

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072524\
 Data File : VV036672.D
 Acq On : 24 Jul 2024 18:36
 Operator : SY/MD
 Sample : VSTD200
 Misc : 5.00mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 25 02:29:25 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072424WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jul 25 02:25:25 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	386589	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	400395	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.182	152	250784	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	559302	187.613	ug/L	0.00
7) Chloroethane-d5	1.513	69	471065	261.780	ug/L	-0.01
11) 1,1-Dichloroethene-d2	2.047	65	264443	210.642	ug/L	0.00
21) 2-Butanone-d5	3.770	46	663759	431.791	ug/L	0.00
24) Chloroform-d	4.236	84	1154435	221.461	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.931	65	703948	231.025	ug/L	0.00
32) Benzene-d6	4.950	84	2172962	211.237	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.979	67	615857	196.602	ug/L	0.00
41) Toluene-d8	7.236	98	2219544	235.293	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.545	79	372424	248.281	ug/L	0.00
47) 2-Hexanone-d5	8.018	63	595520	623.198	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.149	84	994255	220.649	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.555	152	1048296	237.059	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.102	85	710551	241.139	ug/L	100
3) Chloromethane	1.211	50	510748	182.317	ug/L	99
5) Vinyl chloride	1.278	62	652556	215.134	ug/L	99
6) Bromomethane	1.465	94	270234	139.322	ug/L	99
8) Chloroethane	1.529	64	431505	301.293	ug/L	100
9) Trichlorofluoromethane	1.700	101	1130031	259.926	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.057	101	665269	247.652	ug/L	99
12) 1,1-Dichloroethene	2.060	96	616426	256.380	ug/L	94
13) Acetone	2.105	43	502574	287.825	ug/L	100
14) Carbon disulfide	2.230	76	1570513	240.021	ug/L	100
15) Methyl Acetate	2.365	43	476585	174.183	ug/L	99
16) Methylene chloride	2.436	84	606953	209.383	ug/L	98
17) trans-1,2-Dichloroethene	2.683	96	611943	243.334	ug/L	99
18) Methyl tert-butyl Ether	2.696	73	1821816	225.059	ug/L	99
19) 1,1-Dichloroethane	3.101	63	971841	196.234	ug/L	100
20) cis-1,2-Dichloroethene	3.802	96	700327	250.261	ug/L	98
22) 2-Butanone	3.851	43	699646	357.284	ug/L	97
23) Bromochloromethane	4.134	128	395204	247.177	ug/L	99
25) Chloroform	4.265	83	1163895	220.428	ug/L	100
27) 1,2-Dichloroethane	5.031	62	878564	227.123	ug/L	100
29) Cyclohexane	4.574	56	781113	220.222	ug/L	99
30) 1,1,1-Trichloroethane	4.503	97	1072400	231.025	ug/L	99
31) Carbon tetrachloride	4.725	117	1003475	243.770	ug/L	98
33) Benzene	4.998	78	2307492	216.394	ug/L	100
34) Trichloroethene	5.825	95	751052	247.856	ug/L	99
35) Methylcyclohexane	6.043	83	1025418	244.446	ug/L	99
37) 1,2-Dichloropropane	6.085	63	563025	194.969	ug/L	98
38) Bromodichloromethane	6.423	83	894976	220.473	ug/L	100
39) cis-1,3-Dichloropropene	6.947	75	1040161	236.500	ug/L	99
40) 4-Methyl-2-pentanone	7.150	43	1396266	411.881	ug/L	99
42) Toluene	7.310	91	2699121	238.799	ug/L	99
44) trans-1,3-Dichloropropene	7.574	75	1036391	246.110	ug/L	99

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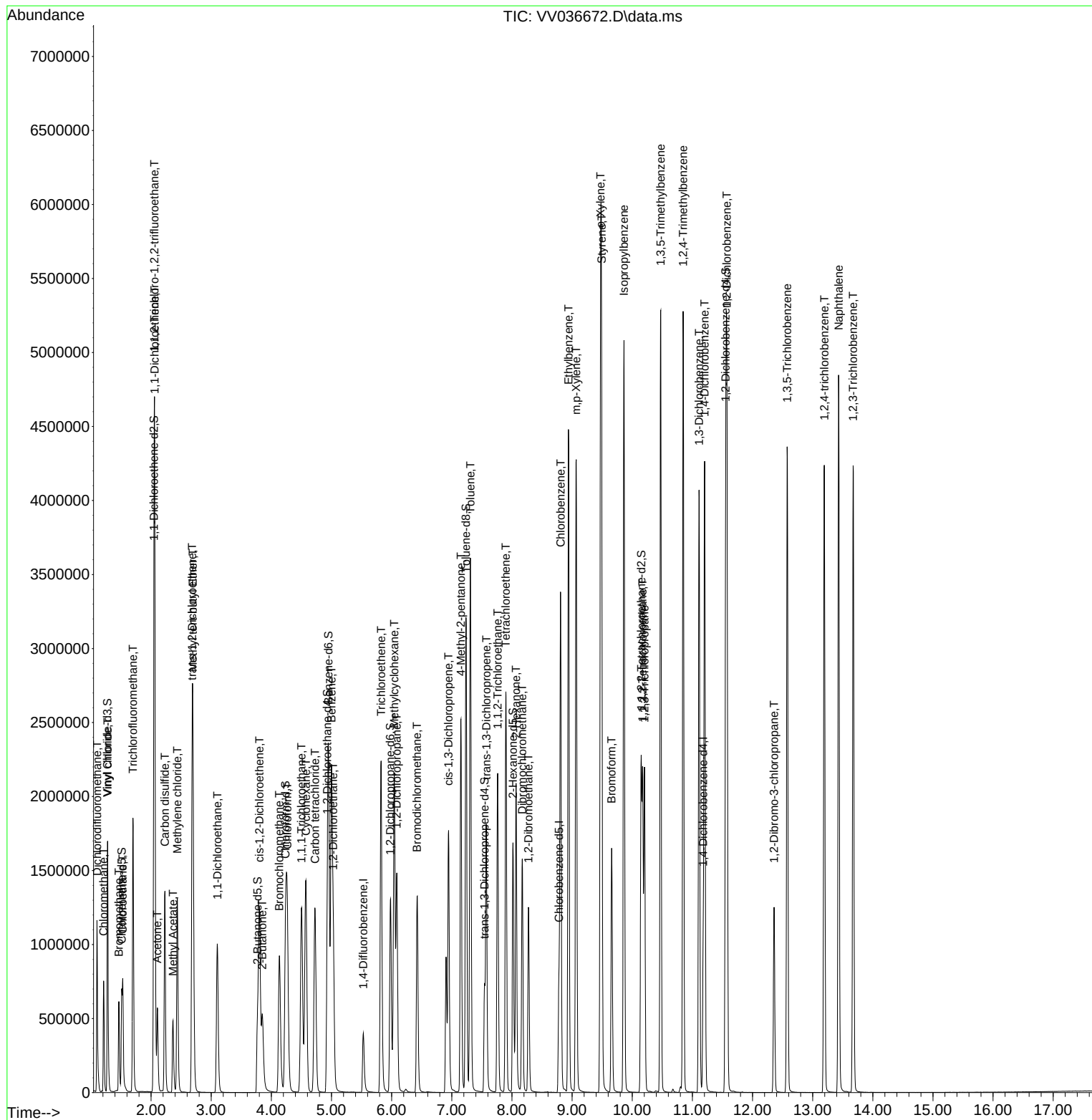
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.764	97	688681	219.606	ug/L	99
46) Tetrachloroethene	7.899	164	644968	268.717	ug/L	99
48) 2-Hexanone	8.069	43	1095201	383.953	ug/L	97
49) Dibromochloromethane	8.172	129	827587	251.506	ug/L	97
50) 1,2-Dibromoethane	8.275	107	800786	246.647	ug/L	100
51) Chlorobenzene	8.809	112	1912373	238.536	ug/L	99
52) Ethylbenzene	8.940	91	3095359	251.749	ug/L	99
53) m,p-Xylene	9.069	106	1247199	265.544	ug/L	98
54) o-Xylene	9.474	106	1222750	266.564	ug/L	99
55) Styrene	9.490	104	2139044	270.270	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.172	83	978994	202.003	ug/L	99
59) Bromoform	9.657	173	754909	247.113	ug/L	100
60) Isopropylbenzene	9.863	105	3290802	229.609	ug/L	99
61) 1,2,3-Trichloropropane	10.204	75	845785	183.943	ug/L	100
62) 1,3,5-Trimethylbenzene	10.474	105	2796128	243.689	ug/L	99
63) 1,2,4-Trimethylbenzene	10.847	105	2817196	250.181	ug/L	99
64) 1,3-Dichlorobenzene	11.111	146	1737320	231.182	ug/L	99
65) 1,4-Dichlorobenzene	11.204	146	1779906	225.260	ug/L	99
67) 1,2-Dichlorobenzene	11.574	146	1756151	229.305	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.358	75	290101	264.965	ug/L	98
69) 1,3,5-Trichlorobenzene	12.577	180	1430299	265.862	ug/L	99
70) 1,2,4-trichlorobenzene	13.194	180	1355104	310.140	ug/L	100
71) Naphthalene	13.432	128	3851081	373.844	ug/L	99
72) 1,2,3-Trichlorobenzene	13.673	180	1360702	310.606	ug/L	100

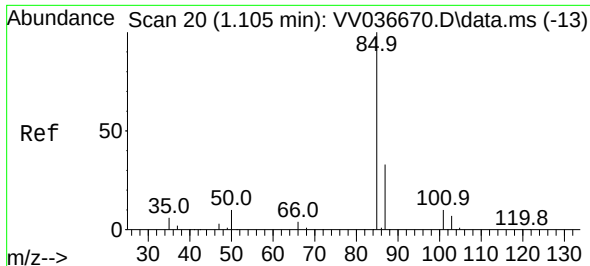
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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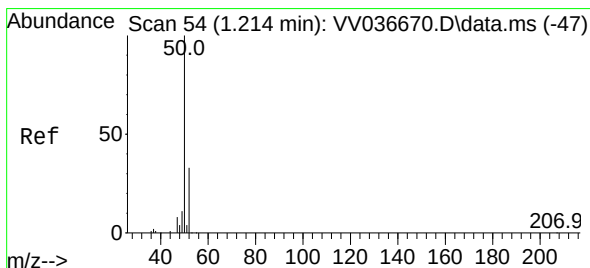
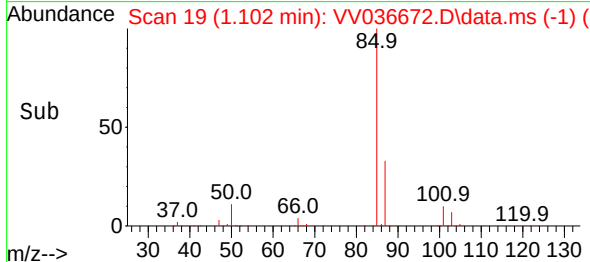
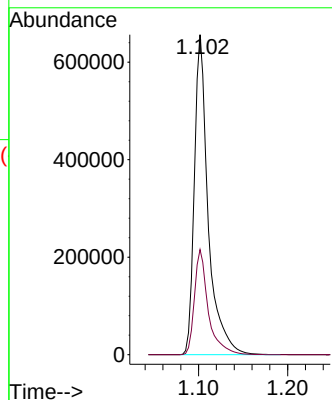
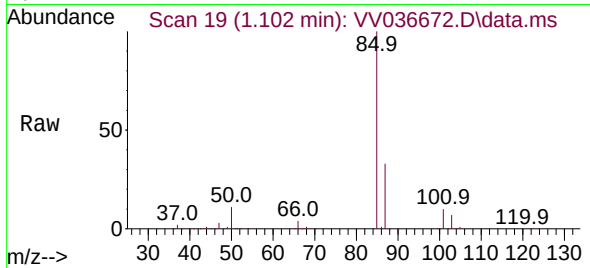




#2
 Dichlorodifluoromethane
 Concen: 241.139 ug/L
 RT: 1.102 min Scan# 1
 Delta R.T. -0.003 min
 Lab File: VV036672.D
 Acq: 24 Jul 2024 18:36

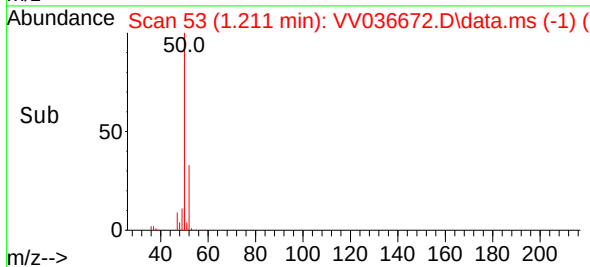
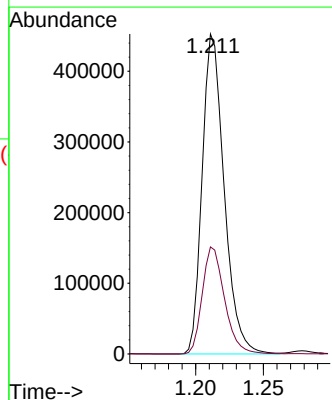
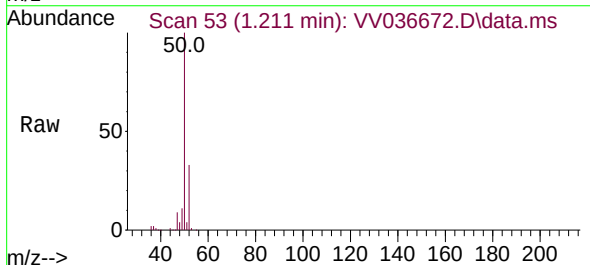
Instrument :
 MSVOA_V
 ClientSampleId :

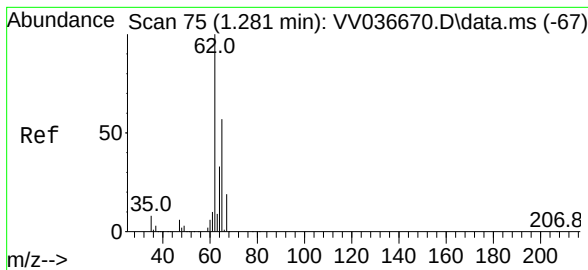
Tgt Ion: 85 Resp: 710551
 Ion Ratio Lower Upper
 85 100
 87 32.8 26.4 39.6



#3
 Chloromethane
 Concen: 182.317 ug/L
 RT: 1.211 min Scan# 53
 Delta R.T. -0.003 min
 Lab File: VV036672.D
 Acq: 24 Jul 2024 18:36

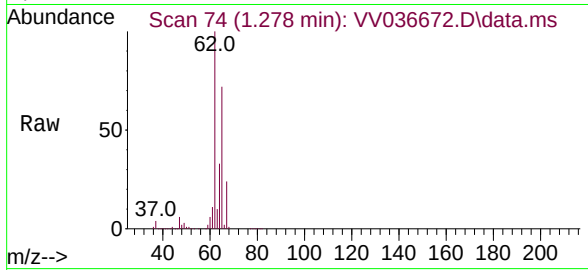
Tgt Ion: 50 Resp: 510748
 Ion Ratio Lower Upper
 50 100
 52 33.4 23.2 43.0



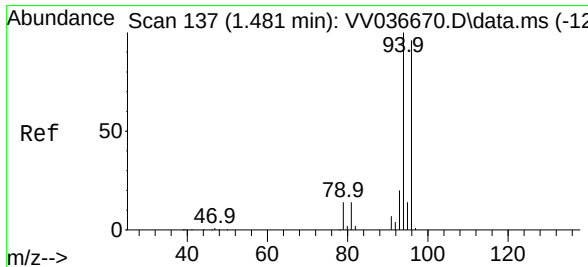
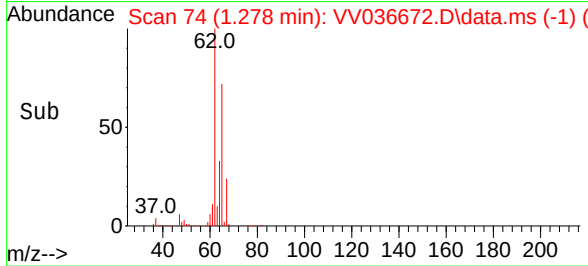
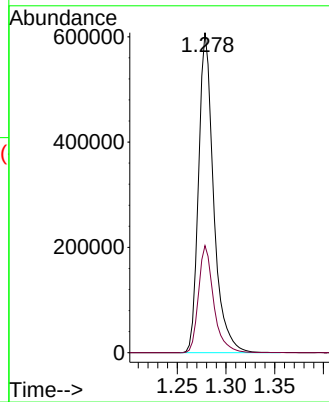


#5
 Vinyl chloride
 Concen: 215.134 ug/L
 RT: 1.278 min Scan# 74
 Delta R.T. -0.003 min
 Lab File: VV036672.D
 Acq: 24 Jul 2024 18:36

Instrument :
 MSVOA_V
 ClientSampleId :

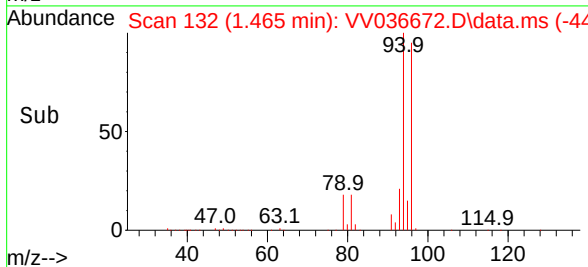
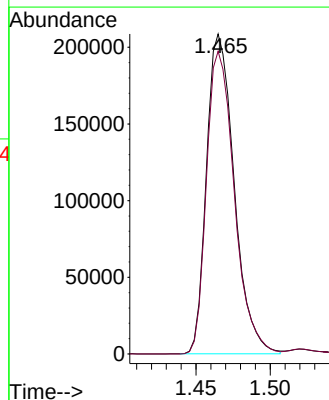
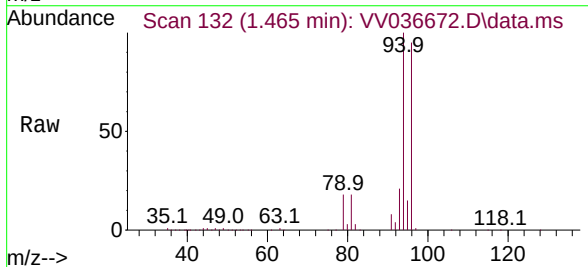


