

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV080224\
 Data File : VV036761.D
 Acq On : 02 Aug 2024 11:47
 Operator : SY/MD
 Sample : VSTD200
 Misc : 5.00mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 02 23:46:13 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080224WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 02 23:21:18 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.526	114	451918	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	439359	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	226758	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	677804	201.516	ug/L	0.00
7) Chloroethane-d5	1.529	69	556573	209.339	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.053	65	307359	206.631	ug/L	0.00
21) 2-Butanone-d5	3.789	46	826067	535.455	ug/L	0.00
24) Chloroform-d	4.239	84	1293907	207.879	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.934	65	833957	207.733	ug/L	0.00
32) Benzene-d6	4.950	84	2525855	198.892	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.982	67	815523	199.575	ug/L	0.00
41) Toluene-d8	7.236	98	2368951	205.565	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.545	79	448998	212.573	ug/L	0.00
47) 2-Hexanone-d5	8.021	63	580653	522.990	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.149	84	981190	213.293	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.558	152	869856	202.535	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.108	85	686028	208.591	ug/L	100
3) Chloromethane	1.217	50	738998	204.657	ug/L	100
5) Vinyl chloride	1.281	62	791849	210.750	ug/L	99
6) Bromomethane	1.484	94	505853	208.045	ug/L	98
8) Chloroethane	1.545	64	503437	212.787	ug/L	98
9) Trichlorofluoromethane	1.709	101	1068275	216.983	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	643171	219.664	ug/L	99
12) 1,1-Dichloroethene	2.063	96	596238	212.945	ug/L	94
13) Acetone	2.111	43	746071	480.831	ug/L	99
14) Carbon disulfide	2.233	76	1819412	206.144	ug/L	99
15) Methyl Acetate	2.368	43	686537	217.012	ug/L	99
16) Methylene chloride	2.439	84	656800	207.351	ug/L	100
17) trans-1,2-Dichloroethene	2.683	96	626745	215.186	ug/L	98
18) Methyl tert-butyl Ether	2.706	73	2195524	215.120	ug/L	100
19) 1,1-Dichloroethane	3.101	63	1249163	212.499	ug/L	99
20) cis-1,2-Dichloroethene	3.802	96	725134	210.333	ug/L	98
22) 2-Butanone	3.870	43	973098	499.054	ug/L	98
23) Bromochloromethane	4.133	128	350256	210.390	ug/L	96
25) Chloroform	4.265	83	1274582	208.620	ug/L	99
27) 1,2-Dichloroethane	5.034	62	1036044	218.831	ug/L	99
29) Cyclohexane	4.567	56	1161400	210.957	ug/L	99
30) 1,1,1-Trichloroethane	4.500	97	1141456	209.508	ug/L	99
31) Carbon tetrachloride	4.722	117	969107	211.586	ug/L	99
33) Benzene	4.998	78	2693960	207.962	ug/L	100
34) Trichloroethene	5.821	95	802066	213.561	ug/L	98
35) Methylcyclohexane	6.040	83	1230254	216.107	ug/L	100
37) 1,2-Dichloropropane	6.085	63	732791	214.840	ug/L	99
38) Bromodichloromethane	6.426	83	1008355	213.117	ug/L	99
39) cis-1,3-Dichloropropene	6.947	75	1277432	215.456	ug/L	100
40) 4-Methyl-2-pentanone	7.156	43	1890012	458.259	ug/L	99
42) Toluene	7.307	91	2909335	212.221	ug/L	98
44) trans-1,3-Dichloropropene	7.574	75	1211147	220.372	ug/L	99

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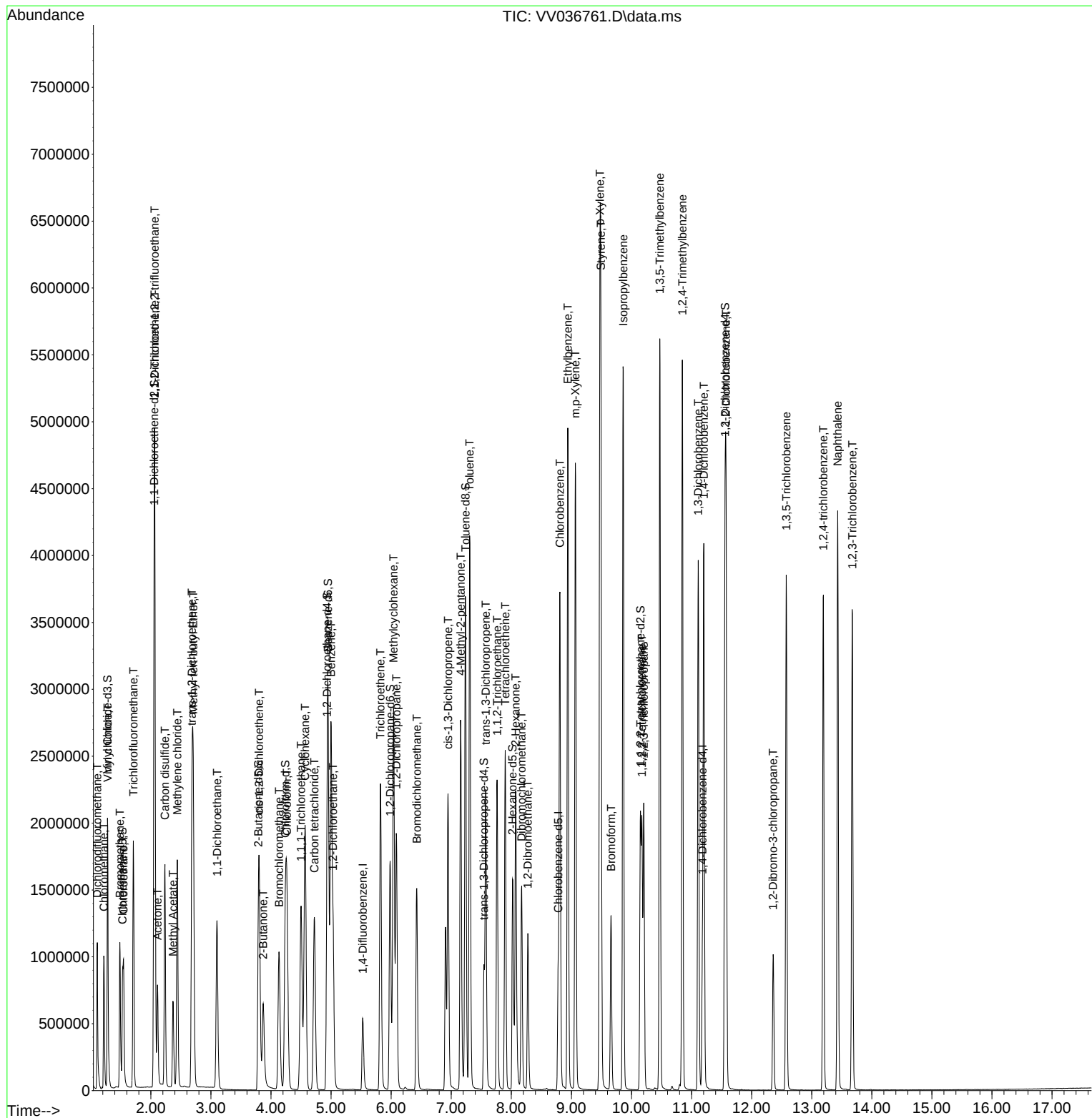
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.763	97	694791	212.284	ug/L	99
46) Tetrachloroethene	7.899	164	525340	215.209	ug/L	100
48) 2-Hexanone	8.072	43	1488629	479.226	ug/L	99
49) Dibromochloromethane	8.172	129	744726	216.948	ug/L	98
50) 1,2-Dibromoethane	8.275	107	740044	213.875	ug/L	98
51) Chlorobenzene	8.808	112	1875670	211.290	ug/L	99
52) Ethylbenzene	8.940	91	3371538	213.290	ug/L	99
53) m,p-Xylene	9.066	106	1278425	220.674	ug/L	98
54) o-Xylene	9.474	106	1241435	215.332	ug/L	99
55) Styrene	9.490	104	2179066	220.863	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.175	83	951292	216.266	ug/L	100
59) Bromoform	9.661	173	546374	222.412	ug/L	99
60) Isopropylbenzene	9.863	105	3375273	209.502	ug/L	99
61) 1,2,3-Trichloropropane	10.204	75	847628	216.468	ug/L	99
62) 1,3,5-Trimethylbenzene	10.471	105	2870220	212.661	ug/L	99
63) 1,2,4-Trimethylbenzene	10.847	105	2858553	213.053	ug/L	100
64) 1,3-Dichlorobenzene	11.111	146	1475780	210.804	ug/L	98
65) 1,4-Dichlorobenzene	11.204	146	1487095	208.393	ug/L	100
67) 1,2-Dichlorobenzene	11.574	146	1422591	208.229	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.358	75	261677	233.551	ug/L	97
69) 1,3,5-Trichlorobenzene	12.577	180	1068763	218.601	ug/L	99
70) 1,2,4-trichlorobenzene	13.194	180	1020273	218.501	ug/L	99
71) Naphthalene	13.432	128	3188667	218.194	ug/L	100
72) 1,2,3-Trichlorobenzene	13.676	180	994399	219.058	ug/L	100

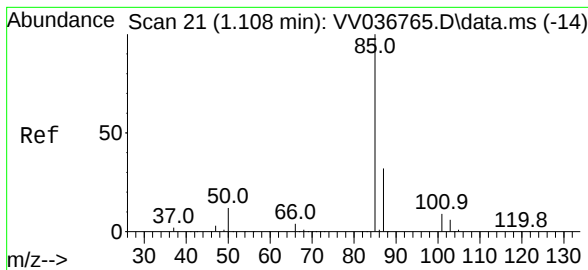
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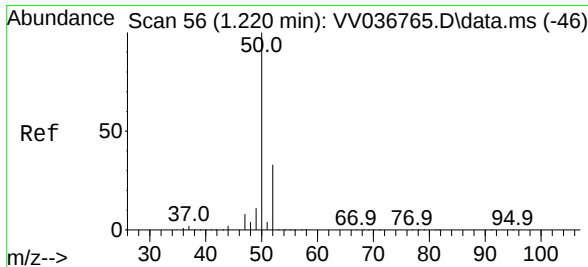
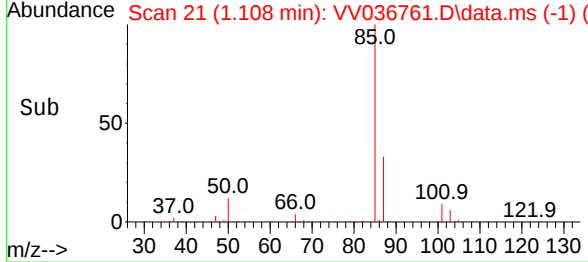
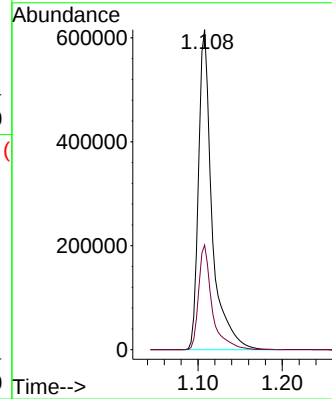
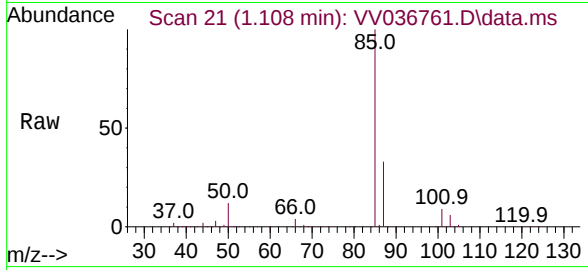




#2
 Dichlorodifluoromethane
 Concen: 208.591 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV036761.D
 Acq: 02 Aug 2024 11:47

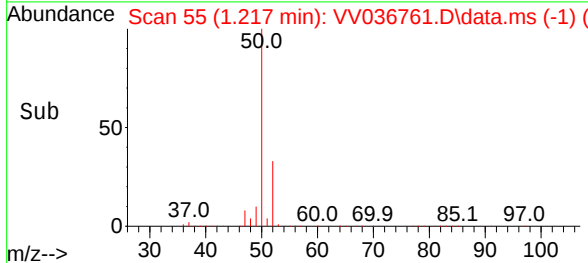
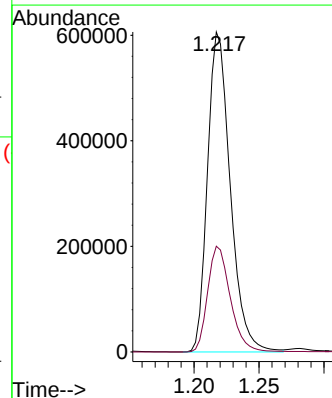
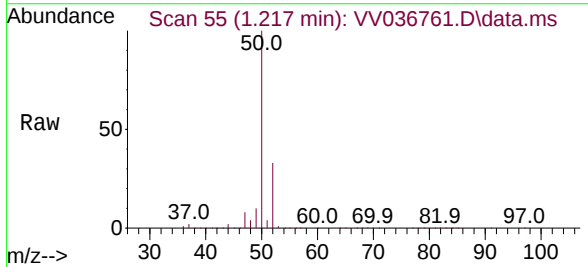
Instrument :
 MSVOA_V
 ClientSampleId :

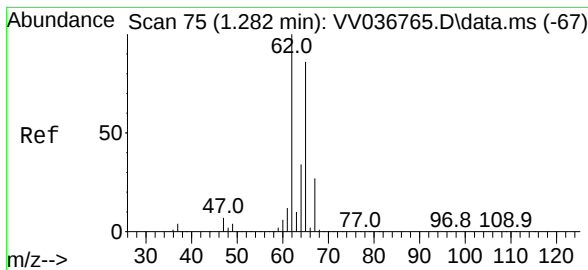
Tgt Ion: 85 Resp: 686028
 Ion Ratio Lower Upper
 85 100
 87 32.6 25.9 38.9



#3
 Chloromethane
 Concen: 204.657 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. -0.003 min
 Lab File: VV036761.D
 Acq: 02 Aug 2024 11:47

Tgt Ion: 50 Resp: 738998
 Ion Ratio Lower Upper
 50 100
 52 33.0 23.0 42.8

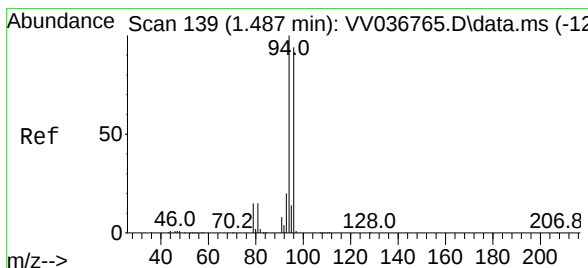
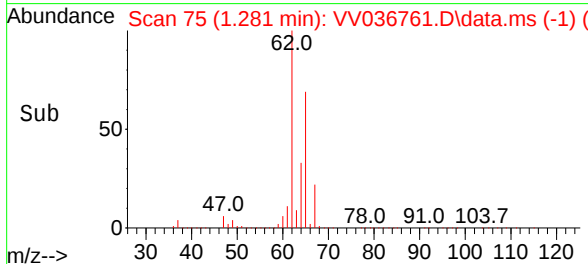
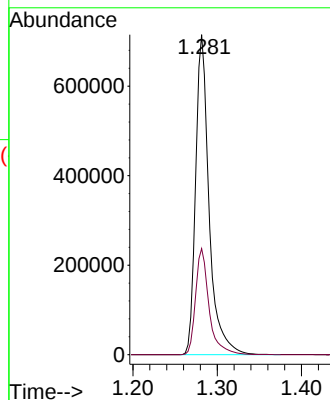
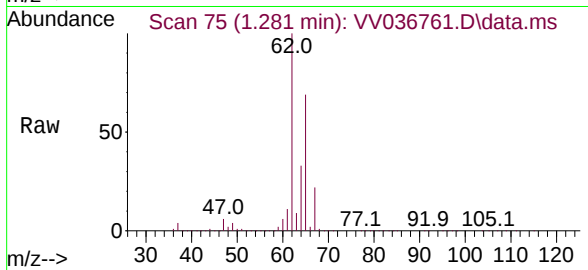




#5
 Vinyl chloride
 Concen: 210.750 ug/L
 RT: 1.281 min Scan# 75
 Delta R.T. -0.000 min
 Lab File: VV036761.D
 Acq: 02 Aug 2024 11:47

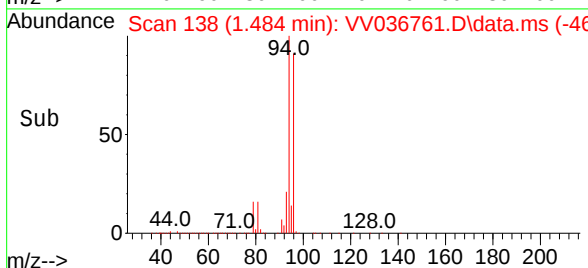
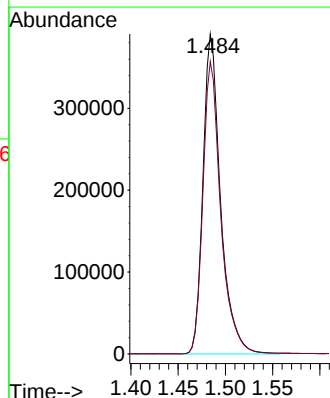
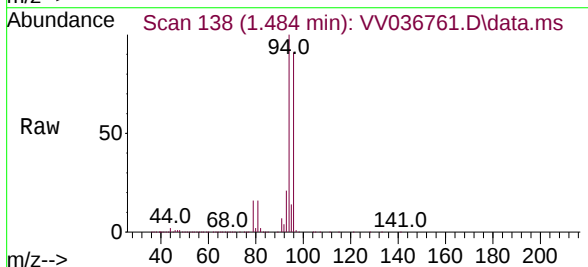
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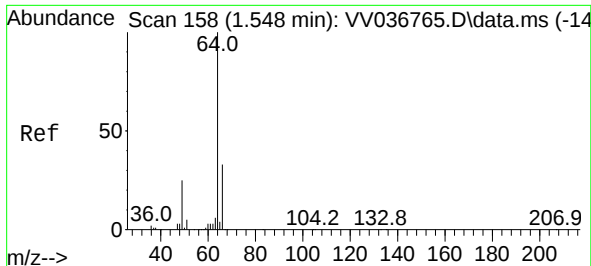
Tgt Ion: 62 Resp: 791849
 Ion Ratio Lower Upper
 62 100
 64 33.1 23.6 43.8



