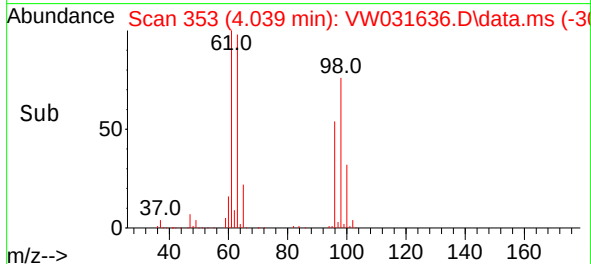
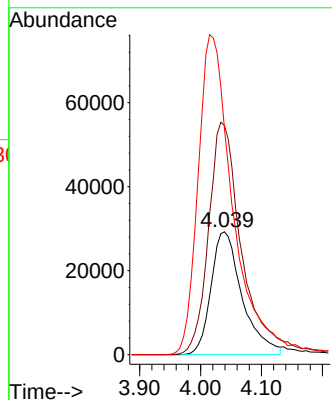
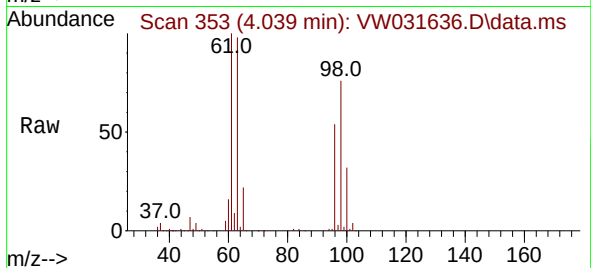
Tgt Ion: 96 Resp: 104155

Ion Ratio Lower Upper

96 100

61 186.4 123.8 230.0

63 183.1 94.1 174.8#



#13

Acetone

Concen: 9.998 ug/L

RT: 4.155 min Scan# 372

Delta R.T. 0.000 min

Lab File: VW031636.D

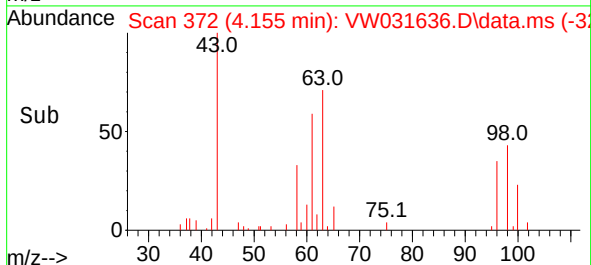
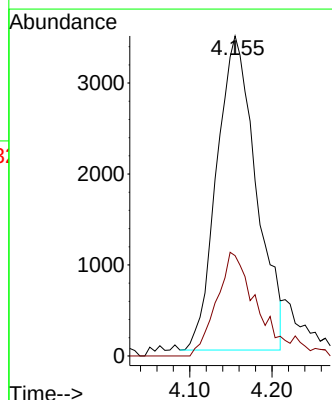
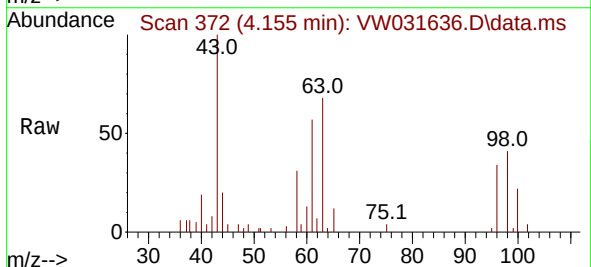
Acq: 29 Jan 2025 13:06

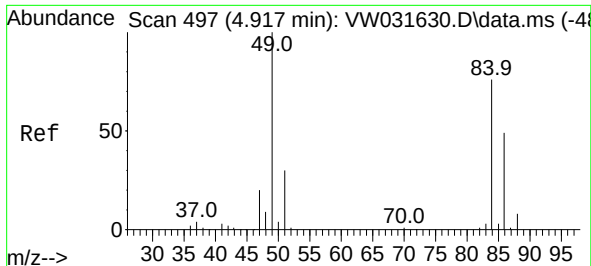
Tgt Ion: 43 Resp: 11549

Ion Ratio Lower Upper

43 100

58 29.1 0.0 28.2#

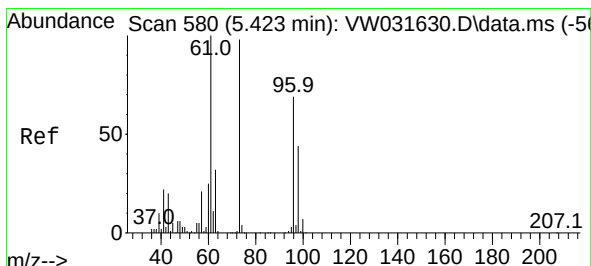
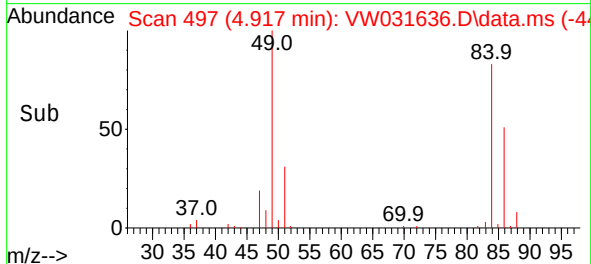
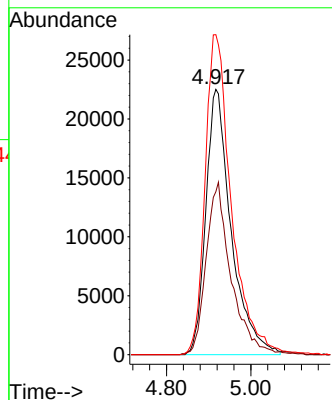
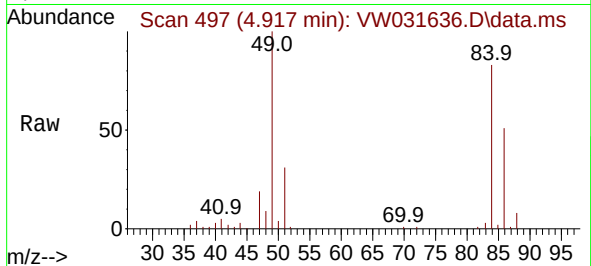




#16
Methylene chloride
Concen: 11.597 ug/L
RT: 4.917 min Scan# 497
Delta R.T. 0.000 min
Lab File: VW031636.D
Acq: 29 Jan 2025 13:06

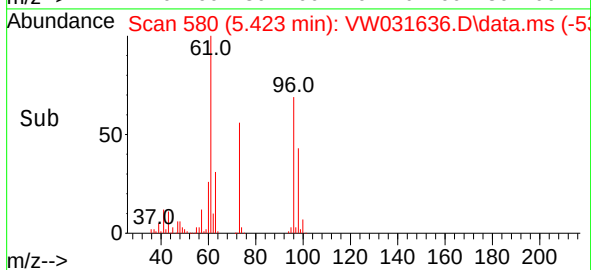
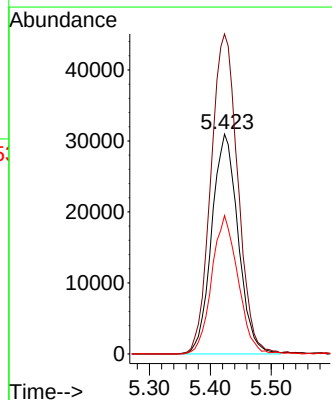
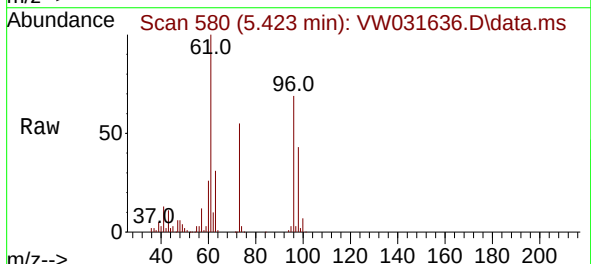
Instrument :
MSVOA_W
ClientSampleId :

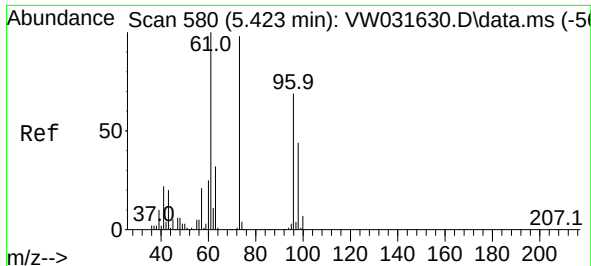
Tgt Ion: 84 Resp: 93980
Ion Ratio Lower Upper
84 100
86 61.4 47.0 87.2
49 120.6 89.8 166.8



#17
trans-1,2-Dichloroethene
Concen: 10.979 ug/L
RT: 5.423 min Scan# 580
Delta R.T. 0.000 min
Lab File: VW031636.D
Acq: 29 Jan 2025 13:06

Tgt Ion: 96 Resp: 93368
Ion Ratio Lower Upper
96 100
61 145.5 105.1 195.1
98 62.9 44.9 83.3





#18

Methyl tert-butyl Ether

Concen: 6.437 ug/L

RT: 5.423 min Scan# 580

Delta R.T. 0.000 min

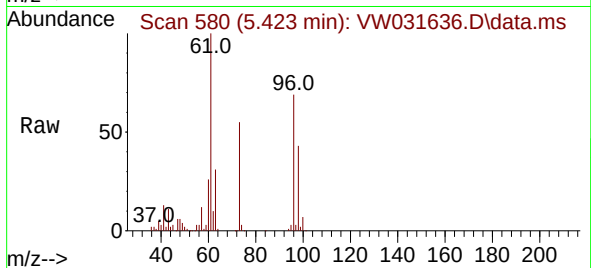
Lab File: VW031636.D

Acq: 29 Jan 2025 13:06

Instrument :

MSVOA_W

ClientSampleId :



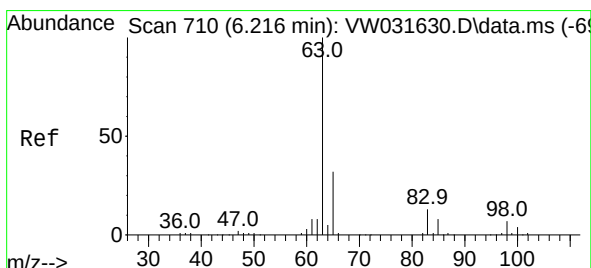
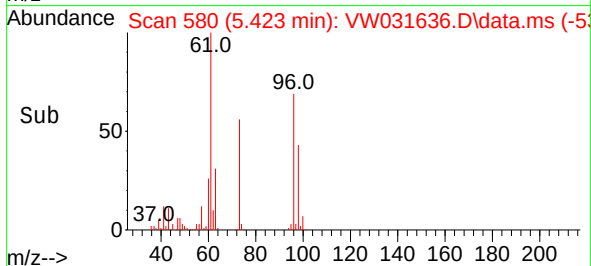
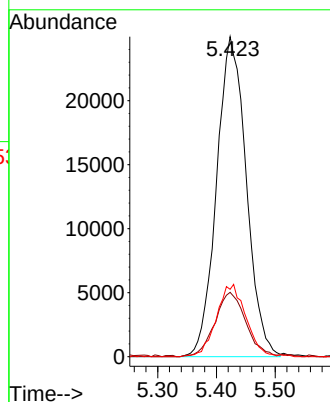
Tgt Ion: 73 Resp: 87776

