

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112024\
 Data File : VW031070.D
 Acq On : 20 Nov 2024 12:39
 Operator : SY/MD
 Sample : VSTD100
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 21 03:51:44 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM112024SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Nov 21 03:49:11 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	429972	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	403180	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	201882	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	485360	92.596	ug/L	0.00
7) Chloroethane-d5	2.893	69	377917	91.348	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.021	65	240486	92.851	ug/L	0.00
21) 2-Butanone-d5	7.069	46	257714	213.536	ug/L	0.00
24) Chloroform-d	7.648	84	1121891	96.054	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	543579	95.253	ug/L	0.00
32) Benzene-d6	8.270	84	2236983	97.974	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.270	67	657697	97.689	ug/L	0.00
41) Toluene-d8	10.319	98	2096681	100.798	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.575	79	298741	106.587	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	221780	229.206	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	500722	97.649	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.849	152	693068	98.228	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.009	85	473057	92.802	ug/L	98
3) Chloromethane	2.229	50	537079	85.606	ug/L	98
5) Vinyl chloride	2.375	62	573433	88.740	ug/L	99
6) Bromomethane	2.784	94	398239	88.259	ug/L	99
8) Chloroethane	2.930	64	341021	87.985	ug/L	98
9) Trichlorofluoromethane	3.265	101	788915	88.264	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	547462	90.449	ug/L	99
12) 1,1-Dichloroethene	4.039	96	552872	93.968	ug/L	87
13) Acetone	4.113	43	317988	201.258	ug/L	98
14) Carbon disulfide	4.387	76	1762801	92.303	ug/L	100
15) Methyl Acetate	4.667	43	220402	105.019	ug/L	100
16) Methylene chloride	4.911	84	562742	91.422	ug/L	94
17) trans-1,2-Dichloroethene	5.423	96	600068	93.886	ug/L	99
18) Methyl tert-butyl Ether	5.429	73	932051	101.199	ug/L	99
19) 1,1-Dichloroethane	6.216	63	1035946	92.493	ug/L	95
20) cis-1,2-Dichloroethene	7.167	96	670306	99.400	ug/L	98
22) 2-Butanone	7.167	43	380167	196.203	ug/L	98
23) Bromochloromethane	7.514	128	289139	95.695	ug/L	95
25) Chloroform	7.679	83	1073141	91.664	ug/L	93
27) 1,2-Dichloroethane	8.398	62	645360	92.497	ug/L	97
29) Cyclohexane	7.953	56	935998	99.253	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	892703	91.281	ug/L	99
31) Carbon tetrachloride	8.069	117	816274	91.790	ug/L	100
33) Benzene	8.319	78	2384545	92.399	ug/L	100
34) Trichloroethene	9.087	95	656400	93.891	ug/L	96
35) Methylcyclohexane	9.331	83	1076095	95.787	ug/L	98
37) 1,2-Dichloropropane	9.368	63	586141	91.094	ug/L	100
38) Bromodichloromethane	9.642	83	773606	95.527	ug/L	93
39) cis-1,3-Dichloropropene	10.069	75	984664	101.536	ug/L	99
40) 4-Methyl-2-pentanone	10.203	43	631483	208.578	ug/L	98
42) Toluene	10.386	91	2564785	94.105	ug/L	96
44) trans-1,3-Dichloropropene	10.605	75	810083	103.446	ug/L	97

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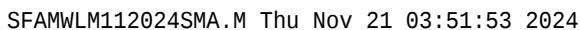
Instrument :
 MSVOA_W
 ClientSampleId :

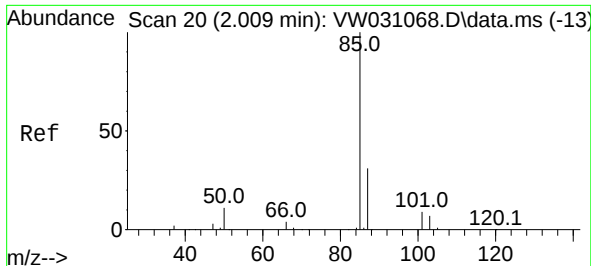
Quant Time: Nov 21 03:51:44 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM112024SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Nov 21 03:49:11 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.782	97	438033	93.592	ug/L	97
46) Tetrachloroethene	10.861	164	495771	88.681	ug/L	96
48) 2-Hexanone	10.965	43	520741	217.544	ug/L	98
49) Dibromochloromethane	11.123	129	510926	98.162	ug/L	97
50) 1,2-Dibromoethane	11.233	107	429080	96.340	ug/L	93
51) Chlorobenzene	11.654	112	1632067	91.565	ug/L	91
52) Ethylbenzene	11.727	91	2943734	96.334	ug/L	95
53) m,p-Xylene	11.837	106	1114587	95.567	ug/L	99
54) o-Xylene	12.160	106	1093516	99.765	ug/L	91
55) Styrene	12.178	104	1843954	98.853	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.709	83	493387	94.512	ug/L	95
59) Bromoform	12.343	173	311807	103.202	ug/L	99
60) Isopropylbenzene	12.459	105	2874475	97.727	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	350851	94.935	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	2324993	100.206	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	2339347	102.216	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	1244127	92.744	ug/L	97
65) 1,4-Dichlorobenzene	13.574	146	1237830	88.682	ug/L	96
67) 1,2-Dichlorobenzene	13.867	146	1124409	93.505	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.477	75	78370	97.020	ug/L	95
69) 1,3,5-Trichlorobenzene	14.623	180	876719	95.607	ug/L	95
70) 1,2,4-trichlorobenzene	15.123	180	743438	101.375	ug/L	99
71) Naphthalene	15.361	128	1402927	113.151	ug/L	99
72) 1,2,3-Trichlorobenzene	15.550	180	639990	98.049	ug/L	93

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

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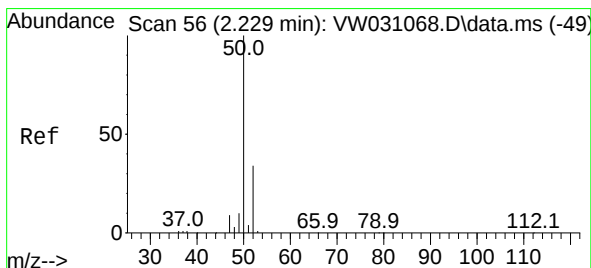
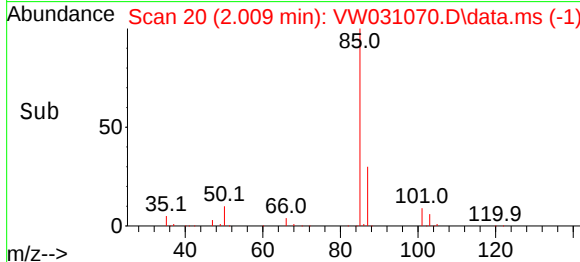
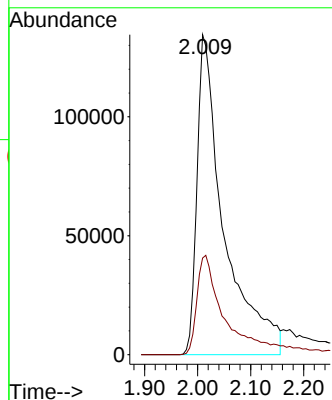
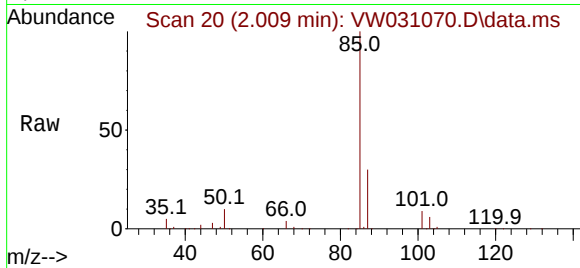




#2
 Dichlorodifluoromethane
 Concen: 92.802 ug/L
 RT: 2.009 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VW031070.D
 Acq: 20 Nov 2024 12:39

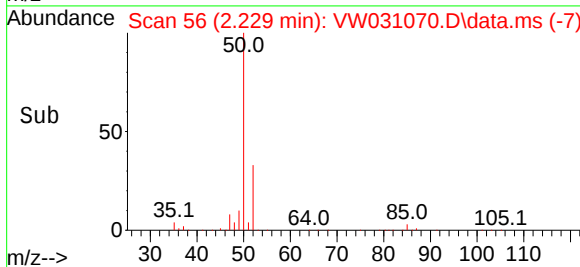
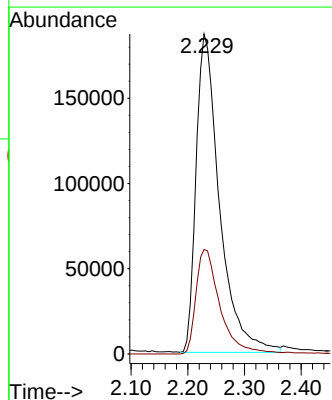
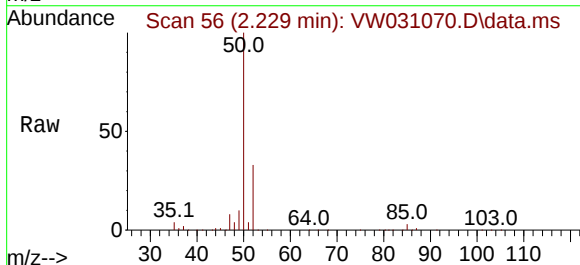
Instrument :
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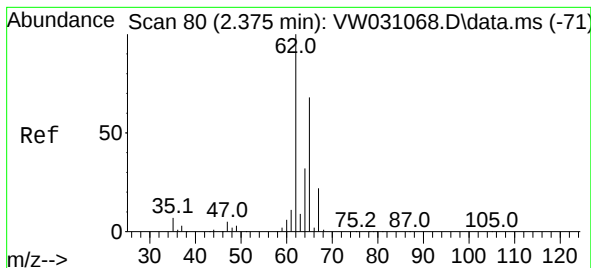
Tgt Ion: 85 Resp: 473057
 Ion Ratio Lower Upper
 85 100
 87 30.6 23.8 35.6



#3
 Chloromethane
 Concen: 85.606 ug/L
 RT: 2.229 min Scan# 56
 Delta R.T. 0.000 min
 Lab File: VW031070.D
 Acq: 20 Nov 2024 12:39

Tgt Ion: 50 Resp: 537079
 Ion Ratio Lower Upper
 50 100
 52 32.6 23.4 43.6





#5

Vinyl chloride

Concen: 88.740 ug/L

RT: 2.375 min Scan# 80

Delta R.T. 0.000 min

Lab File: VW031070.D

Acq: 20 Nov 2024 12:39

Instrument :

MSVOA_W

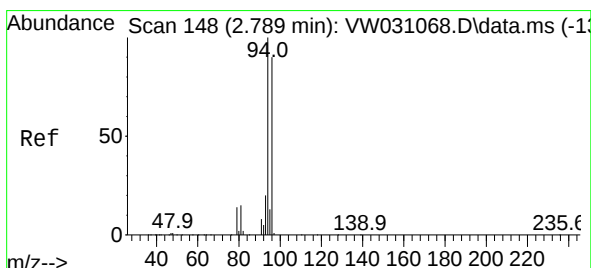
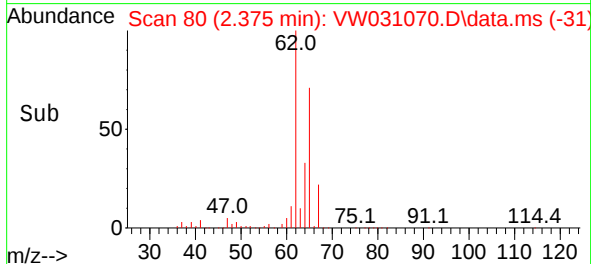
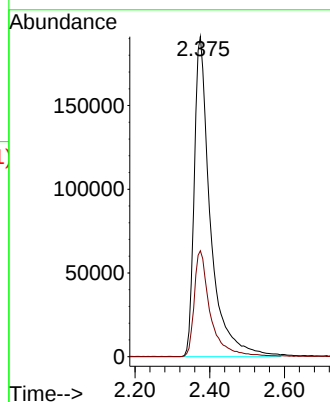
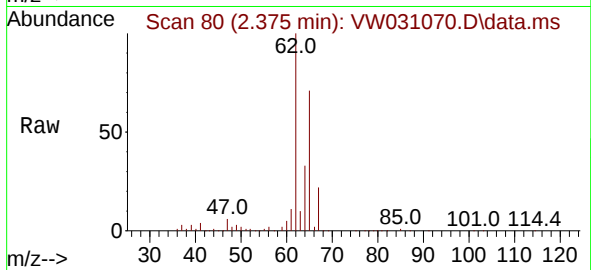
ClientSampleId :

Tgt Ion: 62 Resp: 573433

Ion Ratio Lower Upper

62 100

64 33.1 22.7 42.1



#6

Bromomethane

Concen: 88.259 ug/L

RT: 2.784 min Scan# 147

Delta R.T. -0.006 min

Lab File: VW031070.D

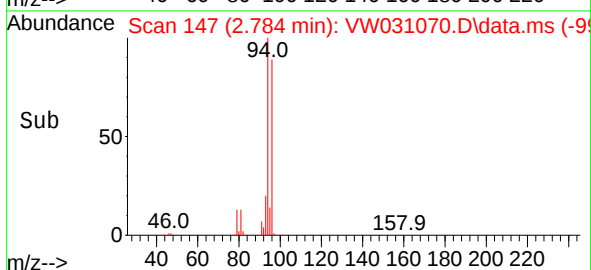
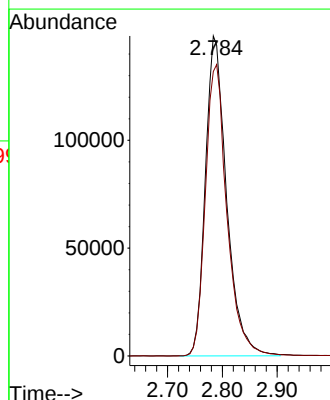
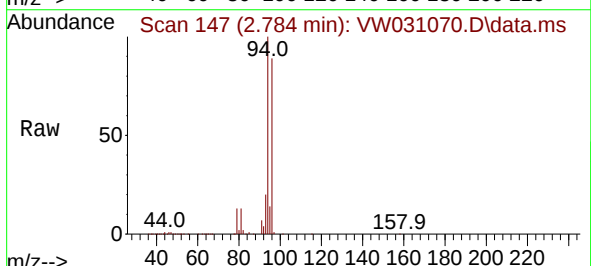
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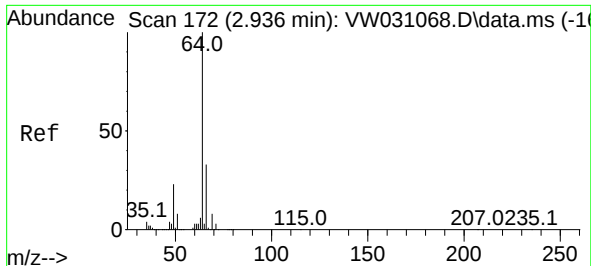
Tgt Ion: 94 Resp: 398239

Ion Ratio Lower Upper

94 100

96 88.9 62.6 116.3

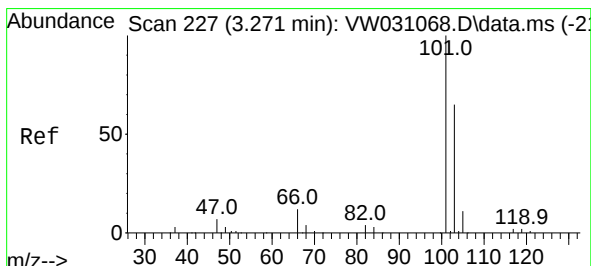
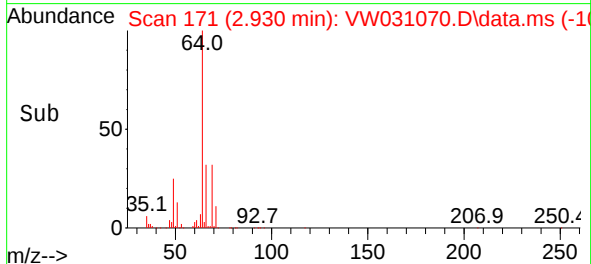
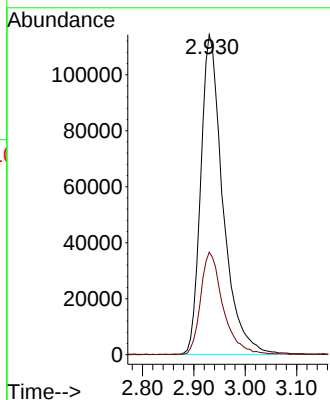
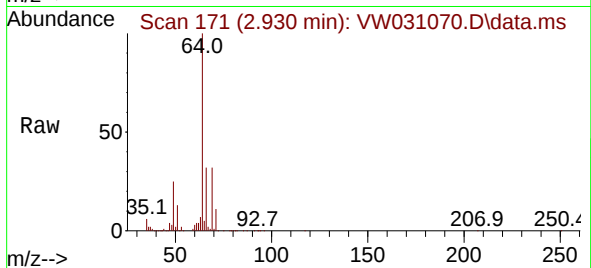