#6
 Bromomethane
 Concen: 208.045 ug/L
 RT: 1.484 min Scan# 138
 Delta R.T. -0.003 min
 Lab File: VV036761.D
 Acq: 02 Aug 2024 11:47

Tgt Ion: 94 Resp: 505853
 Ion Ratio Lower Upper
 94 100
 96 91.4 65.5 121.7

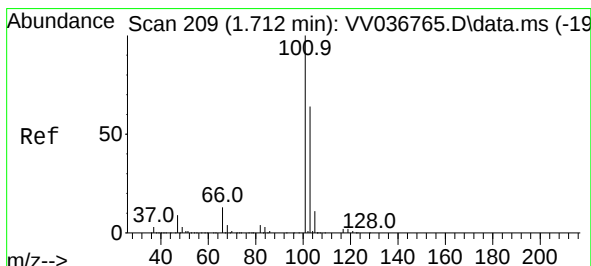
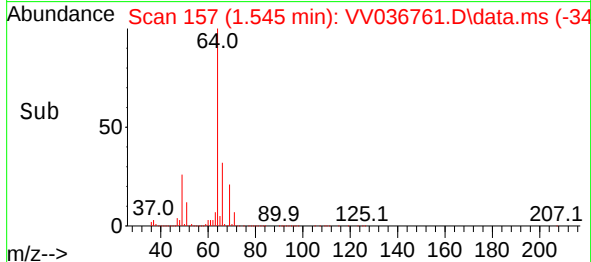
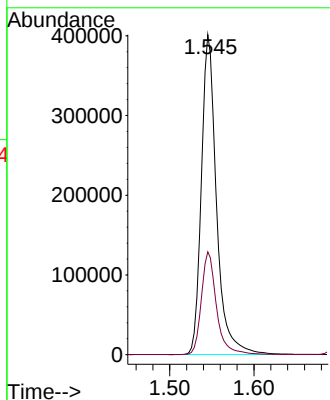
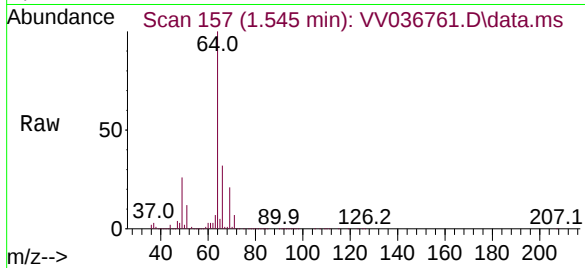




#8
Chloroethane
Concen: 212.787 ug/L
RT: 1.545 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV036761.D
Acq: 02 Aug 2024 11:47

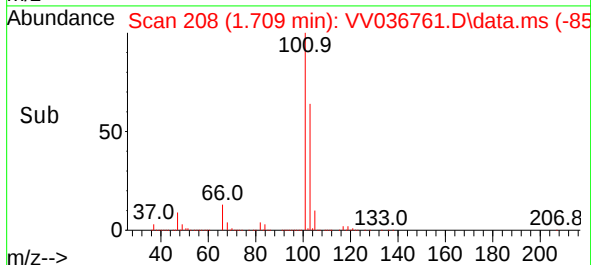
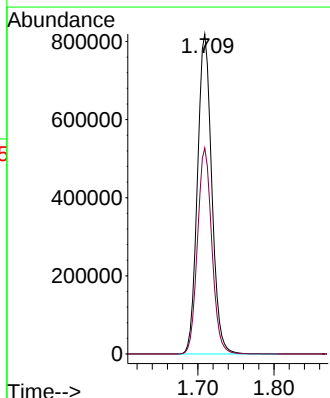
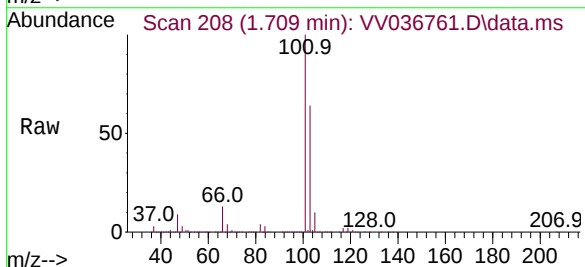
Instrument :
MSVOA_V
ClientSampleId :

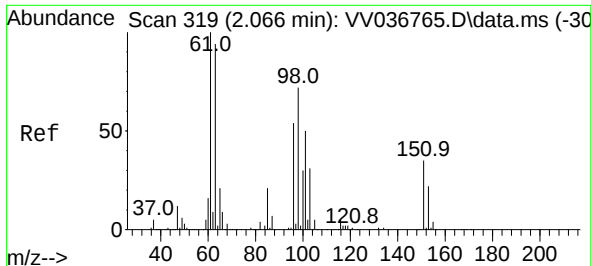
Tgt Ion: 64 Resp: 503437
Ion Ratio Lower Upper
64 100
66 32.2 23.2 43.0



#9
Trichlorofluoromethane
Concen: 216.983 ug/L
RT: 1.709 min Scan# 208
Delta R.T. -0.003 min
Lab File: VV036761.D
Acq: 02 Aug 2024 11:47

Tgt Ion:101 Resp: 1068275
Ion Ratio Lower Upper
101 100
103 64.6 51.4 77.0





#10

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

Concen: 219.664 ug/L

RT: 2.063 min Scan# 319

Delta R.T. -0.003 min

Lab File: VV036761.D

Acq: 02 Aug 2024 11:47

Instrument :

MSVOA_V

ClientSampleId :

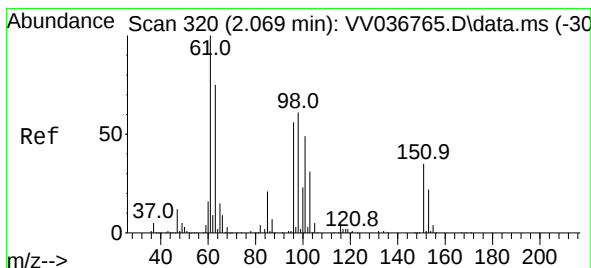
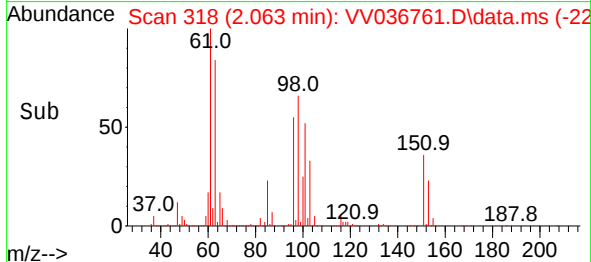
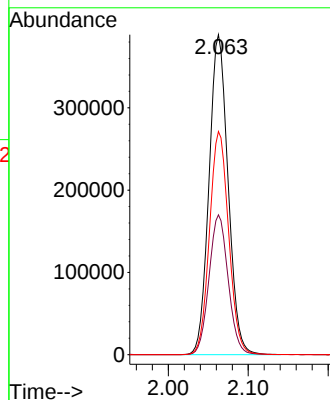
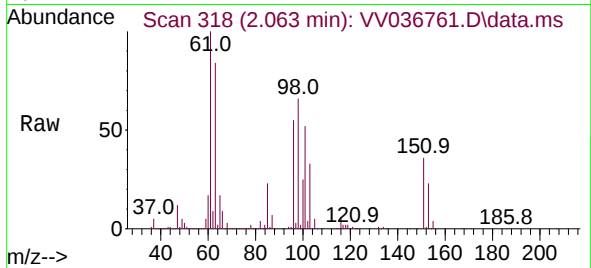
Tgt Ion:101 Resp: 643171

Ion Ratio Lower Upper

101 100

85 43.8 34.6 51.8

151 70.2 55.9 83.9



#12

1,1-Dichloroethene

Concen: 212.945 ug/L

RT: 2.063 min Scan# 318

Delta R.T. -0.007 min

Lab File: VV036761.D

Acq: 02 Aug 2024 11:47

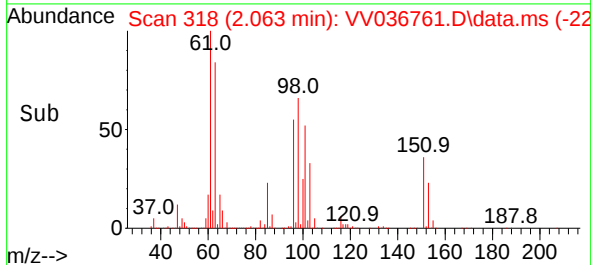
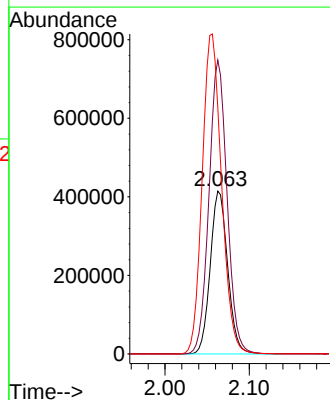
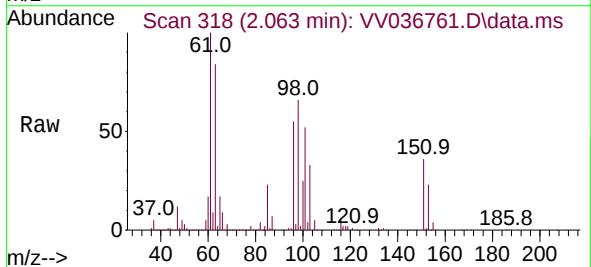
Tgt Ion: 96 Resp: 596238

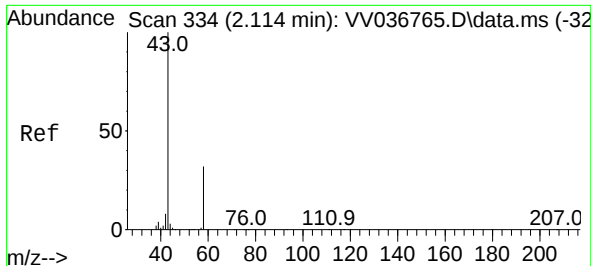
Ion Ratio Lower Upper

96 100

61 180.5 125.6 233.2

63 151.3 95.1 176.7

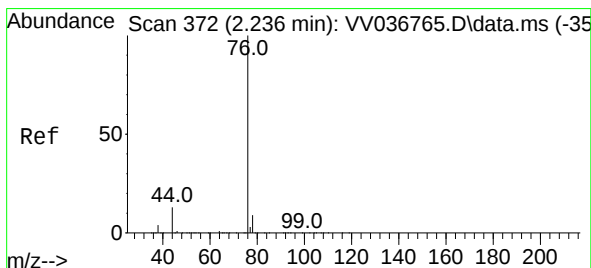
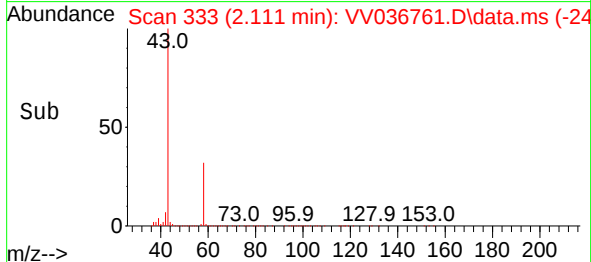
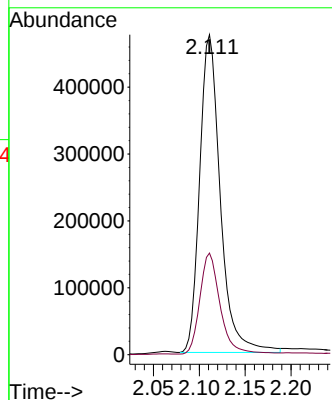
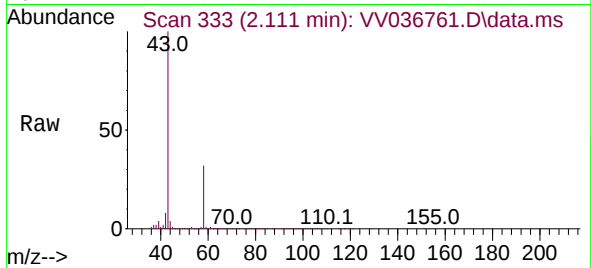




#13
Acetone
Concen: 480.831 ug/L
RT: 2.111 min Scan# 34
Delta R.T. -0.003 min
Lab File: VV036761.D
Acq: 02 Aug 2024 11:47

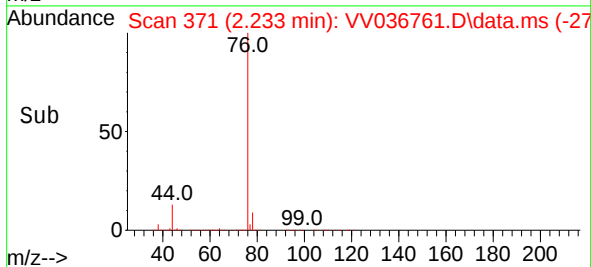
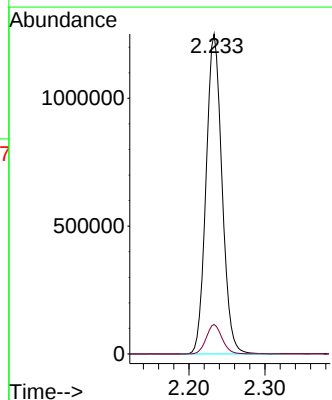
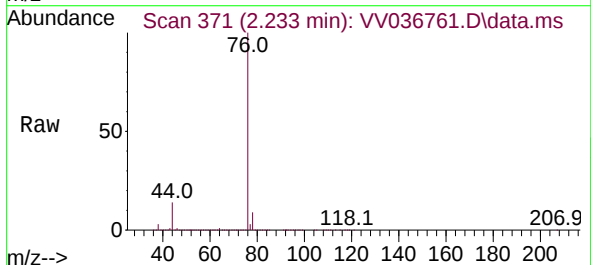
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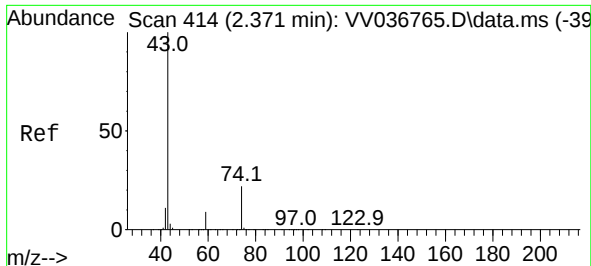
Tgt Ion: 43 Resp: 746071
Ion Ratio Lower Upper
43 100
58 31.2 0.0 63.4



#14
Carbon disulfide
Concen: 206.144 ug/L
RT: 2.233 min Scan# 371
Delta R.T. -0.003 min
Lab File: VV036761.D
Acq: 02 Aug 2024 11:47

Tgt Ion: 76 Resp: 1819412
Ion Ratio Lower Upper
76 100
78 9.2 7.1 10.7





#15

Methyl Acetate

Concen: 217.012 ug/L

RT: 2.368 min Scan# 41

Delta R.T. -0.003 min

Lab File: VV036761.D

Acq: 02 Aug 2024 11:47

Instrument :

MSVOA_V

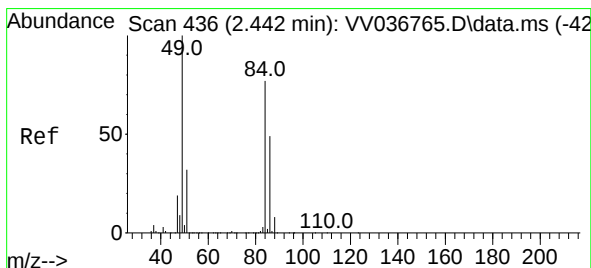
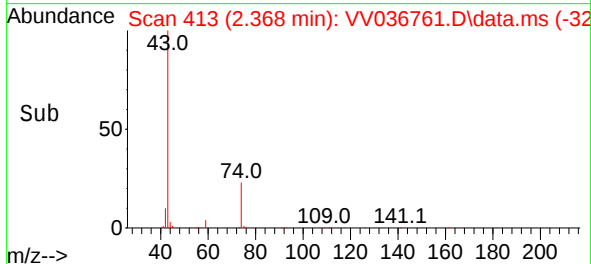
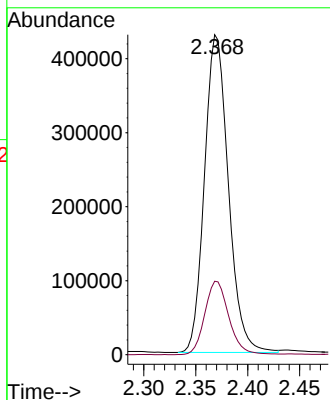
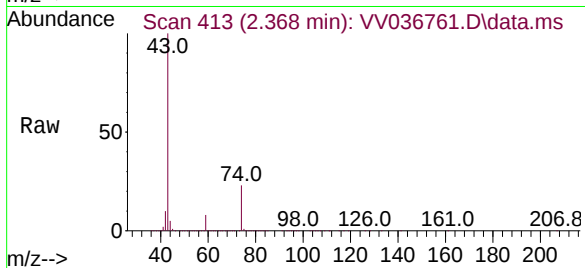
ClientSampleId :