Ion Ratio Lower Upper

73 100

43 21.0 16.4 24.6

57 22.3 18.2 27.2



#19

1,1-Dichloroethane

Concen: 10.508 ug/L

RT: 6.216 min Scan# 710

Delta R.T. 0.000 min

Lab File: VW031636.D

Acq: 29 Jan 2025 13:06

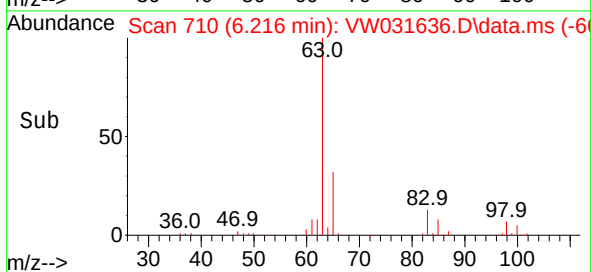
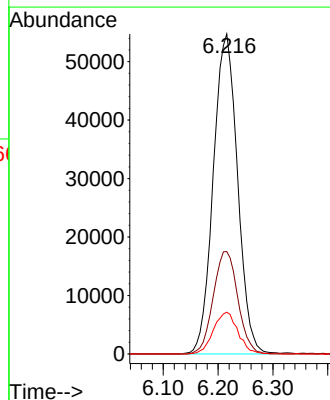
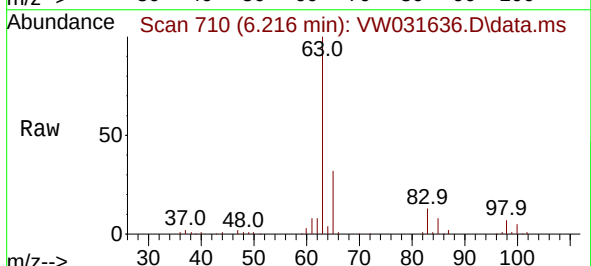
Tgt Ion: 63 Resp: 168135

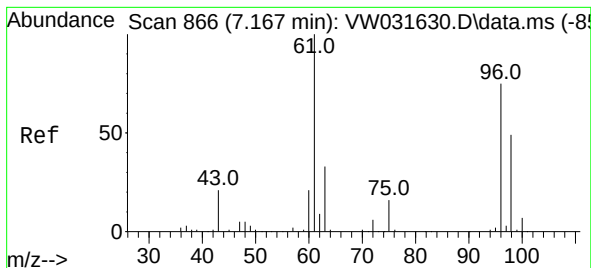
Ion Ratio Lower Upper

63 100

65 32.0 22.0 41.0

83 13.0 9.0 16.6





#20

cis-1,2-Dichloroethene

Concen: 22.031 ug/L

RT: 7.161 min Scan# 866

Delta R.T. -0.006 min

Lab File: VW031636.D

Acq: 29 Jan 2025 13:06

Instrument :

MSVOA_W

ClientSampleId :

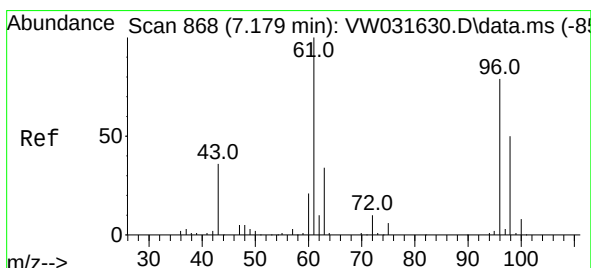
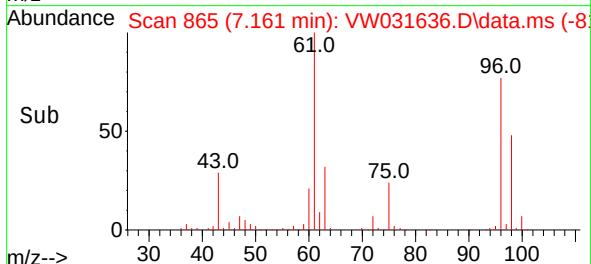
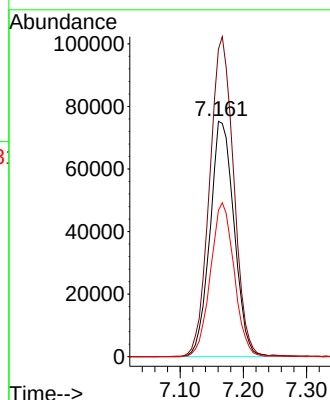
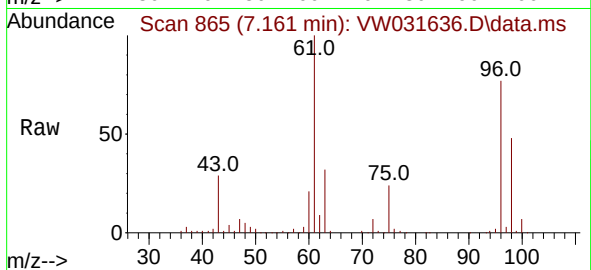
Tgt Ion: 96 Resp: 200041

Ion Ratio Lower Upper

96 100

61 130.6 94.8 176.2

98 62.2 45.6 84.8



#22

2-Butanone

Concen: 64.269 ug/L

RT: 7.179 min Scan# 868

Delta R.T. 0.000 min

Lab File: VW031636.D

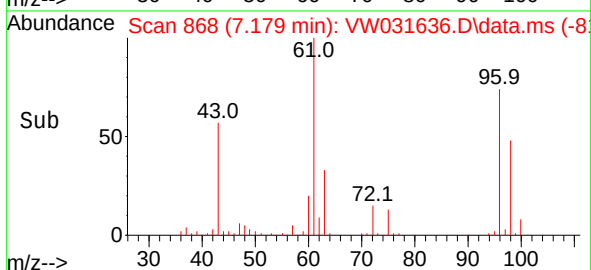
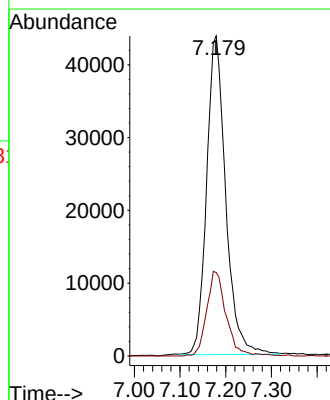
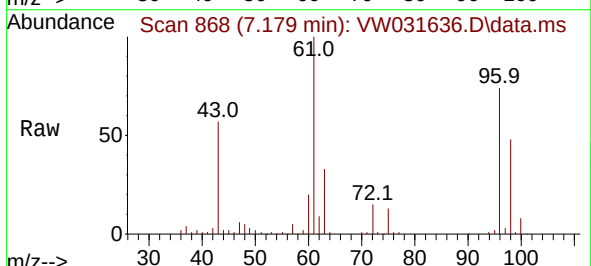
Acq: 29 Jan 2025 13:06

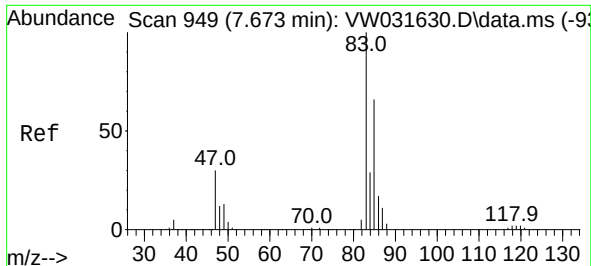
Tgt Ion: 43 Resp: 126798

Ion Ratio Lower Upper

43 100

72 26.0 13.2 39.5

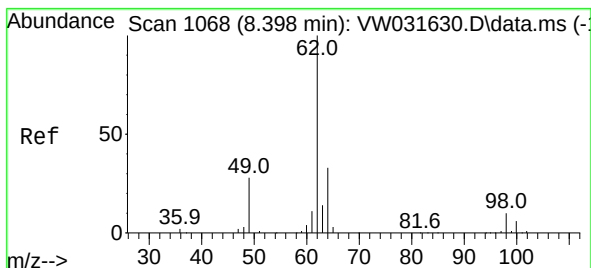
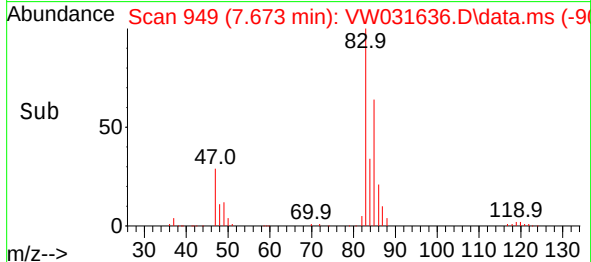
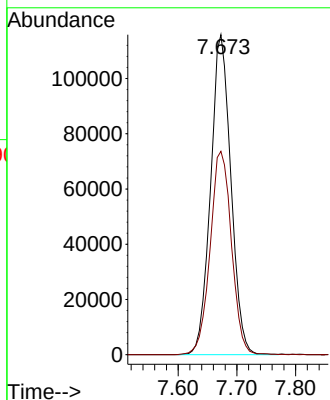
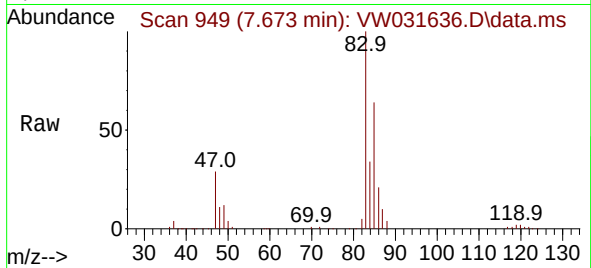




#25
Chloroform
Concen: 18.253 ug/L
RT: 7.673 min Scan# 949
Delta R.T. 0.000 min
Lab File: VW031636.D
Acq: 29 Jan 2025 13:06

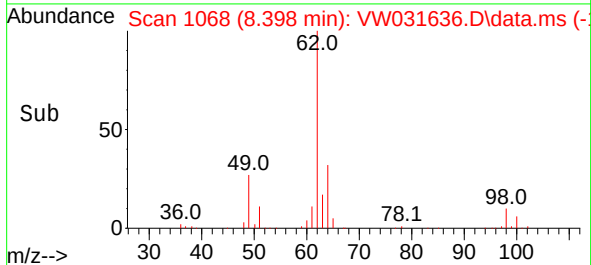
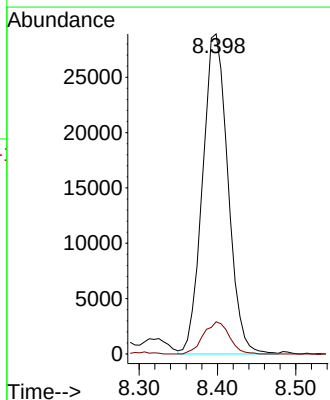
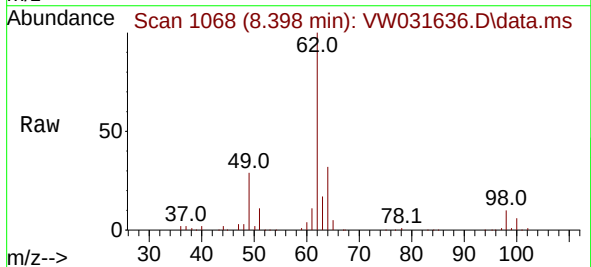
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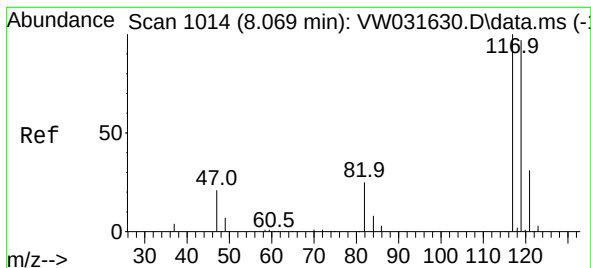
Tgt Ion: 83 Resp: 277788
Ion Ratio Lower Upper
83 100
85 63.5 46.2 85.8



