

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW061824\
 Data File : VW029170.D
 Acq On : 18 Jun 2024 11:07
 Operator : SY/MD
 Sample : VSTD100
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jun 19 00:54:36 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM061824SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jun 19 00:51:34 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	265546	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	251106	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	125388	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	352288	95.848	ug/L	0.00
7) Chloroethane-d5	2.893	69	297711	97.430	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.021	65	172761	97.351	ug/L	0.00
21) 2-Butanone-d5	7.069	46	243341	221.292	ug/L	0.00
24) Chloroform-d	7.648	84	793096	100.121	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	452649	99.526	ug/L	0.00
32) Benzene-d6	8.270	84	1550890	101.683	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.270	67	494111	101.913	ug/L	0.00
41) Toluene-d8	10.319	98	1414330	104.811	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.575	79	216340	110.729	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	183809	244.897	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	382350	99.086	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.849	152	449607	103.303	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.009	85	235541	86.705	ug/L	94
3) Chloromethane	2.229	50	346098	93.691	ug/L	100
5) Vinyl chloride	2.375	62	371013	87.458	ug/L	95
6) Bromomethane	2.783	94	231129	90.649	ug/L	90
8) Chloroethane	2.930	64	245128	94.474	ug/L	99
9) Trichlorofluoromethane	3.259	101	343361	103.711	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.064	101	330686	96.145	ug/L	93
12) 1,1-Dichloroethene	4.039	96	305754	99.371	ug/L	91
13) Acetone	4.119	43	179447	192.023	ug/L	94
14) Carbon disulfide	4.387	76	926619	92.253	ug/L	100
15) Methyl Acetate	4.667	43	192643	103.840	ug/L	100
16) Methylene chloride	4.917	84	335872	71.932	ug/L	94
17) trans-1,2-Dichloroethene	5.429	96	346014	101.262	ug/L	96
18) Methyl tert-butyl Ether	5.423	73	595430	108.965	ug/L	98
19) 1,1-Dichloroethane	6.216	63	728860	98.762	ug/L	98
20) cis-1,2-Dichloroethene	7.167	96	392060	104.048	ug/L	98
22) 2-Butanone	7.167	43	277074	216.858	ug/L	100
23) Bromochloromethane	7.514	128	164377	97.994	ug/L	96
25) Chloroform	7.673	83	702518	97.484	ug/L	100
27) 1,2-Dichloroethane	8.398	62	505994	95.202	ug/L	100
29) Cyclohexane	7.953	56	620277	108.052	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	546047	97.792	ug/L	96
31) Carbon tetrachloride	8.069	117	502513	98.516	ug/L	95
33) Benzene	8.319	78	1483203	98.305	ug/L	100
34) Trichloroethene	9.087	95	395880	98.348	ug/L	98
35) Methylcyclohexane	9.331	83	649272	102.562	ug/L	99
37) 1,2-Dichloropropane	9.368	63	411249	96.961	ug/L	98
38) Bromodichloromethane	9.642	83	521344	100.576	ug/L	97
39) cis-1,3-Dichloropropene	10.069	75	665504	111.047	ug/L	93
40) 4-Methyl-2-pentanone	10.209	43	578062	219.986	ug/L	98
42) Toluene	10.386	91	1600095	103.161	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	562771	111.212	ug/L	95

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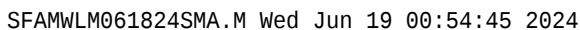
Instrument :
 MSVOA_W
 ClientSampleId :

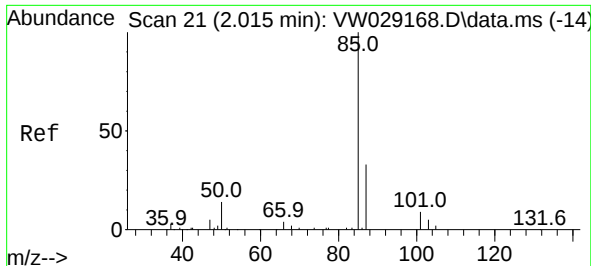
Quant Time: Jun 19 00:54:36 2024
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 Quant Title : SFAM01.0
 QLast Update : Wed Jun 19 00:51:34 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.782	97	284607	96.388	ug/L	97
46) Tetrachloroethene	10.861	164	271294	96.413	ug/L	89
48) 2-Hexanone	10.965	43	418651	224.529	ug/L	99
49) Dibromochloromethane	11.123	129	324640	105.179	ug/L	95
50) 1,2-Dibromoethane	11.233	107	268715	101.382	ug/L	98
51) Chlorobenzene	11.654	112	1003750	99.654	ug/L	95
52) Ethylbenzene	11.727	91	1855957	105.412	ug/L	97
53) m,p-Xylene	11.837	106	679054	105.589	ug/L	95
54) o-Xylene	12.160	106	658006	109.477	ug/L	94
55) Styrene	12.178	104	1140661	108.846	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.709	83	357637	97.918	ug/L	97
59) Bromoform	12.349	173	178342	103.776	ug/L	98
60) Isopropylbenzene	12.465	105	1812605	108.491	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	262938	96.141	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	1379661	114.022	ug/L	96
63) 1,2,4-Trimethylbenzene	13.245	105	1469106	112.845	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	737419	101.992	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	741225	96.354	ug/L	96
67) 1,2-Dichlorobenzene	13.867	146	669868	100.218	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.476	75	60934	95.473	ug/L	92
69) 1,3,5-Trichlorobenzene	14.623	180	492518	100.933	ug/L	98
70) 1,2,4-trichlorobenzene	15.123	180	428164	108.242	ug/L	99
71) Naphthalene	15.354	128	924020	118.356	ug/L	99
72) 1,2,3-Trichlorobenzene	15.543	180	373034	103.500	ug/L	99

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

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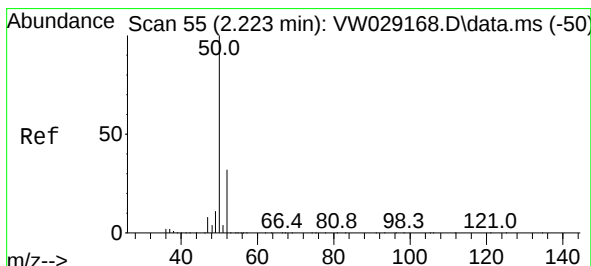
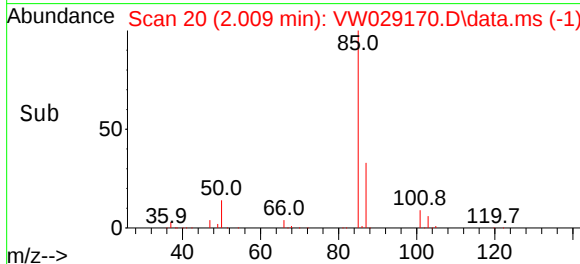
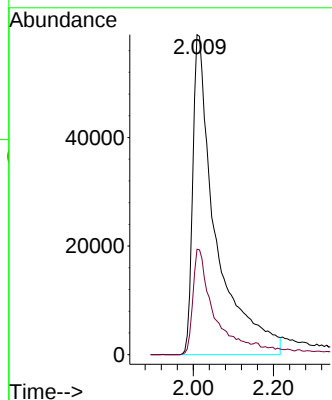
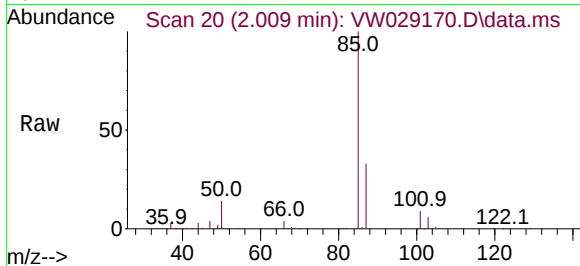




#2
Dichlorodifluoromethane
Concen: 86.705 ug/L
RT: 2.009 min Scan# 20
Delta R.T. -0.006 min
Lab File: VW029170.D
Acq: 18 Jun 2024 11:07

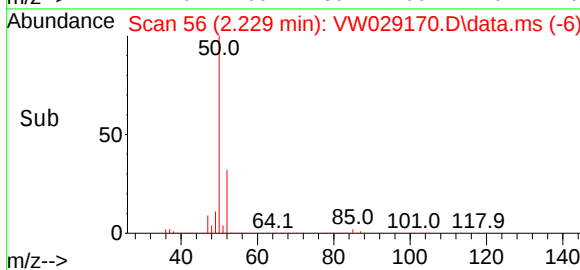
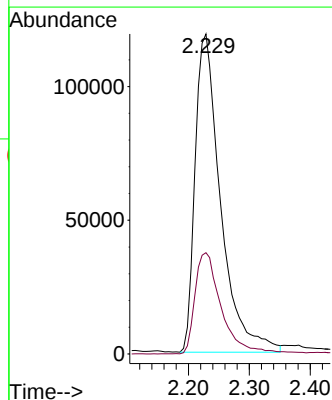
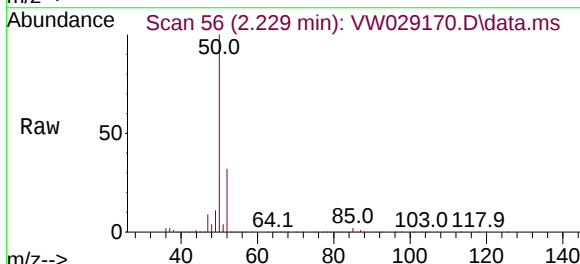
Instrument :
MSVOA_W
ClientSampleId :

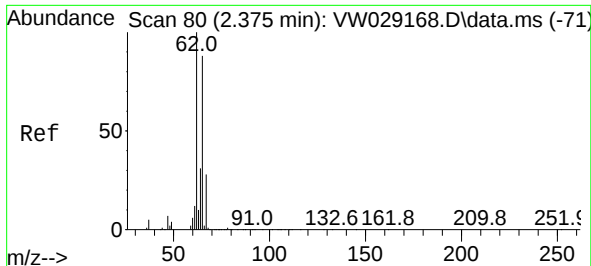
Tgt Ion: 85 Resp: 235541
Ion Ratio Lower Upper
85 100
87 26.4 23.8 35.6



#3
Chloromethane
Concen: 93.691 ug/L
RT: 2.229 min Scan# 56
Delta R.T. 0.006 min
Lab File: VW029170.D
Acq: 18 Jun 2024 11:07

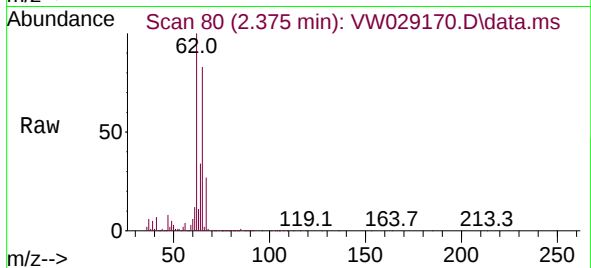
Tgt Ion: 50 Resp: 346098
Ion Ratio Lower Upper
50 100
52 31.7 22.3 41.5



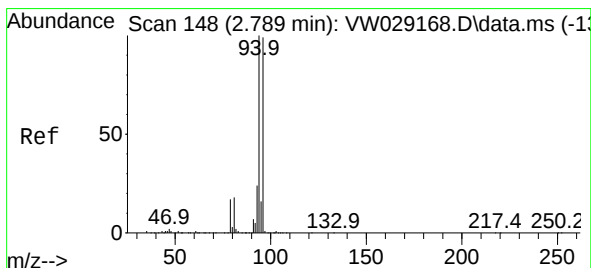
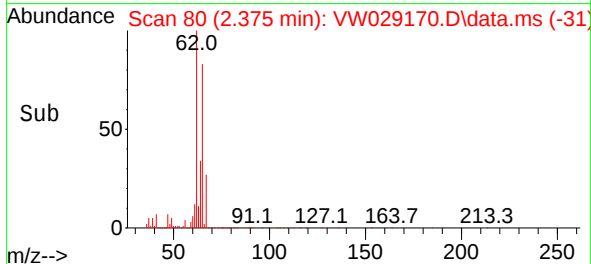
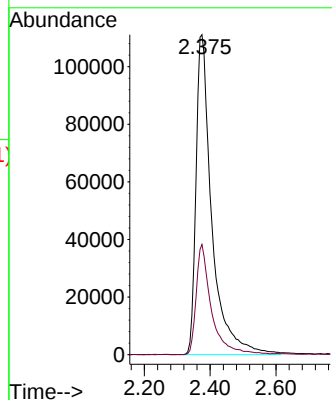


#5
 Vinyl chloride
 Concen: 87.458 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VW029170.D
 Acq: 18 Jun 2024 11:07

Instrument :
 MSVOA_W
 ClientSampleId :

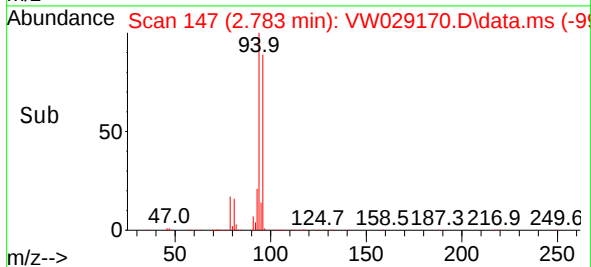
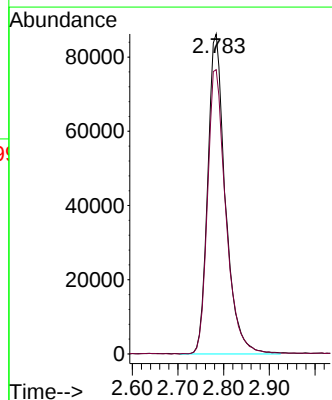
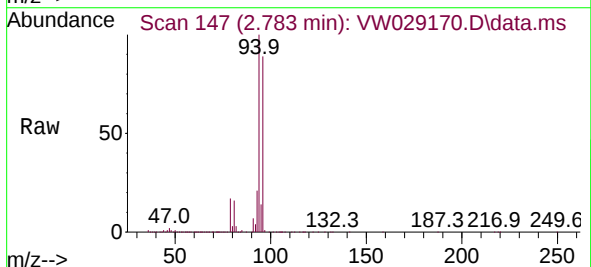


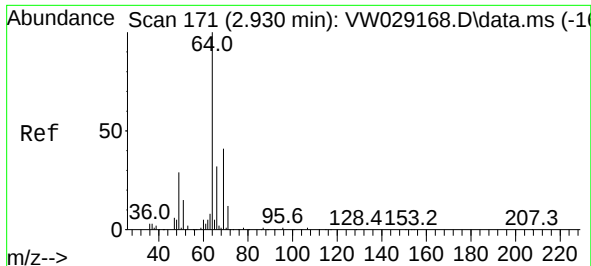
Tgt Ion: 62 Resp: 371013
 Ion Ratio Lower Upper
 62 100
 64 34.4 22.0 40.8



#6
 Bromomethane
 Concen: 90.649 ug/L
 RT: 2.783 min Scan# 147
 Delta R.T. -0.006 min
 Lab File: VW029170.D
 Acq: 18 Jun 2024 11:07

Tgt Ion: 94 Resp: 231129
 Ion Ratio Lower Upper
 94 100
 96 88.9 69.5 129.1

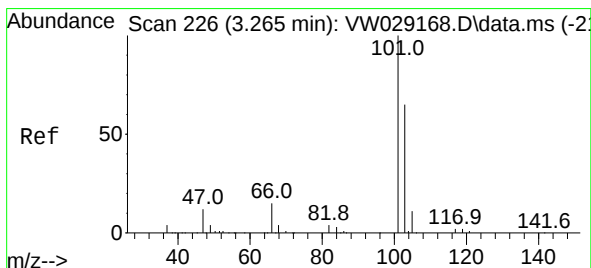
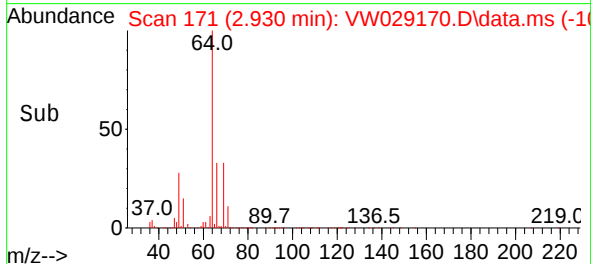
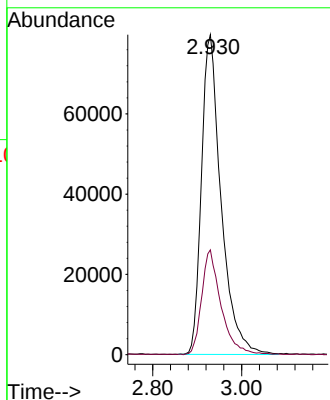
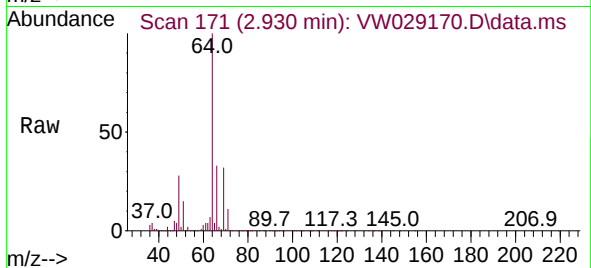