#8
Chloroethane
Concen: 87.985 ug/L
RT: 2.930 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW031070.D
Acq: 20 Nov 2024 12:39

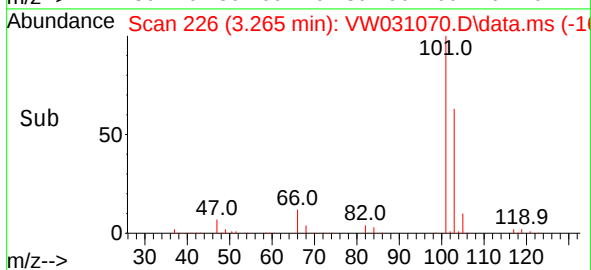
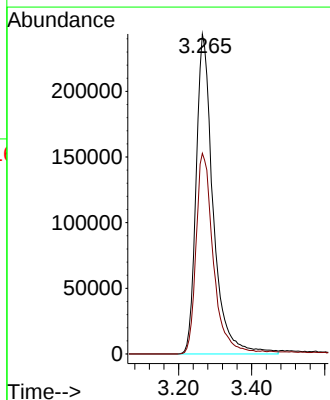
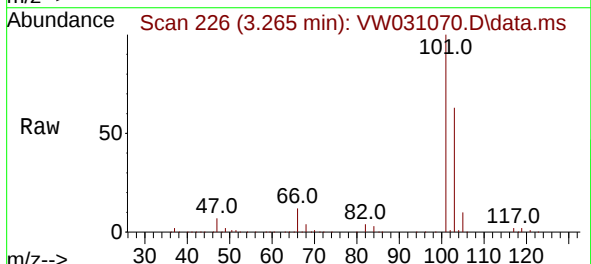
Instrument :
MSVOA_W
ClientSampleId :

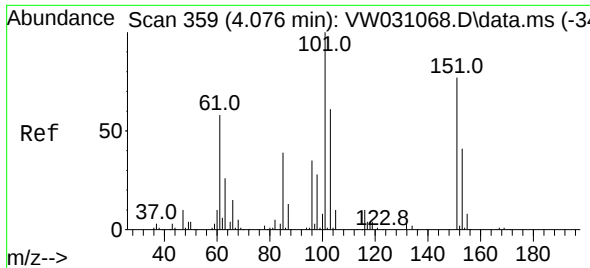
Tgt Ion: 64 Resp: 341021
Ion Ratio Lower Upper
64 100
66 32.1 23.2 43.2



#9
Trichlorofluoromethane
Concen: 88.264 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.006 min
Lab File: VW031070.D
Acq: 20 Nov 2024 12:39

Tgt Ion:101 Resp: 788915
Ion Ratio Lower Upper
101 100
103 63.6 50.7 76.1





#10

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

Concen: 90.449 ug/L

RT: 4.070 min Scan# 359

Delta R.T. -0.006 min

Lab File: VW031070.D

Acq: 20 Nov 2024 12:39

Instrument :

MSVOA_W

ClientSampleId :

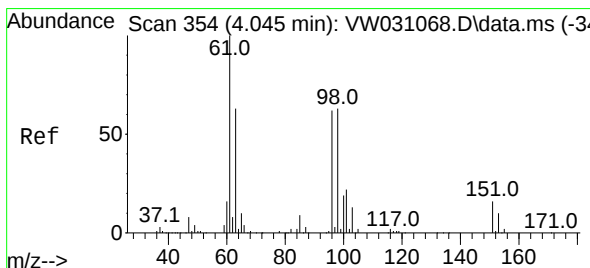
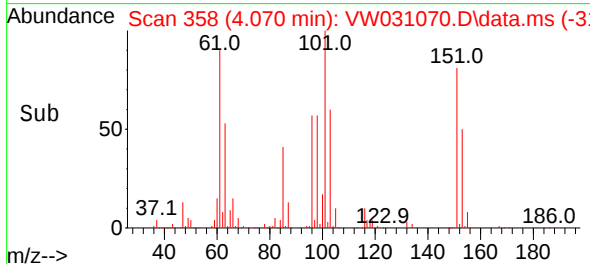
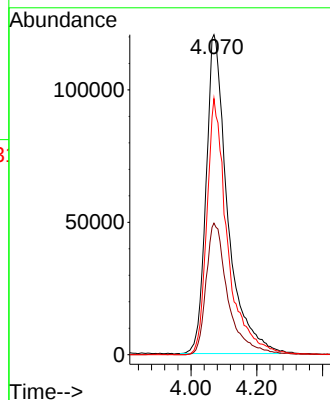
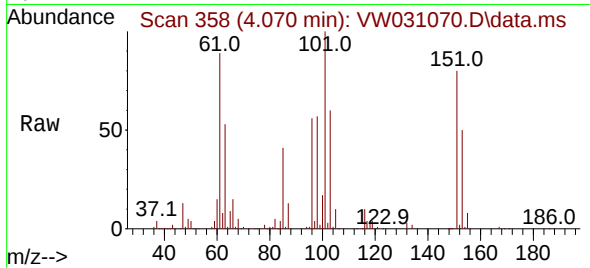
Tgt Ion:101 Resp: 547462

Ion Ratio Lower Upper

101 100

85 41.3 33.9 50.9

151 76.8 61.8 92.6



#12

1,1-Dichloroethene

Concen: 93.968 ug/L

RT: 4.039 min Scan# 353

Delta R.T. -0.006 min

Lab File: VW031070.D

Acq: 20 Nov 2024 12:39

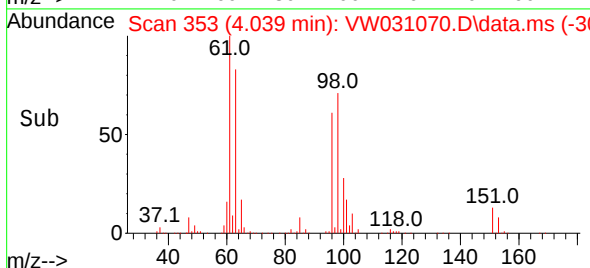
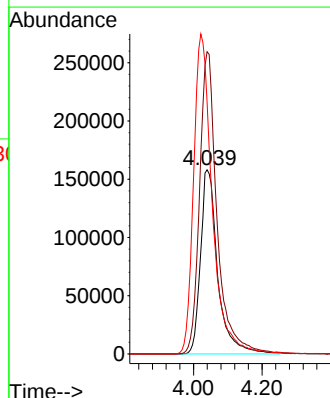
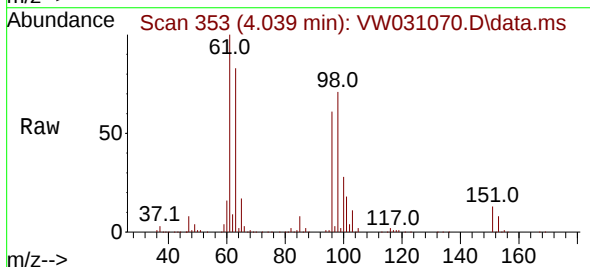
Tgt Ion: 96 Resp: 552872

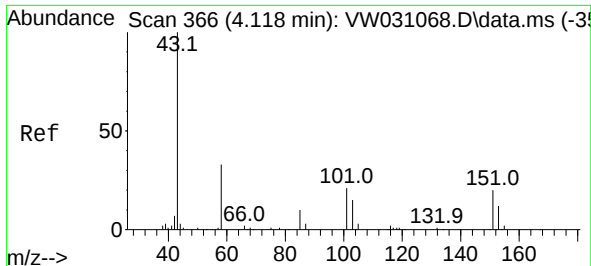
Ion Ratio Lower Upper

96 100

61 164.1 113.5 210.9

63 136.7 73.8 137.2

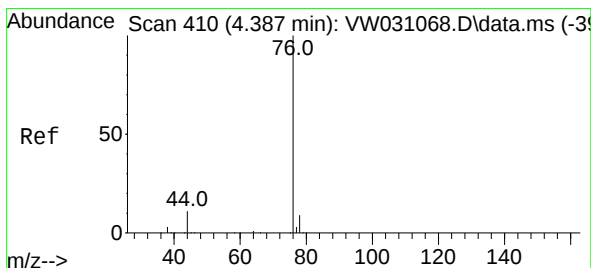
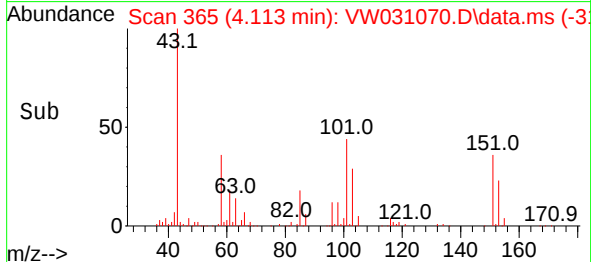
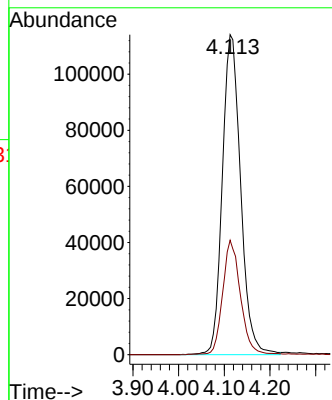
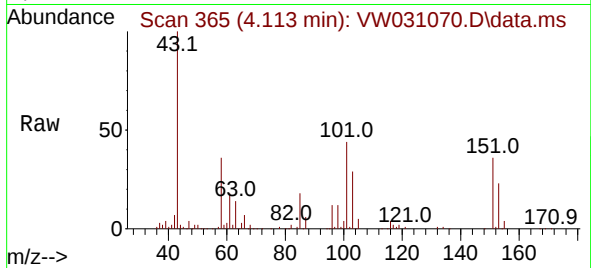




#13
Acetone
Concen: 201.258 ug/L
RT: 4.113 min Scan# 365
Delta R.T. -0.006 min
Lab File: VW031070.D
Acq: 20 Nov 2024 12:39

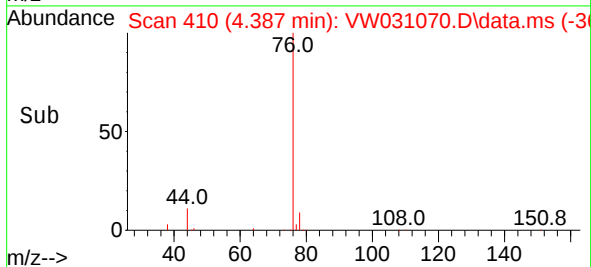
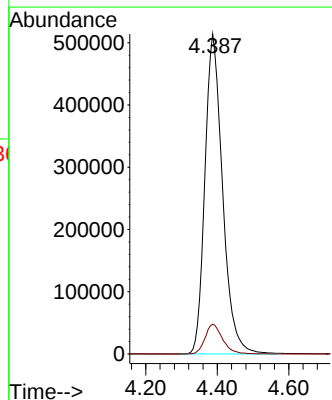
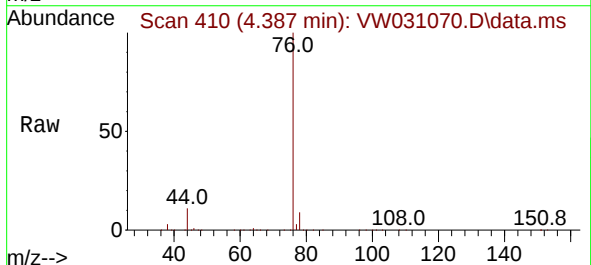
Instrument :
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ClientSampleId :

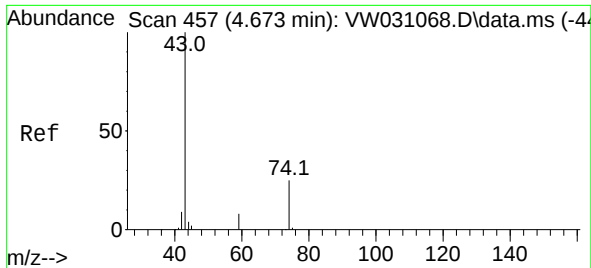
Tgt Ion: 43 Resp: 317988
Ion Ratio Lower Upper
43 100
58 34.5 0.0 67.2



#14
Carbon disulfide
Concen: 92.303 ug/L
RT: 4.387 min Scan# 410
Delta R.T. 0.000 min
Lab File: VW031070.D
Acq: 20 Nov 2024 12:39

Tgt Ion: 76 Resp: 1762801
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.2

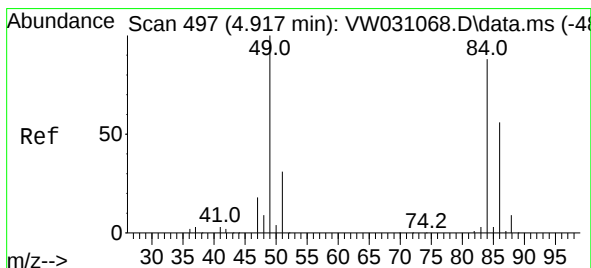
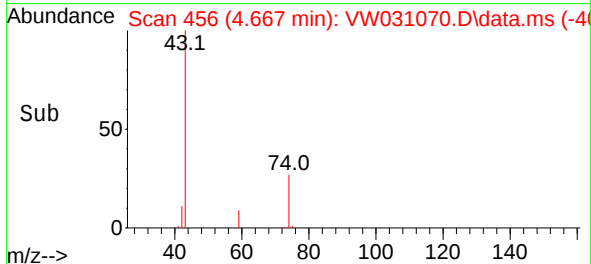
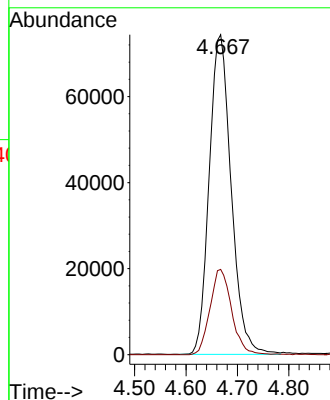
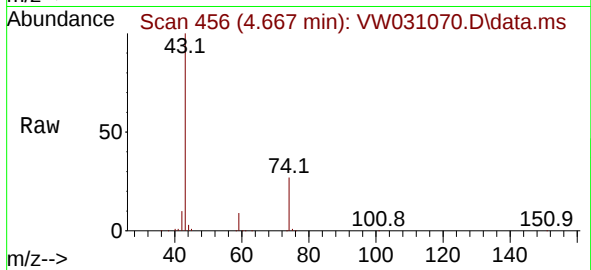




#15
Methyl Acetate
Concen: 105.019 ug/L
RT: 4.667 min Scan# 456
Delta R.T. -0.006 min
Lab File: VW031070.D
Acq: 20 Nov 2024 12:39

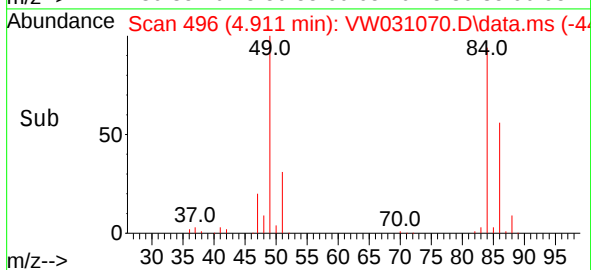
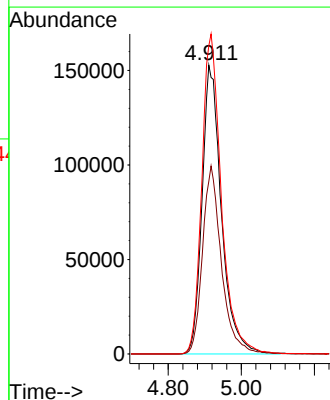
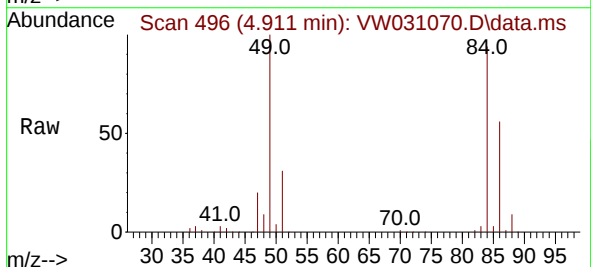
Instrument :
MSVOA_W
ClientSampleId :

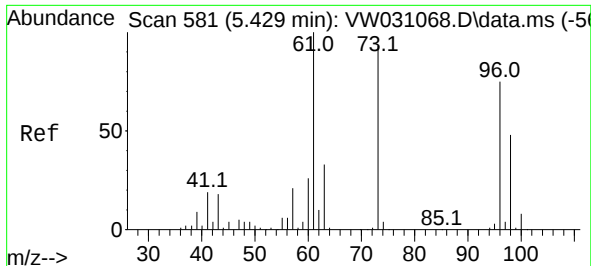
Tgt Ion: 43 Resp: 220402
Ion Ratio Lower Upper
43 100
74 26.2 20.8 31.2



#16
Methylene chloride
Concen: 91.422 ug/L
RT: 4.911 min Scan# 496
Delta R.T. -0.006 min
Lab File: VW031070.D
Acq: 20 Nov 2024 12:39

Tgt Ion: 84 Resp: 562742
Ion Ratio Lower Upper
84 100
86 59.8 44.9 83.5
49 106.8 79.9 148.5





