

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV080224\
 Data File : VV036760.D
 Acq On : 02 Aug 2024 10:40
 Operator : SY/MD
 Sample : VSTD100
 Misc : 5.00mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 02 23:45:34 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	5.532	114	449836	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	431175	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	218049	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	333393	99.579	ug/L	0.00
7) Chloroethane-d5	1.529	69	265985	100.506	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.056	65	147671	99.735	ug/L	0.00
21) 2-Butanone-d5	3.793	46	347290	226.155	ug/L	0.00
24) Chloroform-d	4.243	84	624159	100.741	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.937	65	403319	100.929	ug/L	0.00
32) Benzene-d6	4.953	84	1234396	99.044	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.985	67	389305	97.079	ug/L	0.00
41) Toluene-d8	7.239	98	1143425	101.104	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.548	79	209596	101.115	ug/L	0.00
47) 2-Hexanone-d5	8.024	63	234859	215.551	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.149	84	459897	101.871	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.554	152	410417	99.377	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.108	85	326469	99.724	ug/L	100
3) Chloromethane	1.217	50	358508	99.744	ug/L	100
5) Vinyl chloride	1.282	62	378230	101.132	ug/L	98
6) Bromomethane	1.484	94	241525	99.793	ug/L	100
8) Chloroethane	1.545	64	237441	100.823	ug/L	99
9) Trichlorofluoromethane	1.712	101	507967	103.653	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	300169	102.992	ug/L	100
12) 1,1-Dichloroethene	2.066	96	285430	102.412	ug/L	92
13) Acetone	2.111	43	271573	175.835	ug/L	99
14) Carbon disulfide	2.236	76	876629	99.784	ug/L	99
15) Methyl Acetate	2.371	43	321481	102.089	ug/L	98
16) Methylene chloride	2.442	84	314970	99.896	ug/L	99
17) trans-1,2-Dichloroethene	2.687	96	298180	102.850	ug/L	97
18) Methyl tert-butyl Ether	2.706	73	1043105	102.678	ug/L	100
19) 1,1-Dichloroethane	3.105	63	602955	103.046	ug/L	98
20) cis-1,2-Dichloroethene	3.809	96	350179	102.043	ug/L	100
22) 2-Butanone	3.873	43	411237	211.879	ug/L	98
23) Bromochloromethane	4.140	128	168529	101.700	ug/L	97
25) Chloroform	4.272	83	622450	102.352	ug/L	98
27) 1,2-Dichloroethane	5.037	62	498591	105.799	ug/L	99
29) Cyclohexane	4.571	56	563689	104.332	ug/L	100
30) 1,1,1-Trichloroethane	4.503	97	550714	102.999	ug/L	100
31) Carbon tetrachloride	4.728	117	466750	103.840	ug/L	99
33) Benzene	5.002	78	1315609	103.487	ug/L	100
34) Trichloroethene	5.828	95	371172	100.705	ug/L	98
35) Methylcyclohexane	6.043	83	581618	104.106	ug/L	100
37) 1,2-Dichloropropane	6.088	63	351657	105.056	ug/L	100
38) Bromodichloromethane	6.429	83	484726	104.392	ug/L	99
39) cis-1,3-Dichloropropene	6.950	75	600142	103.143	ug/L	99
40) 4-Methyl-2-pentanone	7.156	43	855656	211.403	ug/L	99
42) Toluene	7.310	91	1411088	104.885	ug/L	99
44) trans-1,3-Dichloropropene	7.577	75	569701	105.627	ug/L	99

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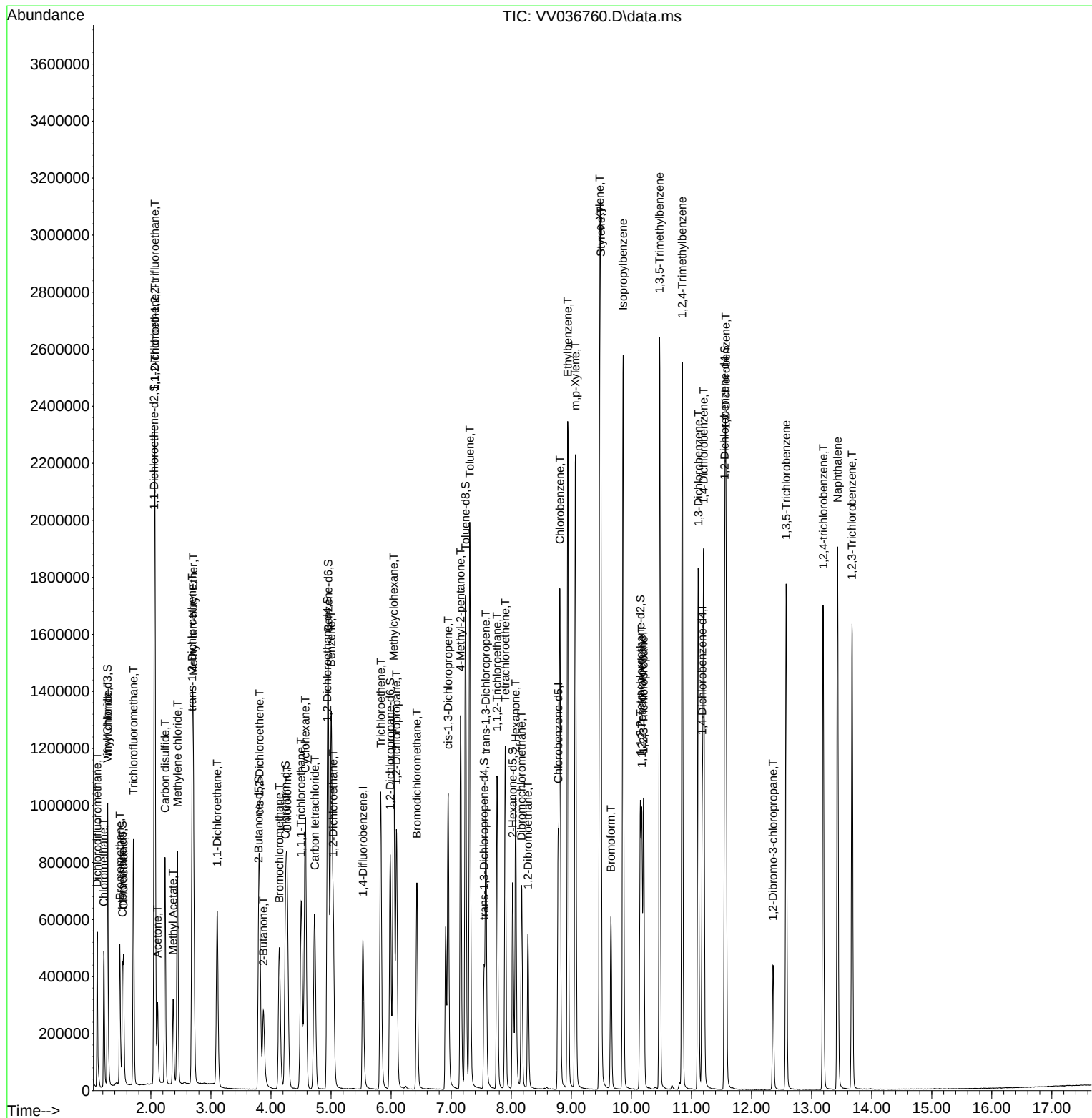
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.764	97	331536	103.219	ug/L	99
46) Tetrachloroethene	7.902	164	248249	103.627	ug/L	99
48) 2-Hexanone	8.072	43	633379	207.771	ug/L	99
49) Dibromochloromethane	8.172	129	353495	104.932	ug/L	98
50) 1,2-Dibromoethane	8.278	107	347054	102.203	ug/L	98
51) Chlorobenzene	8.809	112	894098	102.630	ug/L	99
52) Ethylbenzene	8.940	91	1615365	104.131	ug/L	100
53) m,p-Xylene	9.069	106	604195	106.272	ug/L	98
54) o-Xylene	9.474	106	590496	104.368	ug/L	99
55) Styrene	9.490	104	1025438	105.908	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.175	83	462343	107.103	ug/L	99
59) Bromoform	9.661	173	248678	105.272	ug/L	97
60) Isopropylbenzene	9.863	105	1614125	104.190	ug/L	99
61) 1,2,3-Trichloropropane	10.204	75	389472	103.436	ug/L	99
62) 1,3,5-Trimethylbenzene	10.471	105	1361443	104.901	ug/L	99
63) 1,2,4-Trimethylbenzene	10.847	105	1365692	105.853	ug/L	100
64) 1,3-Dichlorobenzene	11.114	146	690086	102.511	ug/L	98
65) 1,4-Dichlorobenzene	11.204	146	699798	101.982	ug/L	99
67) 1,2-Dichlorobenzene	11.574	146	673319	102.492	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.358	75	114926	106.670	ug/L	97
69) 1,3,5-Trichlorobenzene	12.577	180	490118	104.251	ug/L	99
70) 1,2,4-trichlorobenzene	13.194	180	464813	103.520	ug/L	99
71) Naphthalene	13.432	128	1455340	103.564	ug/L	100
72) 1,2,3-Trichlorobenzene	13.673	180	455025	104.242	ug/L	100

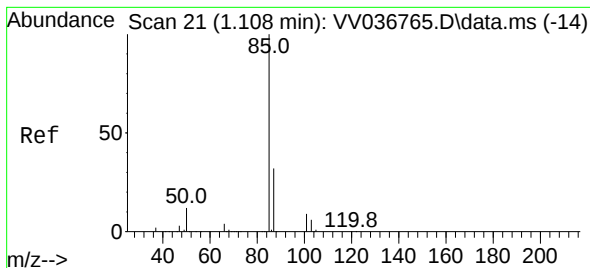
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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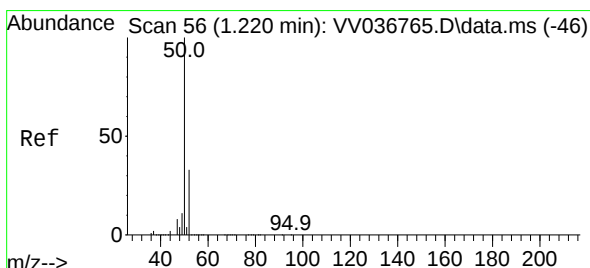
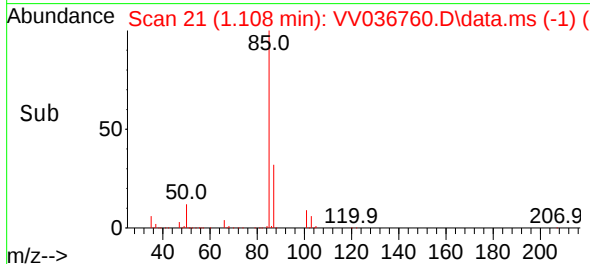
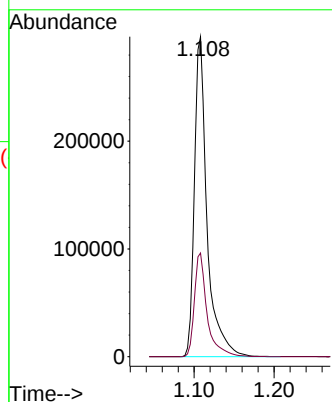
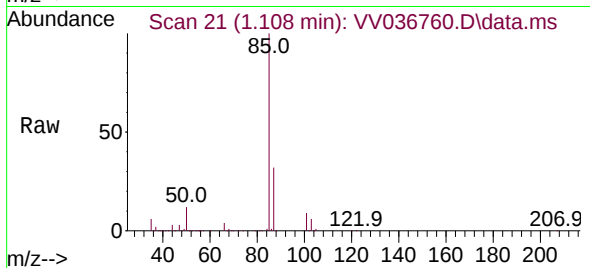




#2
Dichlorodifluoromethane
Concen: 99.724 ug/L
RT: 1.108 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV036760.D
Acq: 02 Aug 2024 10:40

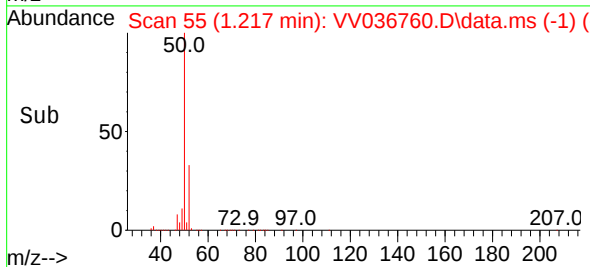
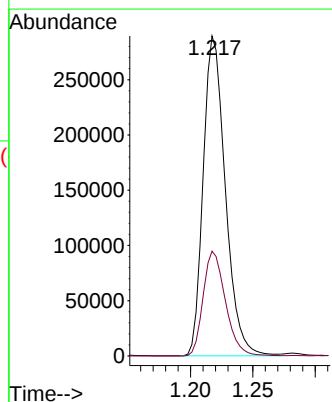
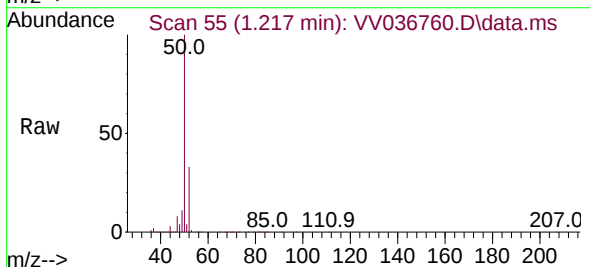
Instrument :
MSVOA_V
ClientSampleId :

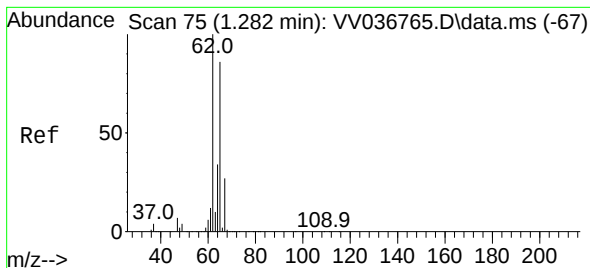
Tgt Ion: 85 Resp: 326469
Ion Ratio Lower Upper
85 100
87 32.6 25.9 38.9



#3
Chloromethane
Concen: 99.744 ug/L
RT: 1.217 min Scan# 55
Delta R.T. -0.003 min
Lab File: VV036760.D
Acq: 02 Aug 2024 10:40

Tgt Ion: 50 Resp: 358508
Ion Ratio Lower Upper
50 100
52 32.7 23.0 42.8





#5

Vinyl chloride

Concen: 101.132 ug/L

RT: 1.282 min Scan# 75

Delta R.T. 0.000 min

Lab File: VV036760.D

Acq: 02 Aug 2024 10:40

Instrument :

MSVOA_V

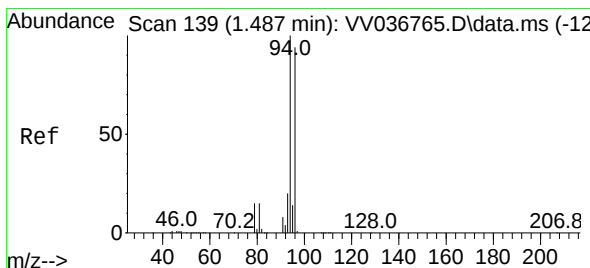
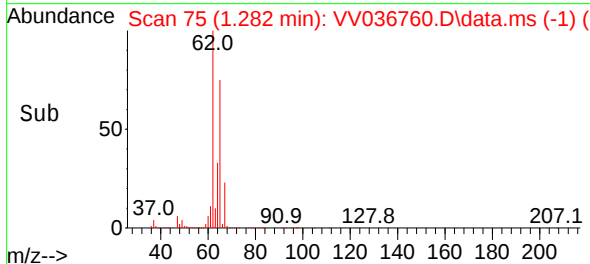
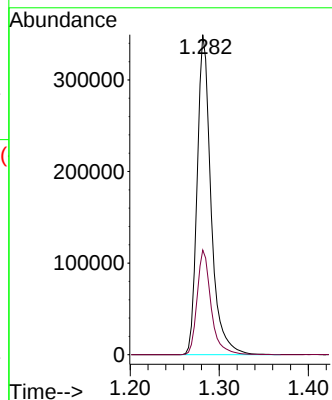
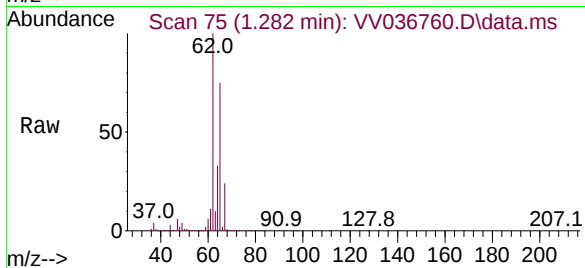
ClientSampleId :

Tgt Ion: 62 Resp: 378230

Ion Ratio Lower Upper

62 100

64 32.7 23.6 43.8



#6

Bromomethane

Concen: 99.793 ug/L

RT: 1.484 min Scan# 138

Delta R.T. -0.003 min

Lab File: VV036760.D

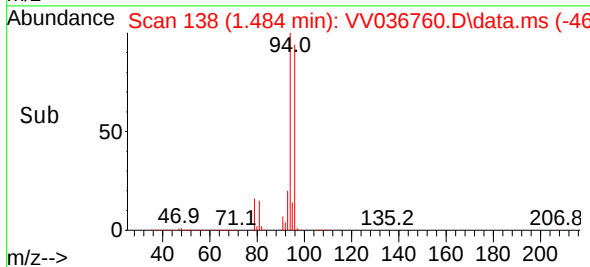
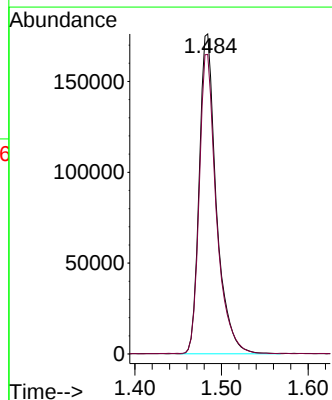
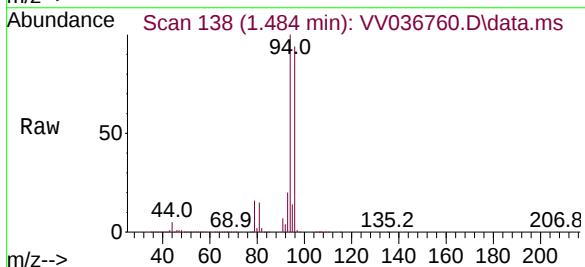
Acq: 02 Aug 2024 10:40

