

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW012925\
 Data File : VW031632.D
 Acq On : 29 Jan 2025 11:29
 Operator : SY/MD
 Sample : Q1189-22
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jan 30 07:29:33 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	583609	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	513334	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.550	152	224089	25.000	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.357	65	143071	15.623	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	62.480%
7) Chloroethane-d5	2.893	69	115125	17.603	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.400%
11) 1,1-Dichloroethene-d2	4.015	65	76236	18.710	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	74.840%
21) 2-Butanone-d5	7.088	46	86158	58.526	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	117.060%
24) Chloroform-d	7.642	84	380543	25.195	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.800%
26) 1,2-Dichloroethane-d4	8.301	65	182667	24.572	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.280%
32) Benzene-d6	8.270	84	688315	21.347	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	85.400%
36) 1,2-Dichloropropane-d6	9.270	67	214462	22.527	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.120%
41) Toluene-d8	10.319	98	627871	21.570	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.280%
43) trans-1,3-Dichloroprop...	10.575	79	88341	22.596	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.400%
47) 2-Hexanone-d5	10.922	63	58696	60.414	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	120.820%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	160626	27.589	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	110.360%
66) 1,2-Dichlorobenzene-d4	13.848	152	182195	23.181	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.720%

Target Compounds

						Qvalue
12) 1,1-Dichloroethene	4.039	96	448452	57.746	ug/L #	77
15) Methyl Acetate	4.679	43	6980	2.352	ug/L #	81
16) Methylene chloride	4.917	84	375626	47.259	ug/L	95
17) trans-1,2-Dichloroethene	5.423	96	378088	45.329	ug/L	99
18) Methyl tert-butyl Ether	5.423	73	356557	26.659	ug/L #	90
19) 1,1-Dichloroethane	6.210	63	676264	43.094	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	815692	91.593	ug/L	95
22) 2-Butanone	7.173	43	523977	270.786	ug/L	99
25) Chloroform	7.673	83	1099785	73.681	ug/L	97
27) 1,2-Dichloroethane	8.398	62	260781	28.366	ug/L	99
31) Carbon tetrachloride	8.069	117	485868	41.123	ug/L	100
33) Benzene	8.319	78	1337752	38.077	ug/L	100
34) Trichloroethene	9.087	95	351743	37.239	ug/L	98
37) 1,2-Dichloropropane	9.361	63	126953	14.377	ug/L	100
38) Bromodichloromethane	9.642	83	819272	76.702	ug/L	98
39) cis-1,3-Dichloropropene	10.069	75	1092528	78.651	ug/L	98
40) 4-Methyl-2-pentanone	10.203	43	488456	110.822	ug/L	99
42) Toluene	10.380	91	1197463	32.606	ug/L	97
44) trans-1,3-Dichloropropene	10.599	75	530336	47.764	ug/L	97

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 Quant Title : SFAM01.0
 QLast Update : Thu Jan 30 07:28:52 2025
 Response via : Initial Calibration

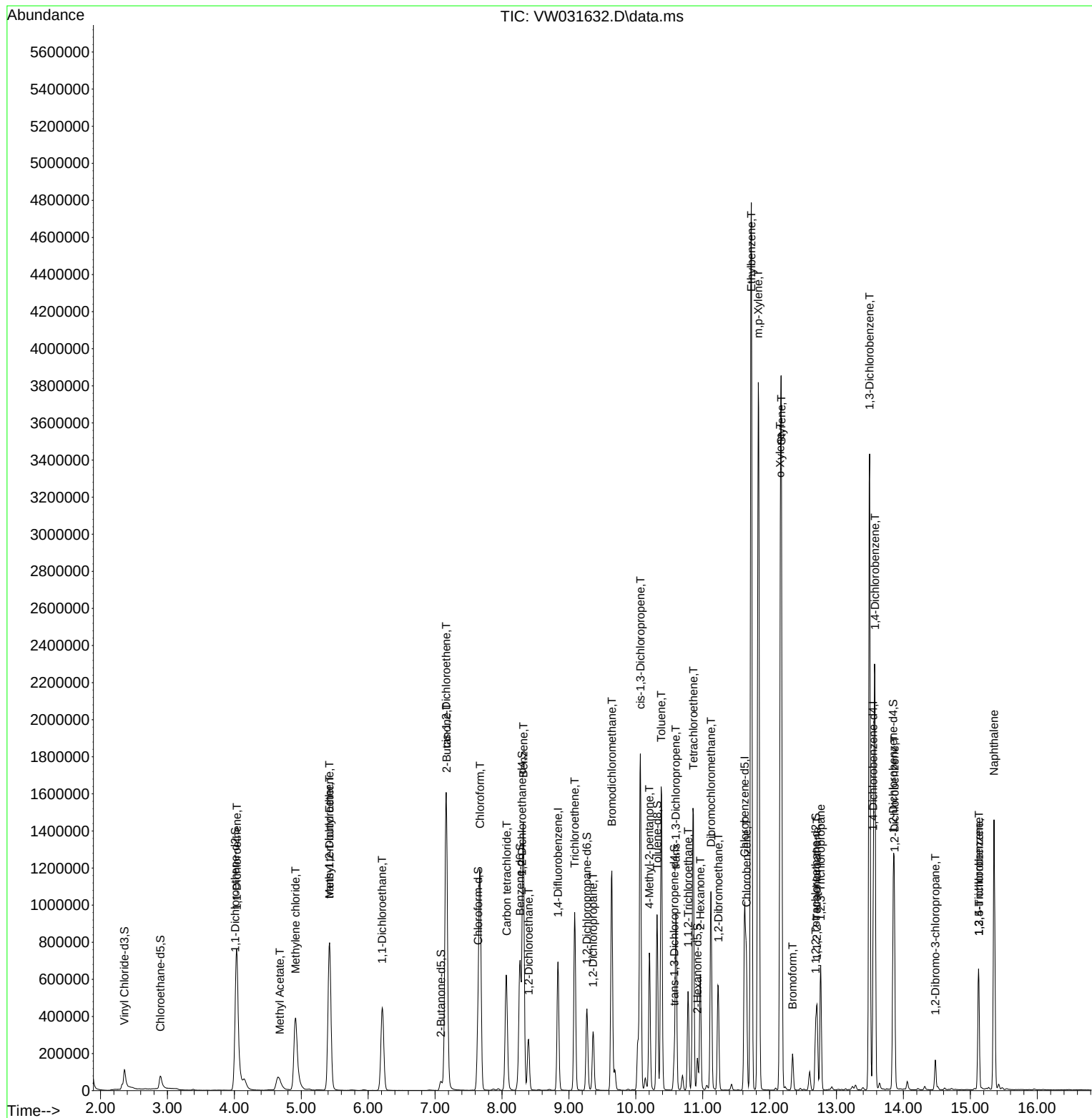
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.782	97	163577	28.900	ug/L	99
46) Tetrachloroethene	10.861	164	336813	49.691	ug/L	96
48) 2-Hexanone	10.965	43	403866	149.944	ug/L	98
49) Dibromochloromethane	11.123	129	566925	91.034	ug/L	98
50) 1,2-Dibromoethane	11.233	107	405229	77.249	ug/L	100
51) Chlorobenzene	11.654	112	376214	16.590	ug/L	99
52) Ethylbenzene	11.727	91	1692338	40.161	ug/L	99
53) m,p-Xylene	11.831	106	1240440	77.205	ug/L	97
54) o-Xylene	12.160	106	533264	35.713	ug/L	94
55) Styrene	12.178	104	1415837	56.985	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	213758	34.370	ug/L	99
59) Bromoform	12.343	173	84326	28.241	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	285847	67.927	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	1358299	87.483	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	820274	53.417	ug/L	94
67) 1,2-Dichlorobenzene	13.867	146	385768	29.095	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.476	75	43465	46.199	ug/L	94
69) 1,3,5-Trichlorobenzene	15.129	180	196636	18.688	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	196636	23.463	ug/L	98
71) Naphthalene	15.354	128	1170803	74.504	ug/L	100

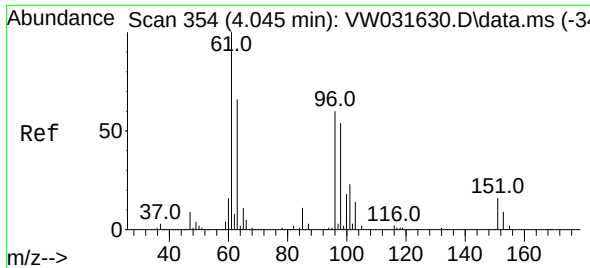
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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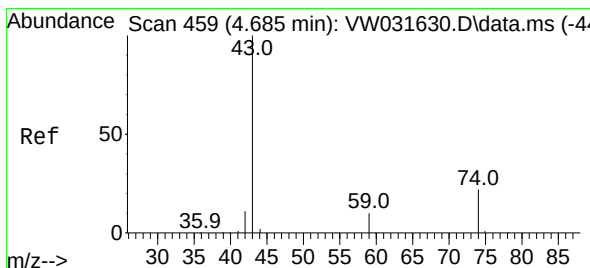
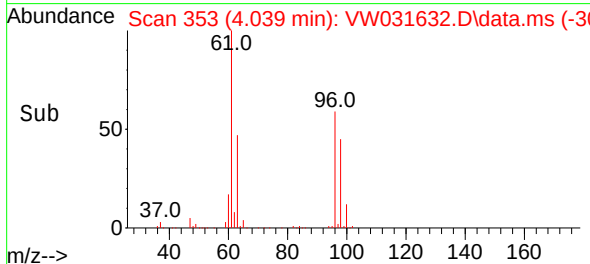
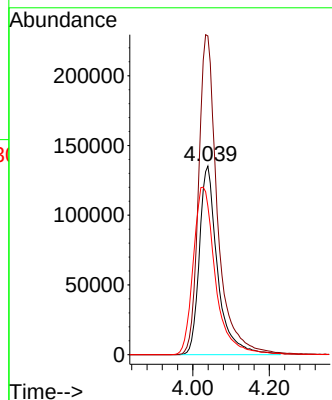
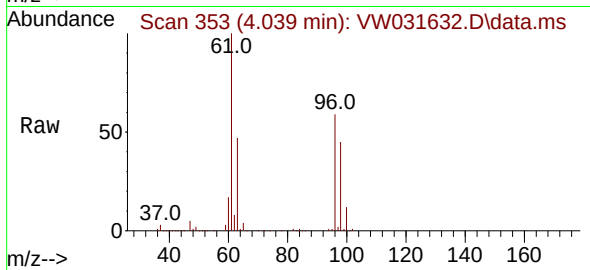




#12
1,1-Dichloroethene
Concen: 57.746 ug/L
RT: 4.039 min Scan# 354
Delta R.T. -0.006 min
Lab File: VW031632.D
Acq: 29 Jan 2025 11:29

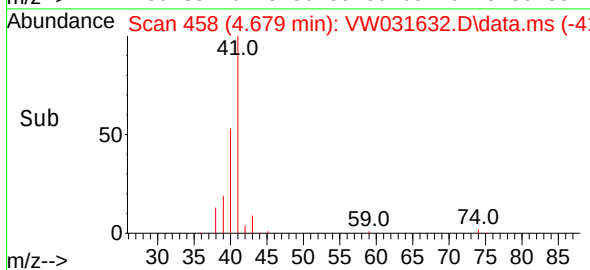
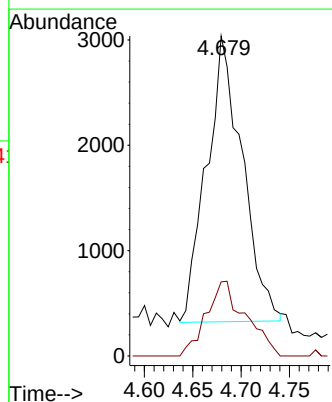
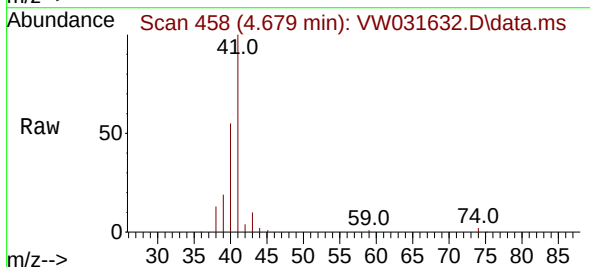
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MSVOA_W
ClientSampleId :