#17

trans-1,2-Dichloroethene

Concen: 93.886 ug/L

RT: 5.423 min Scan# 580

Delta R.T. -0.006 min

Lab File: VW031070.D

Acq: 20 Nov 2024 12:39

Instrument :

MSVOA_W

ClientSampleId :

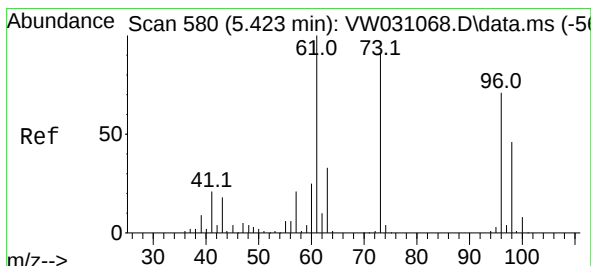
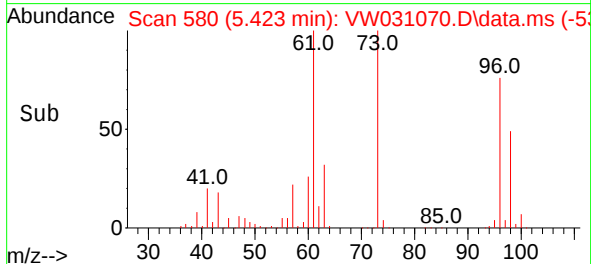
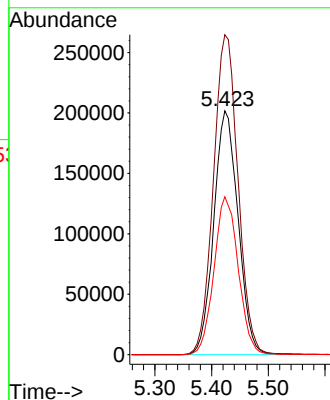
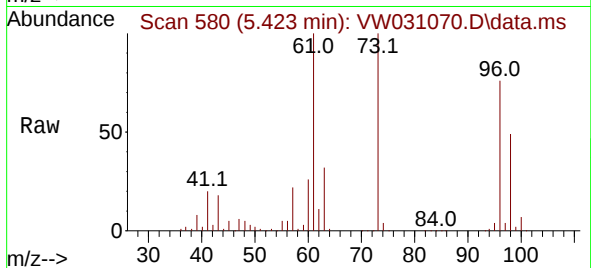
Tgt Ion: 96 Resp: 600068

Ion Ratio Lower Upper

96 100

61 131.3 92.7 172.3

98 64.7 44.4 82.4



#18

Methyl tert-butyl Ether

Concen: 101.199 ug/L

RT: 5.429 min Scan# 581

Delta R.T. 0.006 min

Lab File: VW031070.D

Acq: 20 Nov 2024 12:39

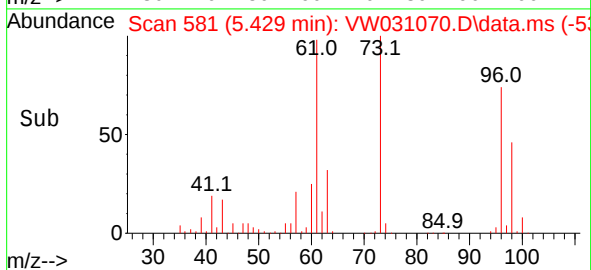
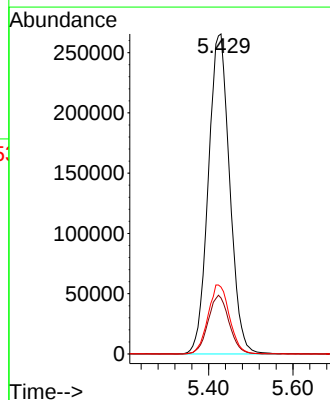
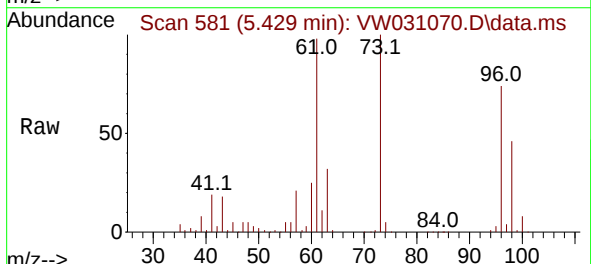
Tgt Ion: 73 Resp: 932051

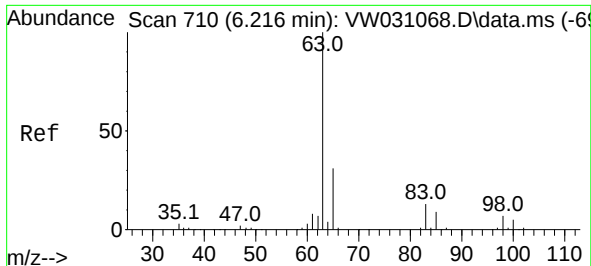
Ion Ratio Lower Upper

73 100

43 18.1 15.4 23.0

57 21.7 17.6 26.4





#19

1,1-Dichloroethane

Concen: 92.493 ug/L

RT: 6.216 min Scan# 710

Delta R.T. 0.000 min

Lab File: VW031070.D

Acq: 20 Nov 2024 12:39

Instrument :

MSVOA_W

ClientSampleId :

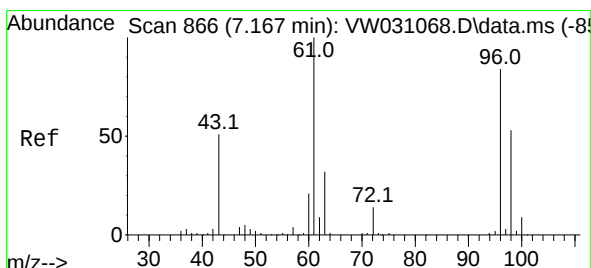
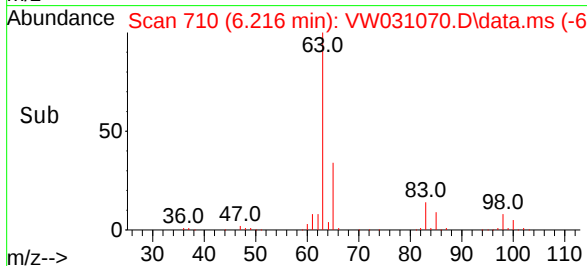
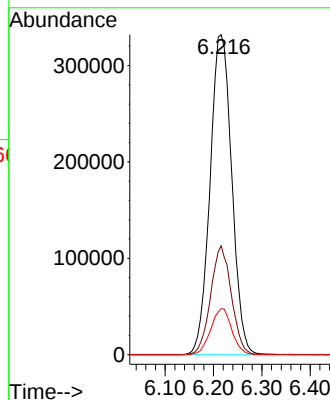
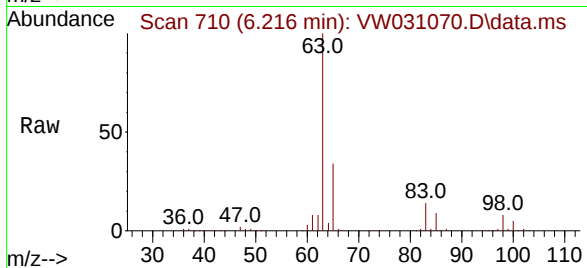
Tgt Ion: 63 Resp: 1035946

Ion Ratio Lower Upper

63 100

65 34.0 21.7 40.3

83 14.4 8.9 16.5



#20

cis-1,2-Dichloroethene

Concen: 99.400 ug/L

RT: 7.167 min Scan# 866

Delta R.T. 0.000 min

Lab File: VW031070.D

Acq: 20 Nov 2024 12:39

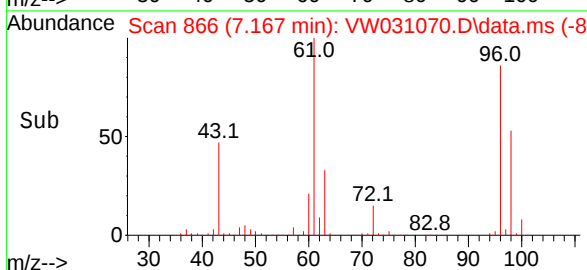
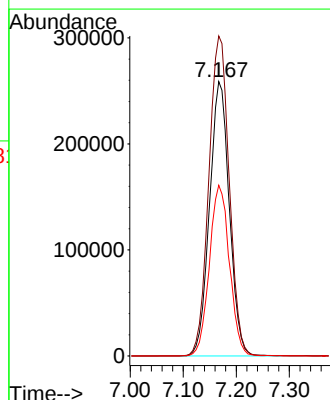
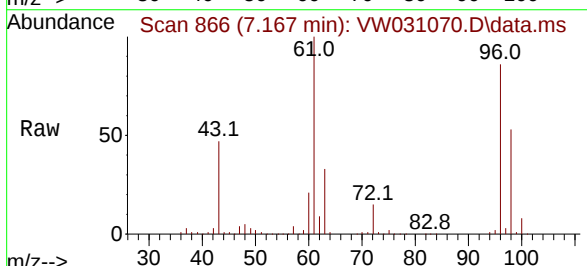
Tgt Ion: 96 Resp: 670306

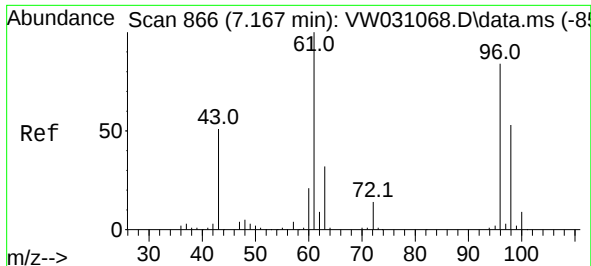
Ion Ratio Lower Upper

96 100

61 116.6 83.7 155.5

98 62.2 43.9 81.5





#22

2-Butanone

Concen: 196.203 ug/L

RT: 7.167 min Scan# 866

Delta R.T. 0.000 min

Lab File: VW031070.D

Acq: 20 Nov 2024 12:39

Instrument :

MSVOA_W

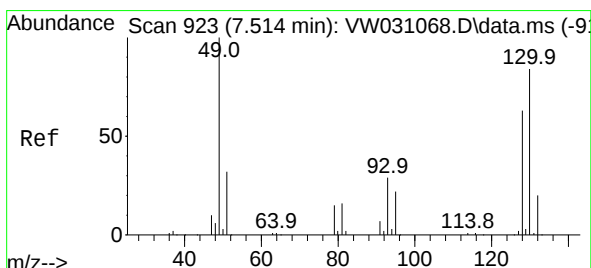
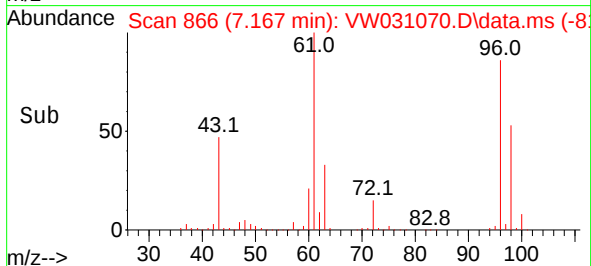
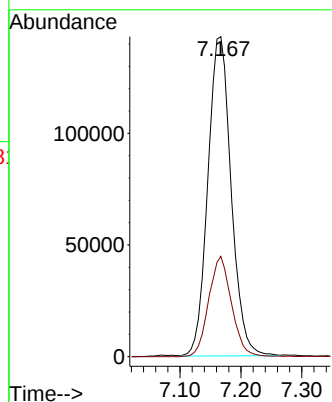
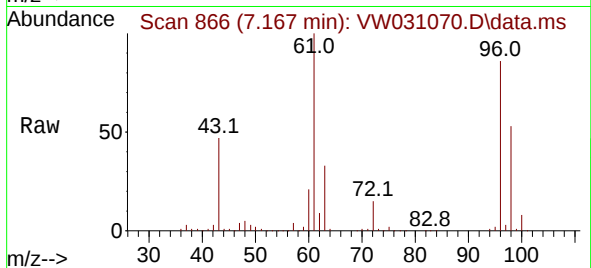
ClientSampleId :

Tgt Ion: 43 Resp: 380167

Ion Ratio Lower Upper

43 100

72 30.7 14.9 44.7



#23

Bromochloromethane

Concen: 95.695 ug/L

RT: 7.514 min Scan# 923

Delta R.T. 0.000 min

Lab File: VW031070.D

Acq: 20 Nov 2024 12:39

Tgt Ion: 128 Resp: 289139

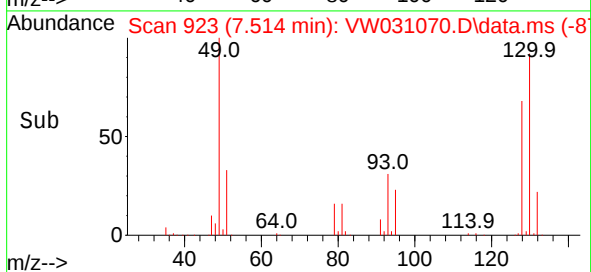
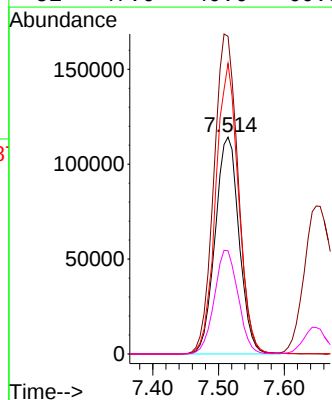
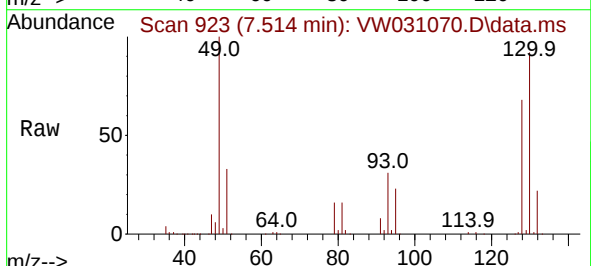
Ion Ratio Lower Upper

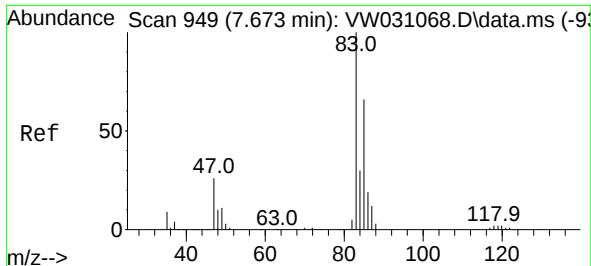
128 100

49 146.5 110.9 206.1

130 134.1 93.7 173.9

51 47.6 40.6 60.8





#25

Chloroform

Concen: 91.664 ug/L

RT: 7.679 min Scan# 949

Delta R.T. 0.006 min

Lab File: VW031070.D

Acq: 20 Nov 2024 12:39

Instrument :

MSVOA_W

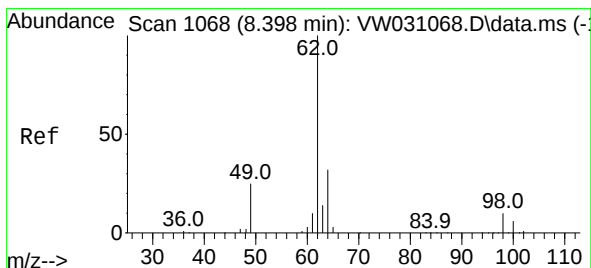
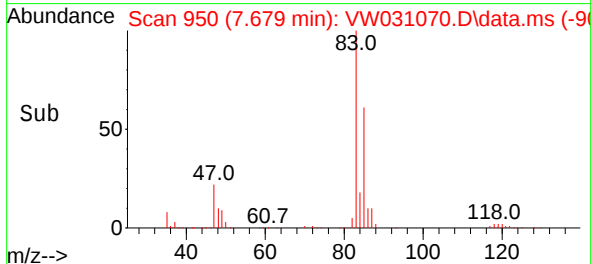
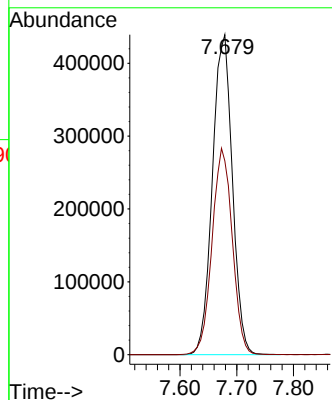
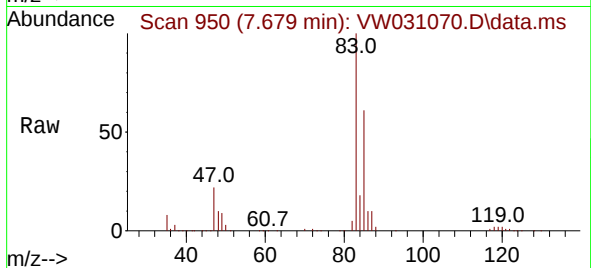
ClientSampleId :