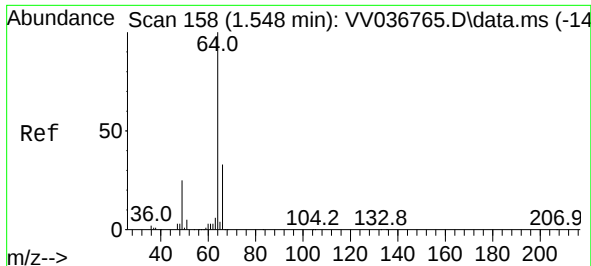
Tgt Ion: 94 Resp: 241525

Ion Ratio Lower Upper

94 100

96 93.6 65.5 121.7

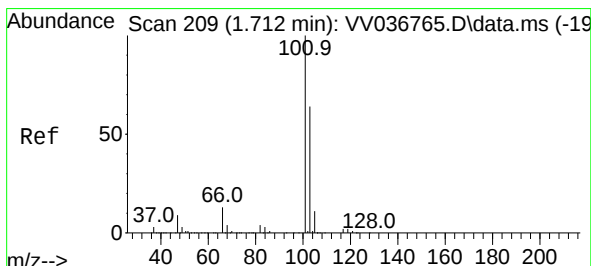
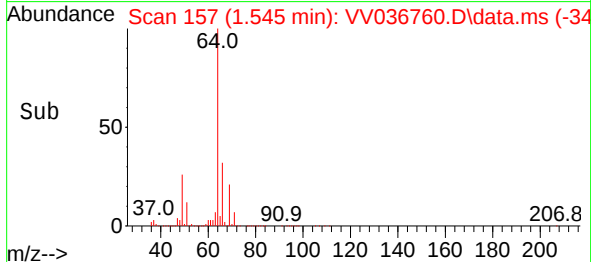
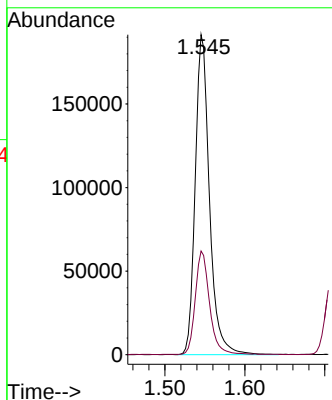
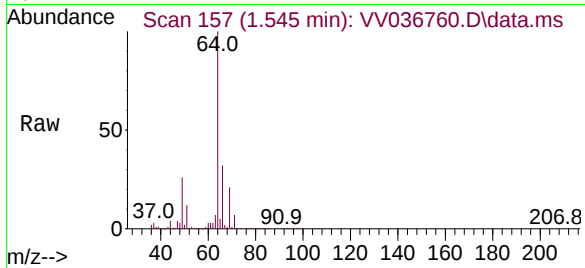




#8
Chloroethane
Concen: 100.823 ug/L
RT: 1.545 min Scan# 157
Delta R.T. -0.003 min
Lab File: VV036760.D
Acq: 02 Aug 2024 10:40

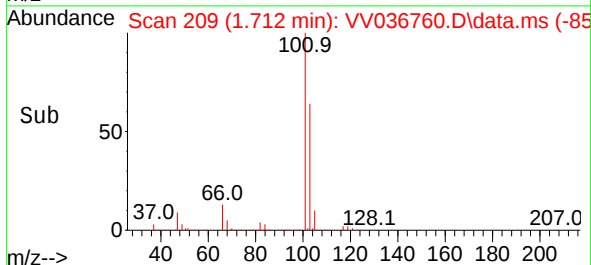
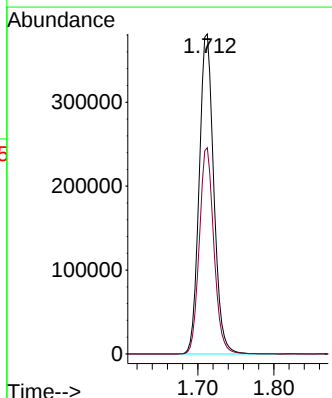
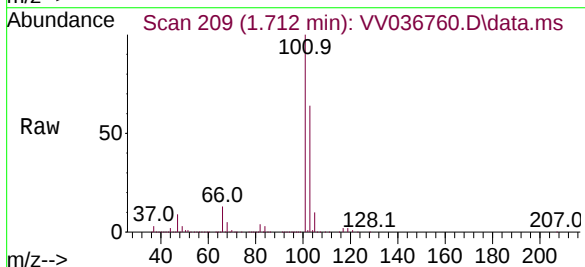
Instrument :
MSVOA_V
ClientSampleId :

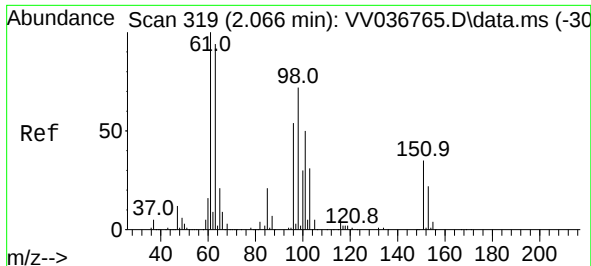
Tgt Ion: 64 Resp: 237441
Ion Ratio Lower Upper
64 100
66 32.4 23.2 43.0



#9
Trichlorofluoromethane
Concen: 103.653 ug/L
RT: 1.712 min Scan# 209
Delta R.T. 0.000 min
Lab File: VV036760.D
Acq: 02 Aug 2024 10:40

Tgt Ion:101 Resp: 507967
Ion Ratio Lower Upper
101 100
103 64.4 51.4 77.0





#10

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

Concen: 102.992 ug/L

RT: 2.066 min Scan# 319

Delta R.T. 0.000 min

Lab File: VV036760.D

Acq: 02 Aug 2024 10:40

Instrument :

MSVOA_V

ClientSampleId :

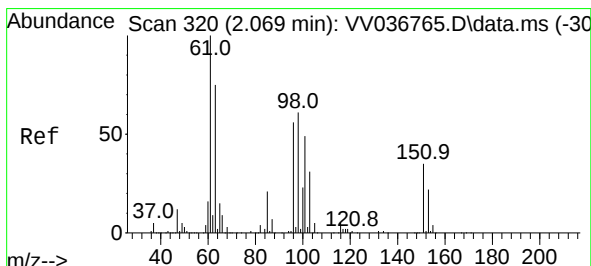
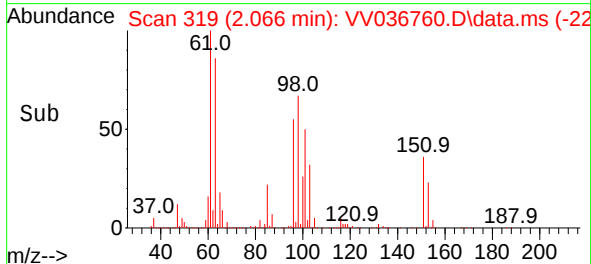
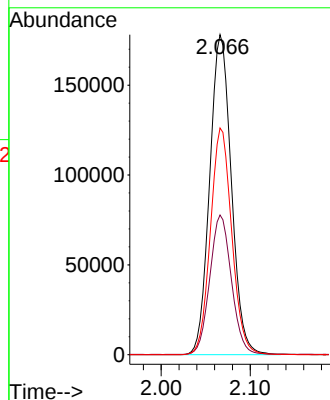
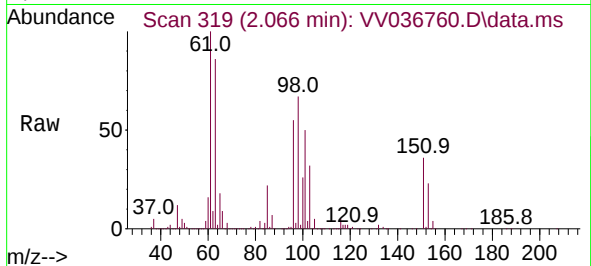
Tgt Ion:101 Resp: 300169

Ion Ratio Lower Upper

101 100

85 43.4 34.6 51.8

151 69.9 55.9 83.9



#12

1,1-Dichloroethene

Concen: 102.412 ug/L

RT: 2.066 min Scan# 319

Delta R.T. -0.003 min

Lab File: VV036760.D

Acq: 02 Aug 2024 10:40

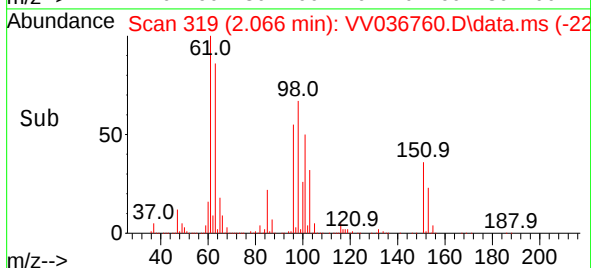
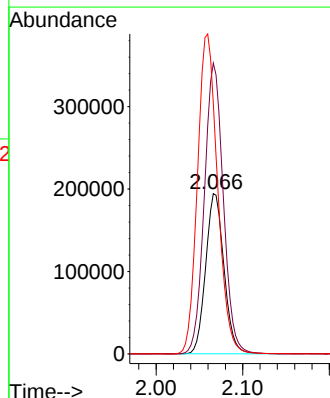
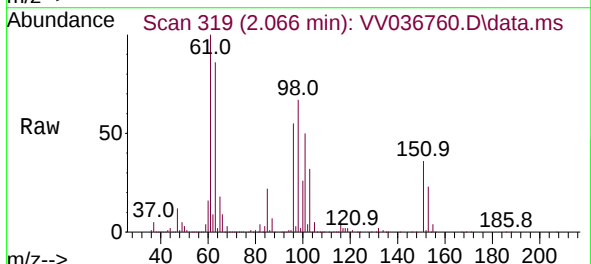
Tgt Ion: 96 Resp: 285430

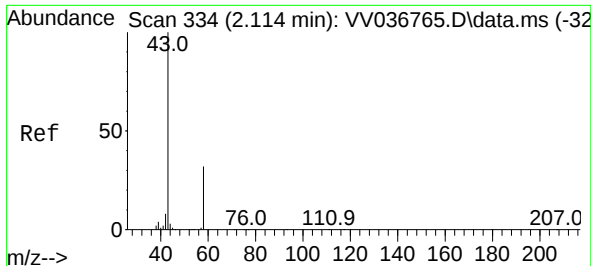
Ion Ratio Lower Upper

96 100

61 181.3 125.6 233.2

63 156.4 95.1 176.7





#13

Acetone

Concen: 175.835 ug/L

RT: 2.111 min Scan# 334

Delta R.T. -0.003 min

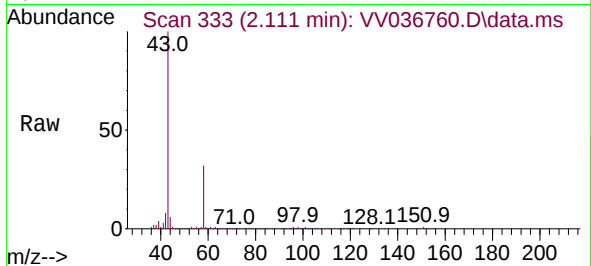
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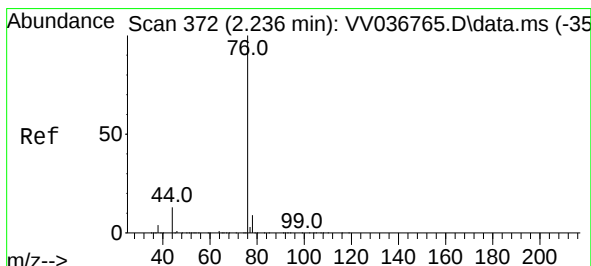
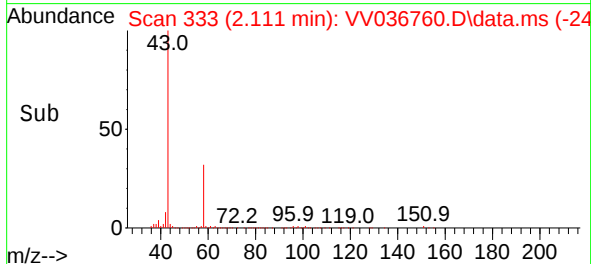
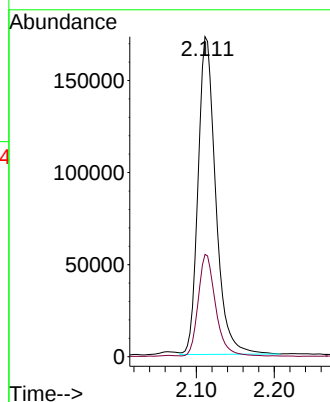


Tgt Ion: 43 Resp: 271573

Ion Ratio Lower Upper

43 100

58 31.3 0.0 63.4



#14

Carbon disulfide

Concen: 99.784 ug/L

RT: 2.236 min Scan# 372

Delta R.T. 0.000 min

Lab File: VV036760.D

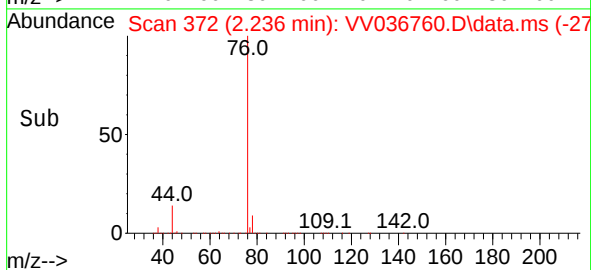
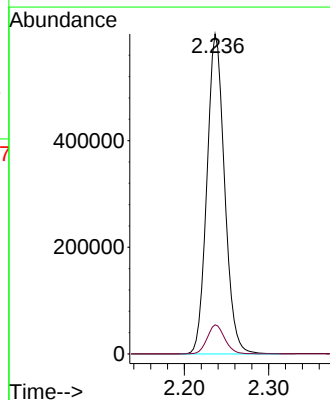
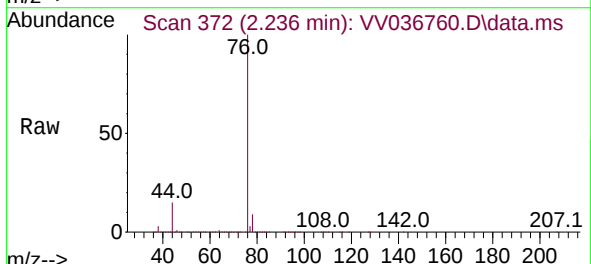
Acq: 02 Aug 2024 10:40

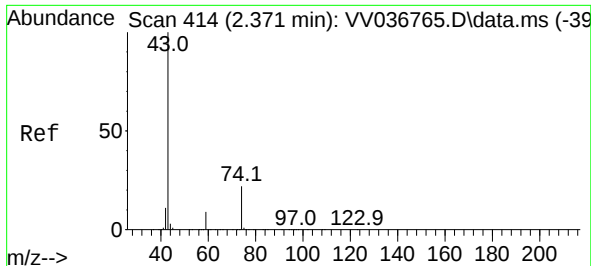
Tgt Ion: 76 Resp: 876629

Ion Ratio Lower Upper

76 100

78 9.1 7.1 10.7





#15

Methyl Acetate

Concen: 102.089 ug/L

RT: 2.371 min Scan# 414

Delta R.T. 0.000 min

Lab File: VV036760.D

Acq: 02 Aug 2024 10:40

Instrument :

MSVOA_V

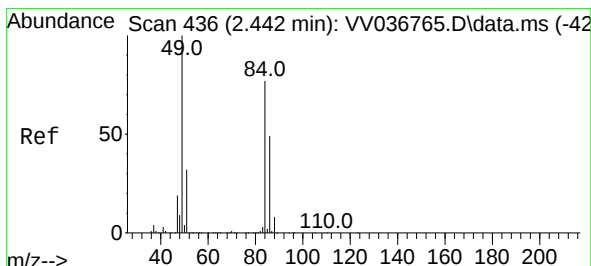
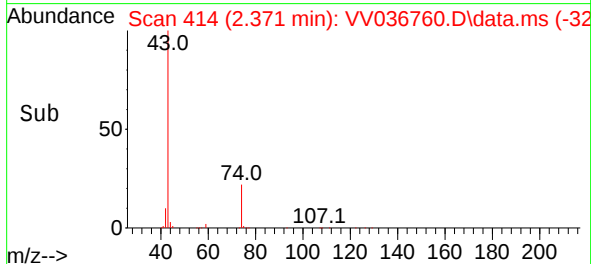
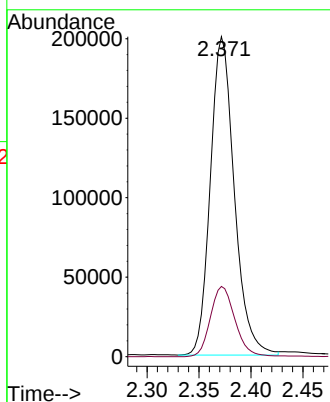
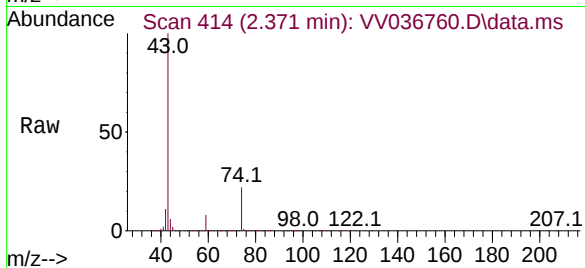
ClientSampleId :