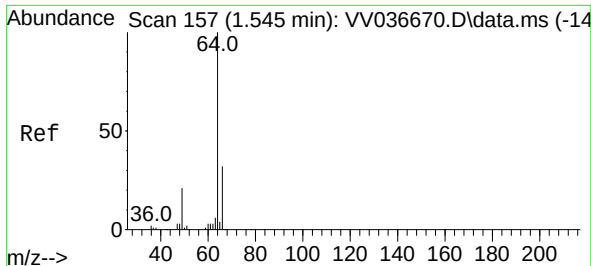
Tgt Ion: 62 Resp: 652556
 Ion Ratio Lower Upper
 62 100
 64 33.5 23.1 42.9



#6
 Bromomethane
 Concen: 139.322 ug/L
 RT: 1.465 min Scan# 132
 Delta R.T. -0.016 min
 Lab File: VV036672.D
 Acq: 24 Jul 2024 18:36

Tgt Ion: 94 Resp: 270234
 Ion Ratio Lower Upper
 94 100
 96 94.6 66.8 124.2

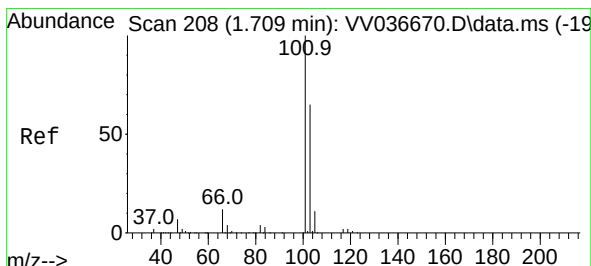
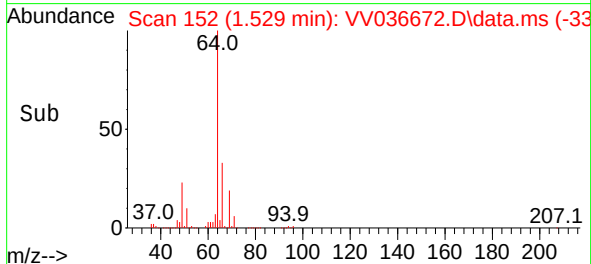
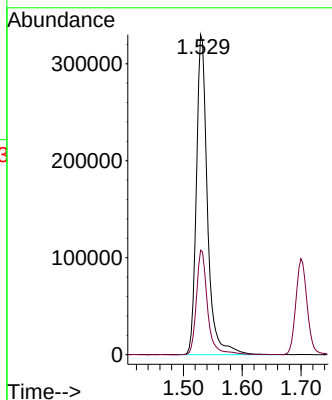
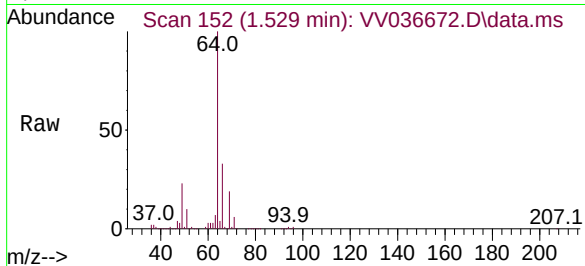




#8
Chloroethane
Concen: 301.293 ug/L
RT: 1.529 min Scan# 11
Delta R.T. -0.016 min
Lab File: VV036672.D
Acq: 24 Jul 2024 18:36

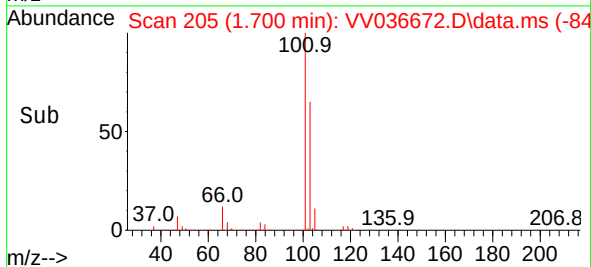
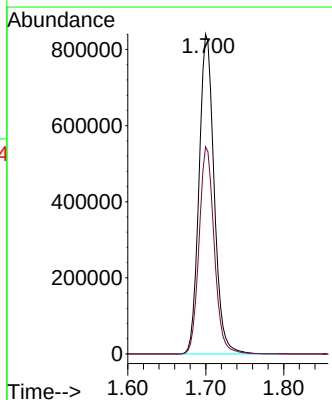
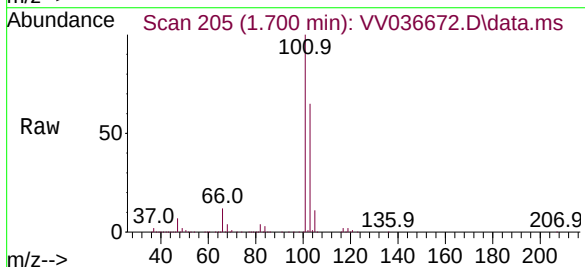
Instrument :
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ClientSampleId :

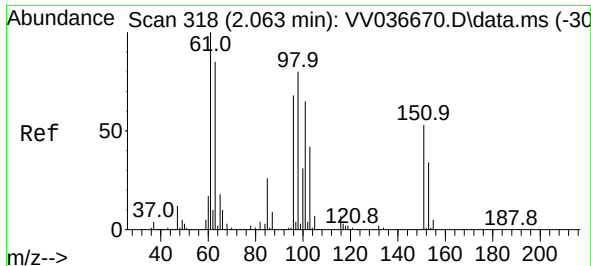
Tgt Ion: 64 Resp: 431505
Ion Ratio Lower Upper
64 100
66 32.7 22.8 42.4



#9
Trichlorofluoromethane
Concen: 259.926 ug/L
RT: 1.700 min Scan# 205
Delta R.T. -0.009 min
Lab File: VV036672.D
Acq: 24 Jul 2024 18:36

Tgt Ion:101 Resp: 1130031
Ion Ratio Lower Upper
101 100
103 65.0 52.2 78.4

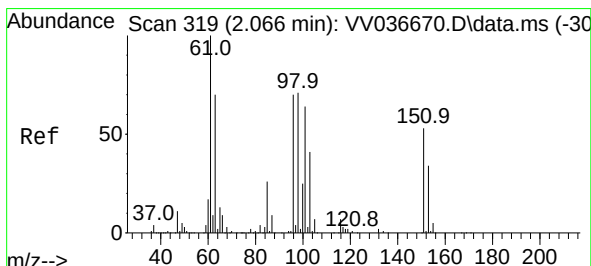
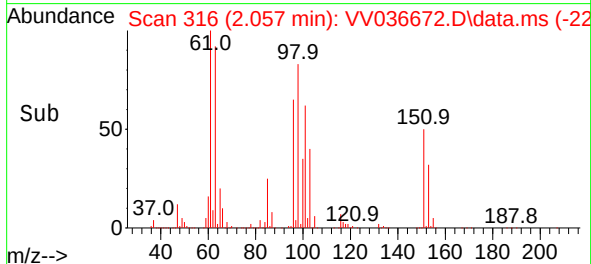
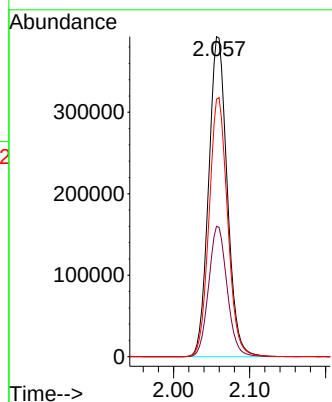
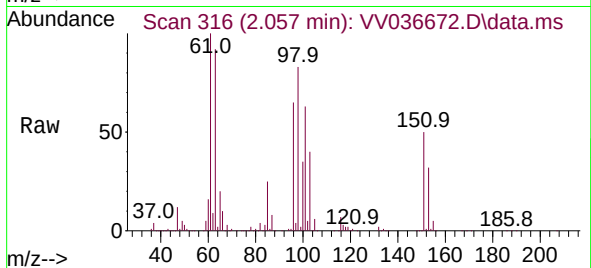




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 247.652 ug/L
RT: 2.057 min Scan# 316
Delta R.T. -0.006 min
Lab File: VV036672.D
Acq: 24 Jul 2024 18:36

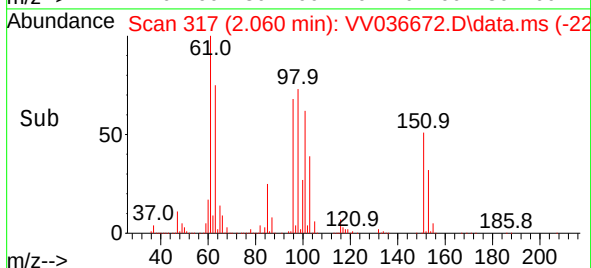
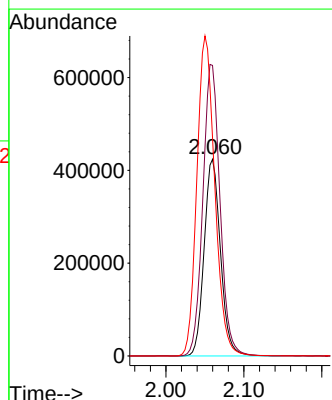
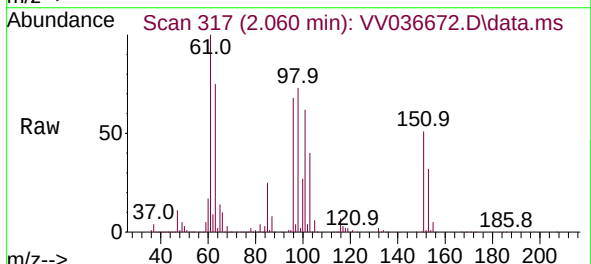
Instrument :
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ClientSampleId :

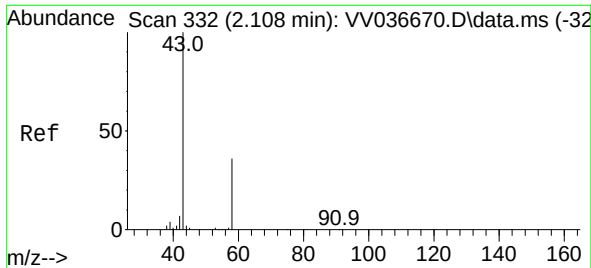
Tgt Ion:101 Resp: 665269
Ion Ratio Lower Upper
101 100
85 40.6 32.4 48.6
151 80.8 65.7 98.5



#12
1,1-Dichloroethene
Concen: 256.380 ug/L
RT: 2.060 min Scan# 317
Delta R.T. -0.006 min
Lab File: VV036672.D
Acq: 24 Jul 2024 18:36

Tgt Ion: 96 Resp: 616426
Ion Ratio Lower Upper
96 100
61 147.7 100.4 186.4
63 111.1 70.8 131.4





#13

Acetone

Concen: 287.825 ug/L

RT: 2.105 min Scan# 30

Delta R.T. -0.003 min

Lab File: VV036672.D

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Instrument :

MSVOA_V

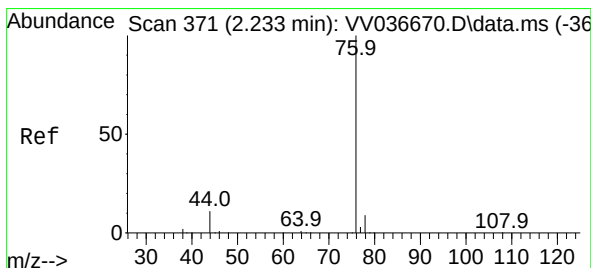
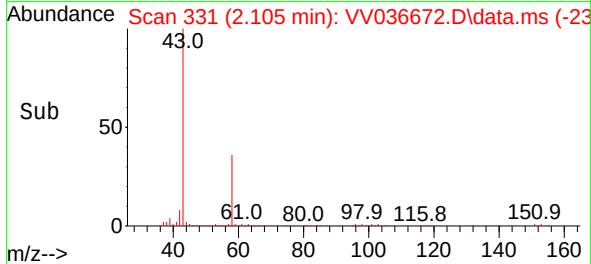
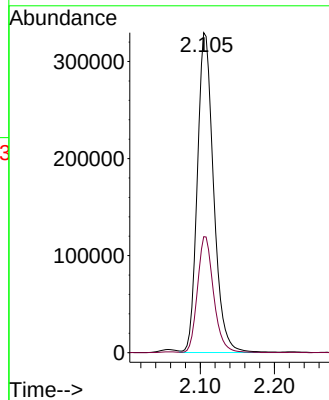
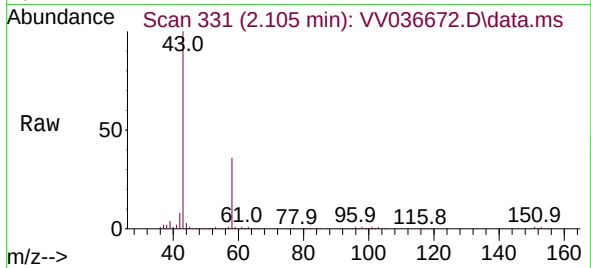
ClientSampleId :

Tgt Ion: 43 Resp: 502574

Ion Ratio Lower Upper

43 100

58 36.1 0.0 72.4



#14

Carbon disulfide

Concen: 240.021 ug/L

RT: 2.230 min Scan# 370

Delta R.T. -0.003 min

Lab File: VV036672.D

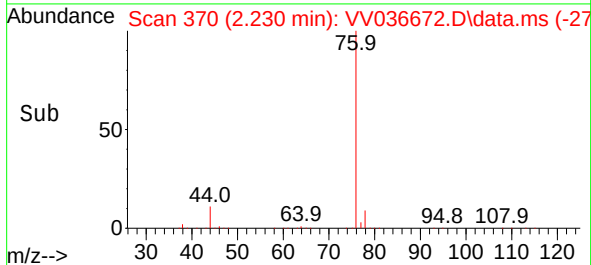
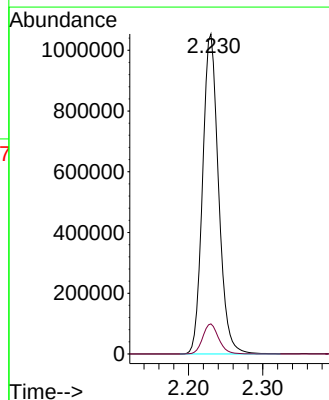
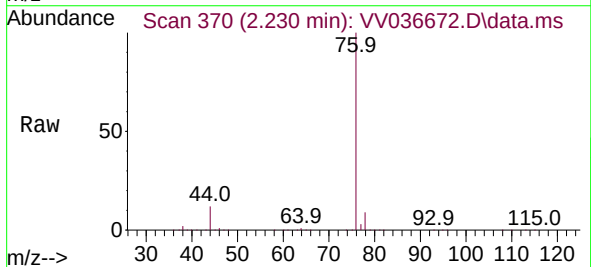
Acq: 24 Jul 2024 18:36

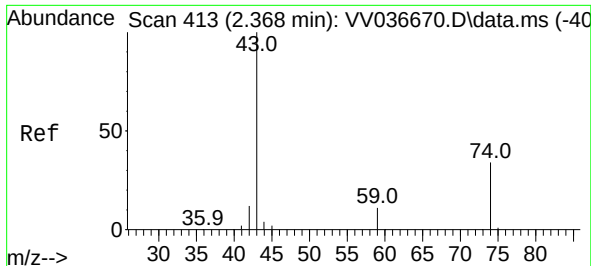
Tgt Ion: 76 Resp: 1570513

Ion Ratio Lower Upper

76 100

78 9.4 7.4 11.2





#15

Methyl Acetate

Concen: 174.183 ug/L

RT: 2.365 min Scan# 41

Delta R.T. -0.003 min

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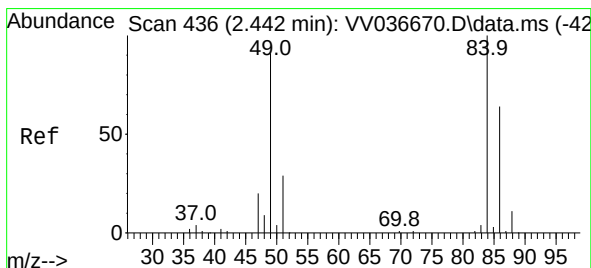
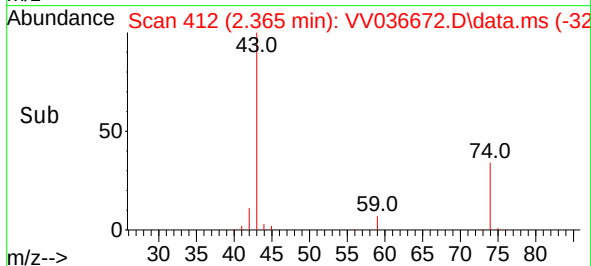
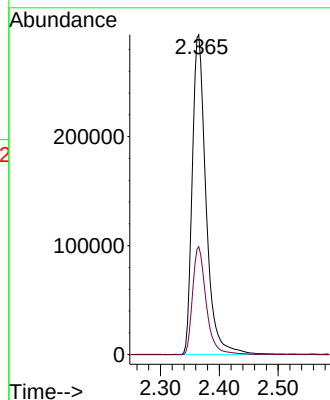
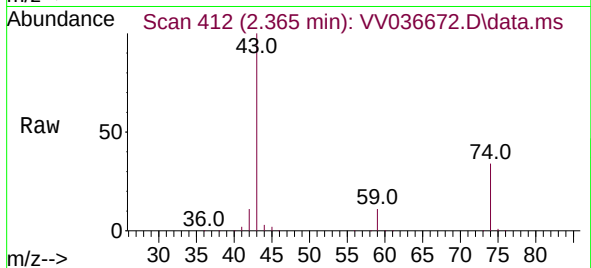
ClientSampleId :