Tgt Ion: 83 Resp: 1073141

Ion Ratio Lower Upper

83 100

85 60.5 46.5 86.3



#27

1,2-Dichloroethane

Concen: 92.497 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. 0.000 min

Lab File: VW031070.D

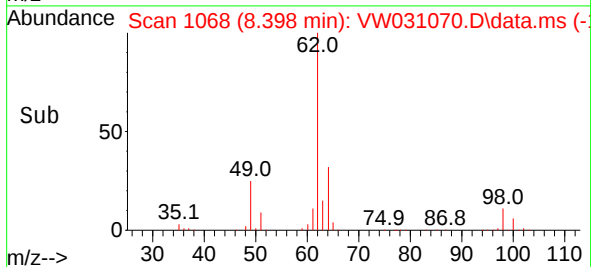
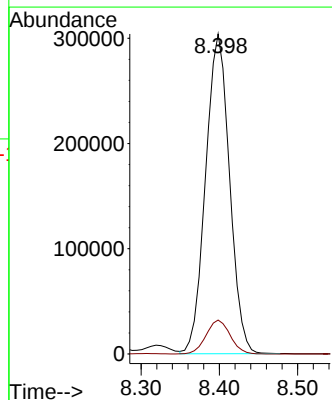
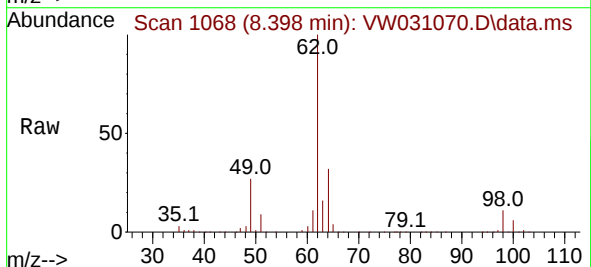
Acq: 20 Nov 2024 12:39

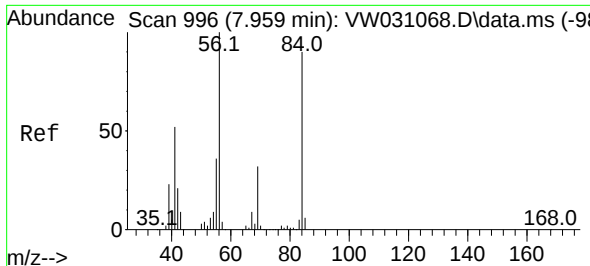
Tgt Ion: 62 Resp: 645360

Ion Ratio Lower Upper

62 100

98 10.6 7.7 11.5





#29

Cyclohexane

Concen: 99.253 ug/L

RT: 7.953 min Scan# 996

Delta R.T. -0.006 min

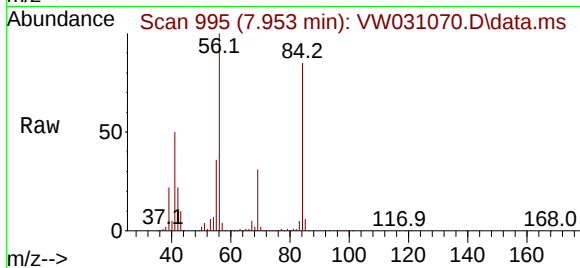
Lab File: VW031070.D

Acq: 20 Nov 2024 12:39

Instrument :

MSVOA_W

ClientSampleId :



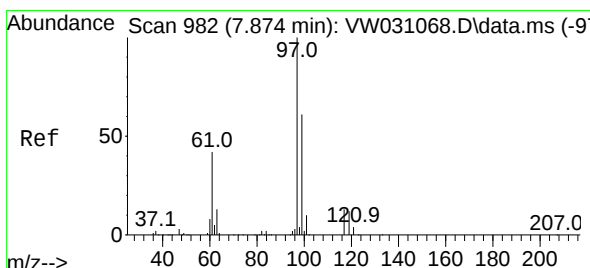
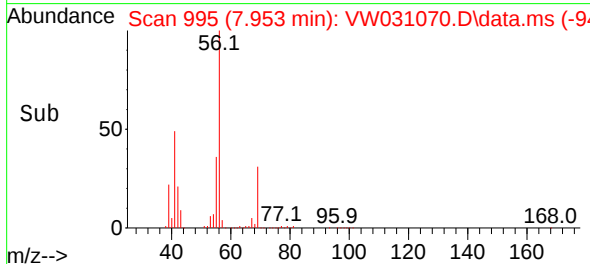
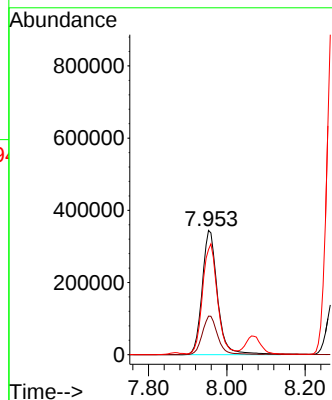
Tgt Ion: 56 Resp: 935998

Ion Ratio Lower Upper

56 100

69 31.3 25.4 38.2

84 86.4 71.1 106.7



#30

1,1,1-Trichloroethane

Concen: 91.281 ug/L

RT: 7.874 min Scan# 982

Delta R.T. 0.000 min

Lab File: VW031070.D

Acq: 20 Nov 2024 12:39

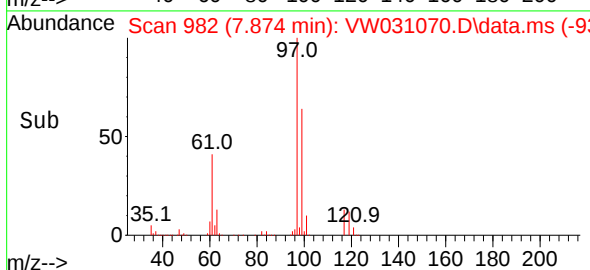
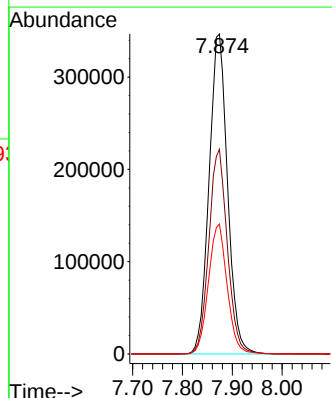
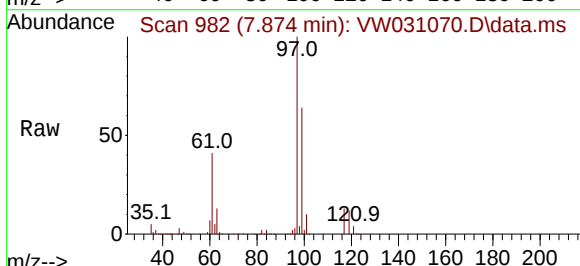
Tgt Ion: 97 Resp: 892703

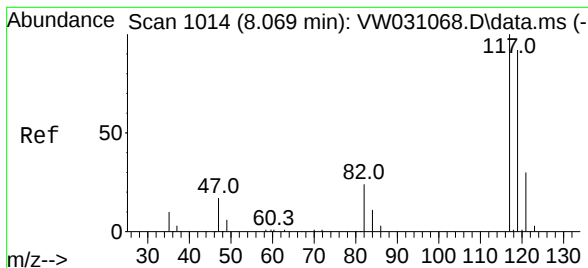
Ion Ratio Lower Upper

97 100

99 64.0 51.6 77.4

61 41.1 33.8 50.6





#31

Carbon tetrachloride

Concen: 91.790 ug/L

RT: 8.069 min Scan# 1014

Delta R.T. 0.000 min

Lab File: VW031070.D

Acq: 20 Nov 2024 12:39

Instrument :

MSVOA_W

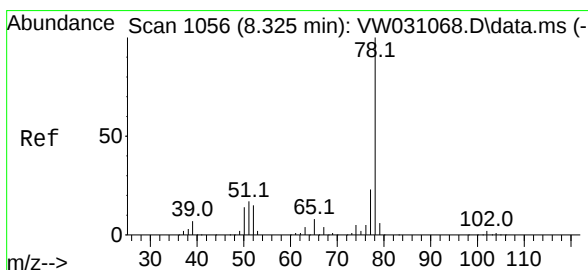
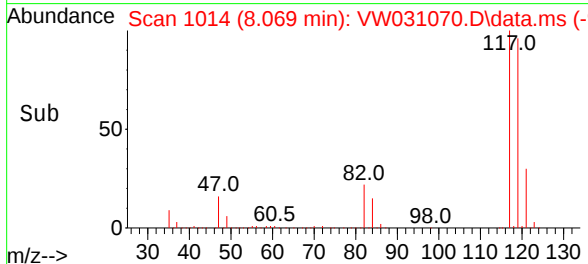
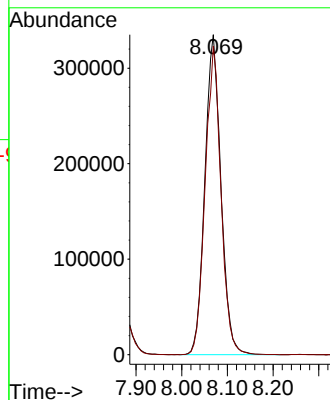
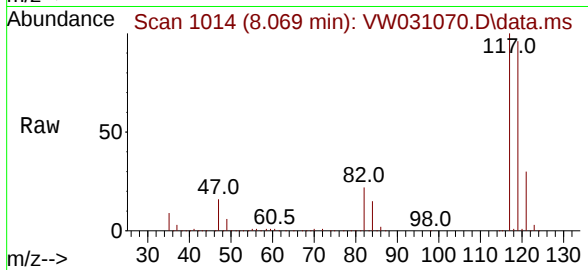
ClientSampleId :

Tgt Ion:117 Resp: 816274

Ion Ratio Lower Upper

117 100

119 95.0 75.8 113.8



#33

Benzene

Concen: 92.399 ug/L

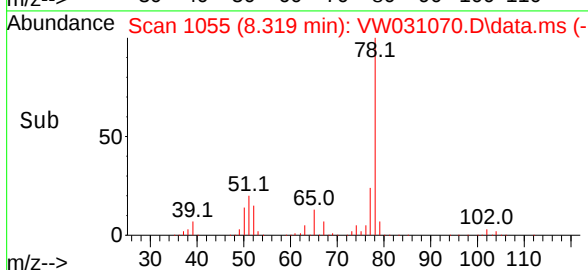
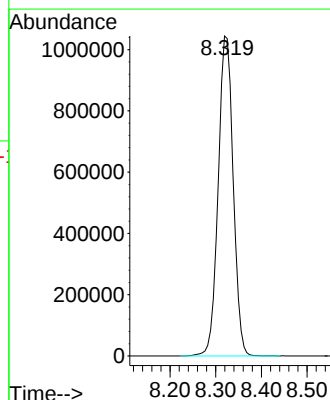
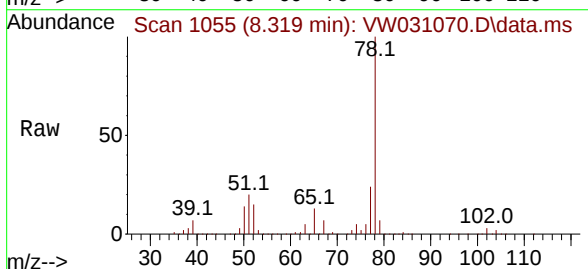
RT: 8.319 min Scan# 1055

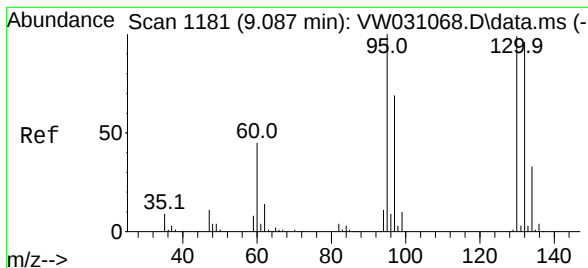
Delta R.T. -0.006 min

Lab File: VW031070.D

Acq: 20 Nov 2024 12:39

Tgt Ion: 78 Resp: 2384545





#34

Trichloroethene

Concen: 93.891 ug/L

RT: 9.087 min Scan# 1181

Delta R.T. 0.000 min

Lab File: VW031070.D

Acq: 20 Nov 2024 12:39

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 656400

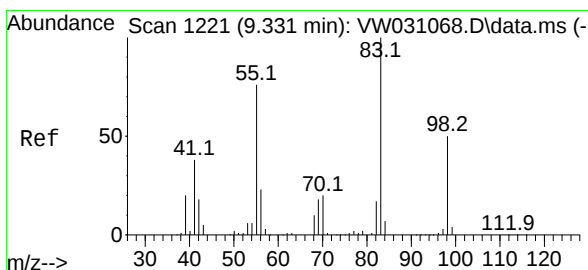
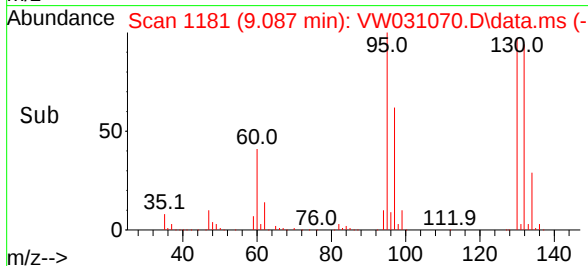
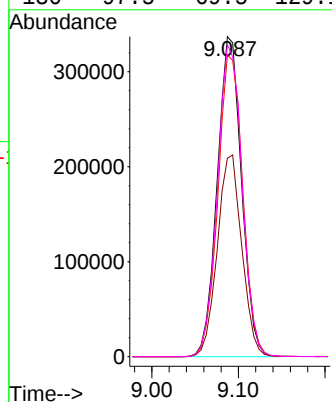
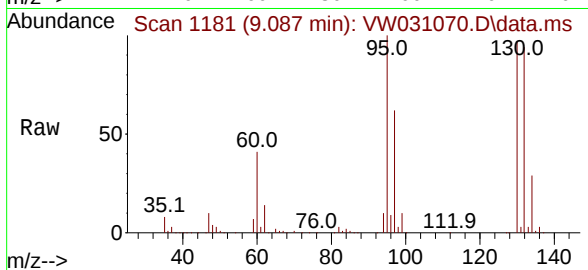
Ion Ratio Lower Upper

95 100

97 62.0 48.0 89.2

132 94.3 67.4 125.2

130 97.5 69.5 129.1



#35

Methylcyclohexane

Concen: 95.787 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. 0.000 min

Lab File: VW031070.D

Acq: 20 Nov 2024 12:39

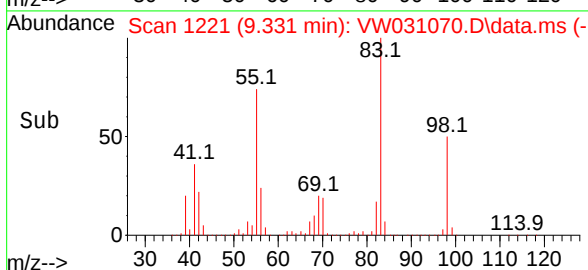
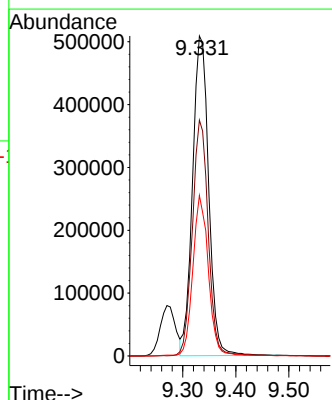
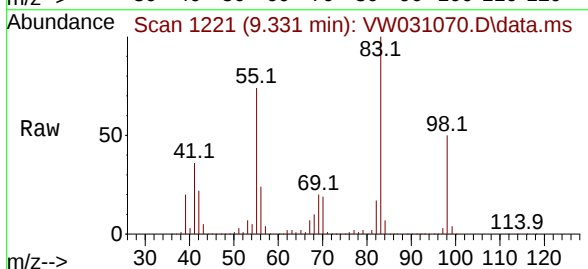
Tgt Ion: 83 Resp: 1076095

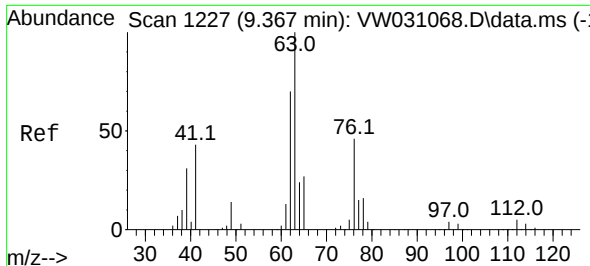
Ion Ratio Lower Upper

83 100

55 72.5 59.5 89.3

98 47.6 38.7 58.1





#37

1,2-Dichloropropane

Concen: 91.094 ug/L

RT: 9.368 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VW031070.D

Acq: 20 Nov 2024 12:39

Instrument :