Tgt Ion: 43 Resp: 321481

Ion Ratio Lower Upper

43 100

74 22.7 19.0 28.4



#16

Methylene chloride

Concen: 99.896 ug/L

RT: 2.442 min Scan# 436

Delta R.T. 0.000 min

Lab File: VV036760.D

Acq: 02 Aug 2024 10:40

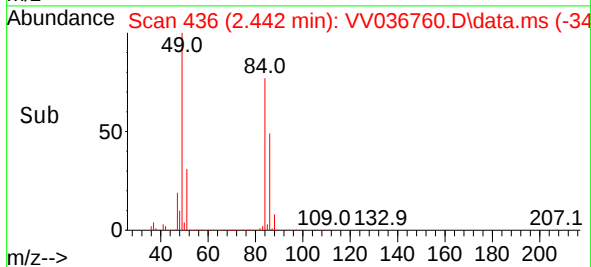
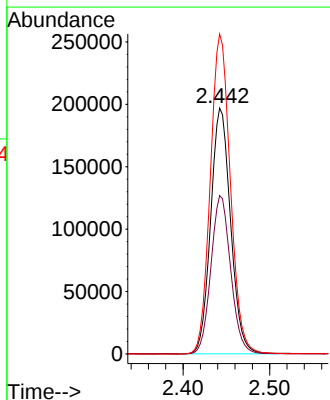
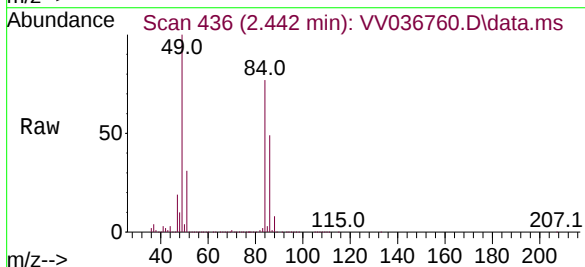
Tgt Ion: 84 Resp: 314970

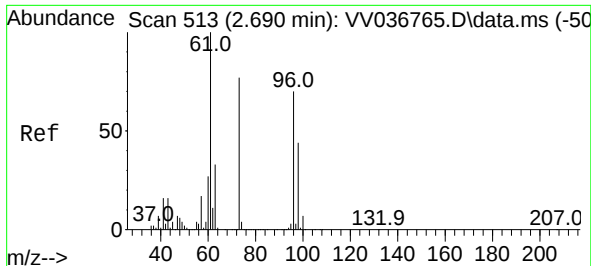
Ion Ratio Lower Upper

84 100

86 64.4 44.3 82.3

49 130.1 91.1 169.1





#17

trans-1,2-Dichloroethene

Concen: 102.850 ug/L

RT: 2.687 min Scan# 51

Delta R.T. -0.003 min

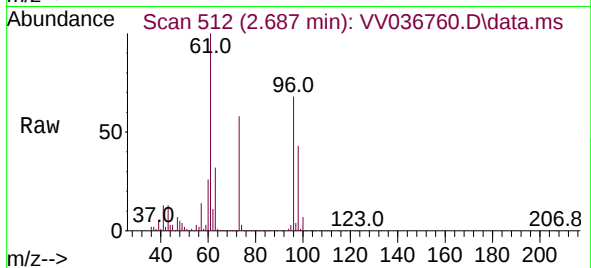
Lab File: VV036760.D

Acq: 02 Aug 2024 10:40

Instrument :

MSVOA_V

ClientSampleId :



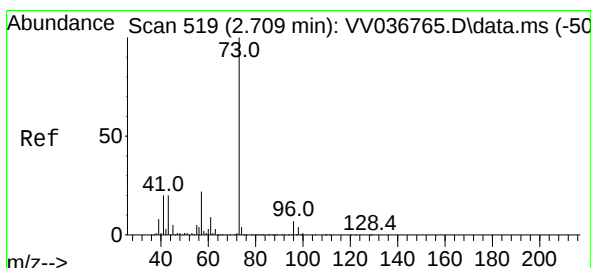
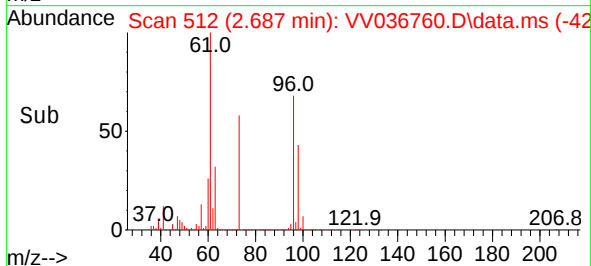
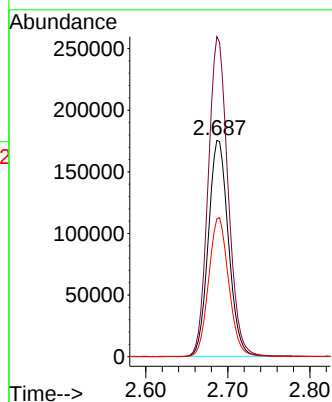
Tgt Ion: 96 Resp: 298180

Ion Ratio Lower Upper

96 100

61 147.9 100.0 185.8

98 63.8 44.0 81.8



#18

Methyl tert-butyl Ether

Concen: 102.678 ug/L

RT: 2.706 min Scan# 518

Delta R.T. -0.003 min

Lab File: VV036760.D

Acq: 02 Aug 2024 10:40

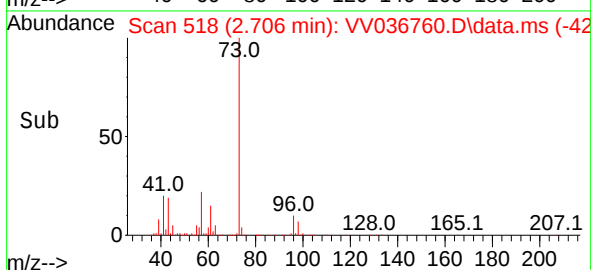
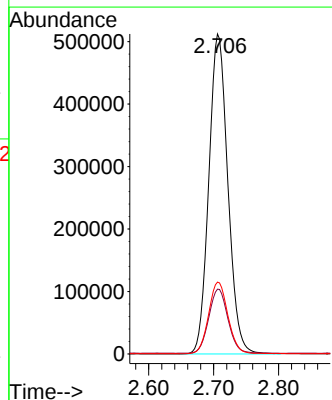
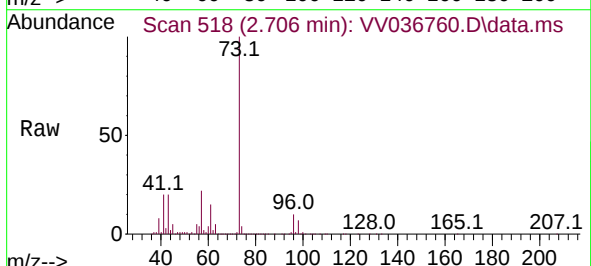
Tgt Ion: 73 Resp: 1043105

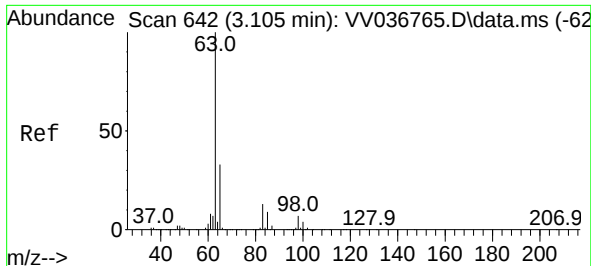
Ion Ratio Lower Upper

73 100

43 20.2 16.1 24.1

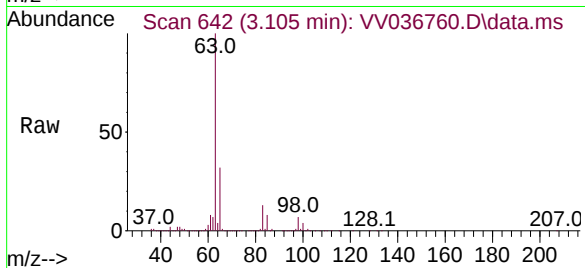
57 22.6 17.9 26.9



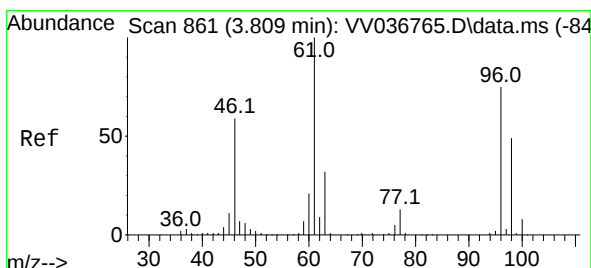
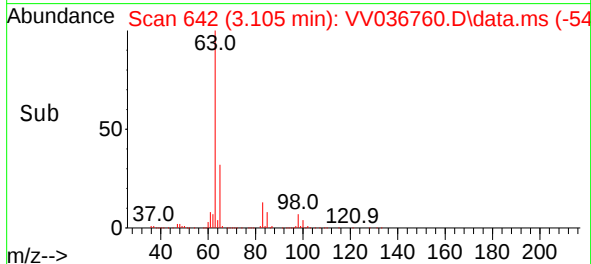
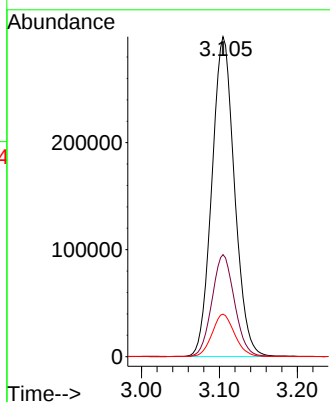


#19
1,1-Dichloroethane
Concen: 103.046 ug/L
RT: 3.105 min Scan# 642
Delta R.T. 0.000 min
Lab File: VV036760.D
Acq: 02 Aug 2024 10:40

Instrument :
MSVOA_V
ClientSampleId :

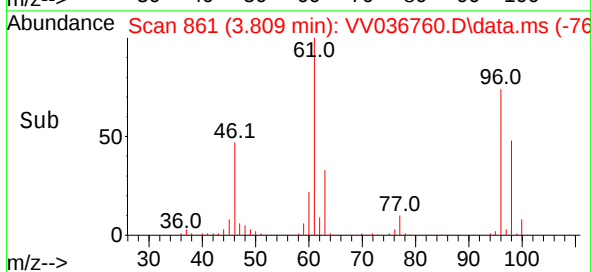
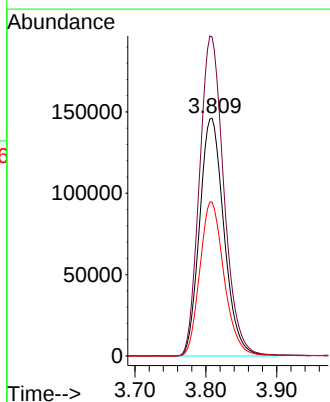
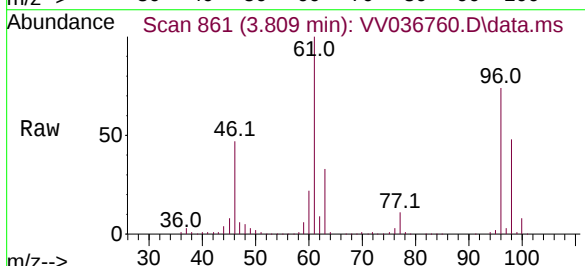


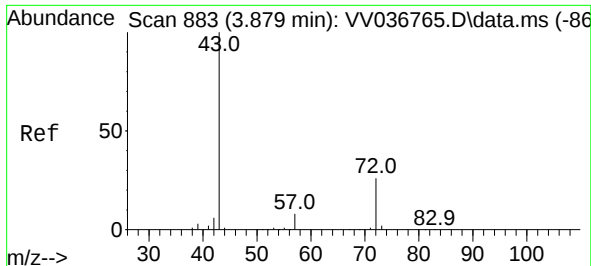
Tgt Ion: 63 Resp: 602955
Ion Ratio Lower Upper
63 100
65 31.9 23.2 43.0
83 13.3 9.2 17.0



#20
cis-1,2-Dichloroethene
Concen: 102.043 ug/L
RT: 3.809 min Scan# 861
Delta R.T. 0.000 min
Lab File: VV036760.D
Acq: 02 Aug 2024 10:40

Tgt Ion: 96 Resp: 350179
Ion Ratio Lower Upper
96 100
61 134.3 93.9 174.5
98 64.7 46.0 85.4

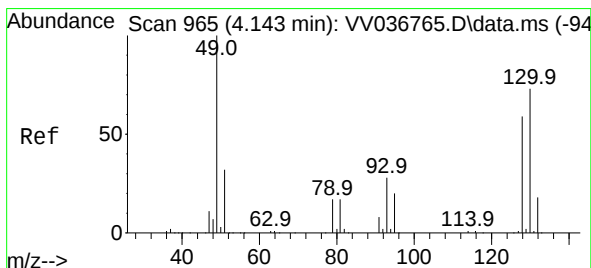
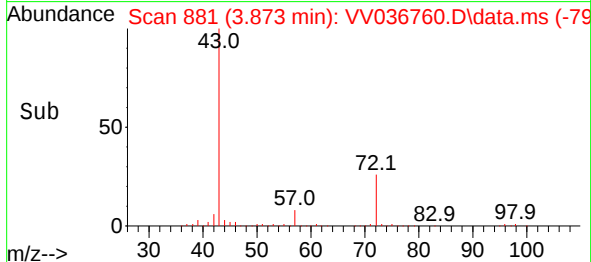
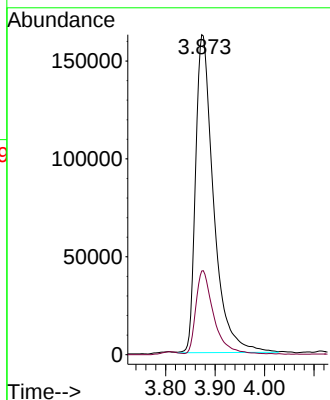
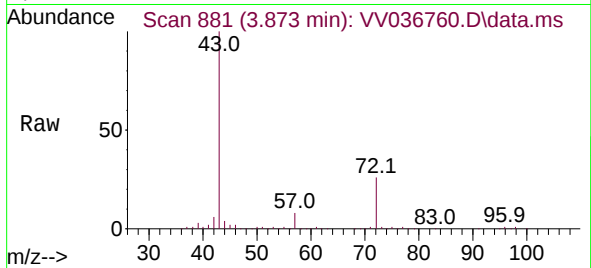




#22
2-Butanone
Concen: 211.879 ug/L
RT: 3.873 min Scan# 881
Delta R.T. -0.006 min
Lab File: VV036760.D
Acq: 02 Aug 2024 10:40

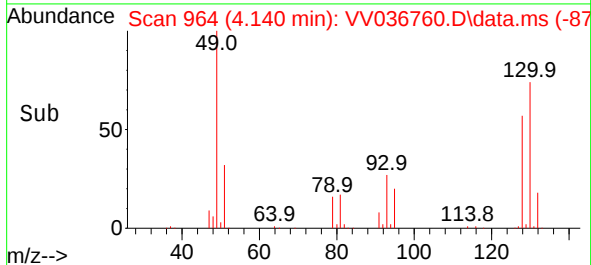
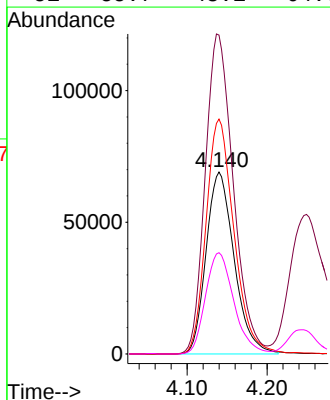
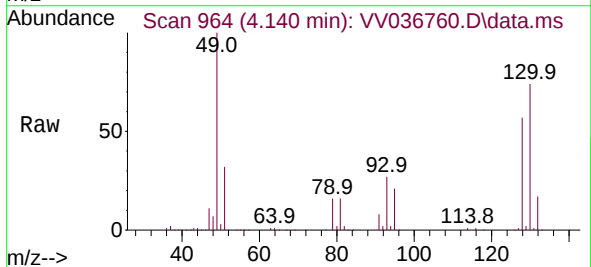
Instrument :
MSVOA_V
ClientSampleId :

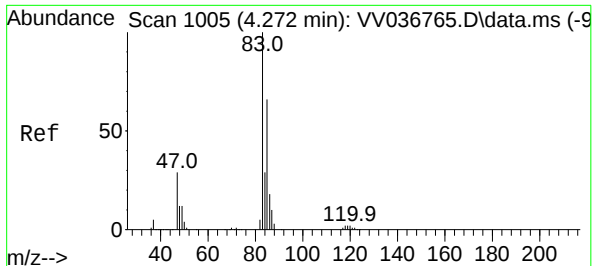
Tgt Ion: 43 Resp: 411237
Ion Ratio Lower Upper
43 100
72 25.8 12.5 37.5



#23
Bromochloromethane
Concen: 101.700 ug/L
RT: 4.140 min Scan# 964
Delta R.T. -0.003 min
Lab File: VV036760.D
Acq: 02 Aug 2024 10:40

Tgt Ion:128 Resp: 168529
Ion Ratio Lower Upper
128 100
49 175.4 120.0 223.0
130 129.1 87.0 161.6
51 55.7 43.1 64.7





#25

Chloroform

Concen: 102.352 ug/L

RT: 4.272 min Scan# 1005

Delta R.T. 0.000 min

Lab File: VV036760.D

Acq: 02 Aug 2024 10:40

Instrument :