Tgt Ion: 43 Resp: 686537

Ion Ratio Lower Upper

43 100

74 23.2 19.0 28.4



#16

Methylene chloride

Concen: 207.351 ug/L

RT: 2.439 min Scan# 435

Delta R.T. -0.003 min

Lab File: VV036761.D

Acq: 02 Aug 2024 11:47

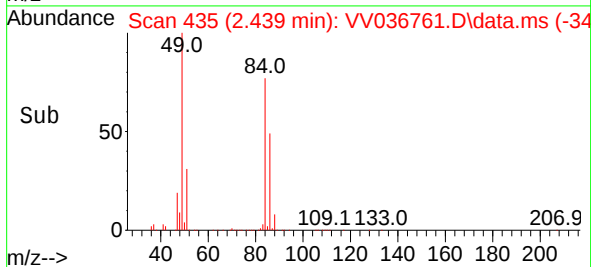
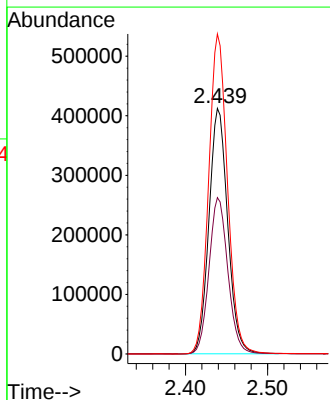
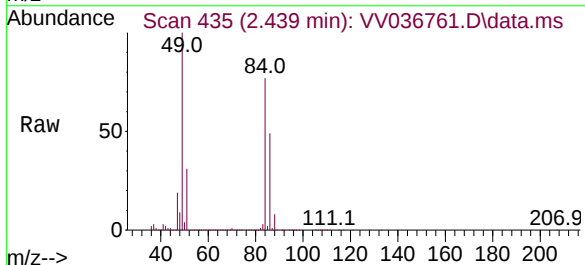
Tgt Ion: 84 Resp: 656800

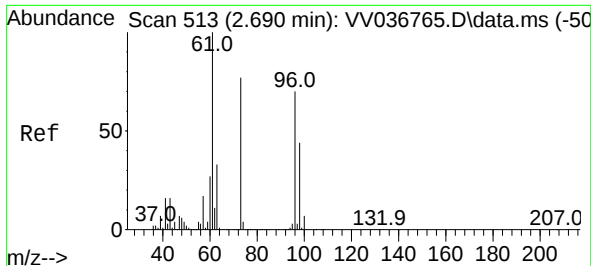
Ion Ratio Lower Upper

84 100

86 63.6 44.3 82.3

49 130.2 91.1 169.1





#17

trans-1,2-Dichloroethene

Concen: 215.186 ug/L

RT: 2.683 min Scan# 511

Delta R.T. -0.007 min

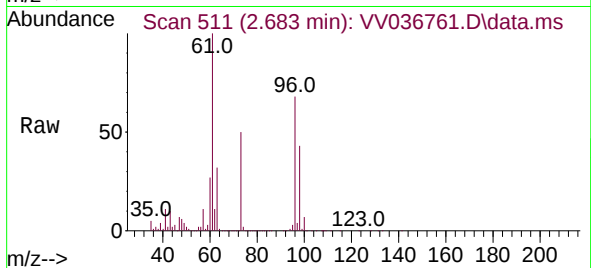
Lab File: VV036761.D

Acq: 02 Aug 2024 11:47

Instrument :

MSVOA_V

ClientSampleId :



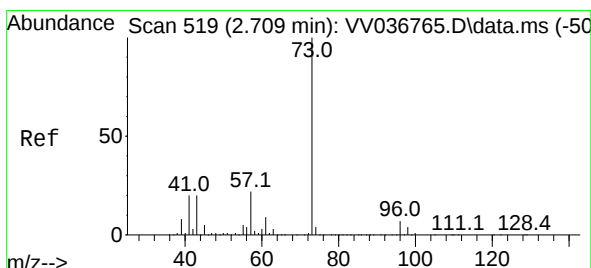
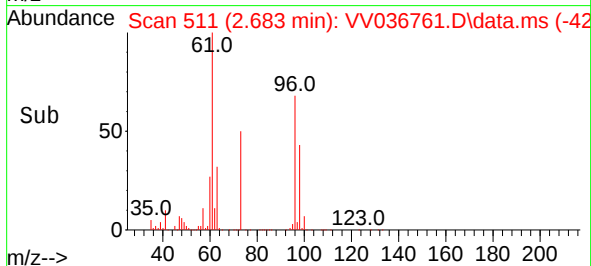
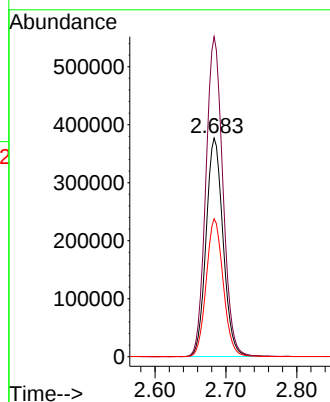
Tgt Ion: 96 Resp: 626745

Ion Ratio Lower Upper

96 100

61 146.4 100.0 185.8

98 63.1 44.0 81.8



#18

Methyl tert-butyl Ether

Concen: 215.120 ug/L

RT: 2.706 min Scan# 518

Delta R.T. -0.003 min

Lab File: VV036761.D

Acq: 02 Aug 2024 11:47

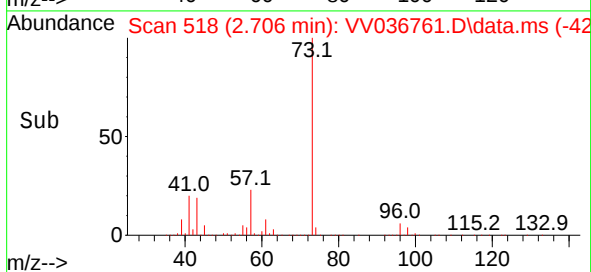
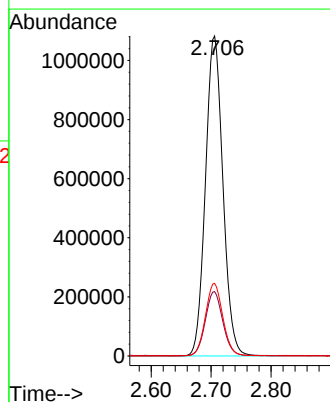
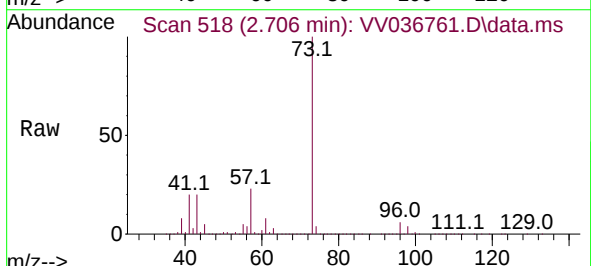
Tgt Ion: 73 Resp: 2195524

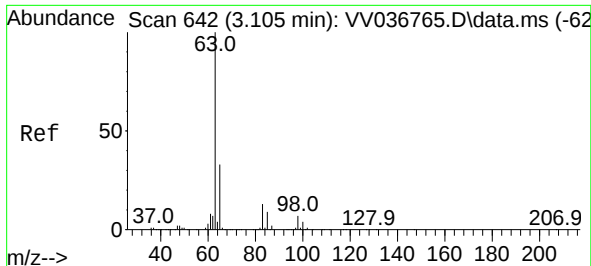
Ion Ratio Lower Upper

73 100

43 19.9 16.1 24.1

57 22.6 17.9 26.9



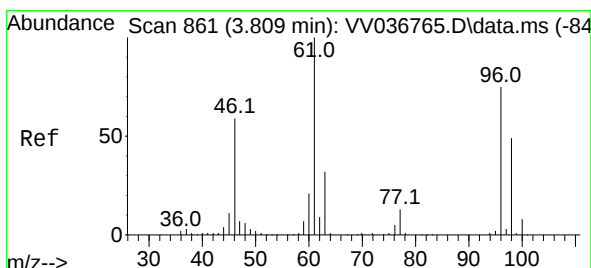
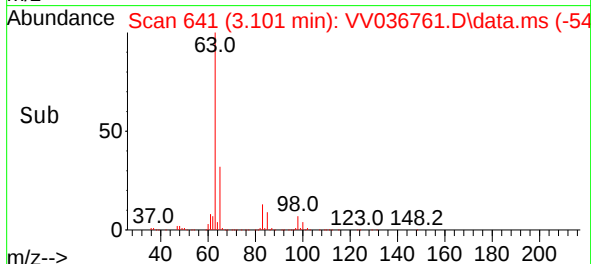
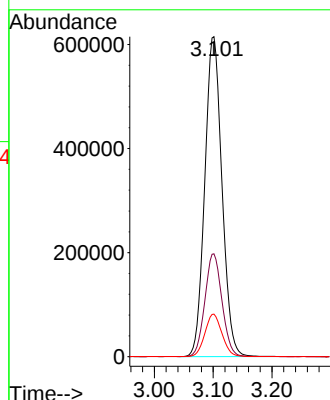
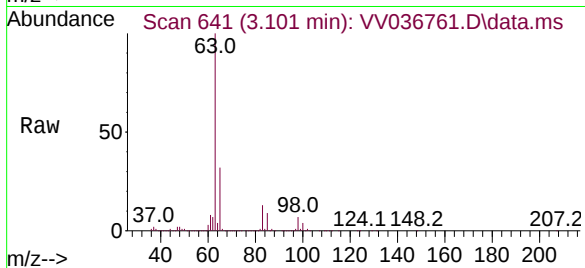


#19
1,1-Dichloroethane
Concen: 212.499 ug/L
RT: 3.101 min Scan# 641
Delta R.T. -0.003 min
Lab File: VV036761.D
Acq: 02 Aug 2024 11:47

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 63 Resp: 1249163

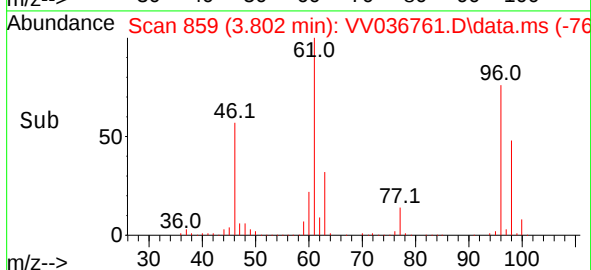
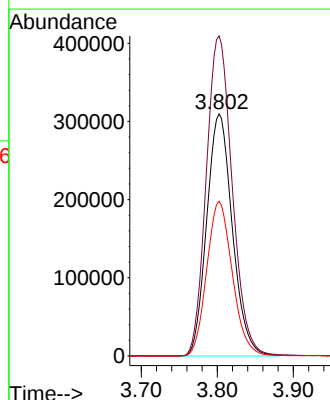
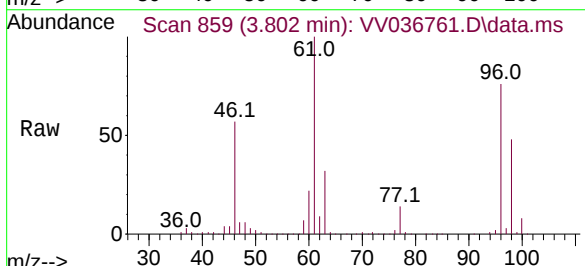
Ion	Ratio	Lower	Upper
63	100		
65	32.1	23.2	43.0
83	13.3	9.2	17.0

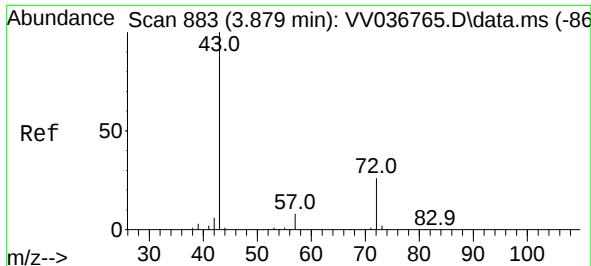


#20
cis-1,2-Dichloroethene
Concen: 210.333 ug/L
RT: 3.802 min Scan# 859
Delta R.T. -0.007 min
Lab File: VV036761.D
Acq: 02 Aug 2024 11:47

Tgt Ion: 96 Resp: 725134

Ion	Ratio	Lower	Upper
96	100		
61	132.1	93.9	174.5
98	63.8	46.0	85.4





#22

2-Butanone

Concen: 499.054 ug/L

RT: 3.870 min Scan# 883

Delta R.T. -0.010 min

Lab File: VV036761.D

Acq: 02 Aug 2024 11:47

Instrument :

MSVOA_V

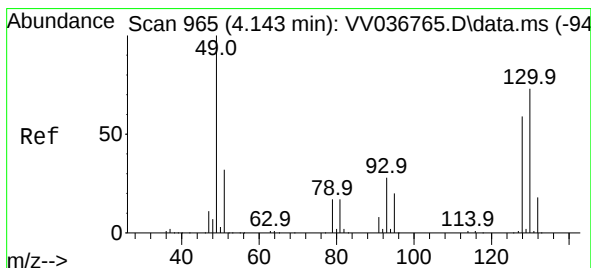
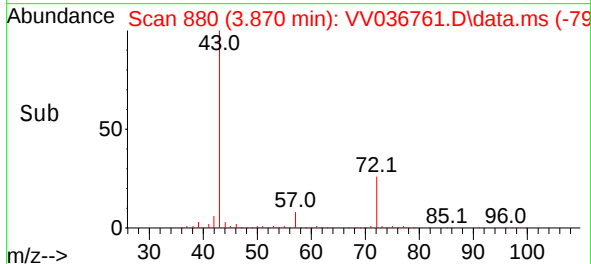
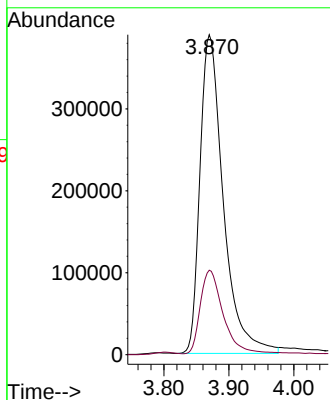
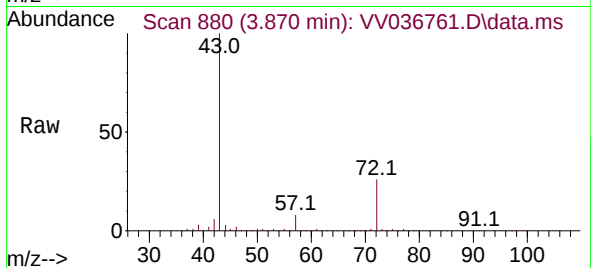
ClientSampleId :

Tgt Ion: 43 Resp: 973098

Ion Ratio Lower Upper

43 100

72 25.8 12.5 37.5



#23

Bromochloromethane

Concen: 210.390 ug/L

RT: 4.133 min Scan# 962

Delta R.T. -0.010 min

Lab File: VV036761.D

Acq: 02 Aug 2024 11:47

Tgt Ion:128 Resp: 350256

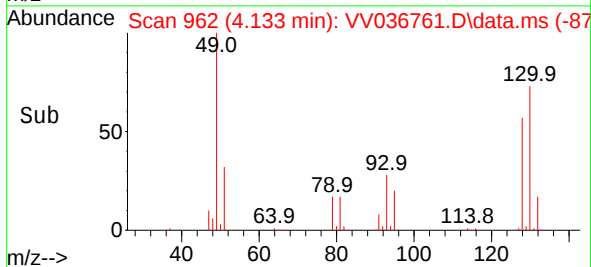
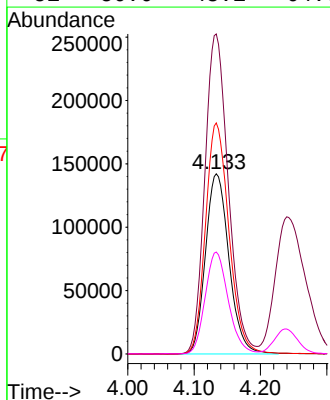
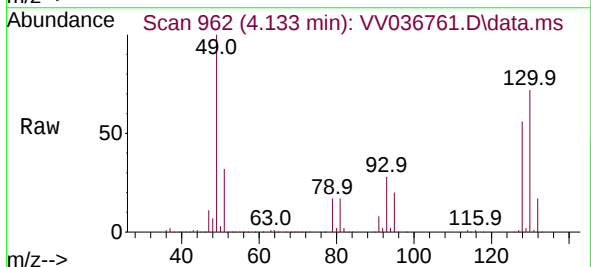
Ion Ratio Lower Upper

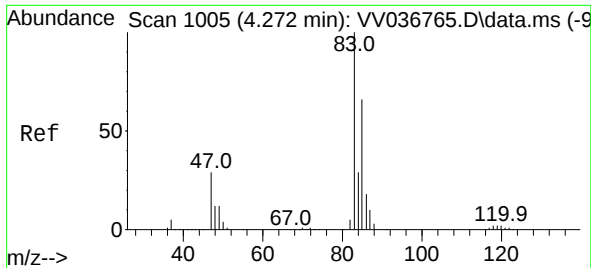
128 100

49 177.5 120.0 223.0

130 128.2 87.0 161.6

51 56.6 43.1 64.7

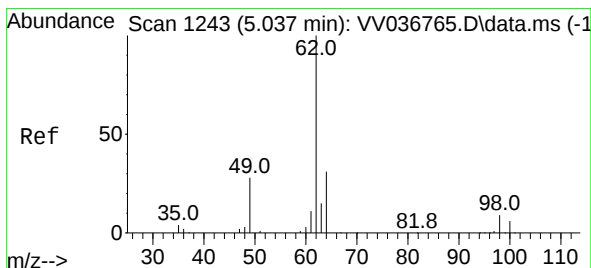
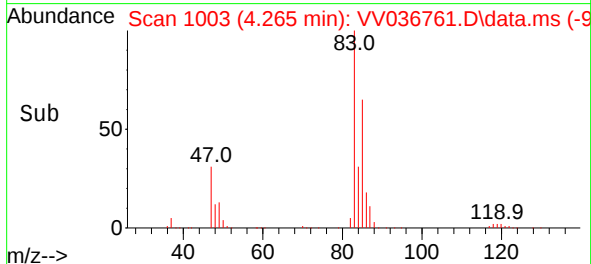
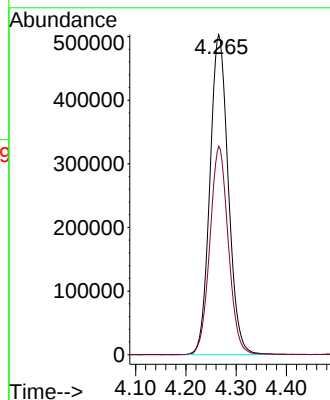
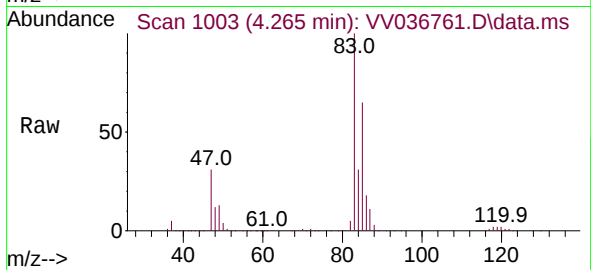