Tgt Ion: 43 Resp: 476585

Ion Ratio Lower Upper

43 100

74 33.5 26.5 39.7



#16

Methylene chloride

Concen: 209.383 ug/L

RT: 2.436 min Scan# 434

Delta R.T. -0.006 min

Lab File: VV036672.D

Acq: 24 Jul 2024 18:36

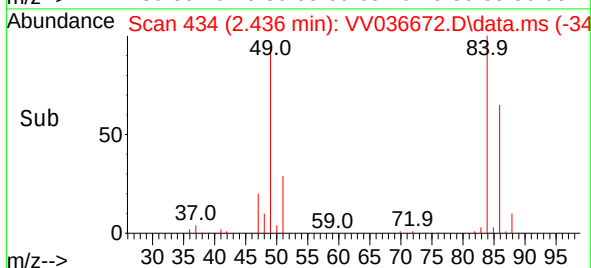
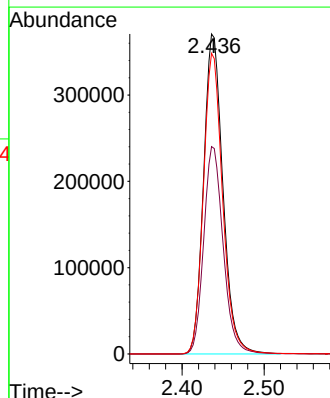
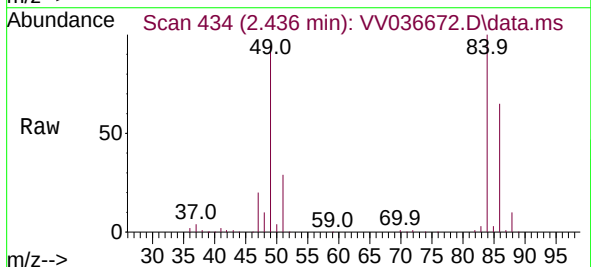
Tgt Ion: 84 Resp: 606953

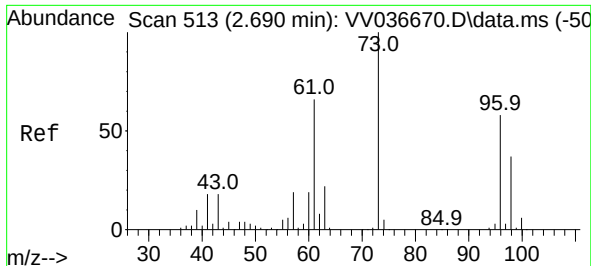
Ion Ratio Lower Upper

84 100

86 64.8 45.1 83.9

49 94.0 63.3 117.7





#17

trans-1,2-Dichloroethene

Concen: 243.334 ug/L

RT: 2.683 min Scan# 511

Delta R.T. -0.006 min

Lab File: VV036672.D

Acq: 24 Jul 2024 18:36

Instrument :

MSVOA_V

ClientSampleId :

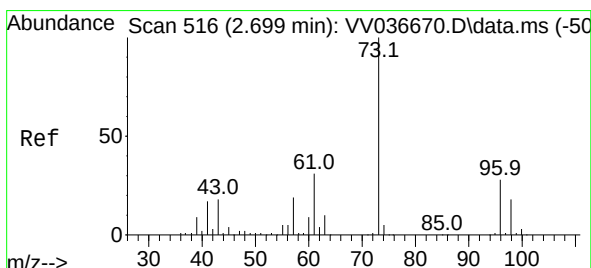
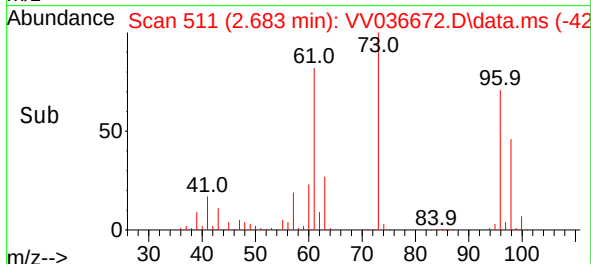
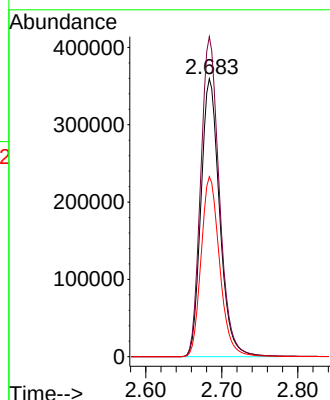
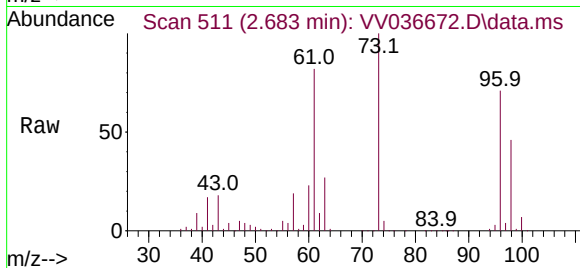
Tgt Ion: 96 Resp: 611943

Ion Ratio Lower Upper

96 100

61 115.1 80.2 148.9

98 64.8 44.5 82.7



#18

Methyl tert-butyl Ether

Concen: 225.059 ug/L

RT: 2.696 min Scan# 515

Delta R.T. -0.003 min

Lab File: VV036672.D

Acq: 24 Jul 2024 18:36

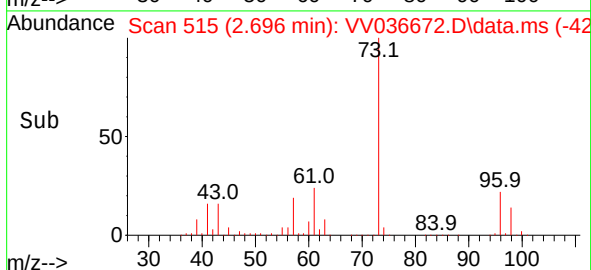
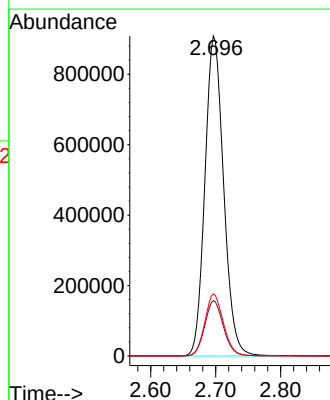
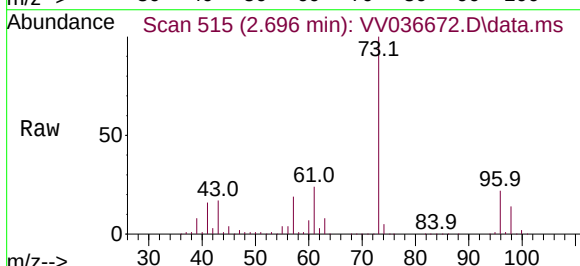
Tgt Ion: 73 Resp: 1821816

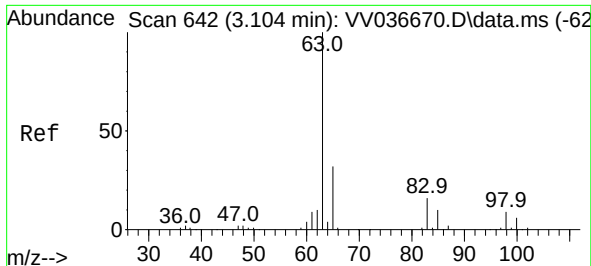
Ion Ratio Lower Upper

73 100

43 17.2 14.3 21.5

57 19.2 15.2 22.8





#19

1,1-Dichloroethane

Concen: 196.234 ug/L

RT: 3.101 min Scan# 641

Delta R.T. -0.003 min

Lab File: VV036672.D

Acq: 24 Jul 2024 18:36

Instrument :

MSVOA_V

ClientSampleId :

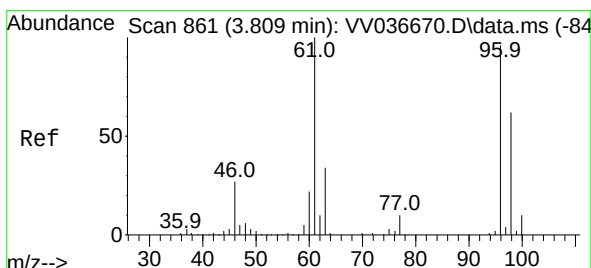
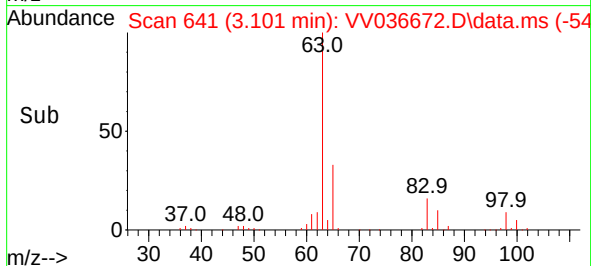
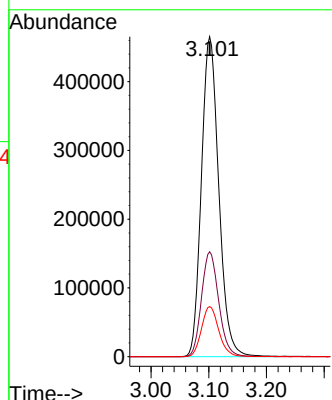
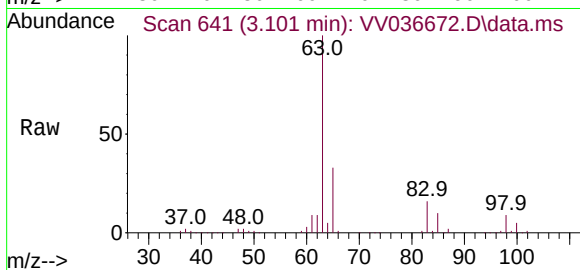
Tgt Ion: 63 Resp: 971841

Ion Ratio Lower Upper

63 100

65 32.8 22.7 42.3

83 15.6 11.0 20.4



#20

cis-1,2-Dichloroethene

Concen: 250.261 ug/L

RT: 3.802 min Scan# 859

Delta R.T. -0.006 min

Lab File: VV036672.D

Acq: 24 Jul 2024 18:36

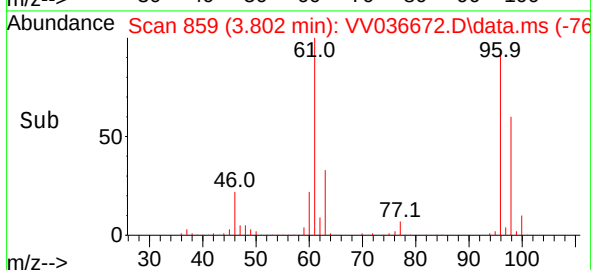
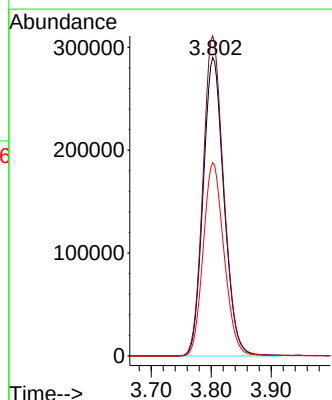
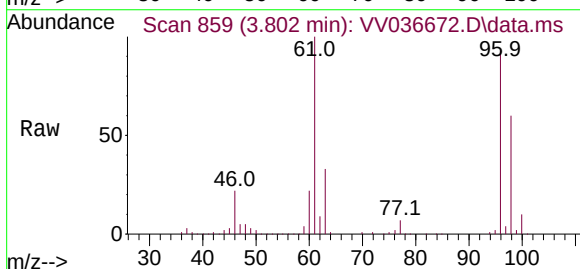
Tgt Ion: 96 Resp: 700327

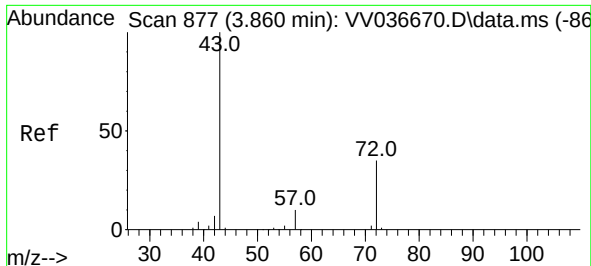
Ion Ratio Lower Upper

96 100

61 107.2 73.4 136.2

98 64.8 45.2 84.0

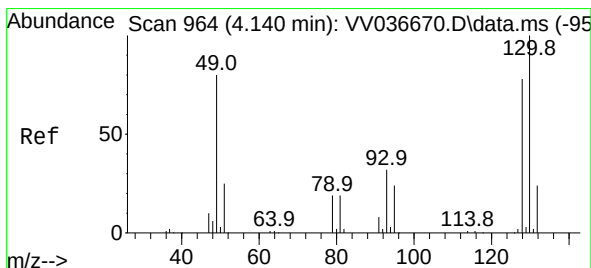
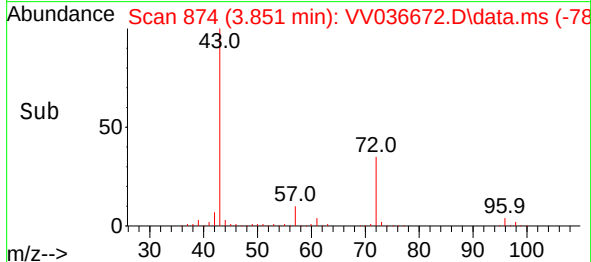
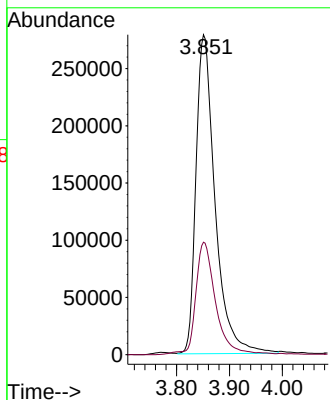
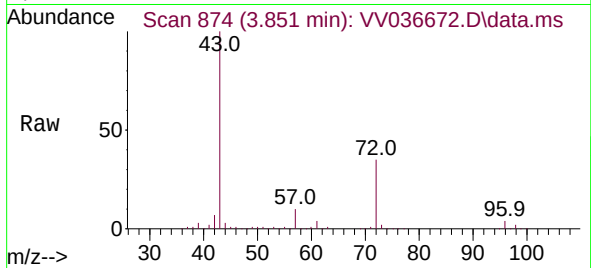




#22
2-Butanone
Concen: 357.284 ug/L
RT: 3.851 min Scan# 81
Delta R.T. -0.009 min
Lab File: VV036672.D
Acq: 24 Jul 2024 18:36

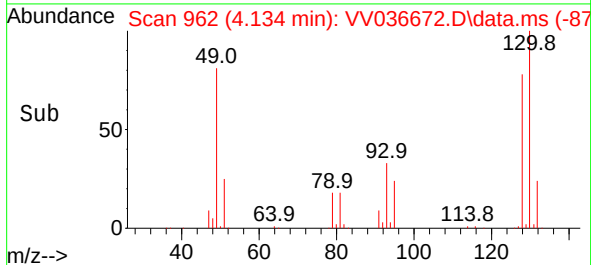
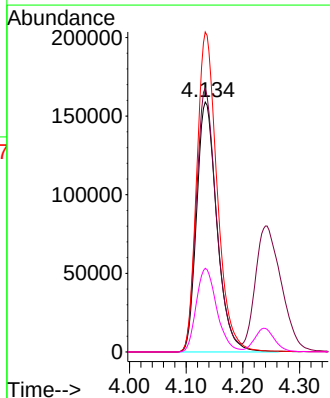
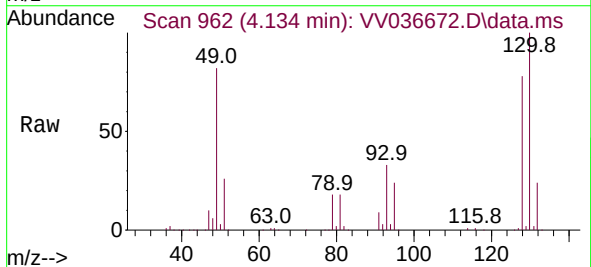
Instrument :
MSVOA_V
ClientSampleId :

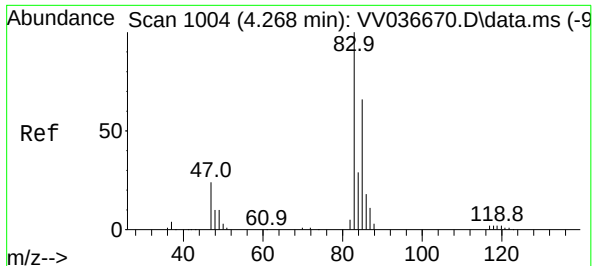
Tgt Ion: 43 Resp: 699646
Ion Ratio Lower Upper
43 100
72 36.3 17.2 51.6



#23
Bromochloromethane
Concen: 247.177 ug/L
RT: 4.134 min Scan# 962
Delta R.T. -0.006 min
Lab File: VV036672.D
Acq: 24 Jul 2024 18:36

Tgt Ion:128 Resp: 395204
Ion Ratio Lower Upper
128 100
49 105.5 72.2 134.0
130 128.1 90.2 167.6
51 33.5 26.0 39.0





#25

Chloroform

Concen: 220.428 ug/L

RT: 4.265 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV036672.D

Acq: 24 Jul 2024 18:36

Instrument :