MSVOA_V

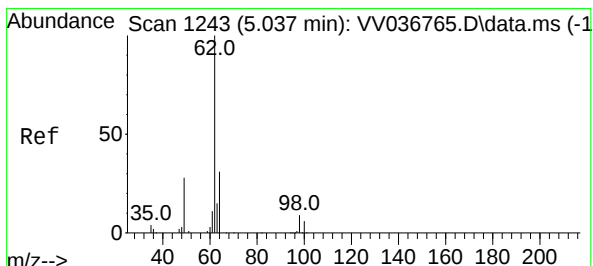
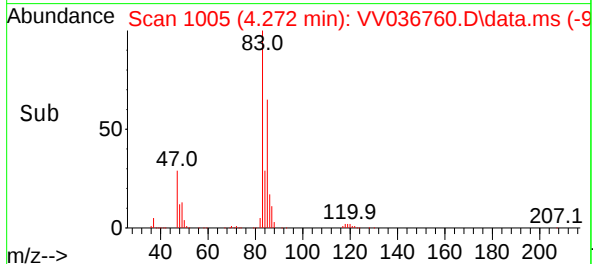
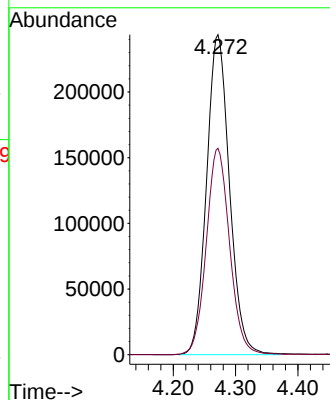
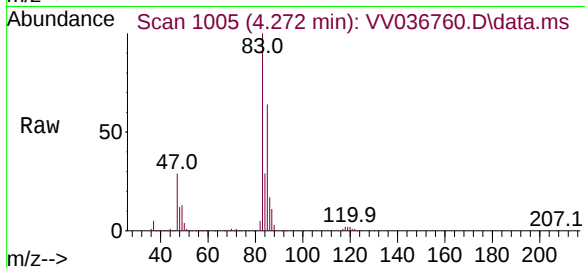
ClientSampleId :

Tgt Ion: 83 Resp: 622450

Ion Ratio Lower Upper

83 100

85 64.5 46.0 85.4



#27

1,2-Dichloroethane

Concen: 105.799 ug/L

RT: 5.037 min Scan# 1243

Delta R.T. 0.000 min

Lab File: VV036760.D

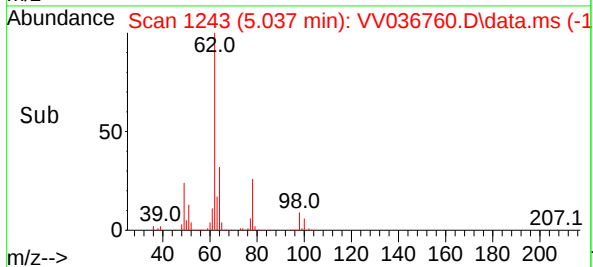
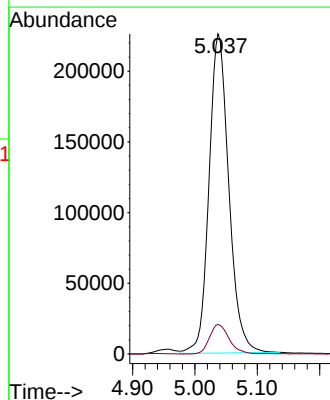
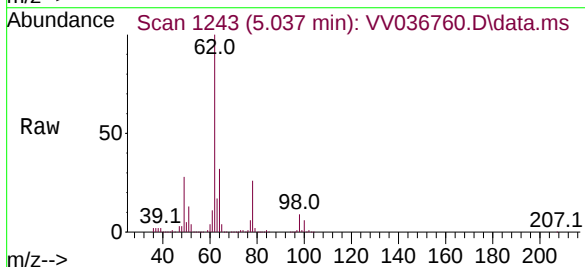
Acq: 02 Aug 2024 10:40

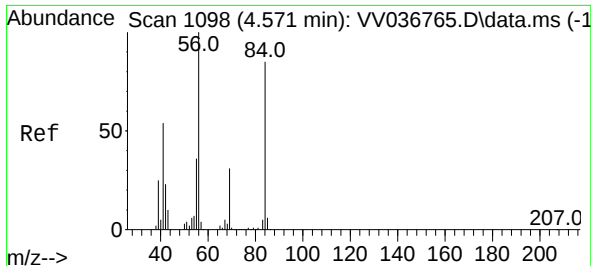
Tgt Ion: 62 Resp: 498591

Ion Ratio Lower Upper

62 100

98 9.2 7.5 11.3





#29

Cyclohexane

Concen: 104.332 ug/L

RT: 4.571 min Scan# 1098

Delta R.T. 0.000 min

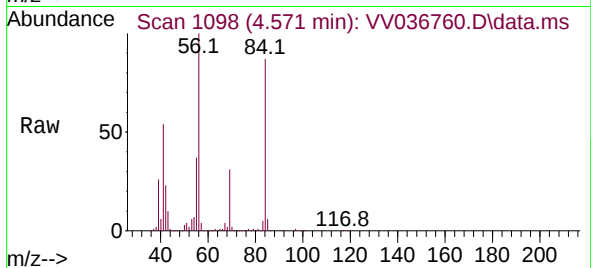
Lab File: VV036760.D

Acq: 02 Aug 2024 10:40

Instrument :

MSVOA_V

ClientSampleId :



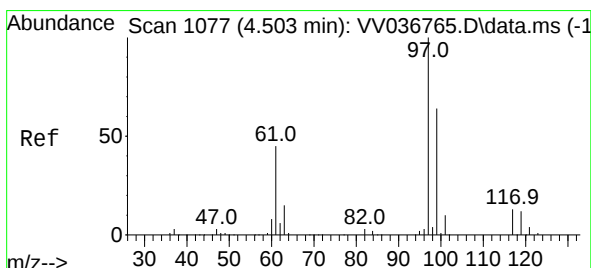
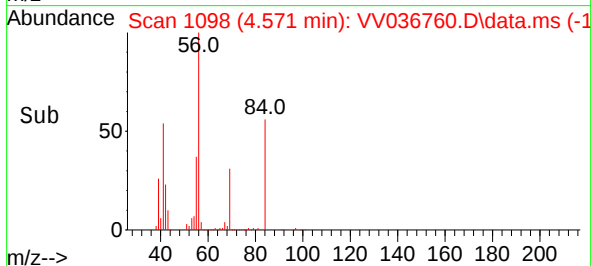
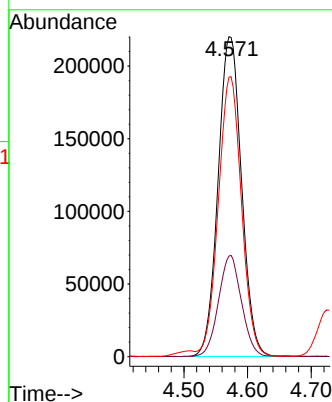
Tgt Ion: 56 Resp: 563689

Ion Ratio Lower Upper

56 100

69 31.0 24.7 37.1

84 86.1 68.5 102.7



#30

1,1,1-Trichloroethane

Concen: 102.999 ug/L

RT: 4.503 min Scan# 1077

Delta R.T. 0.000 min

Lab File: VV036760.D

Acq: 02 Aug 2024 10:40

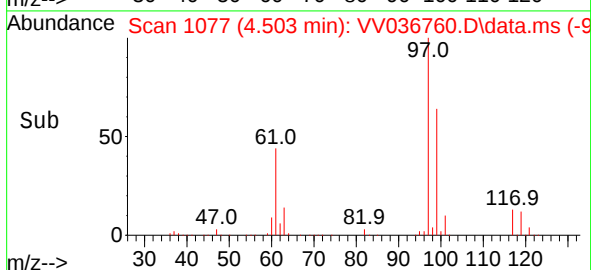
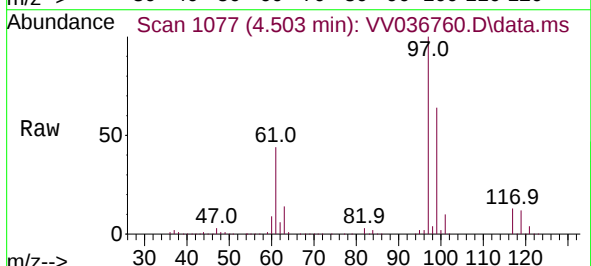
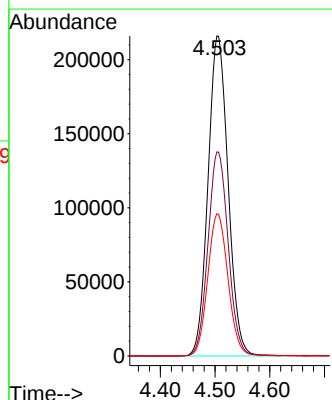
Tgt Ion: 97 Resp: 550714

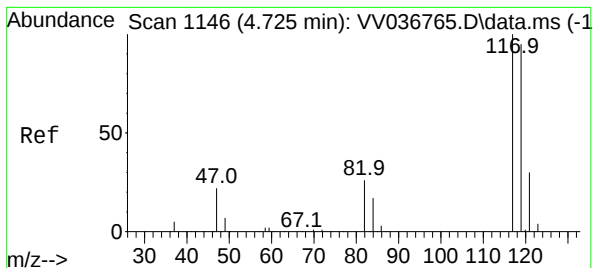
Ion Ratio Lower Upper

97 100

99 64.1 51.5 77.3

61 44.9 36.0 54.0





#31

Carbon tetrachloride

Concen: 103.840 ug/L

RT: 4.728 min Scan# 1146

Delta R.T. 0.003 min

Lab File: VV036760.D

Acq: 02 Aug 2024 10:40

Instrument :

MSVOA_V

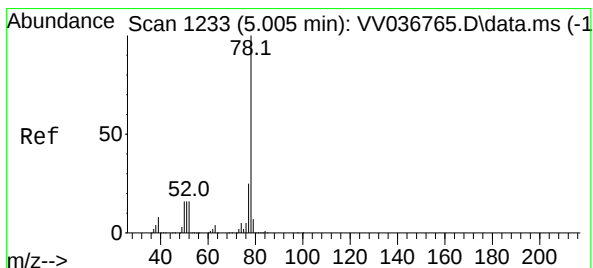
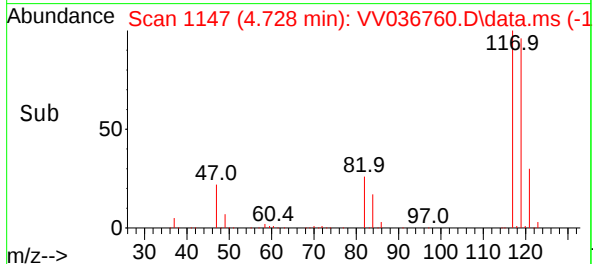
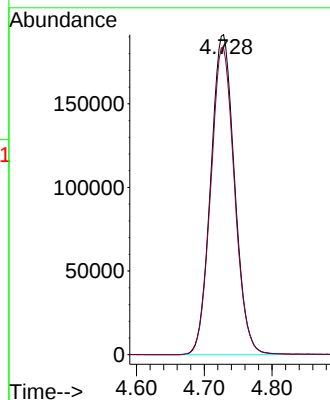
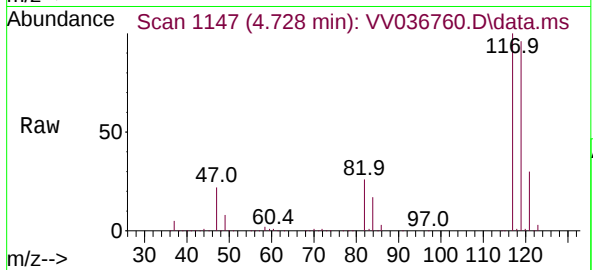
ClientSampleId :

Tgt Ion:117 Resp: 466750

Ion Ratio Lower Upper

117 100

119 95.9 76.1 114.1



#33

Benzene

Concen: 103.487 ug/L

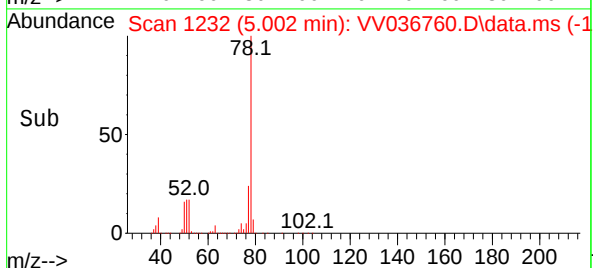
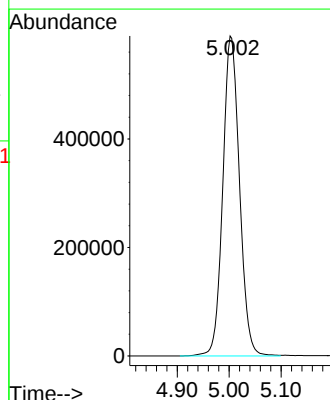
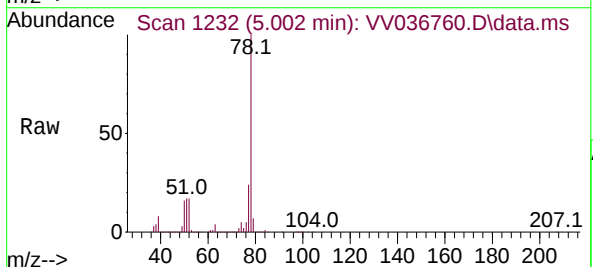
RT: 5.002 min Scan# 1232

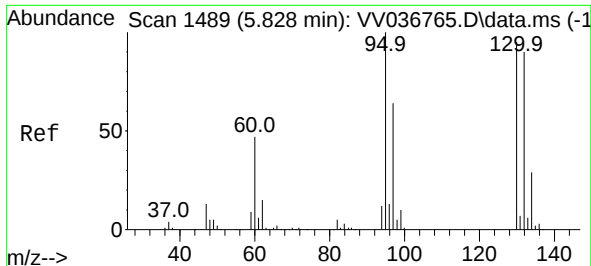
Delta R.T. -0.003 min

Lab File: VV036760.D

Acq: 02 Aug 2024 10:40

Tgt Ion: 78 Resp: 1315609

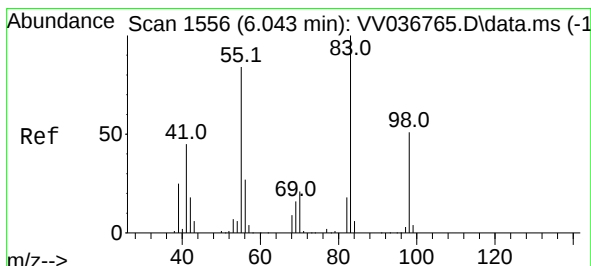
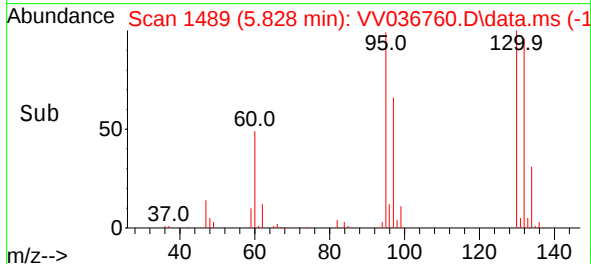
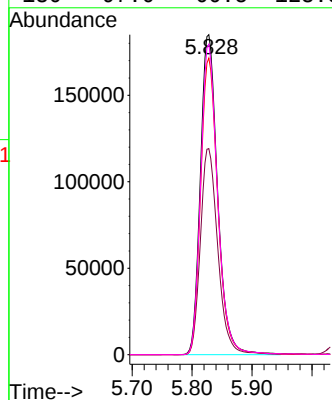
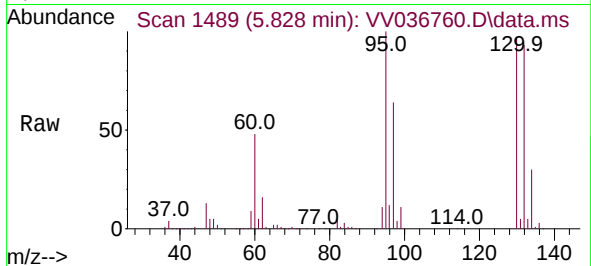




#34
Trichloroethene
Concen: 100.705 ug/L
RT: 5.828 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VV036760.D
Acq: 02 Aug 2024 10:40

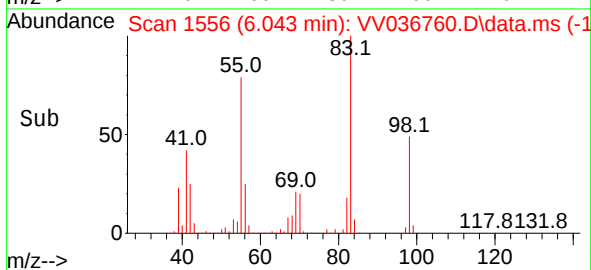
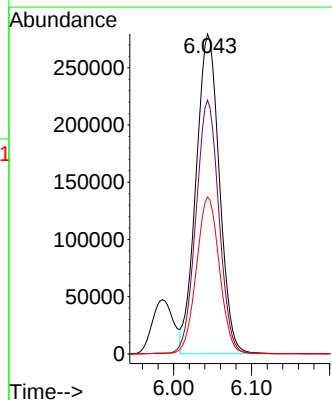
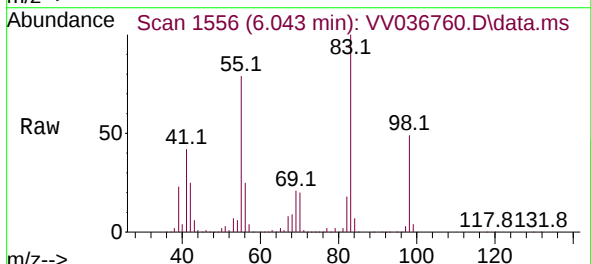
Instrument :
MSVOA_V
ClientSampleId :