#27
1,2-Dichloroethane
Concen: 6.948 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VW031636.D
Acq: 29 Jan 2025 13:06

Tgt Ion: 62 Resp: 65124
Ion Ratio Lower Upper
62 100
98 10.1 7.3 10.9





#31

Carbon tetrachloride

Concen: 9.983 ug/L

RT: 8.069 min Scan# 1014

Delta R.T. 0.000 min

Lab File: VW031636.D

Acq: 29 Jan 2025 13:06

Instrument :

MSVOA_W

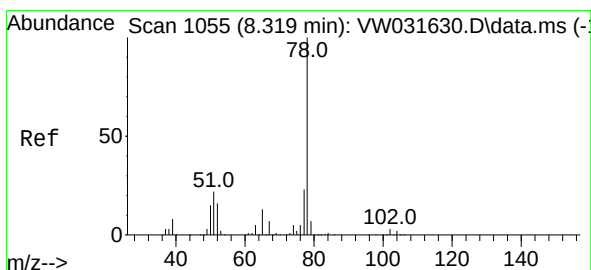
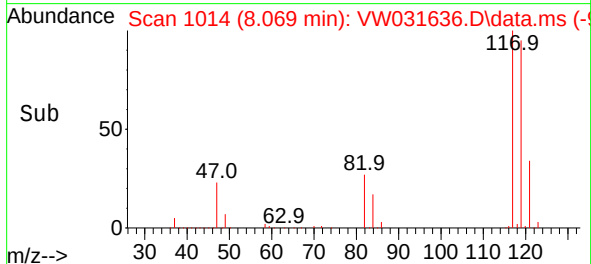
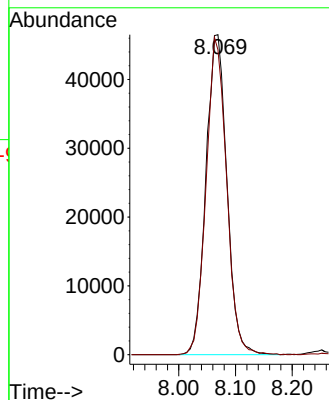
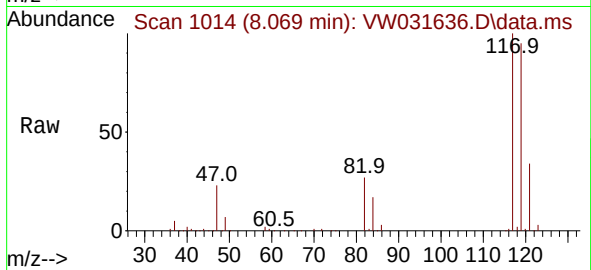
ClientSampleId :

Tgt Ion:117 Resp: 119151

Ion Ratio Lower Upper

117 100

119 96.5 77.4 116.0



#33

Benzene

Concen: 9.691 ug/L

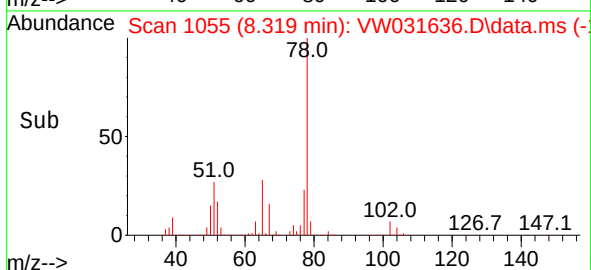
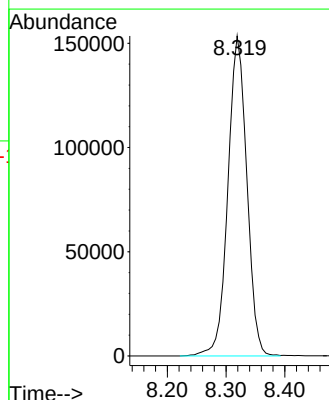
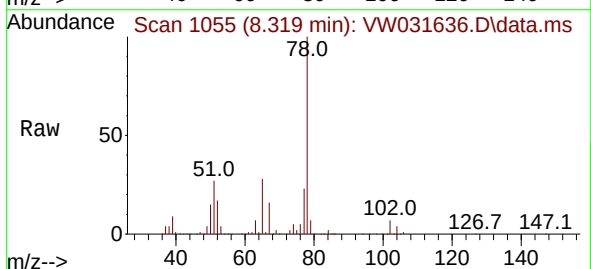
RT: 8.319 min Scan# 1055

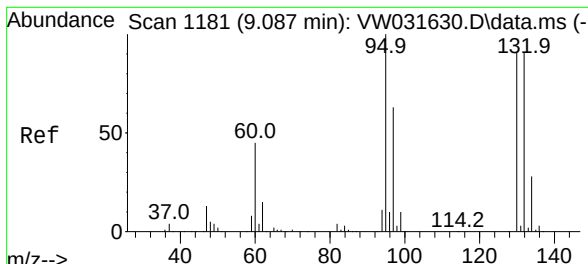
Delta R.T. 0.000 min

Lab File: VW031636.D

Acq: 29 Jan 2025 13:06

Tgt Ion: 78 Resp: 343956



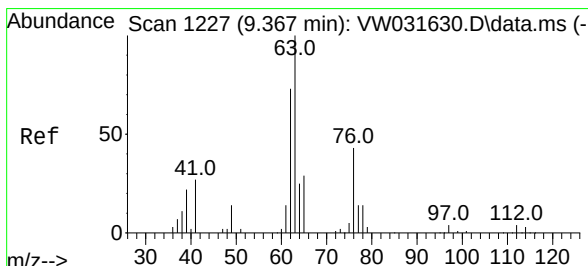
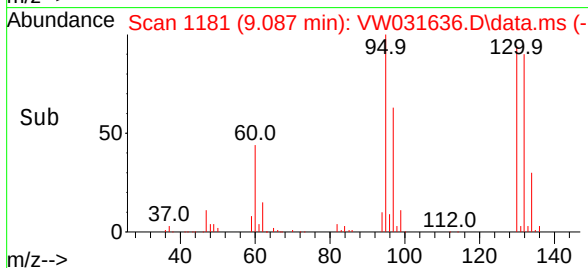
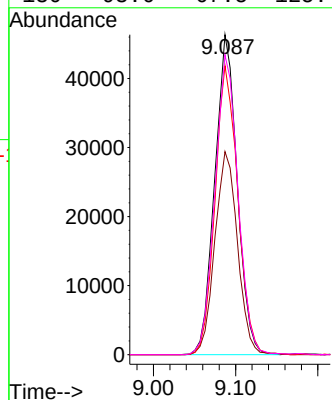
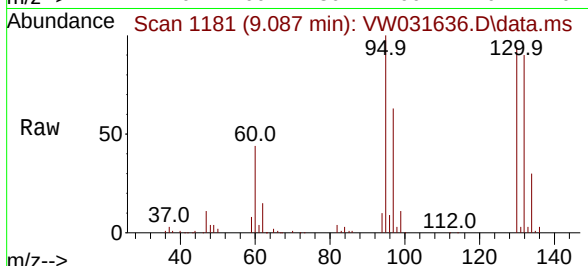


#34
 Trichloroethene
 Concen: 9.200 ug/L
 RT: 9.087 min Scan# 1181
 Delta R.T. 0.000 min
 Lab File: VW031636.D
 Acq: 29 Jan 2025 13:06

Instrument :
 MSVOA_W
 ClientSampleId :

Tgt Ion: 95 Resp: 87784

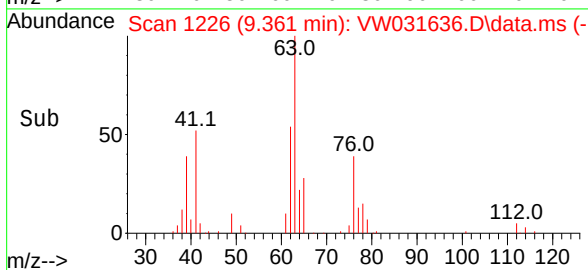
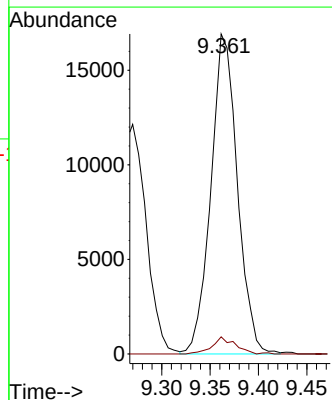
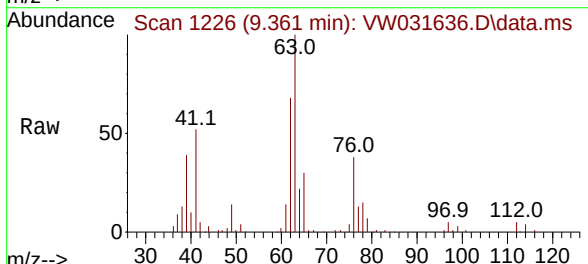
Ion	Ratio	Lower	Upper
95	100		
97	63.4	44.0	81.6
132	90.3	64.6	120.0
130	93.6	67.5	125.4

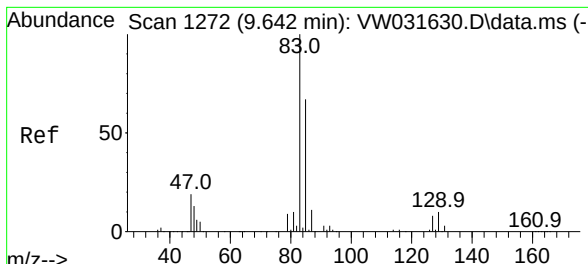


#37
 1,2-Dichloropropane
 Concen: 3.621 ug/L
 RT: 9.361 min Scan# 1226
 Delta R.T. -0.006 min
 Lab File: VW031636.D
 Acq: 29 Jan 2025 13:06

Tgt Ion: 63 Resp: 32304

Ion	Ratio	Lower	Upper
63	100		
112	4.6	3.6	5.4

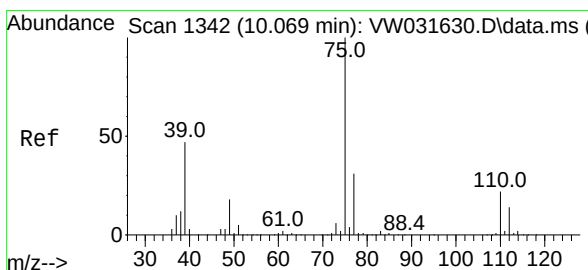
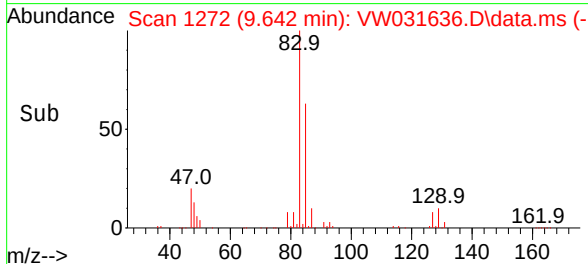
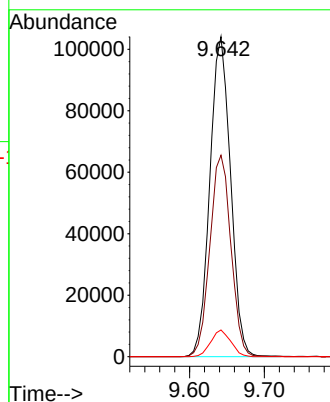
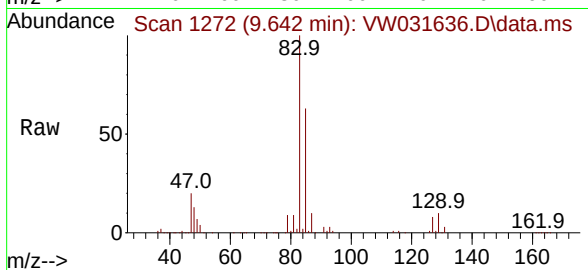