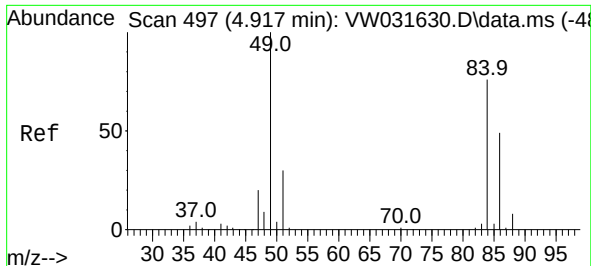
Tgt Ion: 96 Resp: 448452
Ion Ratio Lower Upper
96 100
61 169.0 123.8 230.0
63 78.7 94.1 174.8#



#15
Methyl Acetate
Concen: 2.352 ug/L
RT: 4.679 min Scan# 458
Delta R.T. -0.006 min
Lab File: VW031632.D
Acq: 29 Jan 2025 11:29

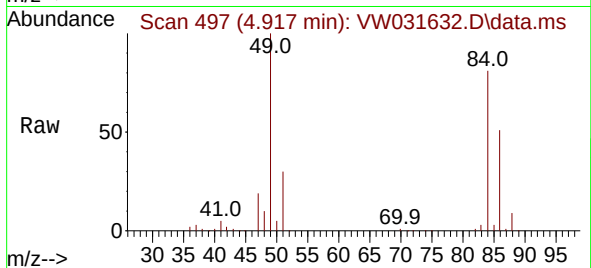
Tgt Ion: 43 Resp: 6980
Ion Ratio Lower Upper
43 100
74 21.0 10.6 15.8#



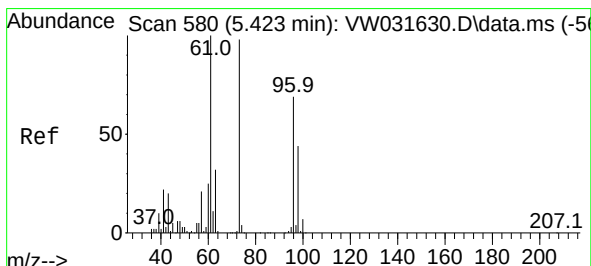
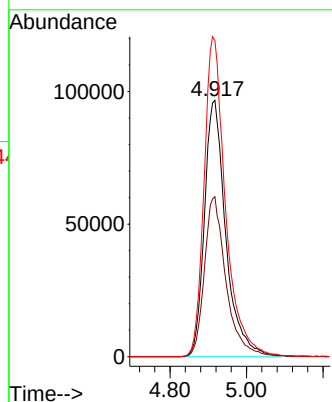
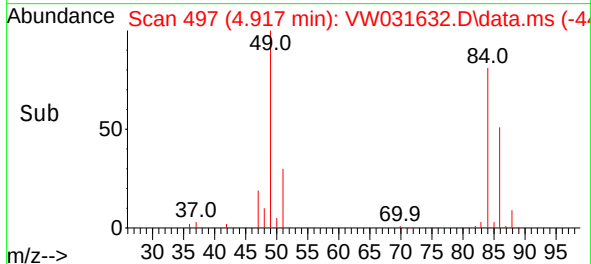


#16
Methylene chloride
Concen: 47.259 ug/L
RT: 4.917 min Scan# 497
Delta R.T. 0.000 min
Lab File: VW031632.D
Acq: 29 Jan 2025 11:29

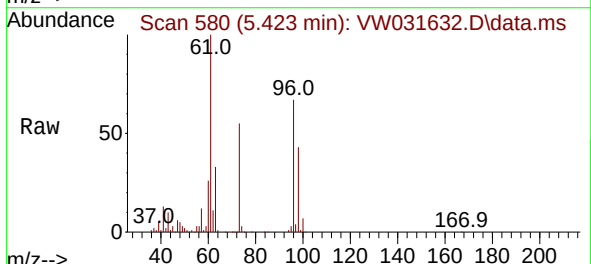
Instrument :
MSVOA_W
ClientSampleId :



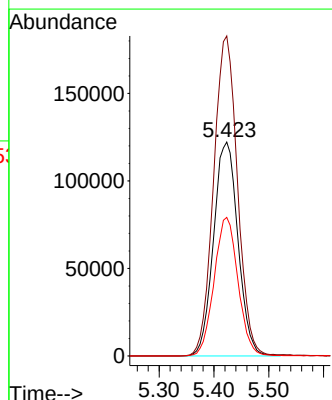
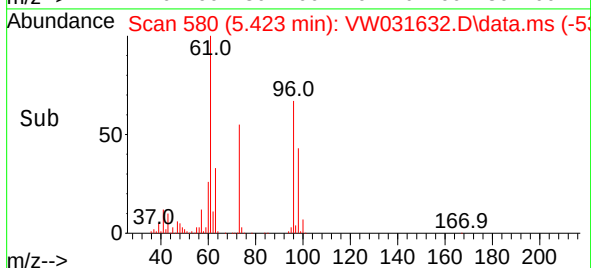
Tgt Ion: 84 Resp: 375626
Ion Ratio Lower Upper
84 100
86 62.4 47.0 87.2
49 123.3 89.8 166.8

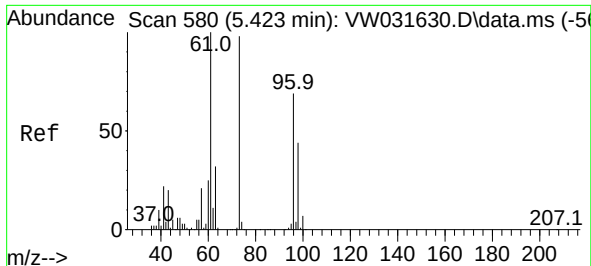


#17
trans-1,2-Dichloroethene
Concen: 45.329 ug/L
RT: 5.423 min Scan# 580
Delta R.T. 0.000 min
Lab File: VW031632.D
Acq: 29 Jan 2025 11:29



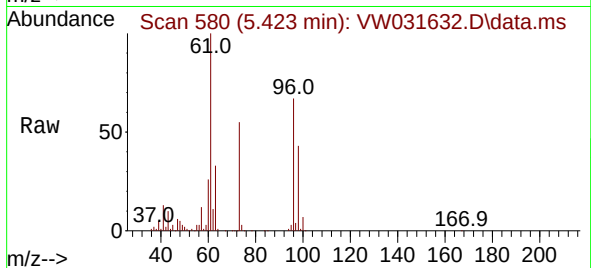
Tgt Ion: 96 Resp: 378088
Ion Ratio Lower Upper
96 100
61 149.6 105.1 195.1
98 64.8 44.9 83.3



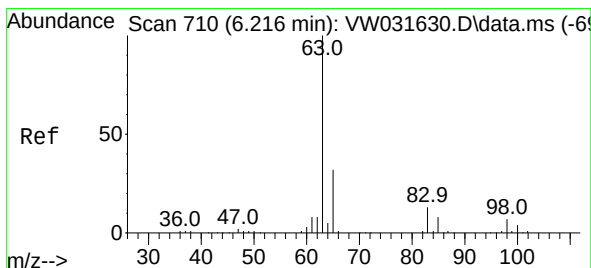
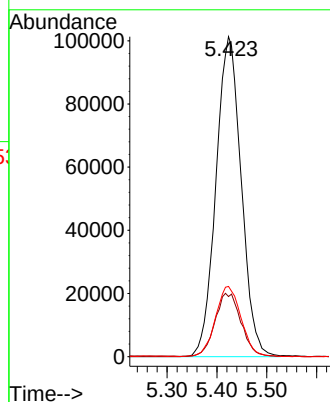
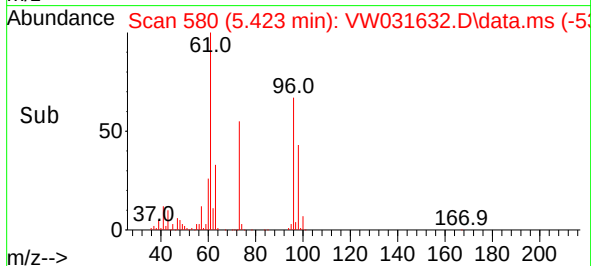


#18
Methyl tert-butyl Ether
Concen: 26.659 ug/L
RT: 5.423 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW031632.D
Acq: 29 Jan 2025 11:29

Instrument :
MSVOA_W
ClientSampleId :

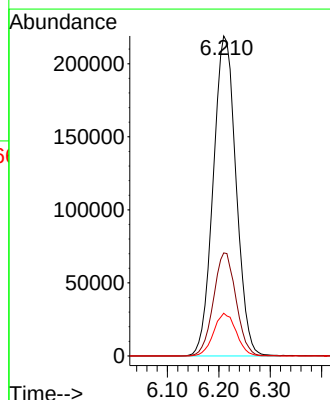
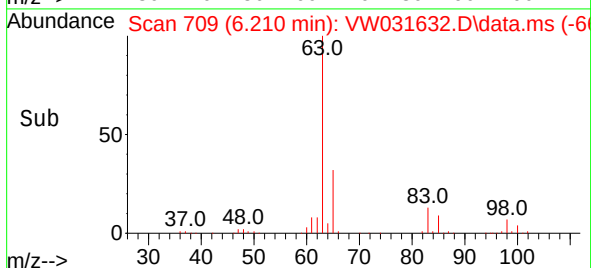
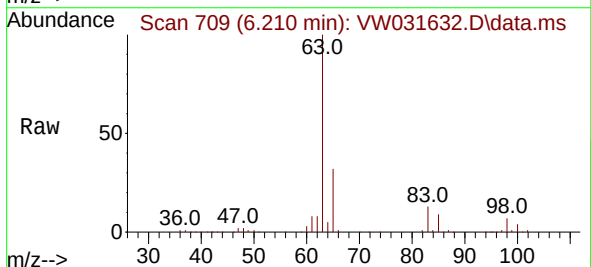


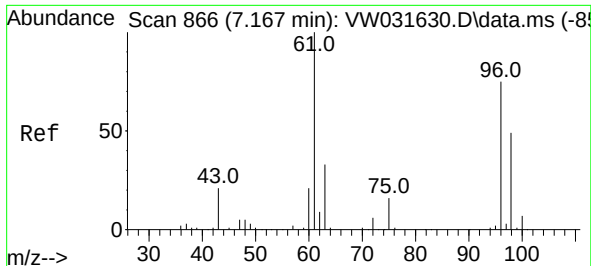
Tgt Ion: 73 Resp: 356557
Ion Ratio Lower Upper
73 100
43 11.3 16.4 24.6#
57 22.3 18.2 27.2



#19
1,1-Dichloroethane
Concen: 43.094 ug/L
RT: 6.210 min Scan# 709
Delta R.T. -0.006 min
Lab File: VW031632.D
Acq: 29 Jan 2025 11:29

Tgt Ion: 63 Resp: 676264
Ion Ratio Lower Upper
63 100
65 32.2 22.0 41.0
83 13.3 9.0 16.6

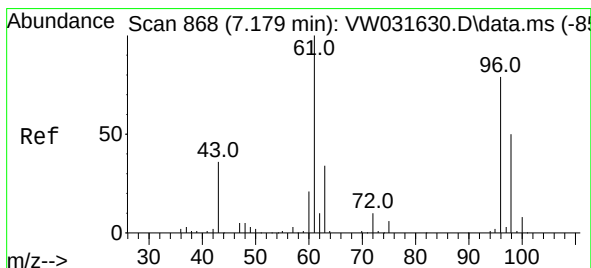
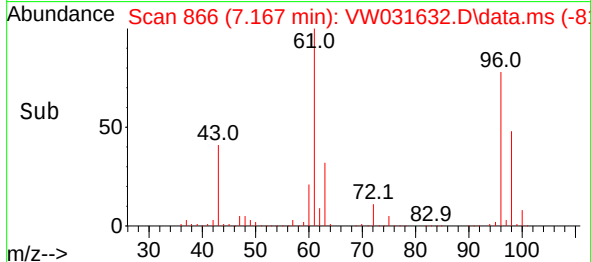
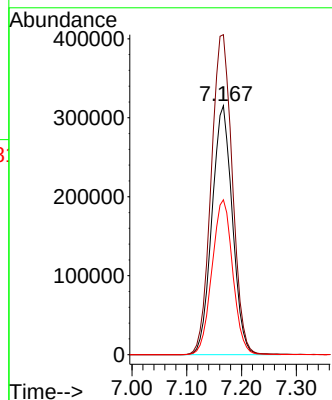
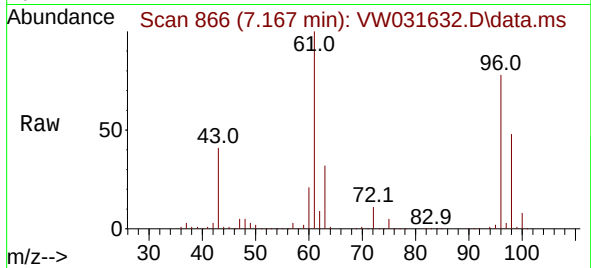