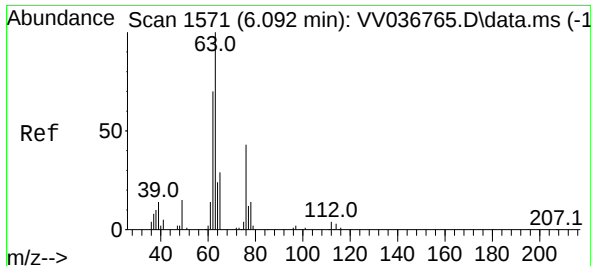
Tgt Ion: 95 Resp: 371172
Ion Ratio Lower Upper
95 100
97 64.4 44.7 82.9
132 92.7 62.9 116.9
130 97.0 66.5 123.5



#35
Methylcyclohexane
Concen: 104.106 ug/L
RT: 6.043 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VV036760.D
Acq: 02 Aug 2024 10:40

Tgt Ion: 83 Resp: 581618
Ion Ratio Lower Upper
83 100
55 77.7 62.3 93.5
98 48.7 38.7 58.1

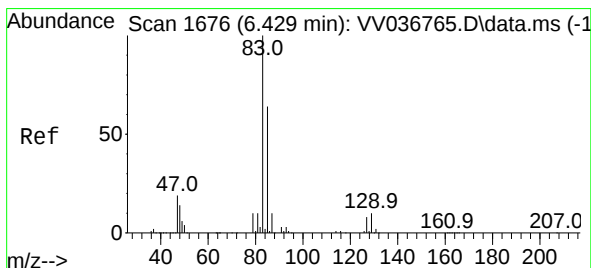
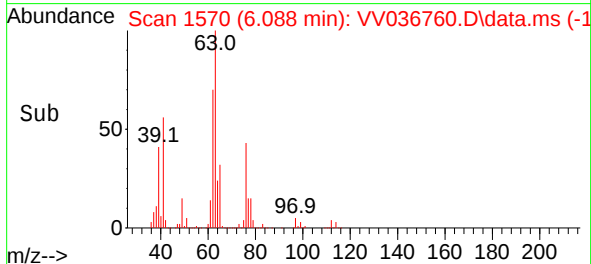
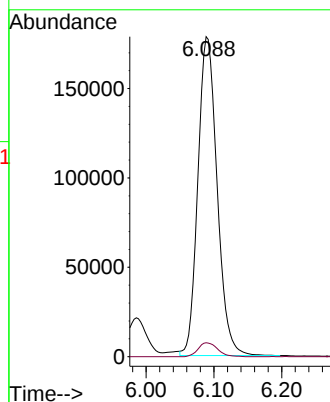
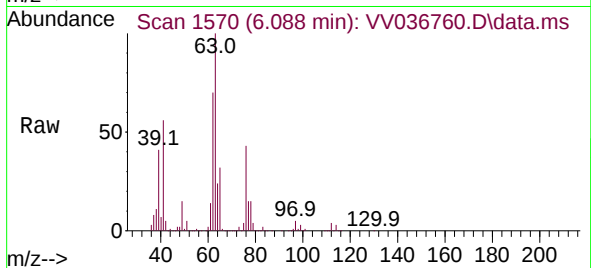




#37
1,2-Dichloropropane
Concen: 105.056 ug/L
RT: 6.088 min Scan# 1570
Delta R.T. -0.003 min
Lab File: VV036760.D
Acq: 02 Aug 2024 10:40

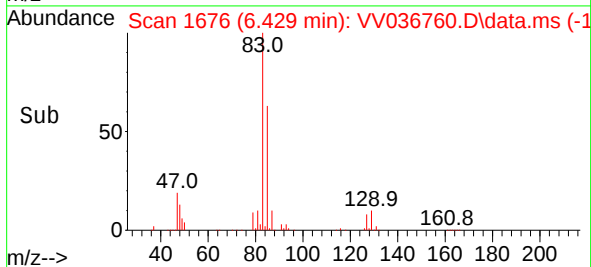
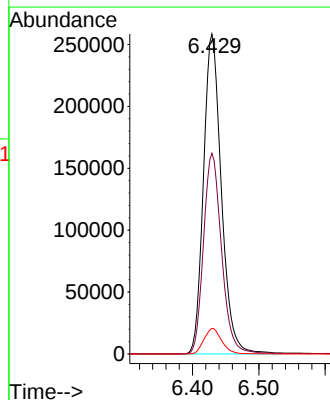
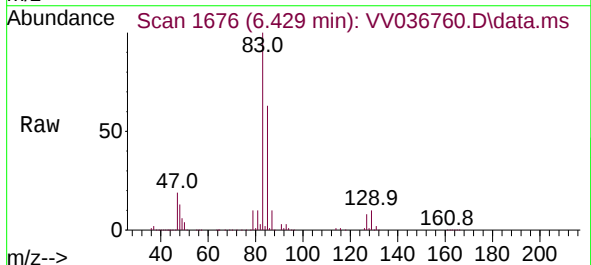
Instrument :
MSVOA_V
ClientSampleId :

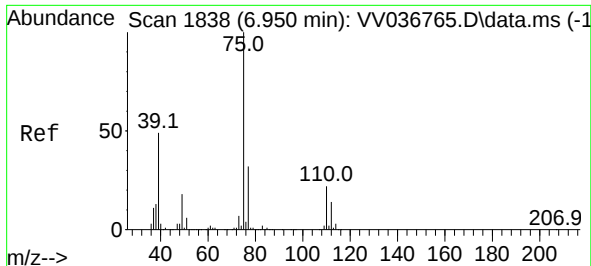
Tgt Ion: 63 Resp: 351657
Ion Ratio Lower Upper
63 100
112 4.5 3.6 5.4



#38
Bromodichloromethane
Concen: 104.392 ug/L
RT: 6.429 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VV036760.D
Acq: 02 Aug 2024 10:40

Tgt Ion: 83 Resp: 484726
Ion Ratio Lower Upper
83 100
85 62.7 44.7 83.1
127 8.0 6.2 9.4

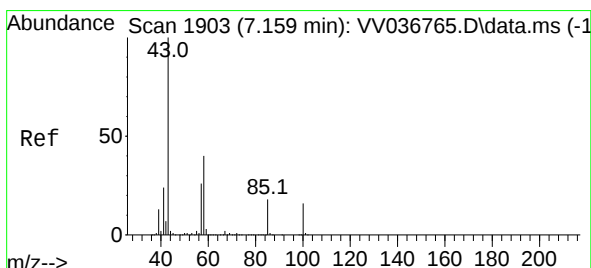
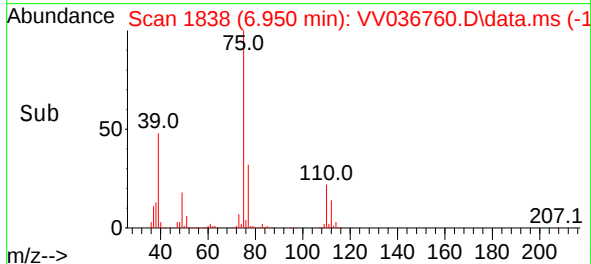
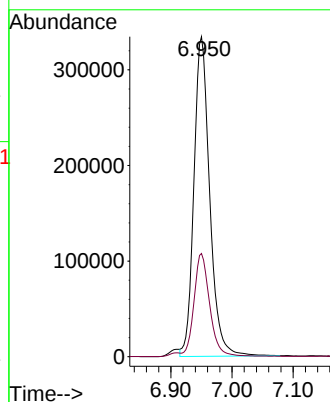
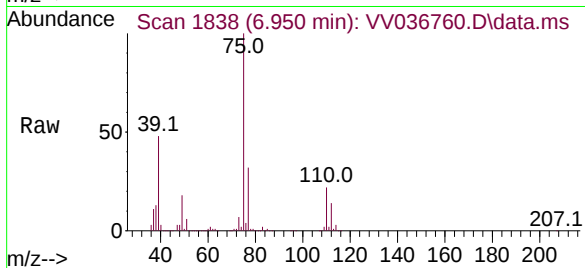




#39
cis-1,3-Dichloropropene
Concen: 103.143 ug/L
RT: 6.950 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV036760.D
Acq: 02 Aug 2024 10:40

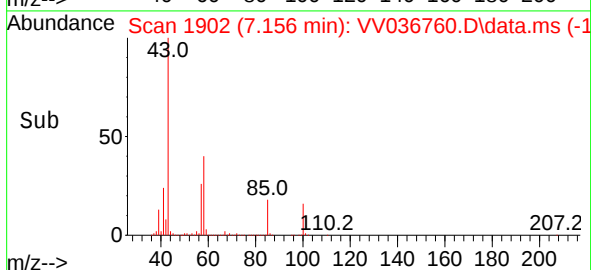
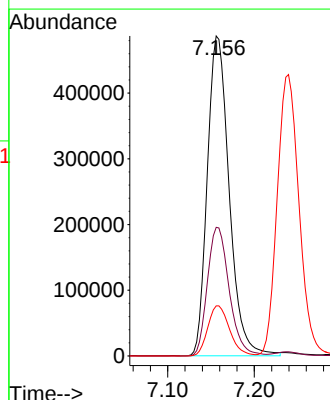
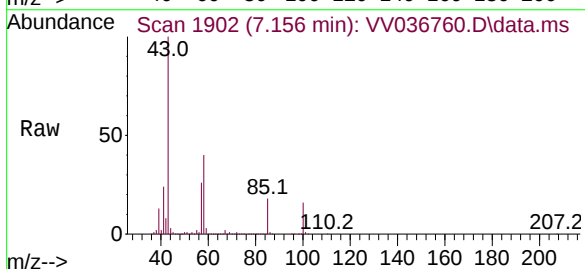
Instrument :
MSVOA_V
ClientSampleId :

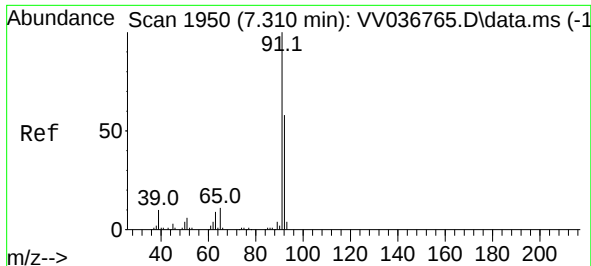
Tgt Ion: 75 Resp: 600142
Ion Ratio Lower Upper
75 100
77 32.2 22.2 41.2



#40
4-Methyl-2-pentanone
Concen: 211.403 ug/L
RT: 7.156 min Scan# 1902
Delta R.T. -0.003 min
Lab File: VV036760.D
Acq: 02 Aug 2024 10:40

Tgt Ion: 43 Resp: 855656
Ion Ratio Lower Upper
43 100
58 40.1 31.3 46.9
100 15.6 12.6 18.8





#42

Toluene

Concen: 104.885 ug/L

RT: 7.310 min Scan# 1950

Delta R.T. 0.000 min

Lab File: VV036760.D

Acq: 02 Aug 2024 10:40

Instrument :

MSVOA_V

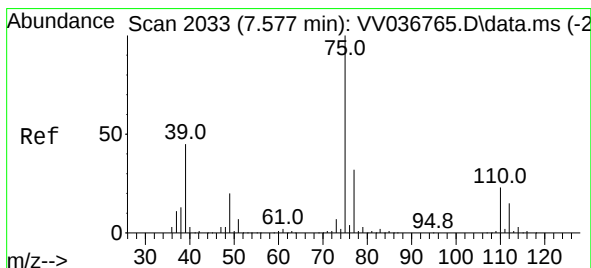
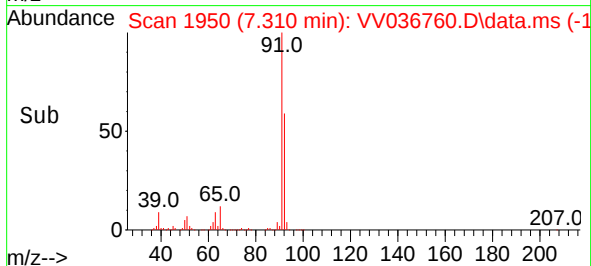
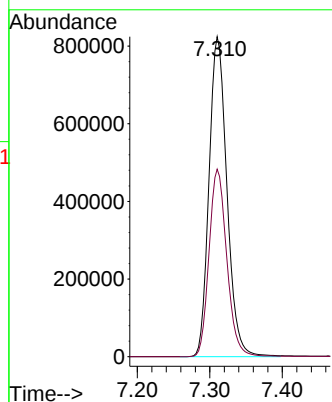
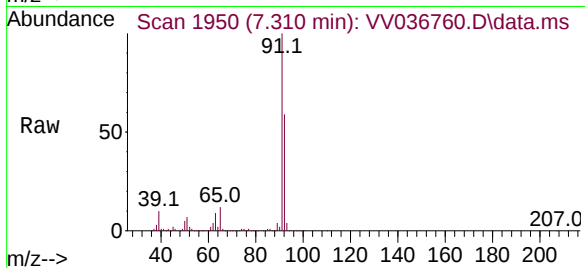
ClientSampleId :

Tgt Ion: 91 Resp: 1411088

Ion Ratio Lower Upper

91 100

92 58.6 40.5 75.1



#44

trans-1,3-Dichloropropene

Concen: 105.627 ug/L

RT: 7.577 min Scan# 2033

Delta R.T. 0.000 min

Lab File: VV036760.D

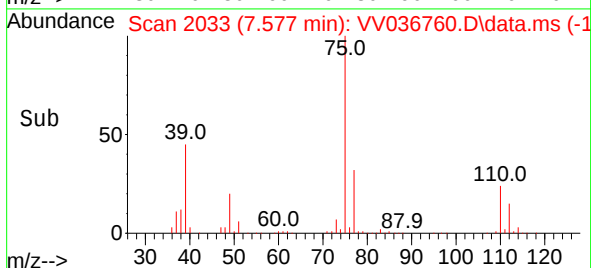
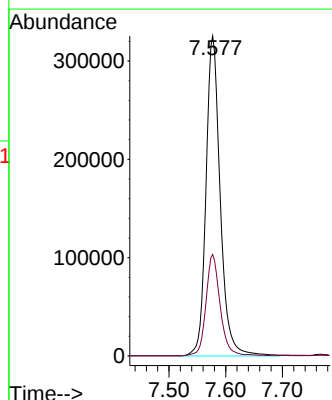
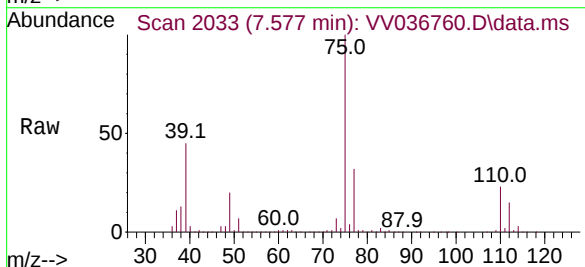
Acq: 02 Aug 2024 10:40

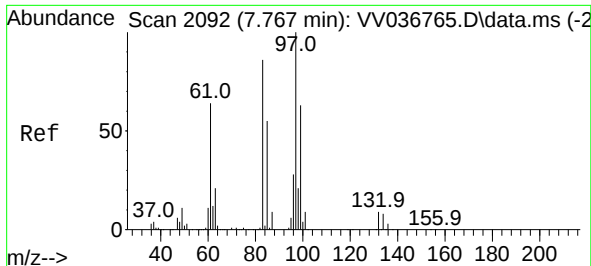
Tgt Ion: 75 Resp: 569701

Ion Ratio Lower Upper

75 100

77 31.7 22.4 41.6





#45

1,1,2-Trichloroethane

Concen: 103.219 ug/L

RT: 7.764 min Scan# 2092

Delta R.T. -0.003 min

Lab File: VV036760.D

Acq: 02 Aug 2024 10:40

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 331536

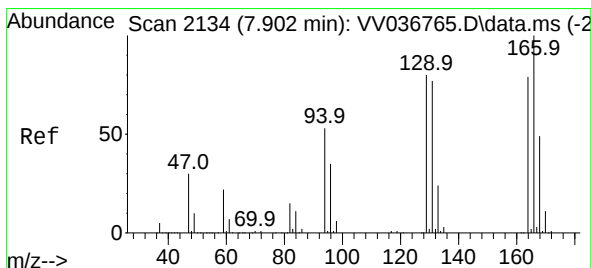
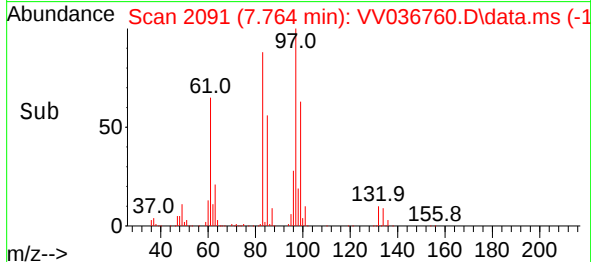
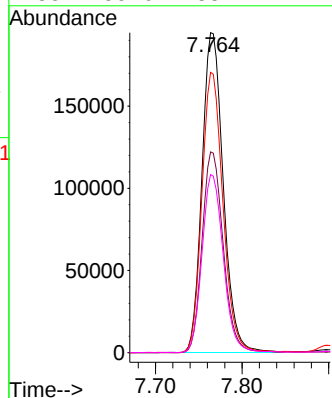
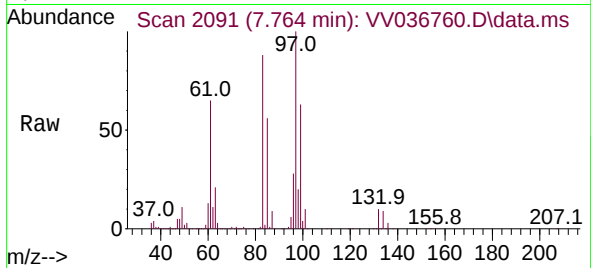
Ion Ratio Lower Upper