#8
Chloroethane
Concen: 94.474 ug/L
RT: 2.930 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW029170.D
Acq: 18 Jun 2024 11:07

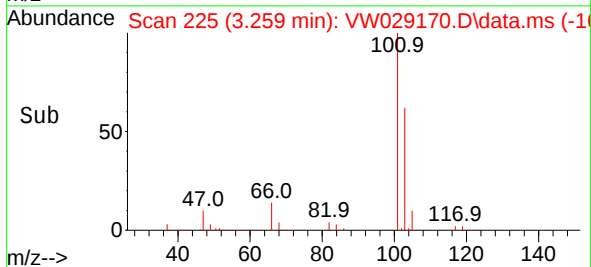
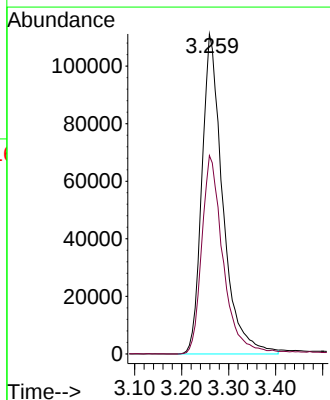
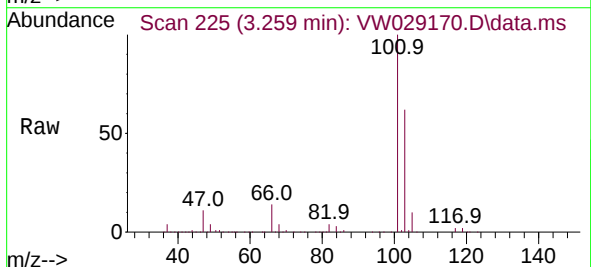
Instrument :
MSVOA_W
ClientSampleId :

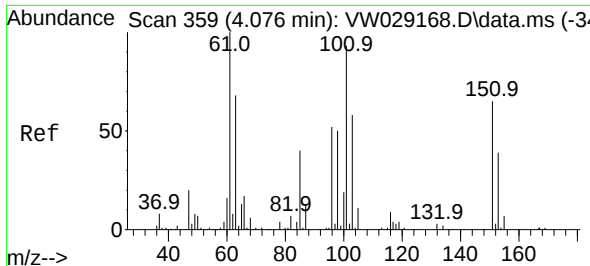
Tgt Ion: 64 Resp: 245128
Ion Ratio Lower Upper
64 100
66 32.7 22.5 41.9



#9
Trichlorofluoromethane
Concen: 103.711 ug/L
RT: 3.259 min Scan# 225
Delta R.T. -0.006 min
Lab File: VW029170.D
Acq: 18 Jun 2024 11:07

Tgt Ion:101 Resp: 343361
Ion Ratio Lower Upper
101 100
103 62.8 50.8 76.2





#10

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

Concen: 96.145 ug/L

RT: 4.064 min Scan# 357

Delta R.T. -0.012 min

Lab File: VW029170.D

Acq: 18 Jun 2024 11:07

Instrument :

MSVOA_W

ClientSampleId :

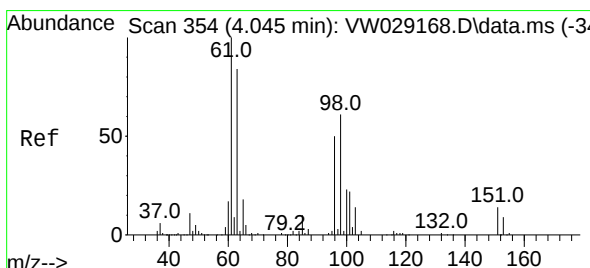
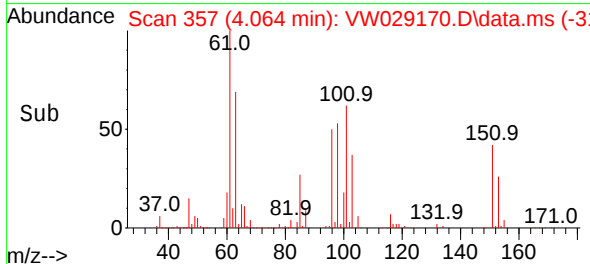
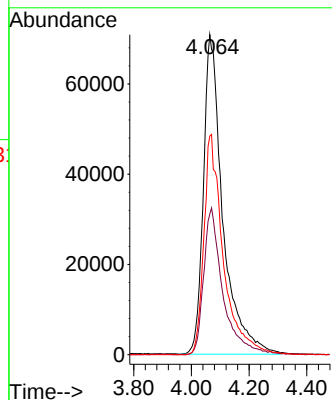
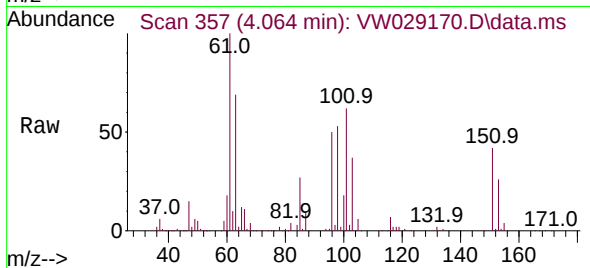
Tgt Ion:101 Resp: 330686

Ion Ratio Lower Upper

101 100

85 44.8 30.2 45.2

151 68.9 52.2 78.4



#12

1,1-Dichloroethene

Concen: 99.371 ug/L

RT: 4.039 min Scan# 353

Delta R.T. -0.006 min

Lab File: VW029170.D

Acq: 18 Jun 2024 11:07

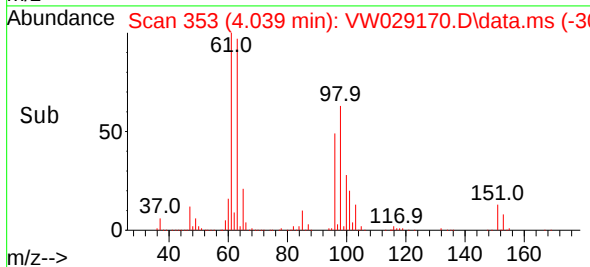
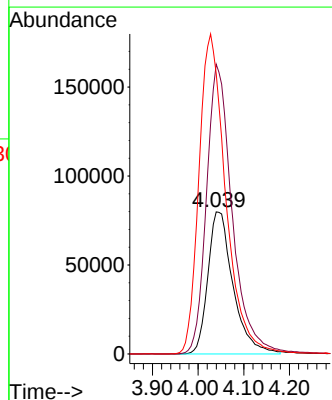
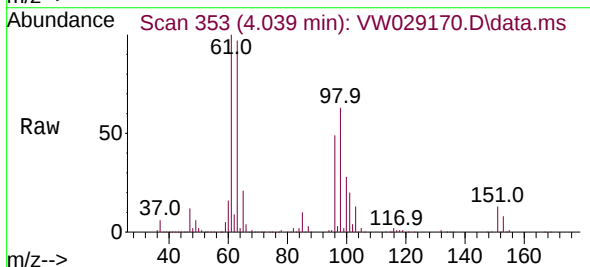
Tgt Ion: 96 Resp: 305754

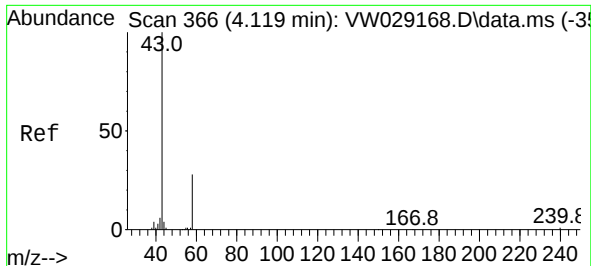
Ion Ratio Lower Upper

96 100

61 203.9 140.1 260.3

63 197.3 122.0 226.6

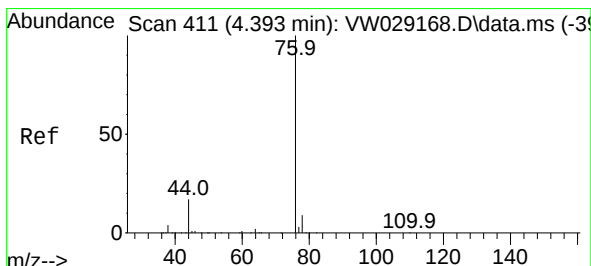
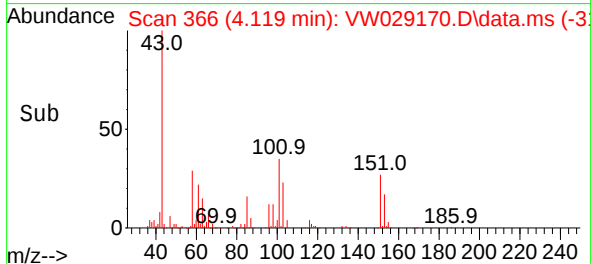
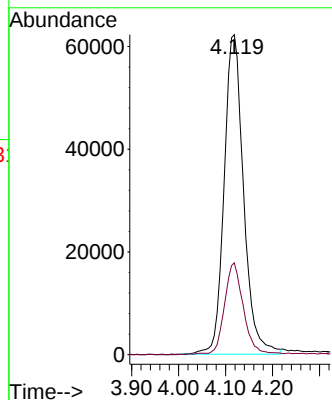
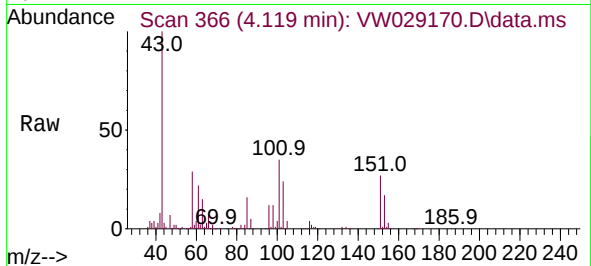




#13
Acetone
Concen: 192.023 ug/L
RT: 4.119 min Scan# 366
Delta R.T. 0.000 min
Lab File: VW029170.D
Acq: 18 Jun 2024 11:07

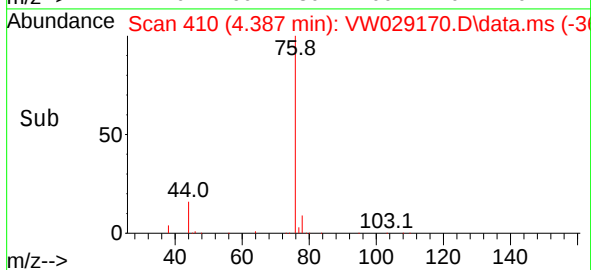
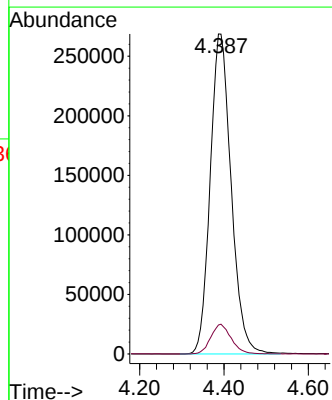
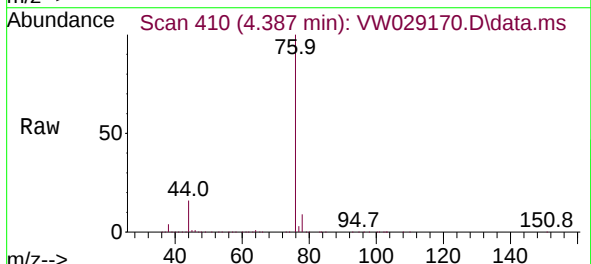
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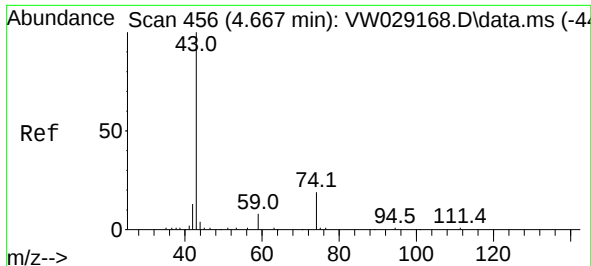
Tgt Ion: 43 Resp: 179447
Ion Ratio Lower Upper
43 100
58 27.6 0.0 61.4



#14
Carbon disulfide
Concen: 92.253 ug/L
RT: 4.387 min Scan# 410
Delta R.T. -0.006 min
Lab File: VW029170.D
Acq: 18 Jun 2024 11:07

Tgt Ion: 76 Resp: 926619
Ion Ratio Lower Upper
76 100
78 9.1 7.2 10.8





#15

Methyl Acetate

Concen: 103.840 ug/L

RT: 4.667 min Scan# 4

Delta R.T. 0.000 min

Lab File: VW029170.D

Acq: 18 Jun 2024 11:07

Instrument :

MSVOA_W

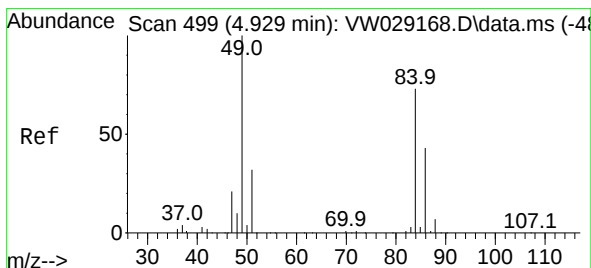
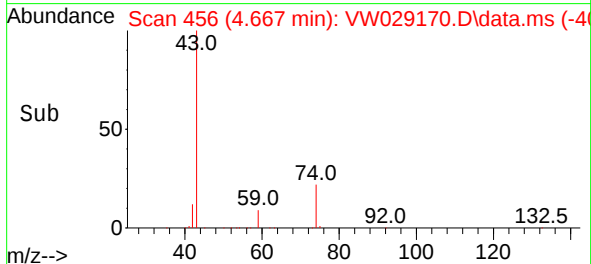
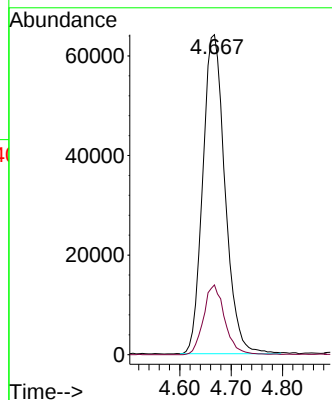
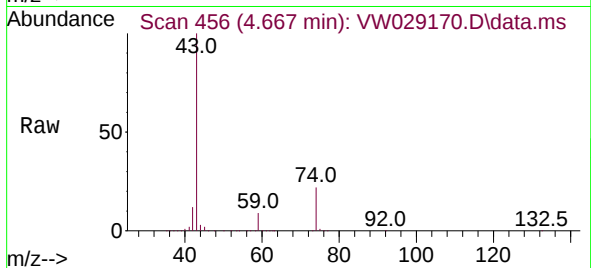
ClientSampleId :

Tgt Ion: 43 Resp: 192643

Ion Ratio Lower Upper

43 100

74 20.8 16.6 25.0



#16

Methylene chloride

Concen: 71.932 ug/L

RT: 4.917 min Scan# 497

Delta R.T. -0.012 min

Lab File: VW029170.D

Acq: 18 Jun 2024 11:07

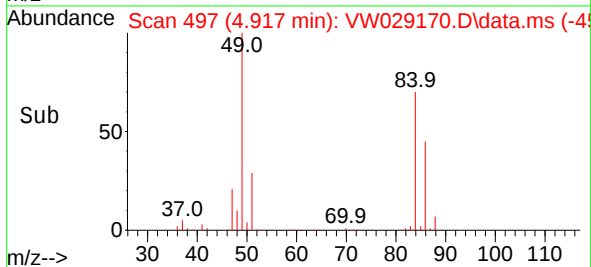
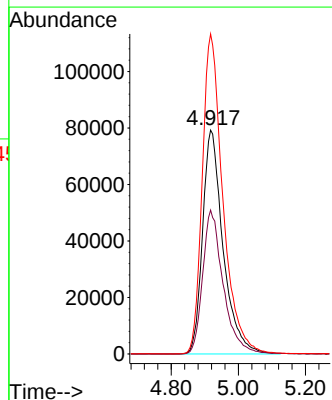
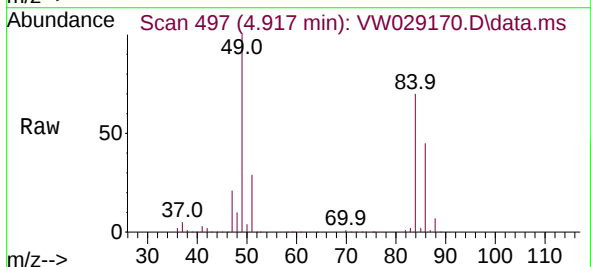
Tgt Ion: 84 Resp: 335872

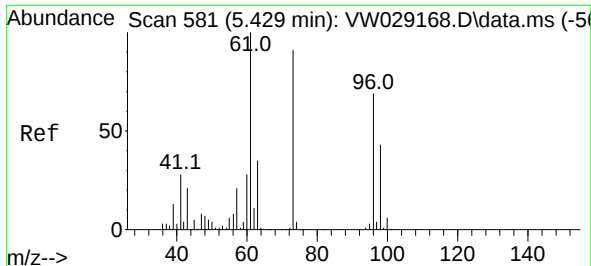
Ion Ratio Lower Upper

84 100

86 64.3 41.4 77.0

49 143.0 95.7 177.7





#17

trans-1,2-Dichloroethene

Concen: 101.262 ug/L

RT: 5.429 min Scan# 581

Delta R.T. 0.000 min

Lab File: VW029170.D

Acq: 18 Jun 2024 11:07

Instrument :