MSVOA_W

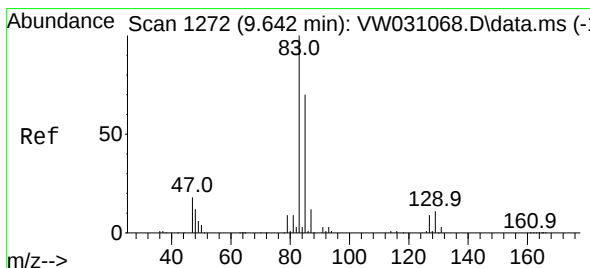
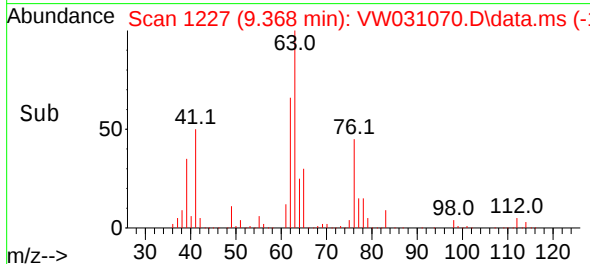
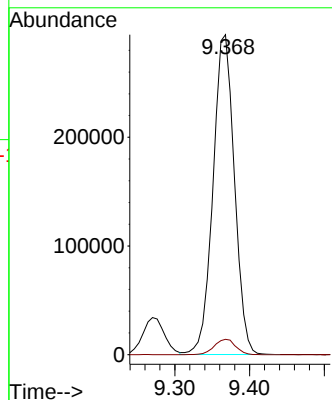
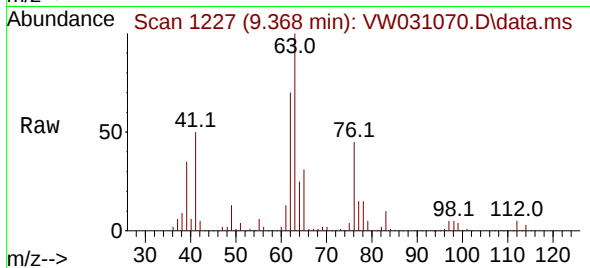
ClientSampleId :

Tgt Ion: 63 Resp: 586141

Ion Ratio Lower Upper

63 100

112 4.8 3.9 5.9



#38

Bromodichloromethane

Concen: 95.527 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW031070.D

Acq: 20 Nov 2024 12:39

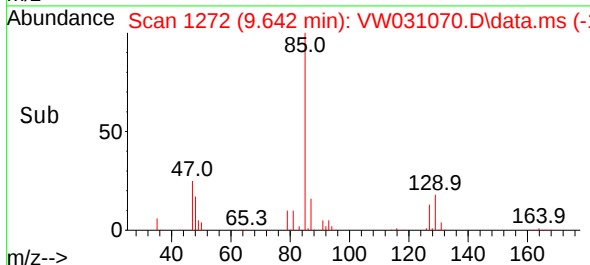
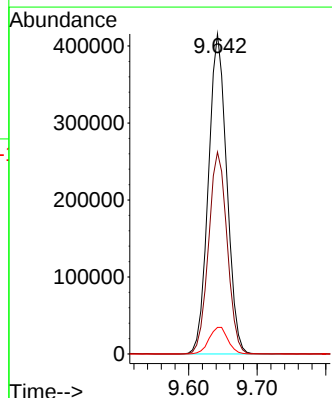
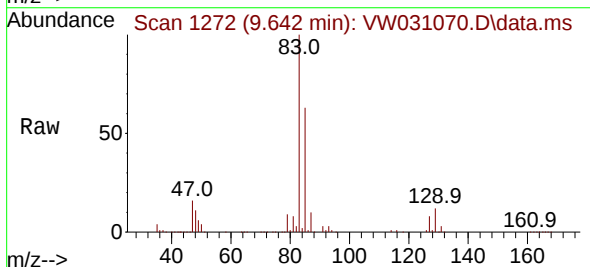
Tgt Ion: 83 Resp: 773606

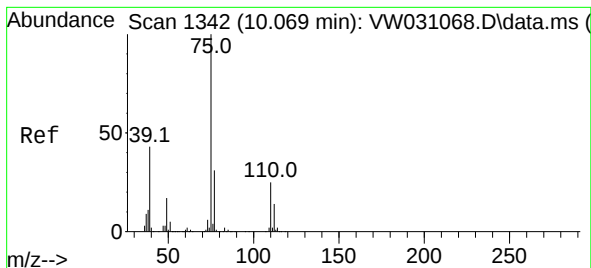
Ion Ratio Lower Upper

83 100

85 63.1 48.7 90.5

127 8.3 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 101.536 ug/L

RT: 10.069 min Scan# 1342

Delta R.T. 0.000 min

Lab File: VW031070.D

Acq: 20 Nov 2024 12:39

Instrument :

MSVOA_W

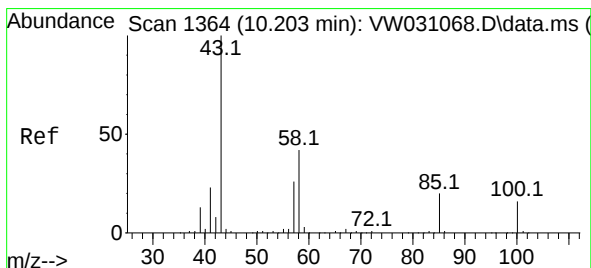
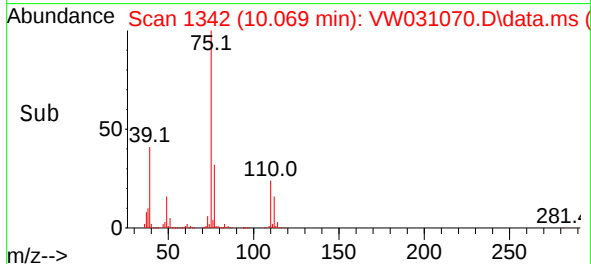
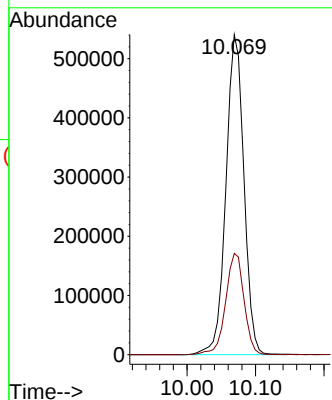
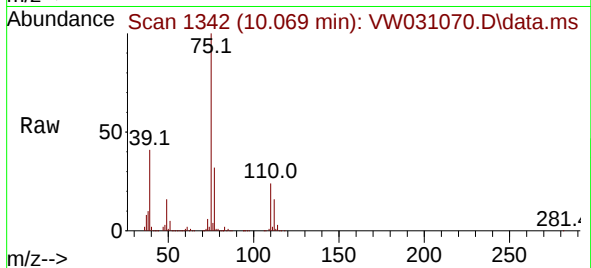
ClientSampleId :

Tgt Ion: 75 Resp: 984664

Ion Ratio Lower Upper

75 100

77 31.7 21.6 40.2



#40

4-Methyl-2-pentanone

Concen: 208.578 ug/L

RT: 10.203 min Scan# 1364

Delta R.T. 0.000 min

Lab File: VW031070.D

Acq: 20 Nov 2024 12:39

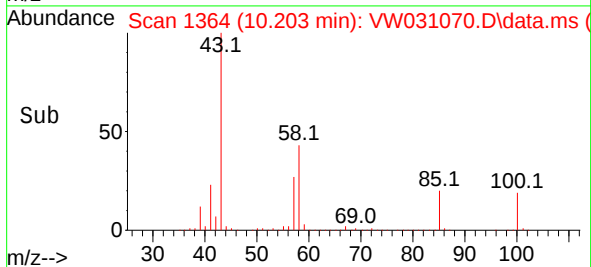
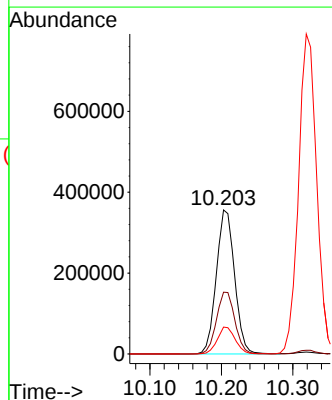
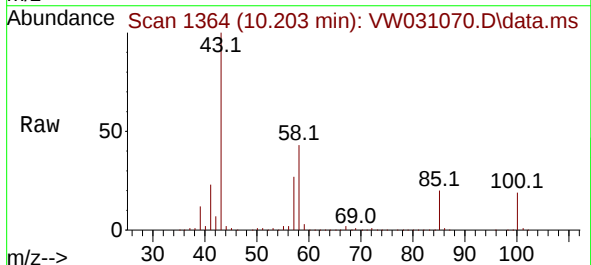
Tgt Ion: 43 Resp: 631483

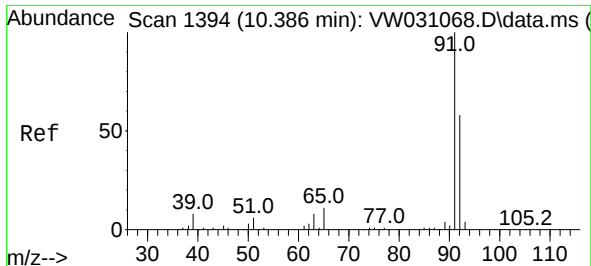
Ion Ratio Lower Upper

43 100

58 43.3 33.7 50.5

100 18.3 14.2 21.2

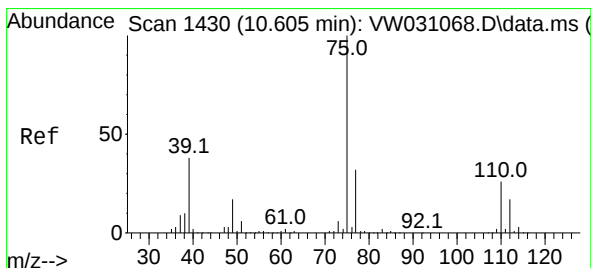
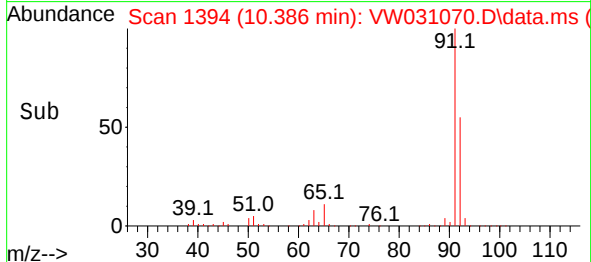
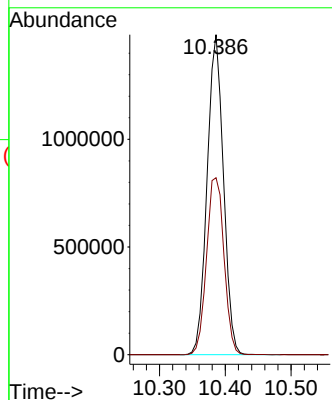
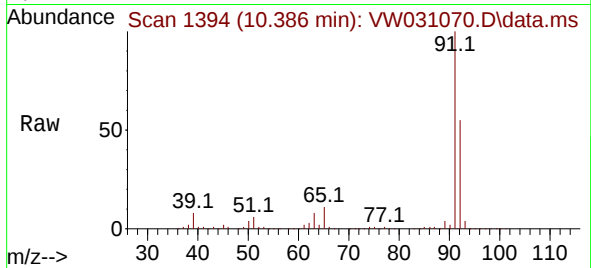




#42
Toluene
Concen: 94.105 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VW031070.D
Acq: 20 Nov 2024 12:39

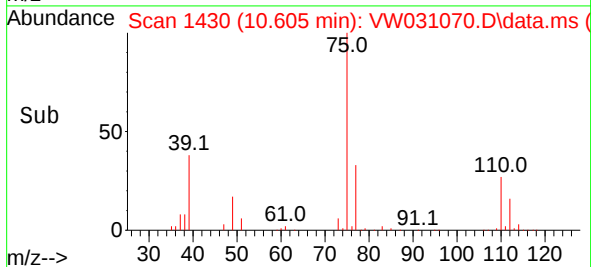
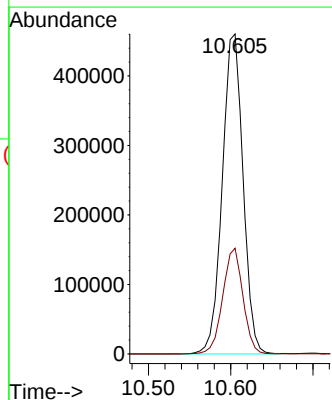
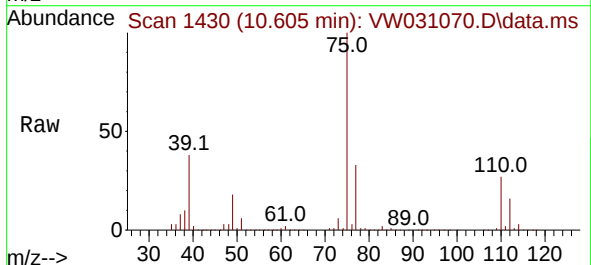
Instrument :
MSVOA_W
ClientSampleId :

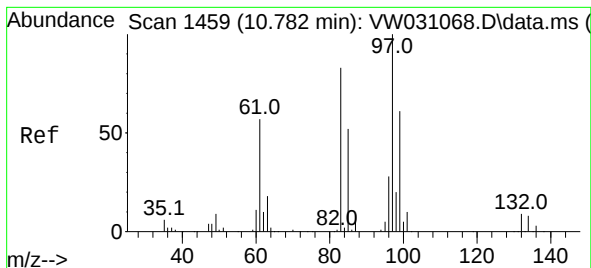
Tgt Ion: 91 Resp: 2564785
Ion Ratio Lower Upper
91 100
92 55.3 40.8 75.8



#44
trans-1,3-Dichloropropene
Concen: 103.446 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW031070.D
Acq: 20 Nov 2024 12:39

Tgt Ion: 75 Resp: 810083
Ion Ratio Lower Upper
75 100
77 33.0 22.1 41.1





#45

1,1,2-Trichloroethane

Concen: 93.592 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. 0.000 min

Lab File: VW031070.D

Acq: 20 Nov 2024 12:39

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 438033

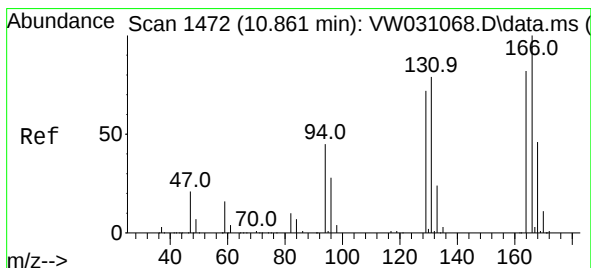
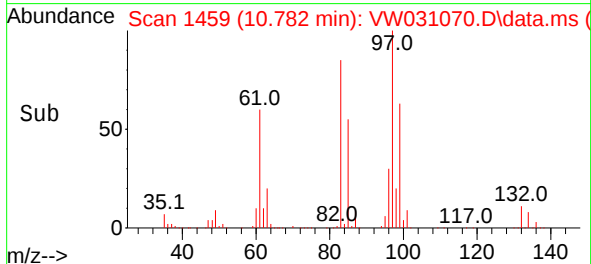
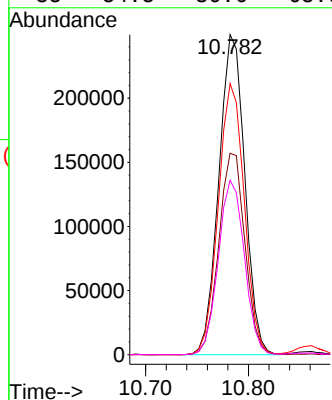
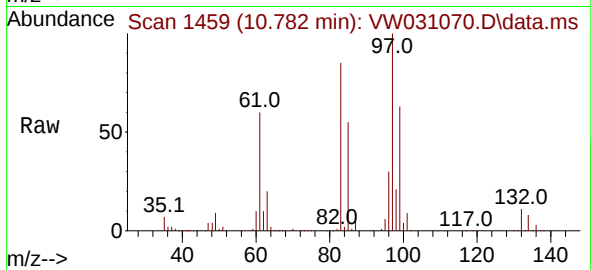
Ion Ratio Lower Upper

97 100

99 63.0 42.4 78.8

83 84.7 57.8 107.4

85 54.5 36.6 68.0



#46

Tetrachloroethene

Concen: 88.681 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VW031070.D

Acq: 20 Nov 2024 12:39

Tgt Ion:164 Resp: 495771

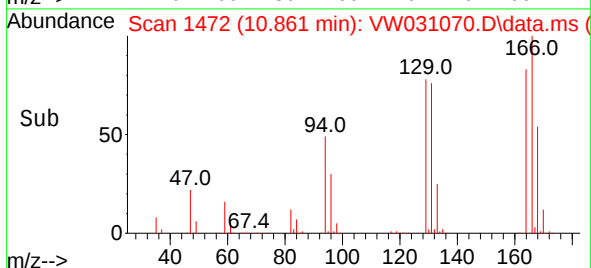
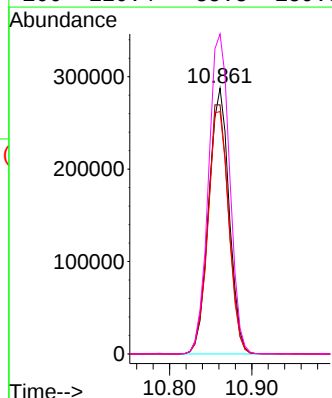
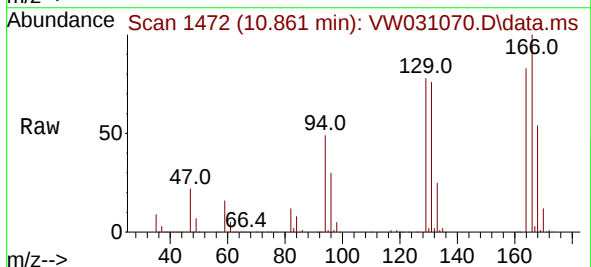
Ion Ratio Lower Upper

