

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040224\
 Data File : VV034922.D
 Acq On : 02 Apr 2024 09:45
 Operator : SY/MD
 Sample : VSTD00548
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 03 04:47:33 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040224WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Apr 03 04:45:52 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	183558	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	182486	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	92574	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	81387	5.380	ug/L	0.00
7) Chloroethane-d5	1.532	69	65860	5.280	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.056	65	35619	5.184	ug/L	0.00
20) 2-Butanone-d5	3.838	46	98165	41.465	ug/L	0.00
24) Chloroform-d	4.252	84	128245	5.239	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.947	65	57632	5.214	ug/L	0.00
32) Benzene-d6	4.960	84	254978	5.341	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.989	67	75334	5.377	ug/L	0.00
41) Toluene-d8	7.243	98	234767	5.414	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.558	79	26692	5.363	ug/L	0.00
46) 2-Hexanone-d5	8.030	63	91931	53.818	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.152	84	52622	5.383	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.561	152	73885	5.067	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.105	85	71865	5.087	ug/L	100
3) Chloromethane	1.214	50	89763	5.239	ug/L	100
5) Vinyl chloride	1.281	62	95308	5.201	ug/L	100
6) Bromomethane	1.487	94	52737	5.041	ug/L	100
8) Chloroethane	1.548	64	60985	5.177	ug/L	100
9) Trichlorofluoromethane	1.712	101	126296	5.185	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	76510	5.127	ug/L	100
12) 1,1-Dichloroethene	2.069	96	71922	5.161	ug/L	100
13) Acetone	2.159	43	74759	43.298	ug/L	94
14) Carbon disulfide	2.240	76	210996	5.082	ug/L	100
15) Methyl Acetate	2.394	43	25227	5.293	ug/L	100
16) Methylene chloride	2.449	84	75736	4.954	ug/L	100
17) Methyl tert-butyl Ether	2.706	73	154359	5.144	ug/L	100
18) trans-1,2-Dichloroethene	2.693	96	70897	5.132	ug/L	100
19) 1,1-Dichloroethane	3.111	63	140983	5.173	ug/L	100
21) 2-Butanone	3.912	43	107267	38.473	ug/L	86
22) cis-1,2-Dichloroethene	3.818	96	74648	5.160	ug/L	100
23) Bromochloromethane	4.149	128	31375	5.165	ug/L	100
25) Chloroform	4.278	83	140069	5.175	ug/L	100
27) 1,2-Dichloroethane	5.047	62	78794	5.173	ug/L	100
29) 1,1,1-Trichloroethane	4.513	97	113248	5.063	ug/L	100
30) Cyclohexane	4.580	56	106362	5.163	ug/L	100
31) Carbon tetrachloride	4.735	117	99337	5.190	ug/L	100
33) Benzene	5.011	78	295881	5.296	ug/L	100
34) Trichloroethene	5.834	95	73966	5.082	ug/L	100
35) Methylcyclohexane	6.047	83	112362	5.068	ug/L	100
37) 1,2-Dichloropropane	6.095	63	73272	5.058	ug/L	100
38) Bromodichloromethane	6.432	83	95249	5.212	ug/L	100
39) cis-1,3-Dichloropropene	6.956	75	102686	5.277	ug/L	100
40) 4-Methyl-2-pentanone	7.159	43	349440	56.409	ug/L	100
42) Toluene	7.317	91	313656	5.341	ug/L	100
44) trans-1,3-Dichloropropene	7.583	75	84968	5.268	ug/L	100

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

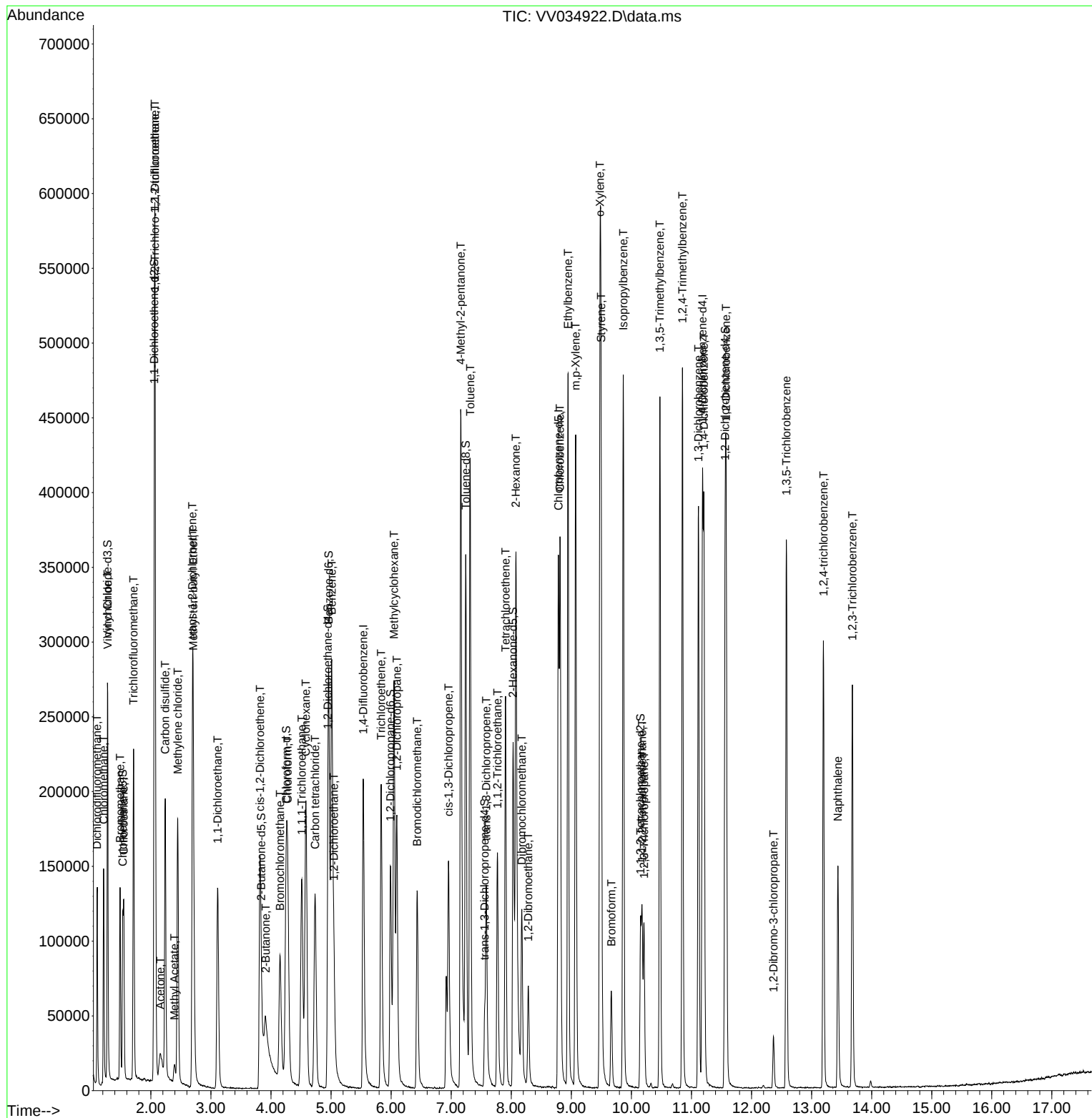
45) 1,1,2-Trichloroethane	7.770	97	50207	5.275	ug/L	100
47) Tetrachloroethene	7.905	164	56416	5.159	ug/L	100
48) 2-Hexanone	8.079	43	263783	54.562	ug/L	100
49) Dibromochloromethane	8.175	129	58287	5.203	ug/L	100
50) 1,2-Dibromoethane	8.284	107	47342	5.283	ug/L	100
51) Chlorobenzene	8.812	112	195957	5.165	ug/L	100
52) Ethylbenzene	8.947	91	332529	5.242	ug/L	100
53) m,p-Xylene	9.072	106	121690	5.225	ug/L	100
54) o-Xylene	9.477	106	122298	5.351	ug/L	100
55) Styrene	9.497	104	201806	5.492	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.178	83	59508	5.231	ug/L	100
59) Bromoform	9.667	173	30034	5.219	ug/L	100
60) Isopropylbenzene	9.866	105	303724	5.249	ug/L	100
61) 1,2,3-Trichloropropane	10.210	75	44512	5.151	ug/L	100
62) 1,3,5-Trimethylbenzene	10.474	105	243323	5.119	ug/L	100
63) 1,2,4-Trimethylbenzene	10.850	105	253946	5.266	ug/L	100
64) 1,3-Dichlorobenzene	11.117	146	153370	5.194	ug/L	100
65) 1,4-Dichlorobenzene	11.207	146	148844	5.033	ug/L	100
67) 1,2-Dichlorobenzene	11.577	146	139434	5.111	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.365	75	9096	5.120	ug/L	100
69) 1,3,5-Trichlorobenzene	12.580	180	110409	4.980	ug/L	100
70) 1,2,4-trichlorobenzene	13.197	180	87418	5.076	ug/L	100
71) Naphthalene	13.438	128	117618	4.859	ug/L	100
72) 1,2,3-Trichlorobenzene	13.680	180	78297	5.169	ug/L	100