#38
Bromodichloromethane
Concen: 18.604 ug/L
RT: 9.642 min Scan# 1272
Delta R.T. 0.000 min
Lab File: VW031636.D
Acq: 29 Jan 2025 13:06

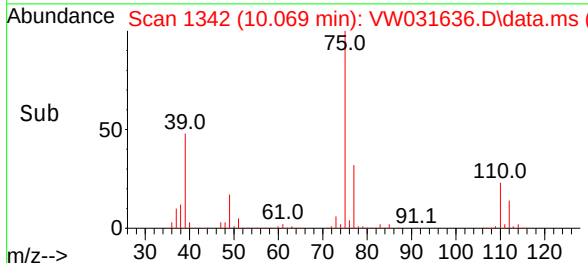
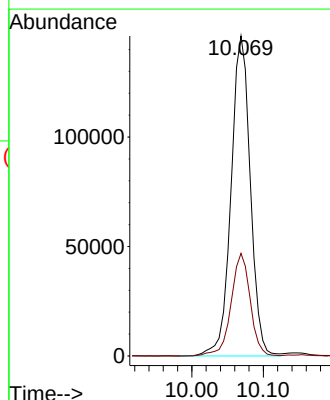
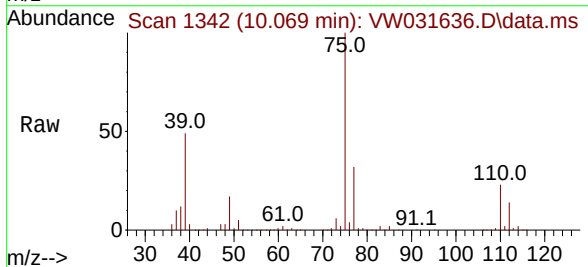
Instrument :
MSVOA_W
ClientSampleId :

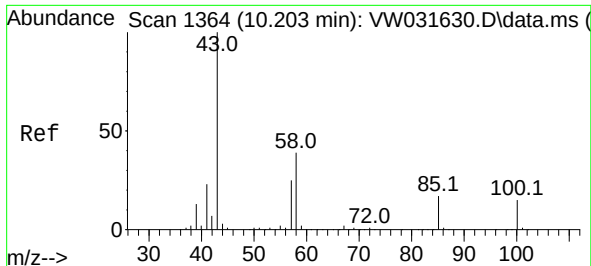
Tgt Ion: 83 Resp: 200738
Ion Ratio Lower Upper
83 100
85 63.0 43.8 81.3
127 8.3 6.2 9.4



#39
cis-1,3-Dichloropropene
Concen: 19.492 ug/L
RT: 10.069 min Scan# 1342
Delta R.T. 0.000 min
Lab File: VW031636.D
Acq: 29 Jan 2025 13:06

Tgt Ion: 75 Resp: 273519
Ion Ratio Lower Upper
75 100
77 32.0 21.6 40.2





#40

4-Methyl-2-pentanone

Concen: 27.425 ug/L

RT: 10.203 min Scan# 1364

Delta R.T. 0.000 min

Lab File: VW031636.D

Acq: 29 Jan 2025 13:06

Instrument :

MSVOA_W

ClientSampleId :

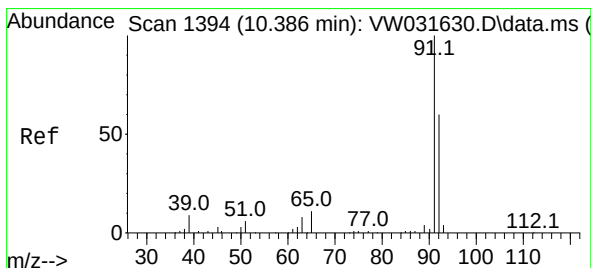
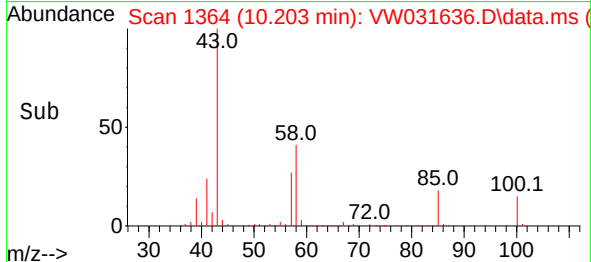
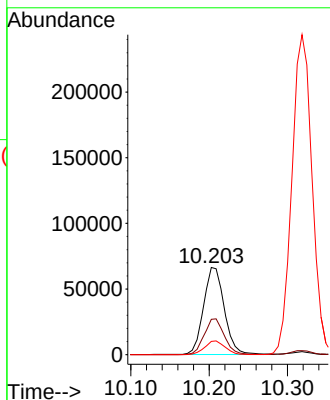
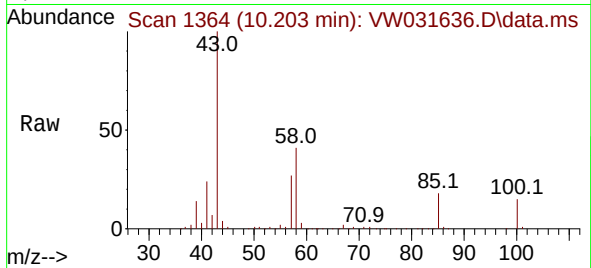
Tgt Ion: 43 Resp: 122111

Ion Ratio Lower Upper

43 100

58 40.2 31.4 47.2

100 15.6 12.3 18.5



#42

Toluene

Concen: 8.198 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. 0.000 min

Lab File: VW031636.D

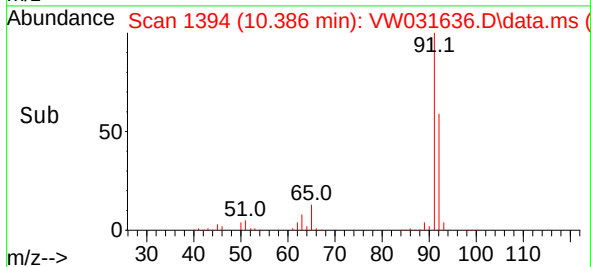
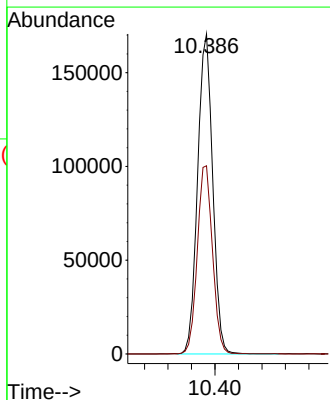
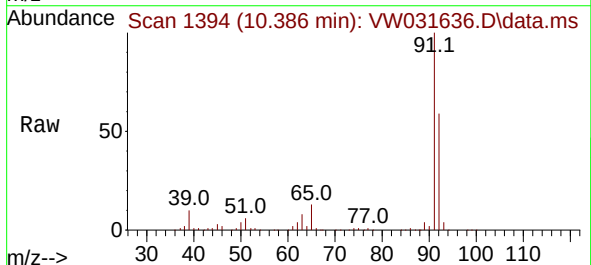
Acq: 29 Jan 2025 13:06

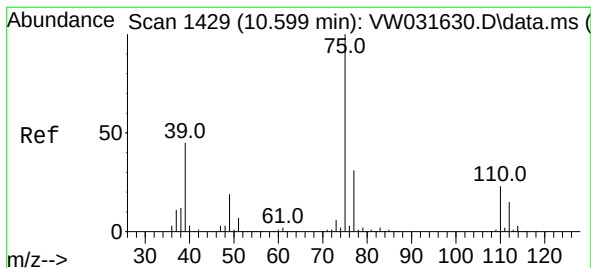
Tgt Ion: 91 Resp: 304127

Ion Ratio Lower Upper

91 100

92 58.8 40.6 75.4





#44

trans-1,3-Dichloropropene

Concen: 11.786 ug/L

RT: 10.605 min Scan# 14

Delta R.T. 0.006 min

Lab File: VW031636.D

Acq: 29 Jan 2025 13:06

Instrument :

MSVOA_W

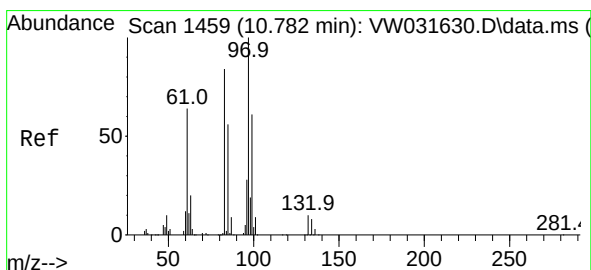
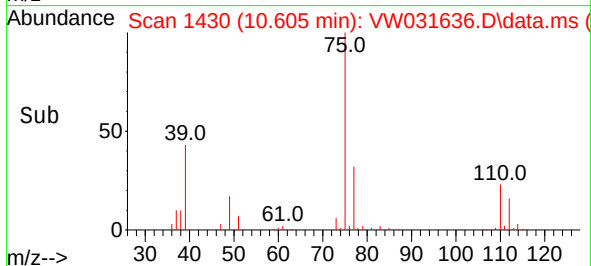
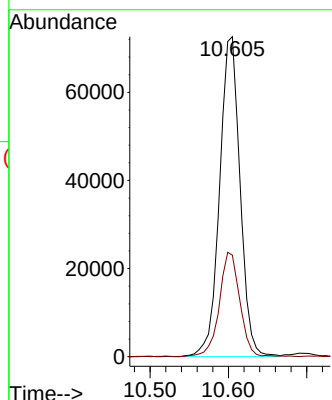
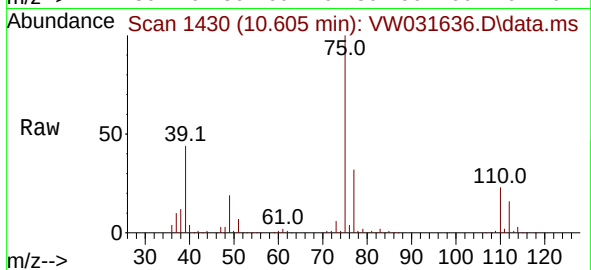
ClientSampleId :