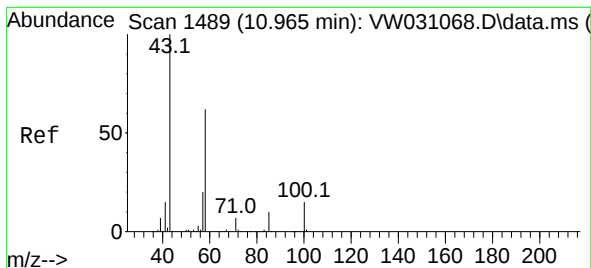
164 100

129 93.7 61.9 114.9

131 91.2 67.9 126.1

166 120.4 85.8 159.3





#48

2-Hexanone

Concen: 217.544 ug/L

RT: 10.965 min Scan# 1489

Delta R.T. 0.000 min

Lab File: VW031070.D

Acq: 20 Nov 2024 12:39

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 43 Resp: 520741

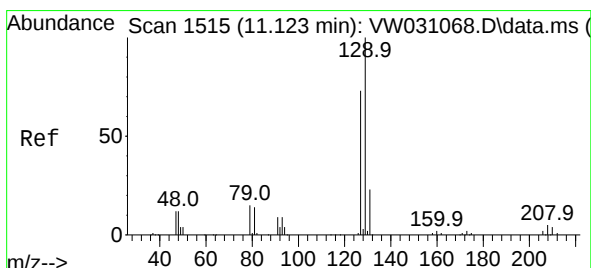
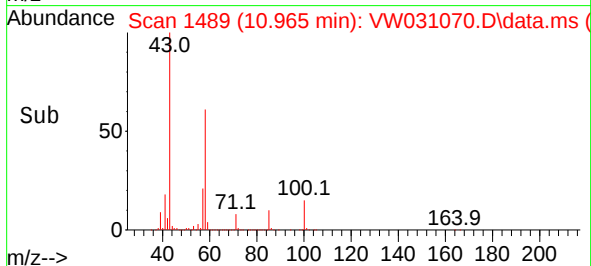
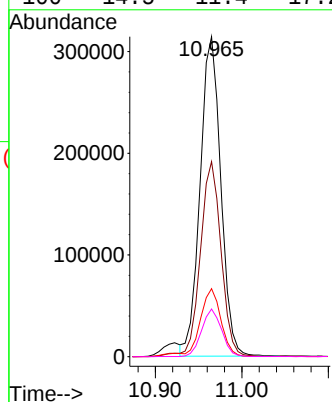
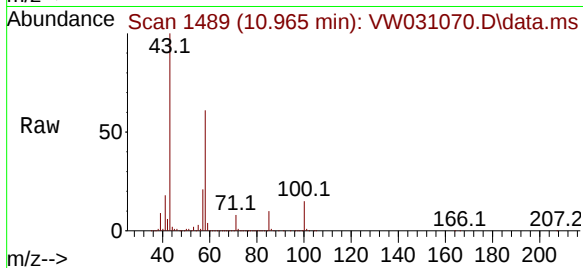
Ion Ratio Lower Upper

43 100

58 60.0 49.8 74.6

57 20.9 16.6 24.8

100 14.5 11.4 17.2



#49

Dibromochloromethane

Concen: 98.162 ug/L

RT: 11.123 min Scan# 1515

Delta R.T. 0.000 min

Lab File: VW031070.D

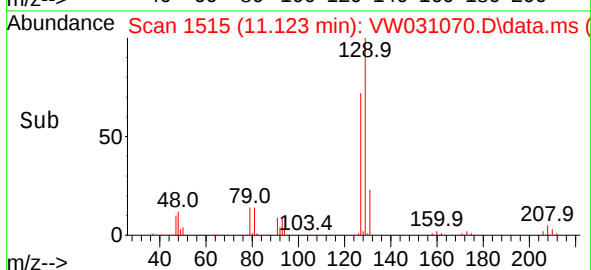
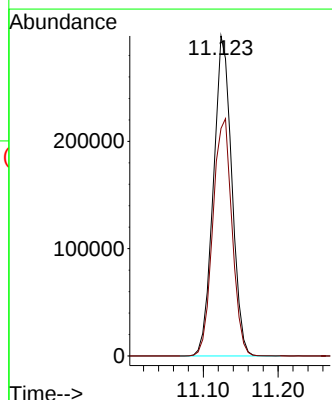
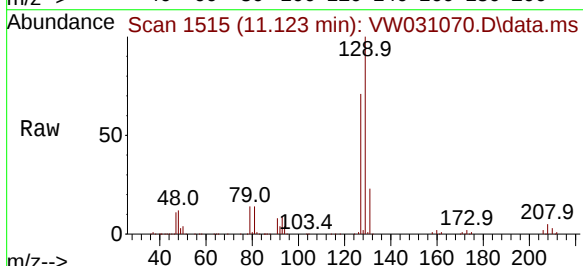
Acq: 20 Nov 2024 12:39

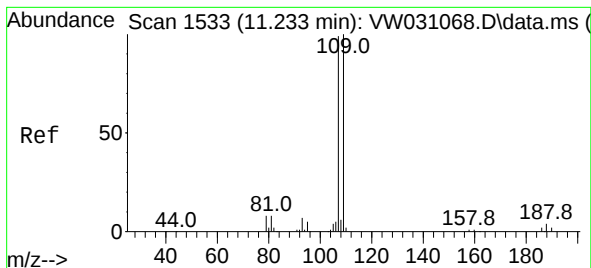
Tgt Ion:129 Resp: 510926

Ion Ratio Lower Upper

129 100

127 71.1 51.4 95.4

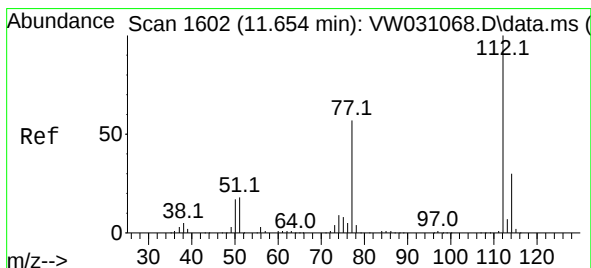
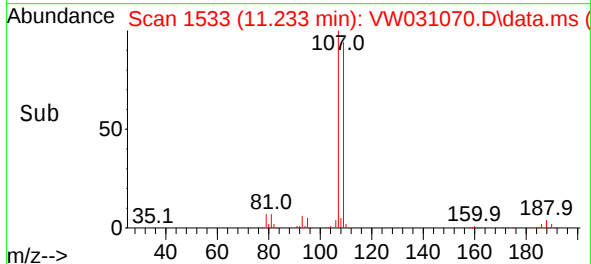
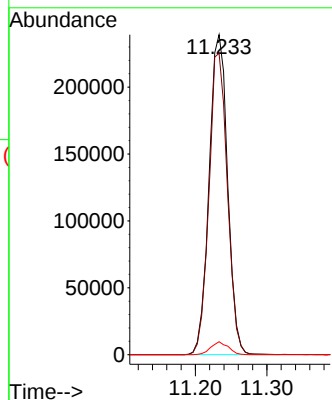
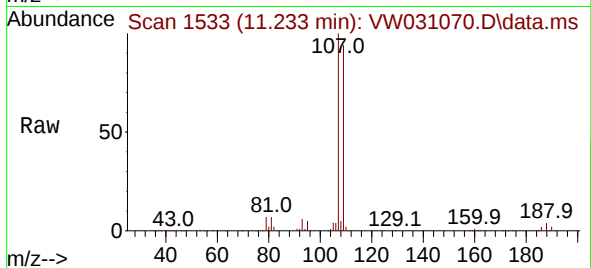




#50
1,2-Dibromoethane
Concen: 96.340 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. 0.000 min
Lab File: VW031070.D
Acq: 20 Nov 2024 12:39

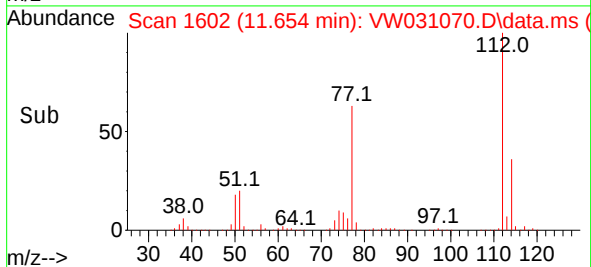
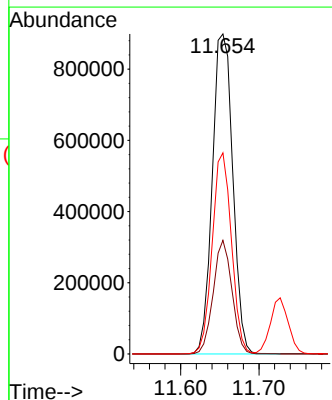
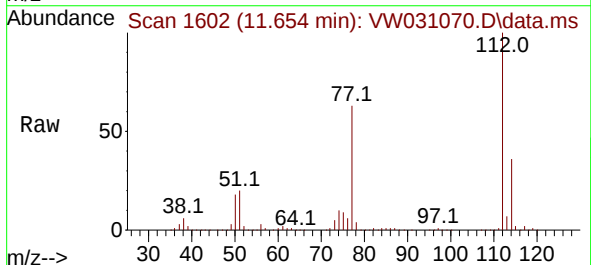
Instrument :
MSVOA_W
ClientSampleId :

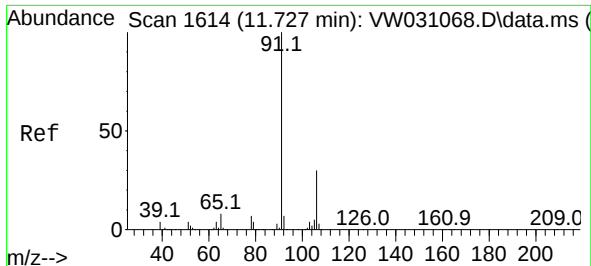
Tgt Ion:107 Resp: 429080
Ion Ratio Lower Upper
107 100
109 94.2 71.0 131.9
188 4.1 3.0 4.4



#51
Chlorobenzene
Concen: 91.565 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VW031070.D
Acq: 20 Nov 2024 12:39

Tgt Ion:112 Resp: 1632067
Ion Ratio Lower Upper
112 100
114 35.5 21.2 39.4
77 62.9 45.4 68.0





#52

Ethylbenzene

Concen: 96.334 ug/L

RT: 11.727 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW031070.D

Acq: 20 Nov 2024 12:39

Instrument :

MSVOA_W

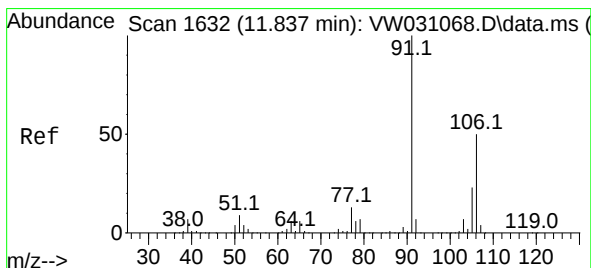
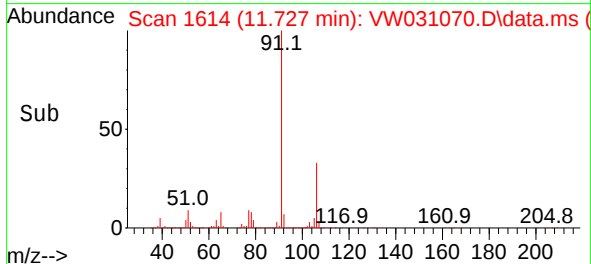
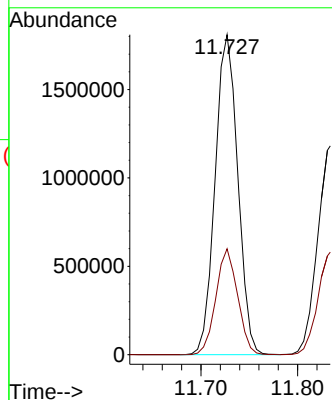
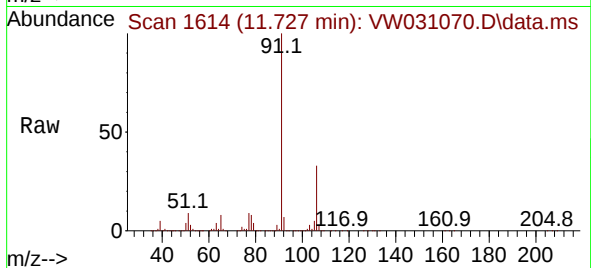
ClientSampleId :

Tgt Ion: 91 Resp: 2943734

Ion Ratio Lower Upper

91 100

106 33.1 21.3 39.5



#53

m,p-Xylene

Concen: 95.567 ug/L

RT: 11.837 min Scan# 1632

Delta R.T. 0.000 min

Lab File: VW031070.D

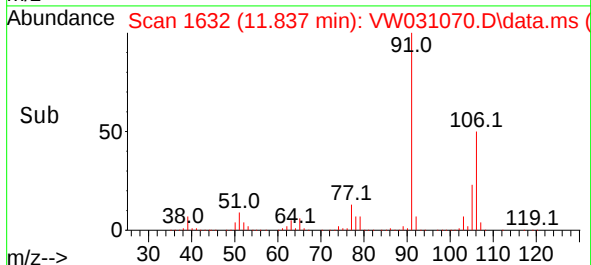
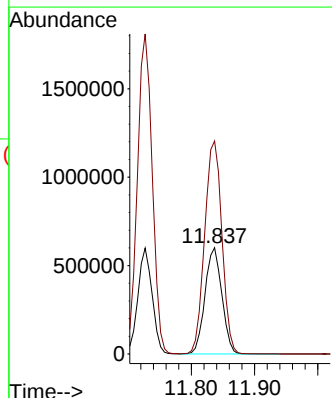
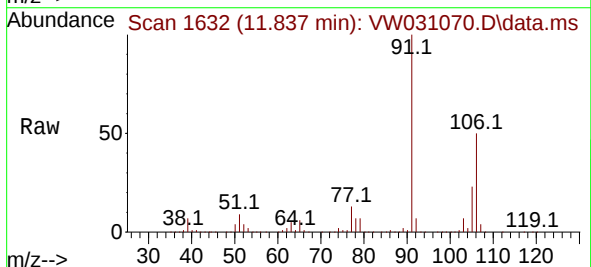
Acq: 20 Nov 2024 12:39

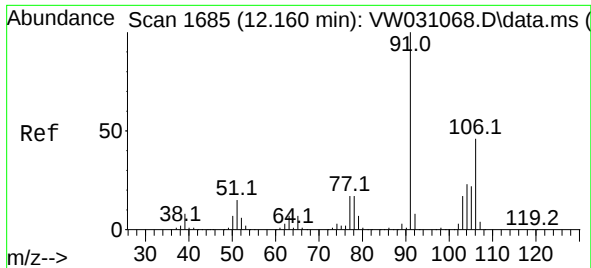
Tgt Ion:106 Resp: 1114587

Ion Ratio Lower Upper

106 100

91 200.4 140.9 261.7

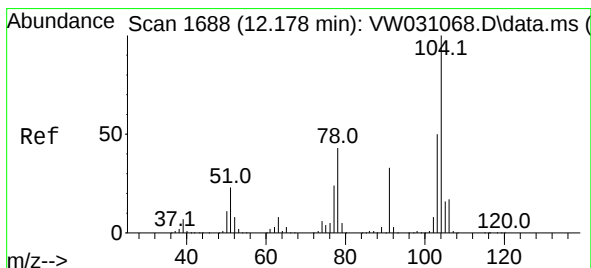
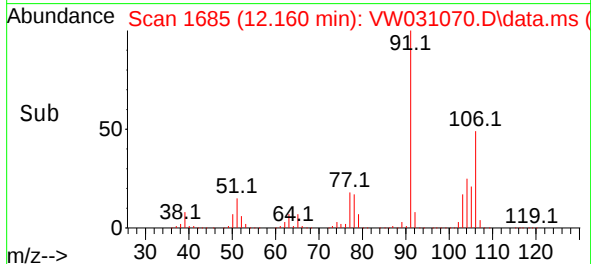
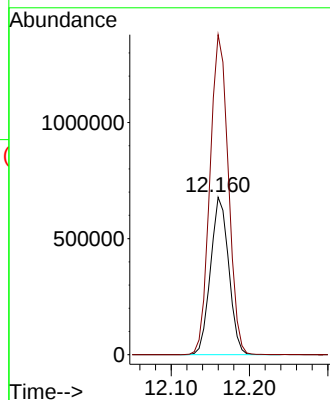
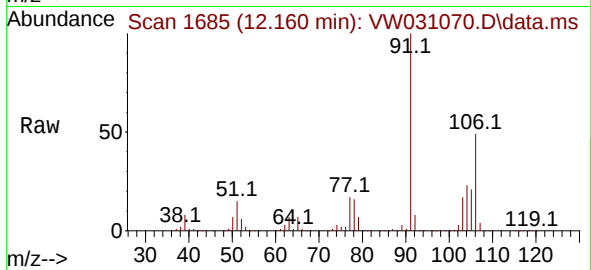