#20
 cis-1,2-Dichloroethene
 Concen: 91.593 ug/L
 RT: 7.167 min Scan# 866
 Delta R.T. 0.000 min
 Lab File: VW031632.D
 Acq: 29 Jan 2025 11:29

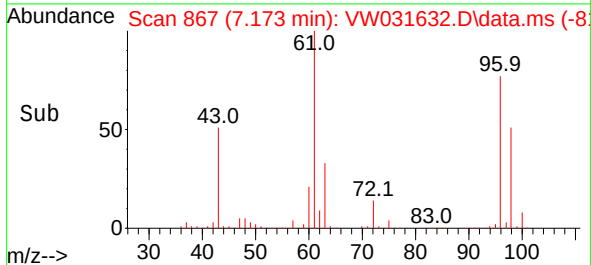
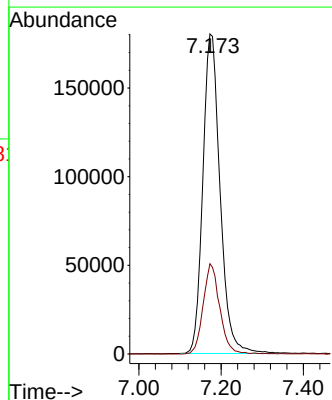
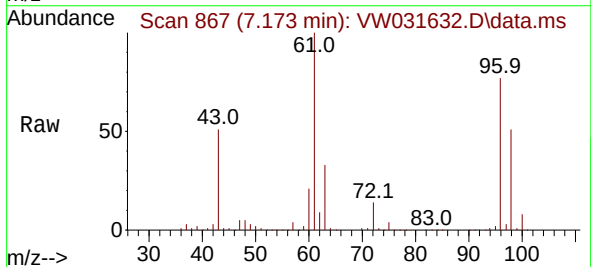
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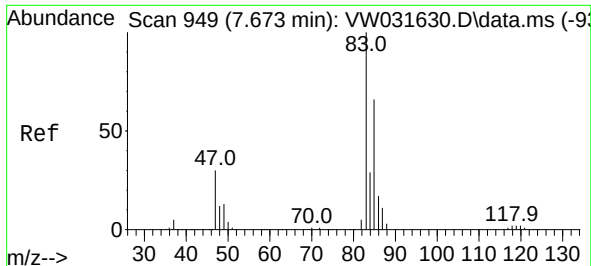
Tgt Ion: 96 Resp: 815692
 Ion Ratio Lower Upper
 96 100
 61 128.5 94.8 176.2
 98 62.2 45.6 84.8



#22
 2-Butanone
 Concen: 270.786 ug/L
 RT: 7.173 min Scan# 867
 Delta R.T. -0.006 min
 Lab File: VW031632.D
 Acq: 29 Jan 2025 11:29

Tgt Ion: 43 Resp: 523977
 Ion Ratio Lower Upper
 43 100
 72 26.9 13.2 39.5





#25

Chloroform

Concen: 73.681 ug/L

RT: 7.673 min Scan# 949

Delta R.T. 0.000 min

Lab File: VW031632.D

Acq: 29 Jan 2025 11:29

Instrument :

MSVOA_W

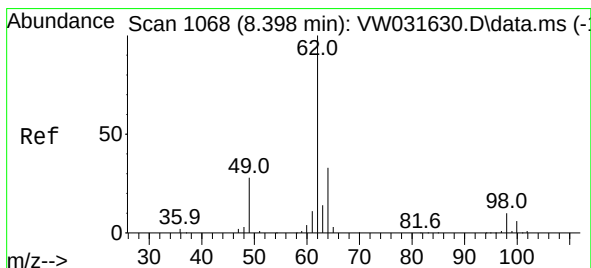
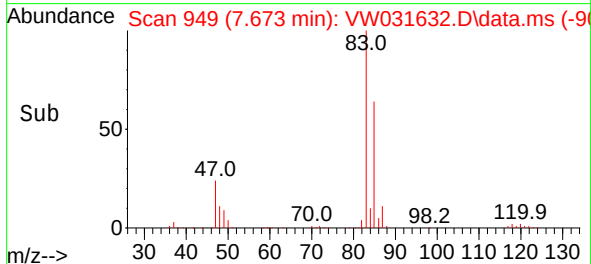
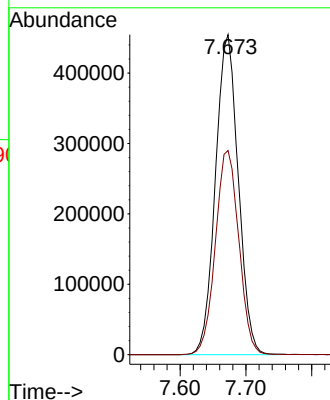
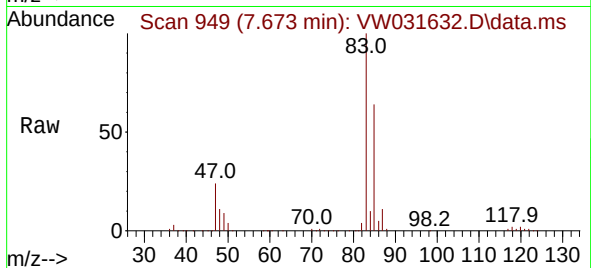
ClientSampleId :

Tgt Ion: 83 Resp: 1099785

Ion Ratio Lower Upper

83 100

85 63.8 46.2 85.8



#27

1,2-Dichloroethane

Concen: 28.366 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. 0.000 min

Lab File: VW031632.D

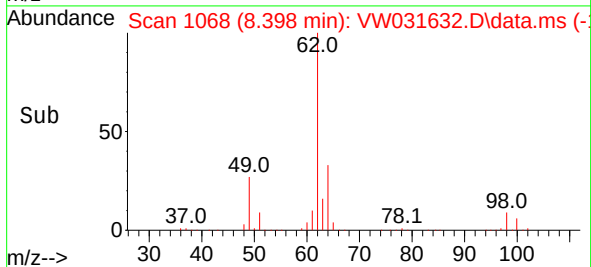
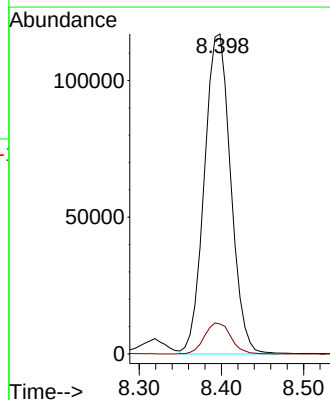
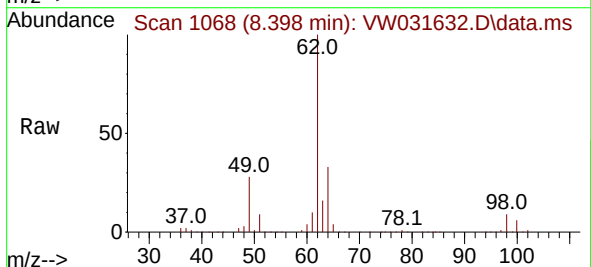
Acq: 29 Jan 2025 11:29

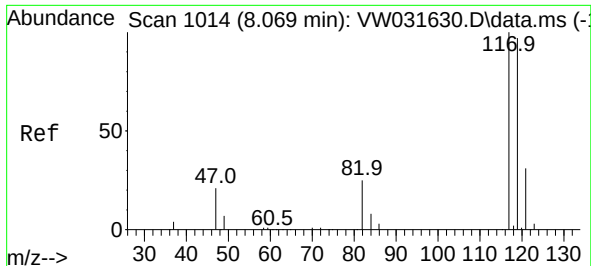
Tgt Ion: 62 Resp: 260781

Ion Ratio Lower Upper

62 100

98 9.4 7.3 10.9

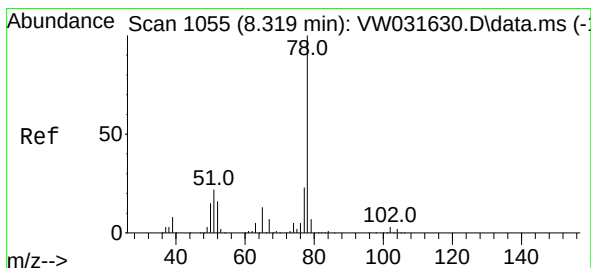
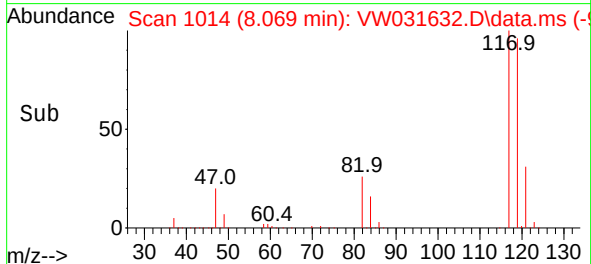
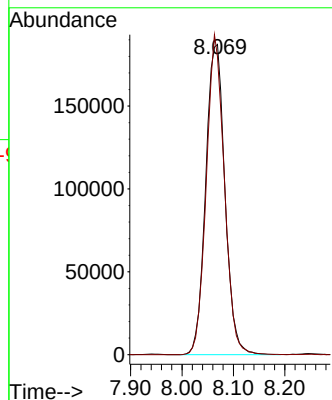
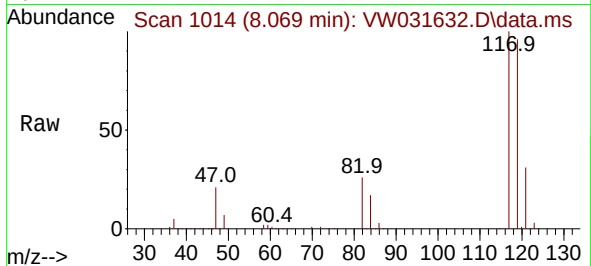




#31
Carbon tetrachloride
Concen: 41.123 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. 0.000 min
Lab File: VW031632.D
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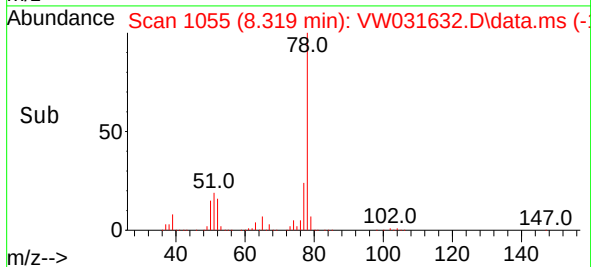
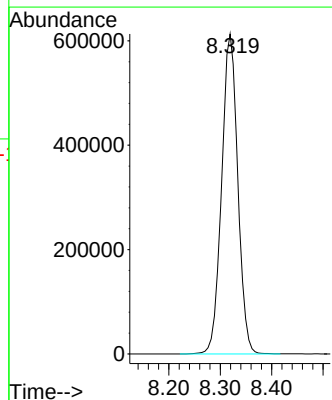
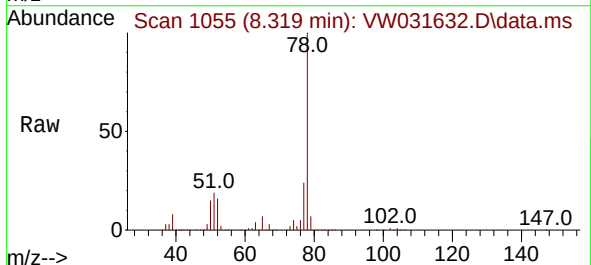
Instrument :
MSVOA_W
ClientSampleId :

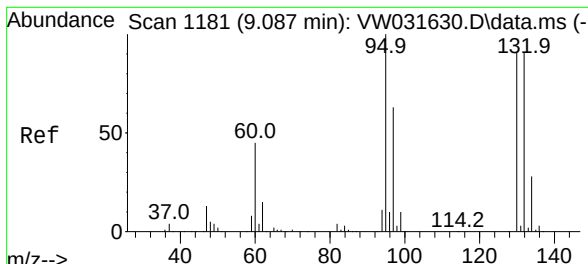
Tgt Ion:117 Resp: 485868
Ion Ratio Lower Upper
117 100
119 97.0 77.4 116.0



#33
Benzene
Concen: 38.077 ug/L
RT: 8.319 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VW031632.D
Acq: 29 Jan 2025 11:29