Tgt Ion: 75 Resp: 132200

Ion Ratio Lower Upper

75 100

77 31.7 22.5 41.9



#45

1,1,2-Trichloroethane

Concen: 7.292 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. 0.000 min

Lab File: VW031636.D

Acq: 29 Jan 2025 13:06

Tgt Ion: 97 Resp: 41691

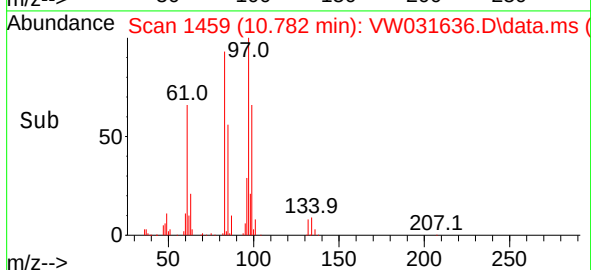
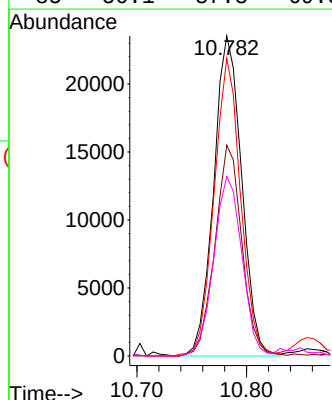
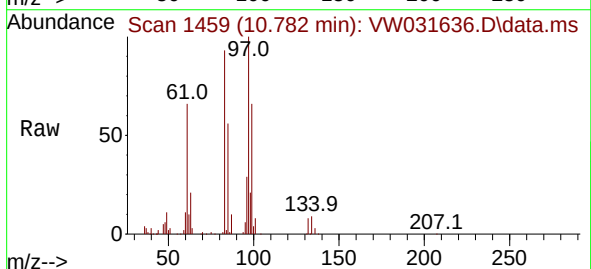
Ion Ratio Lower Upper

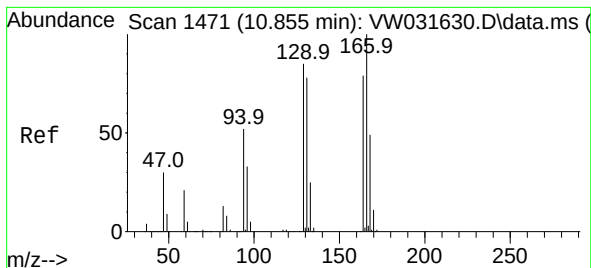
97 100

99 65.9 42.6 79.2

83 93.0 59.6 110.8

85 56.1 37.3 69.3





#46

Tetrachloroethene

Concen: 12.053 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.006 min

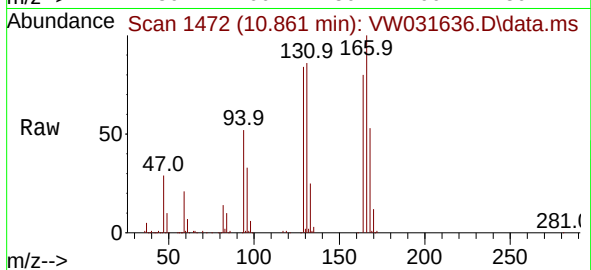
Lab File: VW031636.D

Acq: 29 Jan 2025 13:06

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:164 Resp: 82534

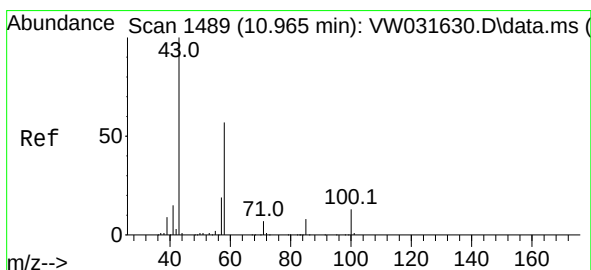
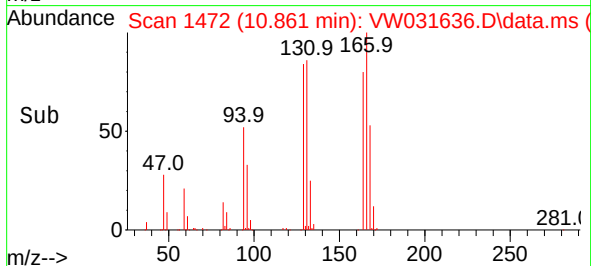
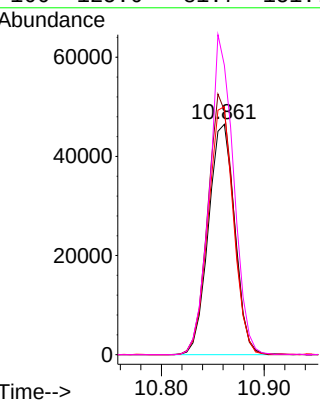
Ion Ratio Lower Upper

164 100

129 106.0 69.8 129.6

131 107.6 63.1 117.1

166 125.6 81.7 151.7



#48

2-Hexanone

Concen: 36.347 ug/L

RT: 10.965 min Scan# 1489

Delta R.T. 0.000 min

Lab File: VW031636.D

Acq: 29 Jan 2025 13:06

Tgt Ion: 43 Resp: 98898

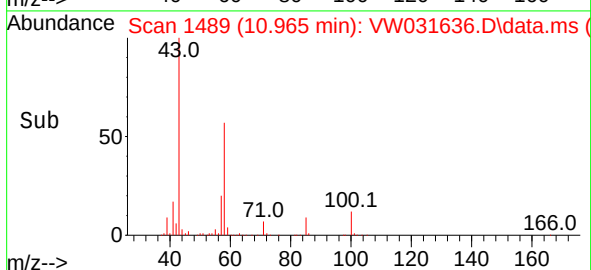
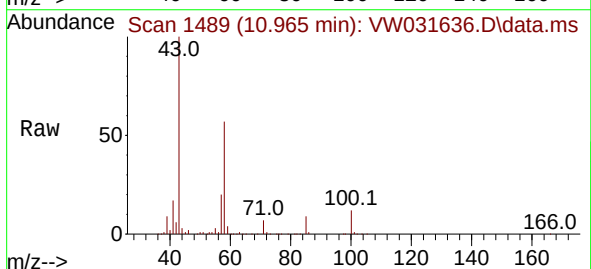
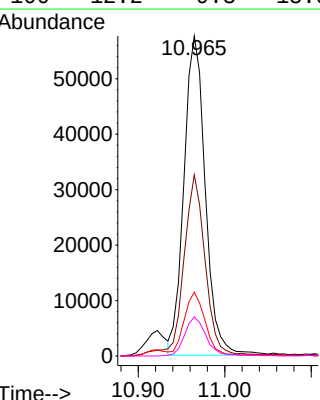
Ion Ratio Lower Upper

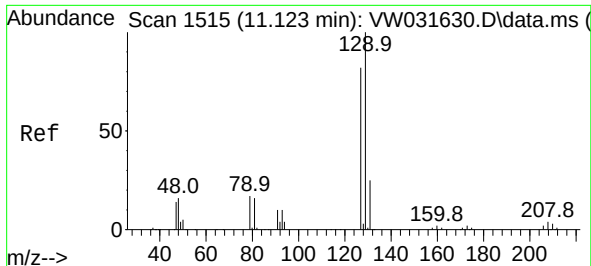
43 100

58 57.1 44.8 67.2

57 19.8 15.6 23.4

100 12.2 9.3 13.9





#49

Dibromochloromethane

Concen: 21.900 ug/L

RT: 11.123 min Scan# 1515

Delta R.T. 0.000 min

Lab File: VW031636.D

Acq: 29 Jan 2025 13:06

Instrument :

MSVOA_W

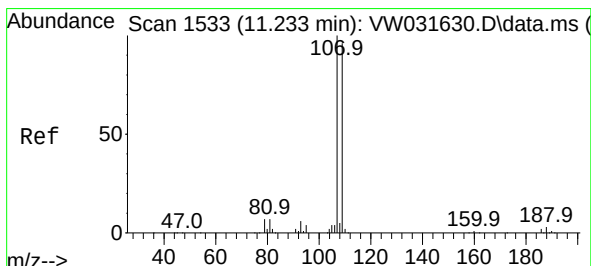
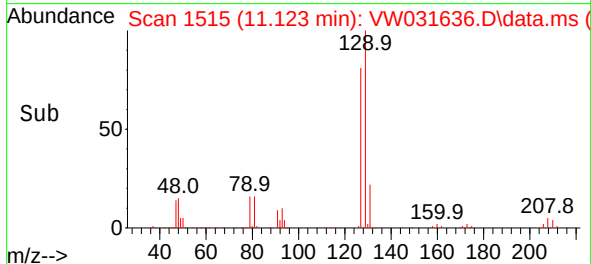
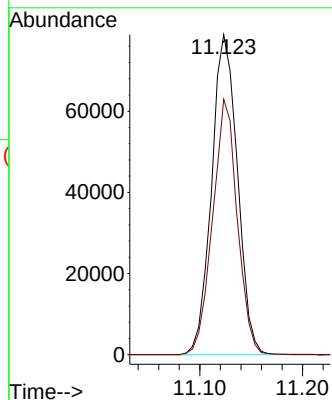
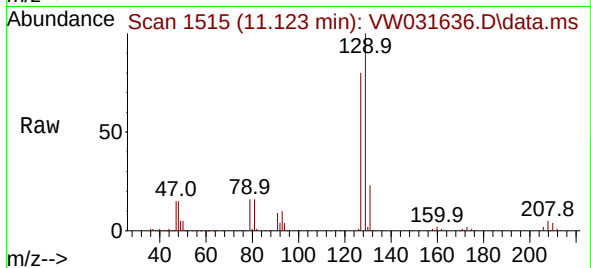
ClientSampleId :

Tgt Ion:129 Resp: 137774

Ion Ratio Lower Upper

129 100

127 79.8 53.0 98.4



#50

1,2-Dibromoethane

Concen: 19.060 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. 0.000 min

Lab File: VW031636.D

Acq: 29 Jan 2025 13:06

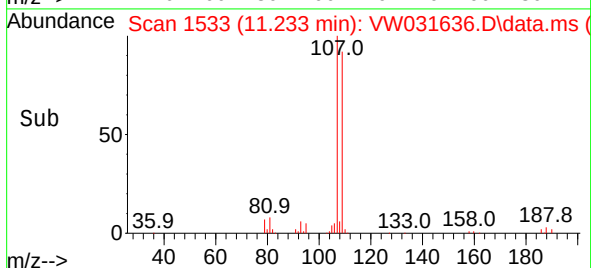
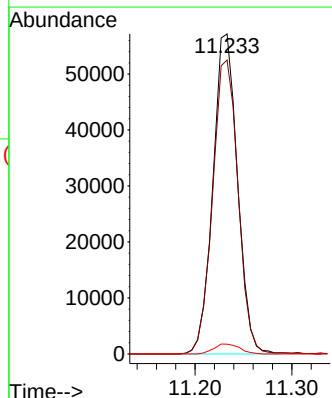
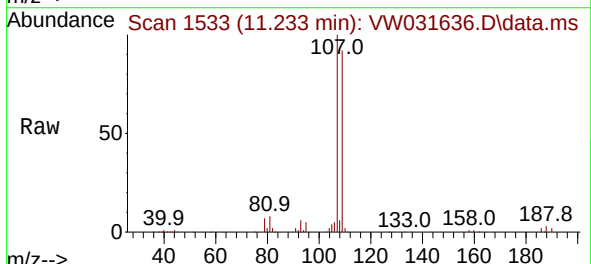
Tgt Ion:107 Resp: 101001