#54
o-Xylene
Concen: 99.765 ug/L
RT: 12.160 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VW031070.D
Acq: 20 Nov 2024 12:39

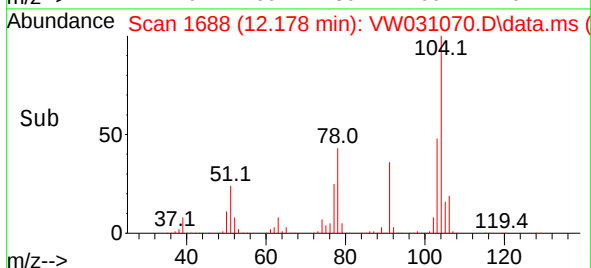
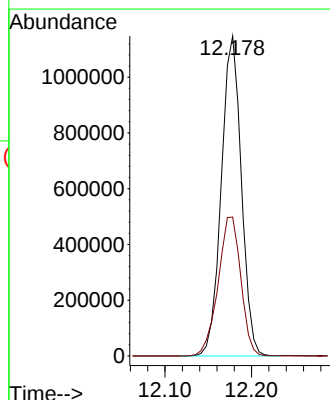
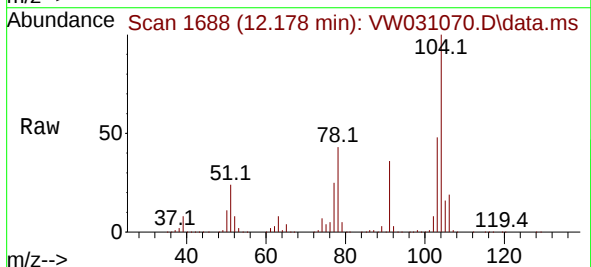
Instrument :
MSVOA_W
ClientSampleId :

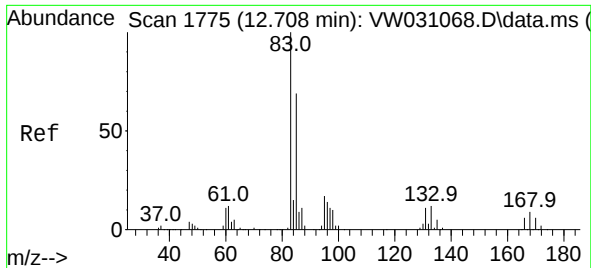
Tgt Ion:106 Resp: 1093516
Ion Ratio Lower Upper
106 100
91 203.2 152.7 283.5



#55
Styrene
Concen: 98.853 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW031070.D
Acq: 20 Nov 2024 12:39

Tgt Ion:104 Resp: 1843954
Ion Ratio Lower Upper
104 100
78 43.4 30.2 56.0

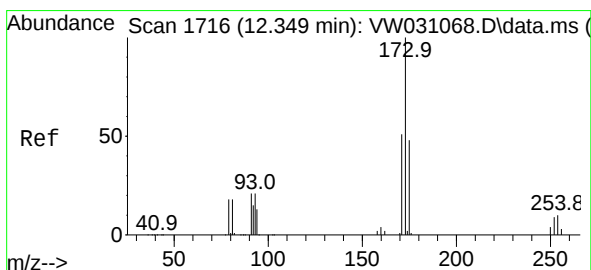
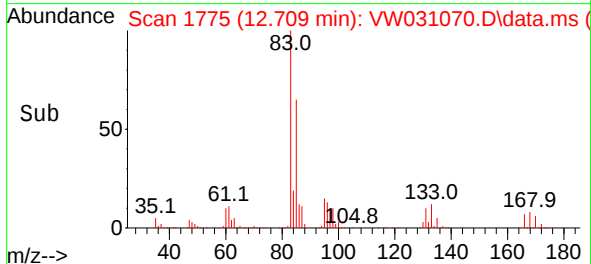
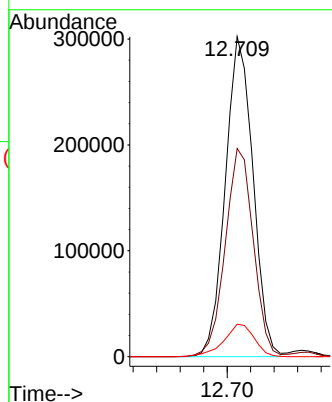
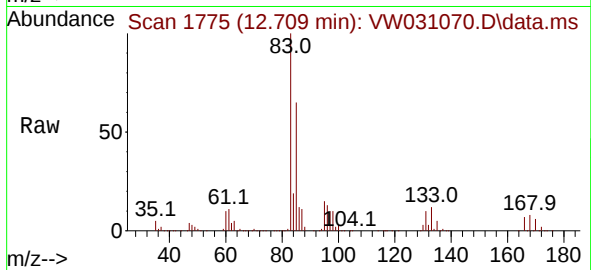




#57
1,1,2,2-Tetrachloroethane
Concen: 94.512 ug/L
RT: 12.709 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VW031070.D
Acq: 20 Nov 2024 12:39

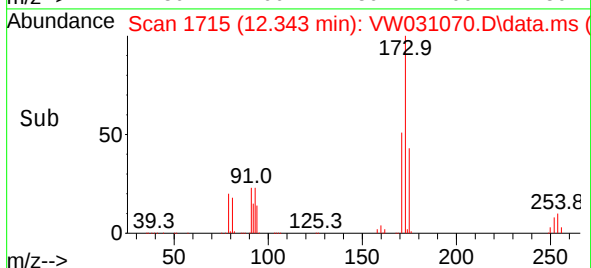
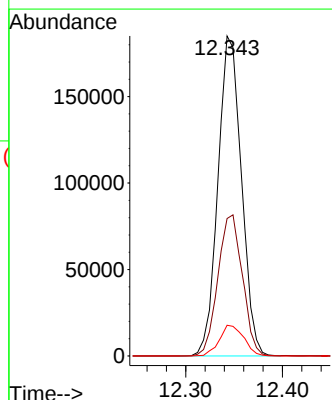
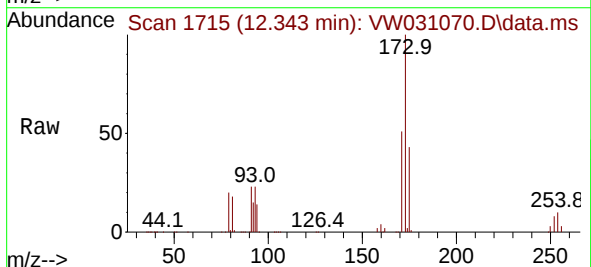
Instrument :
MSVOA_W
ClientSampleId :

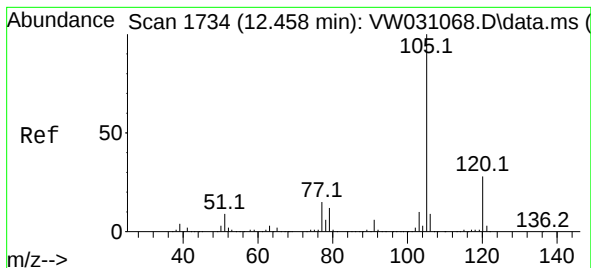
Tgt Ion: 83 Resp: 493387
Ion Ratio Lower Upper
83 100
85 65.0 48.3 89.7
131 10.2 8.9 13.3



#59
Bromoform
Concen: 103.202 ug/L
RT: 12.343 min Scan# 1715
Delta R.T. -0.006 min
Lab File: VW031070.D
Acq: 20 Nov 2024 12:39

Tgt Ion:173 Resp: 311807
Ion Ratio Lower Upper
173 100
175 46.1 36.6 54.8
254 10.0 7.7 11.5





#60

Isopropylbenzene

Concen: 97.727 ug/L

RT: 12.459 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW031070.D

Acq: 20 Nov 2024 12:39

Instrument :

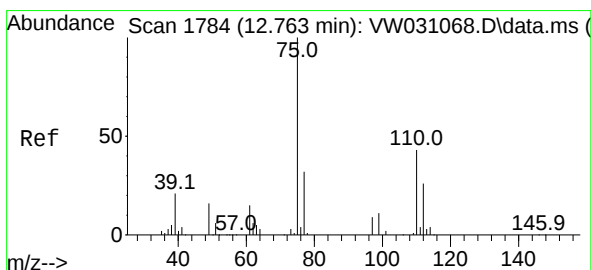
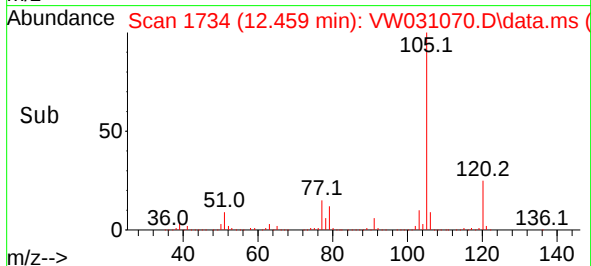
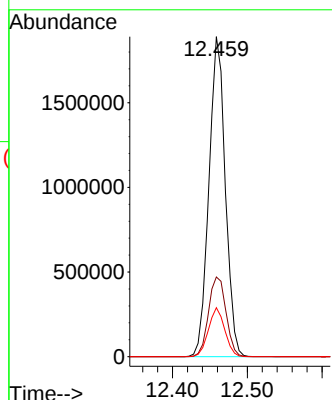
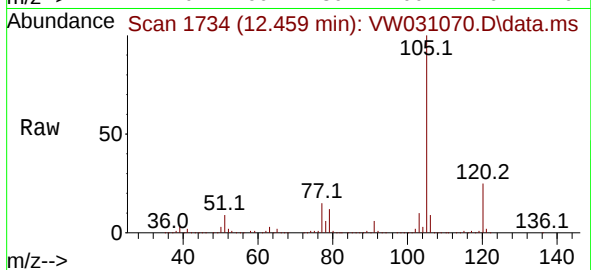
MSVOA_W

ClientSampleId :

Tgt Ion:105 Resp: 2874475

Ion Ratio Lower Upper

105	100		
120	26.6	21.5	32.3
77	15.2	12.3	18.5



#61

1,2,3-Trichloropropane

Concen: 94.935 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. 0.000 min

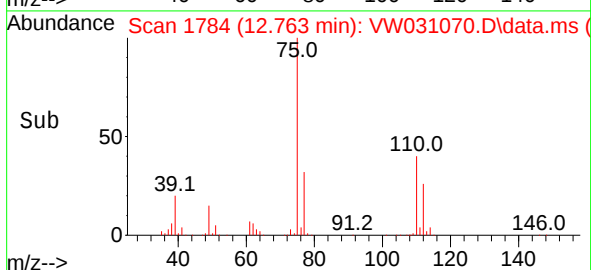
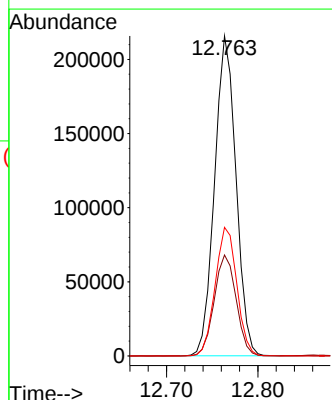
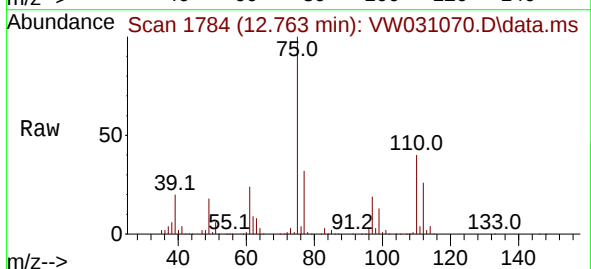
Lab File: VW031070.D

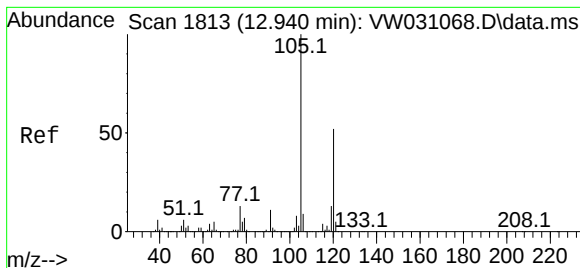
Acq: 20 Nov 2024 12:39

Tgt Ion: 75 Resp: 350851

Ion Ratio Lower Upper

75	100		
77	32.4	25.4	38.2
110	40.7	33.1	49.7





#62

1,3,5-Trimethylbenzene

Concen: 100.206 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. 0.000 min

Lab File: VW031070.D

Acq: 20 Nov 2024 12:39

Instrument :

MSVOA_W

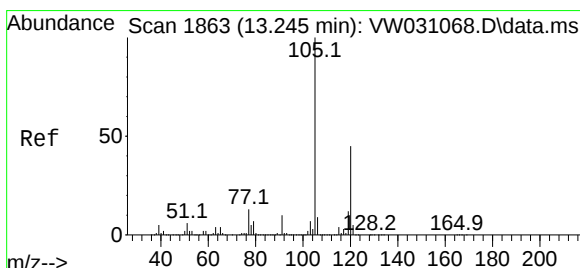
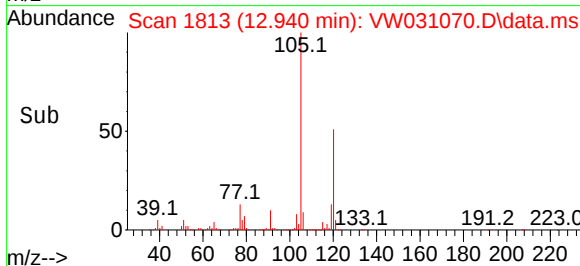
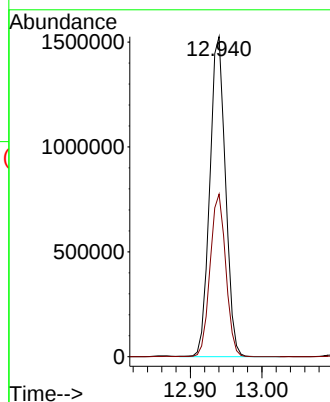
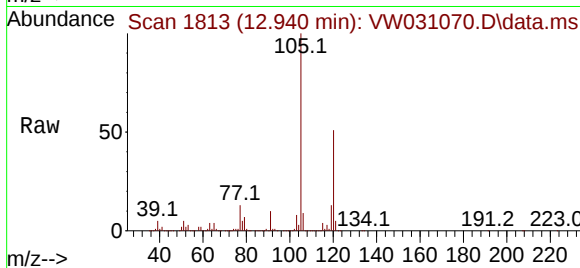
ClientSampleId :

Tgt Ion:105 Resp: 2324993

Ion Ratio Lower Upper

105 100

120 50.7 40.5 60.7



#63

1,2,4-Trimethylbenzene

Concen: 102.216 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. 0.000 min

Lab File: VW031070.D

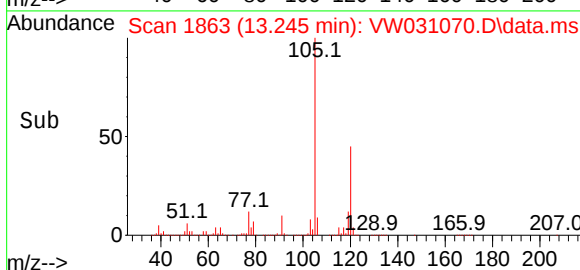
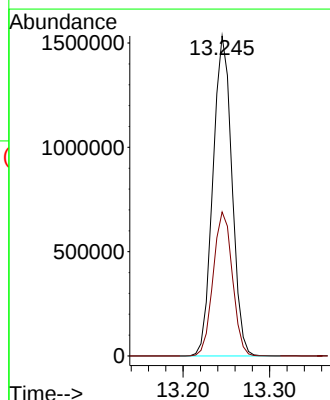
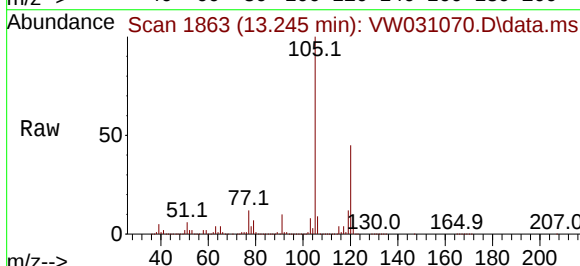
Acq: 20 Nov 2024 12:39

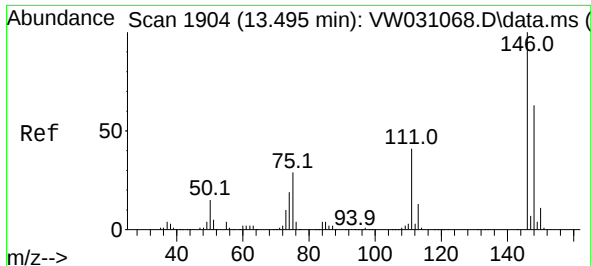
Tgt Ion:105 Resp: 2339347

Ion Ratio Lower Upper

105 100

120 45.5 35.4 53.0





#64

1,3-Dichlorobenzene

Concen: 92.744 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW031070.D

Acq: 20 Nov 2024 12:39

Instrument :