MSVOA_V

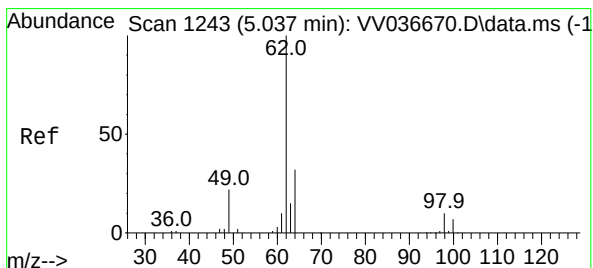
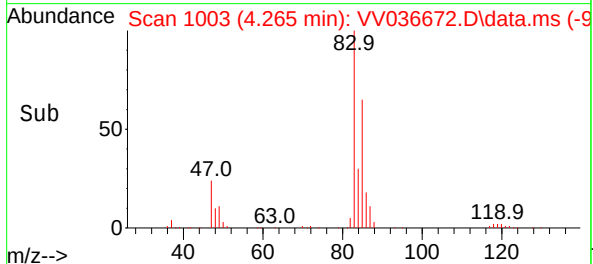
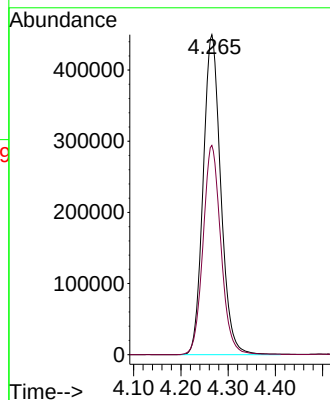
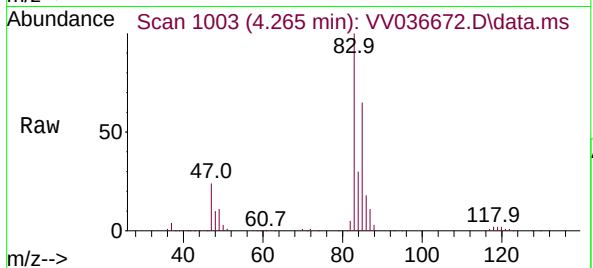
ClientSampleId :

Tgt Ion: 83 Resp: 1163895

Ion Ratio Lower Upper

83 100

85 65.4 46.0 85.4



#27

1,2-Dichloroethane

Concen: 227.123 ug/L

RT: 5.031 min Scan# 1241

Delta R.T. -0.006 min

Lab File: VV036672.D

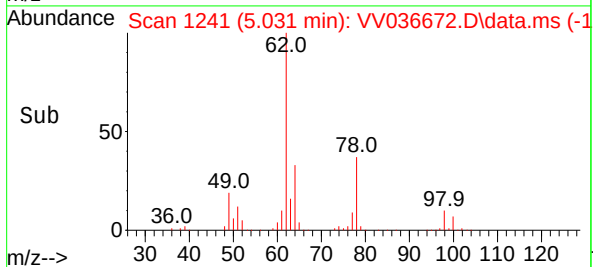
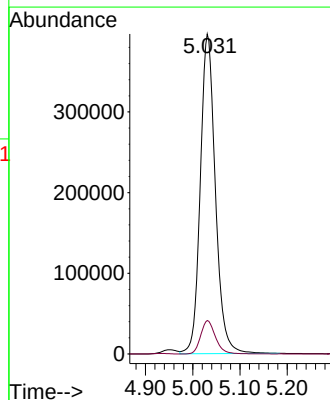
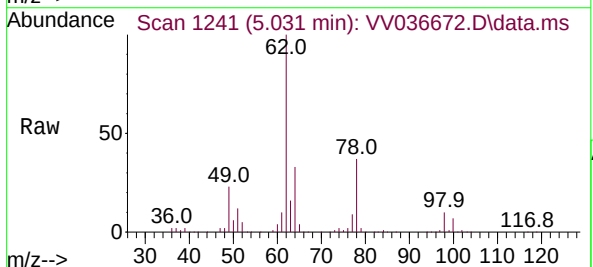
Acq: 24 Jul 2024 18:36

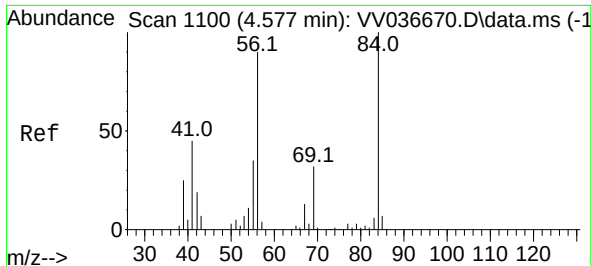
Tgt Ion: 62 Resp: 878564

Ion Ratio Lower Upper

62 100

98 10.5 8.3 12.5





#29

Cyclohexane

Concen: 220.222 ug/L

RT: 4.574 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV036672.D

Acq: 24 Jul 2024 18:36

Instrument :

MSVOA_V

ClientSampleId :

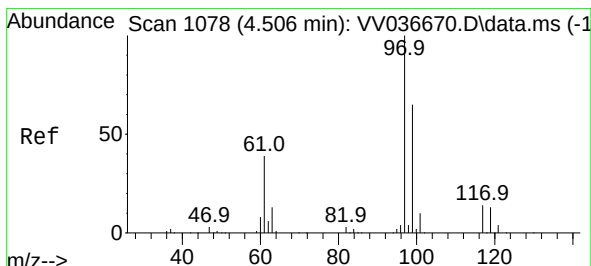
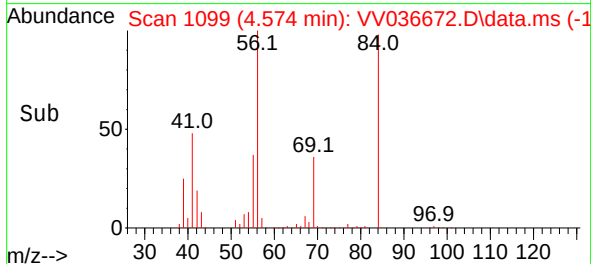
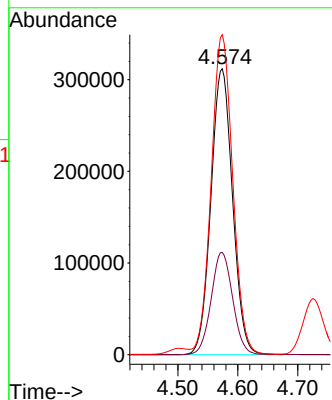
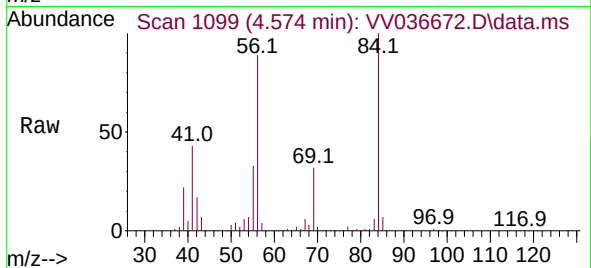
Tgt Ion: 56 Resp: 781113

Ion Ratio Lower Upper

56 100

69 35.7 28.8 43.2

84 111.5 90.5 135.7



#30

1,1,1-Trichloroethane

Concen: 231.025 ug/L

RT: 4.503 min Scan# 1077

Delta R.T. -0.003 min

Lab File: VV036672.D

Acq: 24 Jul 2024 18:36

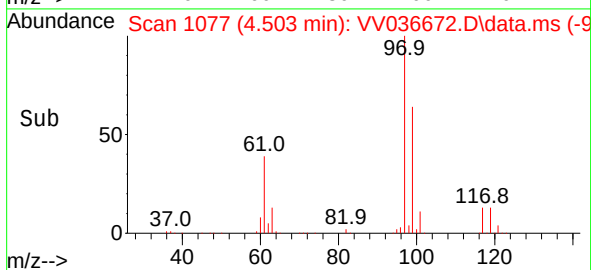
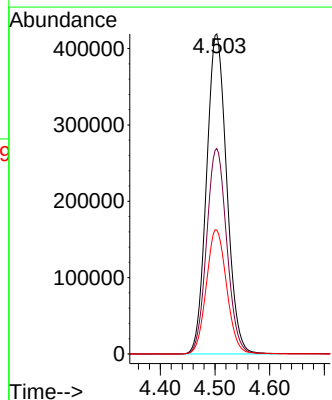
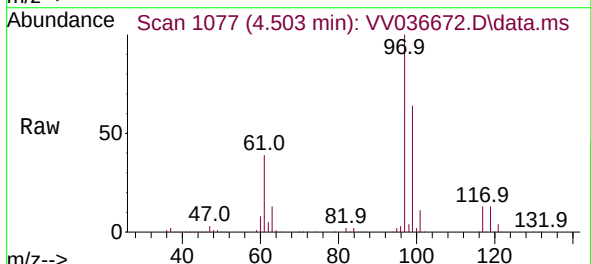
Tgt Ion: 97 Resp: 1072400

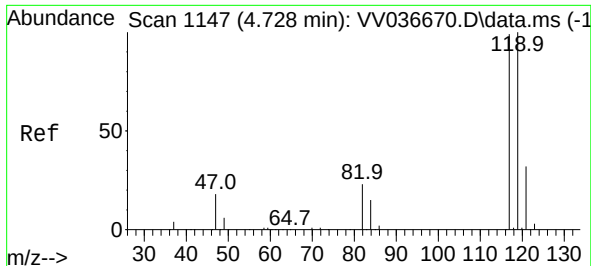
Ion Ratio Lower Upper

97 100

99 64.4 52.1 78.1

61 39.3 31.6 47.4

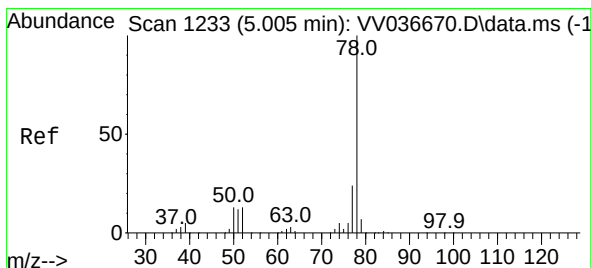
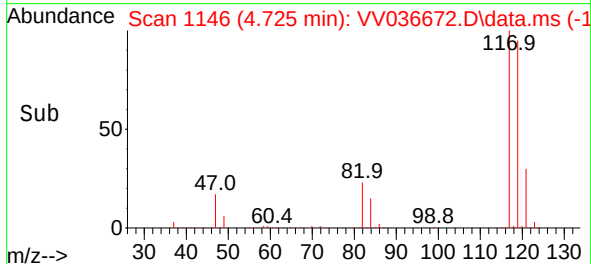
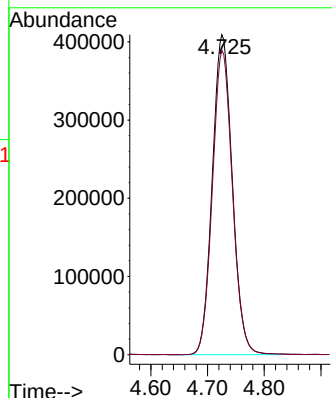
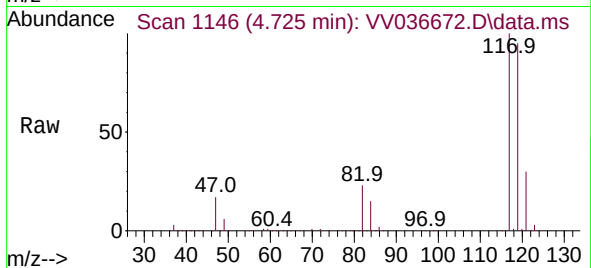




#31
Carbon tetrachloride
Concen: 243.770 ug/L
RT: 4.725 min Scan# 1146
Delta R.T. -0.003 min
Lab File: VV036672.D
Acq: 24 Jul 2024 18:36

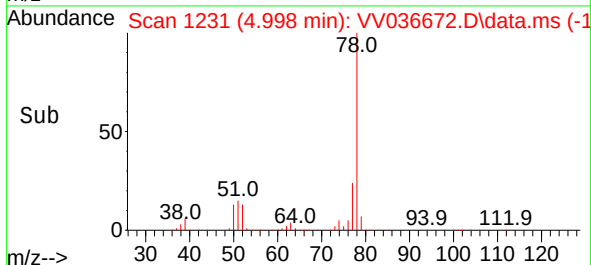
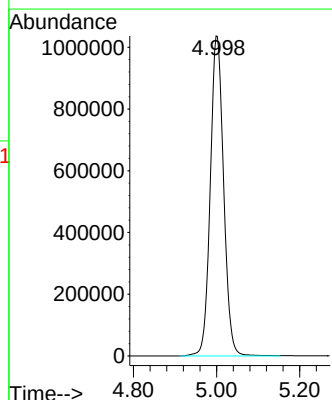
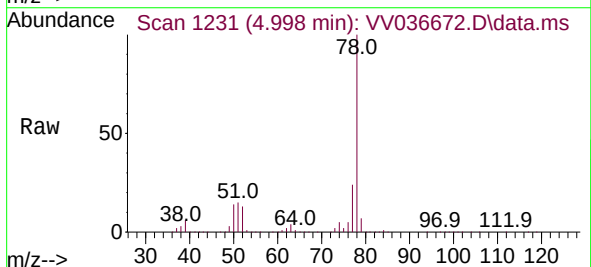
Instrument :
MSVOA_V
ClientSampleId :

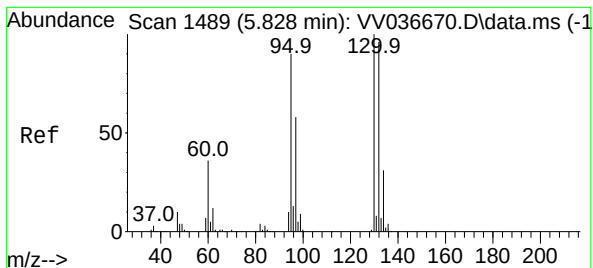
Tgt Ion:117 Resp: 1003475
Ion Ratio Lower Upper
117 100
119 95.2 77.9 116.9



#33
Benzene
Concen: 216.394 ug/L
RT: 4.998 min Scan# 1231
Delta R.T. -0.006 min
Lab File: VV036672.D
Acq: 24 Jul 2024 18:36

Tgt Ion: 78 Resp: 2307492





#34

Trichloroethene

Concen: 247.856 ug/L

RT: 5.825 min Scan# 1489

Delta R.T. -0.003 min

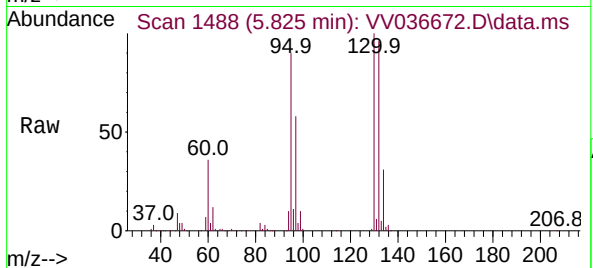
Lab File: VV036672.D

Acq: 24 Jul 2024 18:36

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 95 Resp: 751052

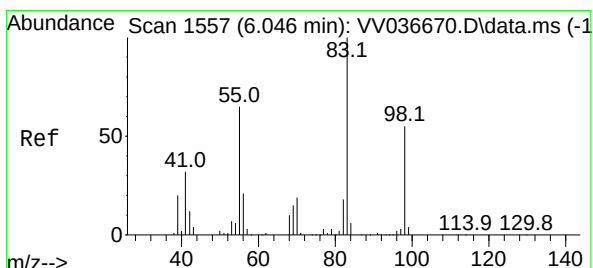
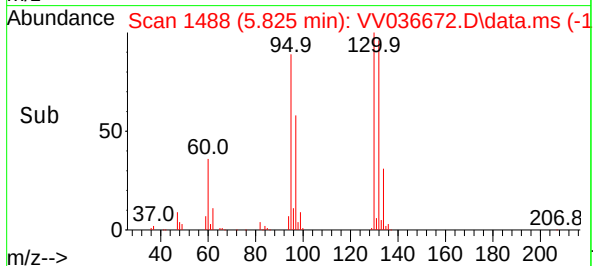
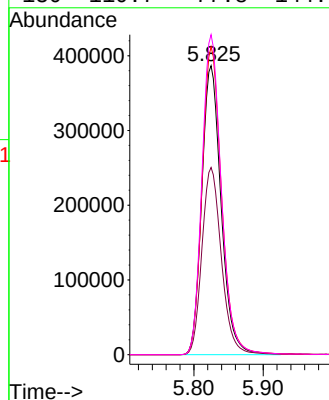
Ion Ratio Lower Upper

95 100

97 64.8 44.7 83.1

132 106.6 74.3 138.1

130 110.7 77.8 144.4



#35

Methylcyclohexane

Concen: 244.446 ug/L

RT: 6.043 min Scan# 1556

Delta R.T. -0.003 min

Lab File: VV036672.D

Acq: 24 Jul 2024 18:36

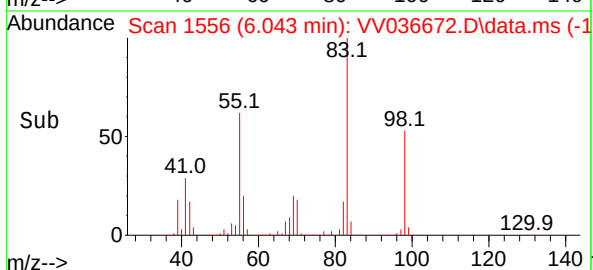
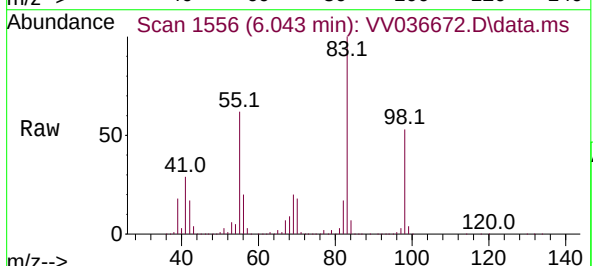
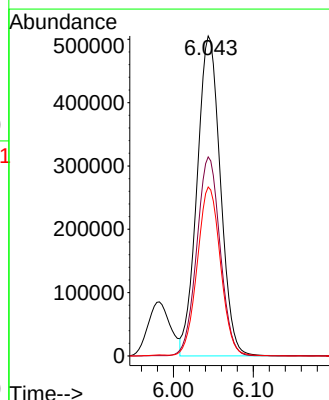
Tgt Ion: 83 Resp: 1025418