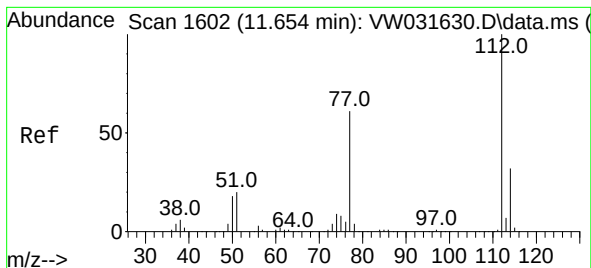
Ion Ratio Lower Upper

107 100

109 91.8 63.8 118.4

188 3.1 2.6 3.8

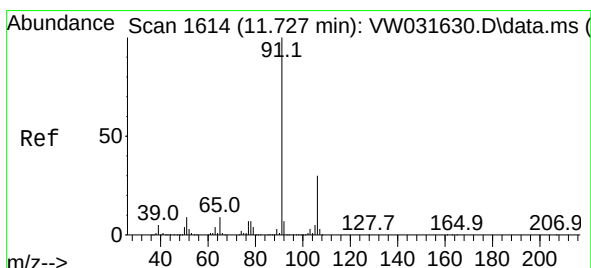
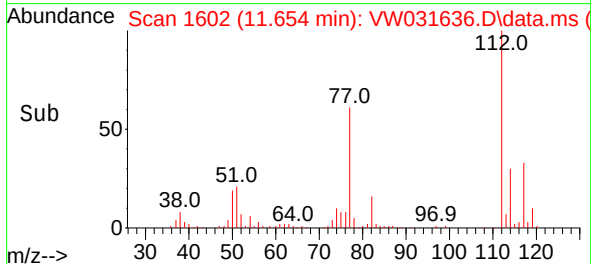
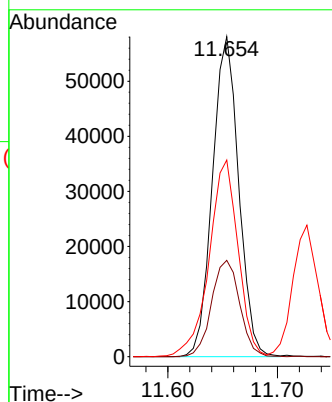
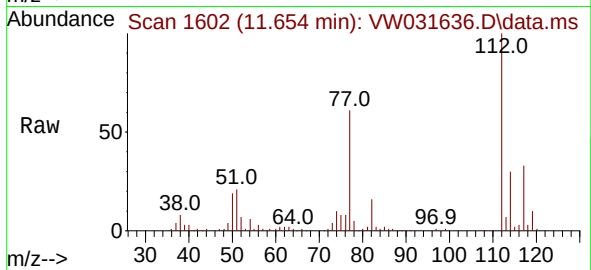




#51
Chlorobenzene
Concen: 4.220 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VW031636.D
Acq: 29 Jan 2025 13:06

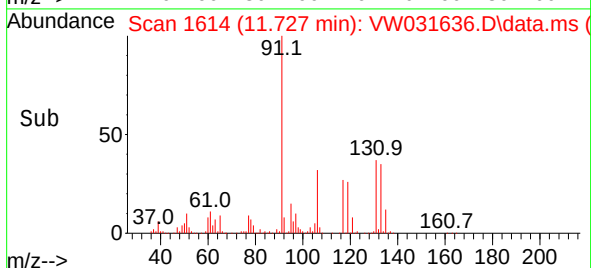
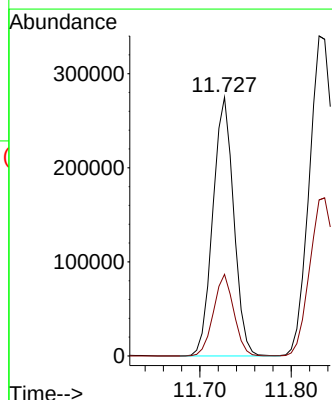
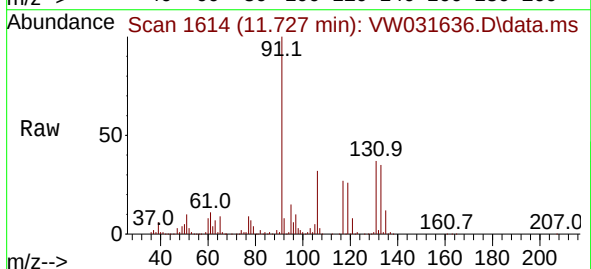
Instrument :
MSVOA_W
ClientSampleId :

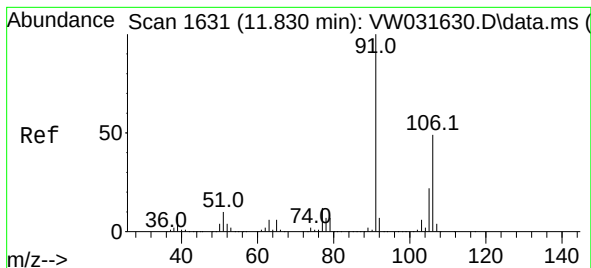
Tgt Ion:112 Resp: 96673
Ion Ratio Lower Upper
112 100
114 30.1 22.0 40.8
77 61.4 49.0 73.4



#52
Ethylbenzene
Concen: 10.244 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW031636.D
Acq: 29 Jan 2025 13:06

Tgt Ion: 91 Resp: 436076
Ion Ratio Lower Upper
91 100
106 31.5 22.3 41.3





#53

m,p-Xylene

Concen: 19.905 ug/L

RT: 11.837 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW031636.D

Acq: 29 Jan 2025 13:06

Instrument :

MSVOA_W

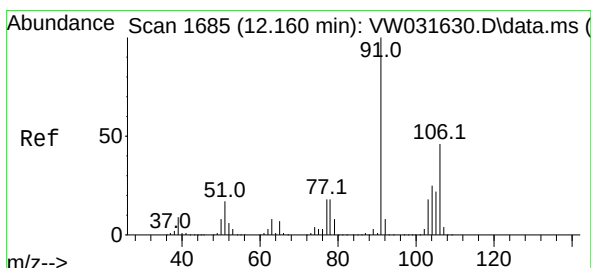
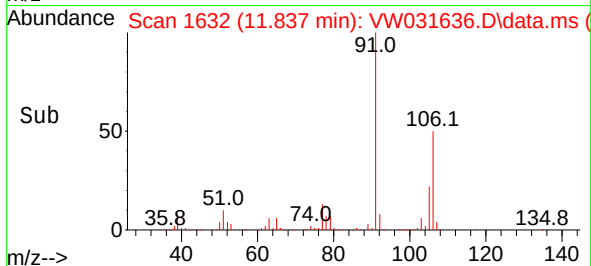
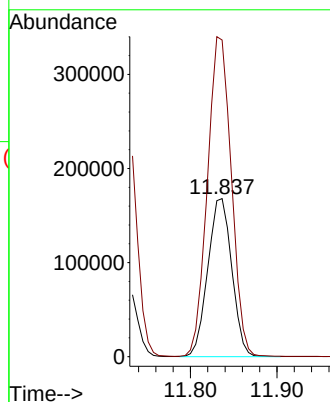
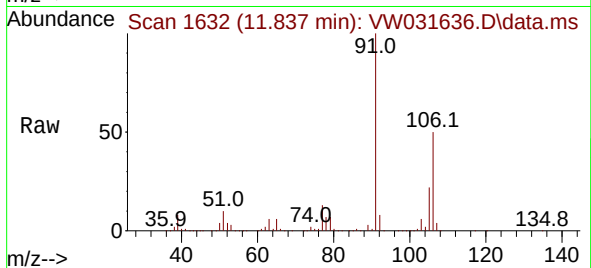
ClientSampleId :

Tgt Ion:106 Resp: 323069

Ion Ratio Lower Upper

106 100

91 200.3 145.9 270.9



#54

o-Xylene

Concen: 9.170 ug/L

RT: 12.160 min Scan# 1685

Delta R.T. 0.000 min

Lab File: VW031636.D

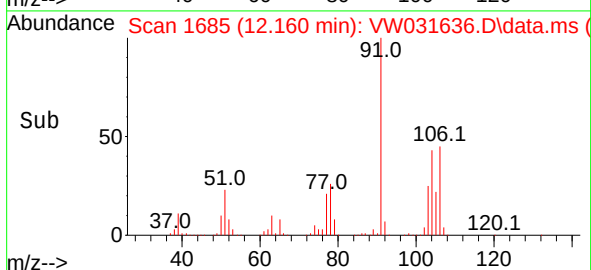
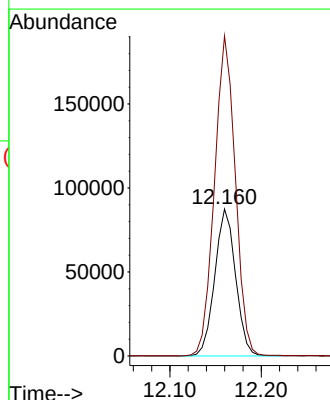
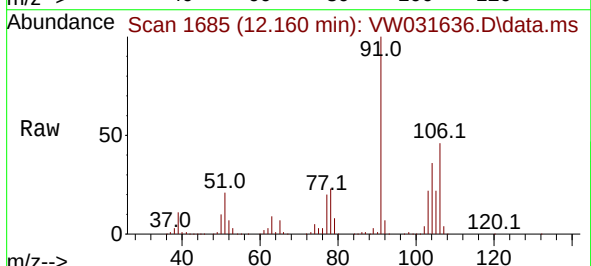
Acq: 29 Jan 2025 13:06

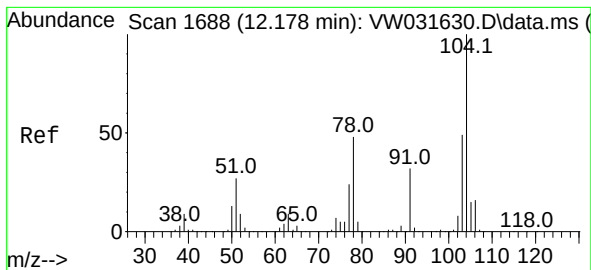
Tgt Ion:106 Resp: 138326

Ion Ratio Lower Upper

106 100

91 217.9 152.9 284.1





#55

Styrene

Concen: 14.623 ug/L

RT: 12.178 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW031636.D

Acq: 29 Jan 2025 13:06

Instrument :

MSVOA_W

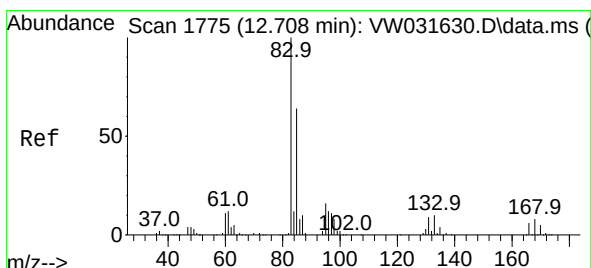
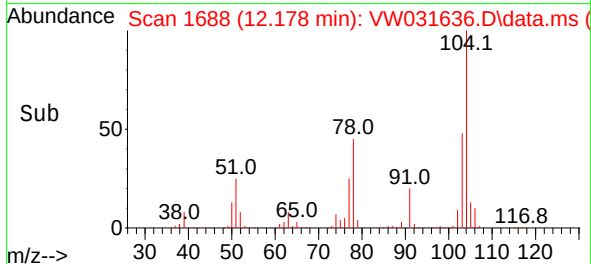
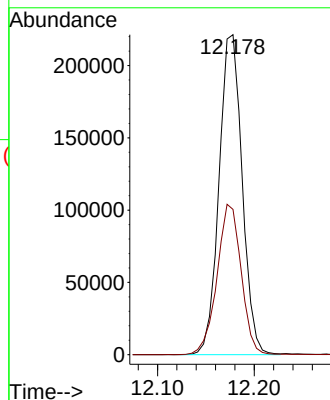
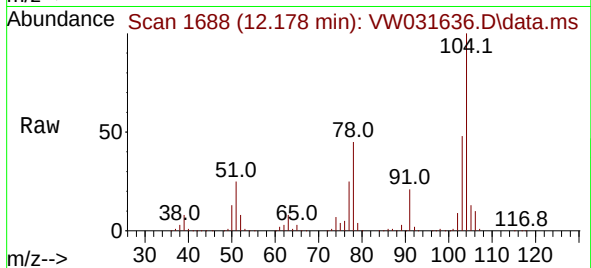
ClientSampleId :