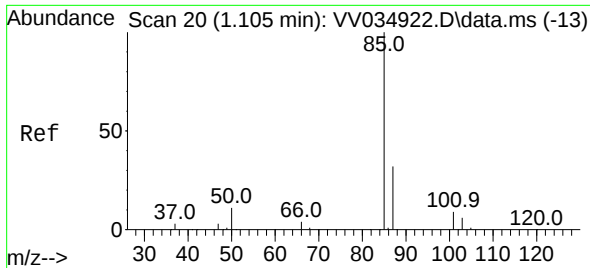
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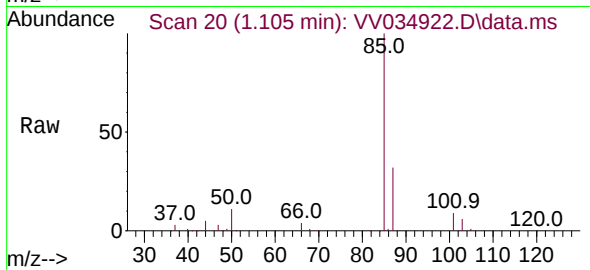
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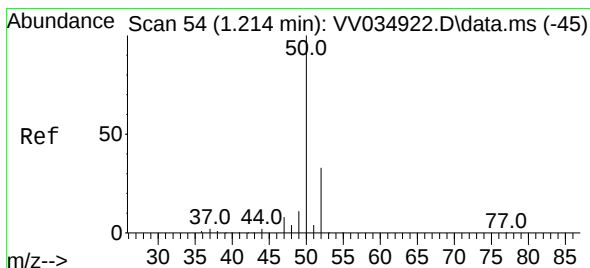
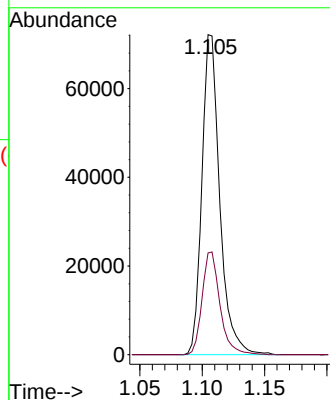
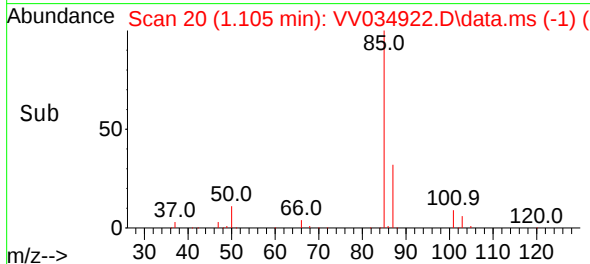


#2
 Dichlorodifluoromethane
 Concen: 5.087 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VV034922.D
 Acq: 02 Apr 2024 09:45

Instrument :
 MSVOA_V
 ClientSampleId :

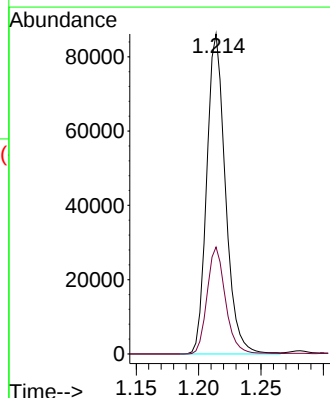
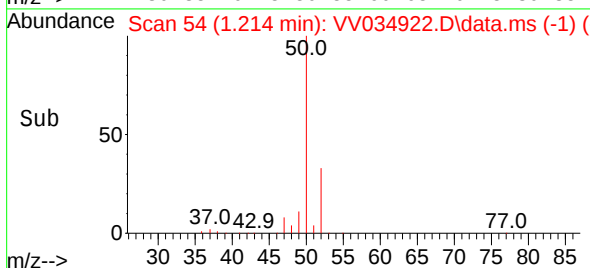
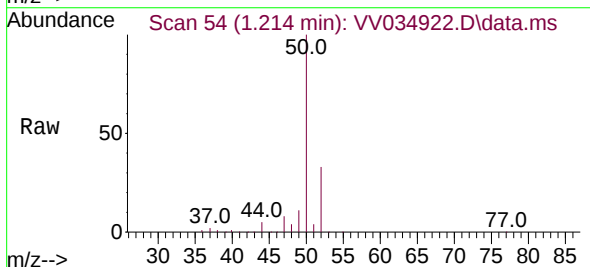


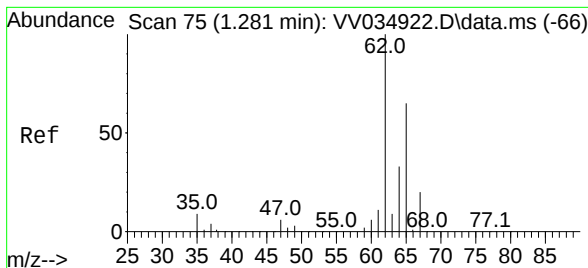
Tgt Ion: 85 Resp: 71865
 Ion Ratio Lower Upper
 85 100
 87 32.1 25.7 38.5



#3
 Chloromethane
 Concen: 5.239 ug/L
 RT: 1.214 min Scan# 54
 Delta R.T. 0.000 min
 Lab File: VV034922.D
 Acq: 02 Apr 2024 09:45

Tgt Ion: 50 Resp: 89763
 Ion Ratio Lower Upper
 50 100
 52 33.4 23.4 43.4





#5

Vinyl chloride

Concen: 5.201 ug/L

RT: 1.281 min Scan# 75

Delta R.T. 0.000 min

Lab File: VV034922.D

Acq: 02 Apr 2024 09:45

Instrument :

MSVOA_V

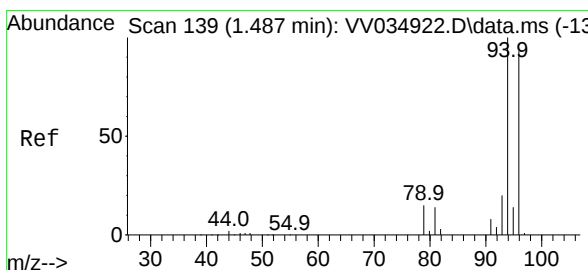
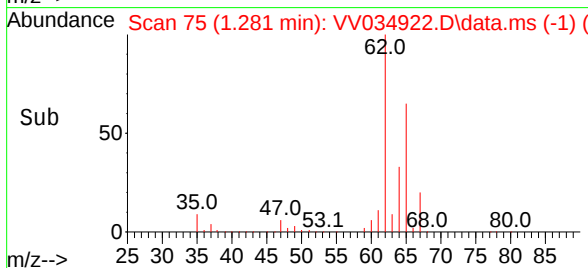
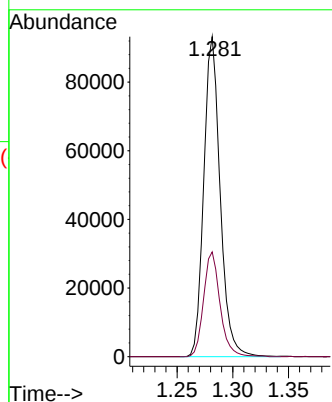
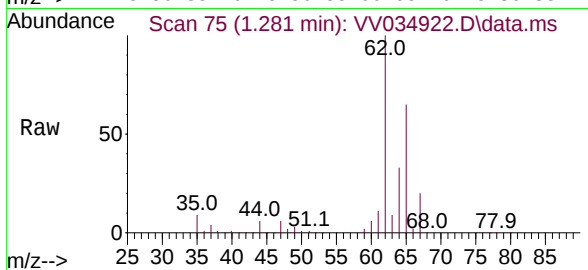
ClientSampleId :

Tgt Ion: 62 Resp: 95308

Ion Ratio Lower Upper

62 100

64 32.7 22.9 42.5



#6

Bromomethane

Concen: 5.041 ug/L

RT: 1.487 min Scan# 139

Delta R.T. 0.000 min

Lab File: VV034922.D

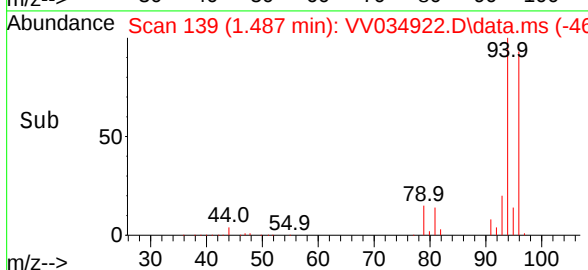
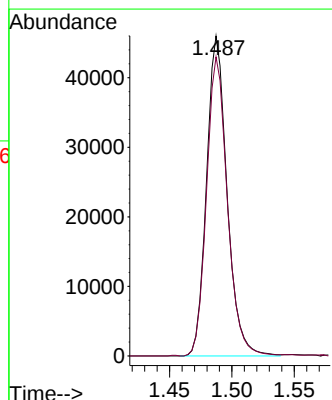
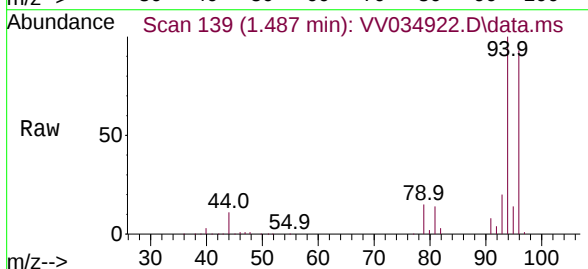
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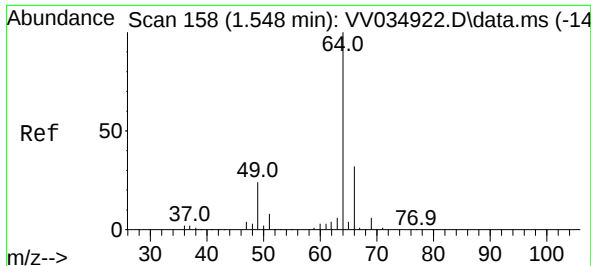
Tgt Ion: 94 Resp: 52737

Ion Ratio Lower Upper

94 100

96 93.4 65.4 121.4

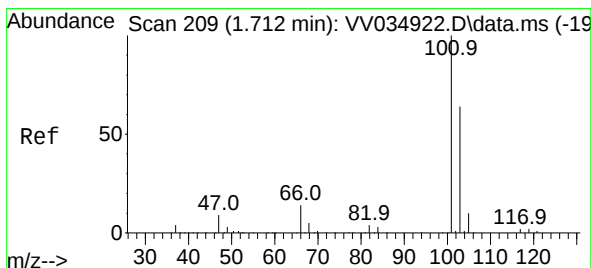
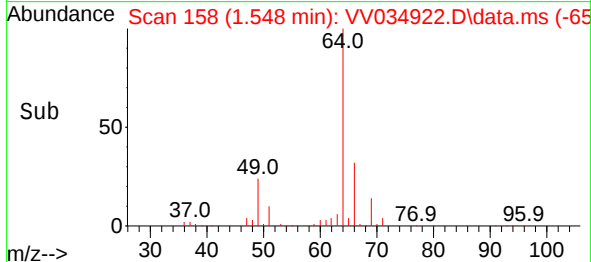
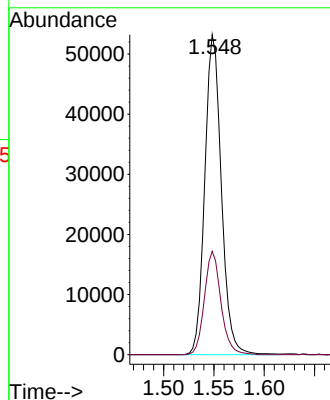
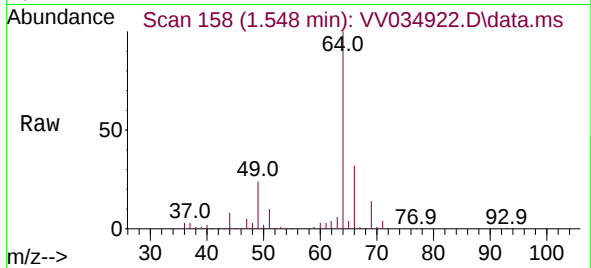