MSVOA_W

ClientSampleId :

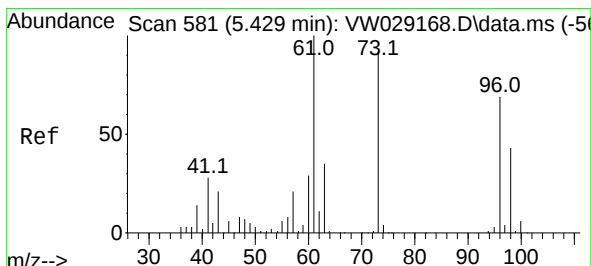
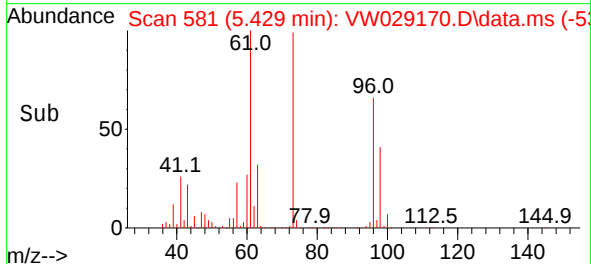
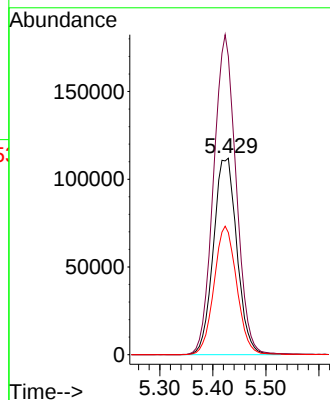
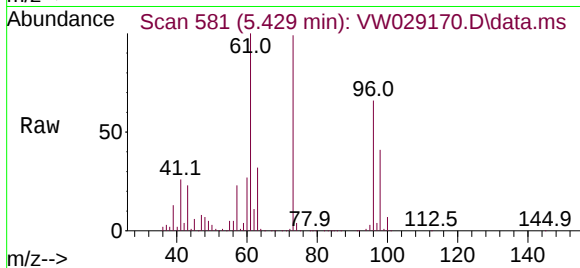
Tgt Ion: 96 Resp: 346014

Ion Ratio Lower Upper

96 100

61 151.8 101.5 188.5

98 62.1 43.3 80.3



#18

Methyl tert-butyl Ether

Concen: 108.965 ug/L

RT: 5.423 min Scan# 580

Delta R.T. -0.006 min

Lab File: VW029170.D

Acq: 18 Jun 2024 11:07

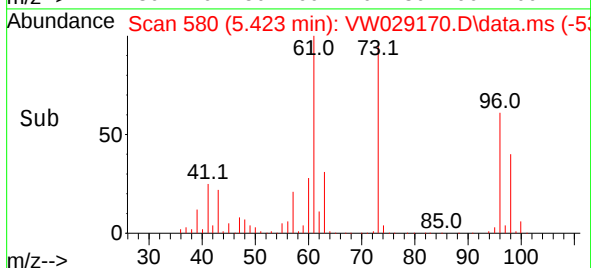
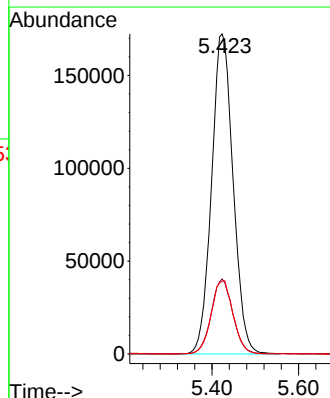
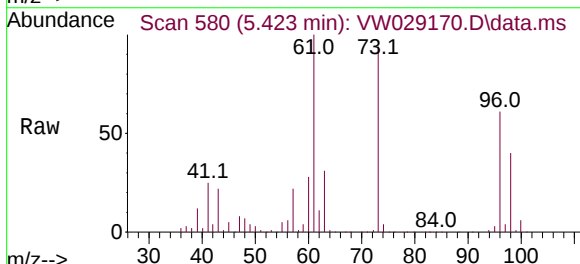
Tgt Ion: 73 Resp: 595430

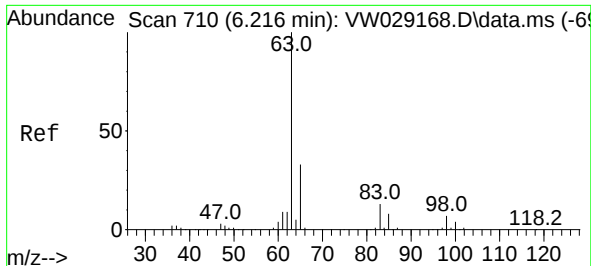
Ion Ratio Lower Upper

73 100

43 23.2 19.5 29.3

57 23.3 18.4 27.6

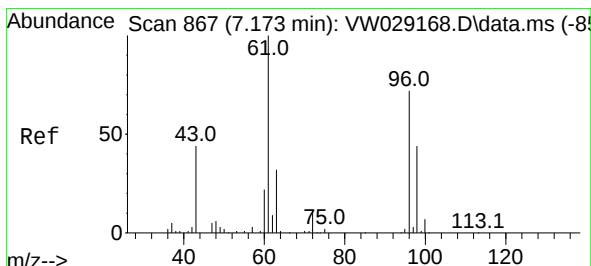
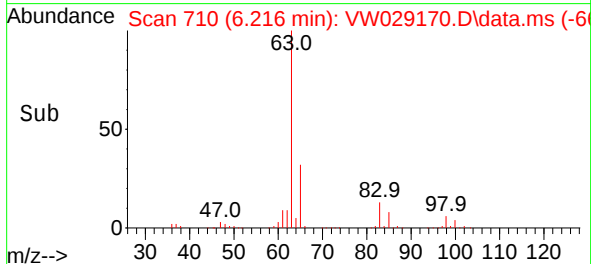
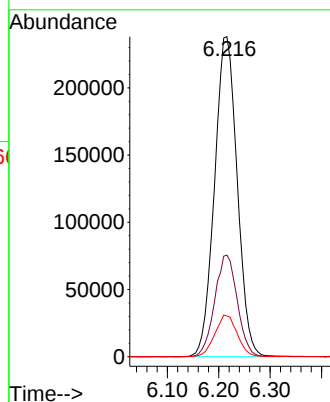
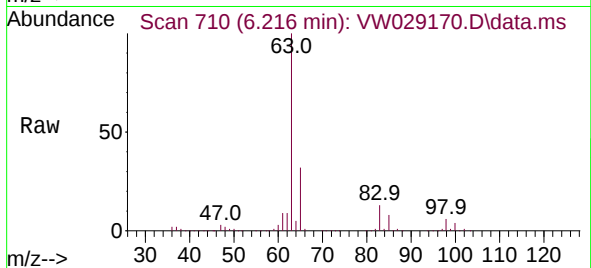




#19
1,1-Dichloroethane
Concen: 98.762 ug/L
RT: 6.216 min Scan# 710
Delta R.T. 0.000 min
Lab File: VW029170.D
Acq: 18 Jun 2024 11:07

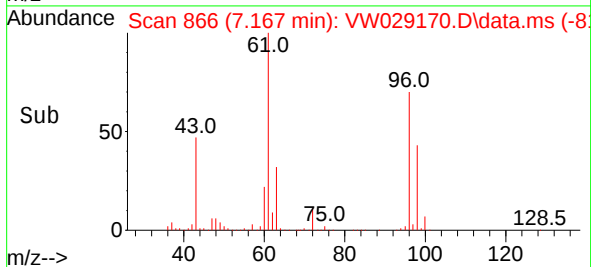
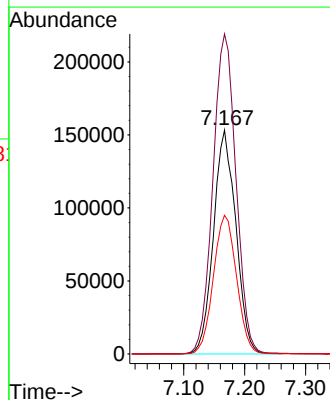
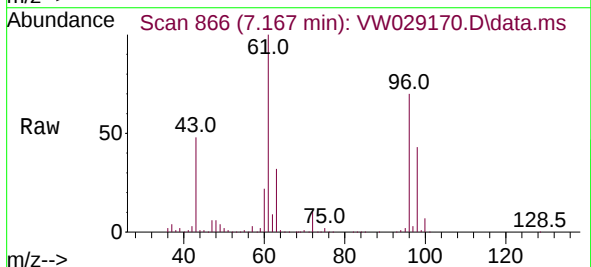
Instrument :
MSVOA_W
ClientSampleId :

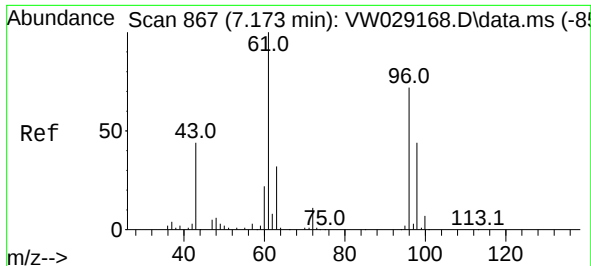
Tgt Ion: 63 Resp: 728860
Ion Ratio Lower Upper
63 100
65 31.8 23.4 43.4
83 12.7 8.9 16.5



#20
cis-1,2-Dichloroethene
Concen: 104.048 ug/L
RT: 7.167 min Scan# 866
Delta R.T. -0.006 min
Lab File: VW029170.D
Acq: 18 Jun 2024 11:07

Tgt Ion: 96 Resp: 392060
Ion Ratio Lower Upper
96 100
61 142.9 97.8 181.6
98 62.0 43.0 79.8





#22

2-Butanone

Concen: 216.858 ug/L

RT: 7.167 min Scan# 80

Delta R.T. -0.006 min

Lab File: VW029170.D

Acq: 18 Jun 2024 11:07

Instrument :

MSVOA_W

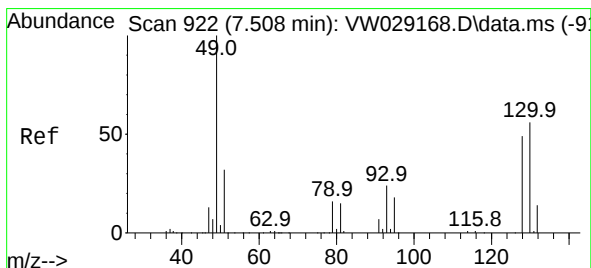
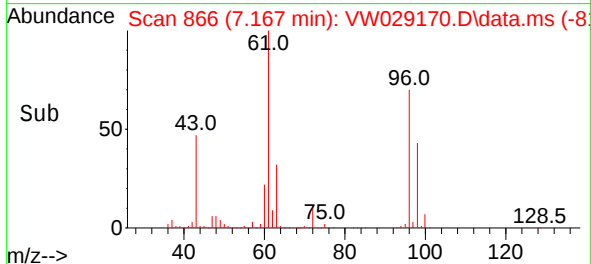
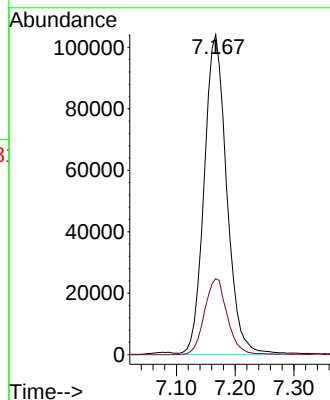
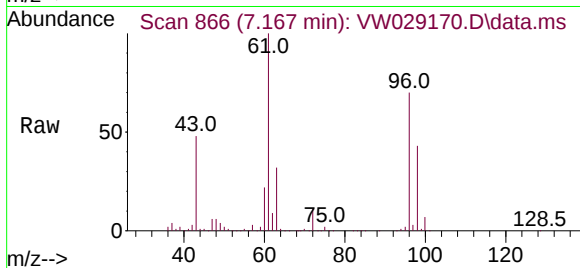
ClientSampleId :

Tgt Ion: 43 Resp: 277074

Ion Ratio Lower Upper

43 100

72 23.9 11.9 35.7



#23

Bromochloromethane

Concen: 97.994 ug/L

RT: 7.514 min Scan# 923

Delta R.T. 0.006 min

Lab File: VW029170.D

Acq: 18 Jun 2024 11:07

Tgt Ion:128 Resp: 164377

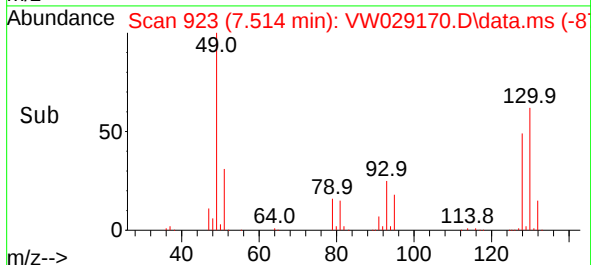
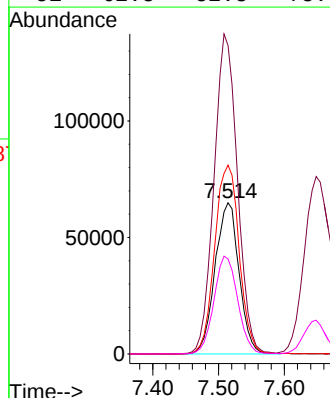
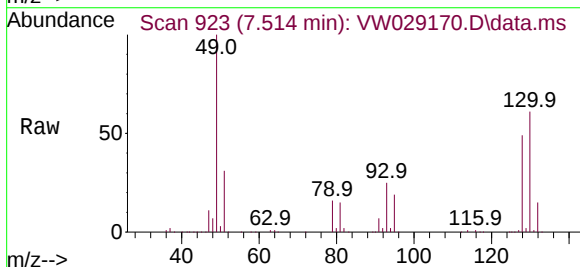
Ion Ratio Lower Upper

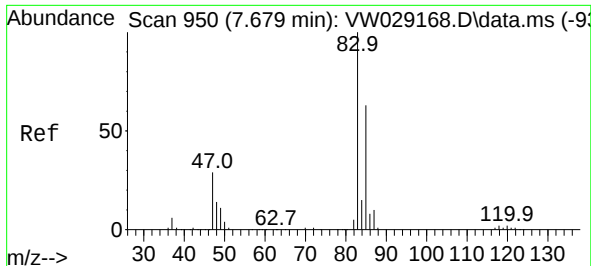
128 100

49 203.9 142.6 264.8

130 124.8 79.7 148.1

51 62.8 52.3 78.5





#25

Chloroform

Concen: 97.484 ug/L

RT: 7.673 min Scan# 949

Delta R.T. -0.006 min

Lab File: VW029170.D

Acq: 18 Jun 2024 11:07

Instrument :

MSVOA_W

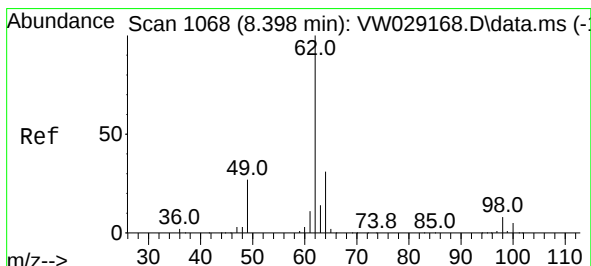
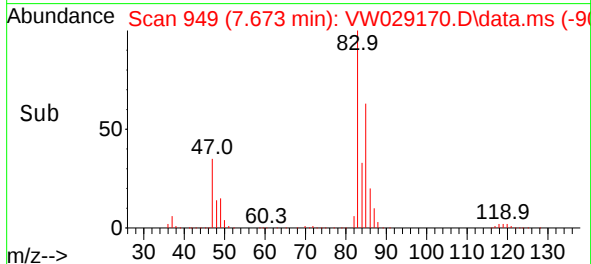
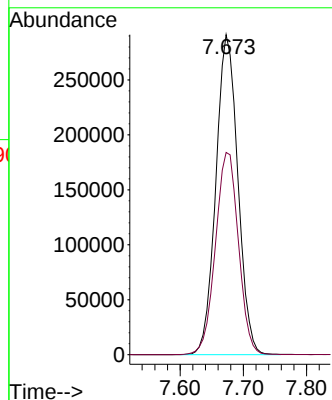
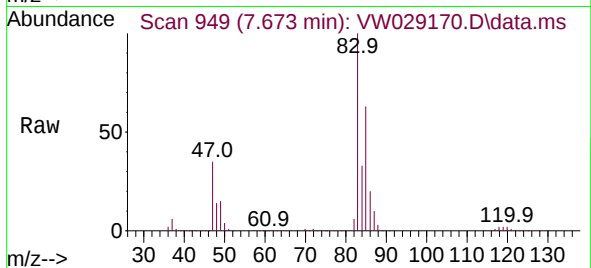
ClientSampleId :