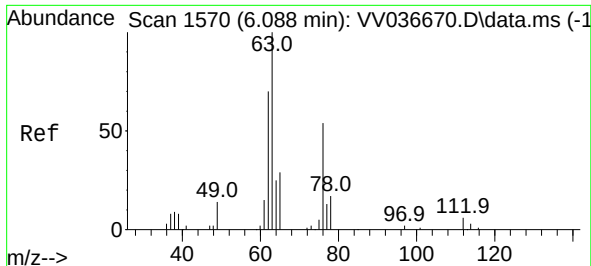
Ion Ratio Lower Upper

83 100

55 62.3 49.9 74.9

98 52.9 41.6 62.4

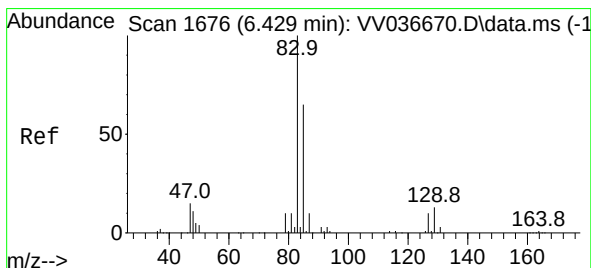
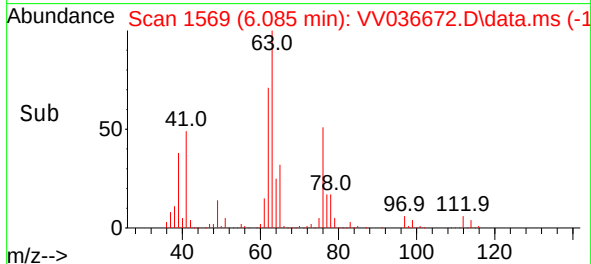
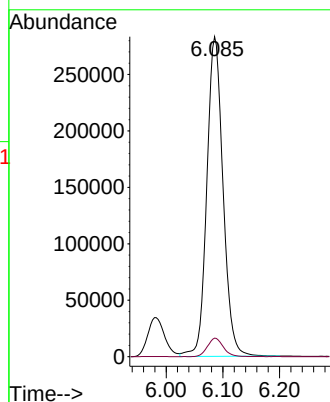
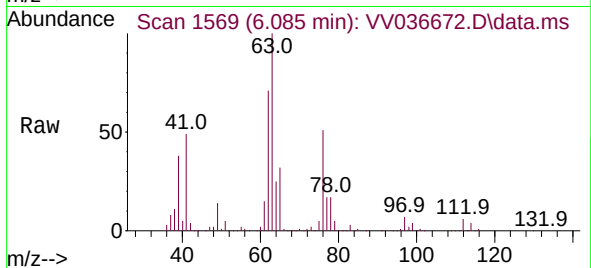




#37
1,2-Dichloropropane
Concen: 194.969 ug/L
RT: 6.085 min Scan# 1569
Delta R.T. -0.003 min
Lab File: VV036672.D
Acq: 24 Jul 2024 18:36

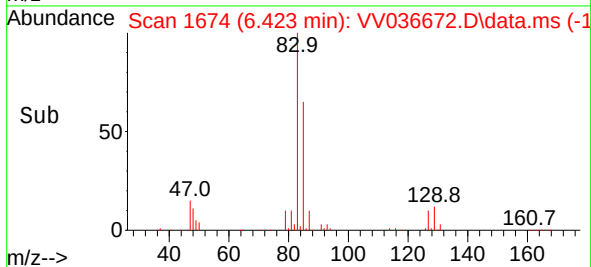
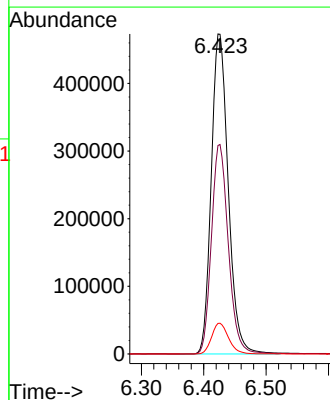
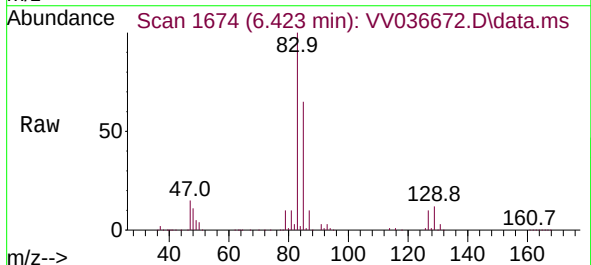
Instrument :
MSVOA_V
ClientSampleId :

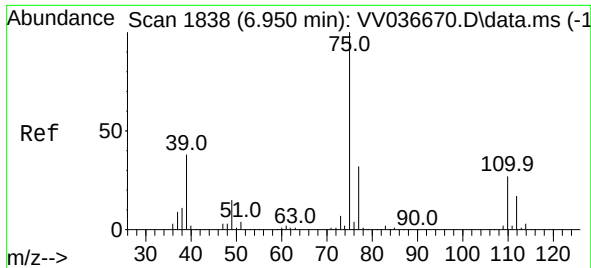
Tgt Ion: 63 Resp: 563025
Ion Ratio Lower Upper
63 100
112 5.7 5.1 7.7



#38
Bromodichloromethane
Concen: 220.473 ug/L
RT: 6.423 min Scan# 1674
Delta R.T. -0.006 min
Lab File: VV036672.D
Acq: 24 Jul 2024 18:36

Tgt Ion: 83 Resp: 894976
Ion Ratio Lower Upper
83 100
85 65.2 45.6 84.6
127 9.6 7.8 11.6





#39

cis-1,3-Dichloropropene

Concen: 236.500 ug/L

RT: 6.947 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV036672.D

Acq: 24 Jul 2024 18:36

Instrument :

MSVOA_V

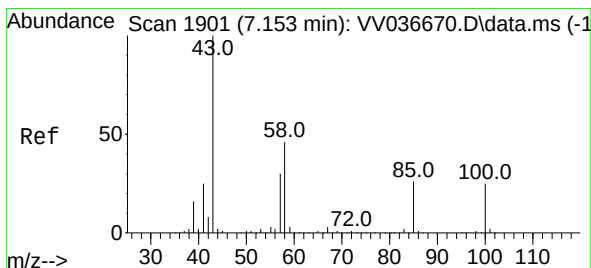
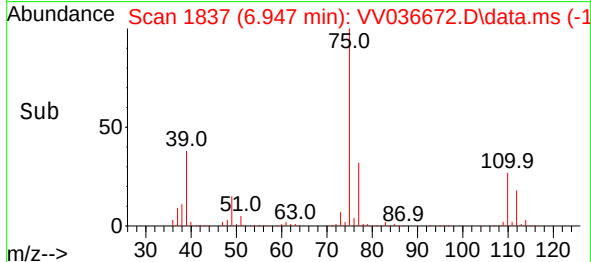
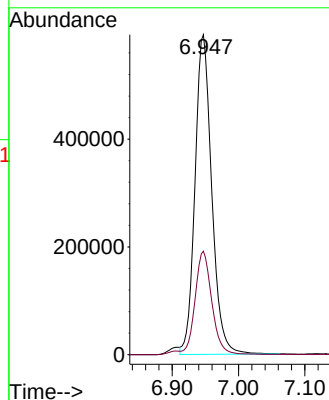
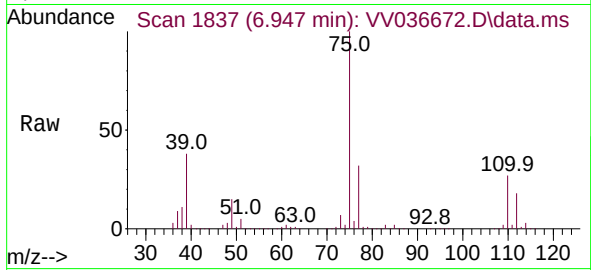
ClientSampleId :

Tgt Ion: 75 Resp: 1040161

Ion Ratio Lower Upper

75 100

77 32.4 22.3 41.3



#40

4-Methyl-2-pentanone

Concen: 411.881 ug/L

RT: 7.150 min Scan# 1900

Delta R.T. -0.003 min

Lab File: VV036672.D

Acq: 24 Jul 2024 18:36

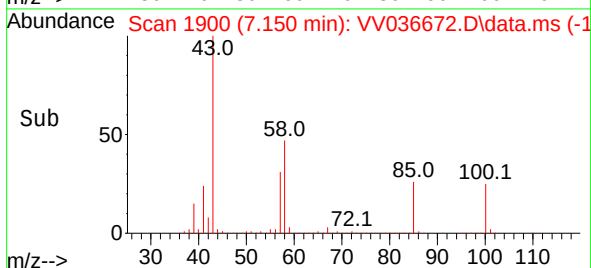
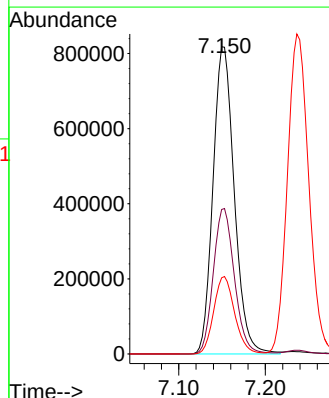
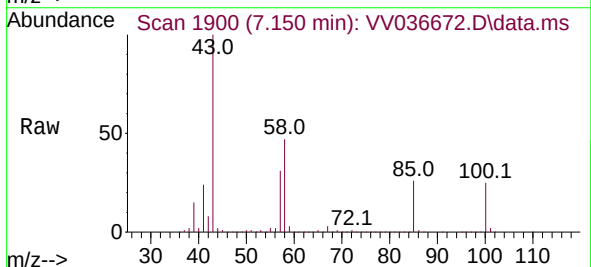
Tgt Ion: 43 Resp: 1396266

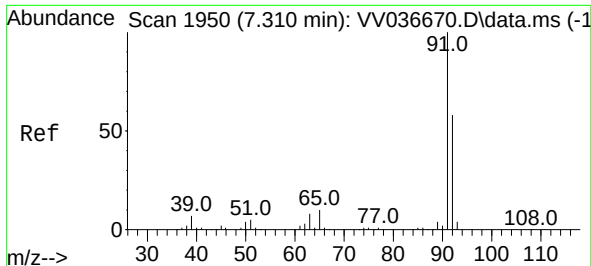
Ion Ratio Lower Upper

43 100

58 47.0 36.6 54.8

100 24.8 19.6 29.4





#42

Toluene

Concen: 238.799 ug/L

RT: 7.310 min Scan# 1950

Delta R.T. 0.000 min

Lab File: VV036672.D

Acq: 24 Jul 2024 18:36

Instrument :

MSVOA_V

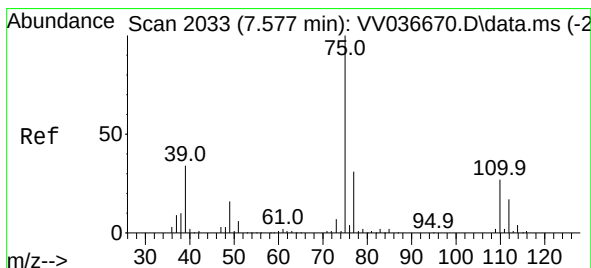
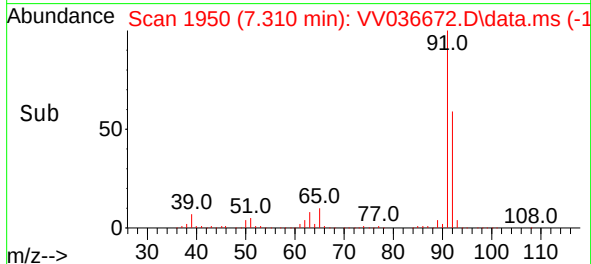
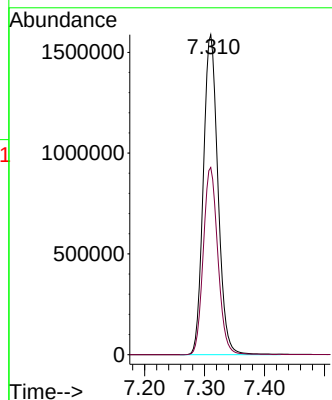
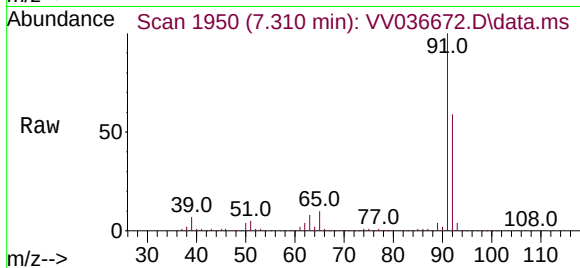
ClientSampleId :

Tgt Ion: 91 Resp: 2699121

Ion Ratio Lower Upper

91 100

92 58.5 40.6 75.4



#44

trans-1,3-Dichloropropene

Concen: 246.110 ug/L

RT: 7.574 min Scan# 2032

Delta R.T. -0.003 min

Lab File: VV036672.D

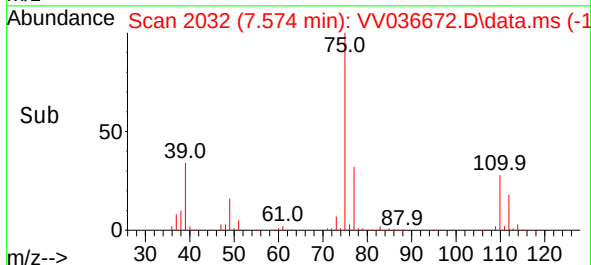
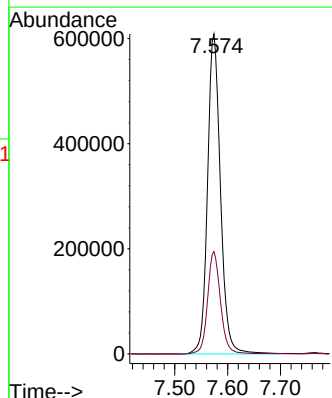
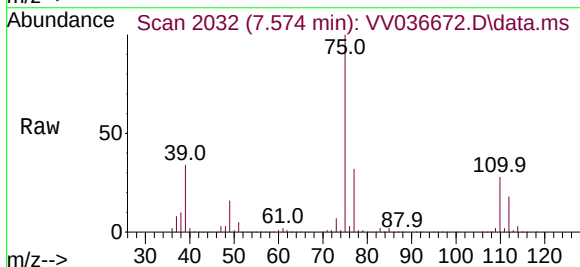
Acq: 24 Jul 2024 18:36

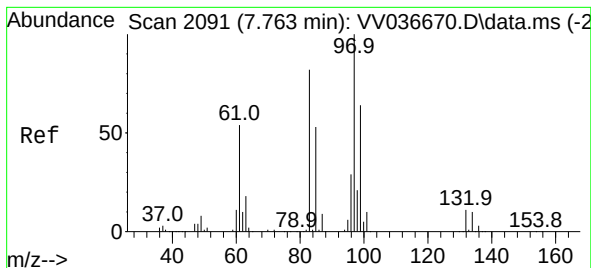
Tgt Ion: 75 Resp: 1036391

Ion Ratio Lower Upper

75 100

77 32.0 22.1 41.1





#45

1,1,2-Trichloroethane

Concen: 219.606 ug/L

RT: 7.764 min Scan# 2091

Delta R.T. 0.000 min

Lab File: VV036672.D

Acq: 24 Jul 2024 18:36

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 688681

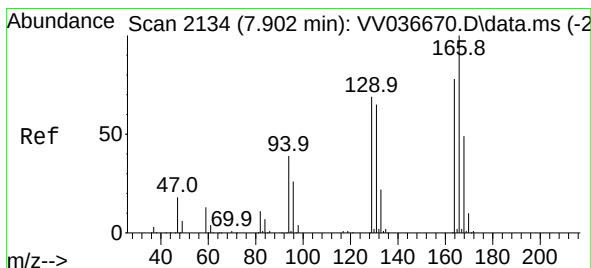
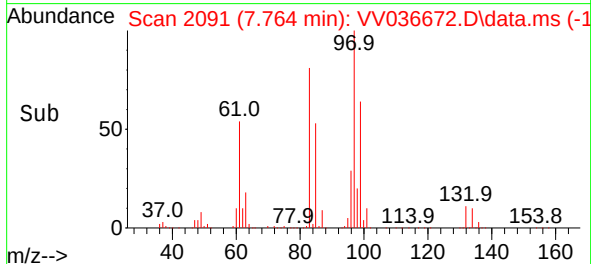
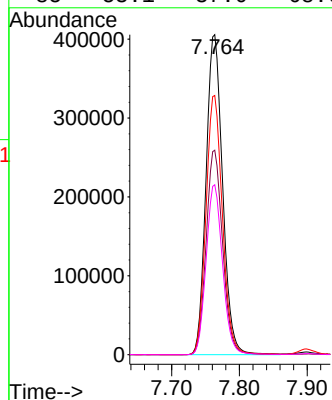
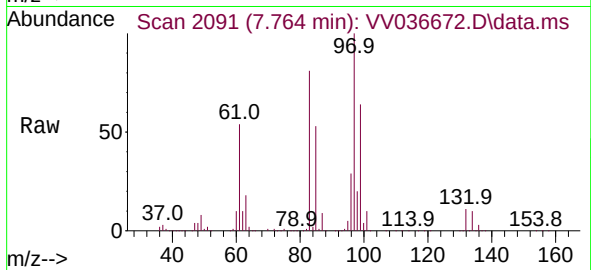
Ion Ratio Lower Upper