#8
Chloroethane
Concen: 5.177 ug/L
RT: 1.548 min Scan# 158
Delta R.T. 0.000 min
Lab File: VV034922.D
Acq: 02 Apr 2024 09:45

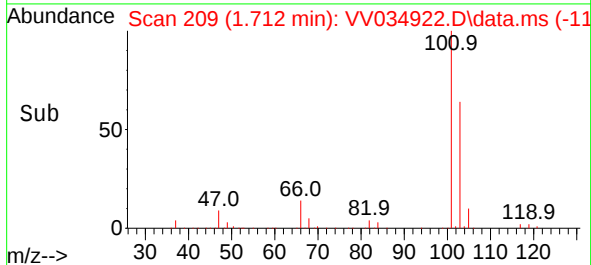
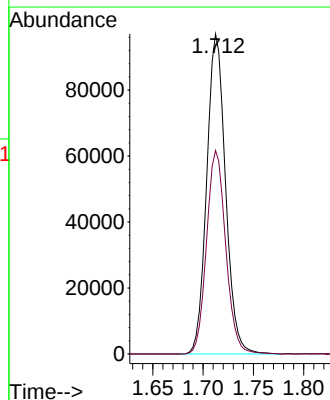
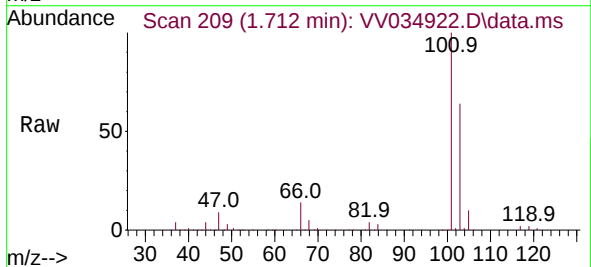
Instrument :
MSVOA_V
ClientSampleId :

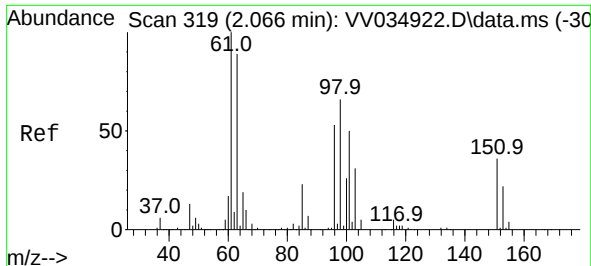
Tgt Ion: 64 Resp: 60985
Ion Ratio Lower Upper
64 100
66 32.3 22.6 42.0



#9
Trichlorofluoromethane
Concen: 5.185 ug/L
RT: 1.712 min Scan# 209
Delta R.T. 0.000 min
Lab File: VV034922.D
Acq: 02 Apr 2024 09:45

Tgt Ion:101 Resp: 126296
Ion Ratio Lower Upper
101 100
103 64.9 51.9 77.9





#10

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

Concen: 5.127 ug/L

RT: 2.066 min Scan# 319

Delta R.T. 0.000 min

Lab File: VV034922.D

Acq: 02 Apr 2024 09:45

Instrument :

MSVOA_V

ClientSampleId :

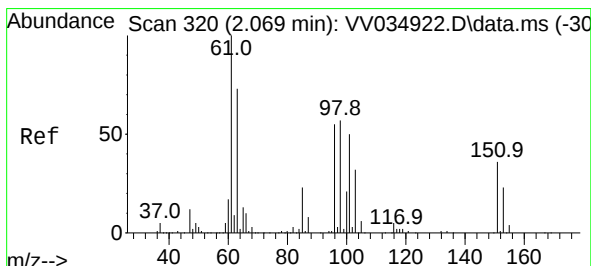
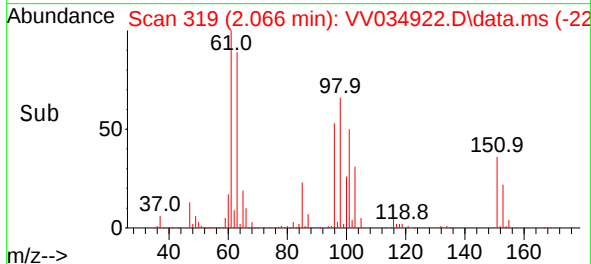
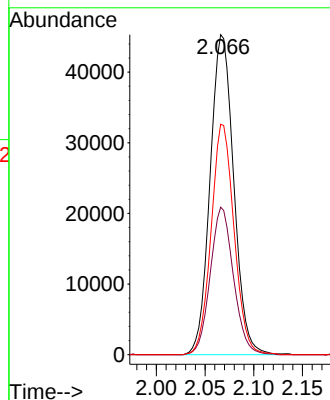
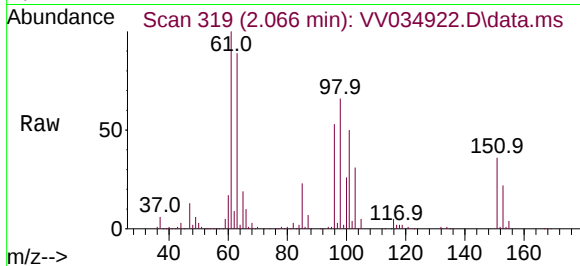
Tgt Ion:101 Resp: 76510

Ion Ratio Lower Upper

101 100

85 45.3 36.2 54.4

151 70.0 56.0 84.0



#12

1,1-Dichloroethene

Concen: 5.161 ug/L

RT: 2.069 min Scan# 320

Delta R.T. 0.000 min

Lab File: VV034922.D

Acq: 02 Apr 2024 09:45

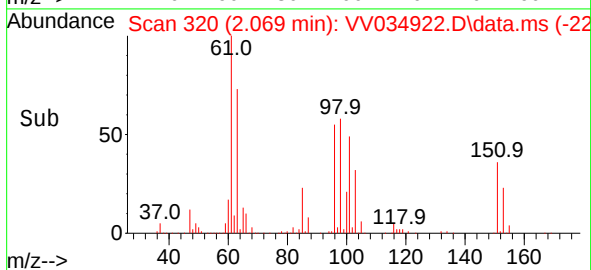
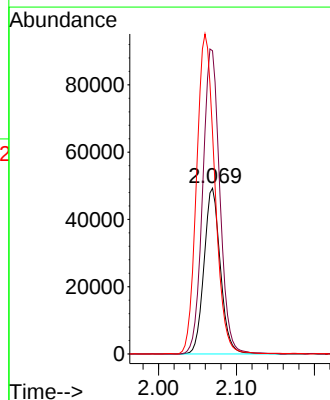
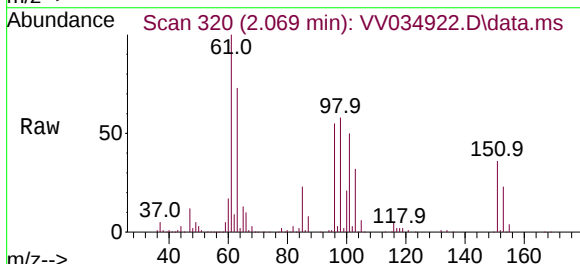
Tgt Ion: 96 Resp: 71922

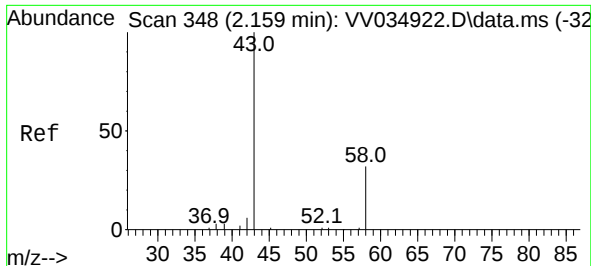
Ion Ratio Lower Upper

96 100

61 183.0 128.1 237.9

63 133.6 93.5 173.7





#13

Acetone

Concen: 43.298 ug/L

RT: 2.159 min Scan# 348

Delta R.T. 0.000 min

Lab File: VV034922.D

Acq: 02 Apr 2024 09:45

Instrument :

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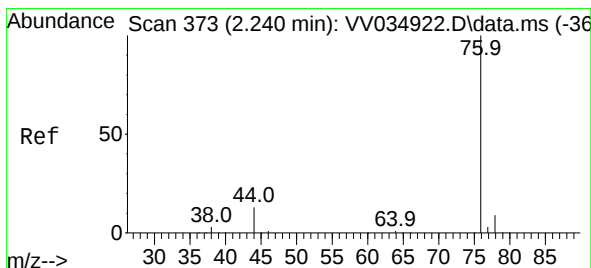
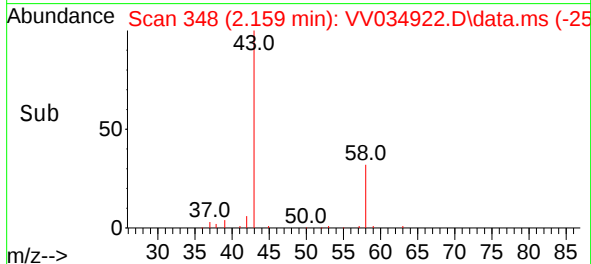
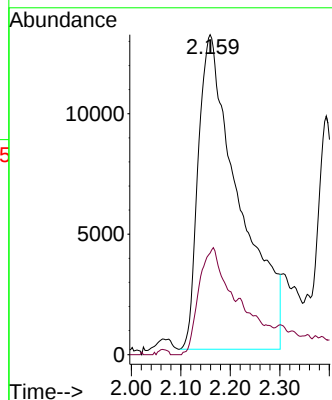
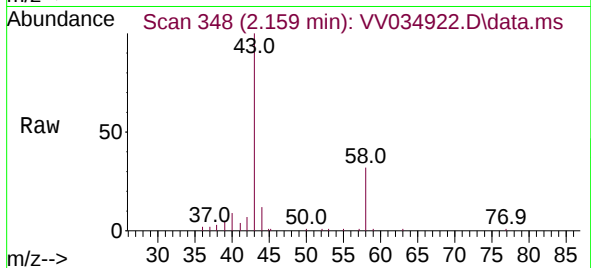
ClientSampleId :