Tgt Ion: 83 Resp: 702518

Ion Ratio Lower Upper

83 100

85 63.2 44.4 82.4



#27

1,2-Dichloroethane

Concen: 95.202 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. 0.000 min

Lab File: VW029170.D

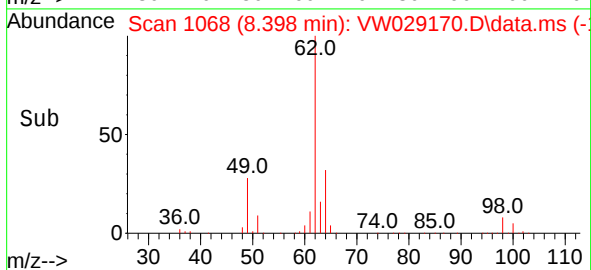
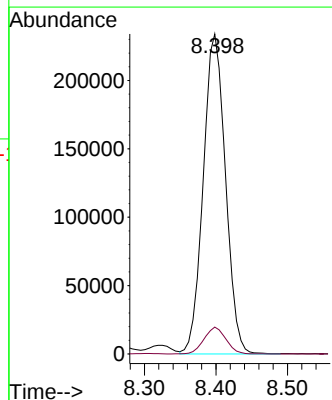
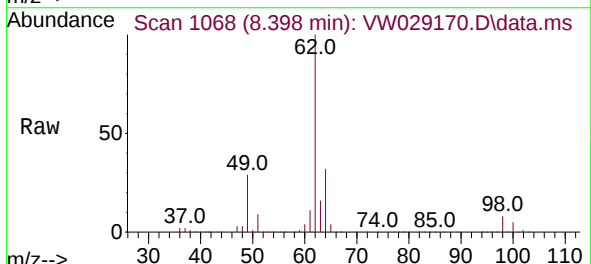
Acq: 18 Jun 2024 11:07

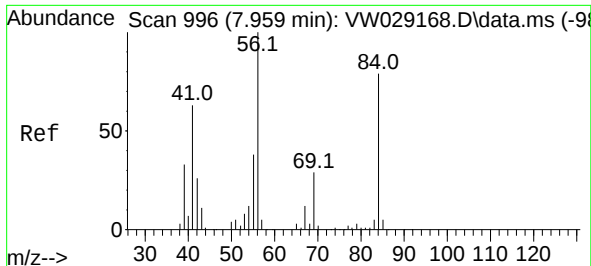
Tgt Ion: 62 Resp: 505994

Ion Ratio Lower Upper

62 100

98 8.4 6.6 10.0





#29

Cyclohexane

Concen: 108.052 ug/L

RT: 7.953 min Scan# 996

Delta R.T. -0.006 min

Lab File: VW029170.D

Acq: 18 Jun 2024 11:07

Instrument :

MSVOA_W

ClientSampleId :

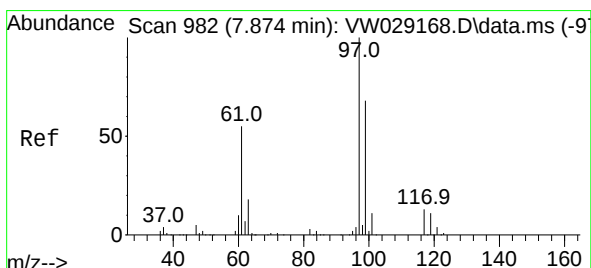
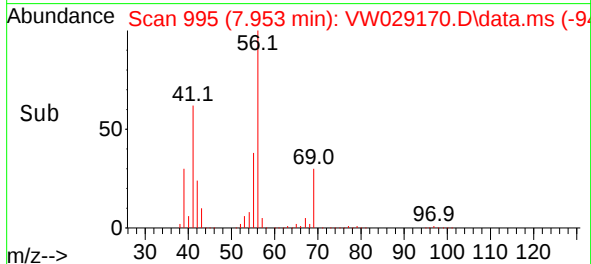
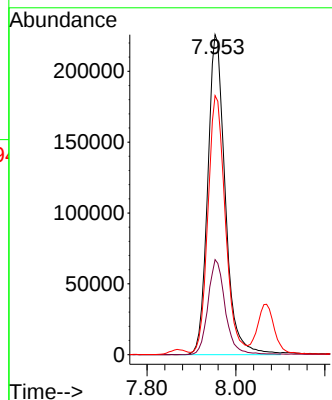
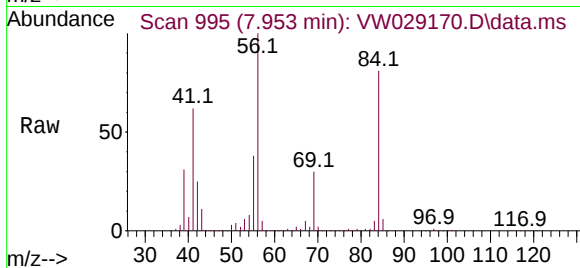
Tgt Ion: 56 Resp: 620277

Ion Ratio Lower Upper

56 100

69 29.2 23.4 35.0

84 80.3 64.5 96.7



#30

1,1,1-Trichloroethane

Concen: 97.792 ug/L

RT: 7.874 min Scan# 982

Delta R.T. 0.000 min

Lab File: VW029170.D

Acq: 18 Jun 2024 11:07

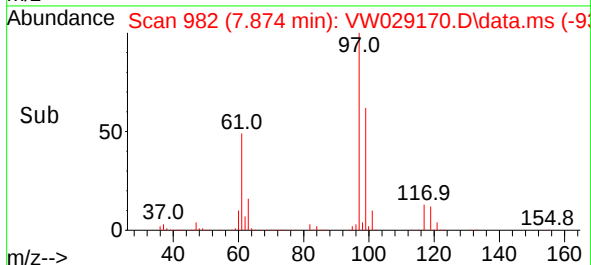
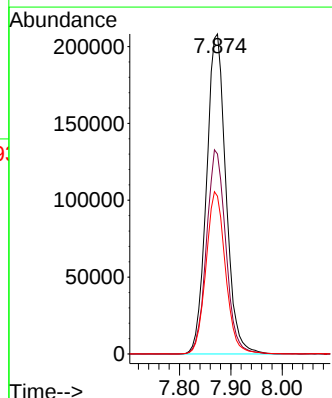
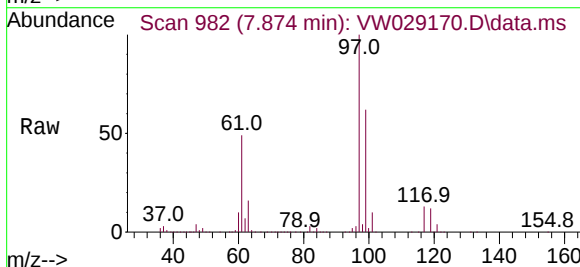
Tgt Ion: 97 Resp: 546047

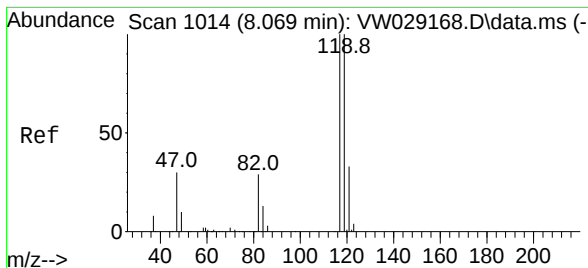
Ion Ratio Lower Upper

97 100

99 63.4 53.0 79.4

61 51.0 43.0 64.4





#31

Carbon tetrachloride

Concen: 98.516 ug/L

RT: 8.069 min Scan# 1014

Delta R.T. 0.000 min

Lab File: VW029170.D

Acq: 18 Jun 2024 11:07

Instrument :

MSVOA_W

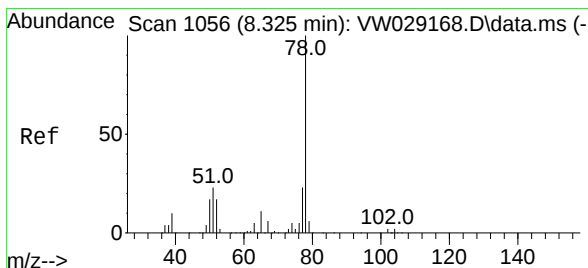
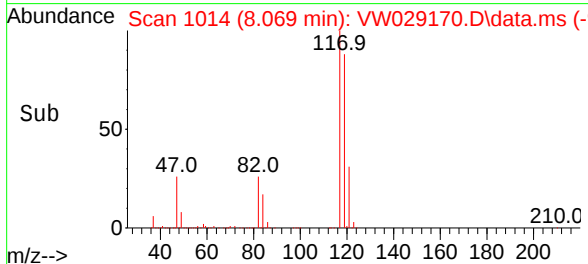
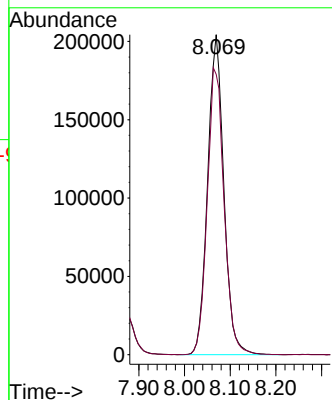
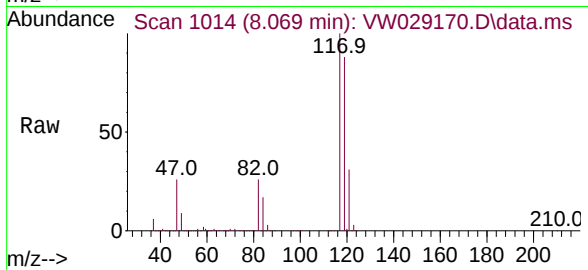
ClientSampleId :

Tgt Ion:117 Resp: 502513

Ion Ratio Lower Upper

117 100

119 93.4 79.0 118.4



#33

Benzene

Concen: 98.305 ug/L

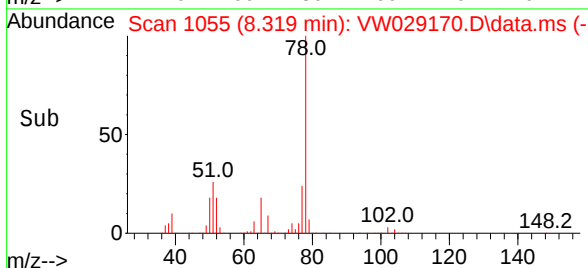
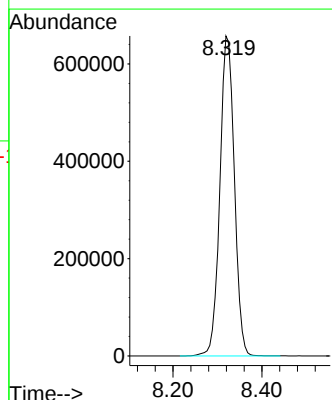
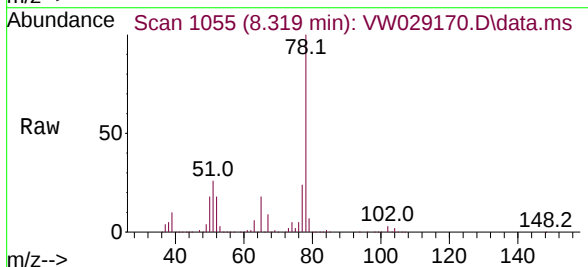
RT: 8.319 min Scan# 1055

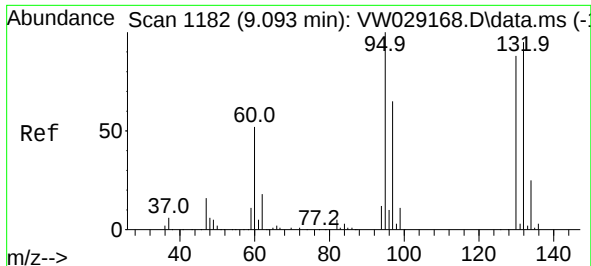
Delta R.T. -0.006 min

Lab File: VW029170.D

Acq: 18 Jun 2024 11:07

Tgt Ion: 78 Resp: 1483203

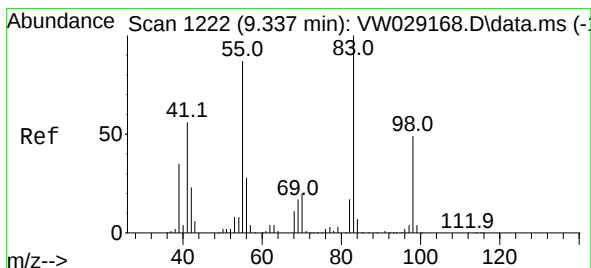
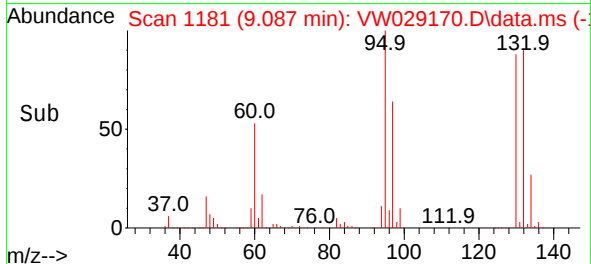
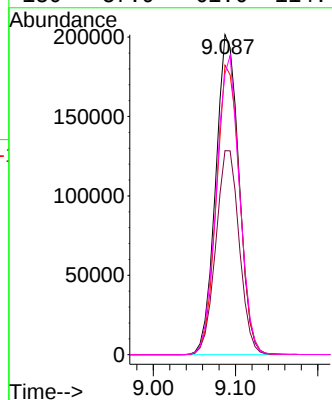
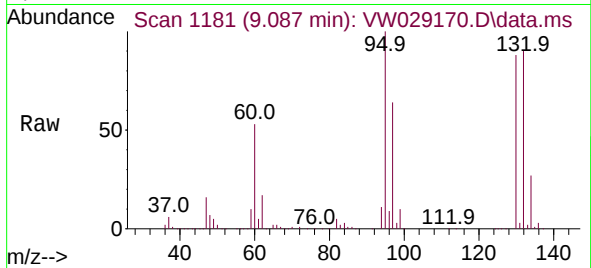




#34
Trichloroethene
Concen: 98.348 ug/L
RT: 9.087 min Scan# 1181
Delta R.T. -0.006 min
Lab File: VW029170.D
Acq: 18 Jun 2024 11:07

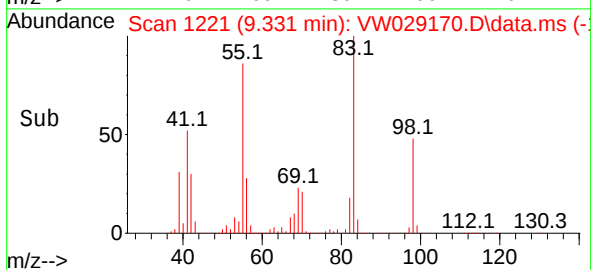
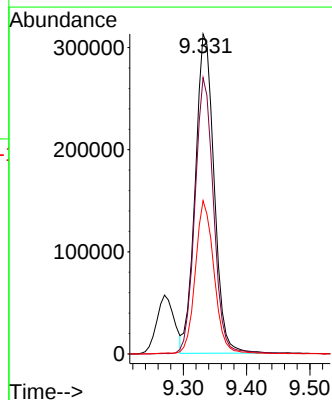
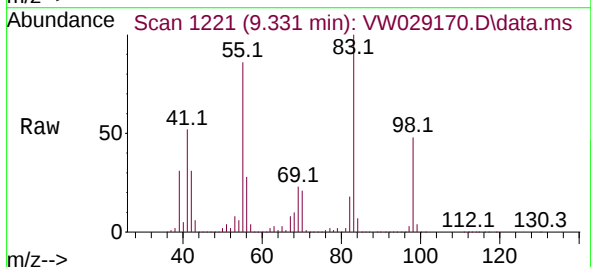
Instrument :
MSVOA_W
ClientSampleId :

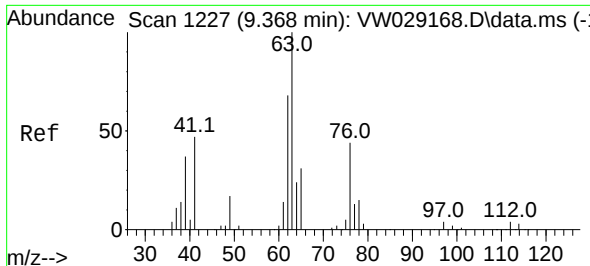
Tgt Ion: 95 Resp: 395880
Ion Ratio Lower Upper
95 100
97 63.8 45.7 84.9
132 90.5 66.4 123.4
130 87.9 61.6 114.4



#35
Methylcyclohexane
Concen: 102.562 ug/L
RT: 9.331 min Scan# 1221
Delta R.T. -0.006 min
Lab File: VW029170.D
Acq: 18 Jun 2024 11:07

Tgt Ion: 83 Resp: 649272
Ion Ratio Lower Upper
83 100
55 86.1 69.5 104.3
98 47.3 38.0 57.0





#37

1,2-Dichloropropane

Concen: 96.961 ug/L

RT: 9.368 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VW029170.D

Acq: 18 Jun 2024 11:07

Instrument :