Tgt Ion: 78 Resp: 1337752





#34

Trichloroethene

Concen: 37.239 ug/L

RT: 9.087 min Scan# 1181

Delta R.T. 0.000 min

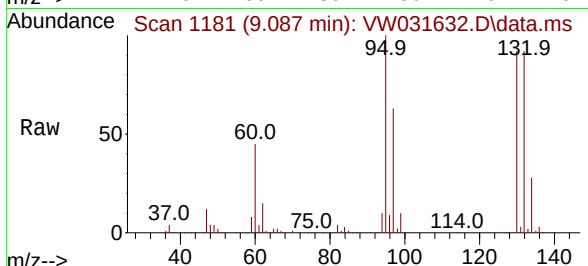
Lab File: VW031632.D

Acq: 29 Jan 2025 11:29

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 351743

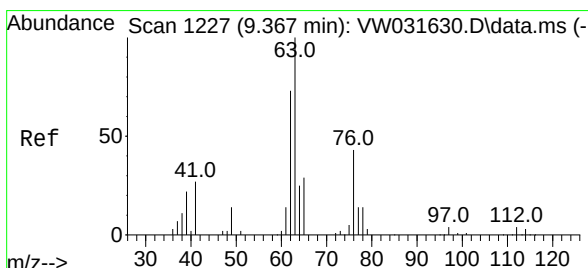
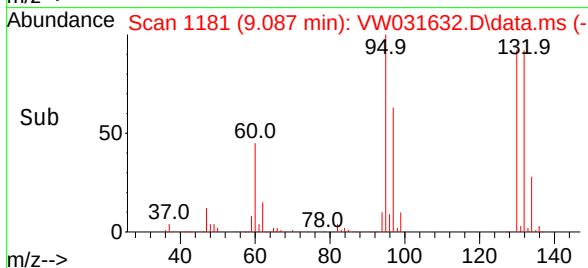
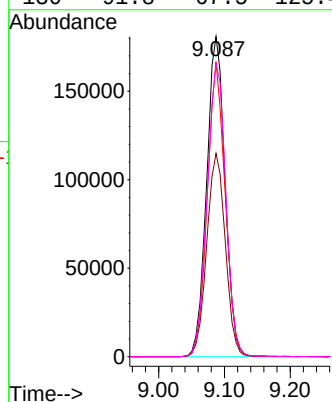
Ion Ratio Lower Upper

95 100

97 63.5 44.0 81.6

132 92.0 64.6 120.0

130 91.8 67.5 125.4



#37

1,2-Dichloropropane

Concen: 14.377 ug/L

RT: 9.361 min Scan# 1226

Delta R.T. -0.006 min

Lab File: VW031632.D

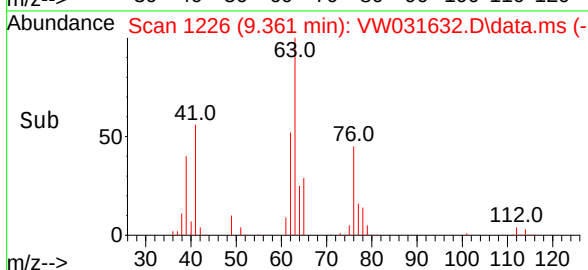
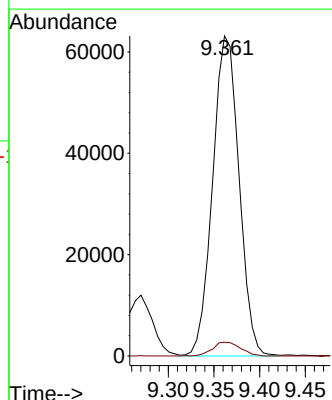
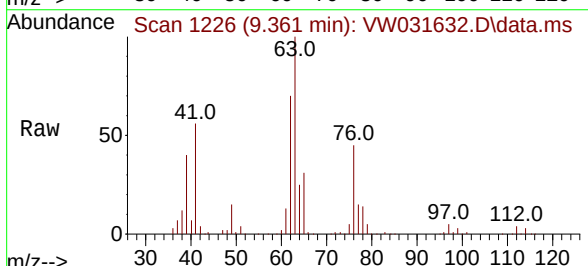
Acq: 29 Jan 2025 11:29

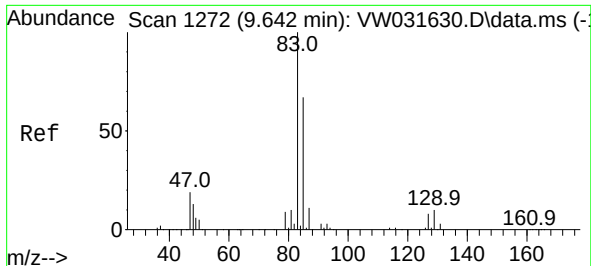
Tgt Ion: 63 Resp: 126953

Ion Ratio Lower Upper

63 100

112 4.5 3.6 5.4

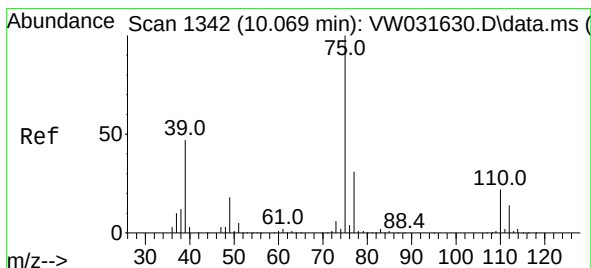
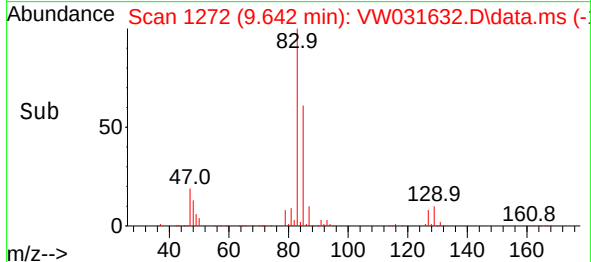
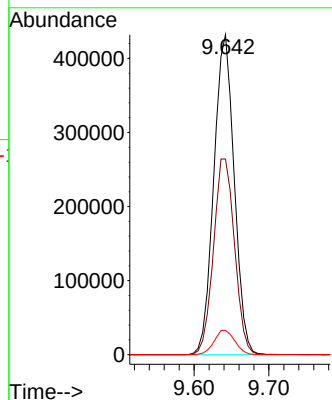
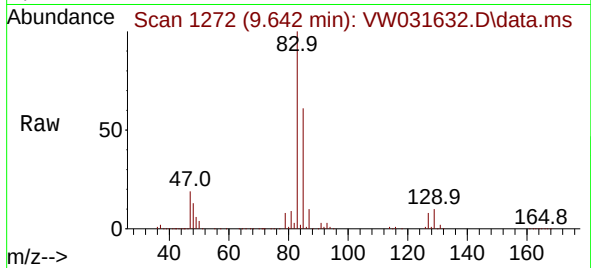




#38
Bromodichloromethane
Concen: 76.702 ug/L
RT: 9.642 min Scan# 1272
Delta R.T. 0.000 min
Lab File: VW031632.D
Acq: 29 Jan 2025 11:29

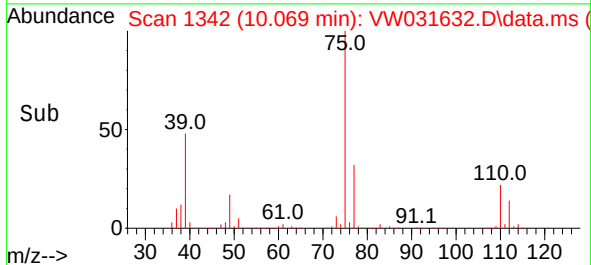
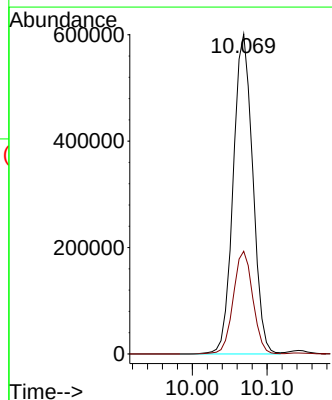
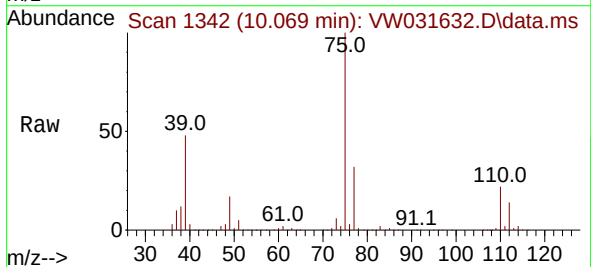
Instrument :
MSVOA_W
ClientSampleId :

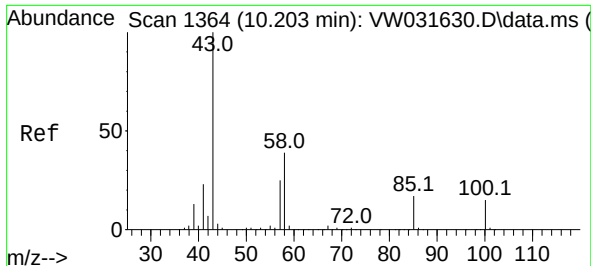
Tgt Ion: 83 Resp: 819272
Ion Ratio Lower Upper
83 100
85 61.2 43.8 81.3
127 7.6 6.2 9.4



#39
cis-1,3-Dichloropropene
Concen: 78.651 ug/L
RT: 10.069 min Scan# 1342
Delta R.T. 0.000 min
Lab File: VW031632.D
Acq: 29 Jan 2025 11:29

Tgt Ion: 75 Resp: 1092528
Ion Ratio Lower Upper
75 100
77 32.1 21.6 40.2





#40

4-Methyl-2-pentanone

Concen: 110.822 ug/L

RT: 10.203 min Scan# 1364

Delta R.T. 0.000 min

Lab File: VW031632.D

Acq: 29 Jan 2025 11:29

Instrument :

MSVOA_W

ClientSampleId :

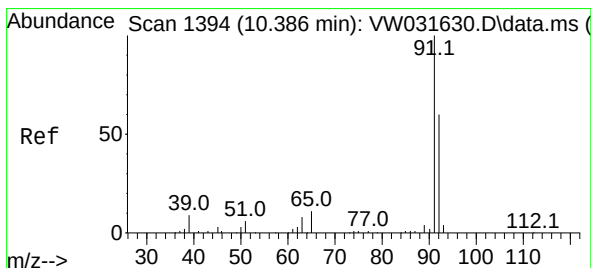
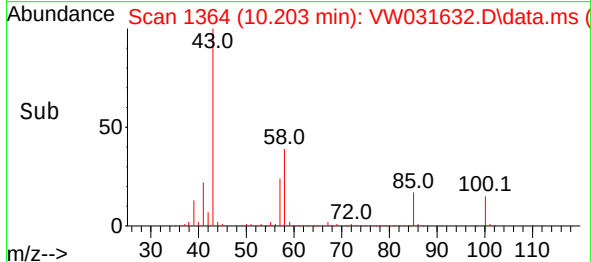
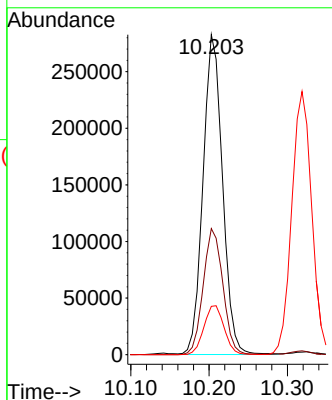
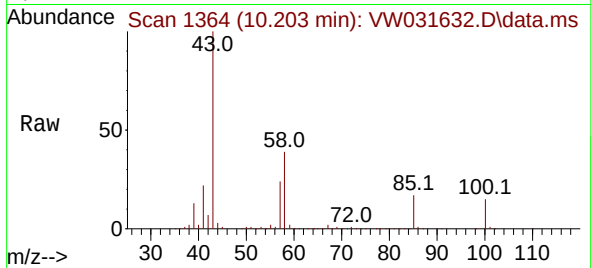
Tgt Ion: 43 Resp: 488456

Ion Ratio Lower Upper

43 100

58 39.8 31.4 47.2

100 15.8 12.3 18.5



#42

Toluene

Concen: 32.606 ug/L

RT: 10.380 min Scan# 1393

Delta R.T. -0.006 min

Lab File: VW031632.D

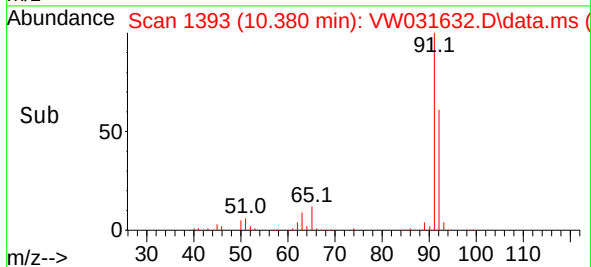
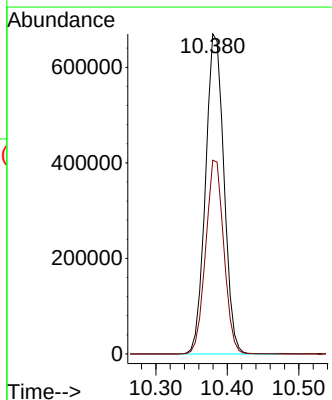
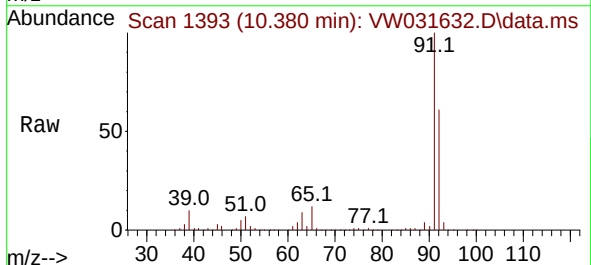
Acq: 29 Jan 2025 11:29