97 100

99 63.9 44.4 82.5

83 81.0 57.3 106.3

85 53.1 37.0 68.6



#46

Tetrachloroethene

Concen: 268.717 ug/L

RT: 7.899 min Scan# 2133

Delta R.T. -0.003 min

Lab File: VV036672.D

Acq: 24 Jul 2024 18:36

Tgt Ion:164 Resp: 644968

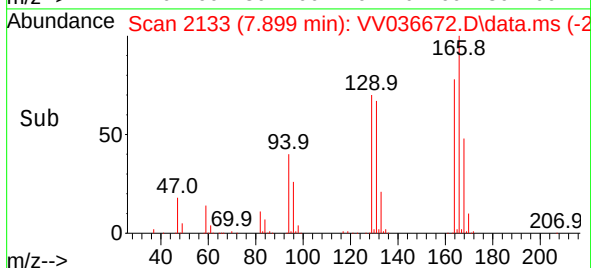
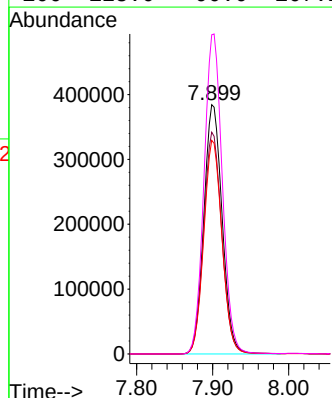
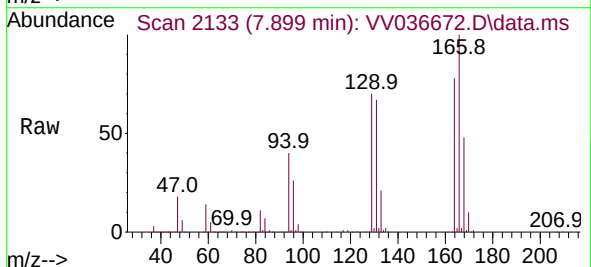
Ion Ratio Lower Upper

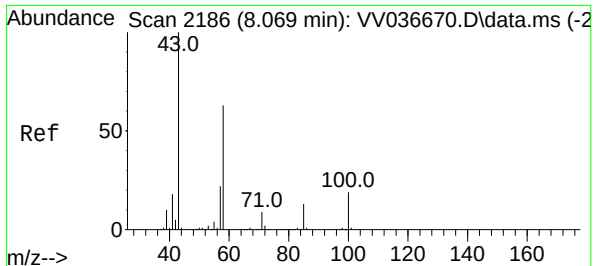
164 100

129 89.0 62.1 115.3

131 85.7 58.7 109.1

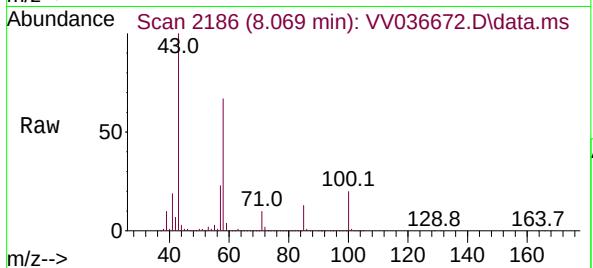
166 128.0 90.0 167.2





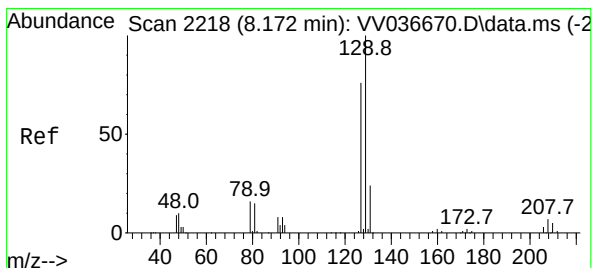
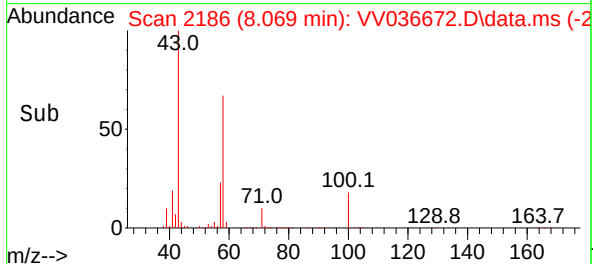
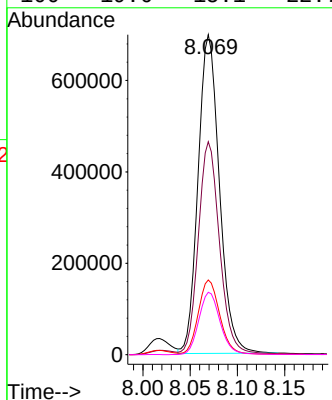
#48
2-Hexanone
Concen: 383.953 ug/L
RT: 8.069 min Scan# 2186
Delta R.T. 0.000 min
Lab File: VV036672.D
Acq: 24 Jul 2024 18:36

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 43 Resp: 1095201

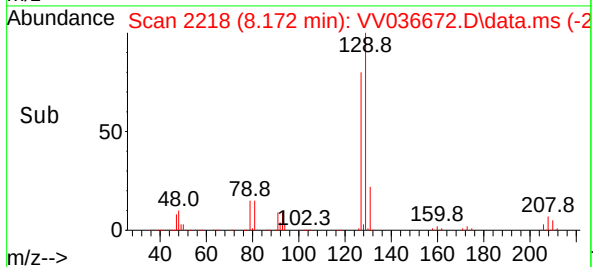
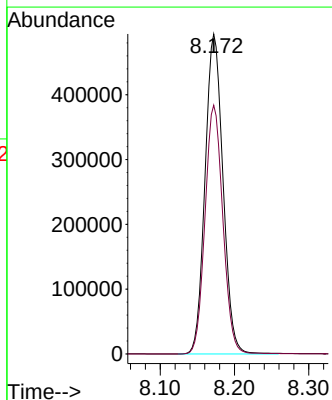
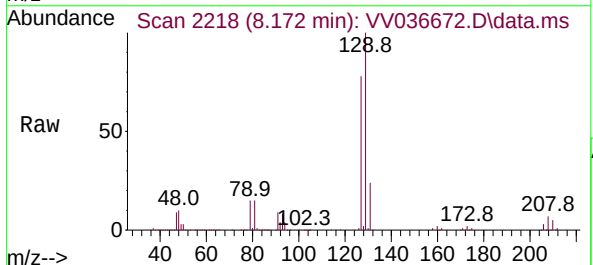
Ion	Ratio	Lower	Upper
43	100		
58	66.1	51.3	76.9
57	23.8	17.6	26.4
100	19.6	15.1	22.7

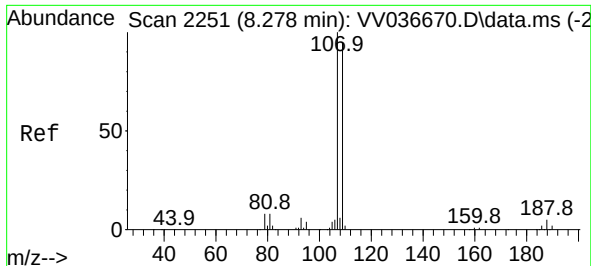


#49
Dibromochloromethane
Concen: 251.506 ug/L
RT: 8.172 min Scan# 2218
Delta R.T. 0.000 min
Lab File: VV036672.D
Acq: 24 Jul 2024 18:36

Tgt Ion: 129 Resp: 827587

Ion	Ratio	Lower	Upper
129	100		
127	77.8	52.8	98.2





#50

1,2-Dibromoethane

Concen: 246.647 ug/L

RT: 8.275 min Scan# 21

Delta R.T. -0.003 min

Lab File: VV036672.D

Acq: 24 Jul 2024 18:36

Instrument :

MSVOA_V

ClientSampleId :

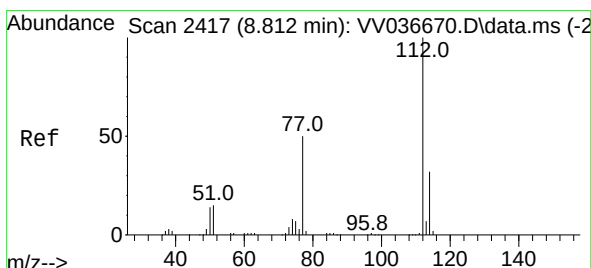
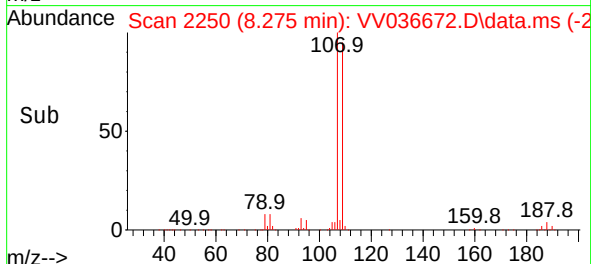
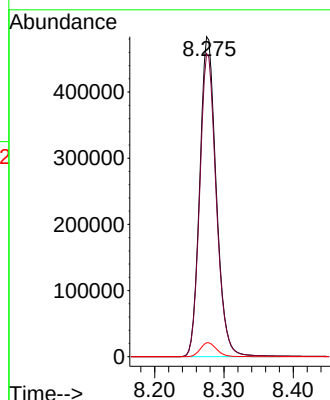
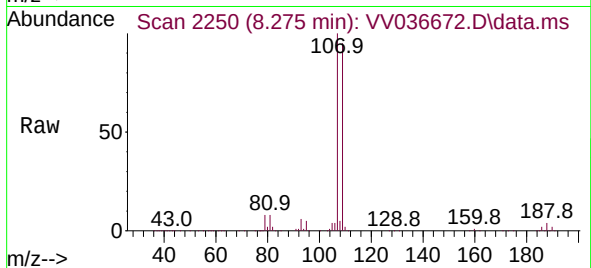
Tgt Ion:107 Resp: 800786

Ion Ratio Lower Upper

107 100

109 94.7 66.4 123.2

188 4.4 3.7 5.5



#51

Chlorobenzene

Concen: 238.536 ug/L

RT: 8.809 min Scan# 2416

Delta R.T. -0.003 min

Lab File: VV036672.D

Acq: 24 Jul 2024 18:36

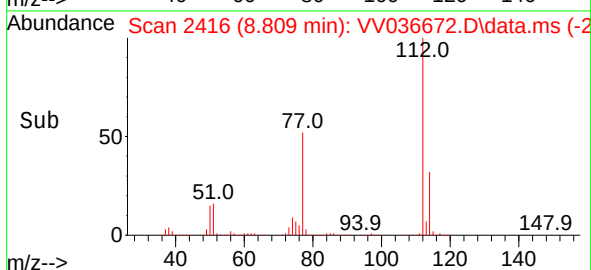
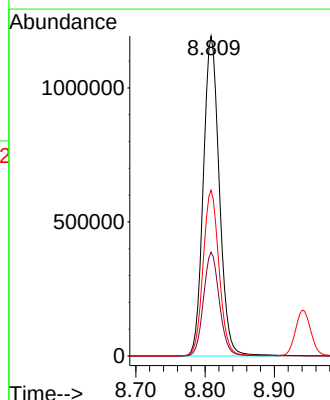
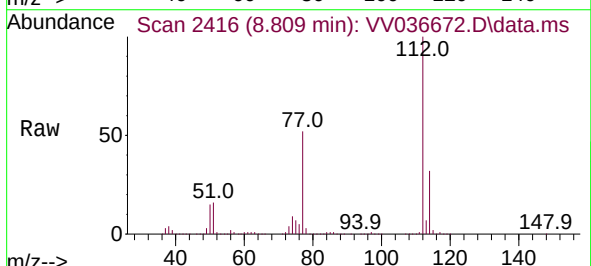
Tgt Ion:112 Resp: 1912373

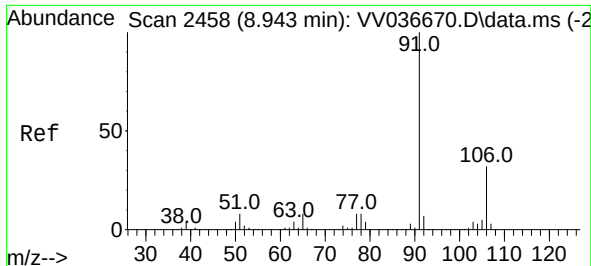
Ion Ratio Lower Upper

112 100

114 32.4 22.4 41.6

77 51.8 40.6 60.8





#52

Ethylbenzene

Concen: 251.749 ug/L

RT: 8.940 min Scan# 2458

Delta R.T. -0.003 min

Lab File: VV036672.D

Acq: 24 Jul 2024 18:36

Instrument :

MSVOA_V

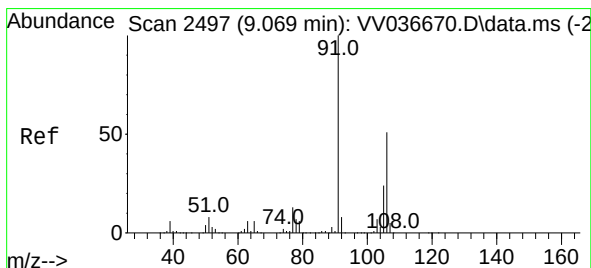
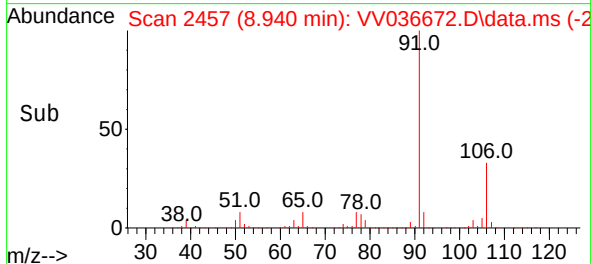
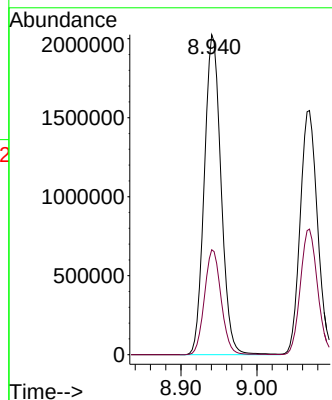
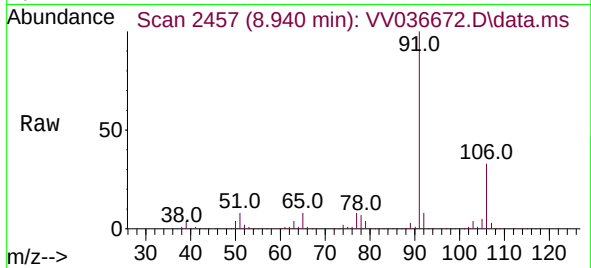
ClientSampleId :

Tgt Ion: 91 Resp: 3095359

Ion Ratio Lower Upper

91 100

106 32.8 22.6 42.0



#53

m,p-Xylene

Concen: 265.544 ug/L

RT: 9.069 min Scan# 2497

Delta R.T. 0.000 min

Lab File: VV036672.D

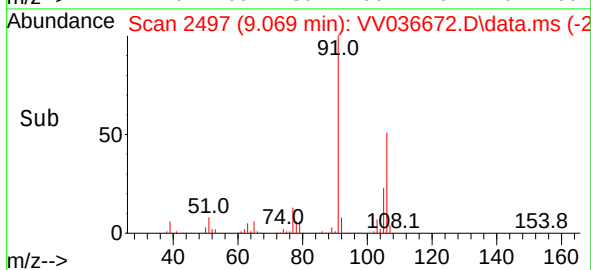
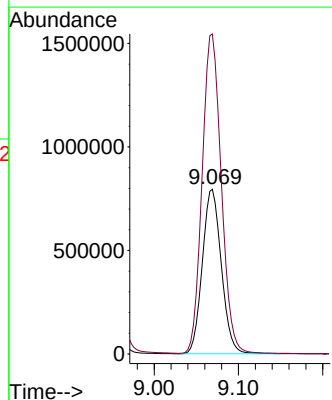
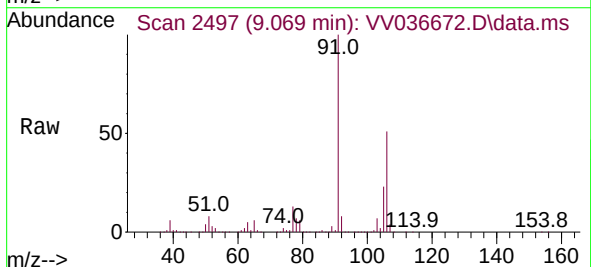
Acq: 24 Jul 2024 18:36

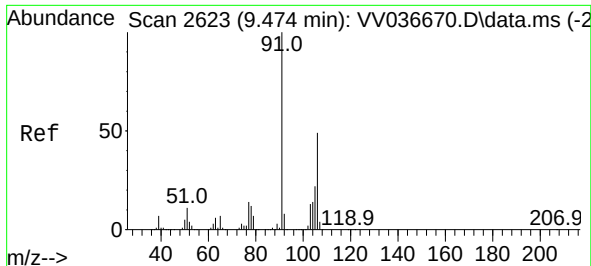
Tgt Ion:106 Resp: 1247199

Ion Ratio Lower Upper

106 100

91 194.3 138.0 256.4





#54

o-Xylene

Concen: 266.564 ug/L

RT: 9.474 min Scan# 2

Delta R.T. 0.000 min

Lab File: VV036672.D

Acq: 24 Jul 2024 18:36

Instrument :