MSVOA_W

ClientSampleId :

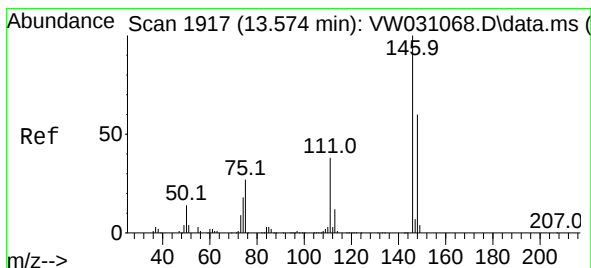
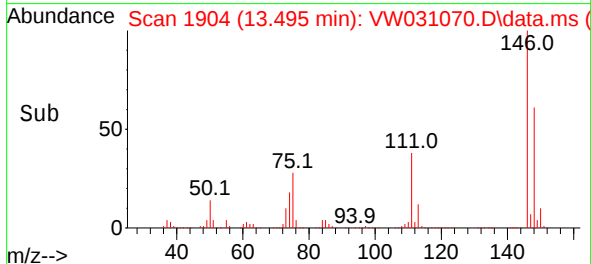
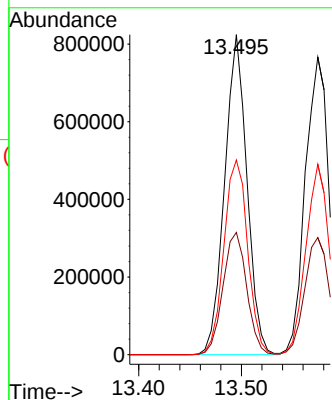
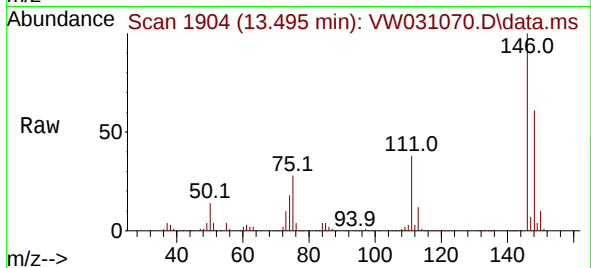
Tgt Ion:146 Resp: 1244127

Ion Ratio Lower Upper

146 100

111 38.2 28.5 52.9

148 60.9 44.1 81.9



#65

1,4-Dichlorobenzene

Concen: 88.682 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW031070.D

Acq: 20 Nov 2024 12:39

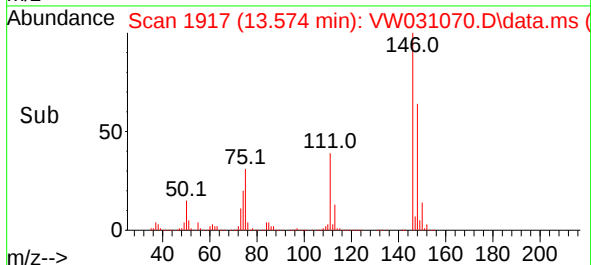
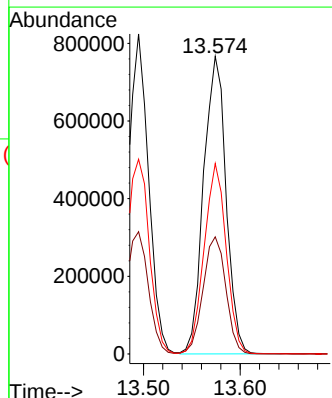
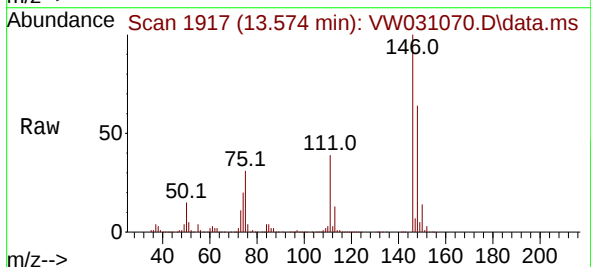
Tgt Ion:146 Resp: 1237830

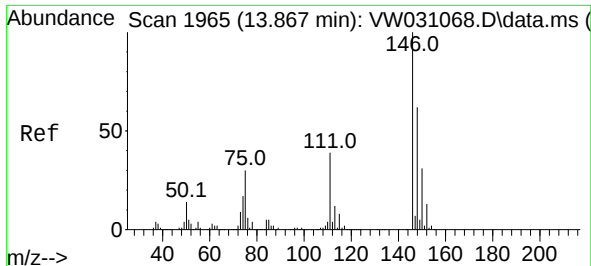
Ion Ratio Lower Upper

146 100

111 39.4 26.6 49.4

148 64.0 42.1 78.1

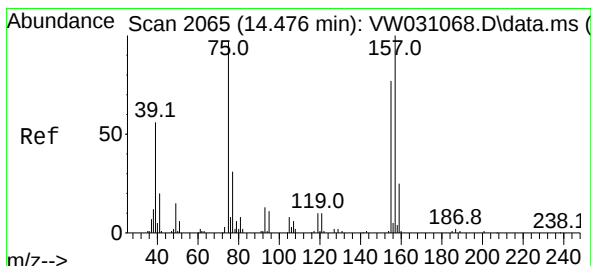
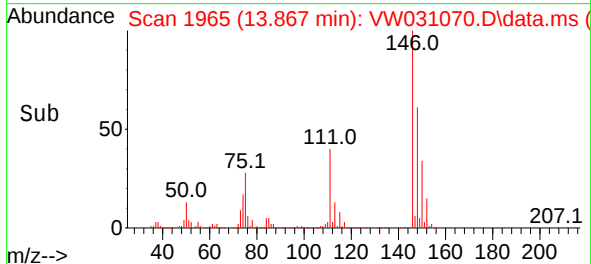
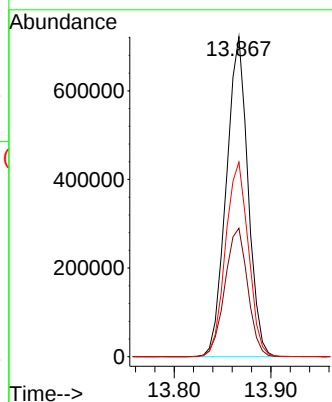
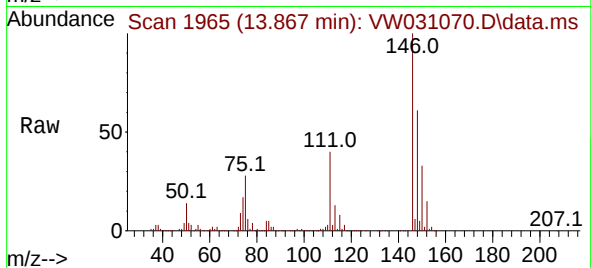




#67
1,2-Dichlorobenzene
Concen: 93.505 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. 0.000 min
Lab File: VW031070.D
Acq: 20 Nov 2024 12:39

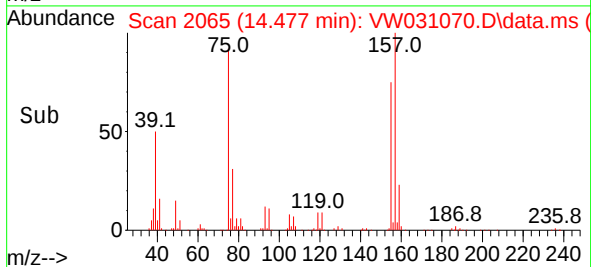
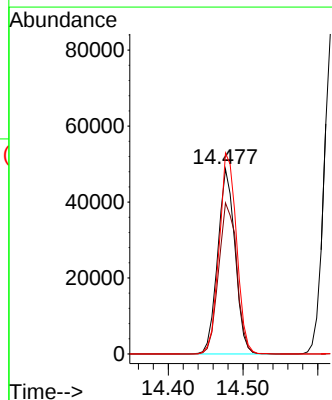
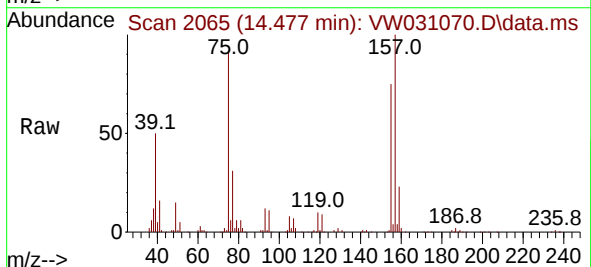
Instrument :
MSVOA_W
ClientSampleId :

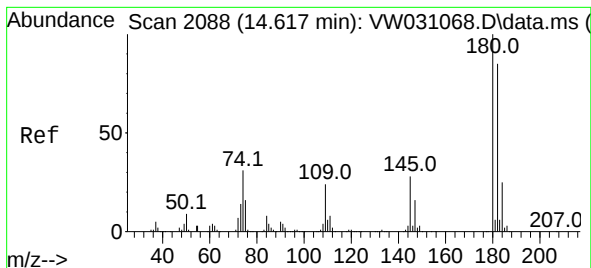
Tgt Ion:146 Resp: 1124409
Ion Ratio Lower Upper
146 100
111 40.2 30.9 46.3
148 60.8 50.0 75.0



#68
1,2-Dibromo-3-chloropropane
Concen: 97.020 ug/L
RT: 14.477 min Scan# 2065
Delta R.T. 0.000 min
Lab File: VW031070.D
Acq: 20 Nov 2024 12:39

Tgt Ion: 75 Resp: 78370
Ion Ratio Lower Upper
75 100
155 81.7 63.1 94.7
157 108.8 82.1 123.1





#69

1,3,5-Trichlorobenzene

Concen: 95.607 ug/L

RT: 14.623 min Scan# 2088

Delta R.T. 0.006 min

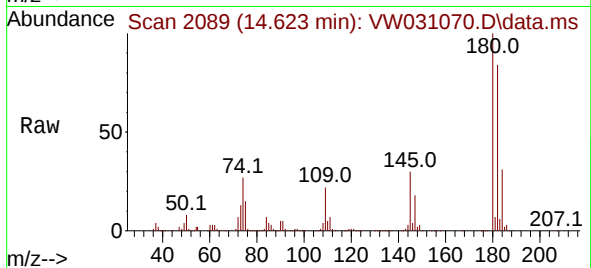
Lab File: VW031070.D

Acq: 20 Nov 2024 12:39

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 876719

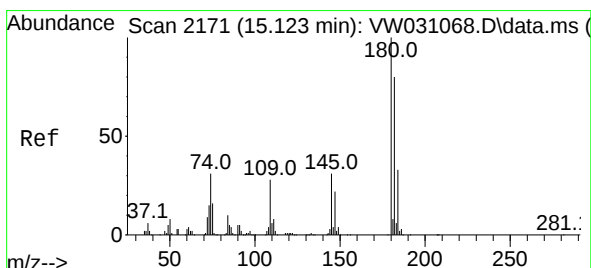
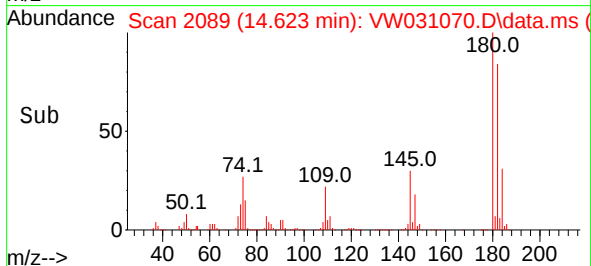
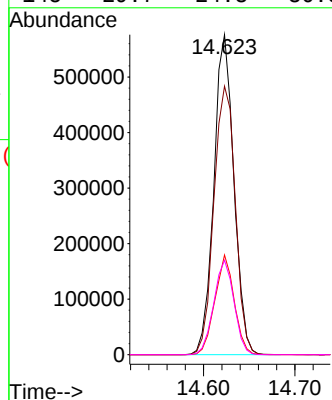
Ion Ratio Lower Upper

180 100

182 89.7 78.2 117.2

184 30.1 24.0 36.0

145 29.7 24.3 36.5



#70

1,2,4-trichlorobenzene

Concen: 101.375 ug/L

RT: 15.123 min Scan# 2171

Delta R.T. 0.000 min

Lab File: VW031070.D

Acq: 20 Nov 2024 12:39

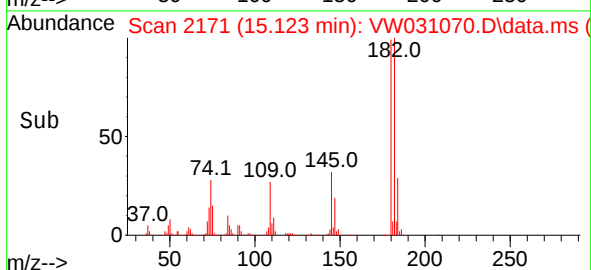
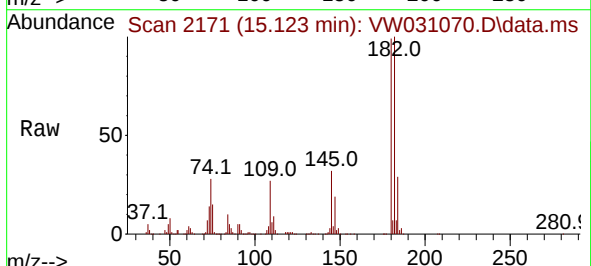
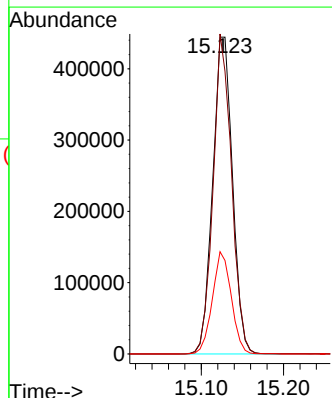
Tgt Ion:180 Resp: 743438

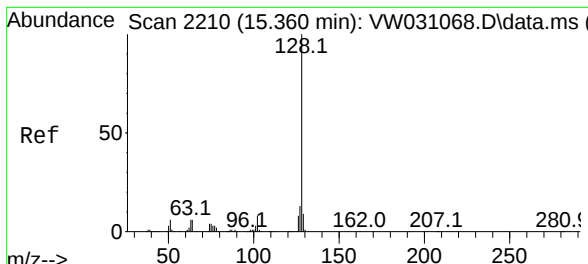
Ion Ratio Lower Upper

180 100

182 94.3 76.1 114.1

145 30.9 25.7 38.5



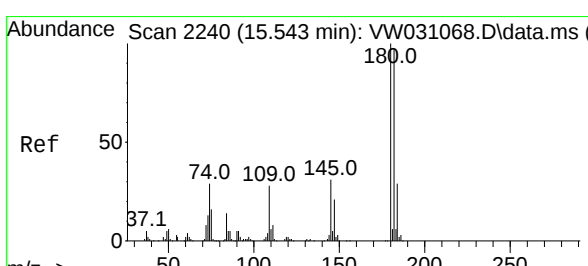
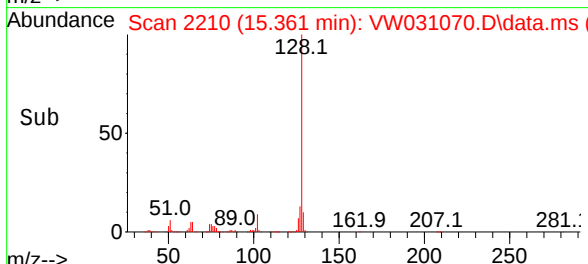
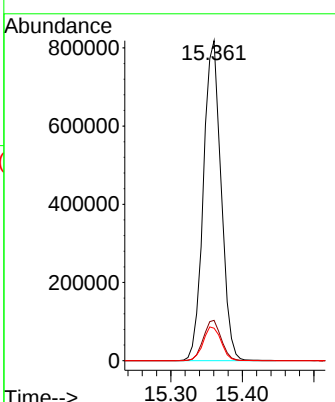
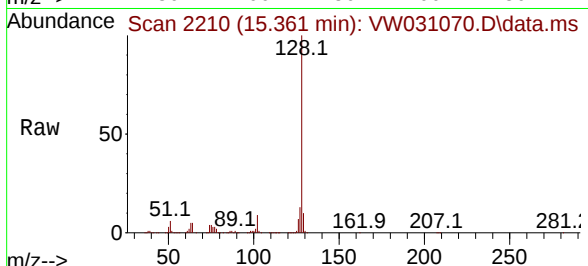


#71
Naphthalene
Concen: 113.151 ug/L
RT: 15.361 min Scan# 2210
Delta R.T. 0.000 min
Lab File: VW031070.D
Acq: 20 Nov 2024 12:39

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:128 Resp: 1402927

Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.4	15.6
129	10.8	8.3	12.5



#72
1,2,3-Trichlorobenzene
Concen: 98.049 ug/L
RT: 15.550 min Scan# 2241
Delta R.T. 0.006 min
Lab File: VW031070.D
Acq: 20 Nov 2024 12:39

Tgt Ion:180 Resp: 639990

Ion	Ratio	Lower	Upper
180	100		
182	90.0	78.7	118.1
145	33.4	26.3	39.5