MSVOA_W

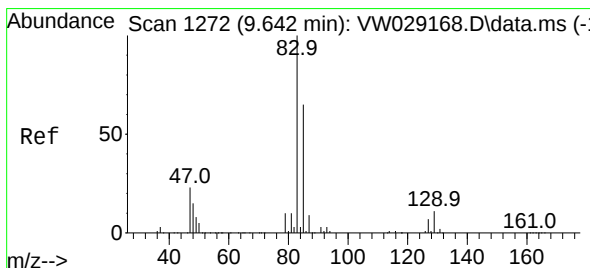
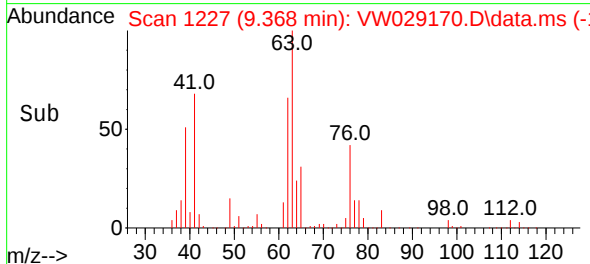
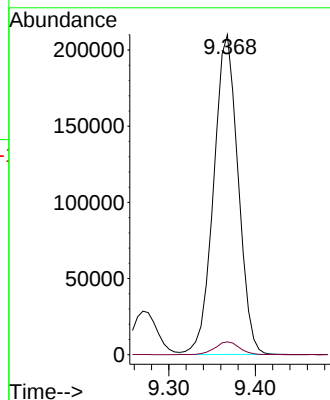
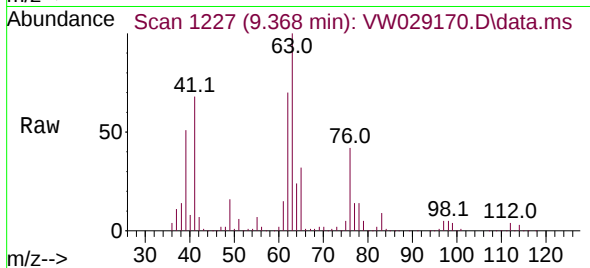
ClientSampleId :

Tgt Ion: 63 Resp: 411249

Ion Ratio Lower Upper

63 100

112 4.1 3.8 5.6



#38

Bromodichloromethane

Concen: 100.576 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW029170.D

Acq: 18 Jun 2024 11:07

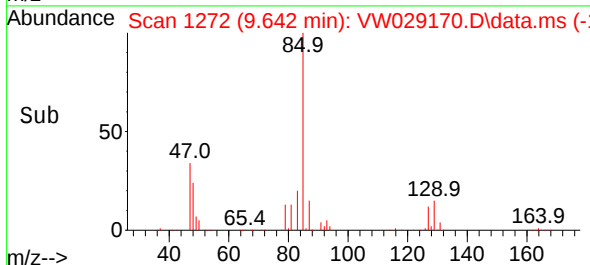
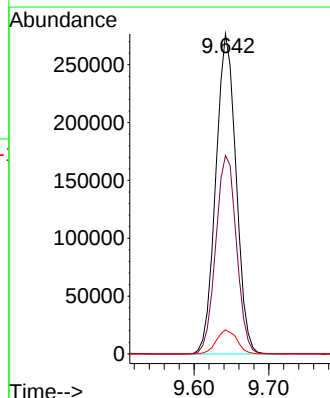
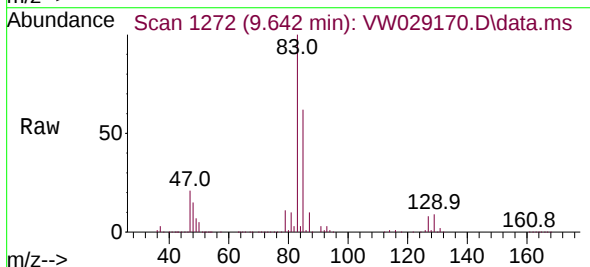
Tgt Ion: 83 Resp: 521344

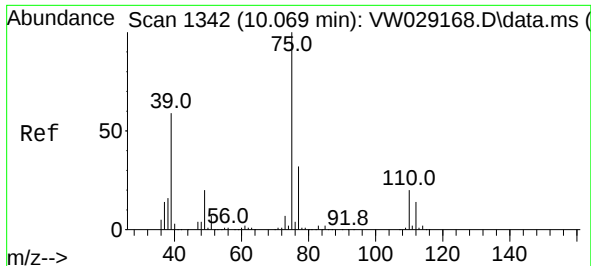
Ion Ratio Lower Upper

83 100

85 62.0 45.1 83.9

127 7.6 5.8 8.6

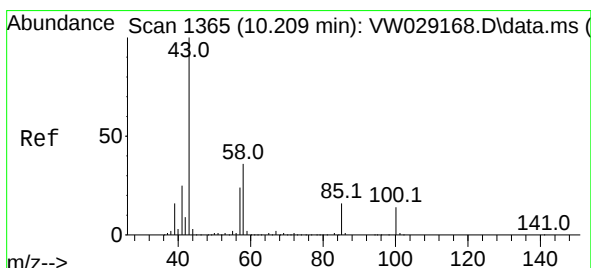
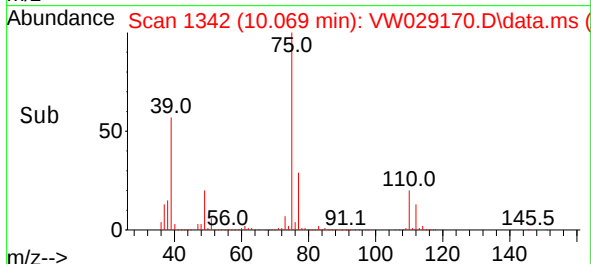
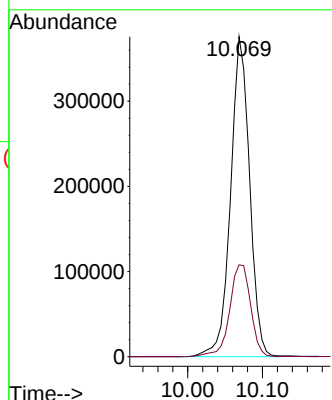
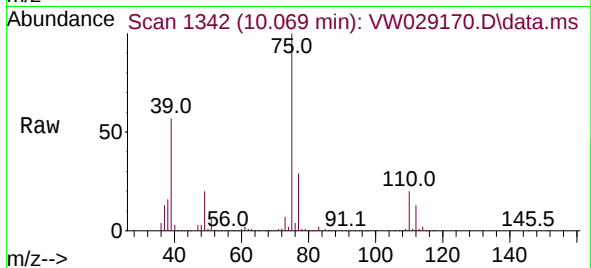




#39
cis-1,3-Dichloropropene
Concen: 111.047 ug/L
RT: 10.069 min Scan# 1342
Delta R.T. 0.000 min
Lab File: VW029170.D
Acq: 18 Jun 2024 11:07

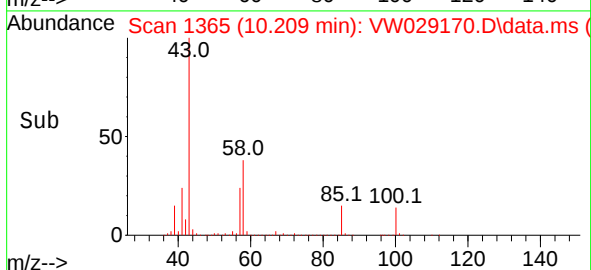
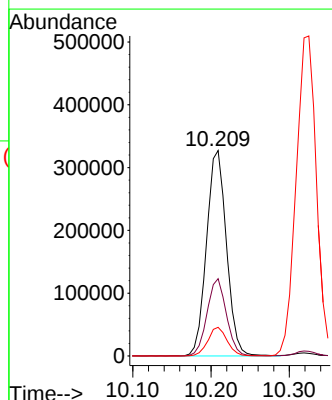
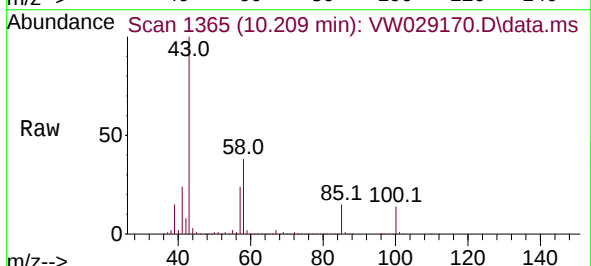
Instrument :
MSVOA_W
ClientSampleId :

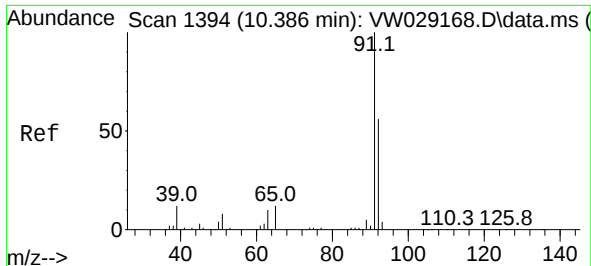
Tgt Ion: 75 Resp: 665504
Ion Ratio Lower Upper
75 100
77 28.7 22.7 42.1



#40
4-Methyl-2-pentanone
Concen: 219.986 ug/L
RT: 10.209 min Scan# 1365
Delta R.T. 0.000 min
Lab File: VW029170.D
Acq: 18 Jun 2024 11:07

Tgt Ion: 43 Resp: 578062
Ion Ratio Lower Upper
43 100
58 36.5 28.2 42.4
100 13.5 11.0 16.4

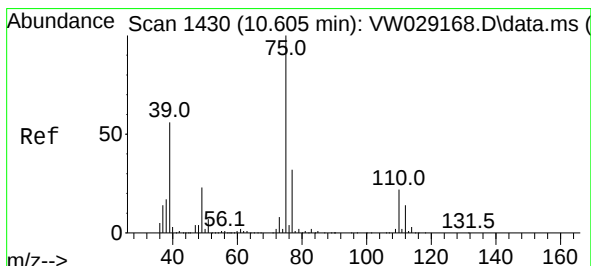
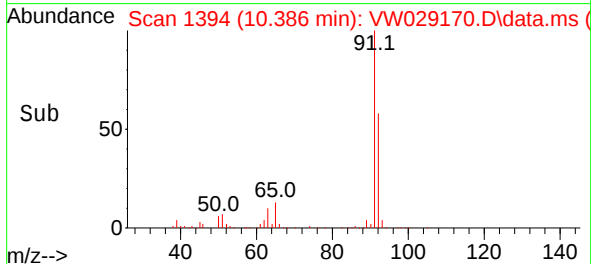
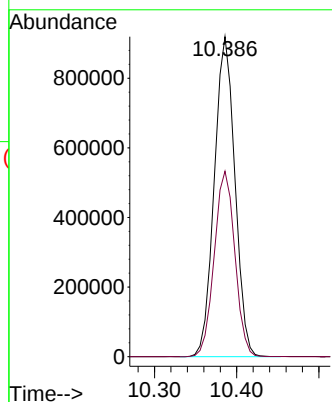
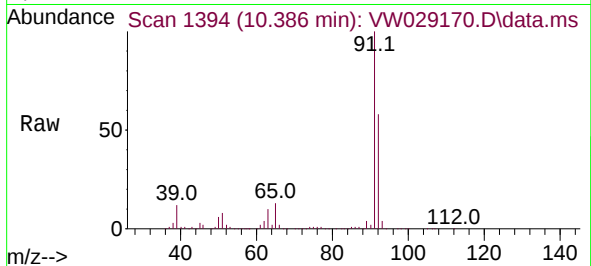




#42
Toluene
Concen: 103.161 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VW029170.D
Acq: 18 Jun 2024 11:07

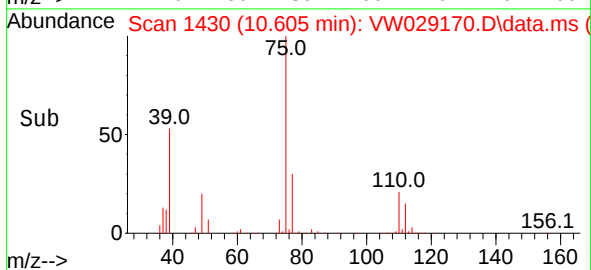
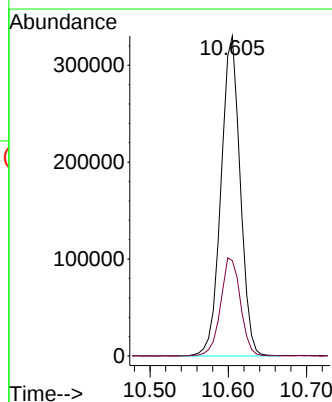
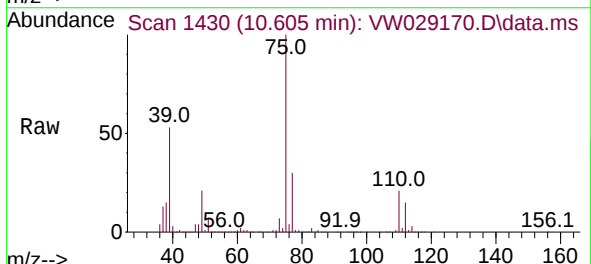
Instrument :
MSVOA_W
ClientSampleId :

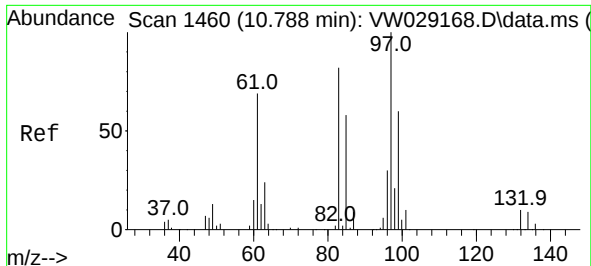
Tgt Ion: 91 Resp: 1600095
Ion Ratio Lower Upper
91 100
92 57.9 39.3 73.1



#44
trans-1,3-Dichloropropene
Concen: 111.212 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW029170.D
Acq: 18 Jun 2024 11:07

Tgt Ion: 75 Resp: 562771
Ion Ratio Lower Upper
75 100
77 29.8 22.7 42.1





#45

1,1,2-Trichloroethane

Concen: 96.388 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. -0.006 min

Lab File: VW029170.D

Acq: 18 Jun 2024 11:07

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 284607

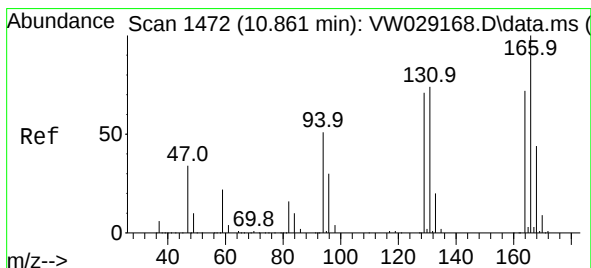
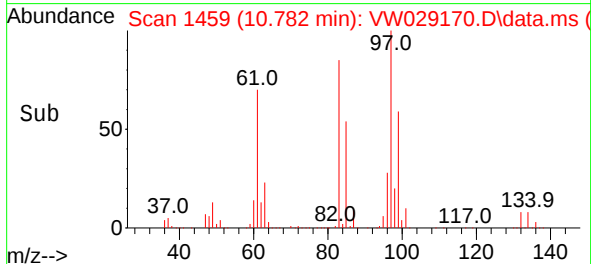
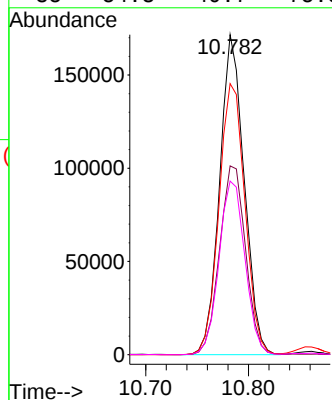
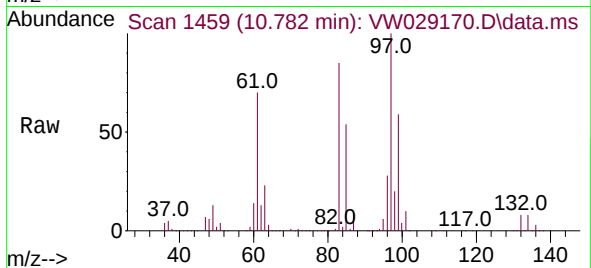
Ion Ratio Lower Upper

97 100

99 59.0 42.3 78.5

83 84.7 57.7 107.1

85 54.3 40.7 75.5



#46

Tetrachloroethene

Concen: 96.413 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VW029170.D

Acq: 18 Jun 2024 11:07

Tgt Ion:164 Resp: 271294

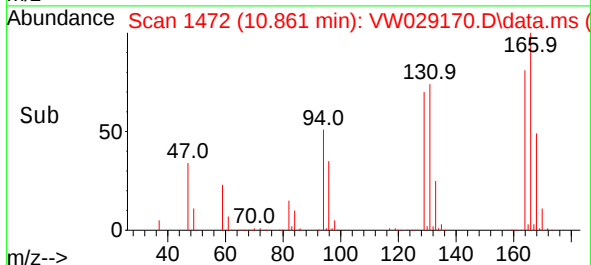
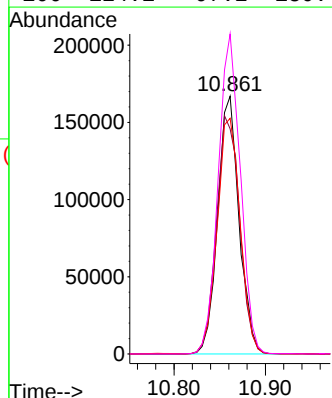
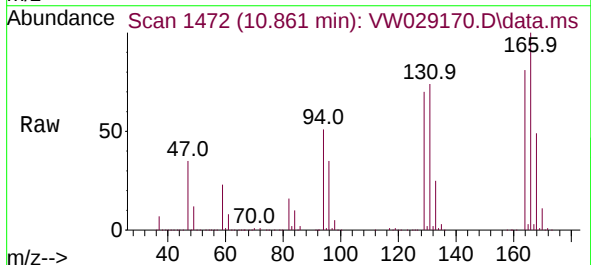
Ion Ratio Lower Upper