#25
Chloroform
Concen: 208.620 ug/L
RT: 4.265 min Scan# 1003
Delta R.T. -0.007 min
Lab File: VV036761.D
Acq: 02 Aug 2024 11:47

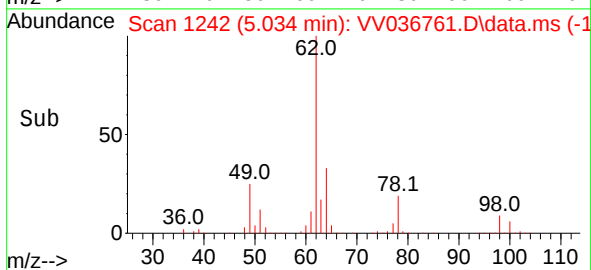
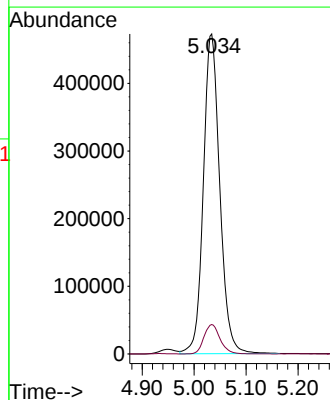
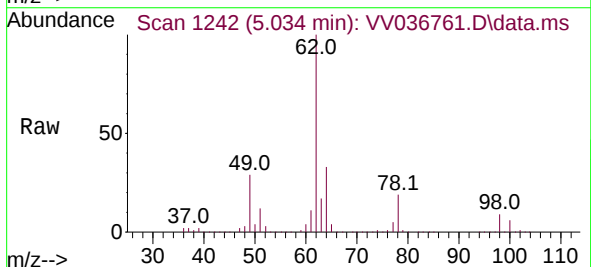
Instrument :
MSVOA_V
ClientSampleId :

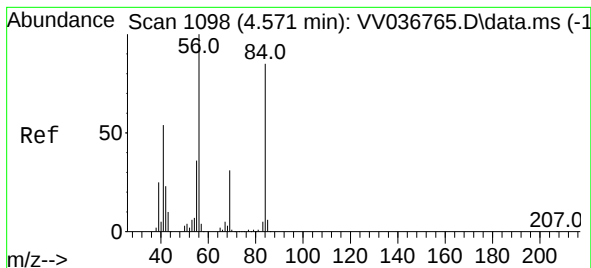
Tgt Ion: 83 Resp: 1274582
Ion Ratio Lower Upper
83 100
85 65.1 46.0 85.4



#27
1,2-Dichloroethane
Concen: 218.831 ug/L
RT: 5.034 min Scan# 1242
Delta R.T. -0.003 min
Lab File: VV036761.D
Acq: 02 Aug 2024 11:47

Tgt Ion: 62 Resp: 1036044
Ion Ratio Lower Upper
62 100
98 9.2 7.5 11.3





#29

Cyclohexane

Concen: 210.957 ug/L

RT: 4.567 min Scan# 1097

Delta R.T. -0.003 min

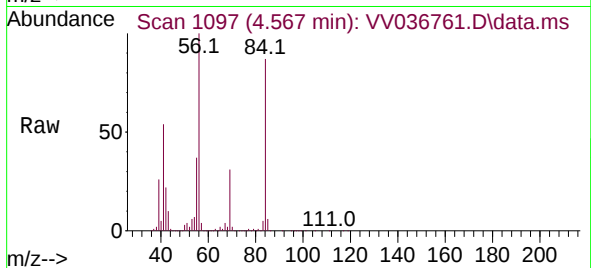
Lab File: VV036761.D

Acq: 02 Aug 2024 11:47

Instrument :

MSVOA_V

ClientSampleId :



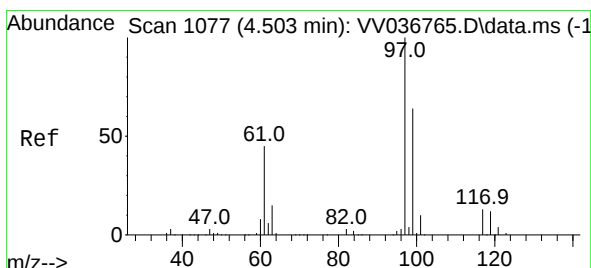
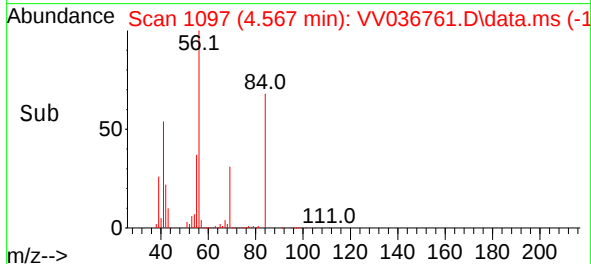
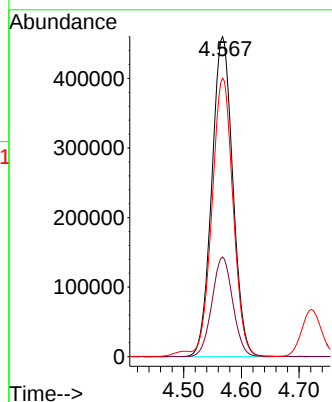
Tgt Ion: 56 Resp: 1161400

Ion Ratio Lower Upper

56 100

69 30.9 24.7 37.1

84 87.2 68.5 102.7



#30

1,1,1-Trichloroethane

Concen: 209.508 ug/L

RT: 4.500 min Scan# 1076

Delta R.T. -0.003 min

Lab File: VV036761.D

Acq: 02 Aug 2024 11:47

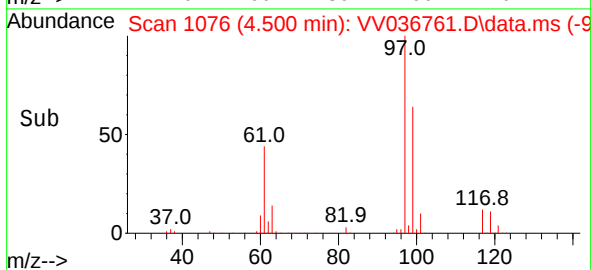
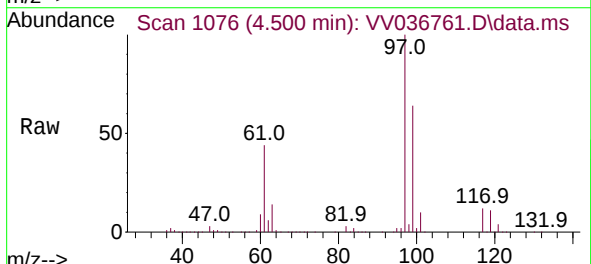
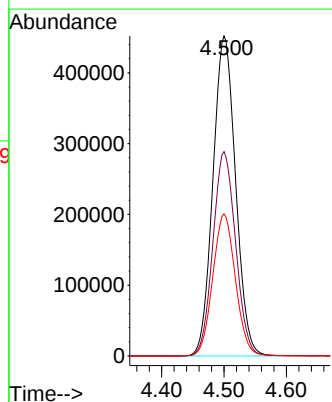
Tgt Ion: 97 Resp: 1141456

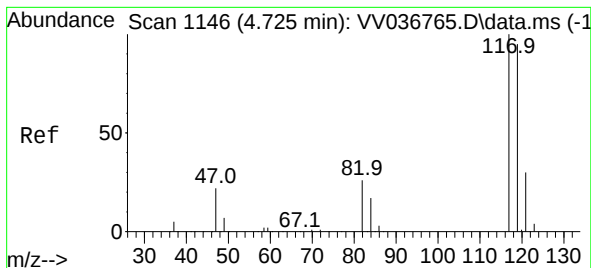
Ion Ratio Lower Upper

97 100

99 63.9 51.5 77.3

61 44.5 36.0 54.0





#31

Carbon tetrachloride

Concen: 211.586 ug/L

RT: 4.722 min Scan# 1145

Delta R.T. -0.003 min

Lab File: VV036761.D

Acq: 02 Aug 2024 11:47

Instrument :

MSVOA_V

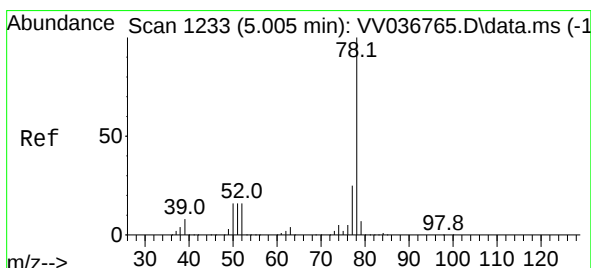
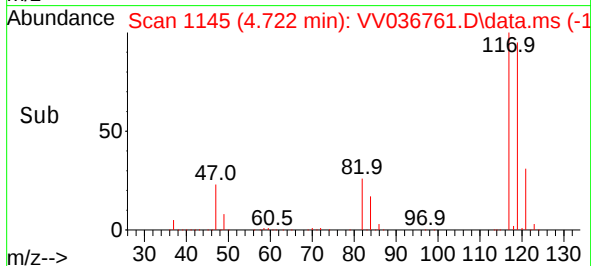
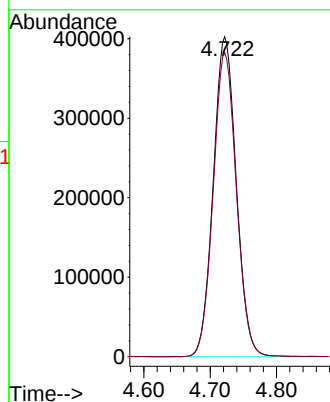
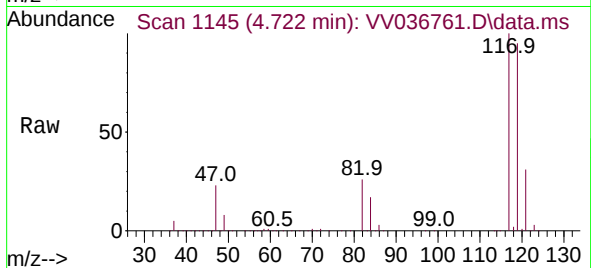
ClientSampleId :

Tgt Ion:117 Resp: 969107

Ion Ratio Lower Upper

117 100

119 95.8 76.1 114.1



#33

Benzene

Concen: 207.962 ug/L

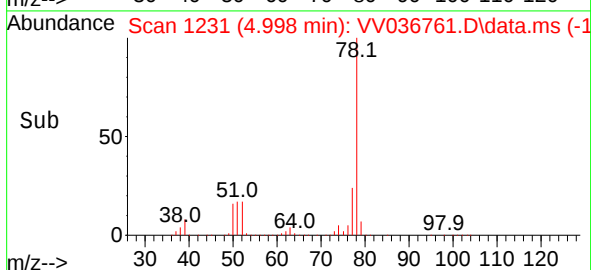
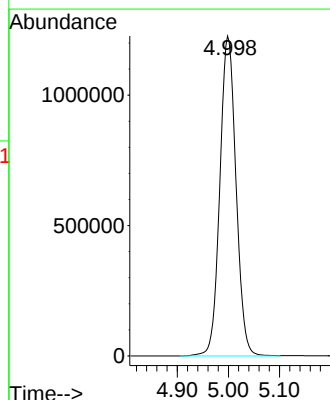
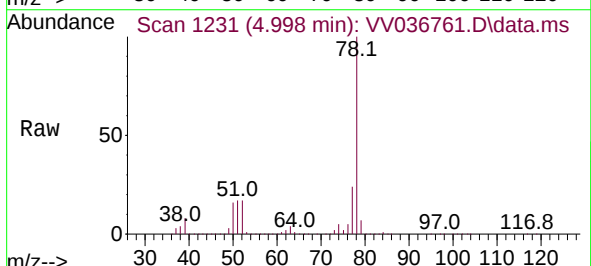
RT: 4.998 min Scan# 1231

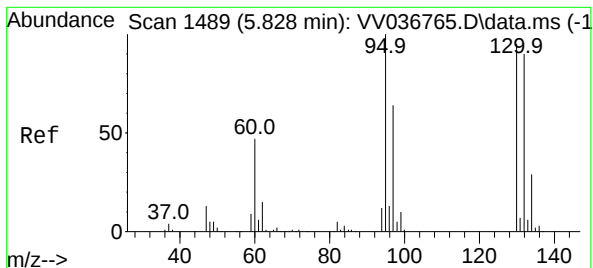
Delta R.T. -0.007 min

Lab File: VV036761.D

Acq: 02 Aug 2024 11:47

Tgt Ion: 78 Resp: 2693960





#34

Trichloroethene

Concen: 213.561 ug/L

RT: 5.821 min Scan# 1489

Delta R.T. -0.006 min

Lab File: VV036761.D

Acq: 02 Aug 2024 11:47

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 802066

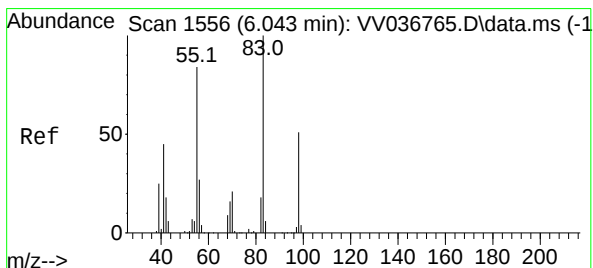
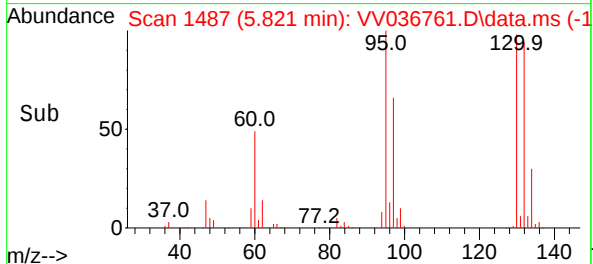
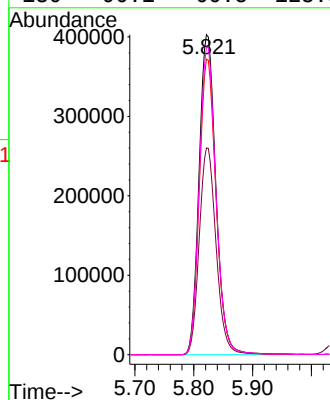
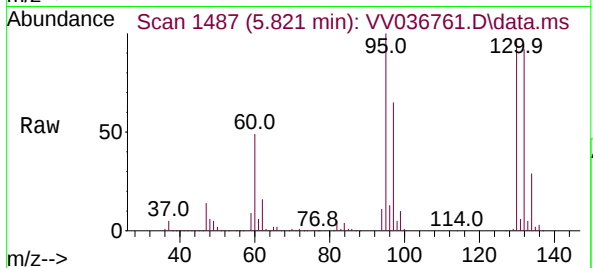
Ion Ratio Lower Upper

95 100

97 64.6 44.7 82.9

132 92.3 62.9 116.9

130 96.1 66.5 123.5



#35

Methylcyclohexane

Concen: 216.107 ug/L

RT: 6.040 min Scan# 1555

Delta R.T. -0.003 min

Lab File: VV036761.D

Acq: 02 Aug 2024 11:47

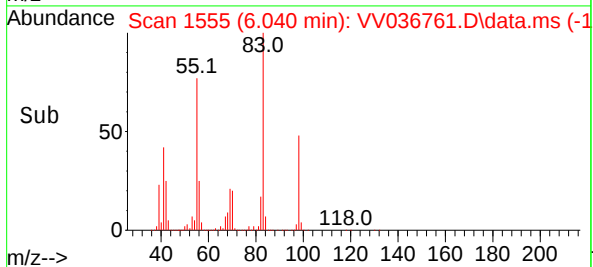
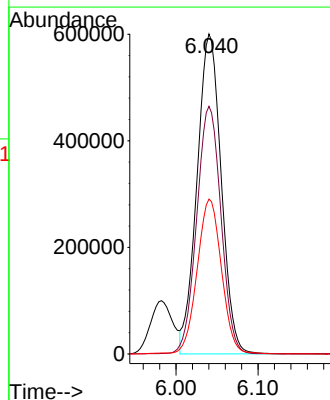
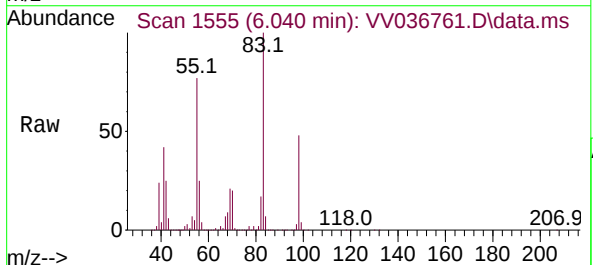
Tgt Ion: 83 Resp: 1230254