97 100

99 62.8 44.0 81.6

83 87.6 60.1 111.5

85 55.6 38.4 71.4



#46

Tetrachloroethene

Concen: 103.627 ug/L

RT: 7.902 min Scan# 2134

Delta R.T. 0.000 min

Lab File: VV036760.D

Acq: 02 Aug 2024 10:40

Tgt Ion:164 Resp: 248249

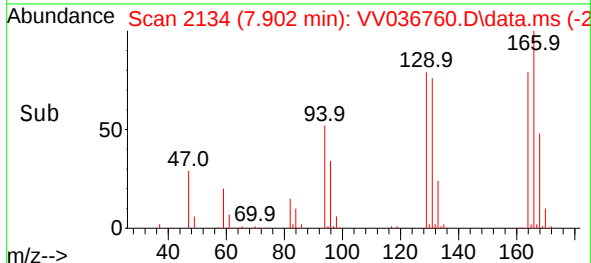
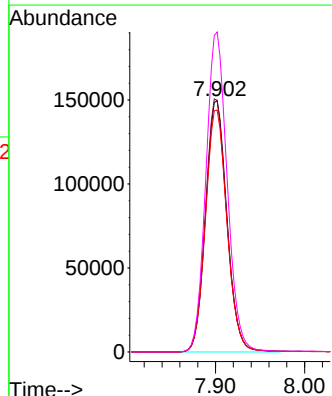
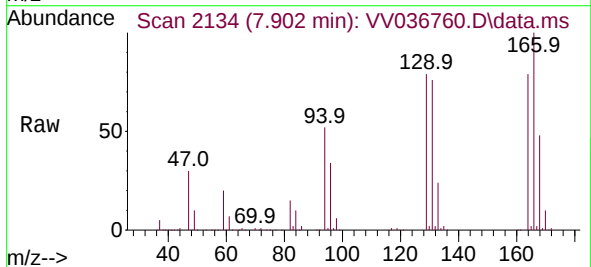
Ion Ratio Lower Upper

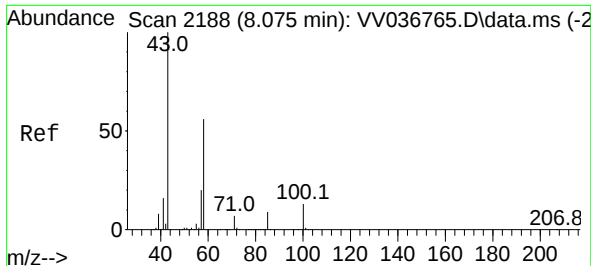
164 100

129 100.1 70.4 130.8

131 96.2 67.7 125.7

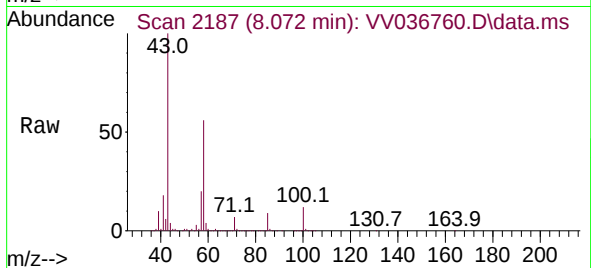
166 127.3 88.4 164.2



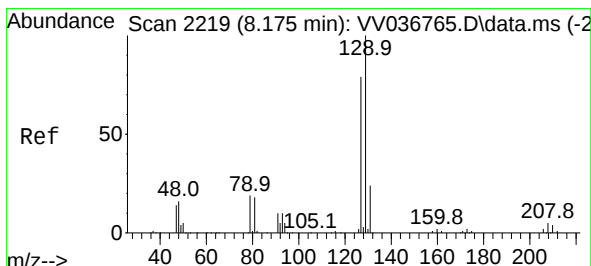
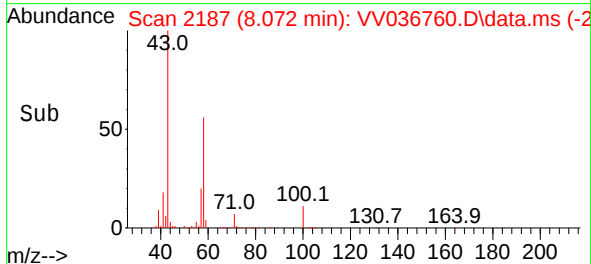
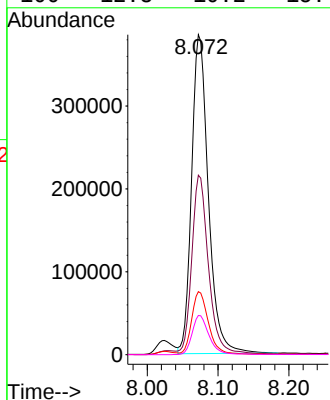


#48
2-Hexanone
Concen: 207.771 ug/L
RT: 8.072 min Scan# 2188
Delta R.T. -0.003 min
Lab File: VV036760.D
Acq: 02 Aug 2024 10:40

Instrument :
MSVOA_V
ClientSampleId :

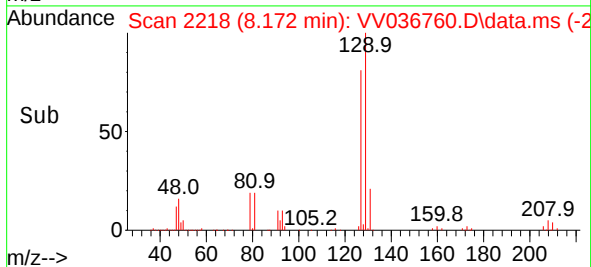
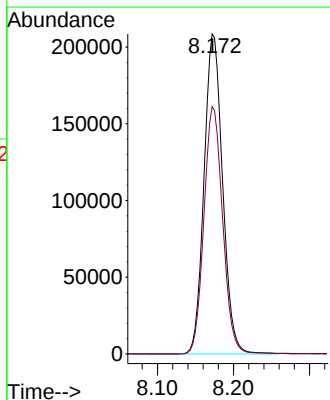
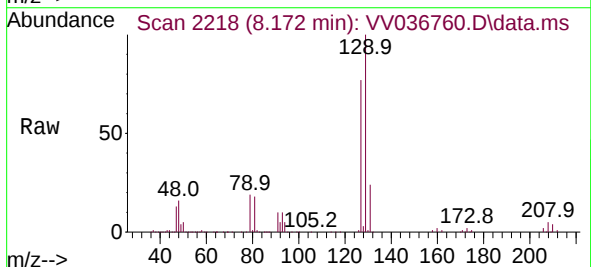


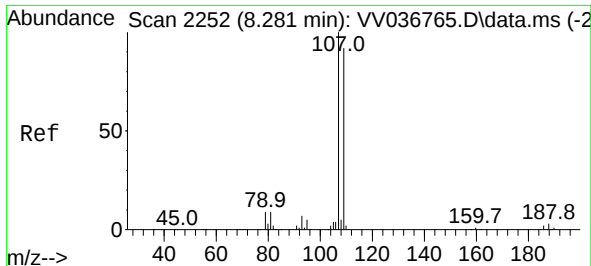
Tgt Ion: 43 Resp: 633379
Ion Ratio Lower Upper
43 100
58 56.0 44.7 67.1
57 19.7 15.0 22.4
100 12.3 10.2 15.4



#49
Dibromochloromethane
Concen: 104.932 ug/L
RT: 8.172 min Scan# 2218
Delta R.T. -0.003 min
Lab File: VV036760.D
Acq: 02 Aug 2024 10:40

Tgt Ion: 129 Resp: 353495
Ion Ratio Lower Upper
129 100
127 77.3 55.4 102.8





#50

1,2-Dibromoethane

Concen: 102.203 ug/L

RT: 8.278 min Scan# 2415

Delta R.T. -0.003 min

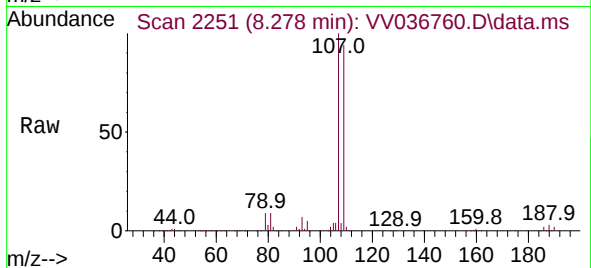
Lab File: VV036760.D

Acq: 02 Aug 2024 10:40

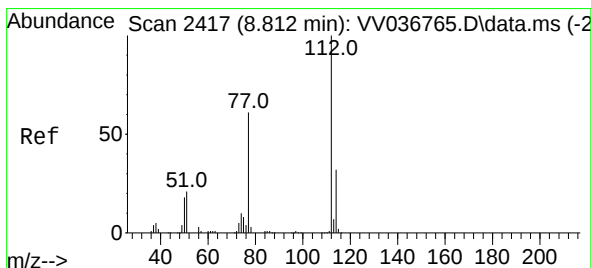
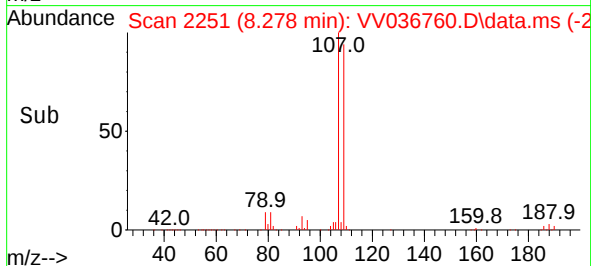
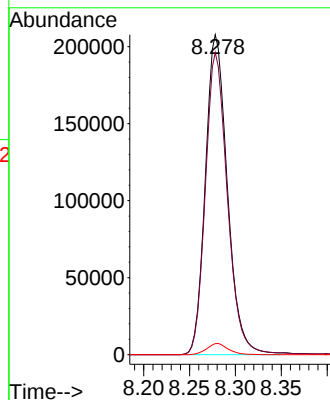
Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:	107	Resp:	347054
Ion	Ratio	Lower	Upper
107	100		
109	94.5	64.7	120.1
188	3.5	2.6	3.8



#51

Chlorobenzene

Concen: 102.630 ug/L

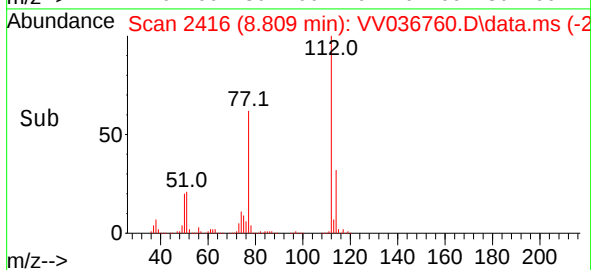
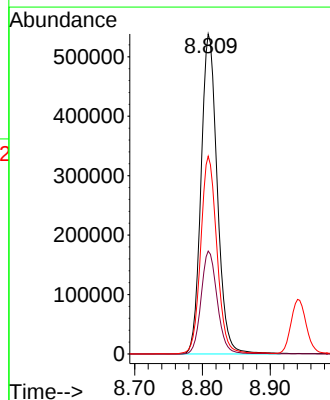
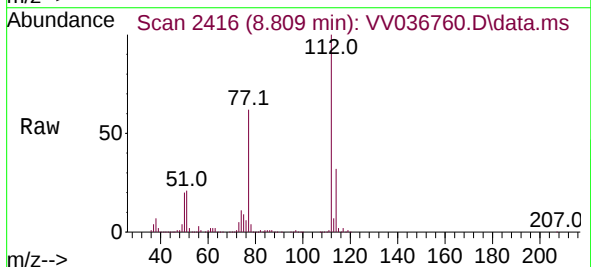
RT: 8.809 min Scan# 2416

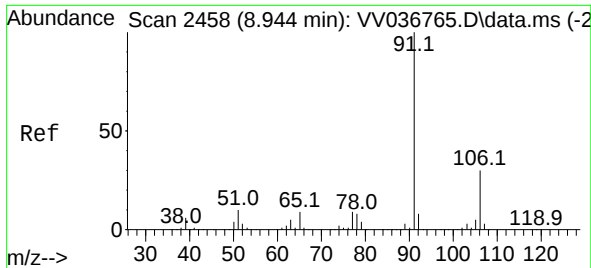
Delta R.T. -0.003 min

Lab File: VV036760.D

Acq: 02 Aug 2024 10:40

Tgt Ion:	112	Resp:	894098
Ion	Ratio	Lower	Upper
112	100		
114	32.2	22.3	41.5
77	61.8	48.9	73.3

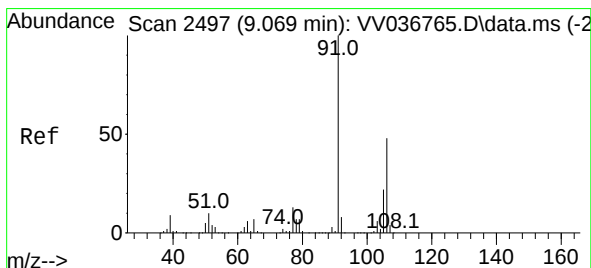
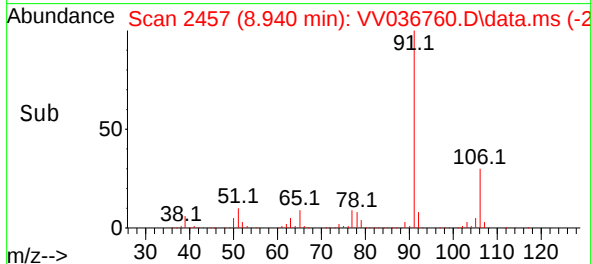
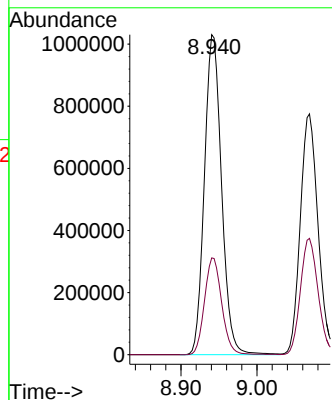
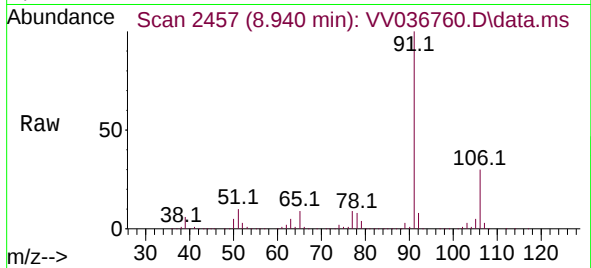




#52
Ethylbenzene
Concen: 104.131 ug/L
RT: 8.940 min Scan# 2458
Delta R.T. -0.003 min
Lab File: VV036760.D
Acq: 02 Aug 2024 10:40

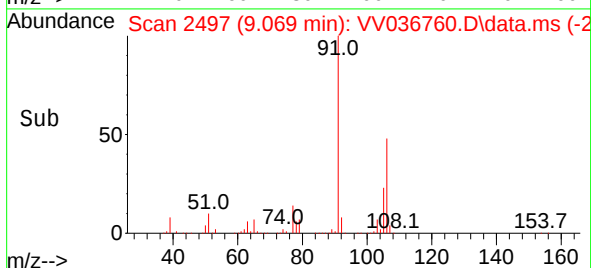
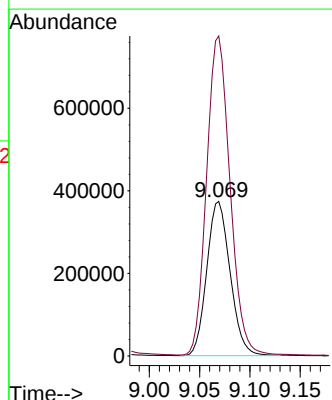
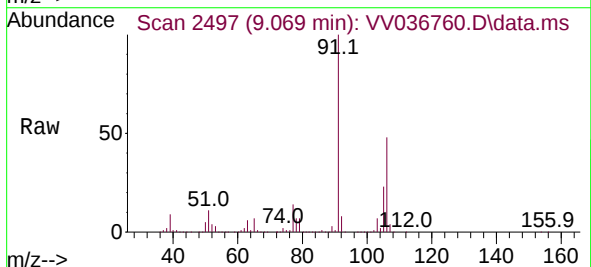
Instrument :
MSVOA_V
ClientSampleId :

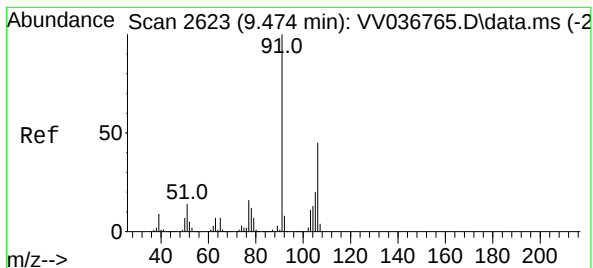
Tgt Ion: 91 Resp: 1615365
Ion Ratio Lower Upper
91 100
106 30.3 21.1 39.1



#53
m,p-Xylene
Concen: 106.272 ug/L
RT: 9.069 min Scan# 2497
Delta R.T. 0.000 min
Lab File: VV036760.D
Acq: 02 Aug 2024 10:40

Tgt Ion:106 Resp: 604195
Ion Ratio Lower Upper
106 100
91 207.1 147.1 273.3





#54

o-Xylene

Concen: 104.368 ug/L

RT: 9.474 min Scan# 20

Delta R.T. 0.000 min

Lab File: VV036760.D

Acq: 02 Aug 2024 10:40

Instrument :