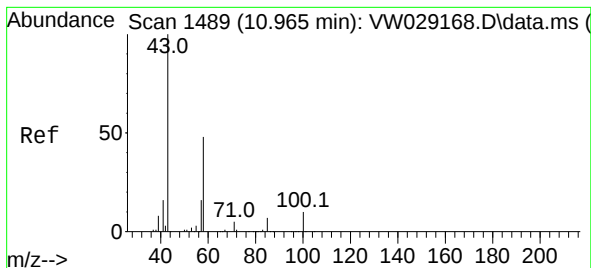
164 100

129 87.4 68.5 127.3

131 91.5 71.8 133.4

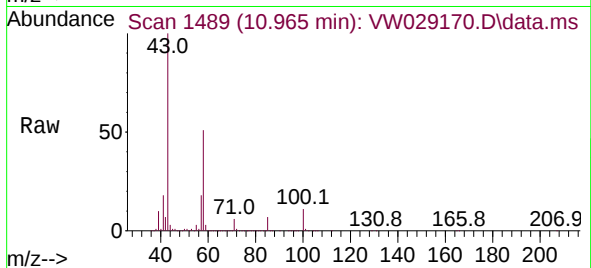
166 124.1 97.2 180.4



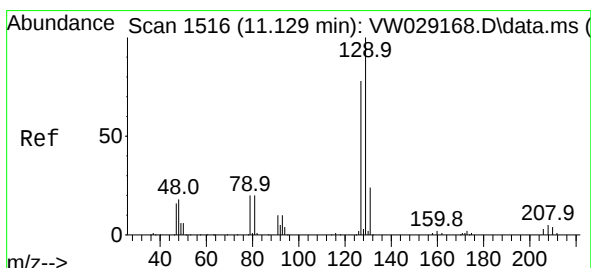
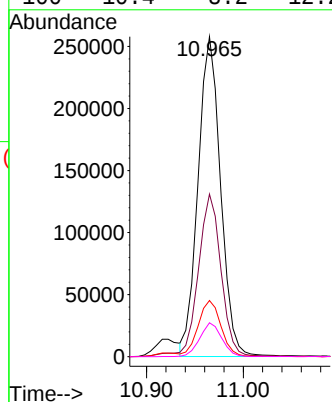
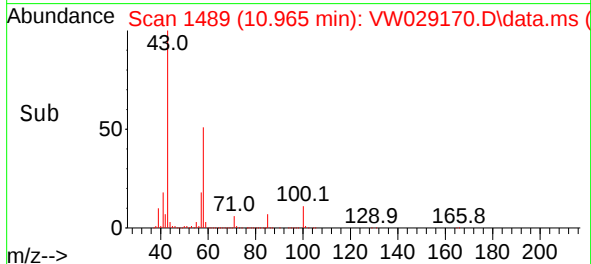


#48
2-Hexanone
Concen: 224.529 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW029170.D
Acq: 18 Jun 2024 11:07

Instrument :
MSVOA_W
ClientSampleId :

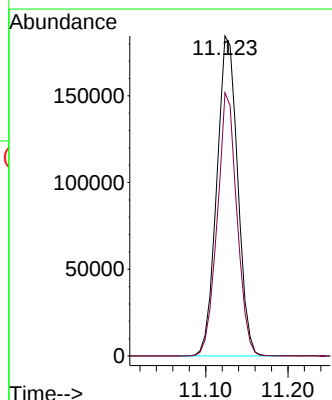
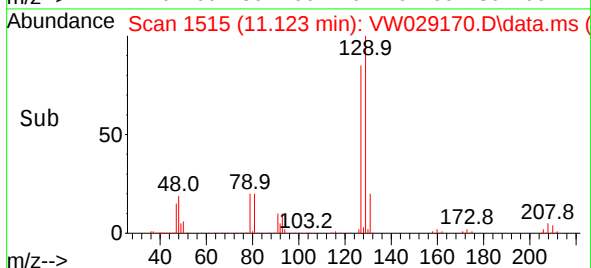
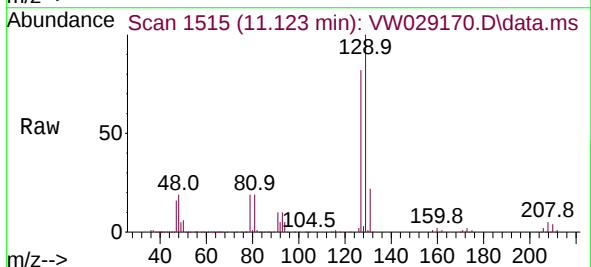


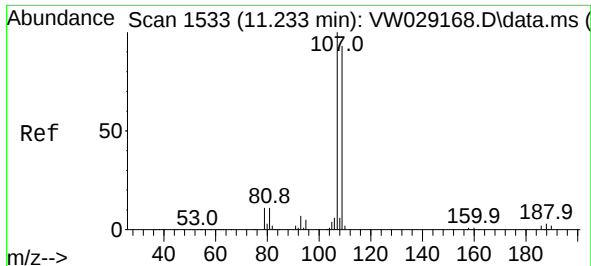
Tgt Ion: 43 Resp: 418651
Ion Ratio Lower Upper
43 100
58 50.3 39.6 59.4
57 17.8 14.6 21.8
100 10.4 8.2 12.2



#49
Dibromochloromethane
Concen: 105.179 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. -0.006 min
Lab File: VW029170.D
Acq: 18 Jun 2024 11:07

Tgt Ion:129 Resp: 324640
Ion Ratio Lower Upper
129 100
127 82.3 54.8 101.8

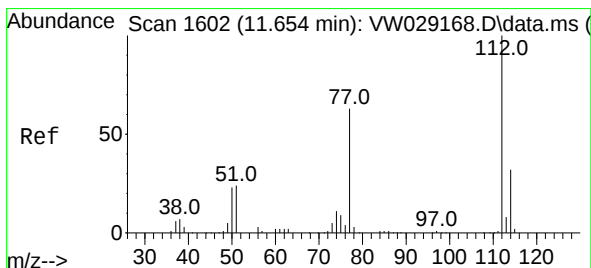
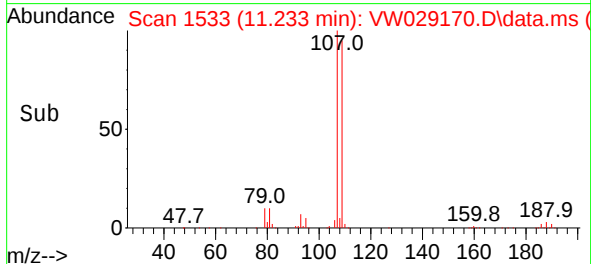
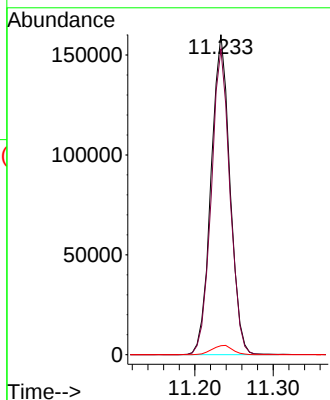
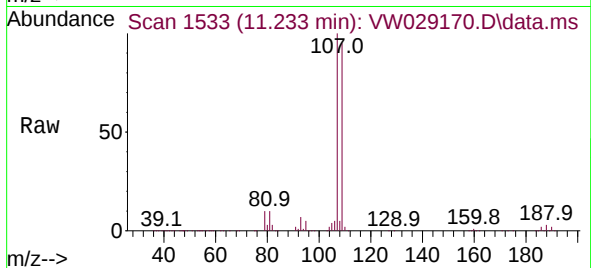




#50
1,2-Dibromoethane
Concen: 101.382 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. 0.000 min
Lab File: VW029170.D
Acq: 18 Jun 2024 11:07

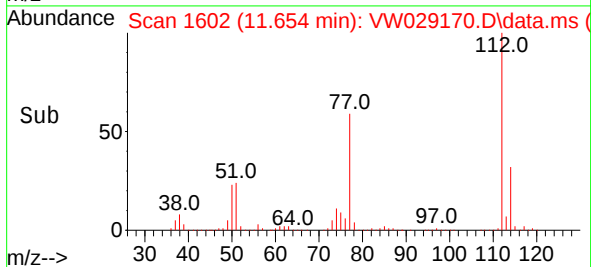
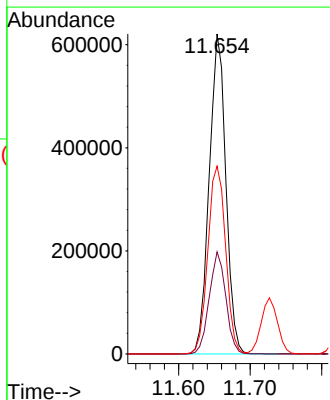
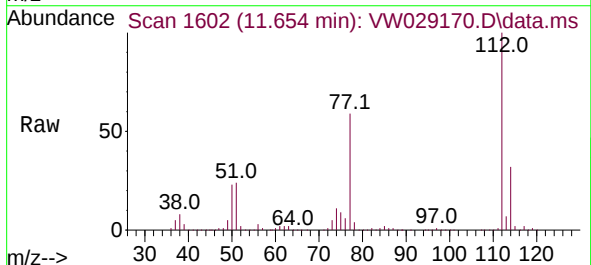
Instrument :
MSVOA_W
ClientSampleId :

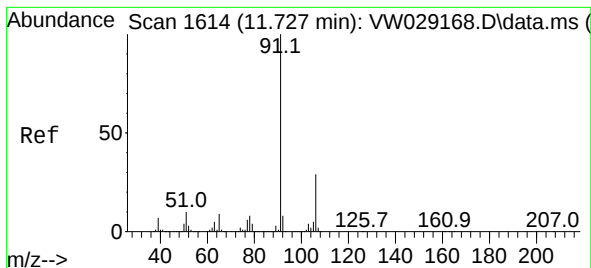
Tgt Ion:107 Resp: 268715
Ion Ratio Lower Upper
107 100
109 95.4 65.5 121.6
188 2.8 2.6 4.0



#51
Chlorobenzene
Concen: 99.654 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VW029170.D
Acq: 18 Jun 2024 11:07

Tgt Ion:112 Resp: 1003750
Ion Ratio Lower Upper
112 100
114 31.9 22.6 42.0
77 58.7 51.0 76.6

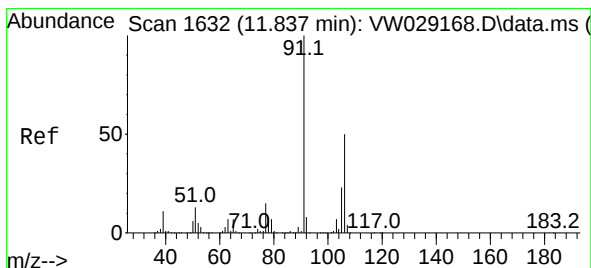
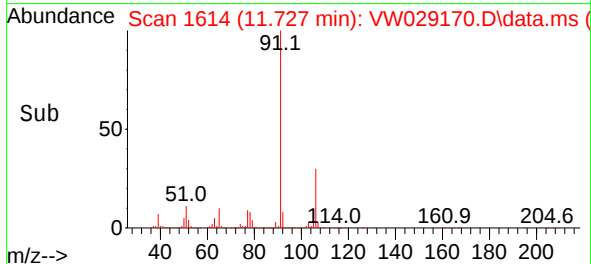
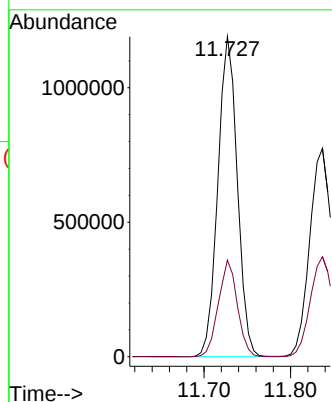
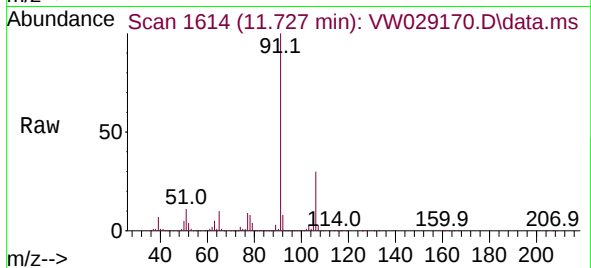




#52
Ethylbenzene
Concen: 105.412 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW029170.D
Acq: 18 Jun 2024 11:07

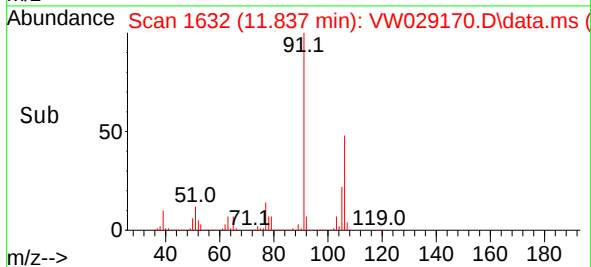
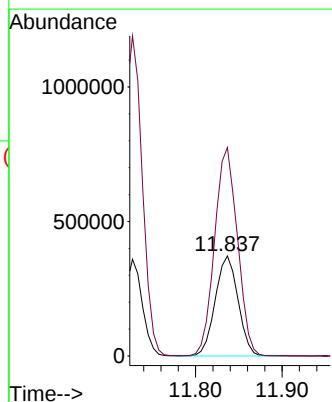
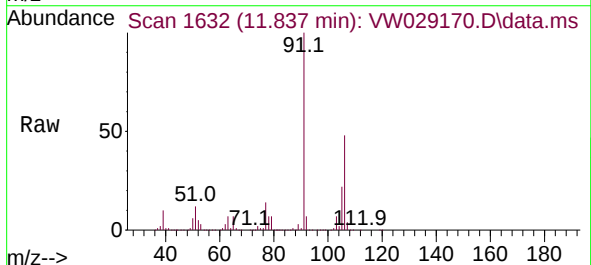
Instrument :
MSVOA_W
ClientSampleId :

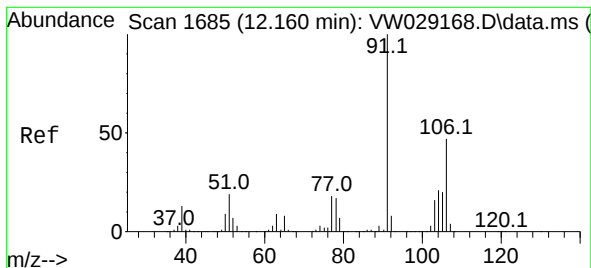
Tgt Ion: 91 Resp: 1855957
Ion Ratio Lower Upper
91 100
106 30.2 19.9 37.0



#53
m,p-Xylene
Concen: 105.589 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW029170.D
Acq: 18 Jun 2024 11:07

Tgt Ion:106 Resp: 679054
Ion Ratio Lower Upper
106 100
91 208.4 140.5 260.9





#54

o-Xylene

Concen: 109.477 ug/L

RT: 12.160 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW029170.D

Acq: 18 Jun 2024 11:07

Instrument :

MSVOA_W

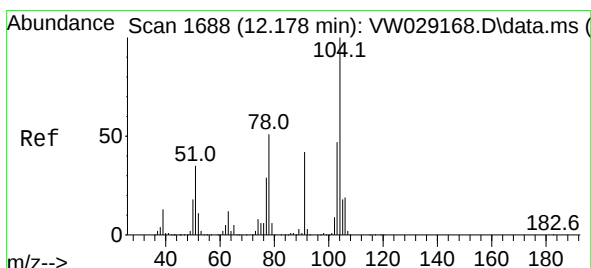
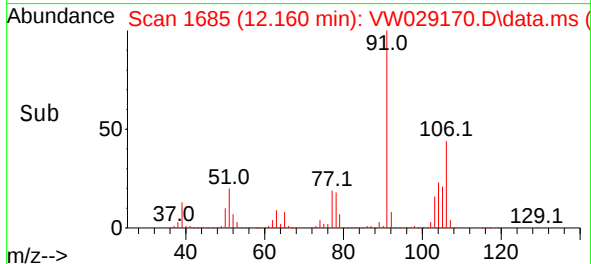
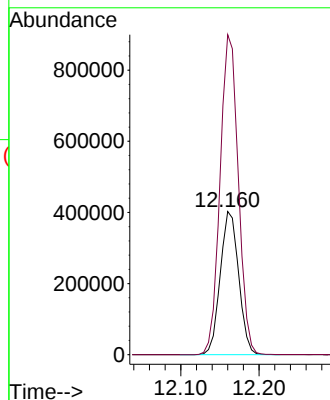
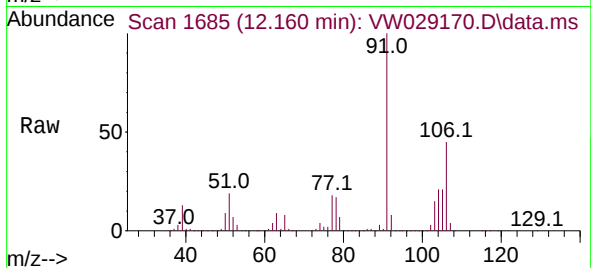
ClientSampleId :