Tgt Ion: 43 Resp: 74759

Ion Ratio Lower Upper

43 100

58 23.2 0.0 40.8



#14

Carbon disulfide

Concen: 5.082 ug/L

RT: 2.240 min Scan# 373

Delta R.T. 0.000 min

Lab File: VV034922.D

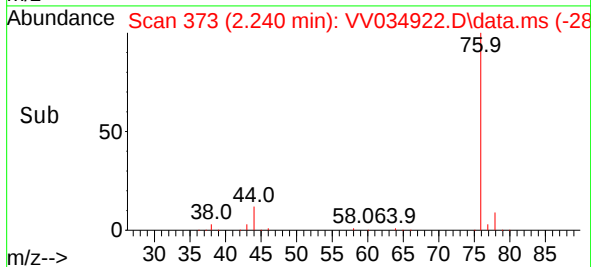
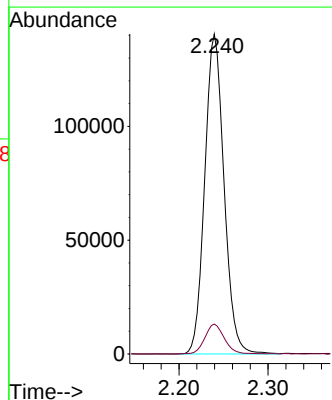
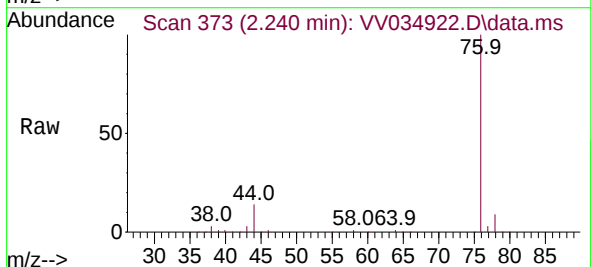
Acq: 02 Apr 2024 09:45

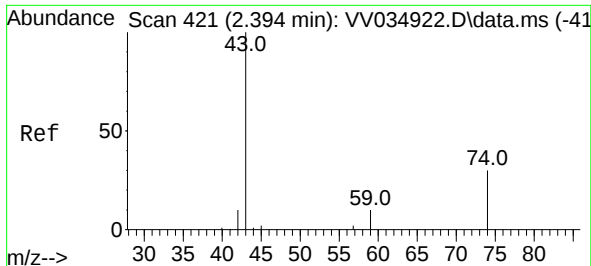
Tgt Ion: 76 Resp: 210996

Ion Ratio Lower Upper

76 100

78 9.3 7.4 11.2

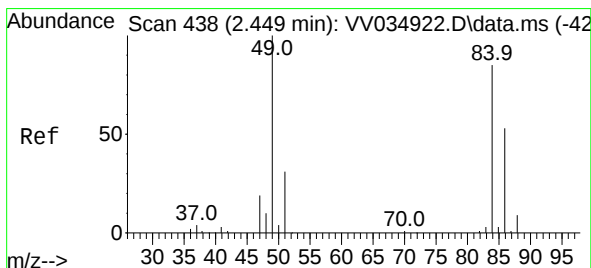
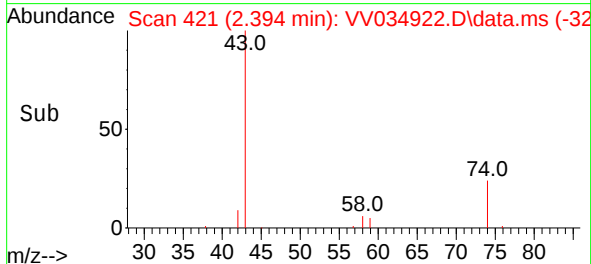
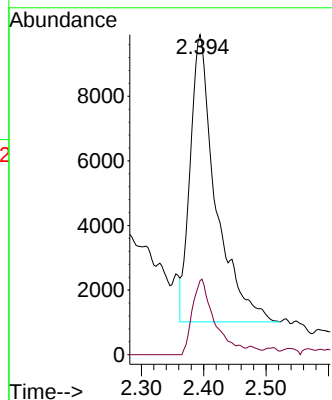
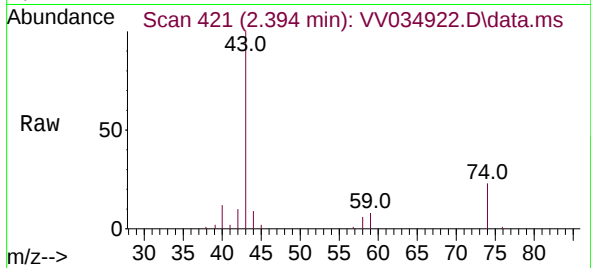




#15
Methyl Acetate
Concen: 5.293 ug/L
RT: 2.394 min Scan# 421
Delta R.T. 0.000 min
Lab File: VV034922.D
Acq: 02 Apr 2024 09:45

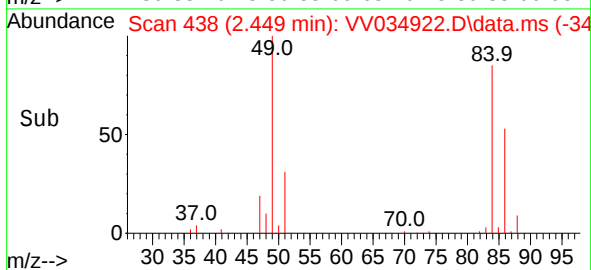
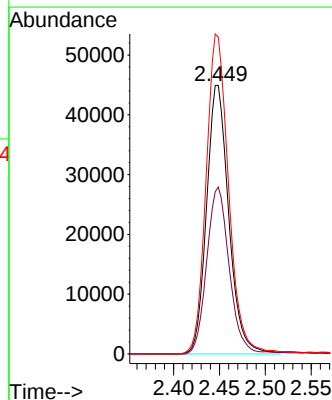
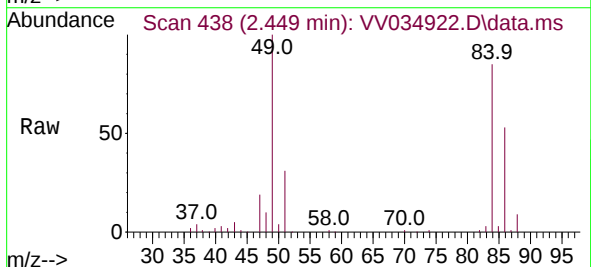
Instrument :
MSVOA_V
ClientSampleId :

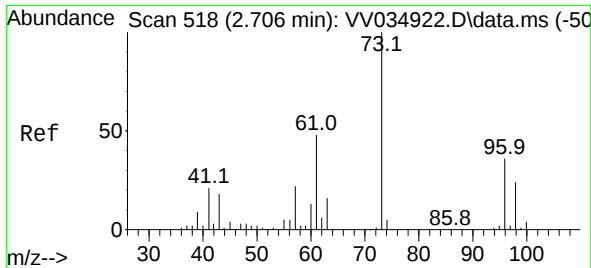
Tgt Ion: 43 Resp: 25227
Ion Ratio Lower Upper
43 100
74 23.1 18.5 27.7



#16
Methylene chloride
Concen: 4.954 ug/L
RT: 2.449 min Scan# 438
Delta R.T. 0.000 min
Lab File: VV034922.D
Acq: 02 Apr 2024 09:45

Tgt Ion: 84 Resp: 75736
Ion Ratio Lower Upper
84 100
86 62.2 43.5 80.9
49 117.9 82.5 153.3

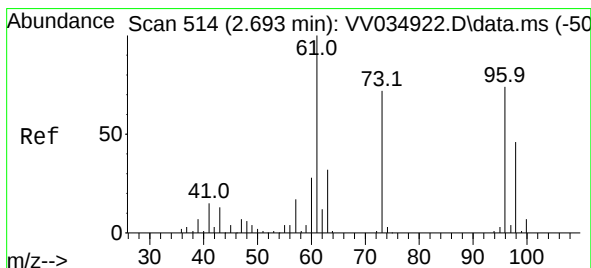
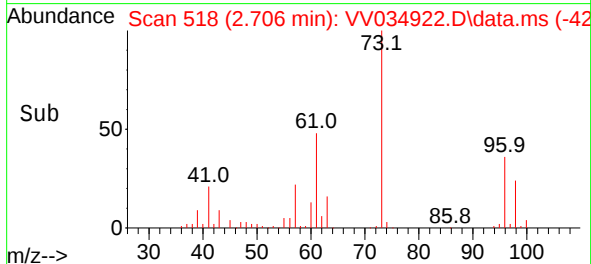
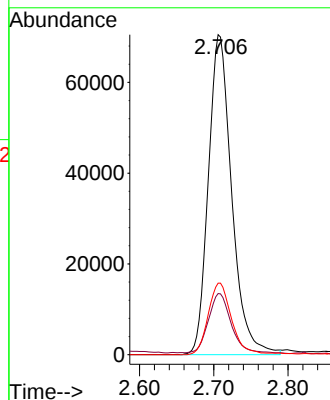
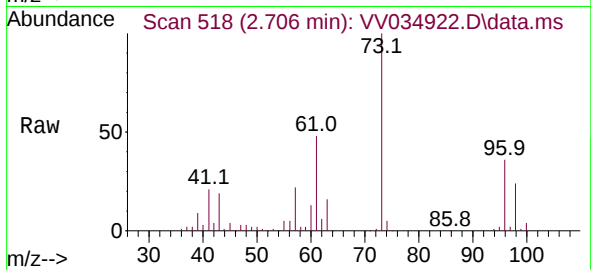