MSVOA_V

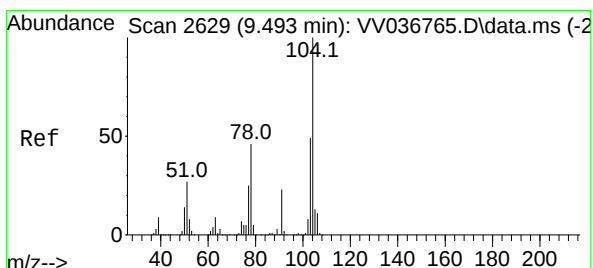
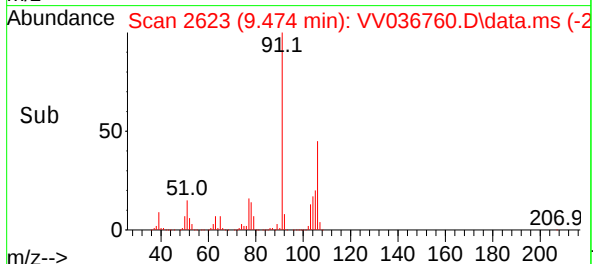
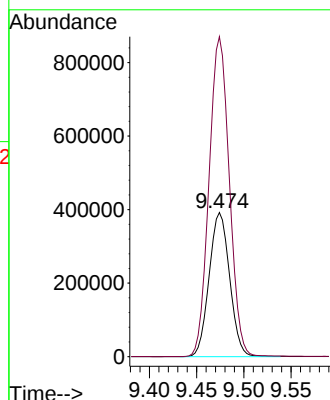
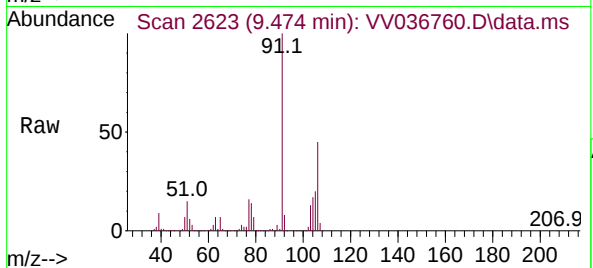
ClientSampleId :

Tgt Ion:106 Resp: 590496

Ion Ratio Lower Upper

106 100

91 222.0 154.5 286.9



#55

Styrene

Concen: 105.908 ug/L

RT: 9.490 min Scan# 2628

Delta R.T. -0.003 min

Lab File: VV036760.D

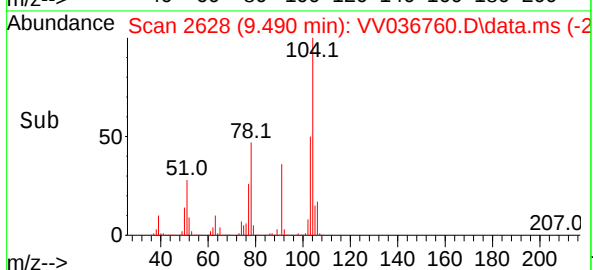
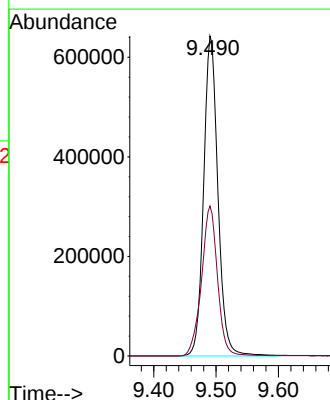
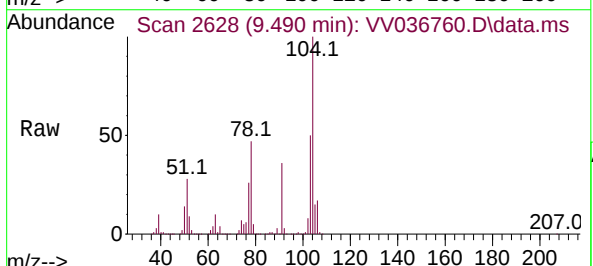
Acq: 02 Aug 2024 10:40

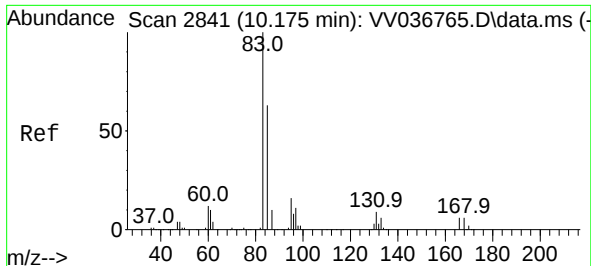
Tgt Ion:104 Resp: 1025438

Ion Ratio Lower Upper

104 100

78 46.8 32.1 59.7

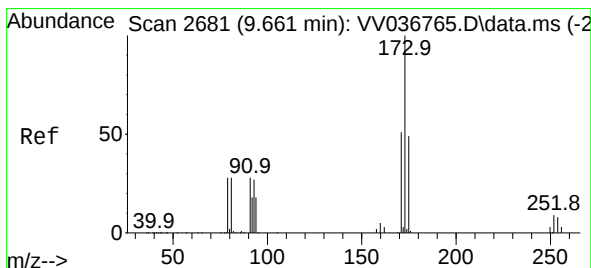
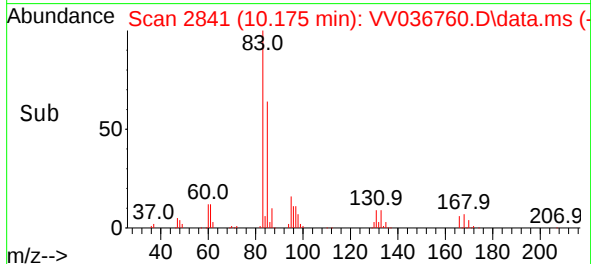
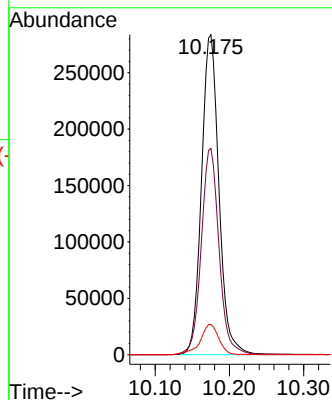
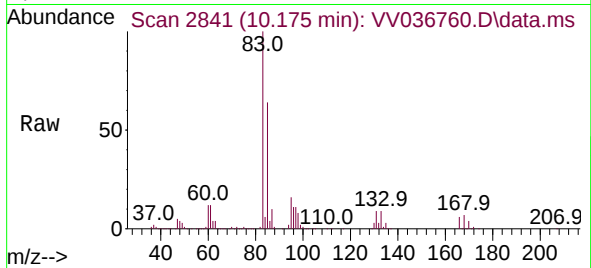




#57
1,1,2,2-Tetrachloroethane
Concen: 107.103 ug/L
RT: 10.175 min Scan# 2841
Delta R.T. 0.000 min
Lab File: VV036760.D
Acq: 02 Aug 2024 10:40

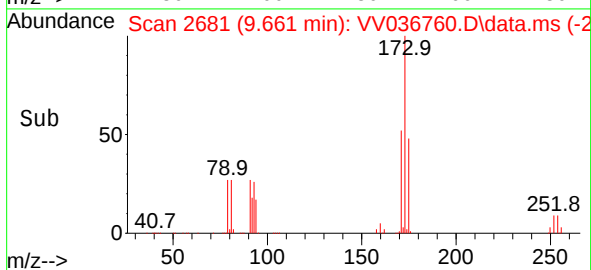
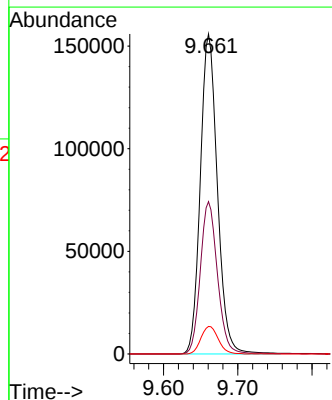
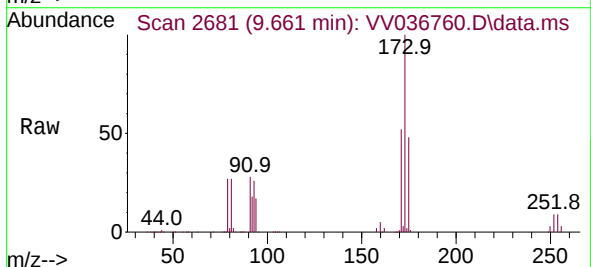
Instrument :
MSVOA_V
ClientSampleId :

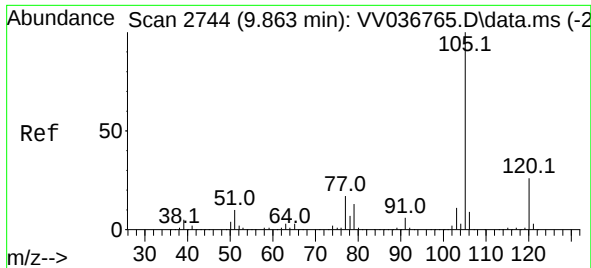
Tgt Ion: 83 Resp: 462343
Ion Ratio Lower Upper
83 100
85 64.5 44.7 83.1
131 9.5 7.2 10.8



#59
Bromoform
Concen: 105.272 ug/L
RT: 9.661 min Scan# 2681
Delta R.T. 0.000 min
Lab File: VV036760.D
Acq: 02 Aug 2024 10:40

Tgt Ion:173 Resp: 248678
Ion Ratio Lower Upper
173 100
175 47.6 39.8 59.8
254 8.8 6.8 10.2

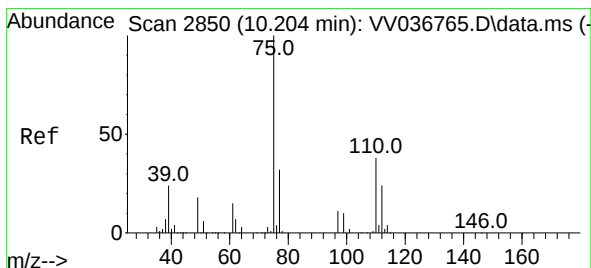
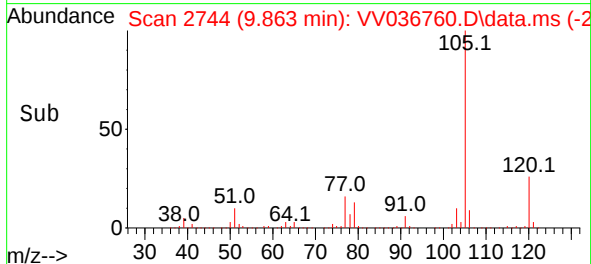
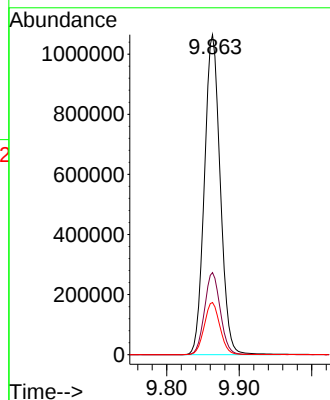
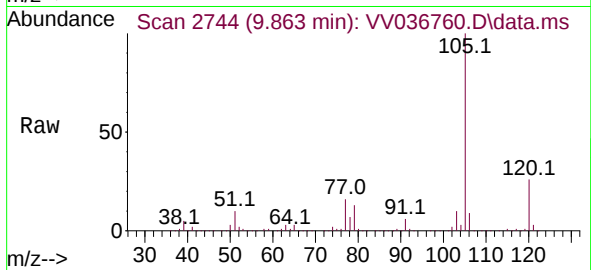




#60
Isopropylbenzene
Concen: 104.190 ug/L
RT: 9.863 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV036760.D
Acq: 02 Aug 2024 10:40

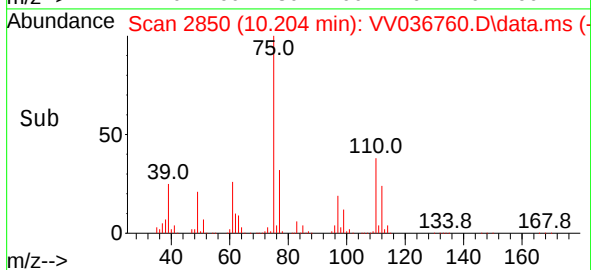
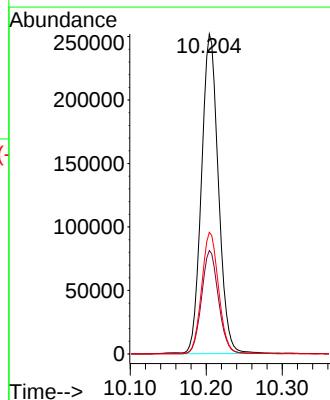
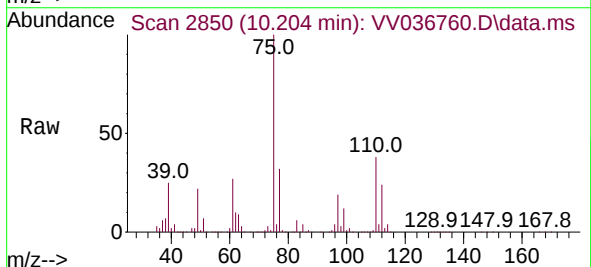
Instrument :
MSVOA_V
ClientSampleId :

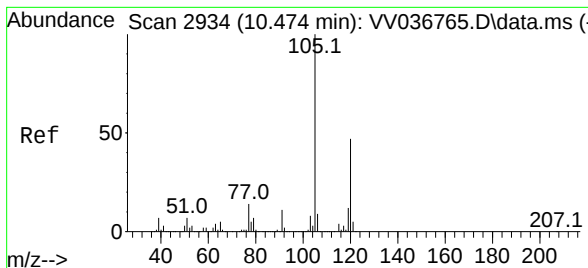
Tgt Ion:105 Resp: 1614125
Ion Ratio Lower Upper
105 100
120 25.7 20.3 30.5
77 16.1 13.1 19.7



#61
1,2,3-Trichloropropane
Concen: 103.436 ug/L
RT: 10.204 min Scan# 2850
Delta R.T. 0.000 min
Lab File: VV036760.D
Acq: 02 Aug 2024 10:40

Tgt Ion: 75 Resp: 389472
Ion Ratio Lower Upper
75 100
77 32.0 26.2 39.2
110 38.2 31.3 46.9





#62

1,3,5-Trimethylbenzene

Concen: 104.901 ug/L

RT: 10.471 min Scan# 2934

Delta R.T. -0.003 min

Lab File: VV036760.D

Acq: 02 Aug 2024 10:40

Instrument :

MSVOA_V

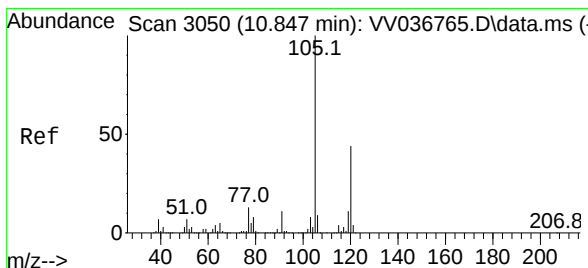
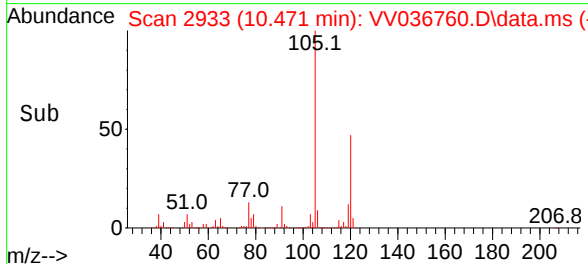
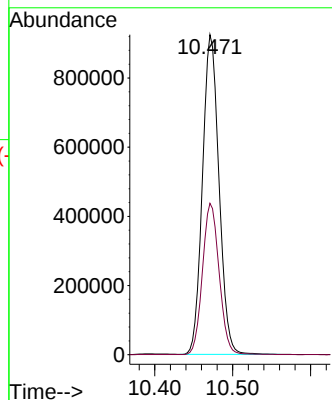
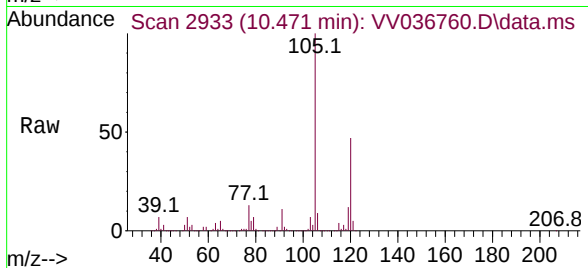
ClientSampleId :

Tgt Ion:105 Resp: 1361443

Ion Ratio Lower Upper

105 100

120 47.8 37.7 56.5



#63

1,2,4-Trimethylbenzene

Concen: 105.853 ug/L

RT: 10.847 min Scan# 3050

Delta R.T. 0.000 min

Lab File: VV036760.D

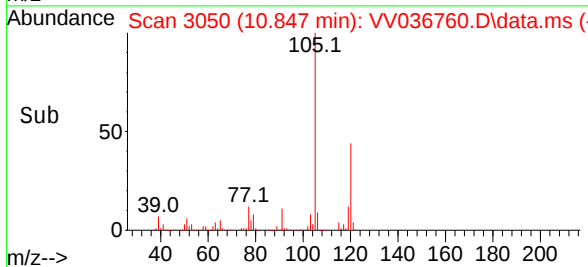
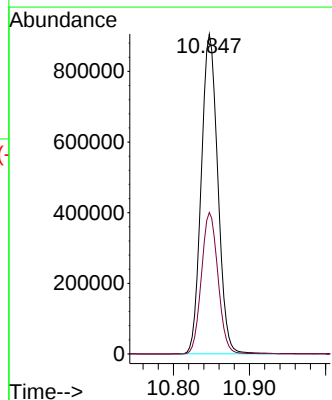
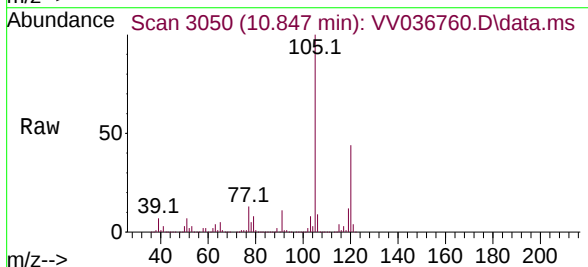
Acq: 02 Aug 2024 10:40