MSVOA_V

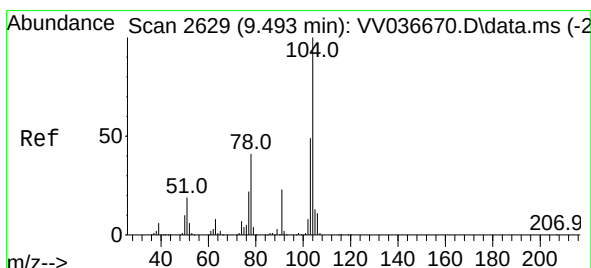
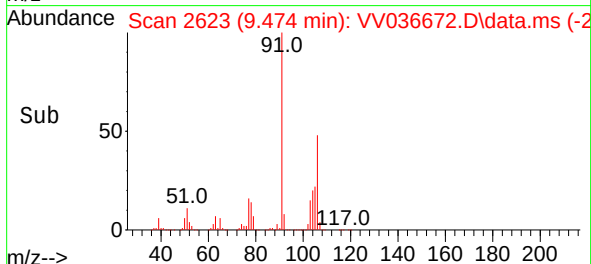
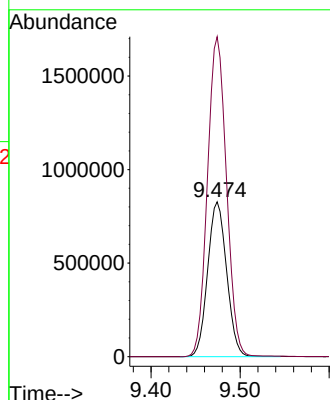
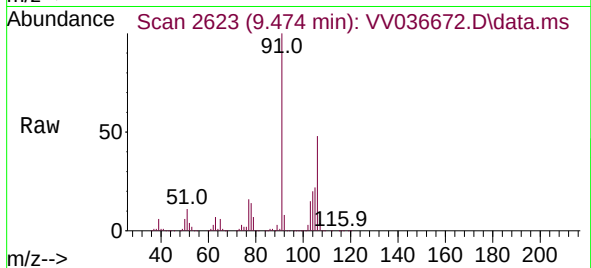
ClientSampleId :

Tgt Ion:106 Resp: 1222750

Ion Ratio Lower Upper

106 100

91 206.7 144.0 267.4



#55

Styrene

Concen: 270.270 ug/L

RT: 9.490 min Scan# 2628

Delta R.T. -0.003 min

Lab File: VV036672.D

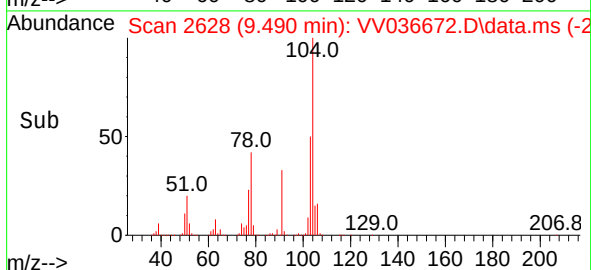
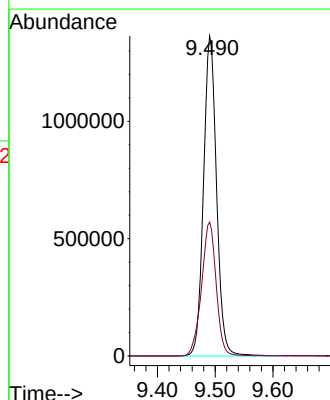
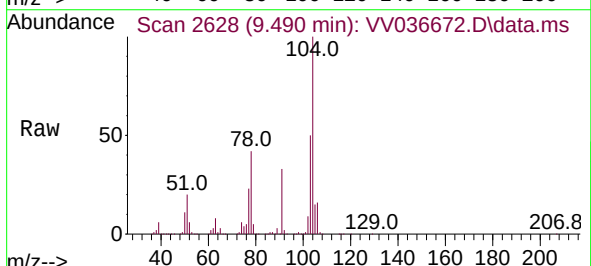
Acq: 24 Jul 2024 18:36

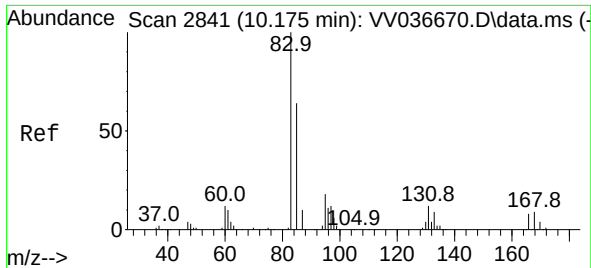
Tgt Ion:104 Resp: 2139044

Ion Ratio Lower Upper

104 100

78 41.9 28.6 53.2

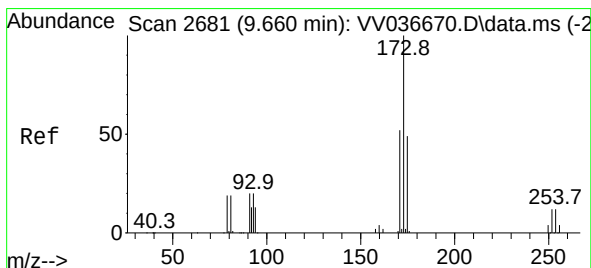
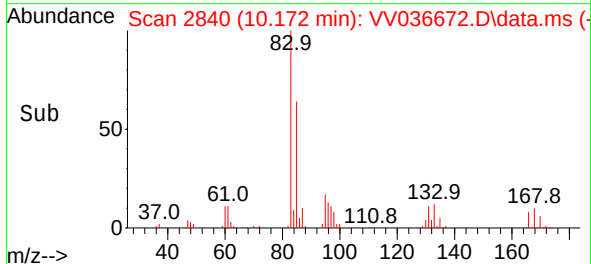
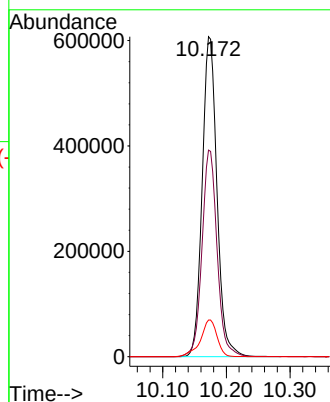
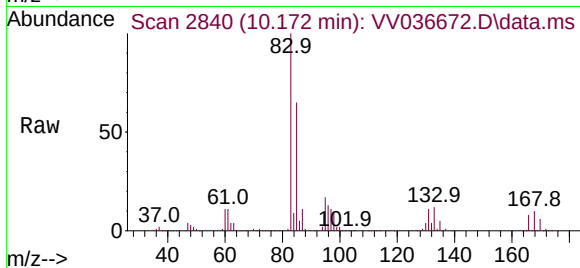




#57
1,1,2,2-Tetrachloroethane
Concen: 202.003 ug/L
RT: 10.172 min Scan# 2841
Delta R.T. -0.003 min
Lab File: VV036672.D
Acq: 24 Jul 2024 18:36

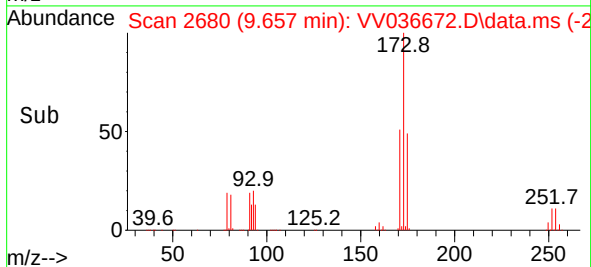
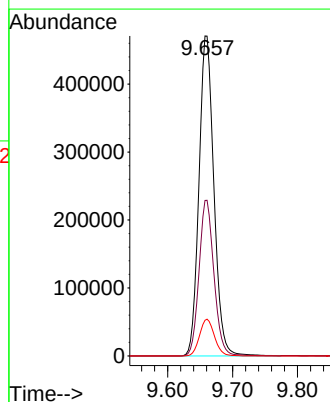
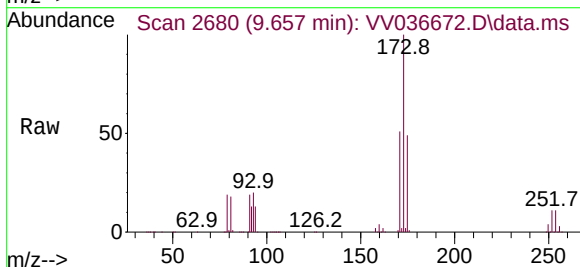
Instrument :
MSVOA_V
ClientSampleId :

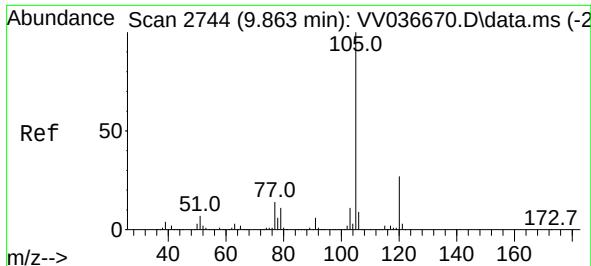
Tgt Ion: 83 Resp: 978994
Ion Ratio Lower Upper
83 100
85 64.6 44.7 83.1
131 11.5 9.4 14.2



#59
Bromoform
Concen: 247.113 ug/L
RT: 9.657 min Scan# 2680
Delta R.T. -0.003 min
Lab File: VV036672.D
Acq: 24 Jul 2024 18:36

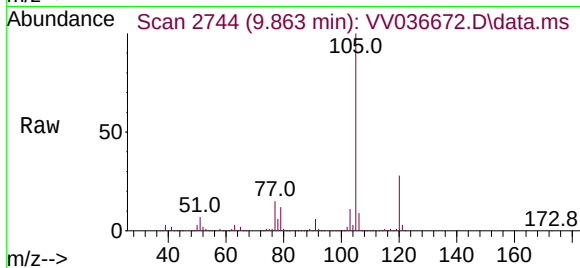
Tgt Ion: 173 Resp: 754909
Ion Ratio Lower Upper
173 100
175 48.6 39.2 58.8
254 11.5 9.2 13.8



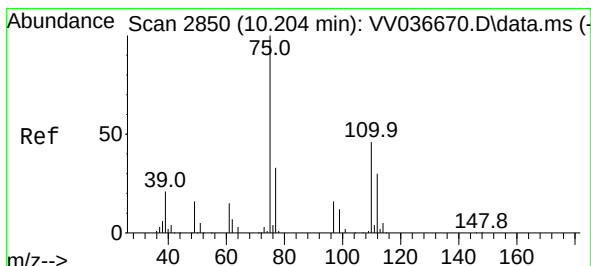
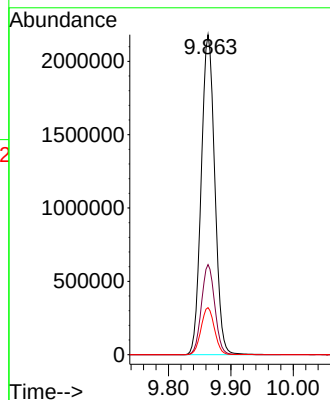
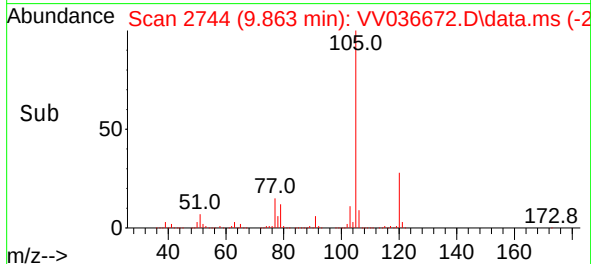


#60
Isopropylbenzene
Concen: 229.609 ug/L
RT: 9.863 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV036672.D
Acq: 24 Jul 2024 18:36

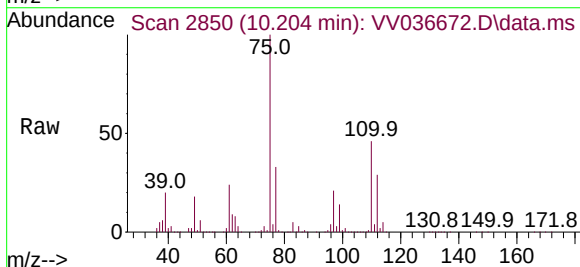
Instrument :
MSVOA_V
ClientSampleId :



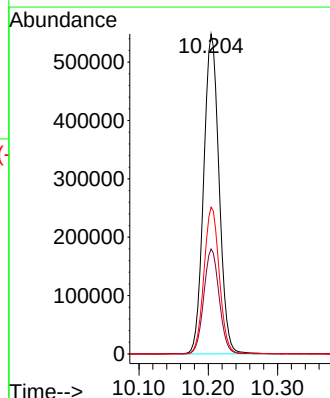
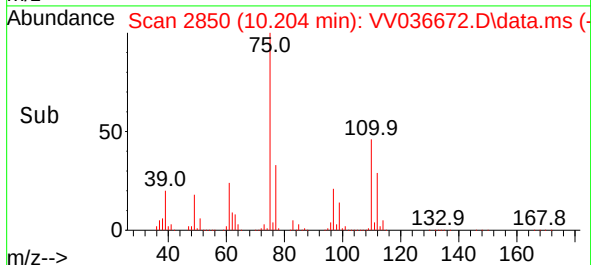
Tgt Ion:105 Resp: 3290802
Ion Ratio Lower Upper
105 100
120 27.8 21.7 32.5
77 14.6 11.5 17.3

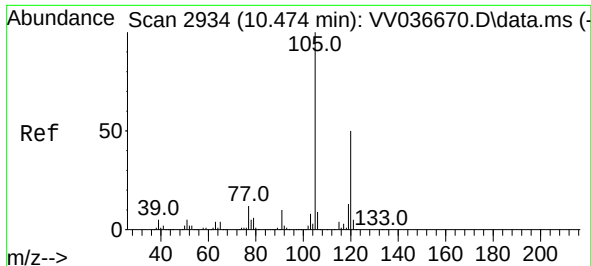


#61
1,2,3-Trichloropropane
Concen: 183.943 ug/L
RT: 10.204 min Scan# 2850
Delta R.T. 0.000 min
Lab File: VV036672.D
Acq: 24 Jul 2024 18:36



Tgt Ion: 75 Resp: 845785
Ion Ratio Lower Upper
75 100
77 32.5 26.1 39.1
110 45.8 36.7 55.1





#62

1,3,5-Trimethylbenzene

Concen: 243.689 ug/L

RT: 10.474 min Scan# 2934

Delta R.T. 0.000 min

Lab File: VV036672.D

Acq: 24 Jul 2024 18:36

Instrument :

MSVOA_V

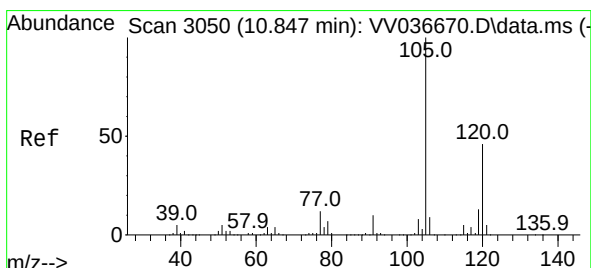
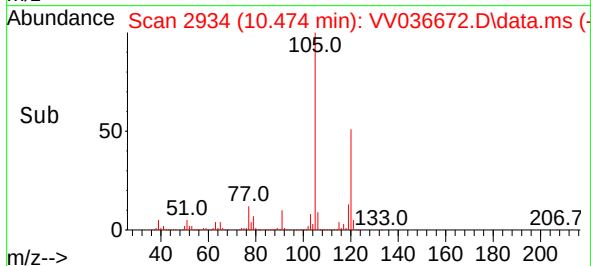
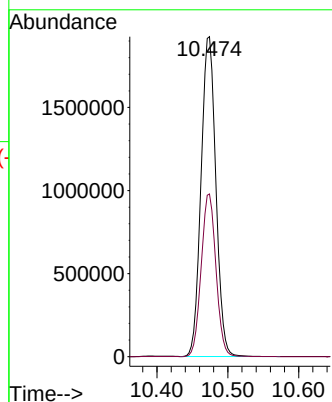
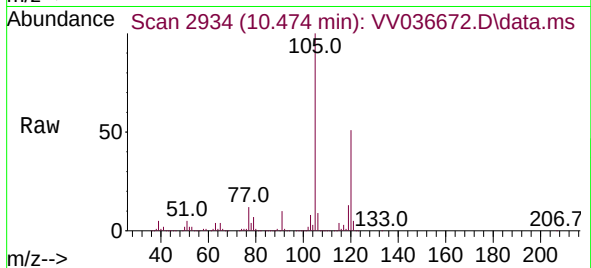
ClientSampleId :

Tgt Ion:105 Resp: 2796128

Ion Ratio Lower Upper

105 100

120 50.6 39.9 59.9



#63

1,2,4-Trimethylbenzene

Concen: 250.181 ug/L

RT: 10.847 min Scan# 3050

Delta R.T. 0.000 min

Lab File: VV036672.D

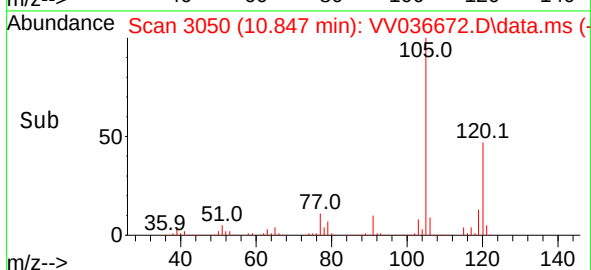
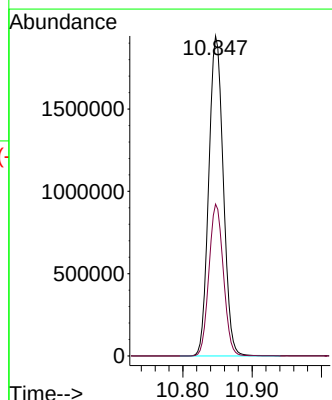
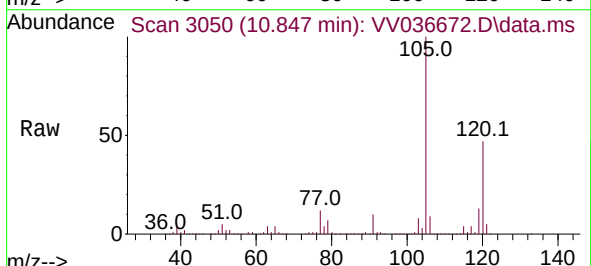
Acq: 24 Jul 2024 18:36