#17
Methyl tert-butyl Ether
Concen: 5.144 ug/L
RT: 2.706 min Scan# 518
Delta R.T. 0.000 min
Lab File: VV034922.D
Acq: 02 Apr 2024 09:45

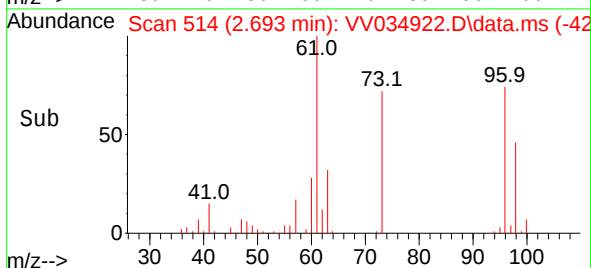
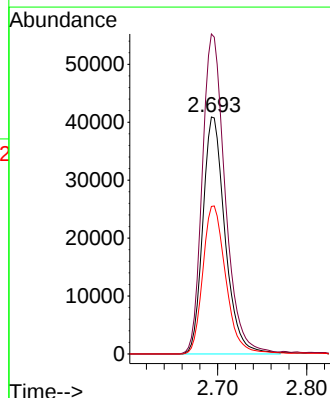
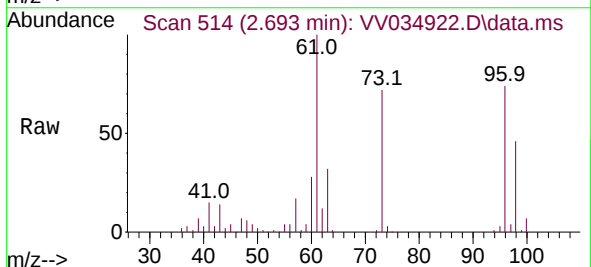
Instrument :
MSVOA_V
ClientSampleId :

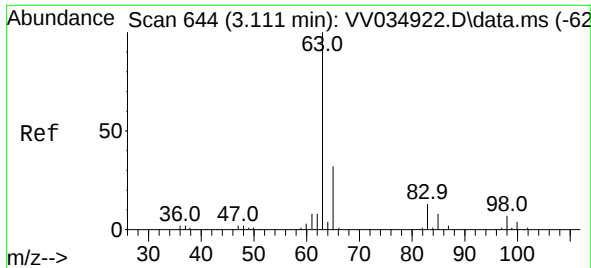
Tgt Ion: 73 Resp: 154359
Ion Ratio Lower Upper
73 100
43 18.5 14.8 22.2
57 22.6 18.1 27.1



#18
trans-1,2-Dichloroethene
Concen: 5.132 ug/L
RT: 2.693 min Scan# 514
Delta R.T. 0.000 min
Lab File: VV034922.D
Acq: 02 Apr 2024 09:45

Tgt Ion: 96 Resp: 70897
Ion Ratio Lower Upper
96 100
61 135.0 94.5 175.5
98 62.2 43.5 80.9

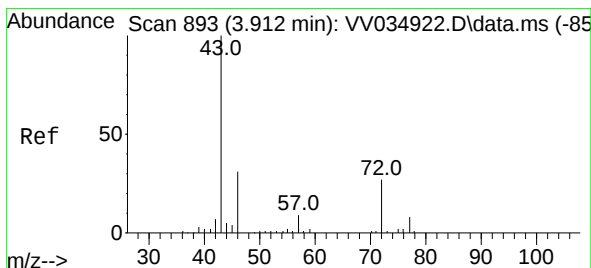
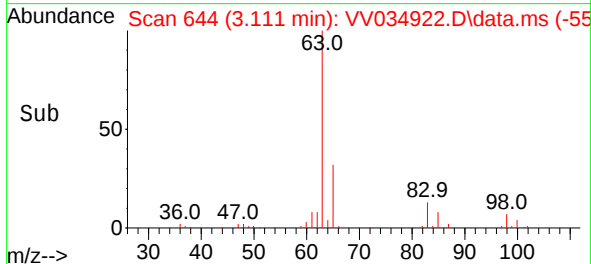
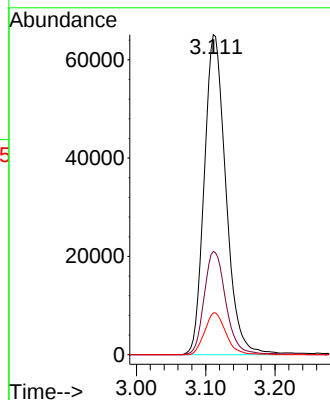
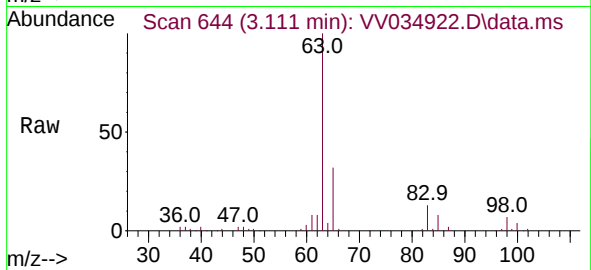




#19
1,1-Dichloroethane
Concen: 5.173 ug/L
RT: 3.111 min Scan# 644
Delta R.T. 0.000 min
Lab File: VV034922.D
Acq: 02 Apr 2024 09:45

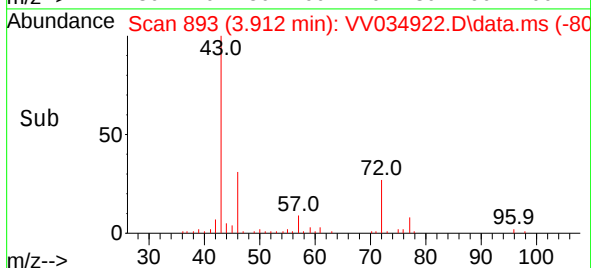
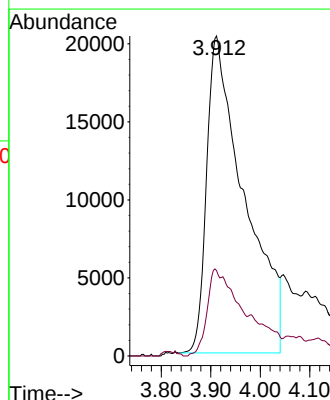
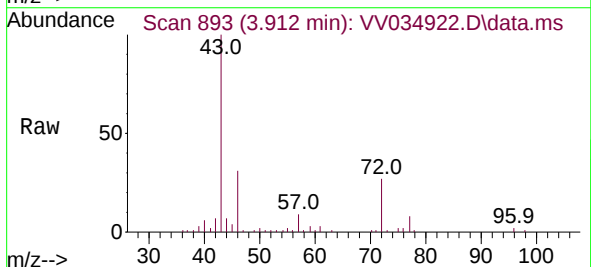
Instrument :
MSVOA_V
ClientSampleId :

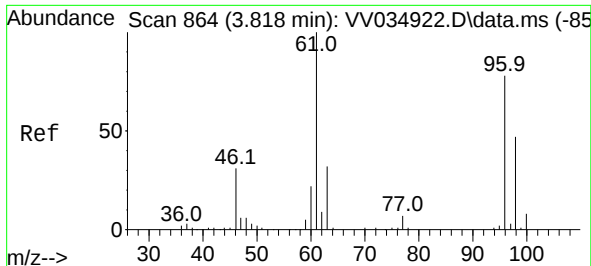
Tgt Ion: 63 Resp: 140983
Ion Ratio Lower Upper
63 100
65 32.2 22.5 41.9
83 13.0 9.1 16.9



#21
2-Butanone
Concen: 38.473 ug/L
RT: 3.912 min Scan# 893
Delta R.T. 0.000 min
Lab File: VV034922.D
Acq: 02 Apr 2024 09:45

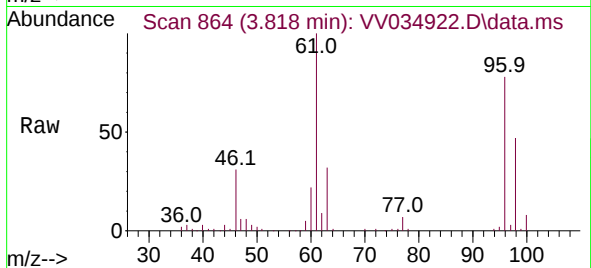
Tgt Ion: 43 Resp: 107267
Ion Ratio Lower Upper
43 100
72 20.7 7.5 22.5



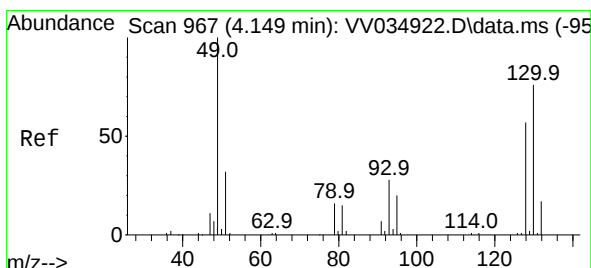
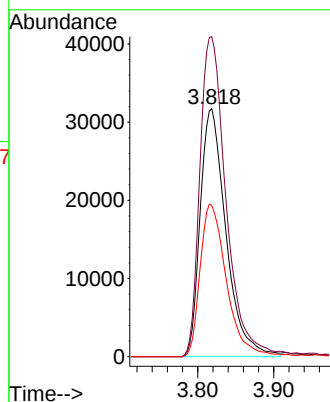
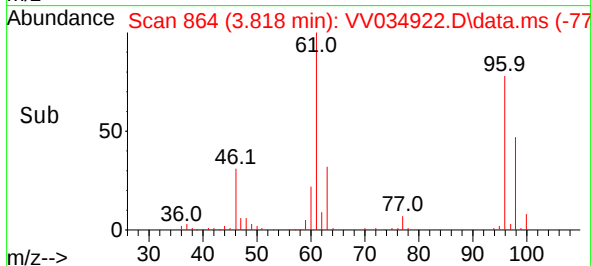