Tgt Ion:106 Resp: 658006

Ion Ratio Lower Upper

106 100

91 223.4 149.9 278.5



#55

Styrene

Concen: 108.846 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. 0.000 min

Lab File: VW029170.D

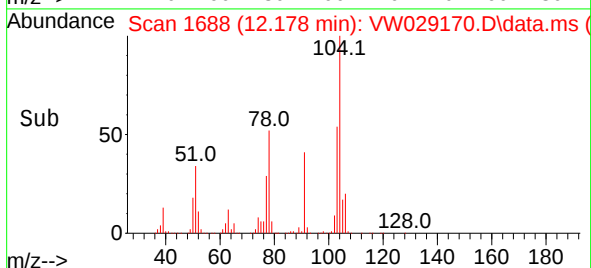
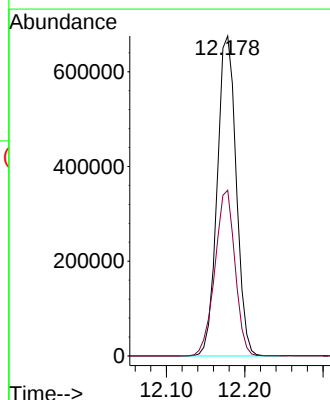
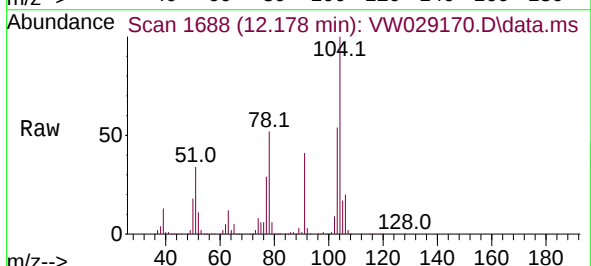
Acq: 18 Jun 2024 11:07

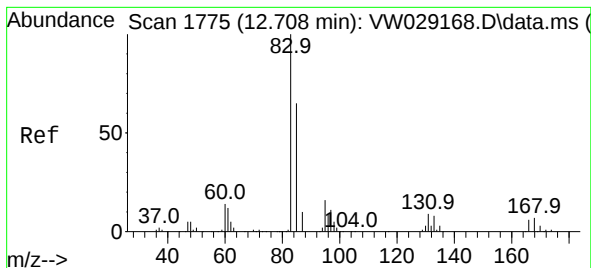
Tgt Ion:104 Resp: 1140661

Ion Ratio Lower Upper

104 100

78 51.8 35.4 65.7





#57

1,1,2,2-Tetrachloroethane

Concen: 97.918 ug/L

RT: 12.709 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW029170.D

Acq: 18 Jun 2024 11:07

Instrument :

MSVOA_W

ClientSampleId :

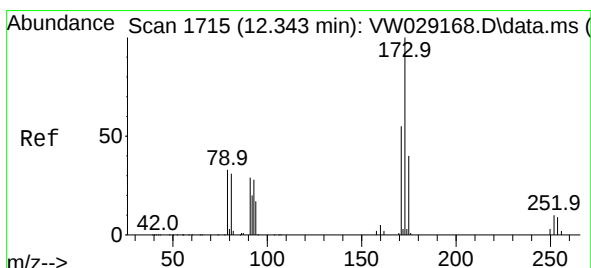
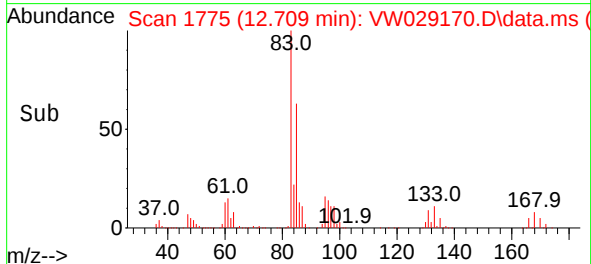
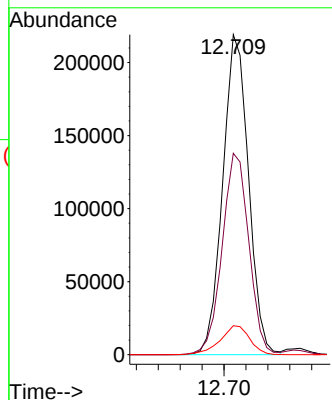
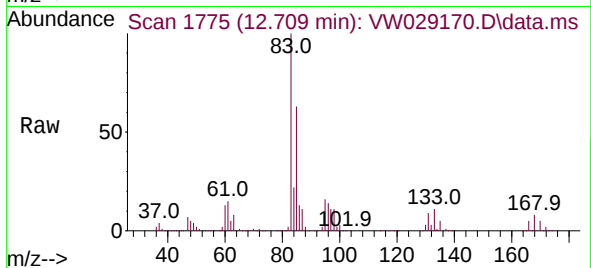
Tgt Ion: 83 Resp: 357637

Ion Ratio Lower Upper

83 100

85 63.0 45.8 85.0

131 9.1 7.8 11.6



#59

Bromoform

Concen: 103.776 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. 0.006 min

Lab File: VW029170.D

Acq: 18 Jun 2024 11:07

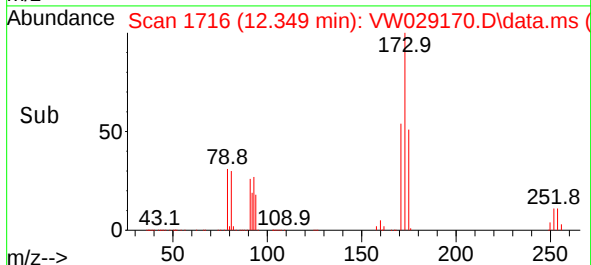
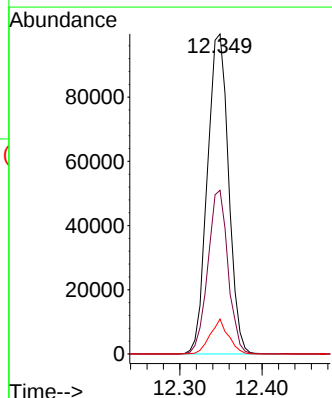
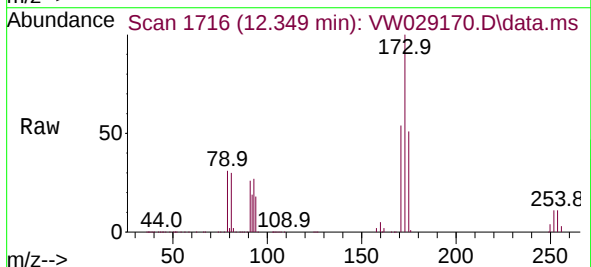
Tgt Ion:173 Resp: 178342

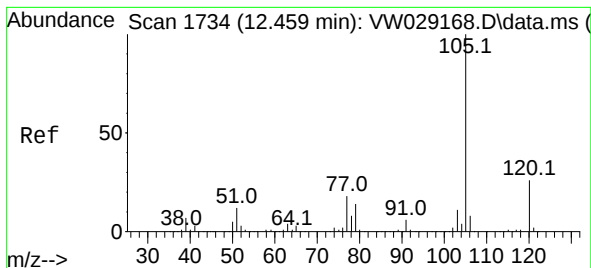
Ion Ratio Lower Upper

173 100

175 48.8 37.8 56.8

254 9.4 7.8 11.6





#60

Isopropylbenzene

Concen: 108.491 ug/L

RT: 12.465 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW029170.D

Acq: 18 Jun 2024 11:07

Instrument :

MSVOA_W

ClientSampleId :

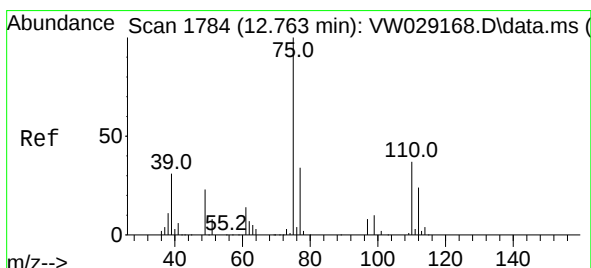
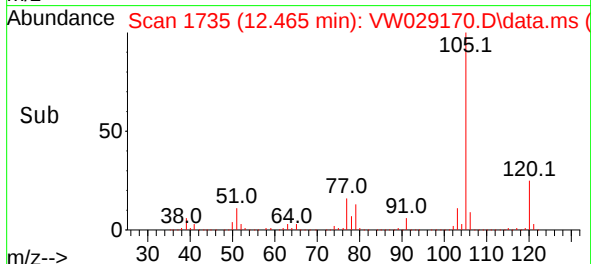
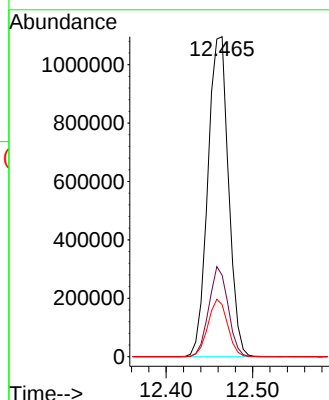
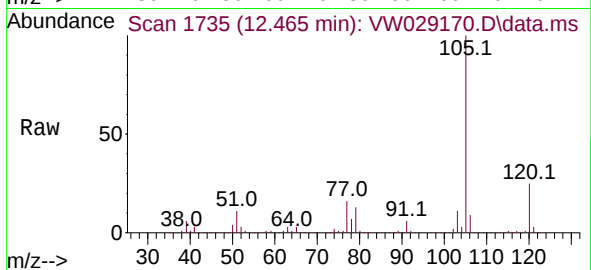
Tgt Ion:105 Resp: 1812605

Ion Ratio Lower Upper

105 100

120 26.2 20.5 30.7

77 17.0 13.6 20.4



#61

1,2,3-Trichloropropane

Concen: 96.141 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VW029170.D

Acq: 18 Jun 2024 11:07

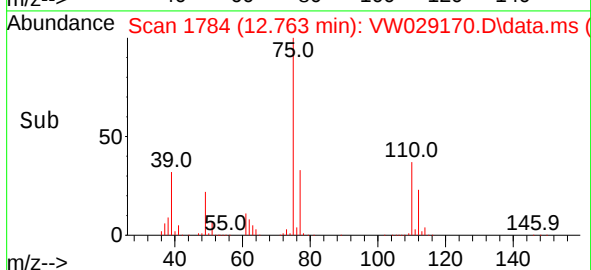
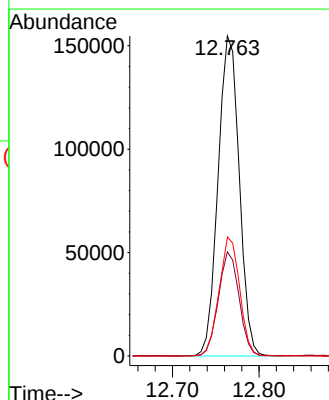
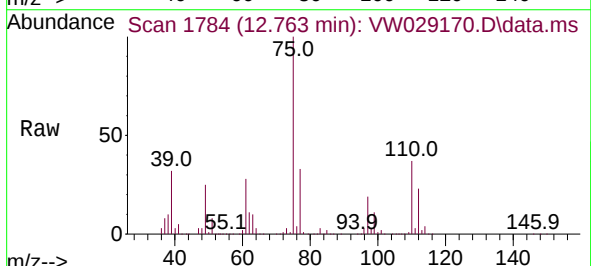
Tgt Ion: 75 Resp: 262938

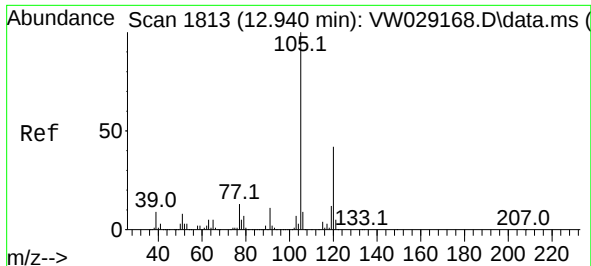
Ion Ratio Lower Upper

75 100

77 31.9 26.6 39.8

110 36.1 29.5 44.3





#62

1,3,5-Trimethylbenzene

Concen: 114.022 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. 0.000 min

Lab File: VW029170.D

Acq: 18 Jun 2024 11:07

Instrument :

MSVOA_W

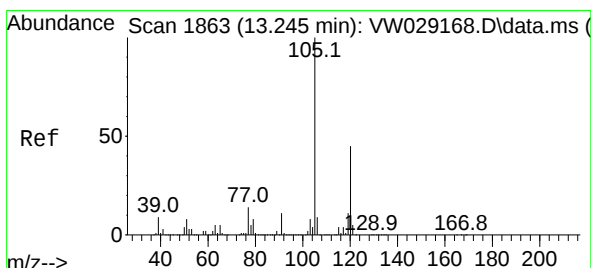
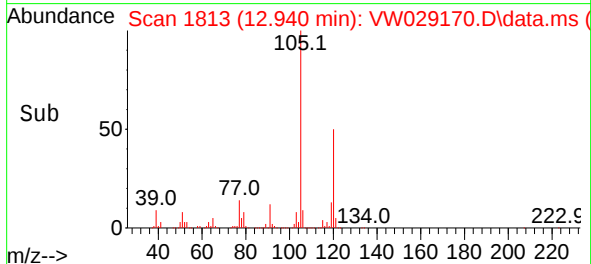
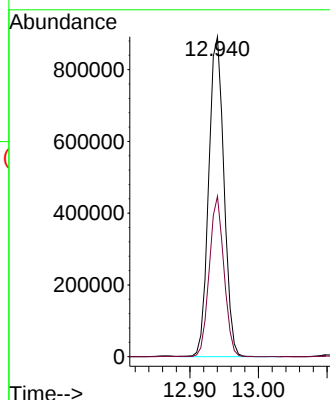
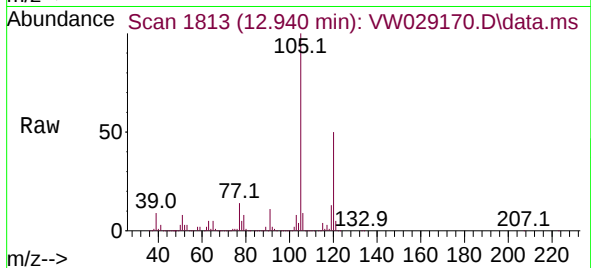
ClientSampleId :

Tgt Ion:105 Resp: 1379661

Ion Ratio Lower Upper

105 100

120 48.0 36.4 54.6



#63

1,2,4-Trimethylbenzene

Concen: 112.845 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. 0.000 min

Lab File: VW029170.D

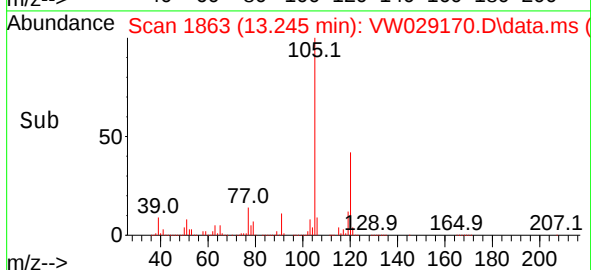
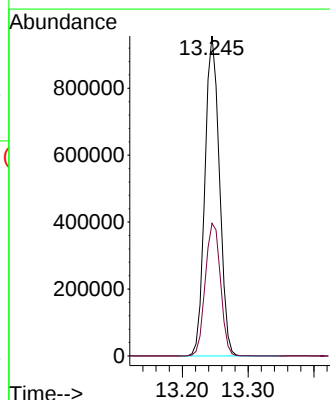
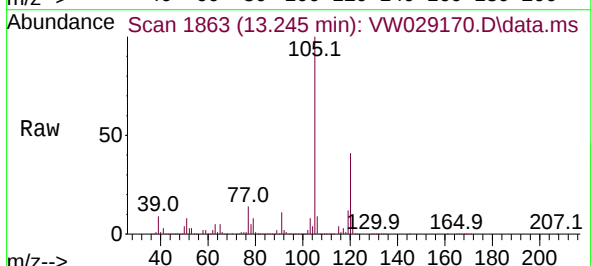
Acq: 18 Jun 2024 11:07

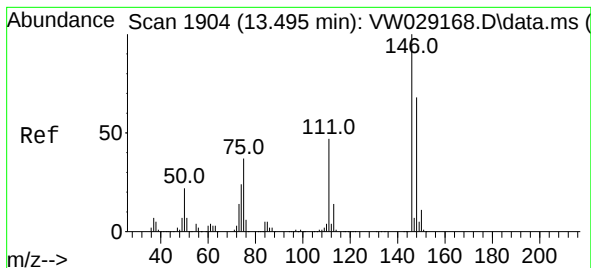
Tgt Ion:105 Resp: 1469106

Ion Ratio Lower Upper

105 100

120 43.4 34.9 52.3





#64

1,3-Dichlorobenzene

Concen: 101.992 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW029170.D

Acq: 18 Jun 2024 11:07

Instrument :