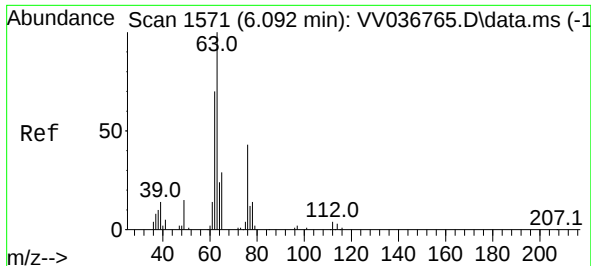
Ion Ratio Lower Upper

83 100

55 77.6 62.3 93.5

98 48.5 38.7 58.1

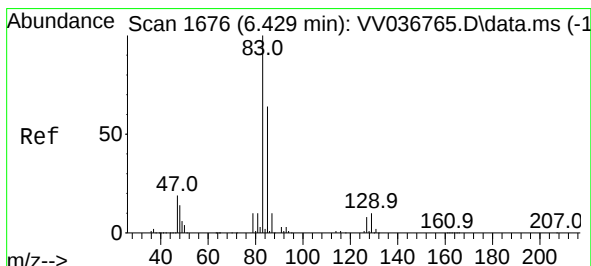
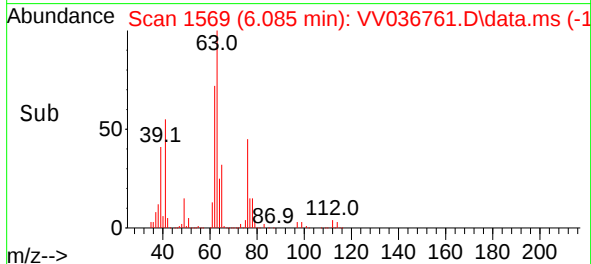
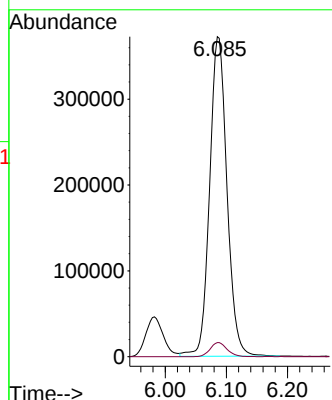
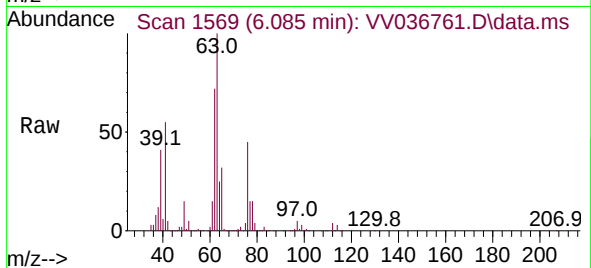




#37
1,2-Dichloropropane
Concen: 214.840 ug/L
RT: 6.085 min Scan# 1569
Delta R.T. -0.007 min
Lab File: VV036761.D
Acq: 02 Aug 2024 11:47

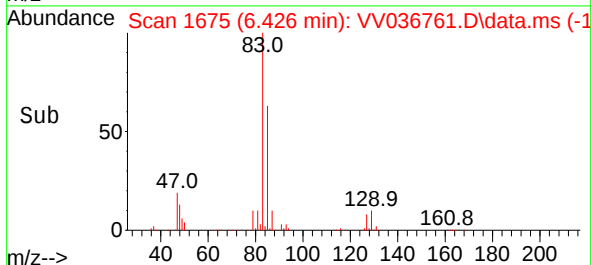
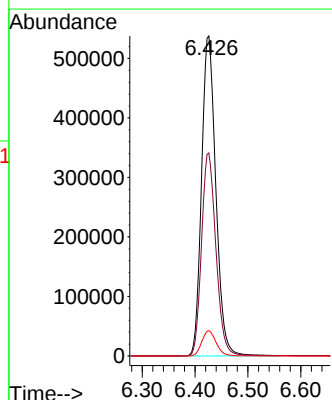
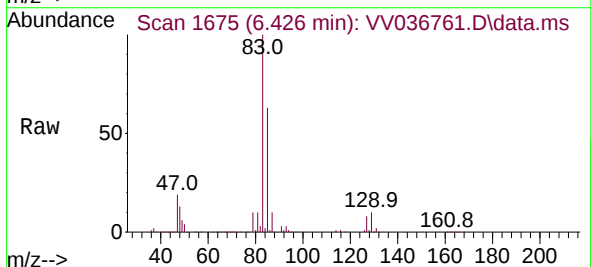
Instrument :
MSVOA_V
ClientSampleId :

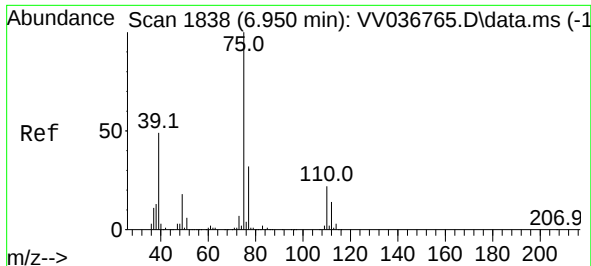
Tgt Ion: 63 Resp: 732791
Ion Ratio Lower Upper
63 100
112 4.3 3.6 5.4



#38
Bromodichloromethane
Concen: 213.117 ug/L
RT: 6.426 min Scan# 1675
Delta R.T. -0.003 min
Lab File: VV036761.D
Acq: 02 Aug 2024 11:47

Tgt Ion: 83 Resp: 1008355
Ion Ratio Lower Upper
83 100
85 63.4 44.7 83.1
127 7.9 6.2 9.4





#39

cis-1,3-Dichloropropene

Concen: 215.456 ug/L

RT: 6.947 min Scan# 11

Delta R.T. -0.003 min

Lab File: VV036761.D

Acq: 02 Aug 2024 11:47

Instrument :

MSVOA_V

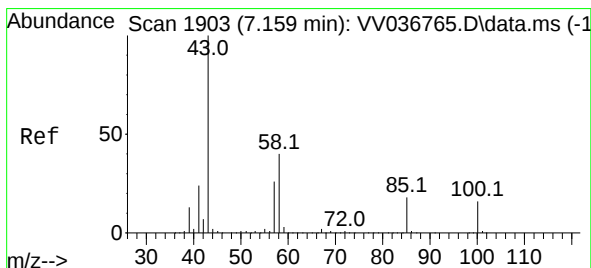
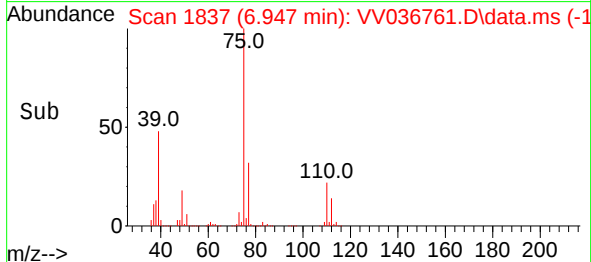
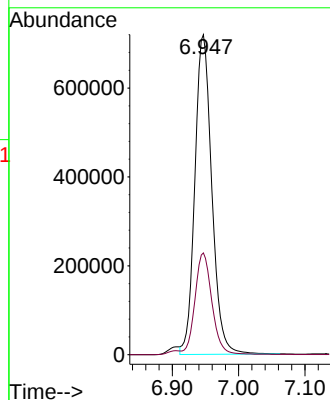
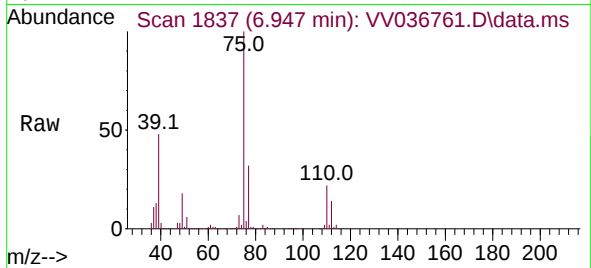
ClientSampleId :

Tgt Ion: 75 Resp: 1277432

Ion Ratio Lower Upper

75 100

77 31.8 22.2 41.2



#40

4-Methyl-2-pentanone

Concen: 458.259 ug/L

RT: 7.156 min Scan# 1902

Delta R.T. -0.003 min

Lab File: VV036761.D

Acq: 02 Aug 2024 11:47

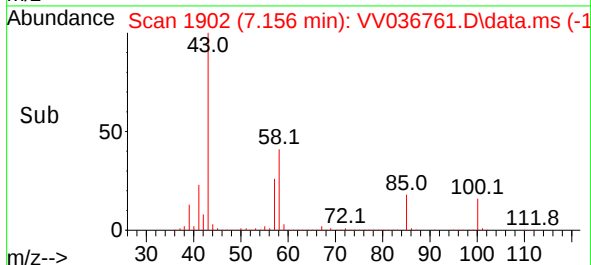
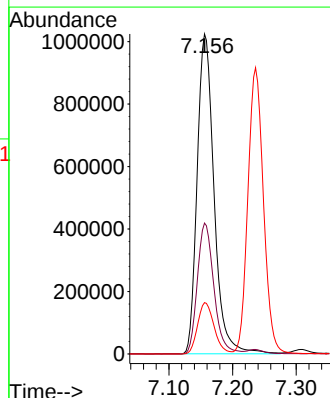
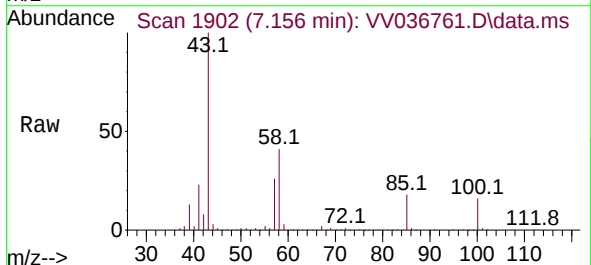
Tgt Ion: 43 Resp: 1890012

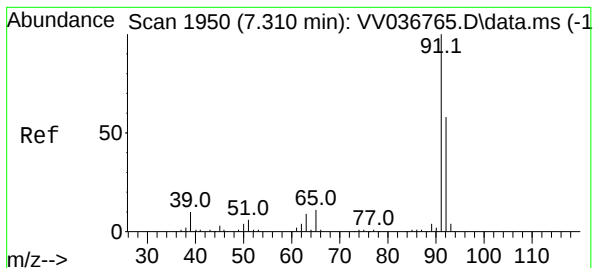
Ion Ratio Lower Upper

43 100

58 40.0 31.3 46.9

100 15.7 12.6 18.8





#42

Toluene

Concen: 212.221 ug/L

RT: 7.307 min Scan# 1949

Delta R.T. -0.003 min

Lab File: VV036761.D

Acq: 02 Aug 2024 11:47

Instrument :

MSVOA_V

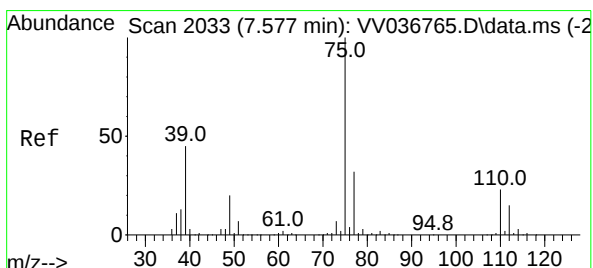
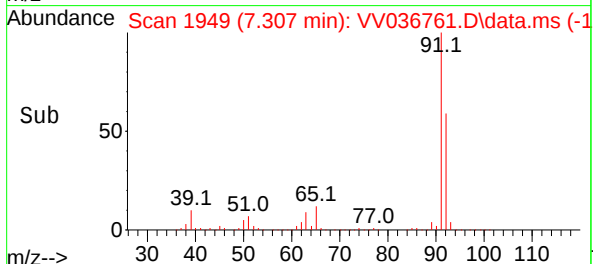
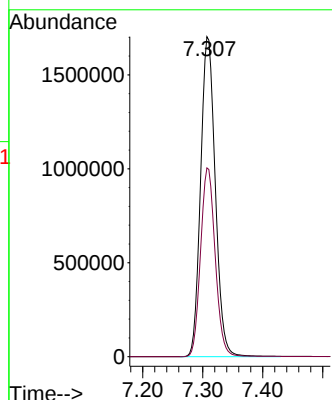
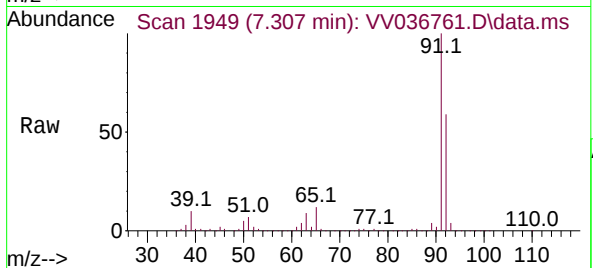
ClientSampleId :

Tgt Ion: 91 Resp: 2909335

Ion Ratio Lower Upper

91 100

92 59.0 40.5 75.1



#44

trans-1,3-Dichloropropene

Concen: 220.372 ug/L

RT: 7.574 min Scan# 2032

Delta R.T. -0.003 min

Lab File: VV036761.D

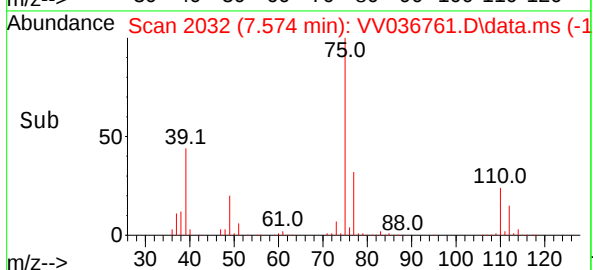
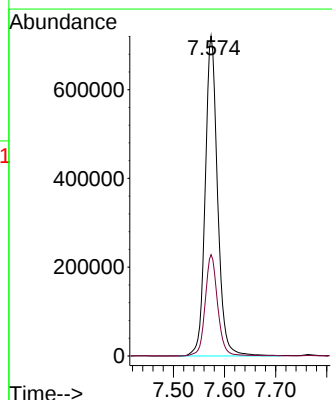
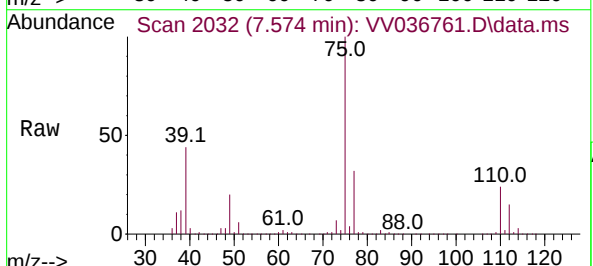
Acq: 02 Aug 2024 11:47

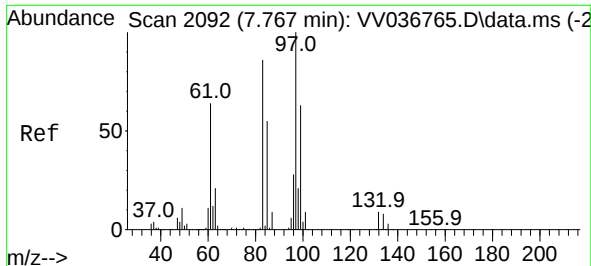
Tgt Ion: 75 Resp: 1211147

Ion Ratio Lower Upper

75 100

77 31.6 22.4 41.6





#45

1,1,2-Trichloroethane

Concen: 212.284 ug/L

RT: 7.763 min Scan# 2092

Delta R.T. -0.003 min

Lab File: VV036761.D

Acq: 02 Aug 2024 11:47

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 694791

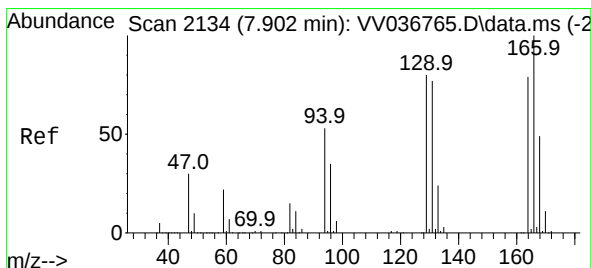
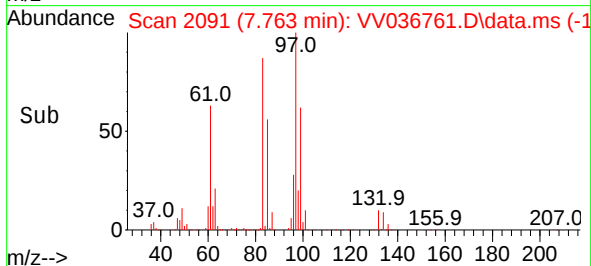
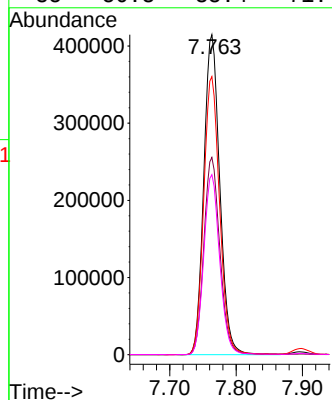
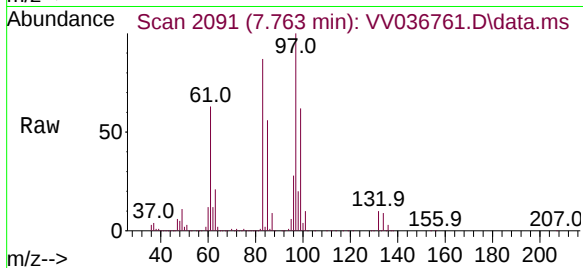
Ion Ratio Lower Upper