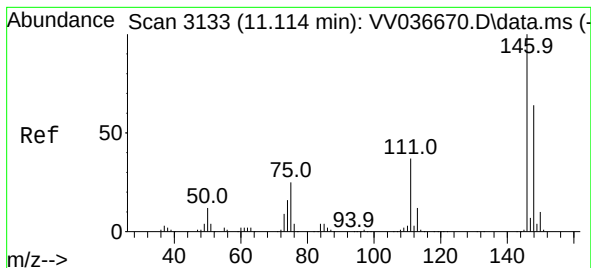
Tgt Ion:105 Resp: 2817196

Ion Ratio Lower Upper

105 100

120 47.3 37.4 56.0





#64

1,3-Dichlorobenzene

Concen: 231.182 ug/L

RT: 11.111 min Scan# 3133

Delta R.T. -0.003 min

Lab File: VV036672.D

Acq: 24 Jul 2024 18:36

Instrument :

MSVOA_V

ClientSampleId :

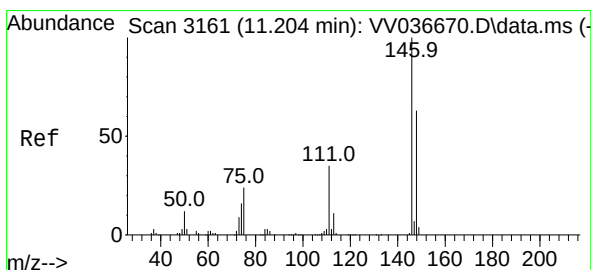
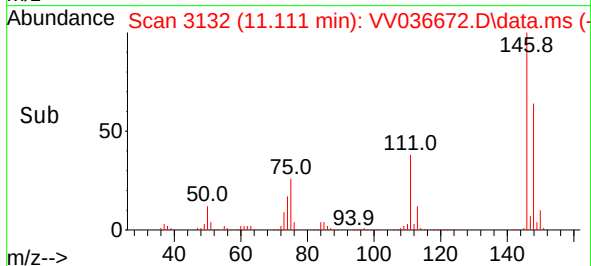
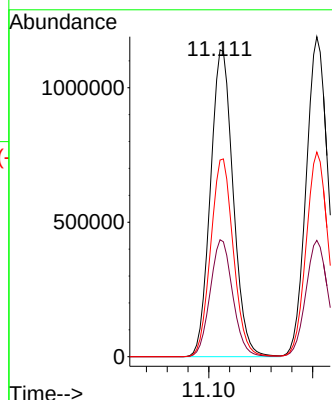
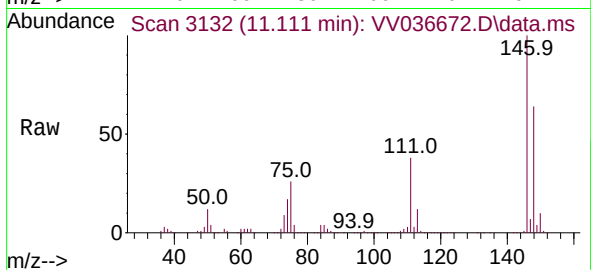
Tgt Ion:146 Resp: 1737320

Ion Ratio Lower Upper

146 100

111 38.1 25.7 47.7

148 64.1 44.7 83.1



#65

1,4-Dichlorobenzene

Concen: 225.260 ug/L

RT: 11.204 min Scan# 3161

Delta R.T. 0.000 min

Lab File: VV036672.D

Acq: 24 Jul 2024 18:36

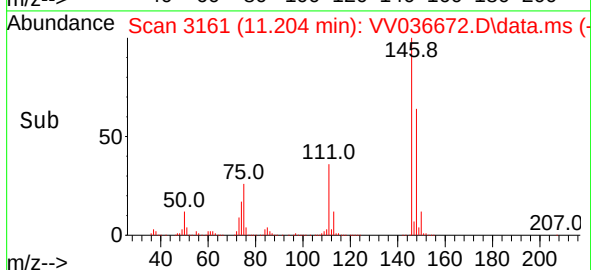
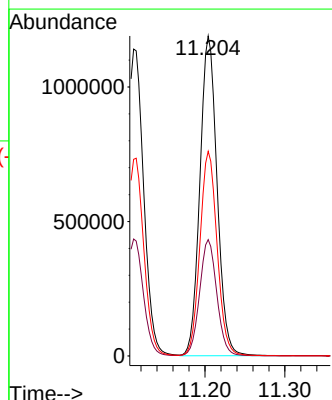
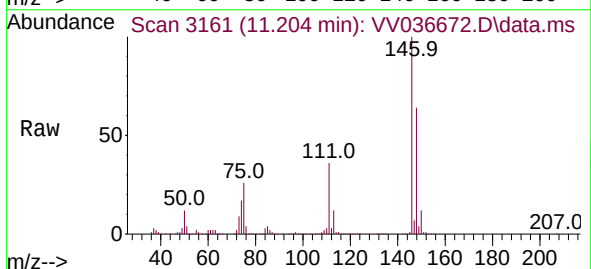
Tgt Ion:146 Resp: 1779906

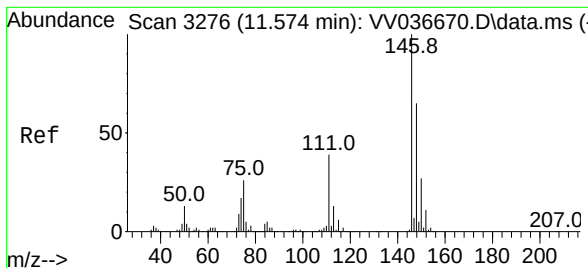
Ion Ratio Lower Upper

146 100

111 36.4 24.6 45.8

148 64.0 44.2 82.2





#67

1,2-Dichlorobenzene

Concen: 229.305 ug/L

RT: 11.574 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV036672.D

Acq: 24 Jul 2024 18:36

Instrument :

MSVOA_V

ClientSampleId :

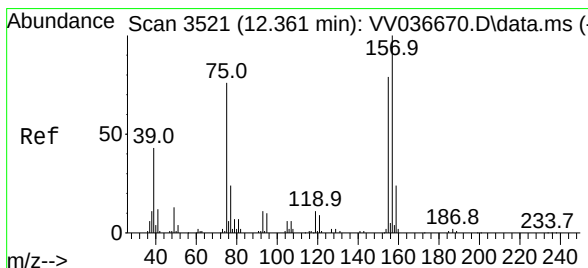
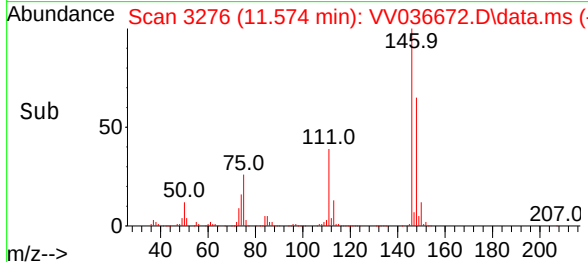
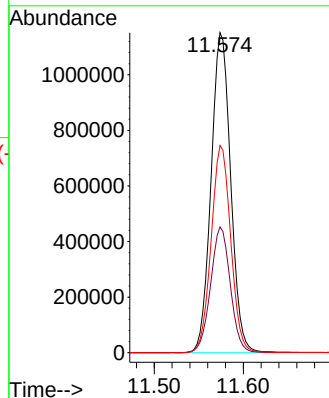
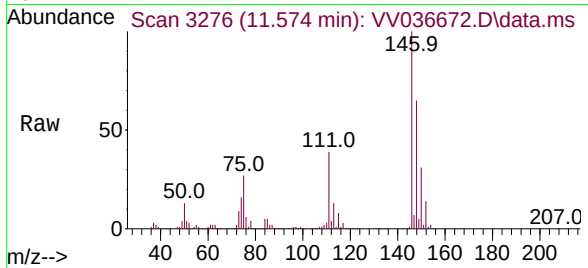
Tgt Ion:146 Resp: 1756151

Ion Ratio Lower Upper

146 100

111 39.3 30.9 46.3

148 64.7 51.6 77.4



#68

1,2-Dibromo-3-chloropropane

Concen: 264.965 ug/L

RT: 12.358 min Scan# 3520

Delta R.T. -0.003 min

Lab File: VV036672.D

Acq: 24 Jul 2024 18:36

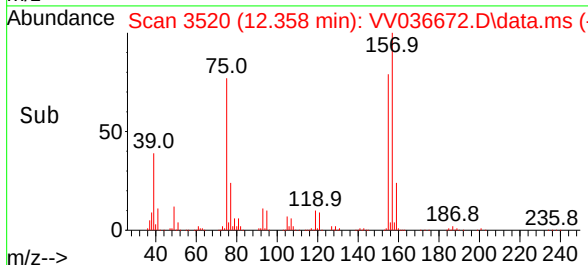
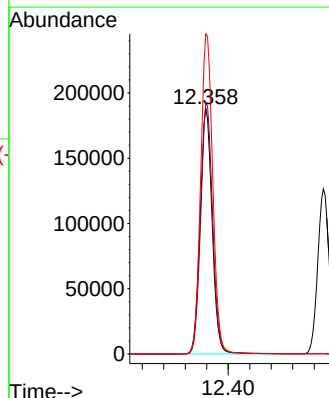
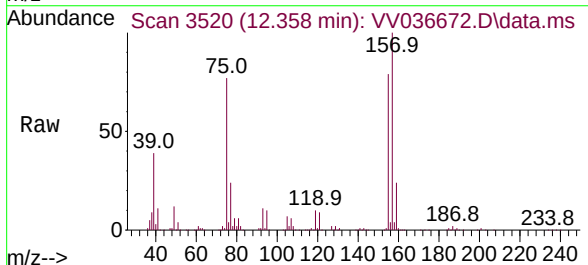
Tgt Ion: 75 Resp: 290101

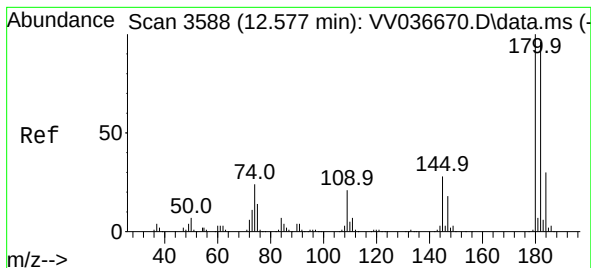
Ion Ratio Lower Upper

75 100

155 102.5 83.7 125.5

157 130.4 105.9 158.9





#69

1,3,5-Trichlorobenzene

Concen: 265.862 ug/L

RT: 12.577 min Scan# 3588

Delta R.T. 0.000 min

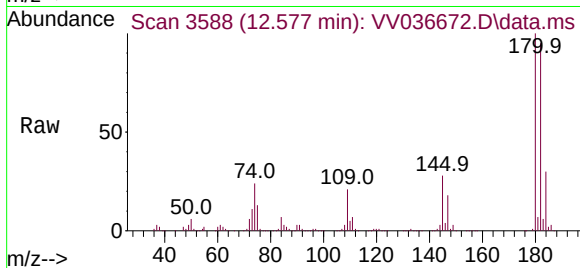
Lab File: VV036672.D

Acq: 24 Jul 2024 18:36

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 1430299

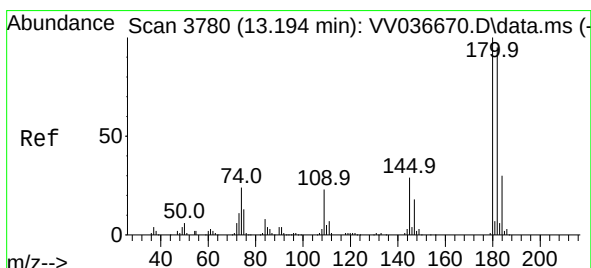
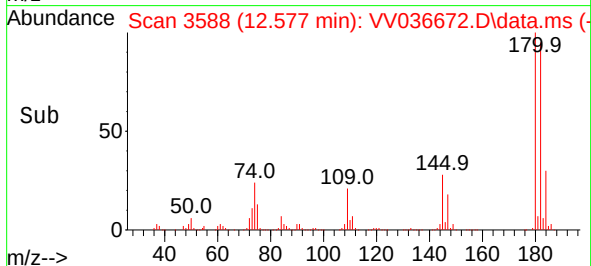
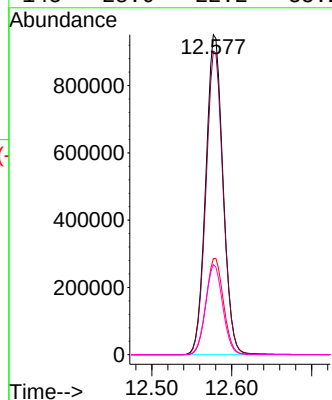
Ion Ratio Lower Upper

180 100

182 95.1 77.3 115.9

184 30.4 24.2 36.4

145 28.0 22.2 33.2



#70

1,2,4-trichlorobenzene

Concen: 310.140 ug/L

RT: 13.194 min Scan# 3780

Delta R.T. 0.000 min

Lab File: VV036672.D

Acq: 24 Jul 2024 18:36

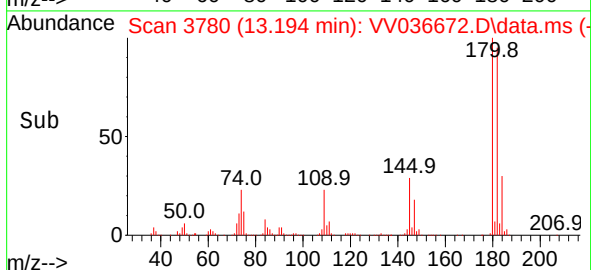
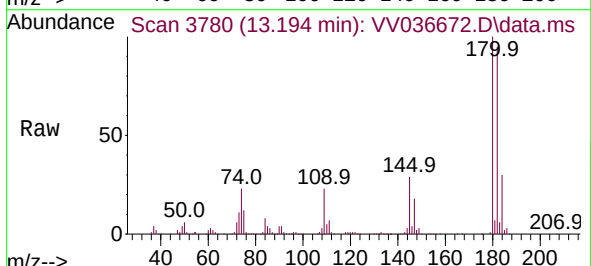
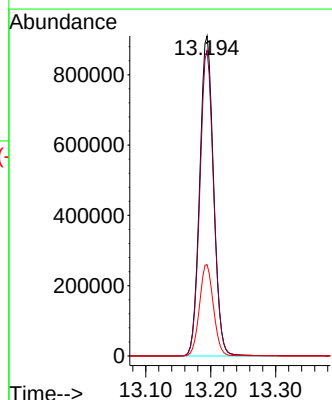
Tgt Ion:180 Resp: 1355104

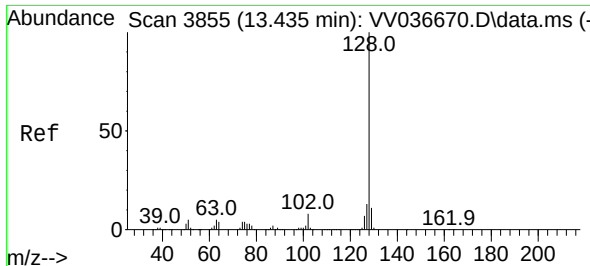
Ion Ratio Lower Upper

180 100

182 95.3 75.8 113.8

145 28.7 22.9 34.3

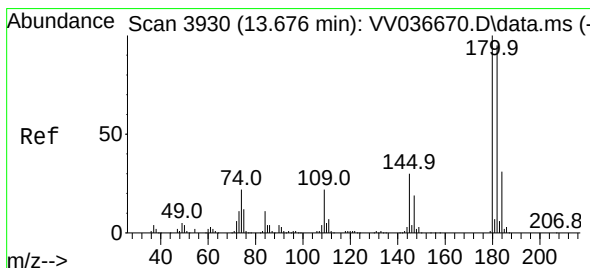
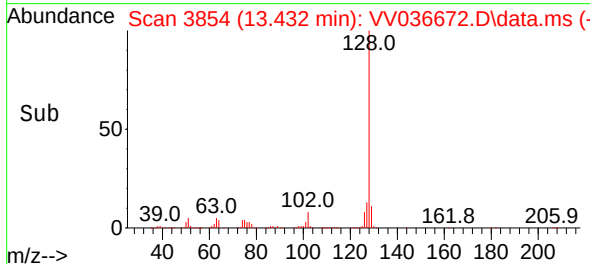
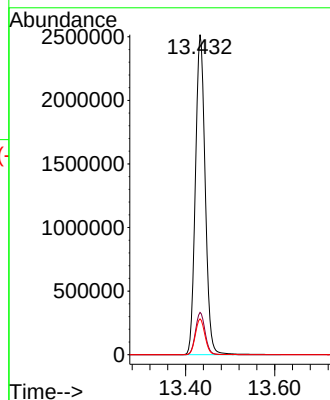
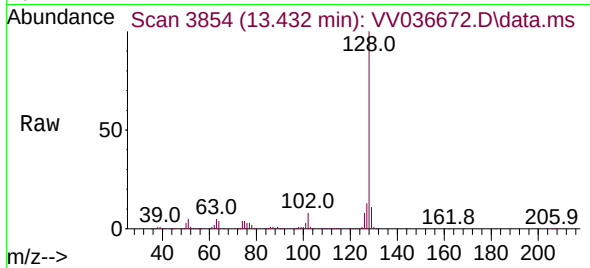




#71
Naphthalene
Concen: 373.844 ug/L
RT: 13.432 min Scan# 3855
Delta R.T. -0.003 min
Lab File: VV036672.D
Acq: 24 Jul 2024 18:36

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 3851081
Ion Ratio Lower Upper
128 100
127 13.1 10.4 15.6
129 11.0 8.6 12.8



#72
1,2,3-Trichlorobenzene
Concen: 310.606 ug/L
RT: 13.673 min Scan# 3929
Delta R.T. -0.003 min
Lab File: VV036672.D
Acq: 24 Jul 2024 18:36

Tgt Ion:180 Resp: 1360702
Ion Ratio Lower Upper
180 100
182 95.2 76.4 114.6
145 30.5 23.9 35.9