#22
 cis-1,2-Dichloroethene
 Concen: 5.160 ug/L
 RT: 3.818 min Scan# 864
 Delta R.T. 0.000 min
 Lab File: VV034922.D
 Acq: 02 Apr 2024 09:45

Instrument :
 MSVOA_V
 ClientSampleId :

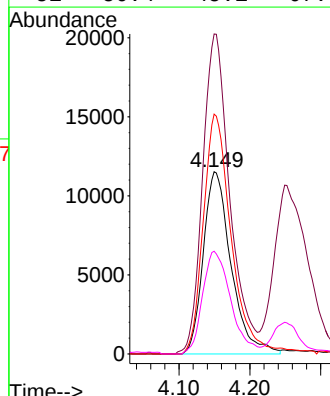
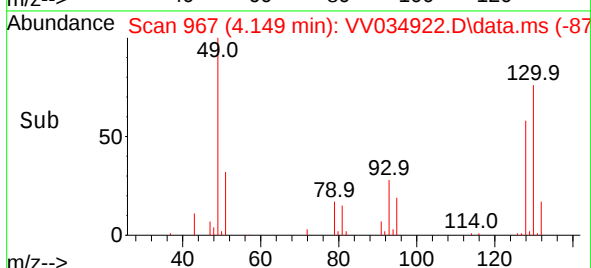
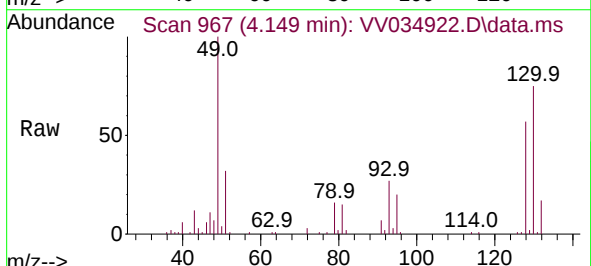


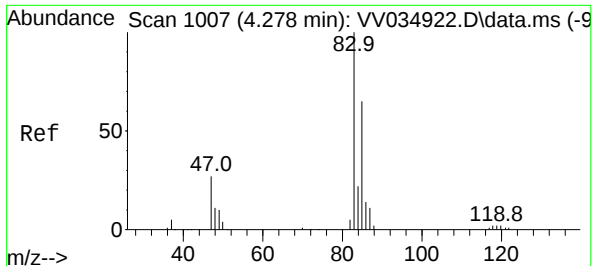
Tgt Ion: 96 Resp: 74648
 Ion Ratio Lower Upper
 96 100
 61 129.0 90.3 167.7
 98 61.0 42.7 79.3



#23
 Bromochloromethane
 Concen: 5.165 ug/L
 RT: 4.149 min Scan# 967
 Delta R.T. 0.000 min
 Lab File: VV034922.D
 Acq: 02 Apr 2024 09:45

Tgt Ion: 128 Resp: 31375
 Ion Ratio Lower Upper
 128 100
 49 175.6 122.9 228.3
 130 131.6 92.1 171.1
 51 56.4 45.1 67.7





#25

Chloroform

Concen: 5.175 ug/L

RT: 4.278 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV034922.D

Acq: 02 Apr 2024 09:45

Instrument :

MSVOA_V

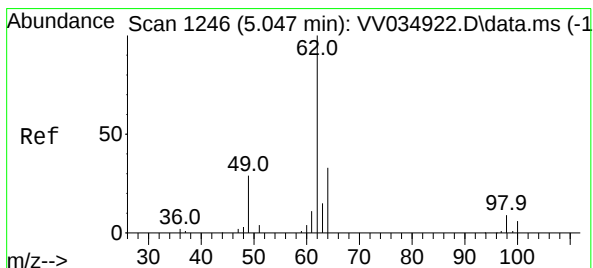
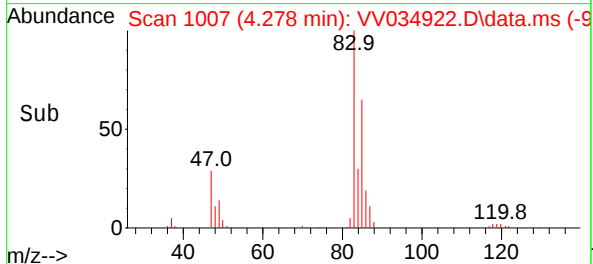
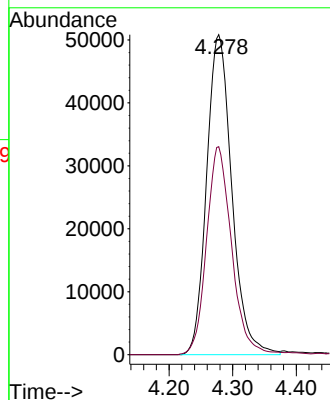
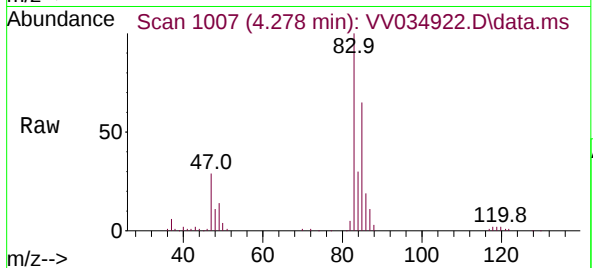
ClientSampleId :

Tgt Ion: 83 Resp: 140069

Ion Ratio Lower Upper

83 100

85 65.0 45.5 84.5



#27

1,2-Dichloroethane

Concen: 5.173 ug/L

RT: 5.047 min Scan# 1246

Delta R.T. 0.000 min

Lab File: VV034922.D

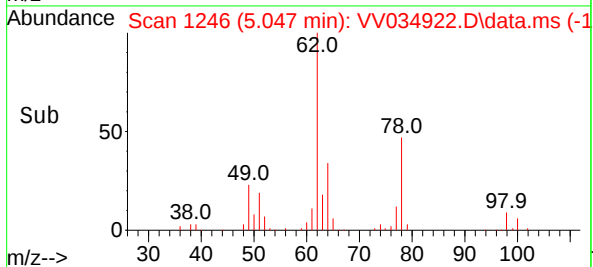
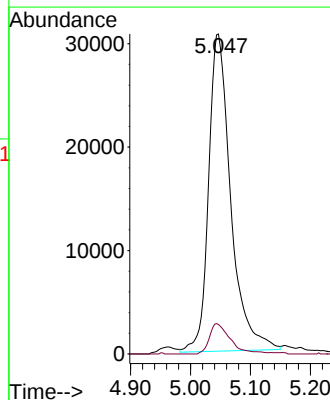
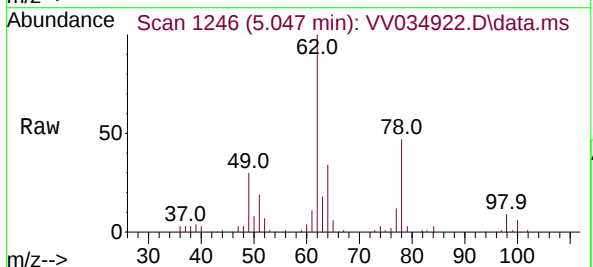
Acq: 02 Apr 2024 09:45

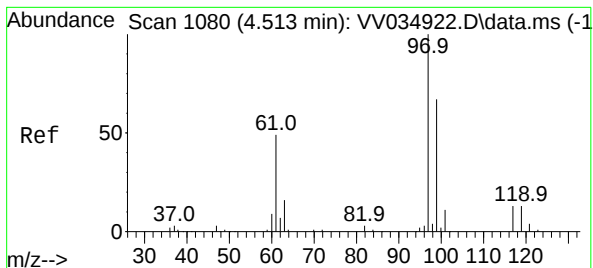
Tgt Ion: 62 Resp: 78794

Ion Ratio Lower Upper

62 100

98 9.2 7.4 11.0





#29

1,1,1-Trichloroethane

Concen: 5.063 ug/L

RT: 4.513 min Scan# 1108

Delta R.T. 0.000 min

Lab File: VV034922.D

Acq: 02 Apr 2024 09:45

Instrument :

MSVOA_V

ClientSampleId :

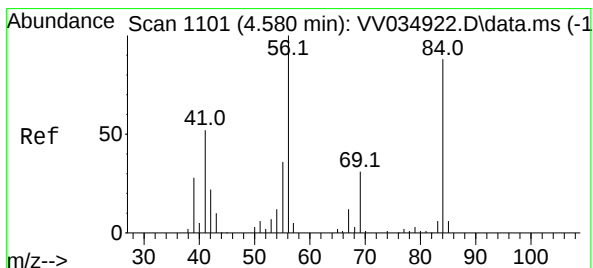
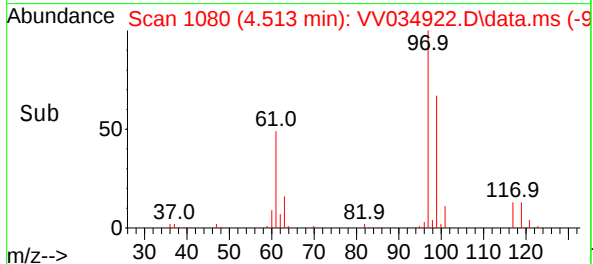
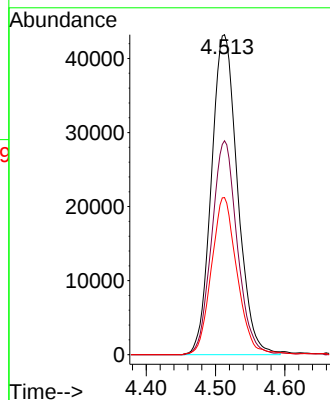
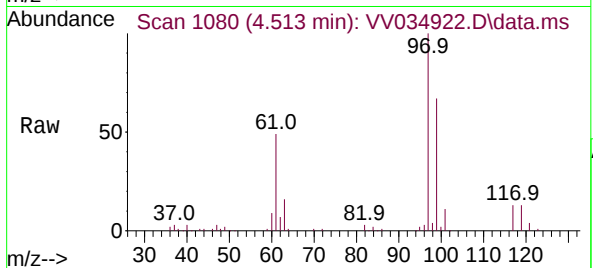
Tgt Ion: 97 Resp: 113248