97 100

99 61.7 44.0 81.6

83 86.9 60.1 111.5

85 56.3 38.4 71.4



#46

Tetrachloroethene

Concen: 215.209 ug/L

RT: 7.899 min Scan# 2133

Delta R.T. -0.003 min

Lab File: VV036761.D

Acq: 02 Aug 2024 11:47

Tgt Ion:164 Resp: 525340

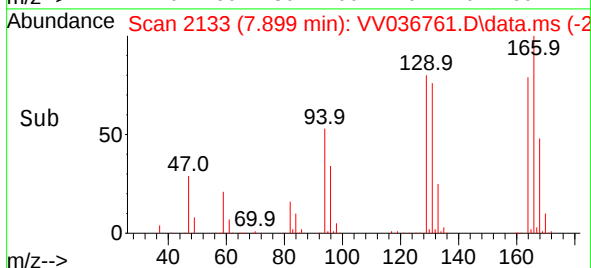
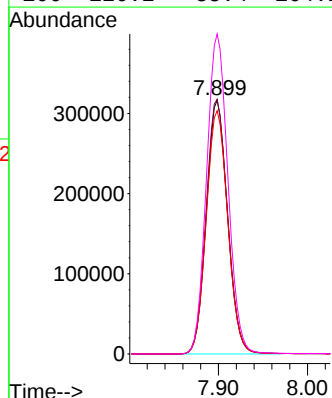
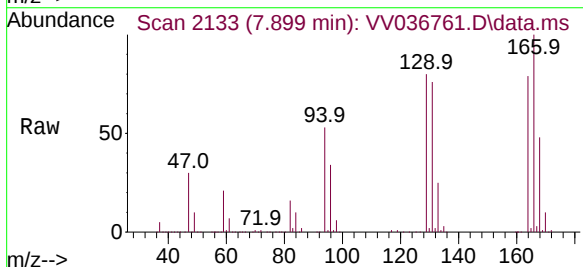
Ion Ratio Lower Upper

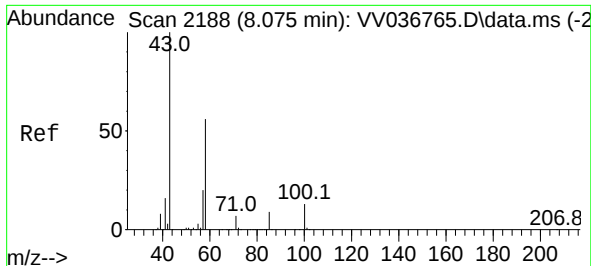
164 100

129 100.4 70.4 130.8

131 95.9 67.7 125.7

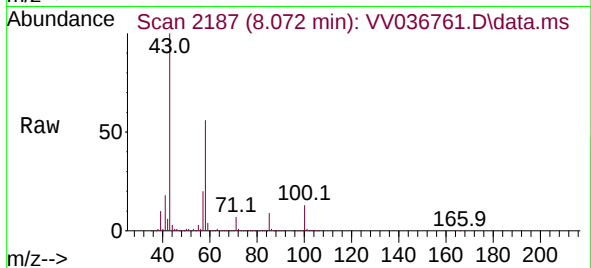
166 126.2 88.4 164.2



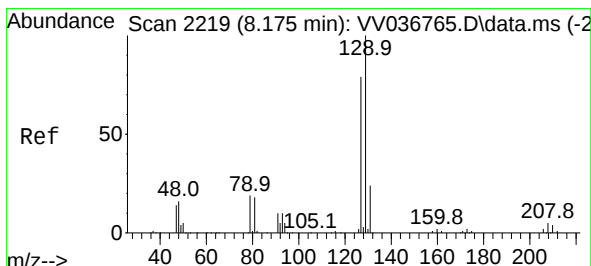
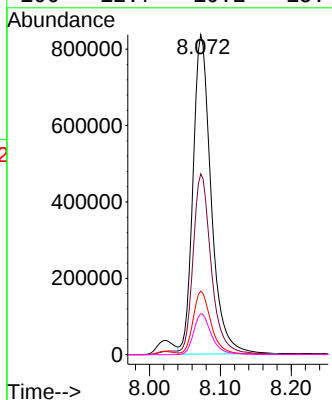
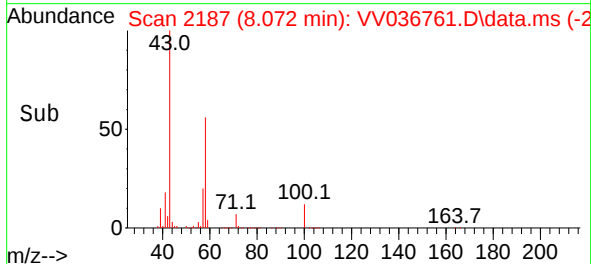


#48
2-Hexanone
Concen: 479.226 ug/L
RT: 8.072 min Scan# 2188
Delta R.T. -0.003 min
Lab File: VV036761.D
Acq: 02 Aug 2024 11:47

Instrument :
MSVOA_V
ClientSampleId :

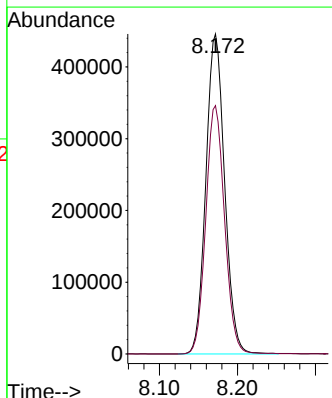
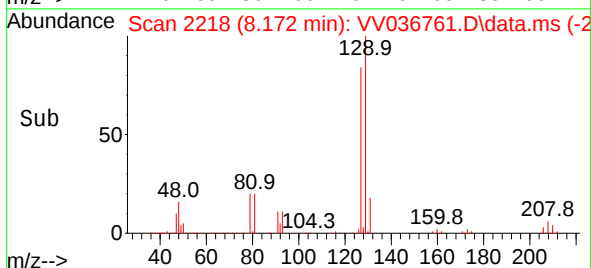
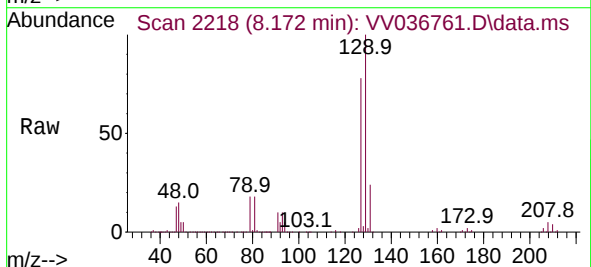


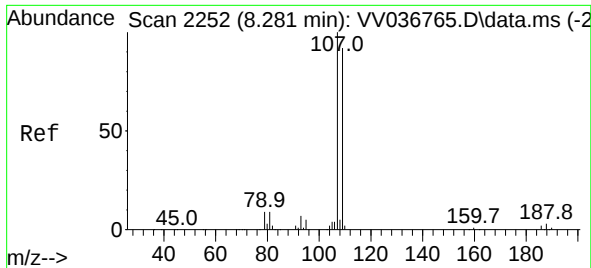
Tgt Ion: 43 Resp: 1488629
Ion Ratio Lower Upper
43 100
58 56.5 44.7 67.1
57 19.9 15.0 22.4
100 12.7 10.2 15.4



#49
Dibromochloromethane
Concen: 216.948 ug/L
RT: 8.172 min Scan# 2218
Delta R.T. -0.003 min
Lab File: VV036761.D
Acq: 02 Aug 2024 11:47

Tgt Ion: 129 Resp: 744726
Ion Ratio Lower Upper
129 100
127 77.6 55.4 102.8

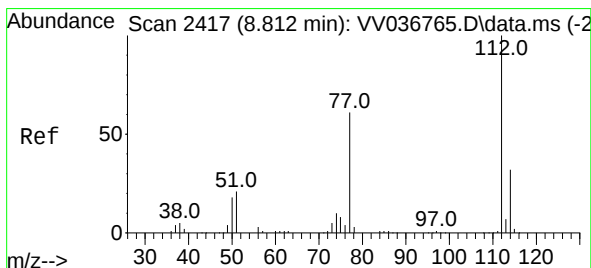
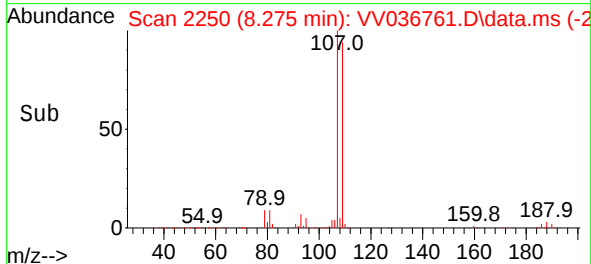
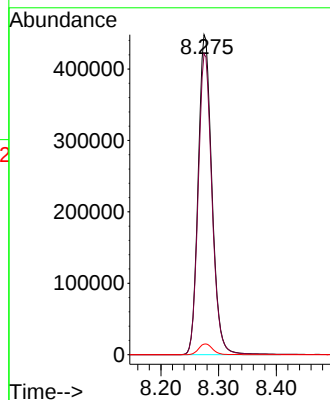
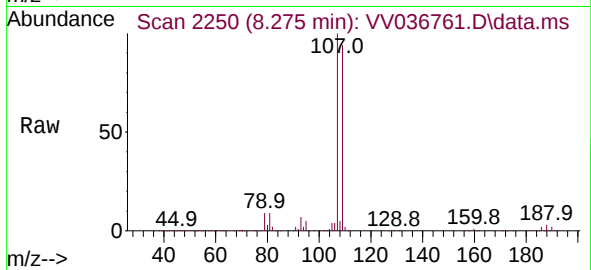




#50
1,2-Dibromoethane
Concen: 213.875 ug/L
RT: 8.275 min Scan# 2125
Delta R.T. -0.007 min
Lab File: VV036761.D
Acq: 02 Aug 2024 11:47

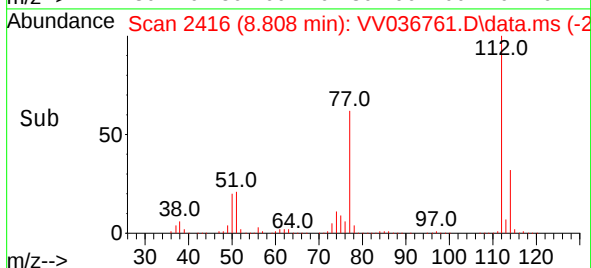
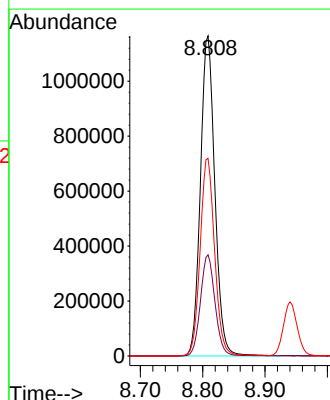
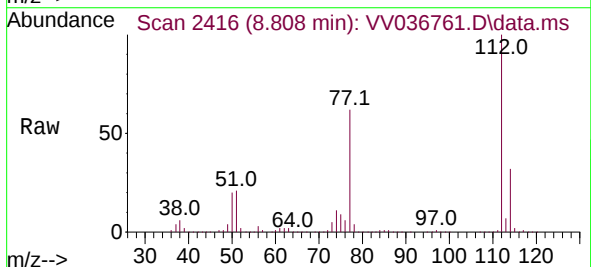
Instrument :
MSVOA_V
ClientSampleId :

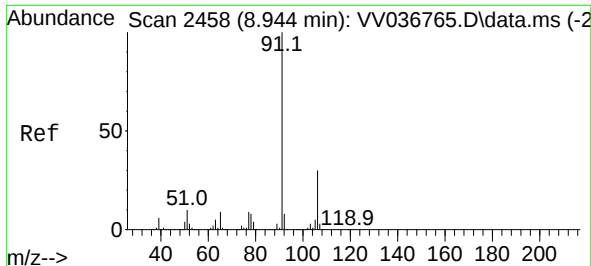
Tgt Ion:107 Resp: 740044
Ion Ratio Lower Upper
107 100
109 94.1 64.7 120.1
188 3.3 2.6 3.8



#51
Chlorobenzene
Concen: 211.290 ug/L
RT: 8.808 min Scan# 2416
Delta R.T. -0.003 min
Lab File: VV036761.D
Acq: 02 Aug 2024 11:47

Tgt Ion:112 Resp: 1875670
Ion Ratio Lower Upper
112 100
114 31.6 22.3 41.5
77 61.8 48.9 73.3

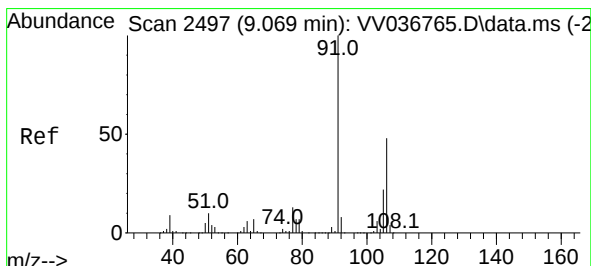
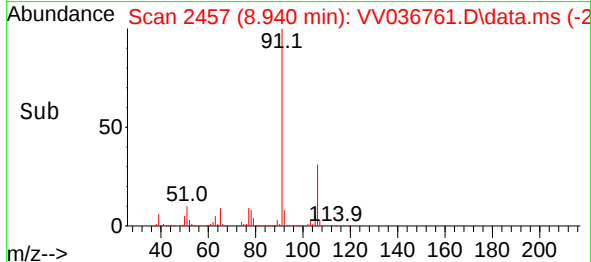
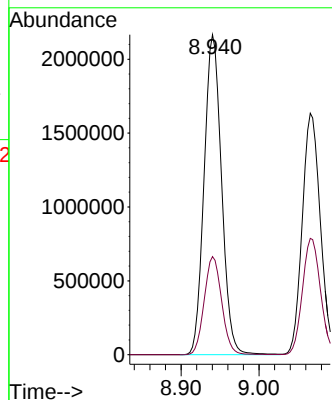
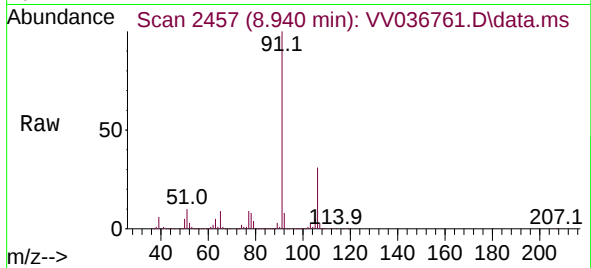




#52
Ethylbenzene
Concen: 213.290 ug/L
RT: 8.940 min Scan# 2458
Delta R.T. -0.003 min
Lab File: VV036761.D
Acq: 02 Aug 2024 11:47

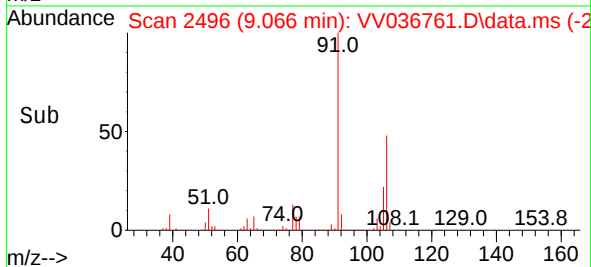
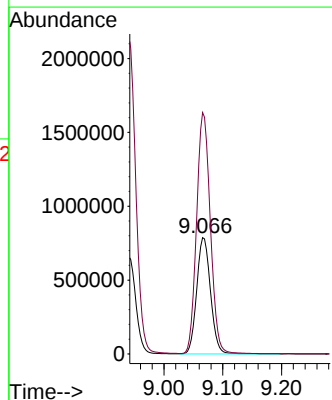
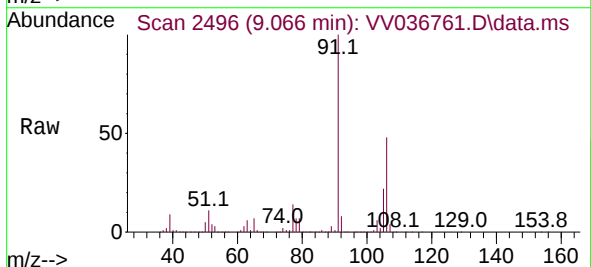
Instrument :
MSVOA_V
ClientSampleId :

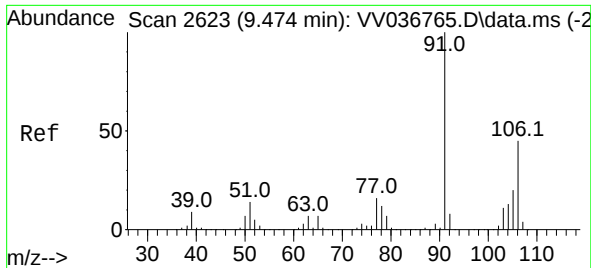
Tgt Ion: 91 Resp: 3371538
Ion Ratio Lower Upper
91 100
106 30.6 21.1 39.1



#53
m,p-Xylene
Concen: 220.674 ug/L
RT: 9.066 min Scan# 2496
Delta R.T. -0.003 min
Lab File: VV036761.D
Acq: 02 Aug 2024 11:47