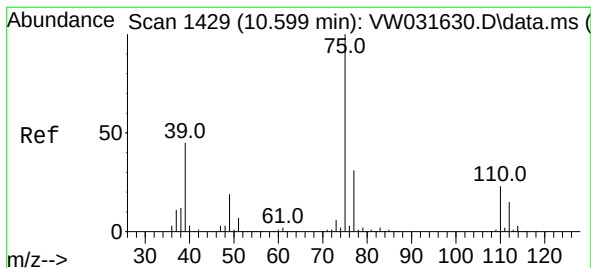
Tgt Ion: 91 Resp: 1197463

Ion Ratio Lower Upper

91 100

92 60.5 40.6 75.4

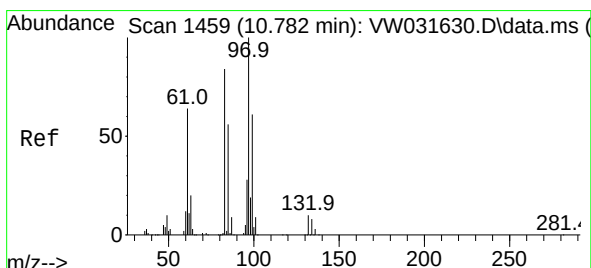
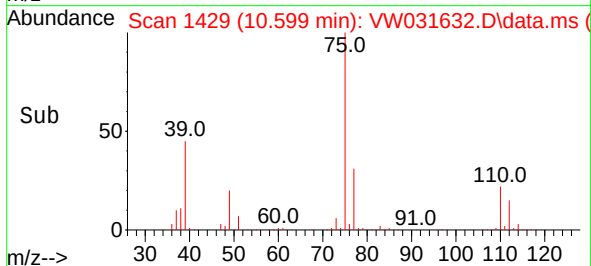
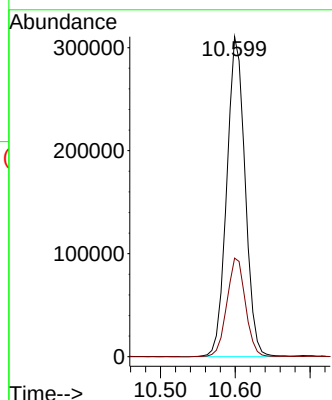
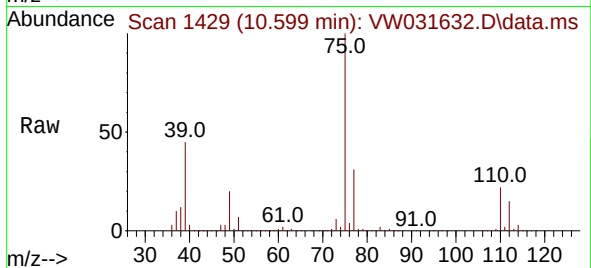




#44
trans-1,3-Dichloropropene
Concen: 47.764 ug/L
RT: 10.599 min Scan# 1429
Delta R.T. 0.000 min
Lab File: VW031632.D
Acq: 29 Jan 2025 11:29

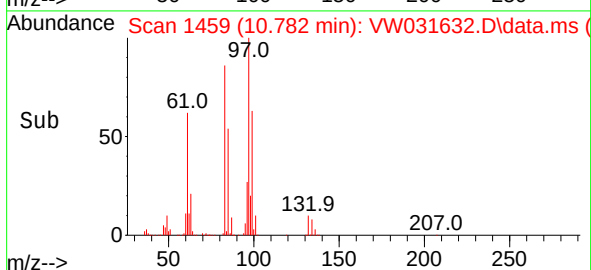
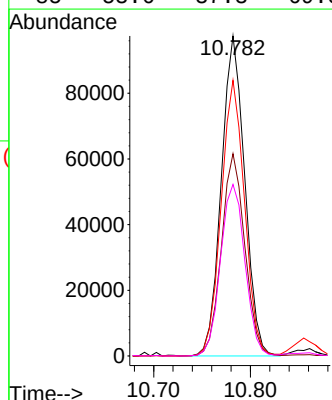
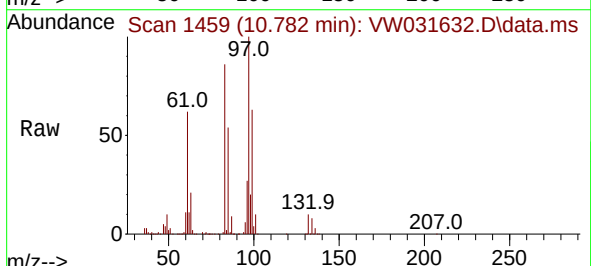
Instrument :
MSVOA_W
ClientSampleId :

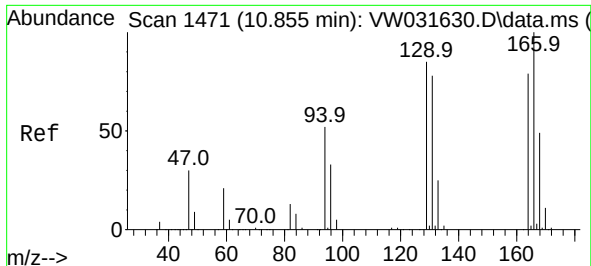
Tgt Ion: 75 Resp: 530336
Ion Ratio Lower Upper
75 100
77 30.8 22.5 41.9



#45
1,1,2-Trichloroethane
Concen: 28.900 ug/L
RT: 10.782 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VW031632.D
Acq: 29 Jan 2025 11:29

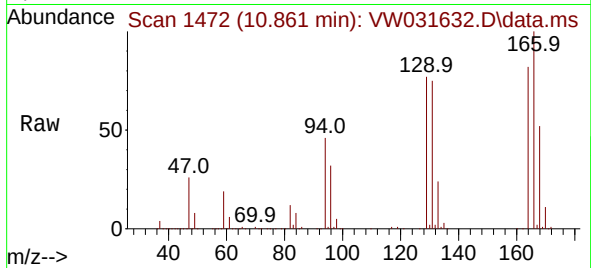
Tgt Ion: 97 Resp: 163577
Ion Ratio Lower Upper
97 100
99 63.2 42.6 79.2
83 86.2 59.6 110.8
85 53.6 37.3 69.3



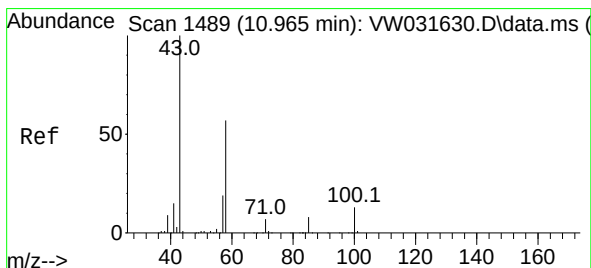
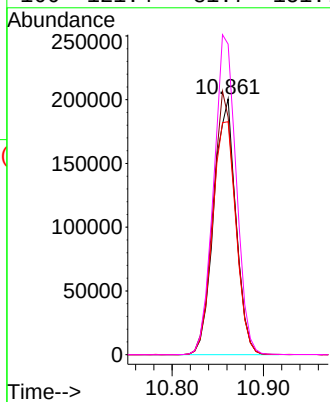
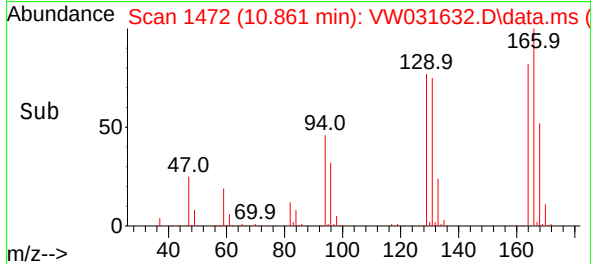


#46
Tetrachloroethene
Concen: 49.691 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VW031632.D
Acq: 29 Jan 2025 11:29

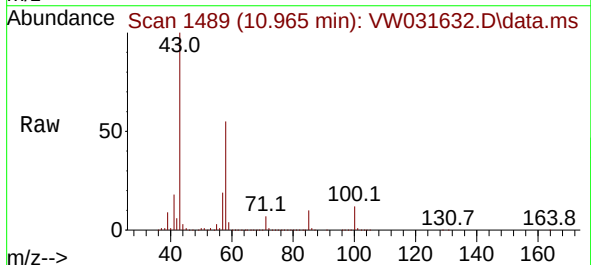
Instrument :
MSVOA_W
ClientSampleId :



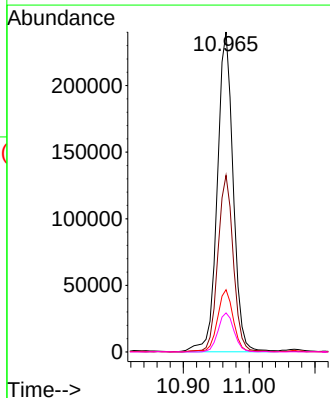
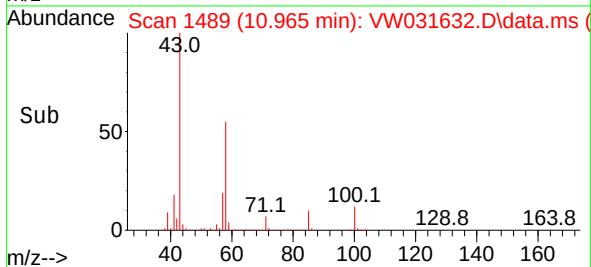
Tgt Ion:164 Resp: 336813
Ion Ratio Lower Upper
164 100
129 92.9 69.8 129.6
131 91.1 63.1 117.1
166 121.4 81.7 151.7

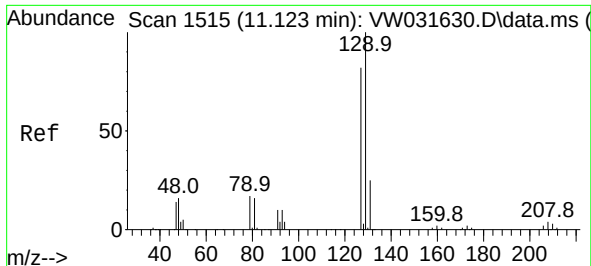


#48
2-Hexanone
Concen: 149.944 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW031632.D
Acq: 29 Jan 2025 11:29



Tgt Ion: 43 Resp: 403866
Ion Ratio Lower Upper
43 100
58 53.8 44.8 67.2
57 19.2 15.6 23.4
100 12.3 9.3 13.9





#49

Dibromochloromethane

Concen: 91.034 ug/L

RT: 11.123 min Scan# 1515

Delta R.T. 0.000 min

Lab File: VW031632.D

Acq: 29 Jan 2025 11:29

Instrument :

MSVOA_W

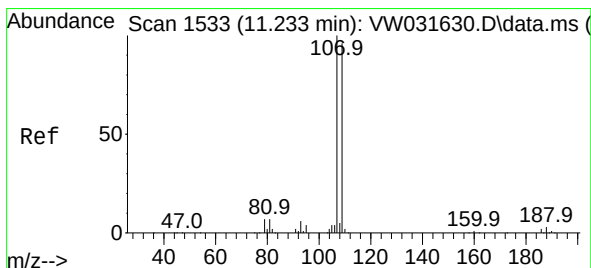
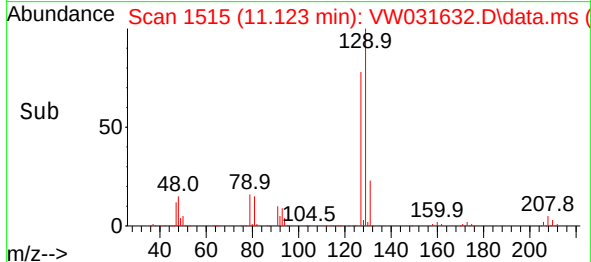
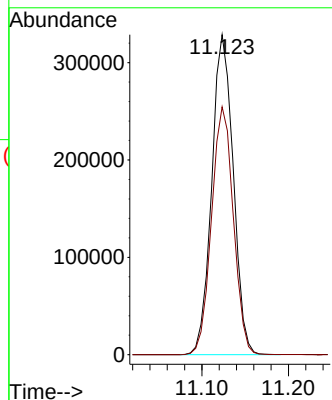
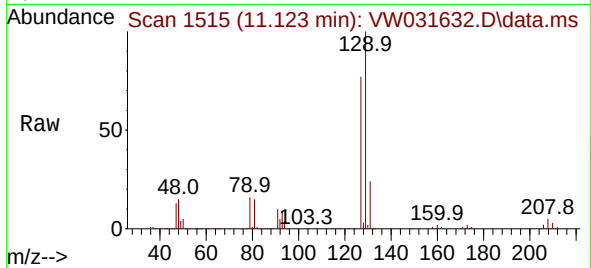
ClientSampleId :