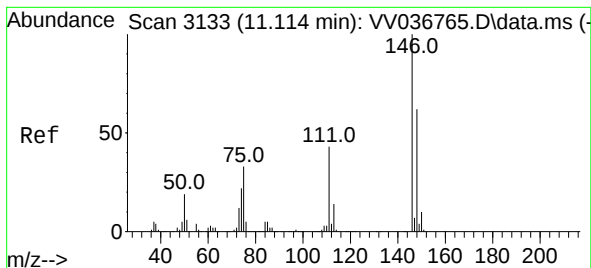
Tgt Ion:105 Resp: 1365692

Ion Ratio Lower Upper

105 100

120 44.3 35.6 53.4





#64

1,3-Dichlorobenzene

Concen: 102.511 ug/L

RT: 11.114 min Scan# 3133

Delta R.T. 0.000 min

Lab File: VV036760.D

Acq: 02 Aug 2024 10:40

Instrument :

MSVOA_V

ClientSampleId :

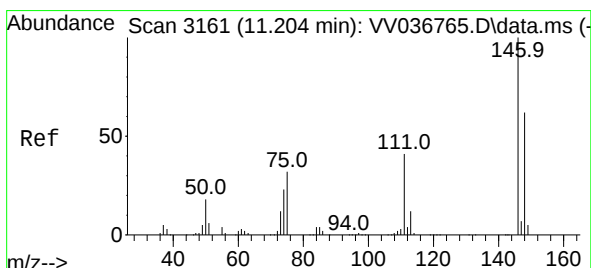
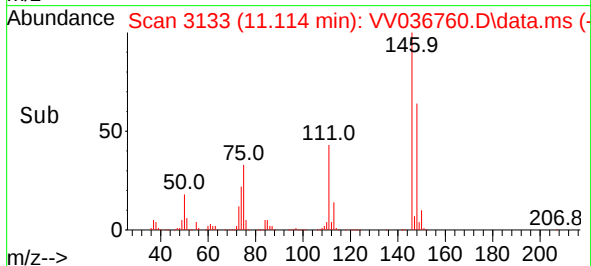
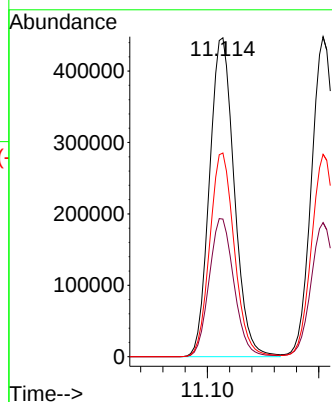
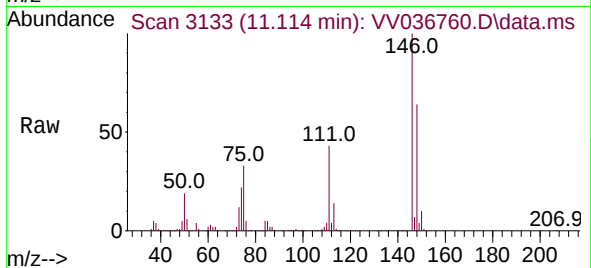
Tgt Ion:146 Resp: 690086

Ion Ratio Lower Upper

146 100

111 43.1 29.8 55.4

148 63.9 43.4 80.6



#65

1,4-Dichlorobenzene

Concen: 101.982 ug/L

RT: 11.204 min Scan# 3161

Delta R.T. 0.000 min

Lab File: VV036760.D

Acq: 02 Aug 2024 10:40

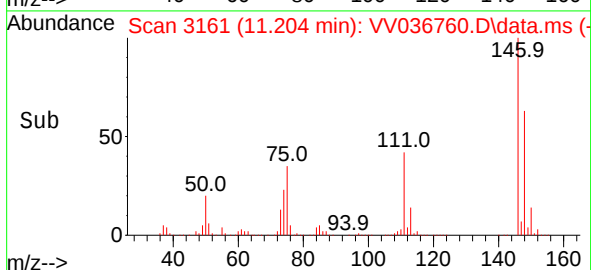
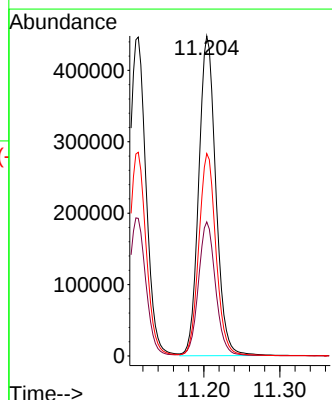
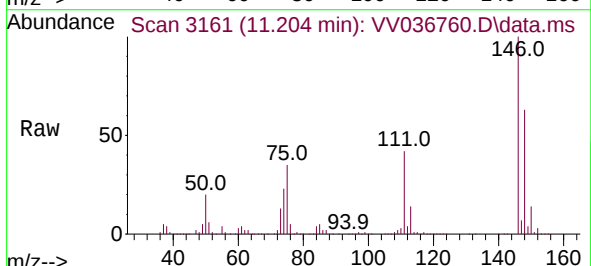
Tgt Ion:146 Resp: 699798

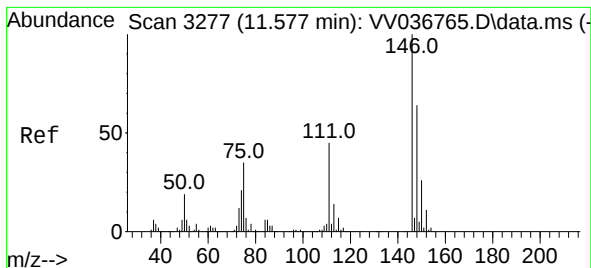
Ion Ratio Lower Upper

146 100

111 41.9 29.0 53.9

148 63.3 43.8 81.4





#67

1,2-Dichlorobenzene

Concen: 102.492 ug/L

RT: 11.574 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV036760.D

Acq: 02 Aug 2024 10:40

Instrument :

MSVOA_V

ClientSampleId :

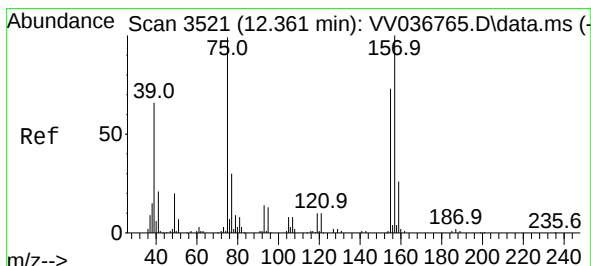
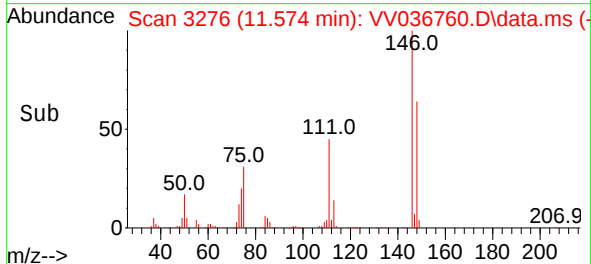
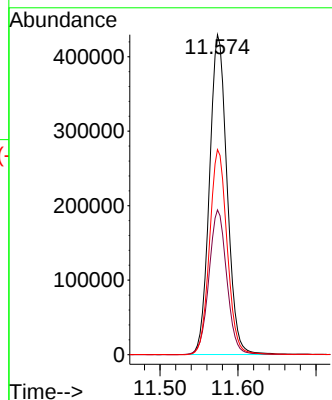
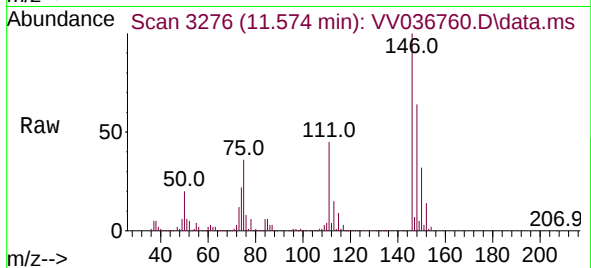
Tgt Ion:146 Resp: 673319

Ion Ratio Lower Upper

146 100

111 45.3 35.7 53.5

148 64.1 51.2 76.8



#68

1,2-Dibromo-3-chloropropane

Concen: 106.670 ug/L

RT: 12.358 min Scan# 3520

Delta R.T. -0.003 min

Lab File: VV036760.D

Acq: 02 Aug 2024 10:40

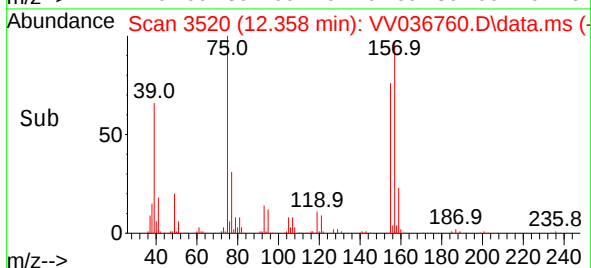
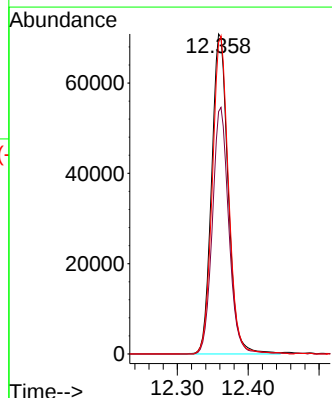
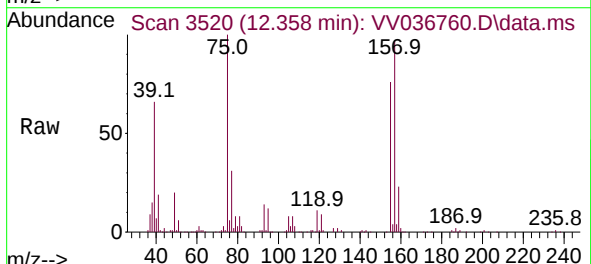
Tgt Ion: 75 Resp: 114926

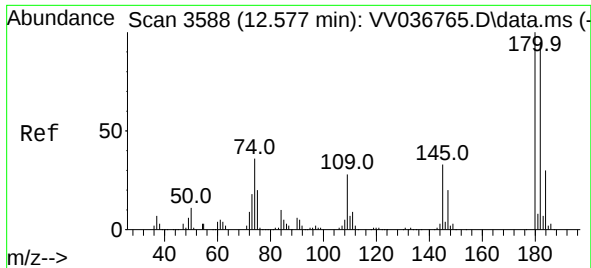
Ion Ratio Lower Upper

75 100

155 75.7 59.5 89.3

157 97.3 81.0 121.4





#69

1,3,5-Trichlorobenzene

Concen: 104.251 ug/L

RT: 12.577 min Scan# 3588

Delta R.T. 0.000 min

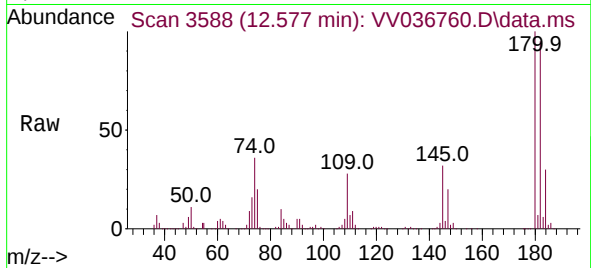
Lab File: VV036760.D

Acq: 02 Aug 2024 10:40

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 490118

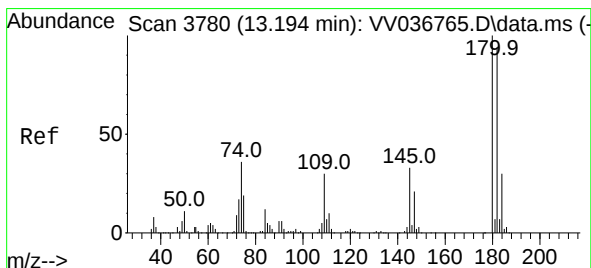
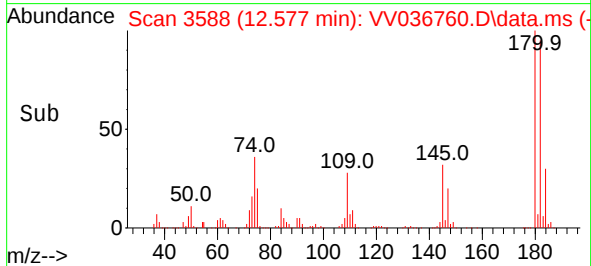
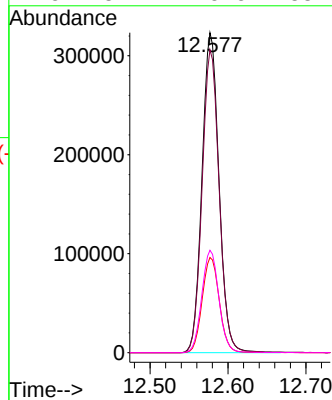
Ion Ratio Lower Upper

180 100

182 94.8 75.0 112.6

184 30.0 23.7 35.5

145 32.2 25.5 38.3



#70

1,2,4-trichlorobenzene

Concen: 103.520 ug/L

RT: 13.194 min Scan# 3780

Delta R.T. 0.000 min

Lab File: VV036760.D

Acq: 02 Aug 2024 10:40

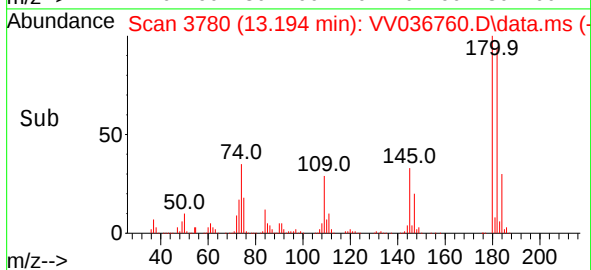
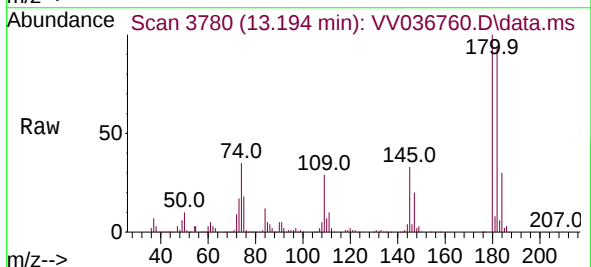
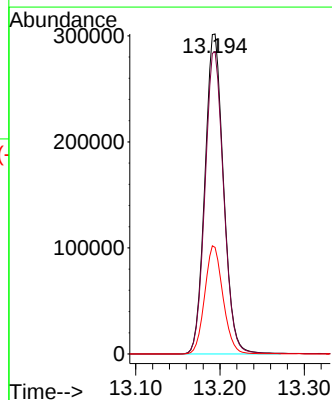
Tgt Ion:180 Resp: 464813

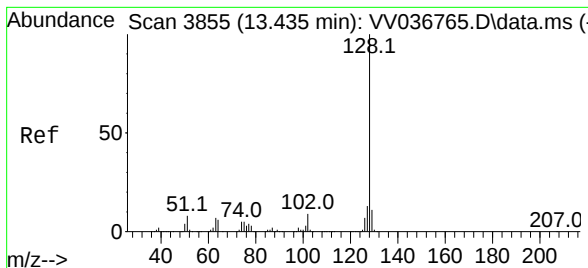
Ion Ratio Lower Upper

180 100

182 95.0 75.1 112.7

145 33.2 26.5 39.7





#71

Naphthalene

Concen: 103.564 ug/L

RT: 13.432 min Scan# 3854

Delta R.T. -0.003 min

Lab File: VV036760.D

Acq: 02 Aug 2024 10:40

Instrument :

MSVOA_V

ClientSampleId :

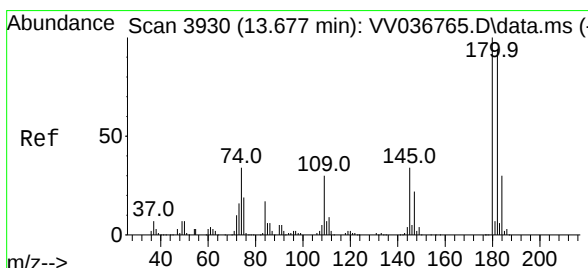
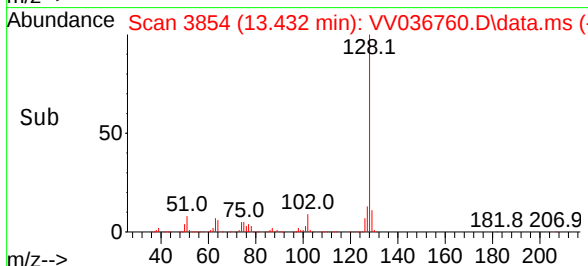
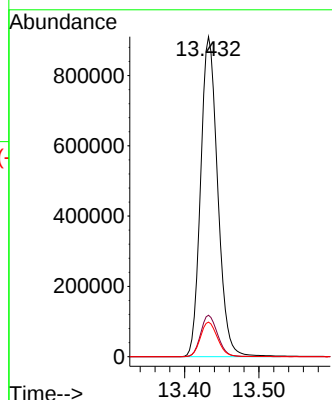
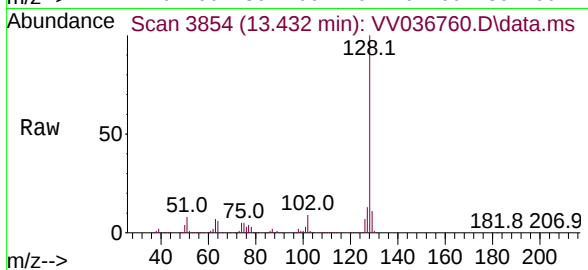
Tgt Ion:128 Resp: 1455340

Ion Ratio Lower Upper

128 100

127 12.9 10.5 15.7

129 10.9 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 104.242 ug/L

RT: 13.673 min Scan# 3929

Delta R.T. -0.003 min

Lab File: VV036760.D

Acq: 02 Aug 2024 10:40

Tgt Ion:180 Resp: 455025

Ion Ratio Lower Upper

180 100

182 95.6 76.2 114.2

145 34.7 27.8 41.6