Tgt Ion:106 Resp: 1278425
Ion Ratio Lower Upper
106 100
91 207.7 147.1 273.3

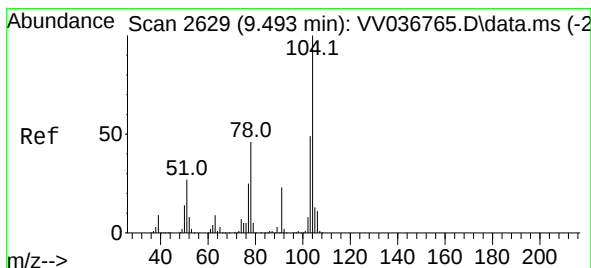
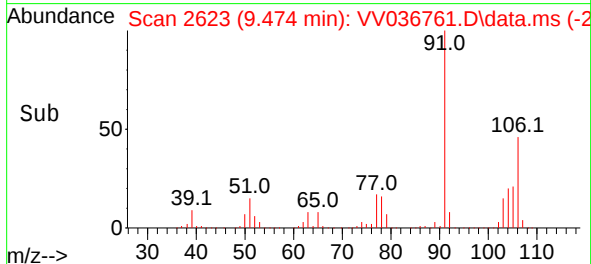
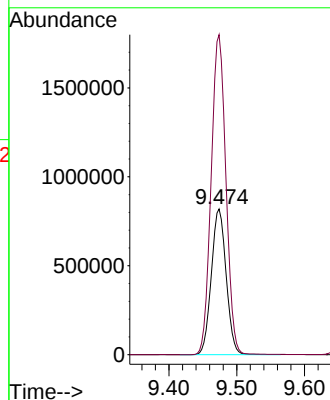
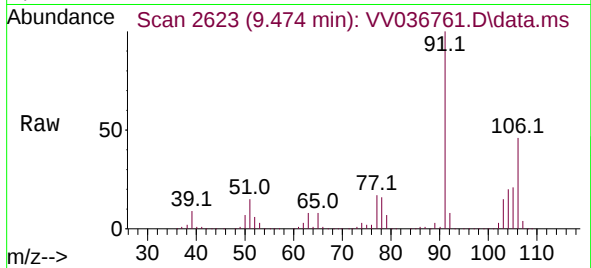




#54
o-Xylene
Concen: 215.332 ug/L
RT: 9.474 min Scan# 2623
Delta R.T. -0.000 min
Lab File: VV036761.D
Acq: 02 Aug 2024 11:47

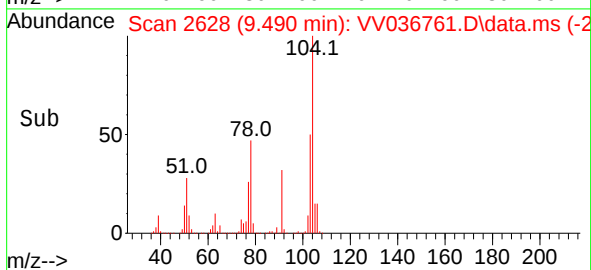
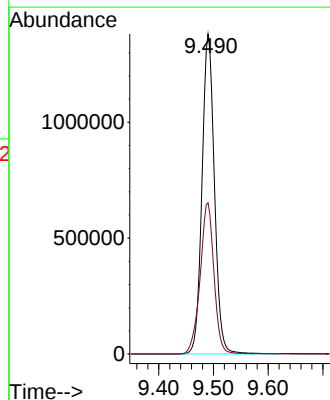
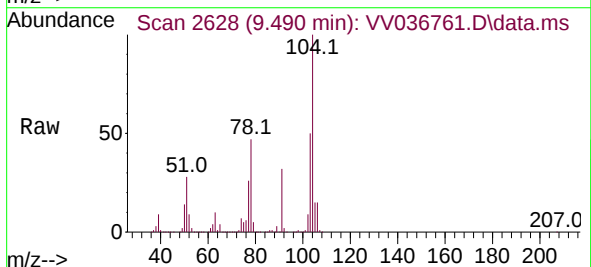
Instrument :
MSVOA_V
ClientSampleId :

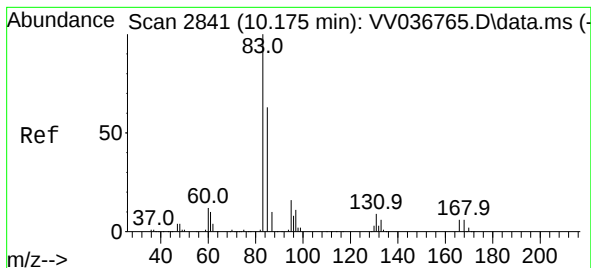
Tgt Ion:106 Resp: 1241435
Ion Ratio Lower Upper
106 100
91 219.5 154.5 286.9



#55
Styrene
Concen: 220.863 ug/L
RT: 9.490 min Scan# 2628
Delta R.T. -0.003 min
Lab File: VV036761.D
Acq: 02 Aug 2024 11:47

Tgt Ion:104 Resp: 2179066
Ion Ratio Lower Upper
104 100
78 47.2 32.1 59.7





#57

1,1,2,2-Tetrachloroethane

Concen: 216.266 ug/L

RT: 10.175 min Scan# 2841

Delta R.T. -0.000 min

Lab File: VV036761.D

Acq: 02 Aug 2024 11:47

Instrument :

MSVOA_V

ClientSampleId :

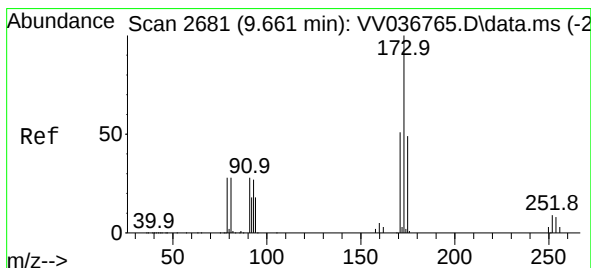
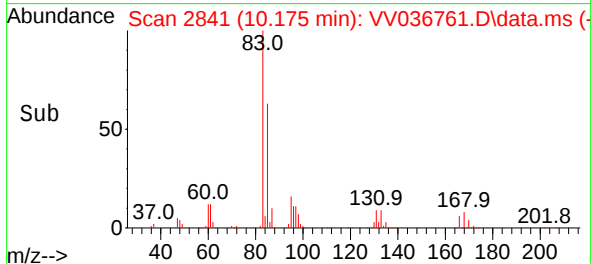
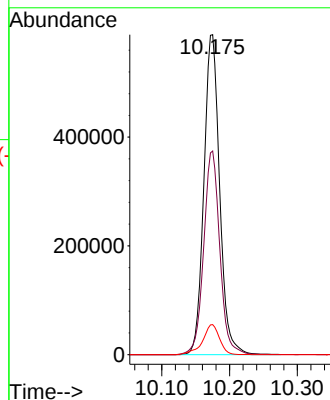
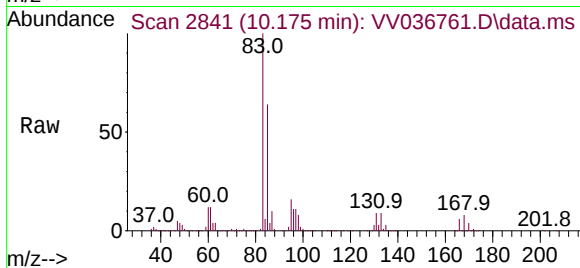
Tgt Ion: 83 Resp: 951292

Ion Ratio Lower Upper

83 100

85 63.6 44.7 83.1

131 9.4 7.2 10.8



#59

Bromoform

Concen: 222.412 ug/L

RT: 9.661 min Scan# 2681

Delta R.T. -0.000 min

Lab File: VV036761.D

Acq: 02 Aug 2024 11:47

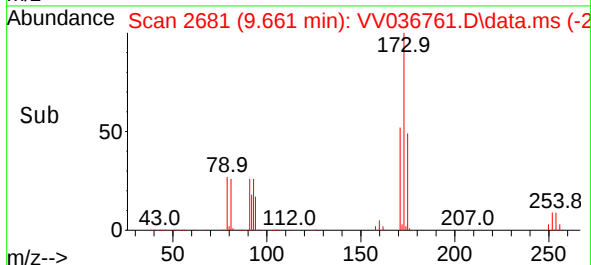
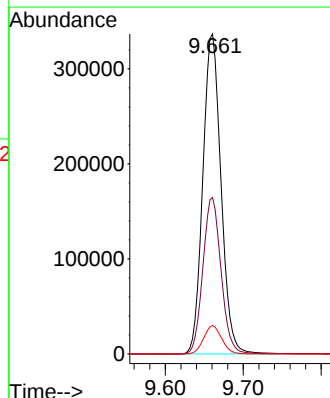
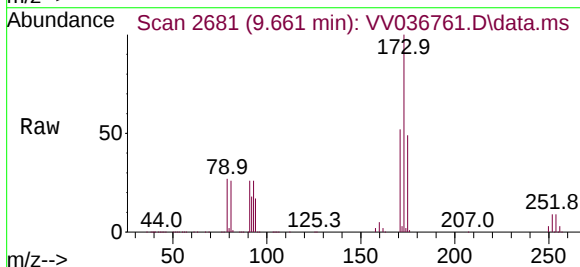
Tgt Ion: 173 Resp: 546374

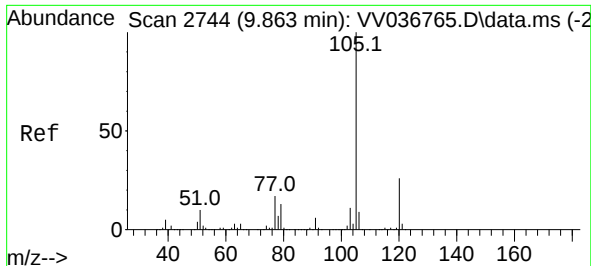
Ion Ratio Lower Upper

173 100

175 48.8 39.8 59.8

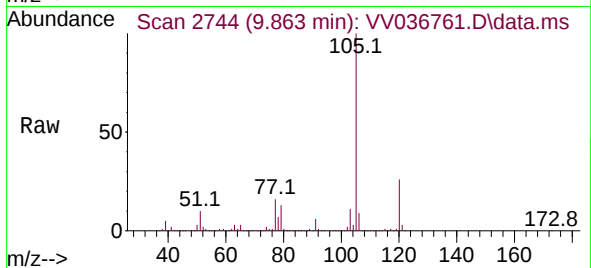
254 8.8 6.8 10.2



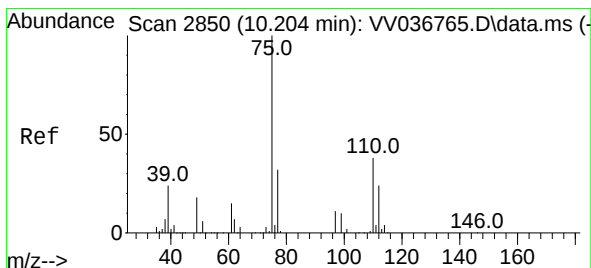
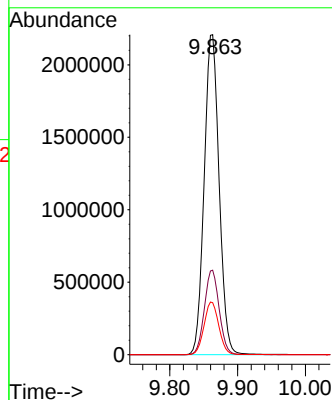
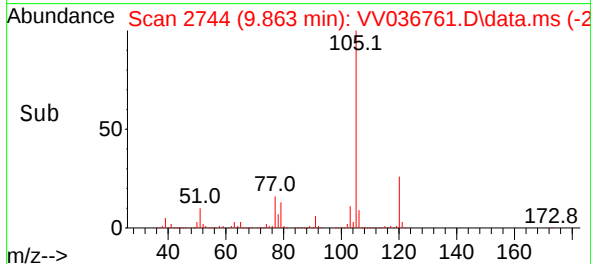


#60
Isopropylbenzene
Concen: 209.502 ug/L
RT: 9.863 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV036761.D
Acq: 02 Aug 2024 11:47

Instrument :
MSVOA_V
ClientSampleId :

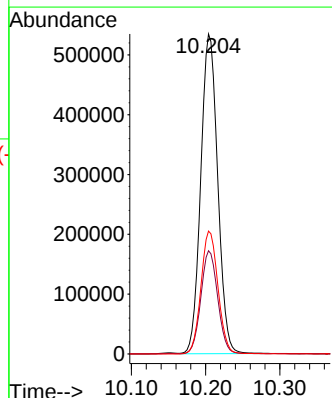
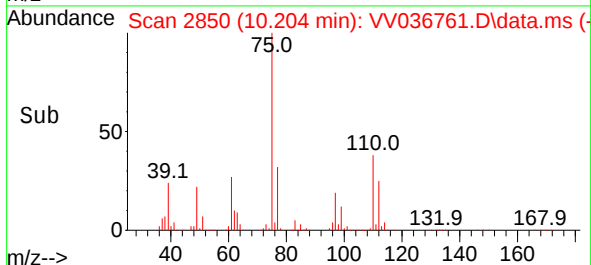
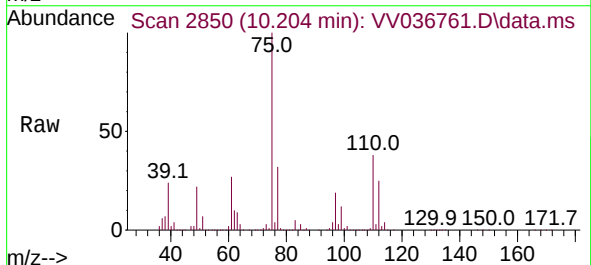


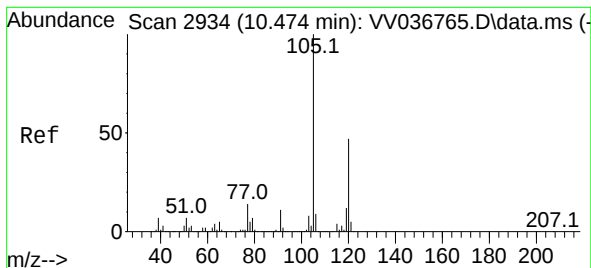
Tgt Ion:105 Resp: 3375273
Ion Ratio Lower Upper
105 100
120 26.2 20.3 30.5
77 16.3 13.1 19.7



#61
1,2,3-Trichloropropane
Concen: 216.468 ug/L
RT: 10.204 min Scan# 2850
Delta R.T. -0.000 min
Lab File: VV036761.D
Acq: 02 Aug 2024 11:47

Tgt Ion: 75 Resp: 847628
Ion Ratio Lower Upper
75 100
77 31.8 26.2 39.2
110 38.5 31.3 46.9





#62

1,3,5-Trimethylbenzene

Concen: 212.661 ug/L

RT: 10.471 min Scan# 2933

Delta R.T. -0.003 min

Lab File: VV036761.D

Acq: 02 Aug 2024 11:47

Instrument :

MSVOA_V

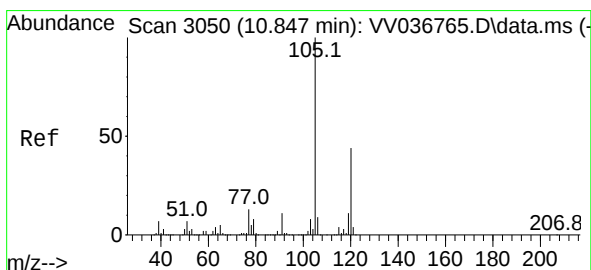
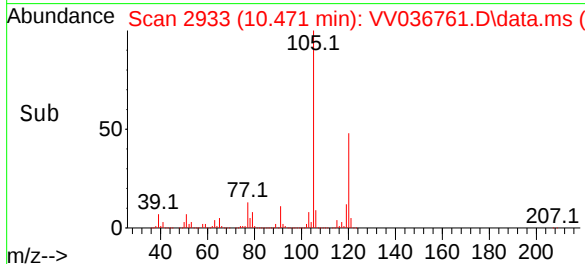
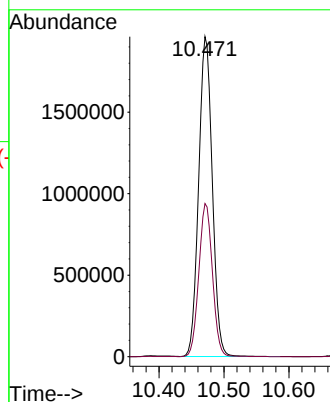
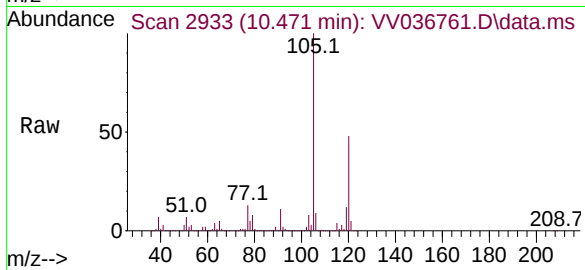
ClientSampleId :

Tgt Ion:105 Resp: 2870220

Ion Ratio Lower Upper

105 100

120 47.7 37.7 56.5



#63

1,2,4-Trimethylbenzene

Concen: 213.053 ug/L

RT: 10.847 min Scan# 3050

Delta R.T. -0.000 min

Lab File: VV036761.D

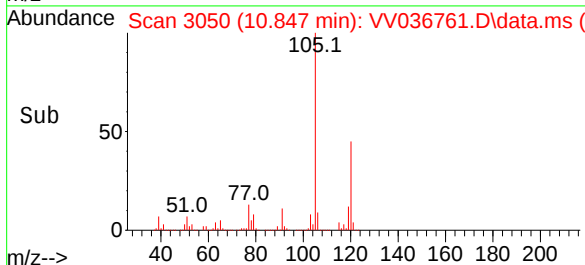
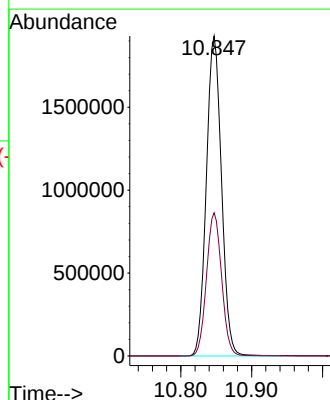
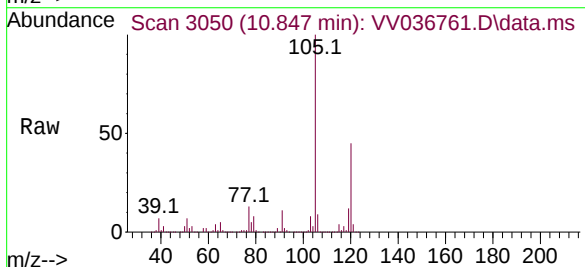
Acq: 02 Aug 2024 11:47