Tgt Ion:129 Resp: 566925

Ion Ratio Lower Upper

129 100

127 77.5 53.0 98.4



#50

1,2-Dibromoethane

Concen: 77.249 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. 0.000 min

Lab File: VW031632.D

Acq: 29 Jan 2025 11:29

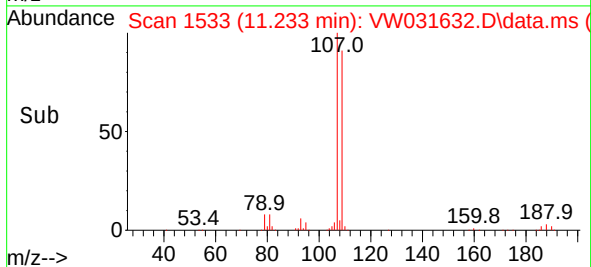
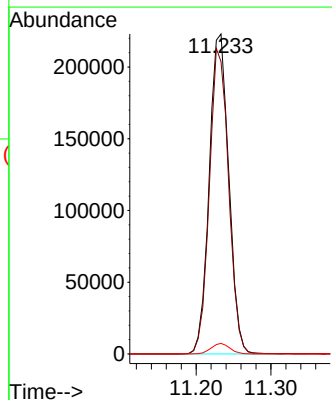
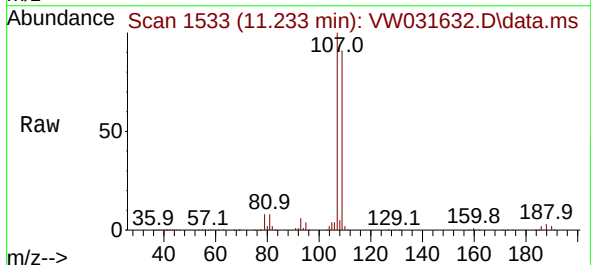
Tgt Ion:107 Resp: 405229

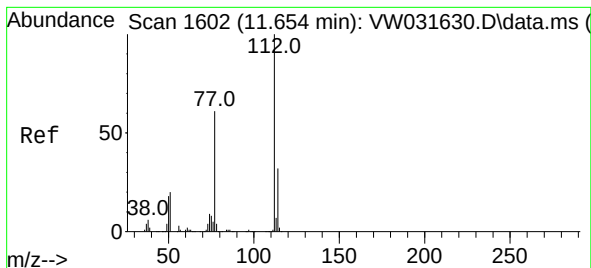
Ion Ratio Lower Upper

107 100

109 91.3 63.8 118.4

188 3.3 2.6 3.8





#51

Chlorobenzene

Concen: 16.590 ug/L

RT: 11.654 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW031632.D

Acq: 29 Jan 2025 11:29

Instrument :

MSVOA_W

ClientSampleId :

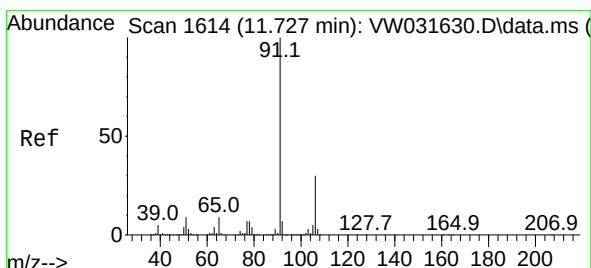
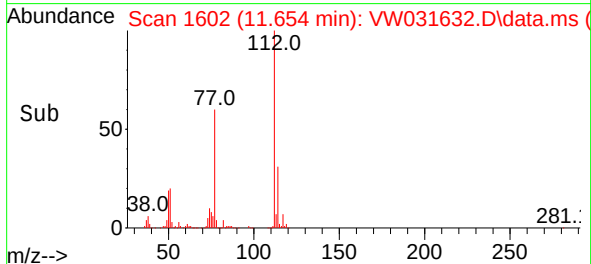
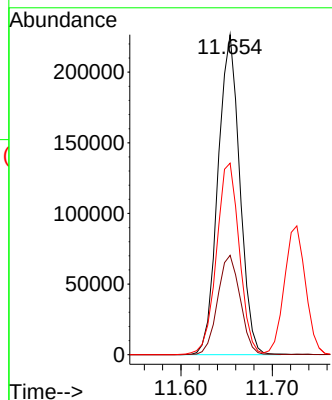
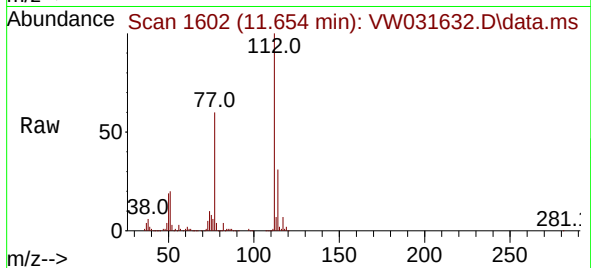
Tgt Ion:112 Resp: 376214

Ion Ratio Lower Upper

112 100

114 31.1 22.0 40.8

77 59.8 49.0 73.4



#52

Ethylbenzene

Concen: 40.161 ug/L

RT: 11.727 min Scan# 1614

Delta R.T. 0.000 min

Lab File: VW031632.D

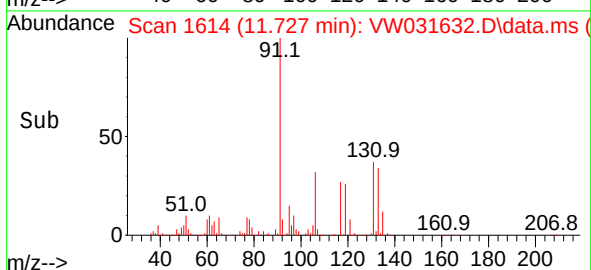
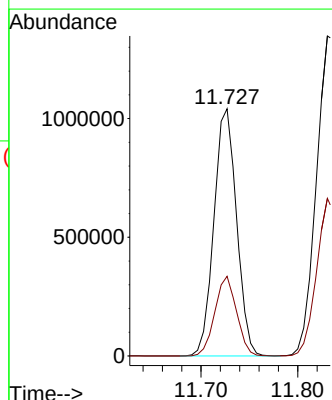
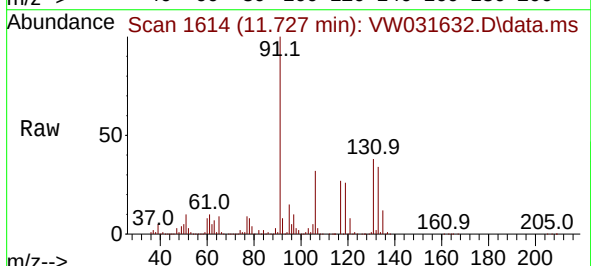
Acq: 29 Jan 2025 11:29

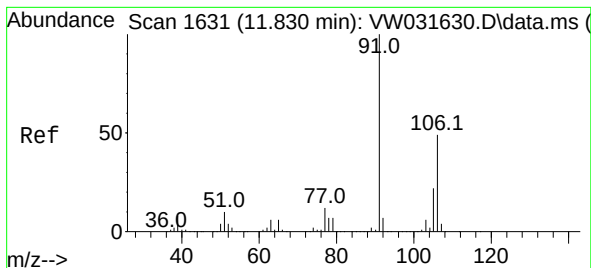
Tgt Ion: 91 Resp: 1692338

Ion Ratio Lower Upper

91 100

106 32.2 22.3 41.3





#53

m,p-Xylene

Concen: 77.205 ug/L

RT: 11.831 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW031632.D

Acq: 29 Jan 2025 11:29

Instrument :

MSVOA_W

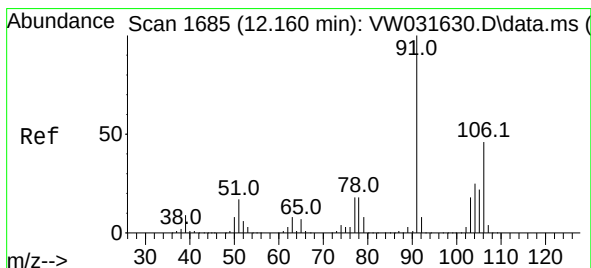
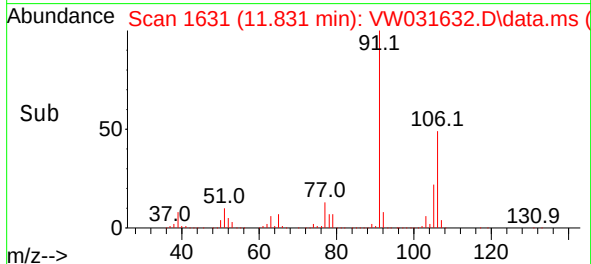
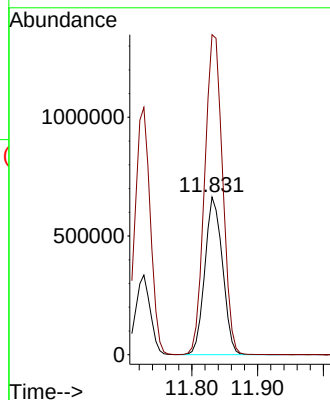
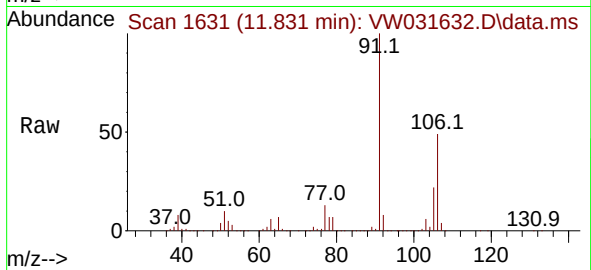
ClientSampleId :

Tgt Ion:106 Resp: 1240440

Ion Ratio Lower Upper

106 100

91 203.0 145.9 270.9



#54

o-Xylene

Concen: 35.713 ug/L

RT: 12.160 min Scan# 1685

Delta R.T. 0.000 min

Lab File: VW031632.D

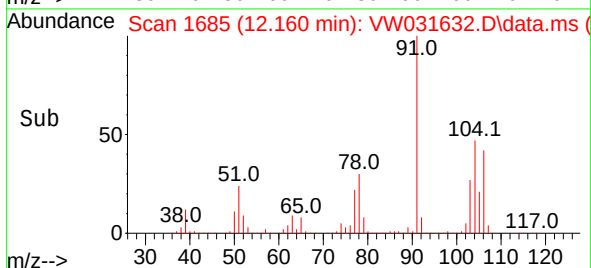
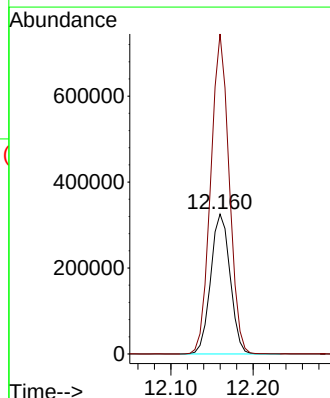
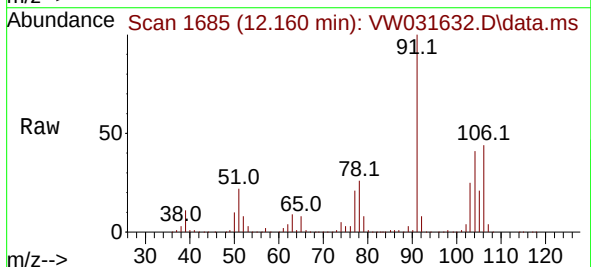
Acq: 29 Jan 2025 11:29