MSVOA_W

ClientSampleId :

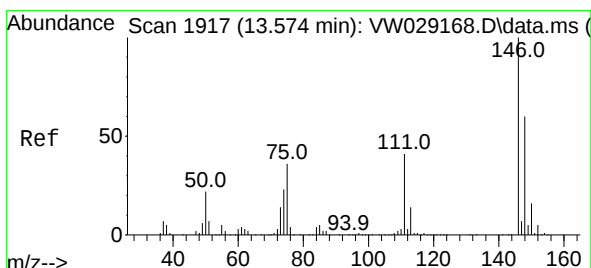
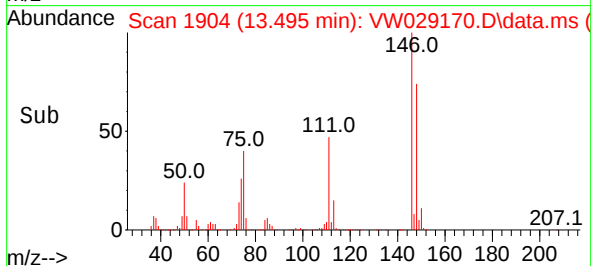
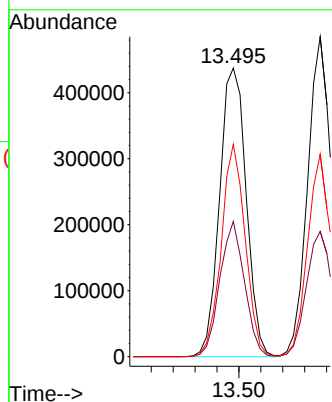
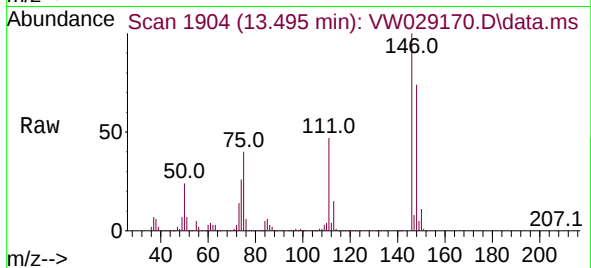
Tgt Ion:146 Resp: 737419

Ion Ratio Lower Upper

146 100

111 46.9 33.0 61.2

148 73.6 47.5 88.1



#65

1,4-Dichlorobenzene

Concen: 96.354 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW029170.D

Acq: 18 Jun 2024 11:07

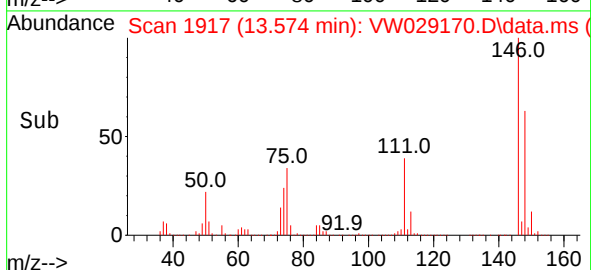
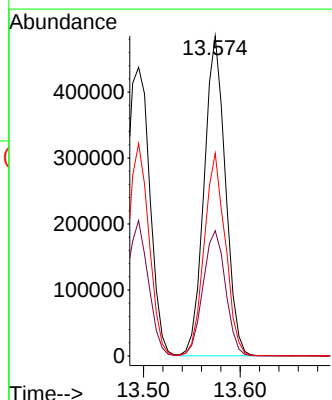
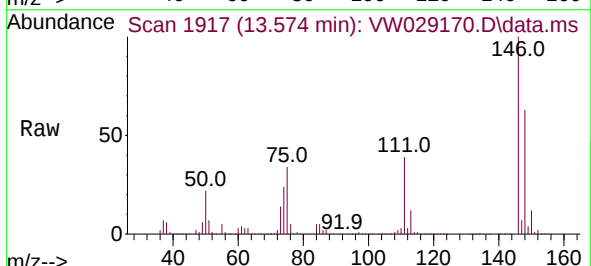
Tgt Ion:146 Resp: 741225

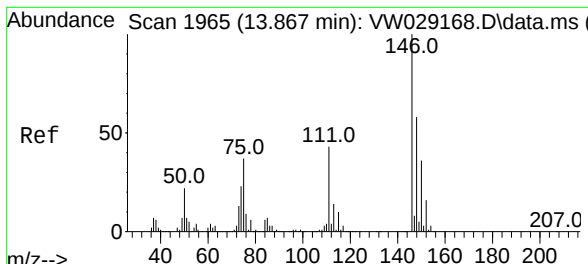
Ion Ratio Lower Upper

146 100

111 39.2 28.9 53.7

148 63.3 42.0 78.0

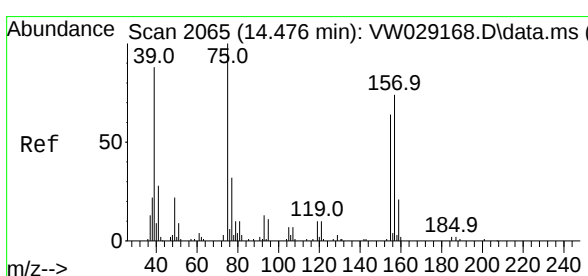
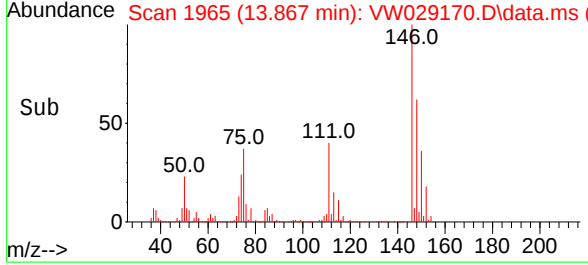
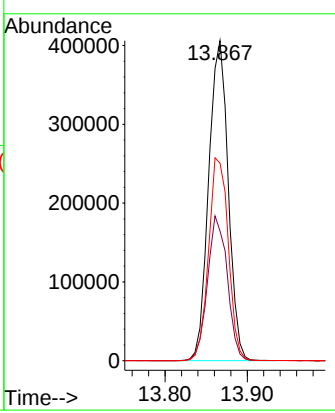
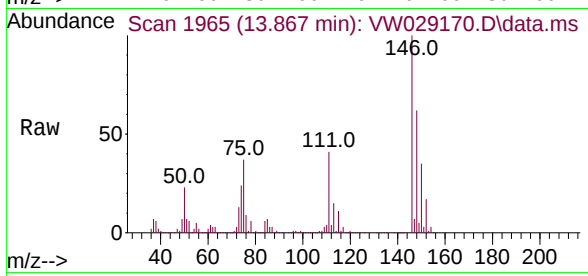




#67
 1,2-Dichlorobenzene
 Concen: 100.218 ug/L
 RT: 13.867 min Scan# 1965
 Delta R.T. 0.000 min
 Lab File: VW029170.D
 Acq: 18 Jun 2024 11:07

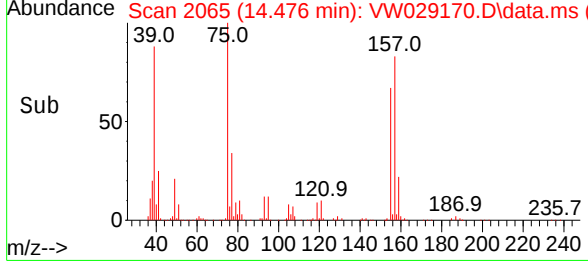
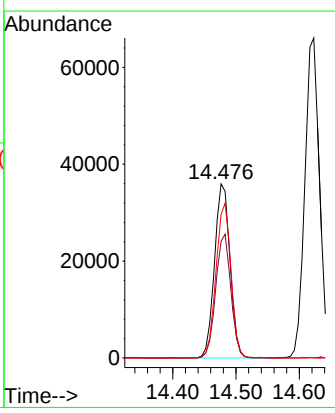
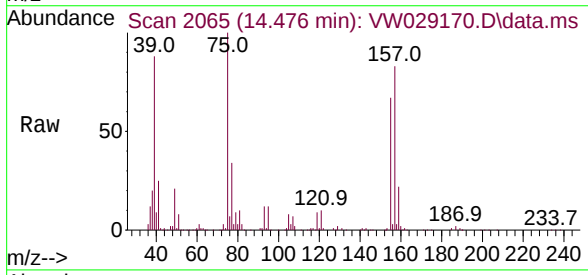
Instrument :
 MSVOA_W
 ClientSampleId :

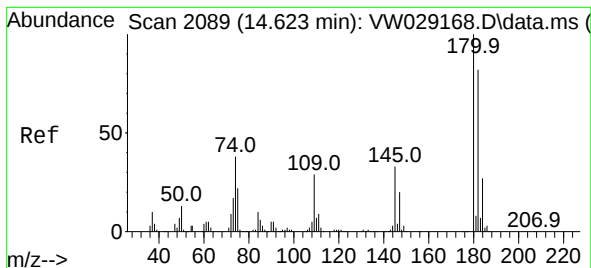
Tgt Ion:	146	Resp:	669868
Ion Ratio	Lower	Upper	
146	100		
111	40.5	34.2	51.4
148	61.8	46.3	69.5



#68
 1,2-Dibromo-3-chloropropane
 Concen: 95.473 ug/L
 RT: 14.476 min Scan# 2065
 Delta R.T. 0.000 min
 Lab File: VW029170.D
 Acq: 18 Jun 2024 11:07

Tgt Ion:	75	Resp:	60934
Ion Ratio	Lower	Upper	
75	100		
155	67.1	51.0	76.6
157	82.7	58.8	88.2





#69

1,3,5-Trichlorobenzene

Concen: 100.933 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

Lab File: VW029170.D

Acq: 18 Jun 2024 11:07

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:180 Resp: 492518

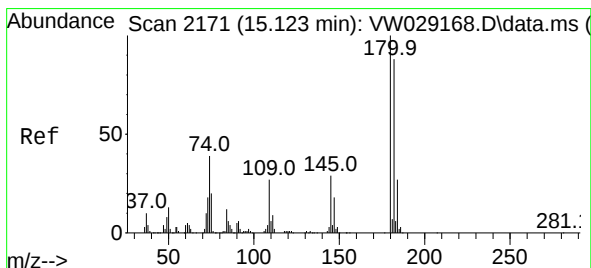
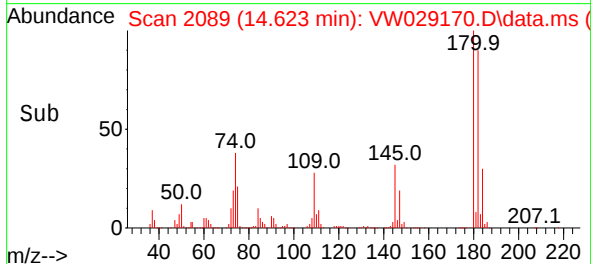
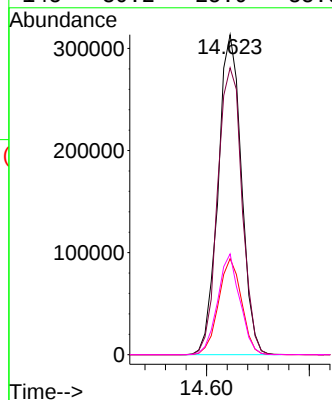
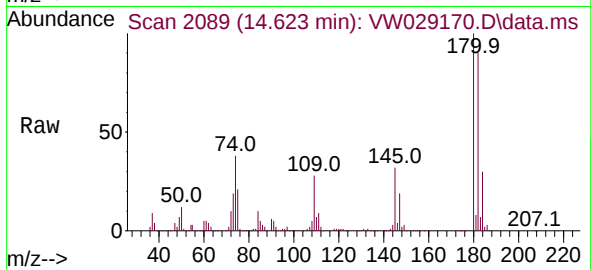
Ion Ratio Lower Upper

180 100

182 93.7 72.9 109.3

184 29.7 23.8 35.6

145 30.2 25.9 38.9



#70

1,2,4-trichlorobenzene

Concen: 108.242 ug/L

RT: 15.123 min Scan# 2171

Delta R.T. 0.000 min

Lab File: VW029170.D

Acq: 18 Jun 2024 11:07

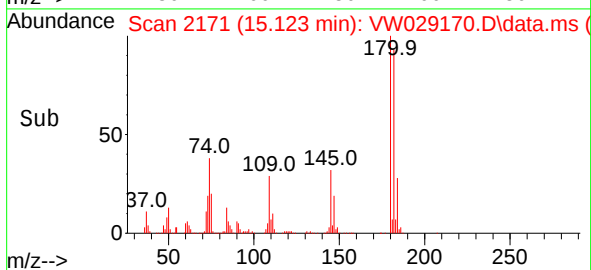
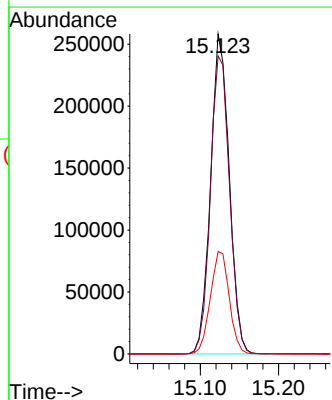
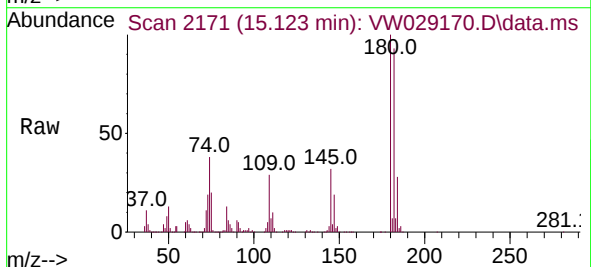
Tgt Ion:180 Resp: 428164

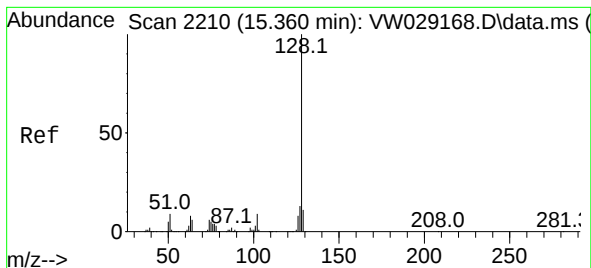
Ion Ratio Lower Upper

180 100

182 95.5 77.7 116.5

145 32.3 25.7 38.5





#71

Naphthalene

Concen: 118.356 ug/L

RT: 15.354 min Scan# 2210

Delta R.T. -0.006 min

Lab File: VW029170.D

Acq: 18 Jun 2024 11:07

Instrument :

MSVOA_W

ClientSampleId :

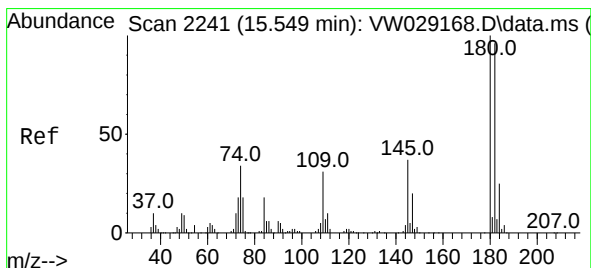
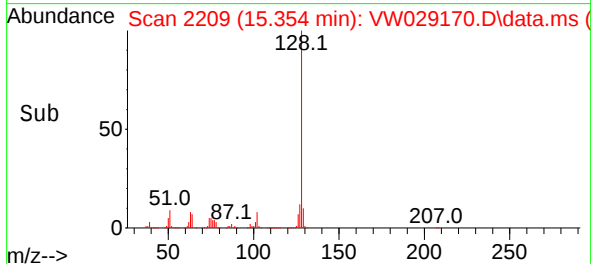
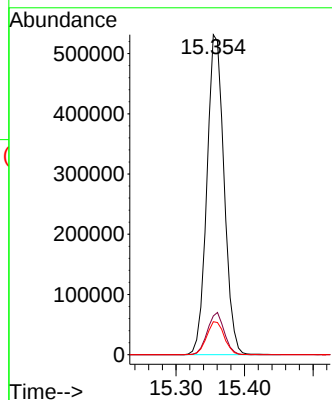
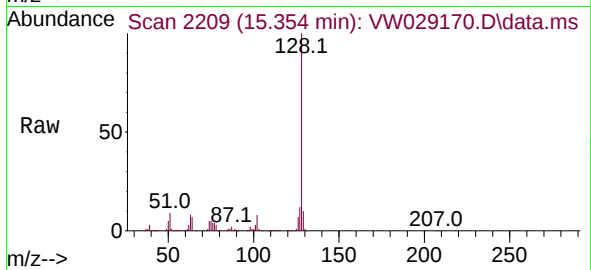
Tgt Ion:128 Resp: 924020

Ion Ratio Lower Upper

128 100

127 13.0 10.3 15.5

129 10.6 8.9 13.3



#72

1,2,3-Trichlorobenzene

Concen: 103.500 ug/L

RT: 15.543 min Scan# 2240

Delta R.T. -0.006 min

Lab File: VW029170.D

Acq: 18 Jun 2024 11:07

Tgt Ion:180 Resp: 373034

Ion Ratio Lower Upper

180 100

182 92.3 73.0 109.6

145 33.7 28.1 42.1