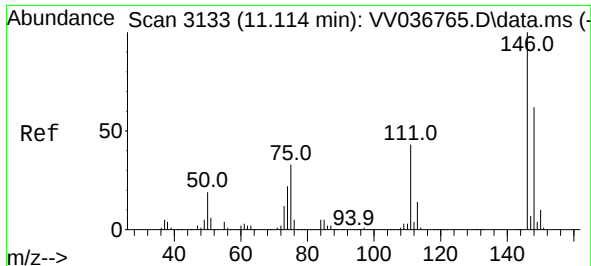
Tgt Ion:105 Resp: 2858553

Ion Ratio Lower Upper

105 100

120 44.7 35.6 53.4





#64

1,3-Dichlorobenzene

Concen: 210.804 ug/L

RT: 11.111 min Scan# 3133

Delta R.T. -0.003 min

Lab File: VV036761.D

Acq: 02 Aug 2024 11:47

Instrument :

MSVOA_V

ClientSampleId :

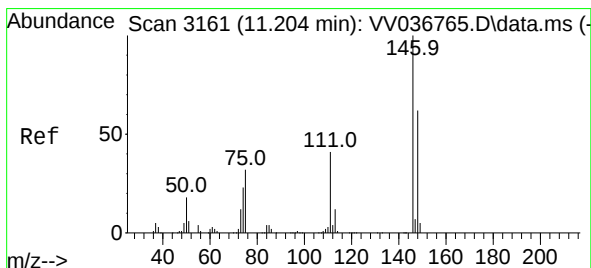
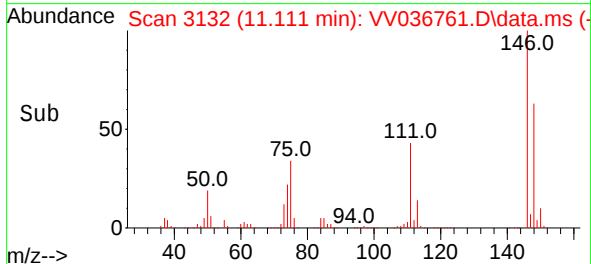
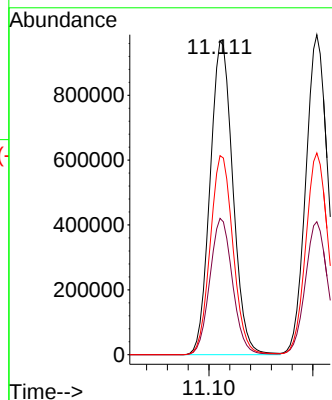
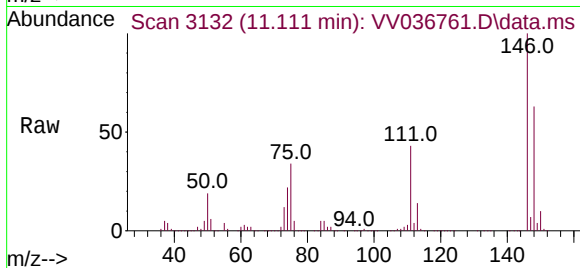
Tgt Ion:146 Resp: 1475780

Ion Ratio Lower Upper

146 100

111 43.4 29.8 55.4

148 63.4 43.4 80.6



#65

1,4-Dichlorobenzene

Concen: 208.393 ug/L

RT: 11.204 min Scan# 3161

Delta R.T. -0.000 min

Lab File: VV036761.D

Acq: 02 Aug 2024 11:47

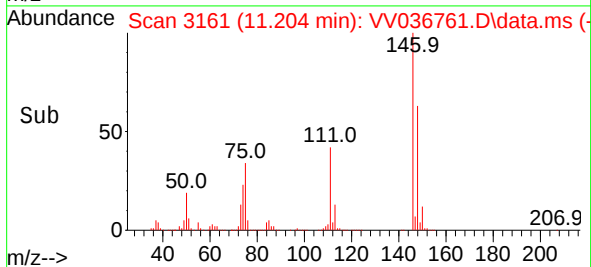
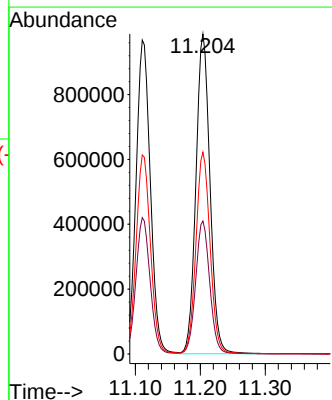
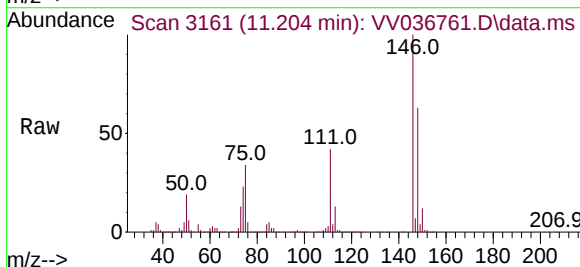
Tgt Ion:146 Resp: 1487095

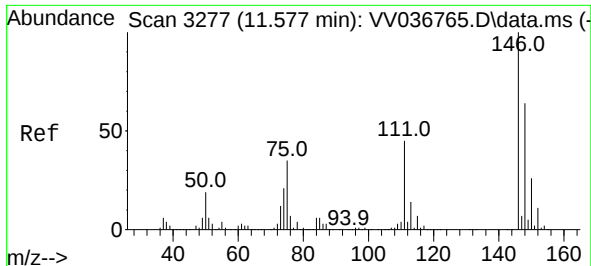
Ion Ratio Lower Upper

146 100

111 41.6 29.0 53.9

148 63.0 43.8 81.4





#67

1,2-Dichlorobenzene

Concen: 208.229 ug/L

RT: 11.574 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV036761.D

Acq: 02 Aug 2024 11:47

Instrument :

MSVOA_V

ClientSampleId :

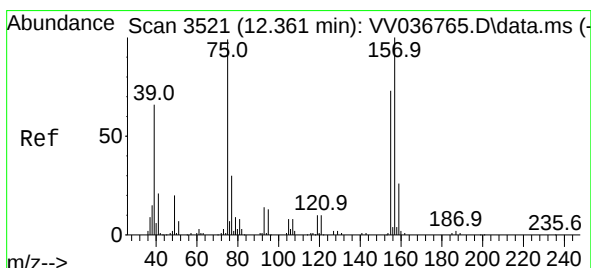
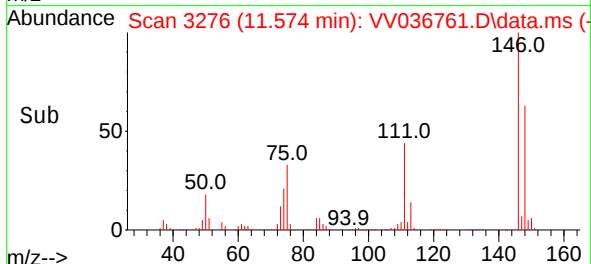
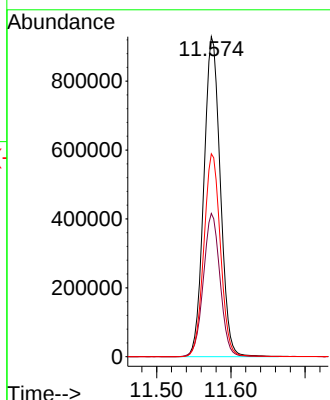
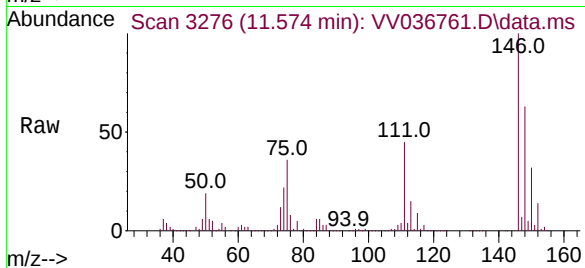
Tgt Ion:146 Resp: 1422591

Ion Ratio Lower Upper

146 100

111 44.8 35.7 53.5

148 63.4 51.2 76.8



#68

1,2-Dibromo-3-chloropropane

Concen: 233.551 ug/L

RT: 12.358 min Scan# 3520

Delta R.T. -0.003 min

Lab File: VV036761.D

Acq: 02 Aug 2024 11:47

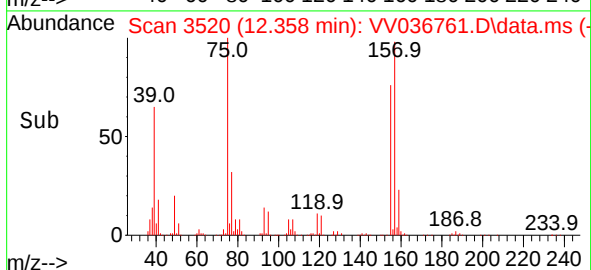
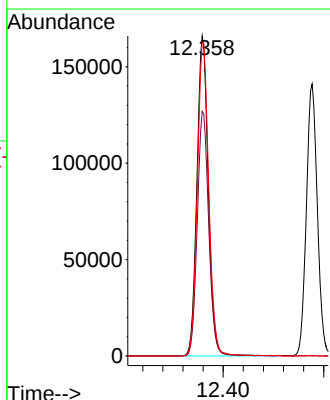
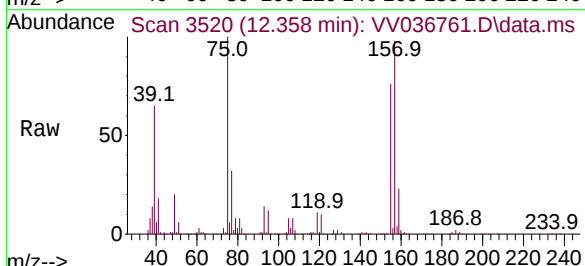
Tgt Ion: 75 Resp: 261677

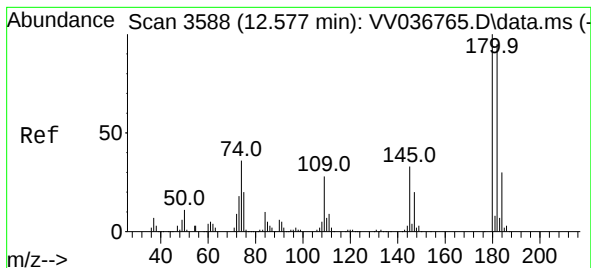
Ion Ratio Lower Upper

75 100

155 76.4 59.5 89.3

157 98.1 81.0 121.4





#69

1,3,5-Trichlorobenzene

Concen: 218.601 ug/L

RT: 12.577 min Scan# 3588

Delta R.T. -0.000 min

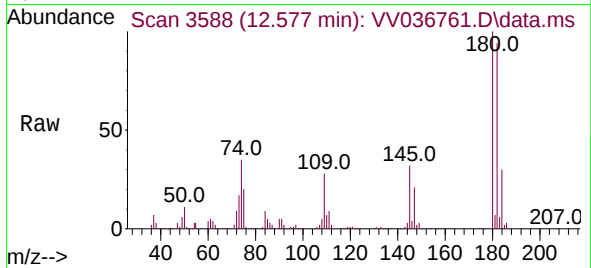
Lab File: VV036761.D

Acq: 02 Aug 2024 11:47

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 1068763

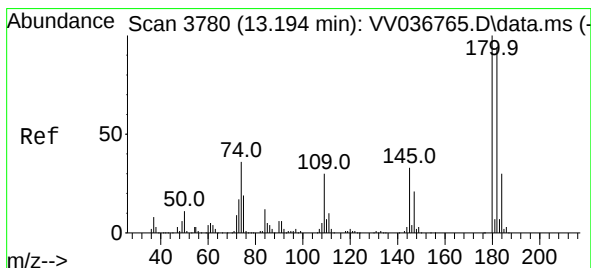
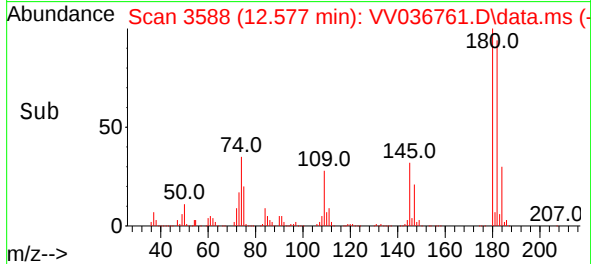
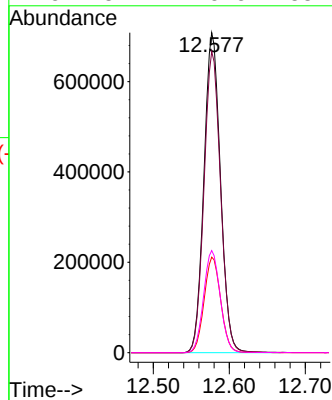
Ion Ratio Lower Upper

180 100

182 94.6 75.0 112.6

184 30.0 23.7 35.5

145 32.1 25.5 38.3



#70

1,2,4-trichlorobenzene

Concen: 218.501 ug/L

RT: 13.194 min Scan# 3780

Delta R.T. -0.000 min

Lab File: VV036761.D

Acq: 02 Aug 2024 11:47

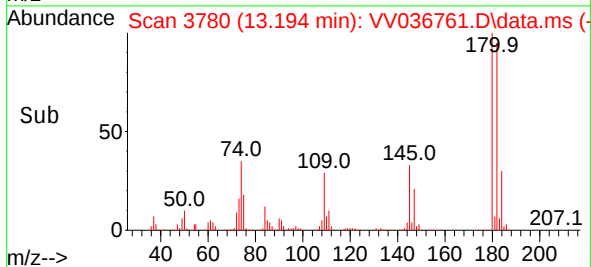
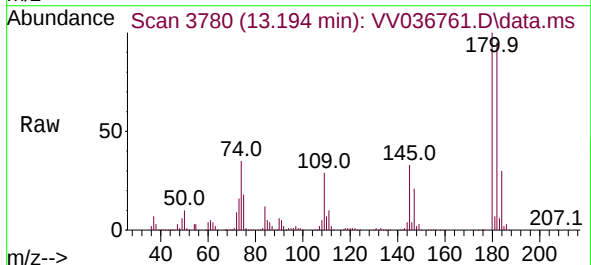
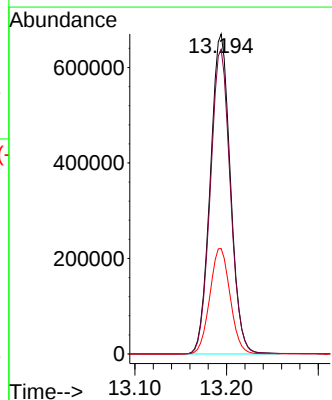
Tgt Ion:180 Resp: 1020273

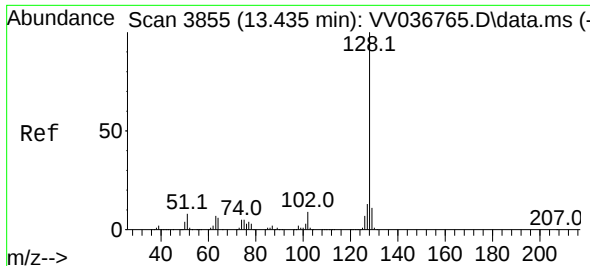
Ion Ratio Lower Upper

180 100

182 94.8 75.1 112.7

145 33.4 26.5 39.7

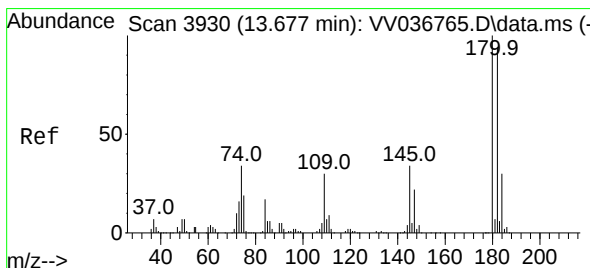
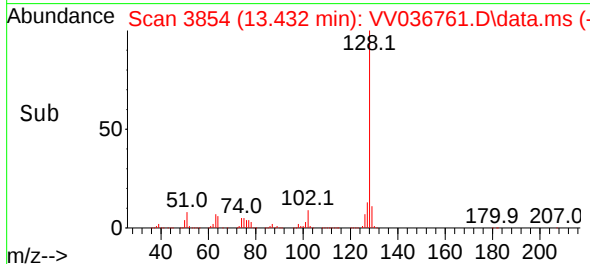
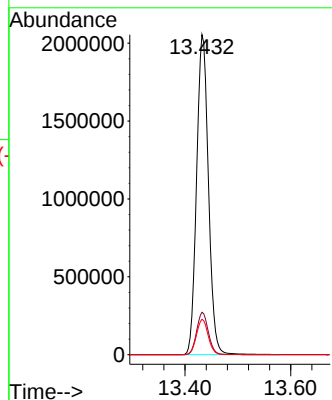
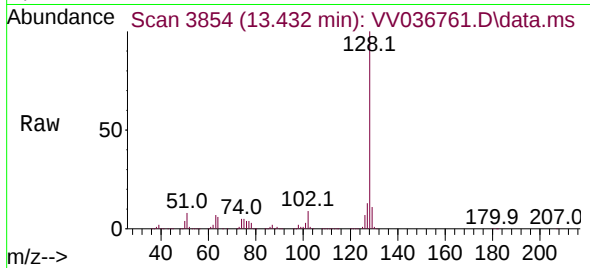




#71
Naphthalene
Concen: 218.194 ug/L
RT: 13.432 min Scan# 3855
Delta R.T. -0.003 min
Lab File: VV036761.D
Acq: 02 Aug 2024 11:47

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 3188667
Ion Ratio Lower Upper
128 100
127 13.1 10.5 15.7
129 10.9 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 219.058 ug/L
RT: 13.676 min Scan# 3930
Delta R.T. -0.000 min
Lab File: VV036761.D
Acq: 02 Aug 2024 11:47

Tgt Ion:180 Resp: 994399
Ion Ratio Lower Upper
180 100
182 95.2 76.2 114.2
145 34.9 27.8 41.6