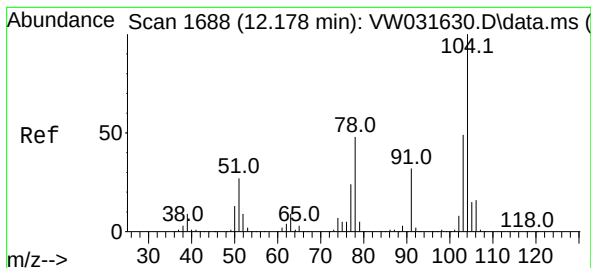
Tgt Ion:106 Resp: 533264

Ion Ratio Lower Upper

106 100

91 228.7 152.9 284.1





#55

Styrene

Concen: 56.985 ug/L

RT: 12.178 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW031632.D

Acq: 29 Jan 2025 11:29

Instrument :

MSVOA_W

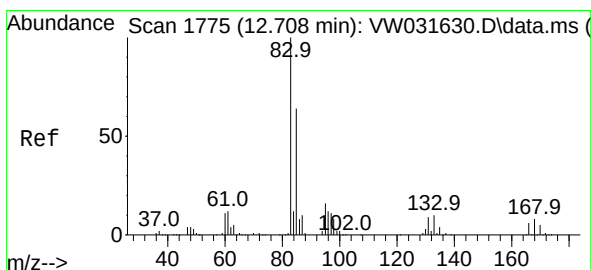
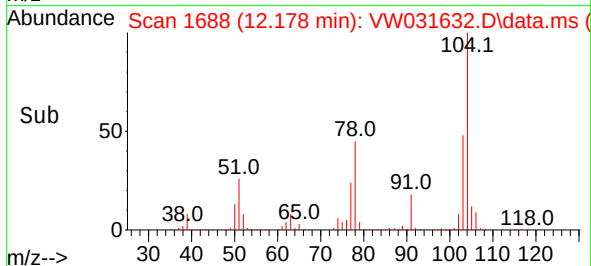
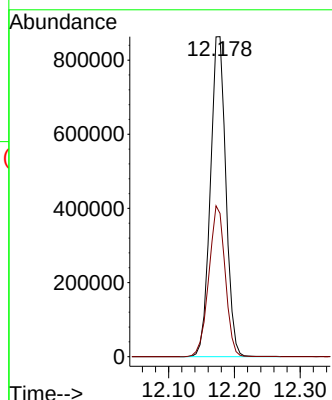
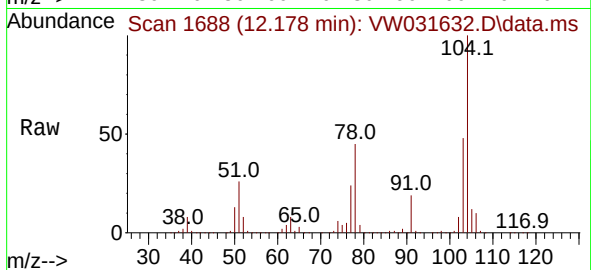
ClientSampleId :

Tgt Ion:104 Resp: 1415837

Ion Ratio Lower Upper

104 100

78 44.8 32.0 59.4



#57

1,1,2,2-Tetrachloroethane

Concen: 34.370 ug/L

RT: 12.708 min Scan# 1775

Delta R.T. 0.000 min

Lab File: VW031632.D

Acq: 29 Jan 2025 11:29

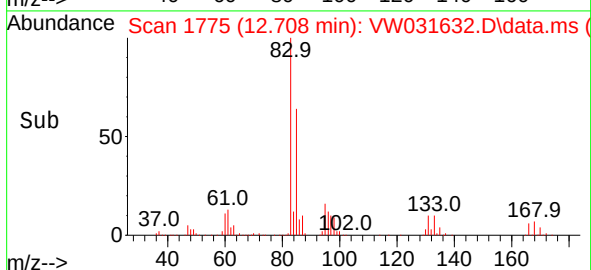
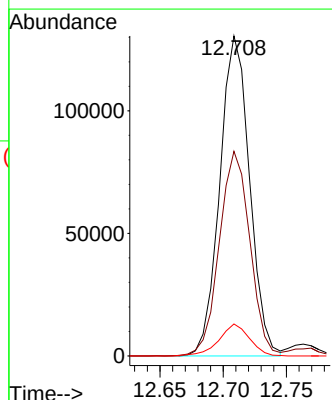
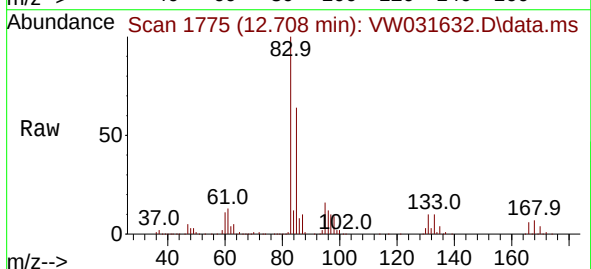
Tgt Ion: 83 Resp: 213758

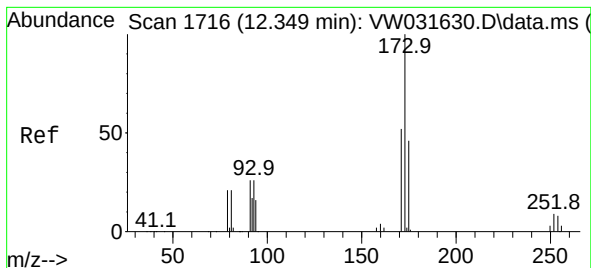
Ion Ratio Lower Upper

83 100

85 63.9 44.1 81.9

131 10.0 7.4 11.0





#59

Bromoform

Concen: 28.241 ug/L

RT: 12.343 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW031632.D

Acq: 29 Jan 2025 11:29

Instrument :

MSVOA_W

ClientSampleId :

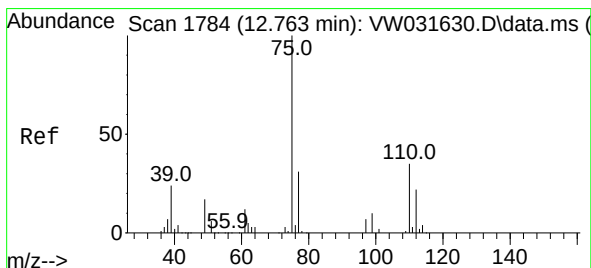
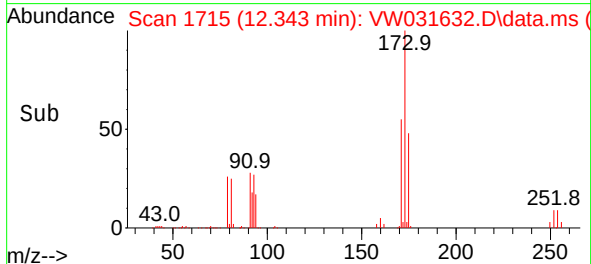
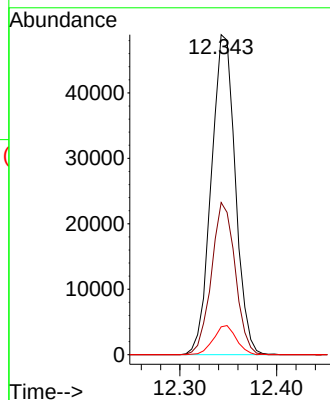
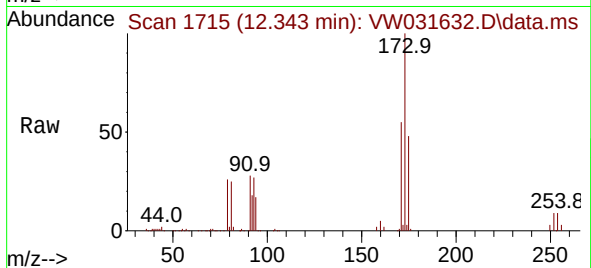
Tgt Ion:173 Resp: 84326

Ion Ratio Lower Upper

173 100

175 47.0 37.7 56.5

254 8.7 7.1 10.7



#61

1,2,3-Trichloropropane

Concen: 67.927 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VW031632.D

Acq: 29 Jan 2025 11:29

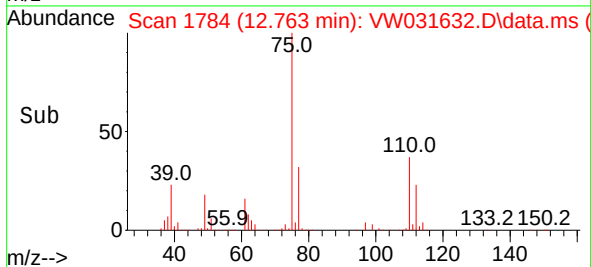
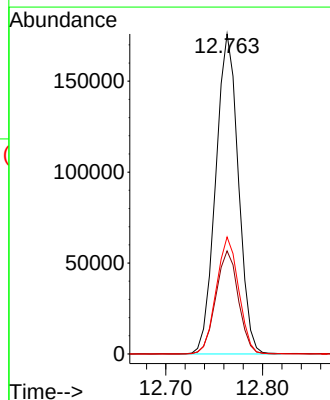
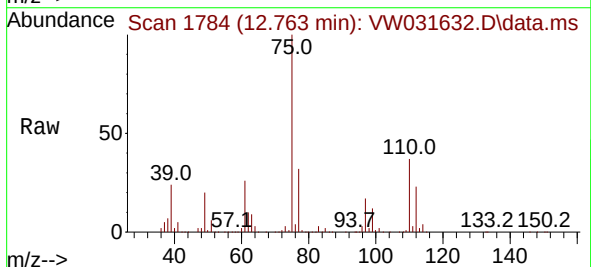
Tgt Ion: 75 Resp: 285847

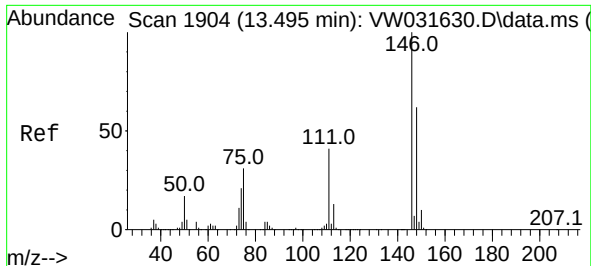
Ion Ratio Lower Upper

75 100

77 32.1 26.2 39.2

110 36.1 29.6 44.4





#64

1,3-Dichlorobenzene

Concen: 87.483 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW031632.D

Acq: 29 Jan 2025 11:29

Instrument :

MSVOA_W

ClientSampleId :

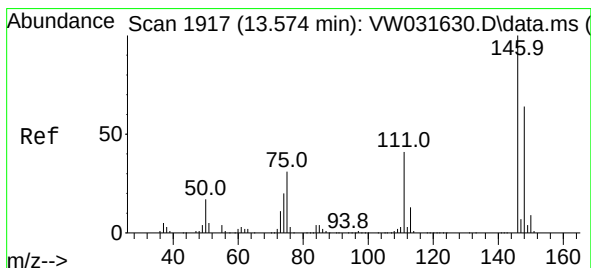
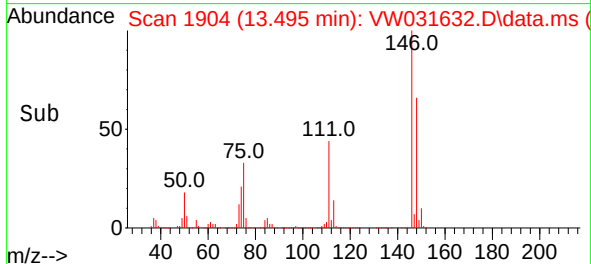
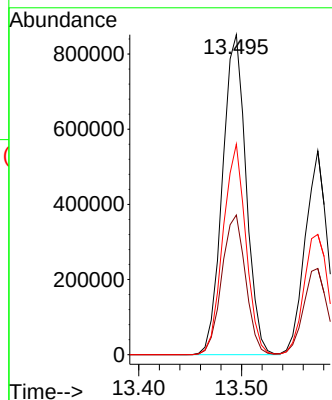
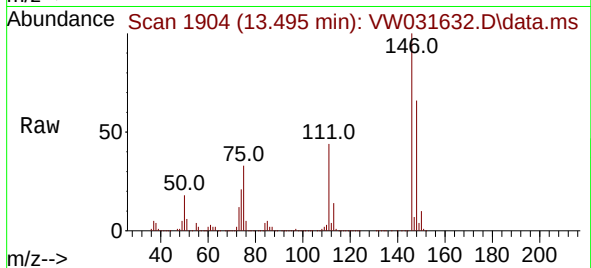
Tgt Ion:146 Resp: 1358299