Ion Ratio Lower Upper

97 100

99 65.1 52.1 78.1

61 48.4 38.7 58.1



#30

Cyclohexane

Concen: 5.163 ug/L

RT: 4.580 min Scan# 1101

Delta R.T. 0.000 min

Lab File: VV034922.D

Acq: 02 Apr 2024 09:45

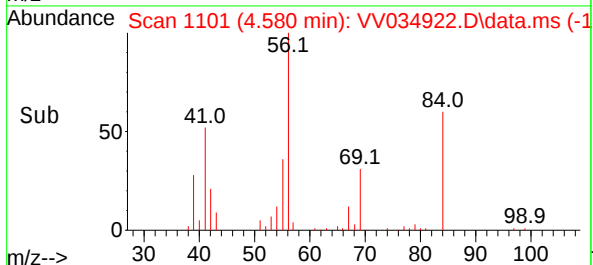
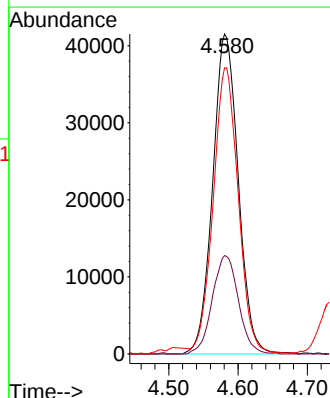
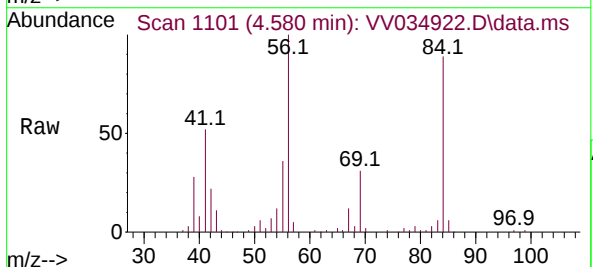
Tgt Ion: 56 Resp: 106362

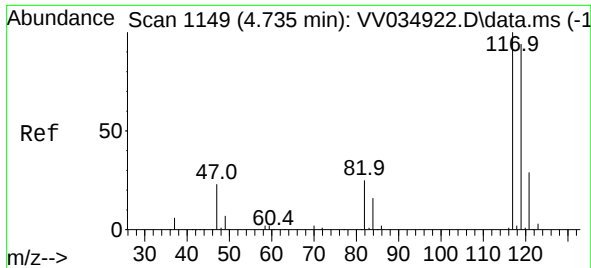
Ion Ratio Lower Upper

56 100

69 31.5 25.2 37.8

84 87.3 69.8 104.8

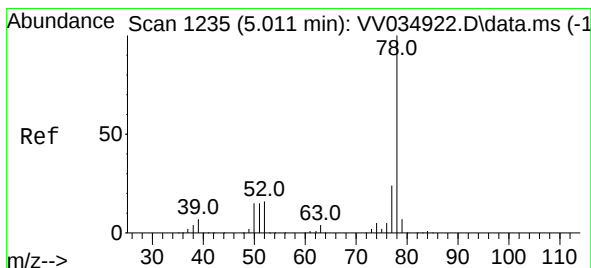
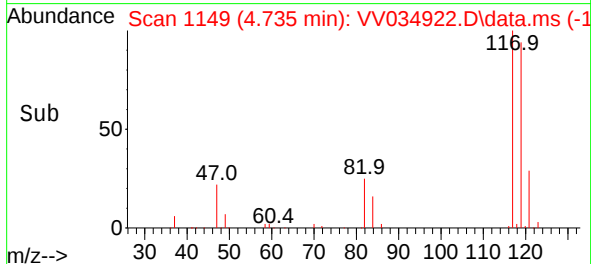
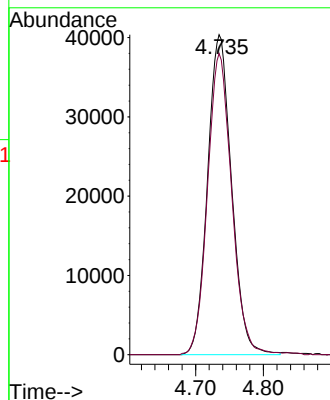
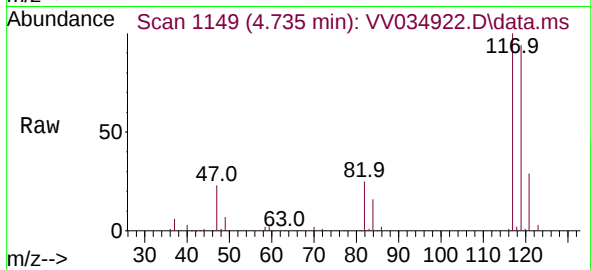




#31
Carbon tetrachloride
Concen: 5.190 ug/L
RT: 4.735 min Scan# 1149
Delta R.T. 0.000 min
Lab File: VV034922.D
Acq: 02 Apr 2024 09:45

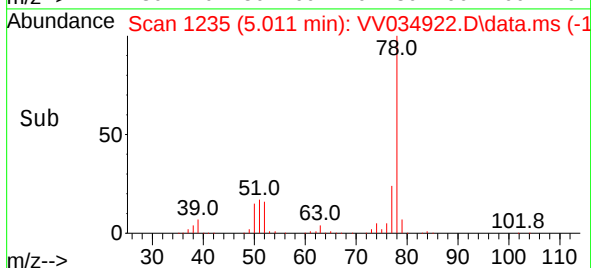
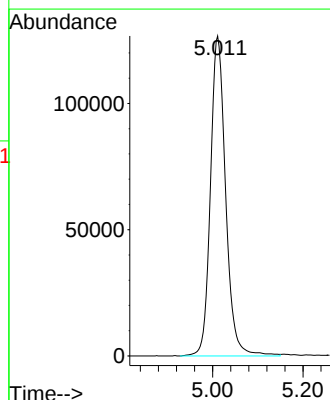
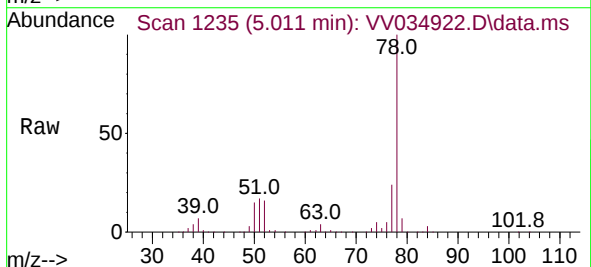
Instrument :
MSVOA_V
ClientSampleId :

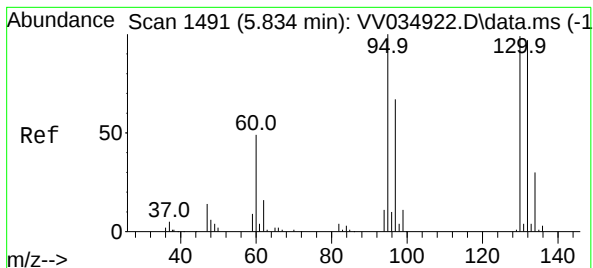
Tgt Ion:117 Resp: 99337
Ion Ratio Lower Upper
117 100
119 94.7 75.8 113.6



#33
Benzene
Concen: 5.296 ug/L
RT: 5.011 min Scan# 1235
Delta R.T. 0.000 min
Lab File: VV034922.D
Acq: 02 Apr 2024 09:45

Tgt Ion: 78 Resp: 295881





#34

Trichloroethene

Concen: 5.082 ug/L

RT: 5.834 min Scan# 1491

Delta R.T. 0.000 min

Lab File: VV034922.D

Acq: 02 Apr 2024 09:45

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 73966

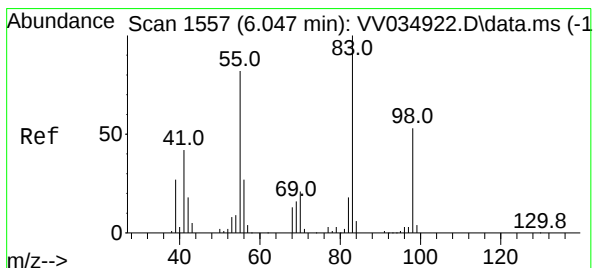
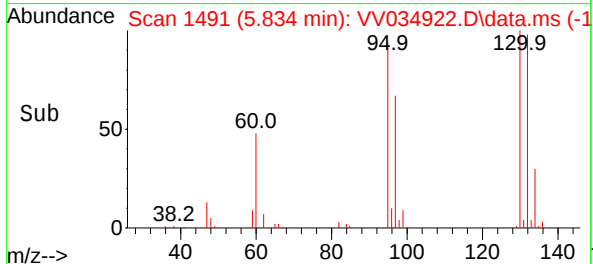
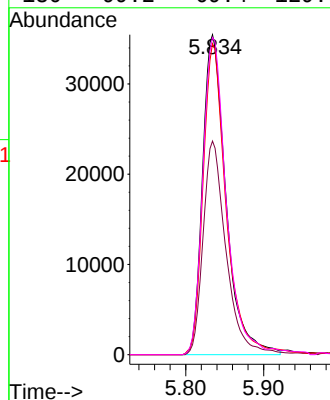
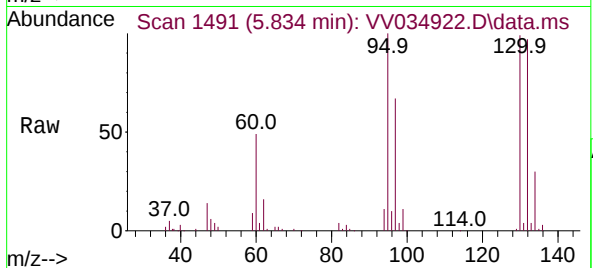
Ion Ratio Lower Upper