Tgt Ion:104 Resp: 367014

Ion Ratio Lower Upper

104 100

78 45.4 32.0 59.4



#57

1,1,2,2-Tetrachloroethane

Concen: 9.065 ug/L

RT: 12.708 min Scan# 1775

Delta R.T. 0.000 min

Lab File: VW031636.D

Acq: 29 Jan 2025 13:06

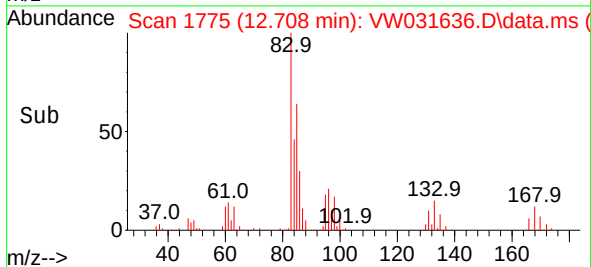
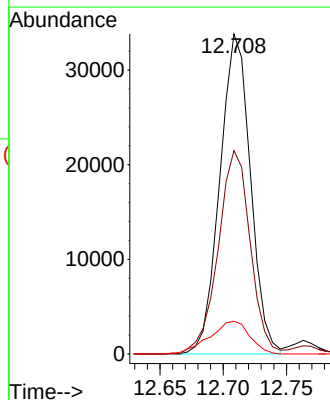
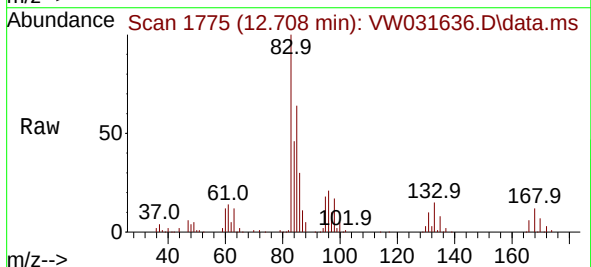
Tgt Ion: 83 Resp: 56952

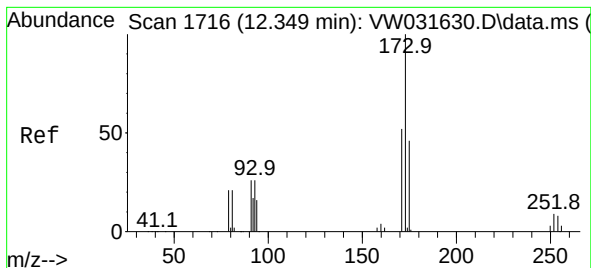
Ion Ratio Lower Upper

83 100

85 63.5 44.1 81.9

131 10.3 7.4 11.0





#59

Bromoform

Concen: 5.930 ug/L

RT: 12.349 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW031636.D

Acq: 29 Jan 2025 13:06

Instrument :

MSVOA_W

ClientSampleId :

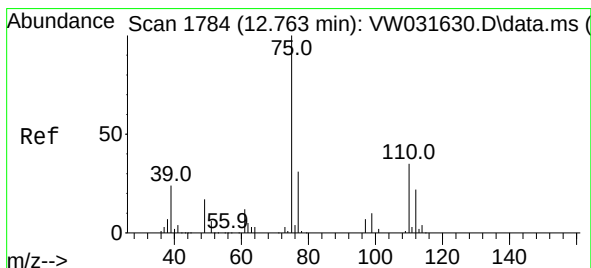
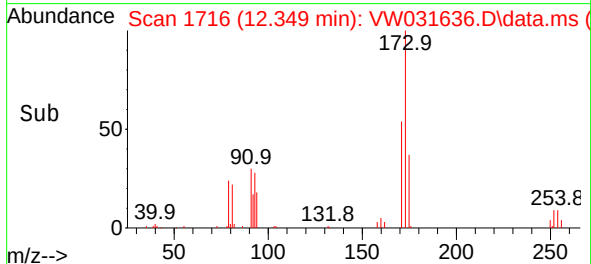
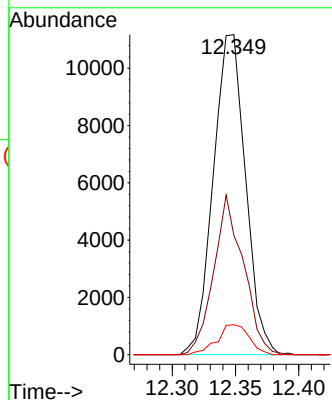
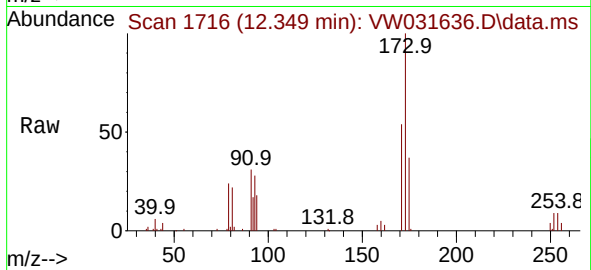
Tgt Ion:173 Resp: 19848

Ion Ratio Lower Upper

173 100

175 45.8 37.7 56.5

254 9.3 7.1 10.7



#61

1,2,3-Trichloropropane

Concen: 15.546 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VW031636.D

Acq: 29 Jan 2025 13:06

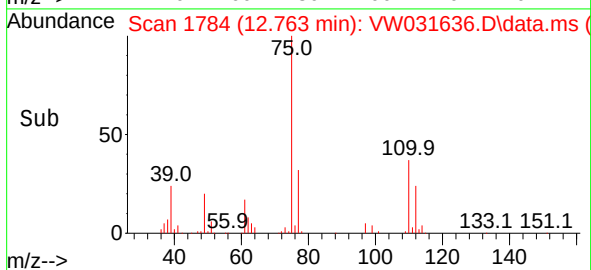
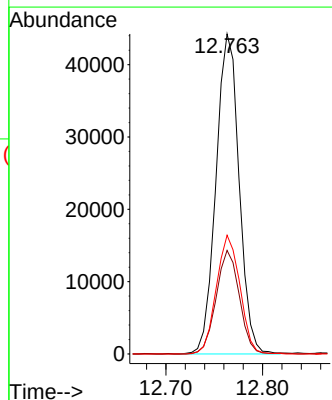
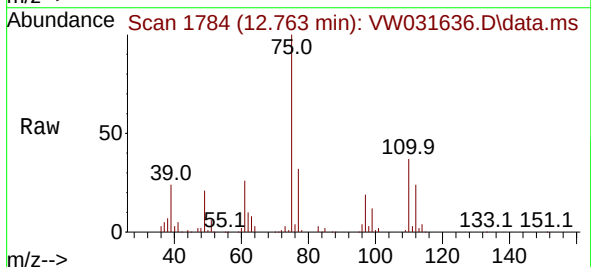
Tgt Ion: 75 Resp: 73332

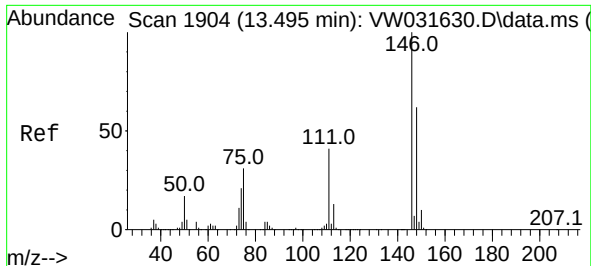
Ion Ratio Lower Upper

75 100

77 32.5 26.2 39.2

110 37.8 29.6 44.4





#64

1,3-Dichlorobenzene

Concen: 20.219 ug/L

RT: 13.489 min Scan# 1904

Delta R.T. -0.006 min

Lab File: VW031636.D

Acq: 29 Jan 2025 13:06

Instrument :

MSVOA_W

ClientSampleId :

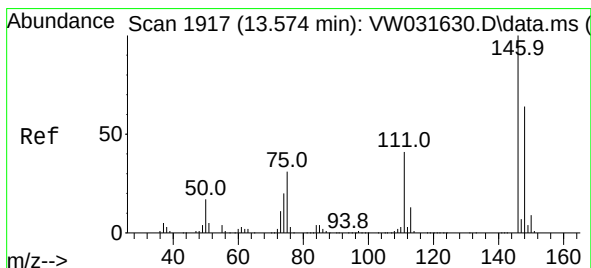
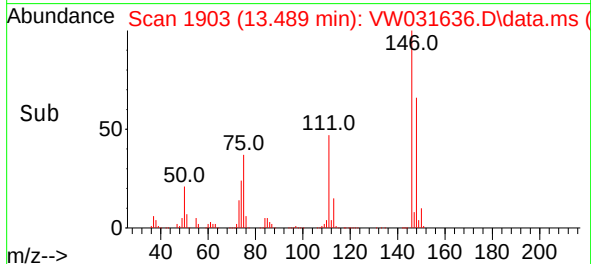
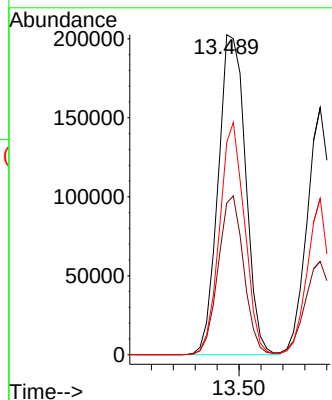
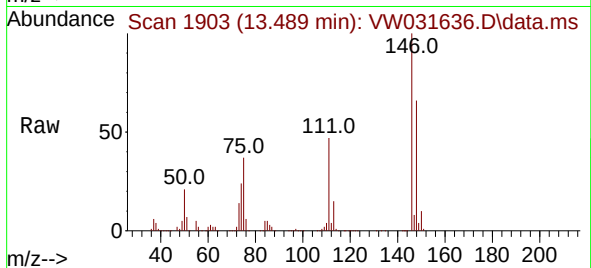
Tgt Ion:146 Resp: 351892

Ion Ratio Lower Upper

146 100

111 47.4 30.4 56.5

148 66.3 42.1 78.1



#65

1,4-Dichlorobenzene

Concen: 14.098 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW031636.D

Acq: 29 Jan 2025 13:06

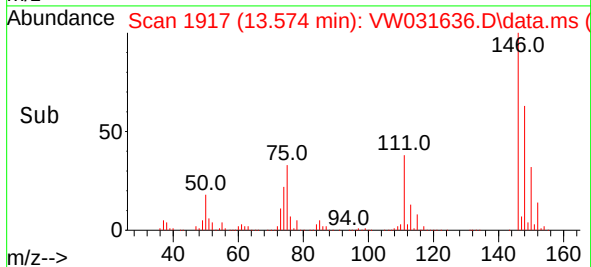
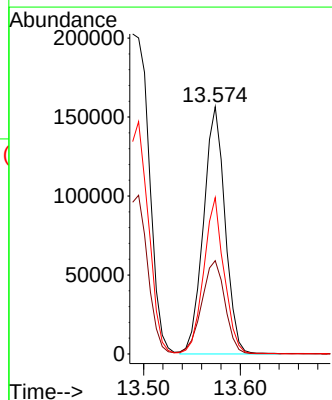
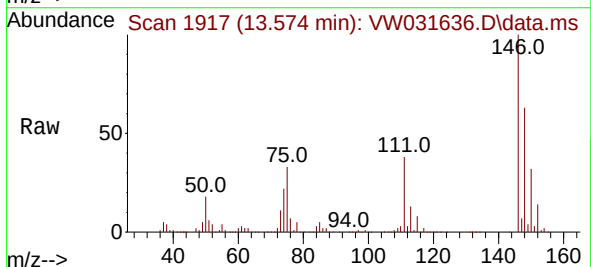
Tgt Ion:146 Resp: 242668