Ion Ratio Lower Upper

146 100

111 43.7 30.4 56.5

148 65.8 42.1 78.1



#65

1,4-Dichlorobenzene

Concen: 53.417 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW031632.D

Acq: 29 Jan 2025 11:29

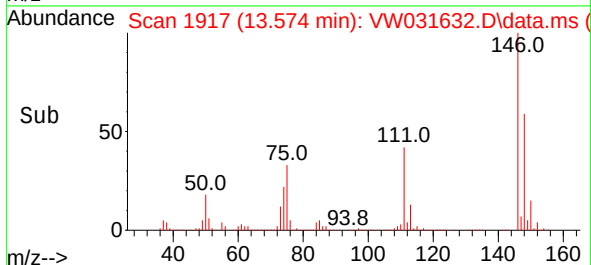
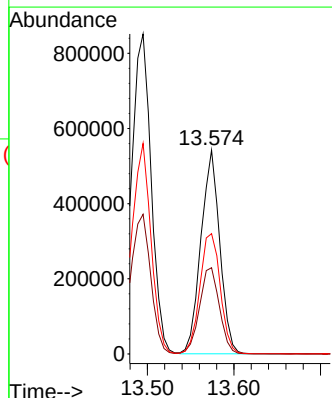
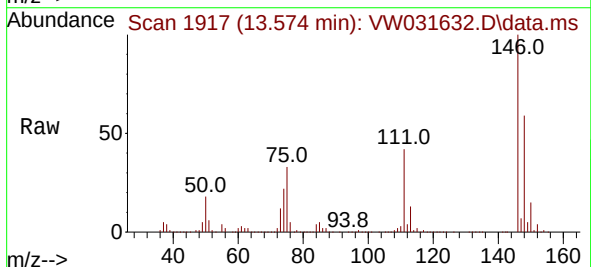
Tgt Ion:146 Resp: 820274

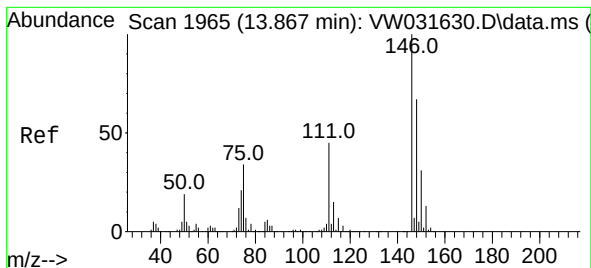
Ion Ratio Lower Upper

146 100

111 42.3 28.5 52.9

148 59.1 45.4 84.4





#67

1,2-Dichlorobenzene

Concen: 29.095 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW031632.D

Acq: 29 Jan 2025 11:29

Instrument :

MSVOA_W

ClientSampleId :

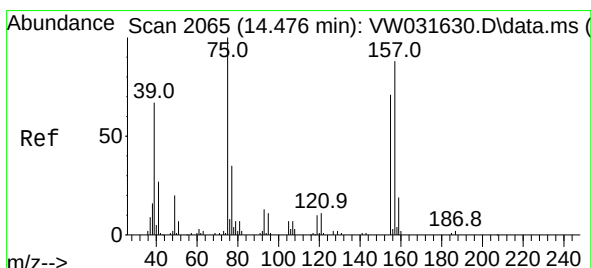
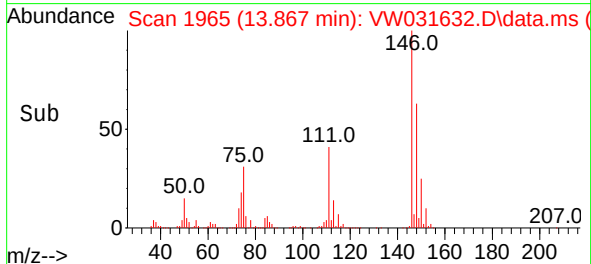
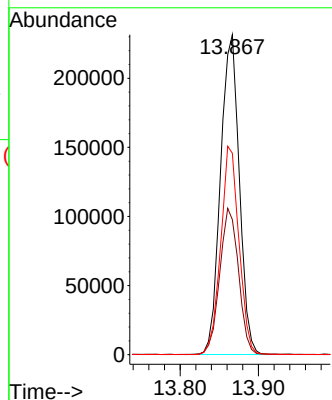
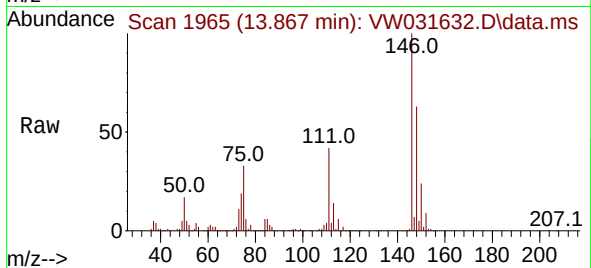
Tgt Ion:146 Resp: 385768

Ion Ratio Lower Upper

146 100

111 42.2 36.6 55.0

148 63.0 51.0 76.4



#68

1,2-Dibromo-3-chloropropane

Concen: 46.199 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. 0.000 min

Lab File: VW031632.D

Acq: 29 Jan 2025 11:29

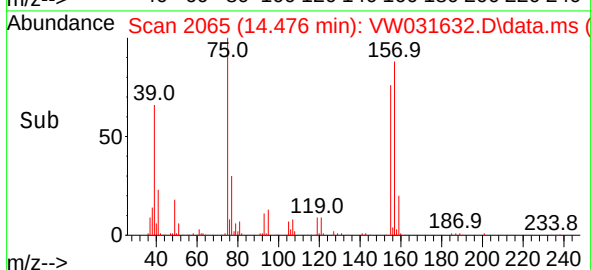
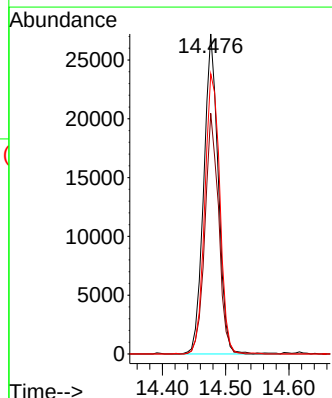
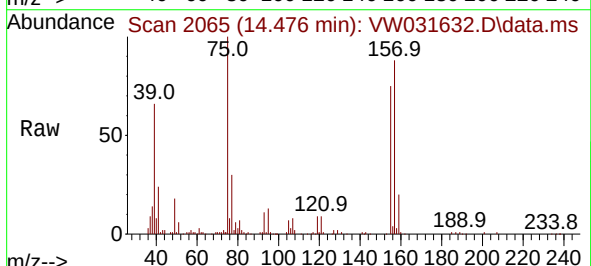
Tgt Ion: 75 Resp: 43465

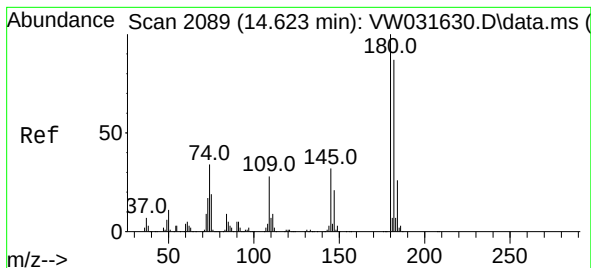
Ion Ratio Lower Upper

75 100

155 75.2 51.0 76.4

157 87.5 70.2 105.2





#69

1,3,5-Trichlorobenzene

Concen: 18.688 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.506 min

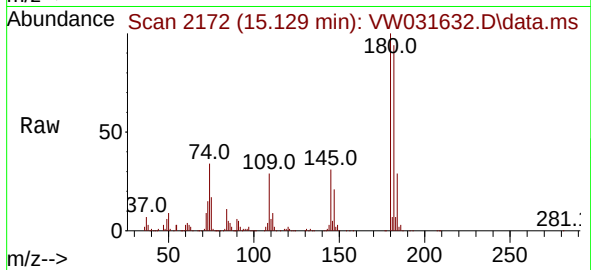
Lab File: VW031632.D

Acq: 29 Jan 2025 11:29

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 196636

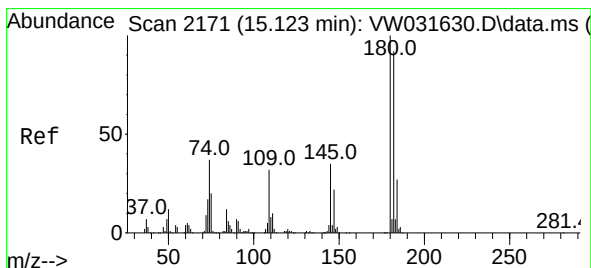
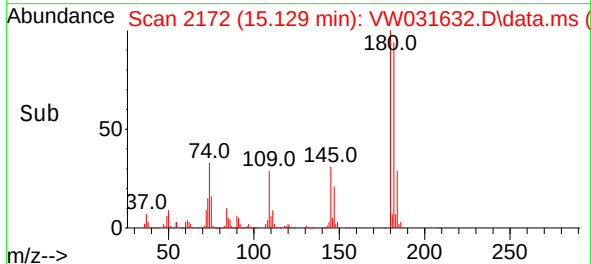
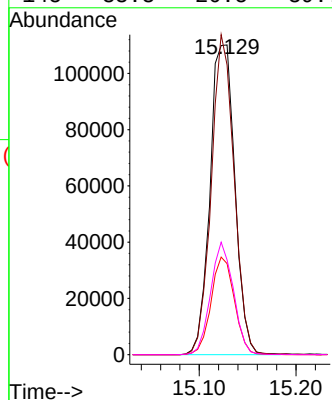
Ion Ratio Lower Upper

180 100

182 94.7 74.2 111.4

184 29.6 23.0 34.4

145 33.3 26.5 39.7



#70

1,2,4-trichlorobenzene

Concen: 23.463 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.006 min

Lab File: VW031632.D

Acq: 29 Jan 2025 11:29

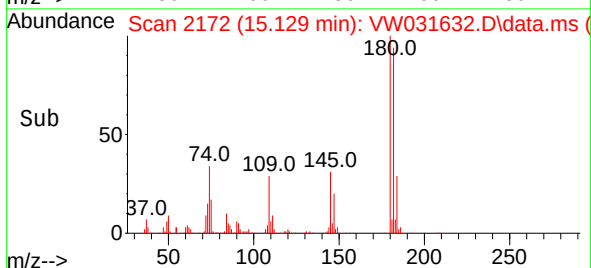
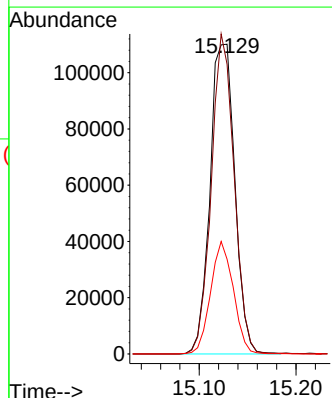
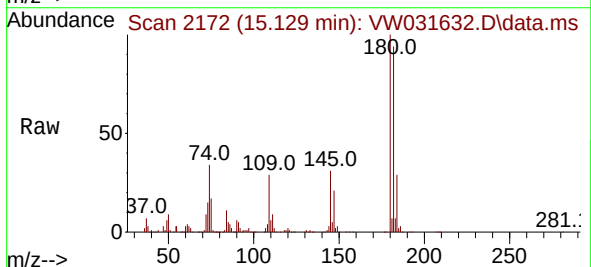
Tgt Ion:180 Resp: 196636

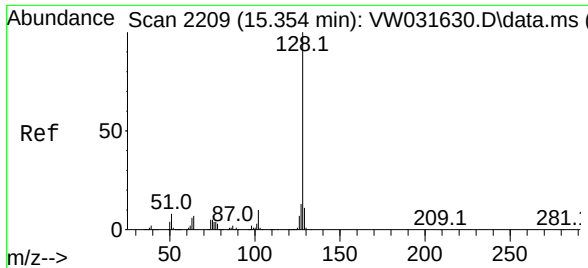
Ion Ratio Lower Upper

180 100

182 94.7 77.7 116.5

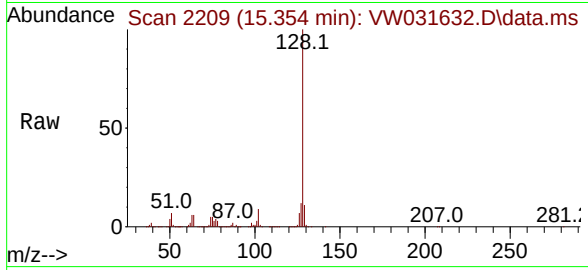
145 33.3 26.6 39.8





#71
Naphthalene
Concen: 74.504 ug/L
RT: 15.354 min Scan# 21
Delta R.T. 0.000 min
Lab File: VW031632.D
Acq: 29 Jan 2025 11:29

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion:128 Resp: 1170803
Ion Ratio Lower Upper
128 100
127 12.9 10.4 15.6
129 11.1 8.7 13.1