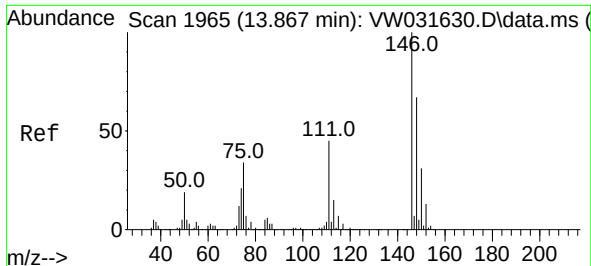
Ion Ratio Lower Upper

146 100

111 37.7 28.5 52.9

148 63.2 45.4 84.4





#67

1,2-Dichlorobenzene

Concen: 7.075 ug/L

RT: 13.861 min Scan# 1964

Delta R.T. -0.006 min

Lab File: VW031636.D

Acq: 29 Jan 2025 13:06

Instrument :

MSVOA_W

ClientSampleId :

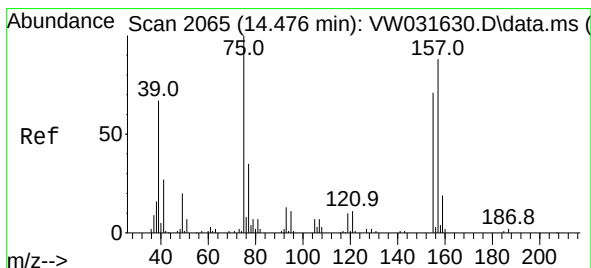
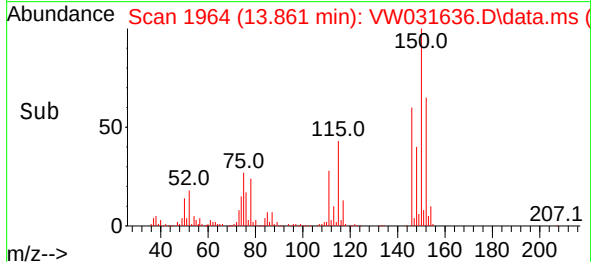
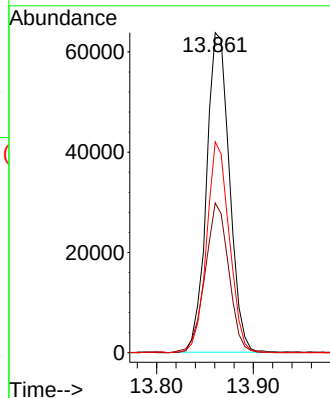
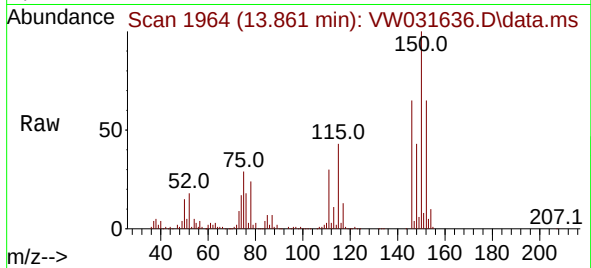
Tgt Ion:146 Resp: 105152

Ion Ratio Lower Upper

146 100

111 46.8 36.6 55.0

148 65.9 51.0 76.4



#68

1,2-Dibromo-3-chloropropane

Concen: 10.311 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. 0.000 min

Lab File: VW031636.D

Acq: 29 Jan 2025 13:06

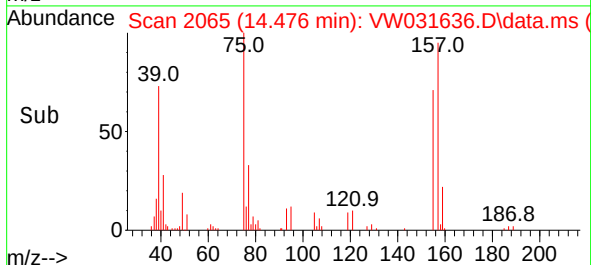
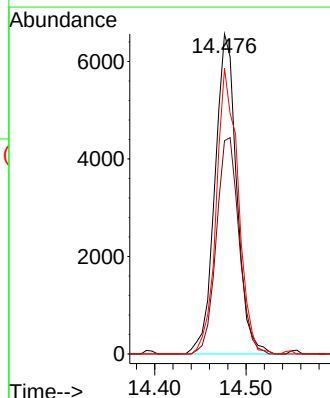
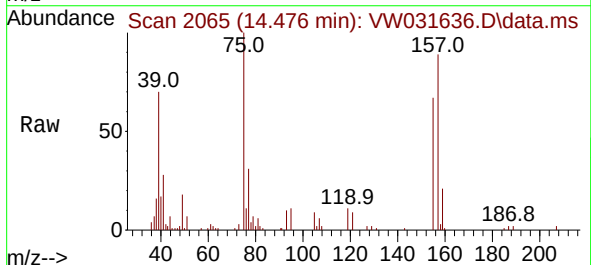
Tgt Ion: 75 Resp: 10874

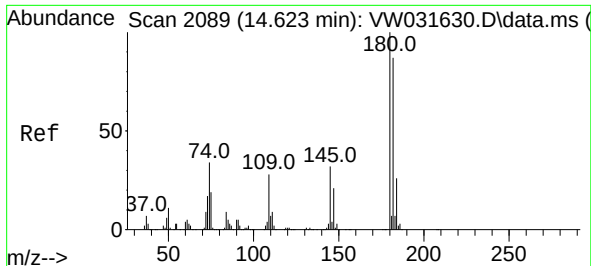
Ion Ratio Lower Upper

75 100

155 66.7 51.0 76.4

157 89.3 70.2 105.2





#69

1,3,5-Trichlorobenzene

Concen: 4.877 ug/L

RT: 15.123 min Scan# 2171

Delta R.T. 0.500 min

Lab File: VW031636.D

Acq: 29 Jan 2025 13:06

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:180 Resp: 57522

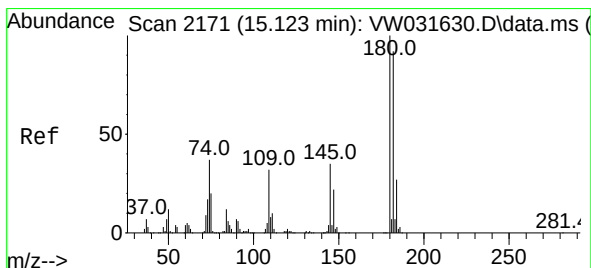
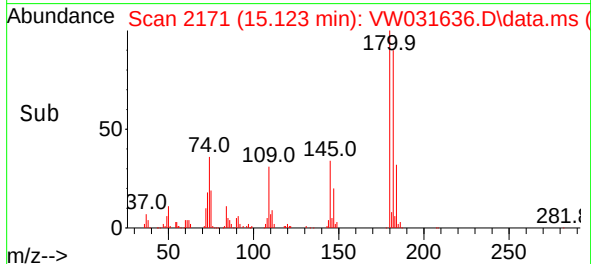
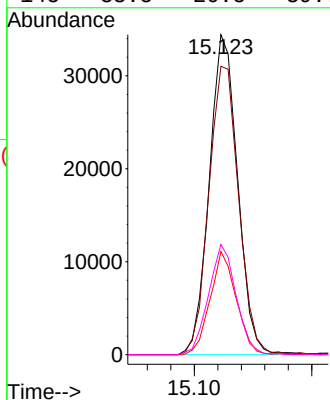
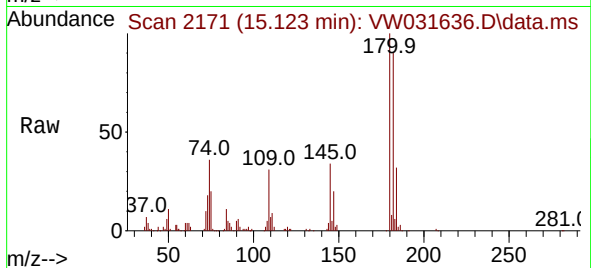
Ion Ratio Lower Upper

180 100

182 94.9 74.2 111.4

184 29.9 23.0 34.4

145 33.5 26.5 39.7



#70

1,2,4-trichlorobenzene

Concen: 6.123 ug/L

RT: 15.123 min Scan# 2171

Delta R.T. 0.000 min

Lab File: VW031636.D

Acq: 29 Jan 2025 13:06

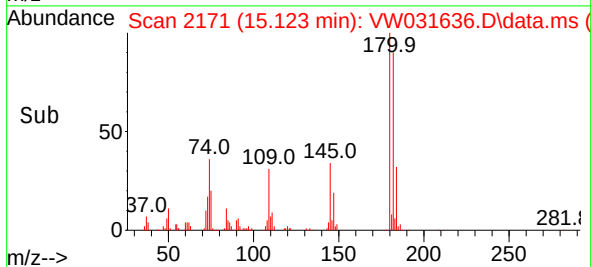
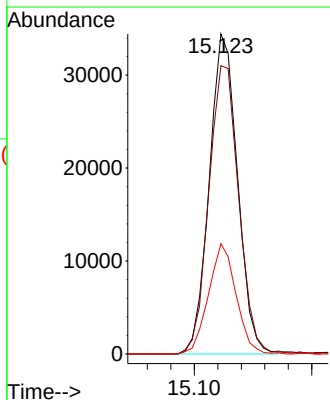
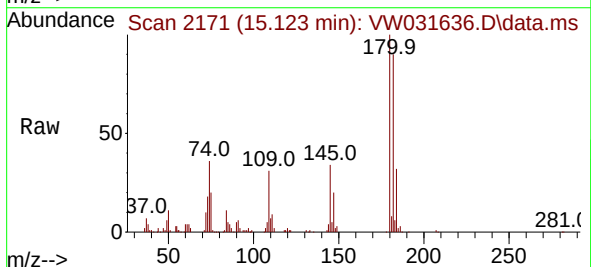
Tgt Ion:180 Resp: 57522

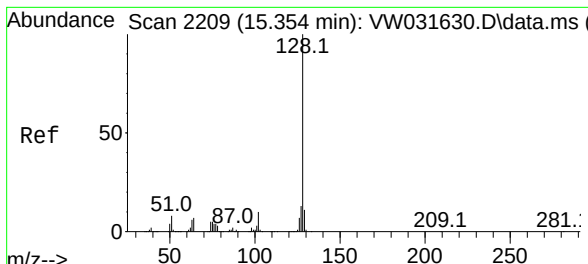
Ion Ratio Lower Upper

180 100

182 94.9 77.7 116.5

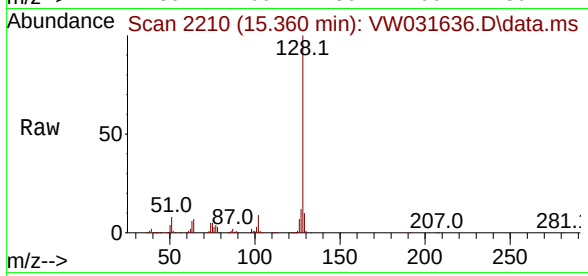
145 33.5 26.6 39.8





#71
 Naphthalene
 Concen: 18.594 ug/L
 RT: 15.360 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VW031636.D
 Acq: 29 Jan 2025 13:06

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion:128 Resp: 327538

Ion	Ratio	Lower	Upper
128	100		
127	12.5	10.4	15.6
129	10.8	8.7	13.1