95 100

97 66.8 46.8 86.8

132 97.2 68.0 126.4

130 99.2 69.4 129.0



#35

Methylcyclohexane

Concen: 5.068 ug/L

RT: 6.047 min Scan# 1557

Delta R.T. 0.000 min

Lab File: VV034922.D

Acq: 02 Apr 2024 09:45

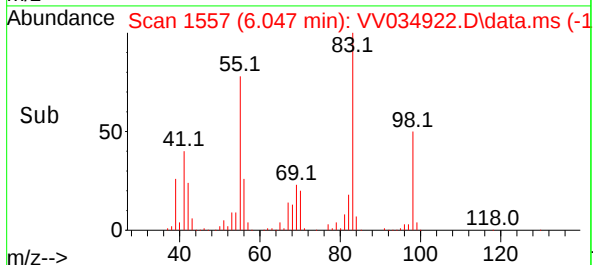
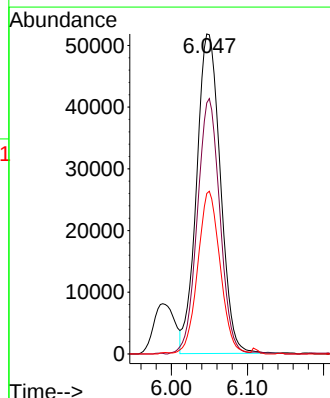
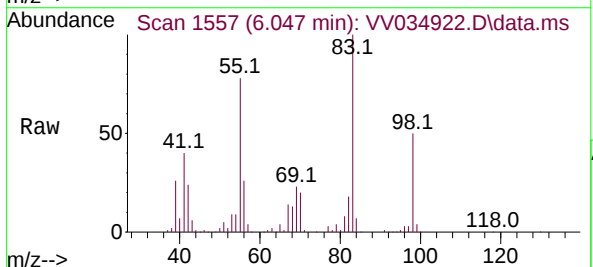
Tgt Ion: 83 Resp: 112362

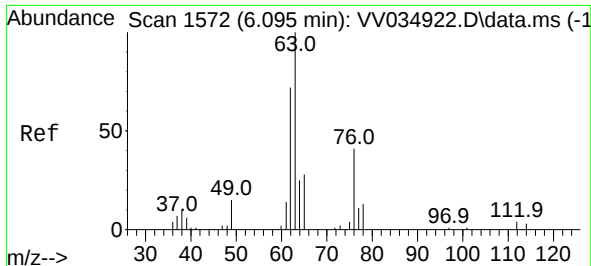
Ion Ratio Lower Upper

83 100

55 75.8 60.6 91.0

98 47.2 37.8 56.6





#37

1,2-Dichloropropane

Concen: 5.058 ug/L

RT: 6.095 min Scan# 1572

Delta R.T. 0.000 min

Lab File: VV034922.D

Acq: 02 Apr 2024 09:45

Instrument :

MSVOA_V

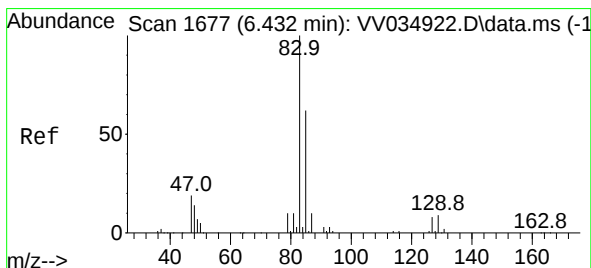
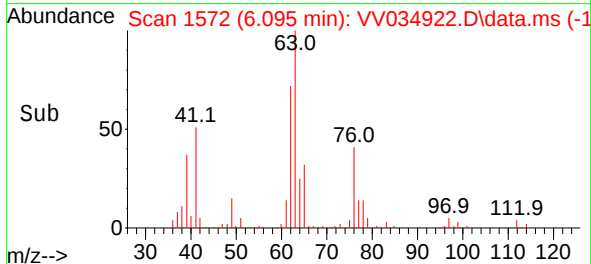
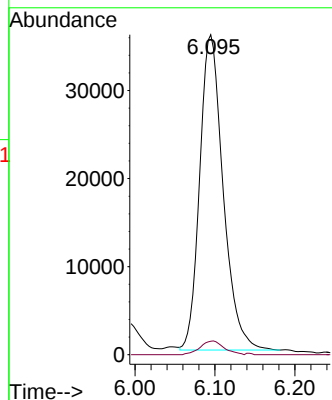
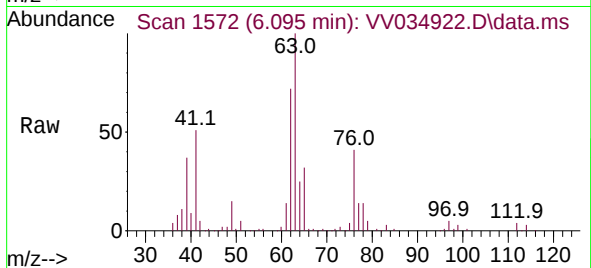
ClientSampleId :

Tgt Ion: 63 Resp: 73272

Ion Ratio Lower Upper

63 100

112 4.4 3.5 5.3



#38

Bromodichloromethane

Concen: 5.212 ug/L

RT: 6.432 min Scan# 1677

Delta R.T. 0.000 min

Lab File: VV034922.D

Acq: 02 Apr 2024 09:45

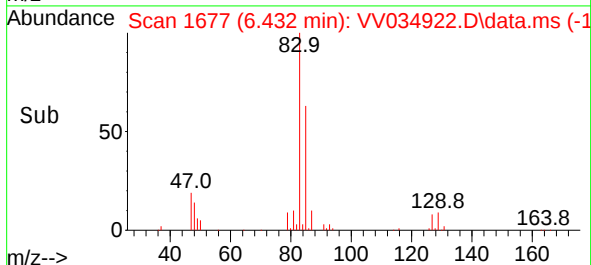
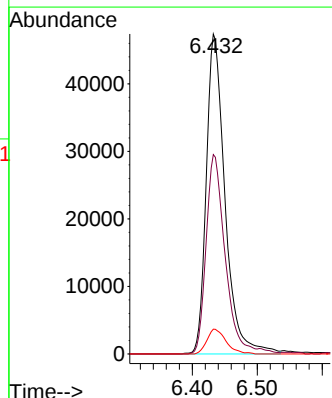
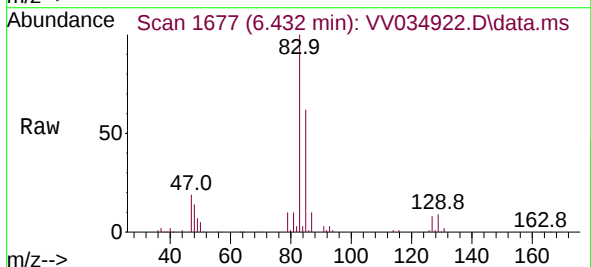
Tgt Ion: 83 Resp: 95249

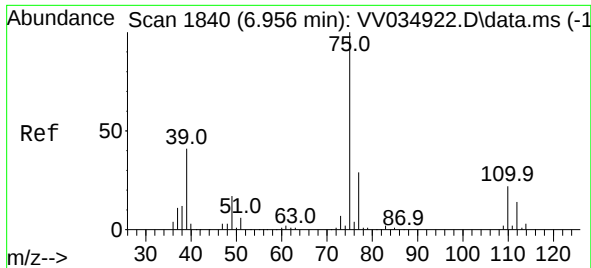
Ion Ratio Lower Upper

83 100

85 62.3 43.6 81.0

127 7.7 6.2 9.2





#39

cis-1,3-Dichloropropene

Concen: 5.277 ug/L

RT: 6.956 min Scan# 1840

Delta R.T. 0.000 min

Lab File: VV034922.D

Acq: 02 Apr 2024 09:45

Instrument :

MSVOA_V

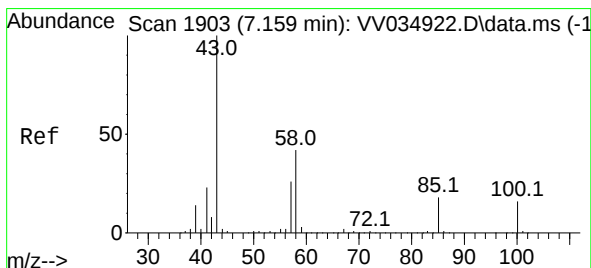
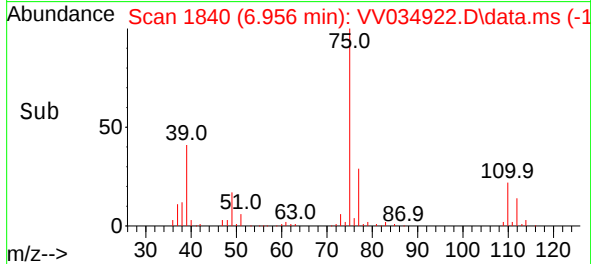
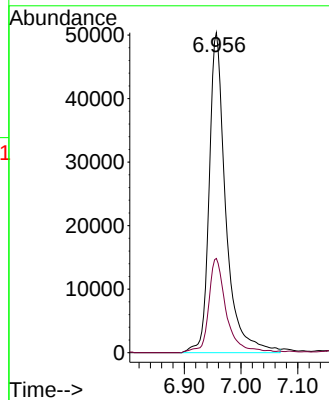
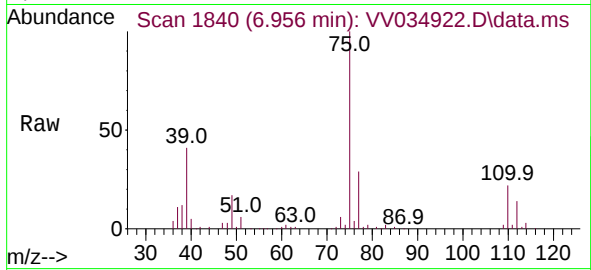
ClientSampleId :

Tgt Ion: 75 Resp: 102686

Ion Ratio Lower Upper

75 100

77 29.5 20.6 38.4



#40

4-Methyl-2-pentanone

Concen: 56.409 ug/L

RT: 7.159 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VV034922.D

Acq: 02 Apr 2024 09:45

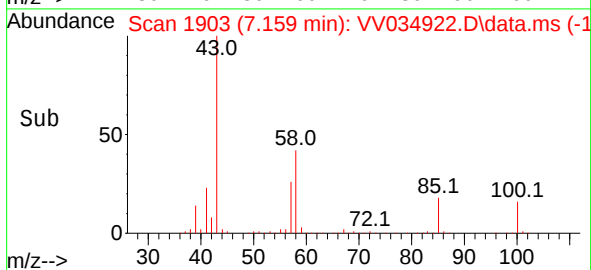
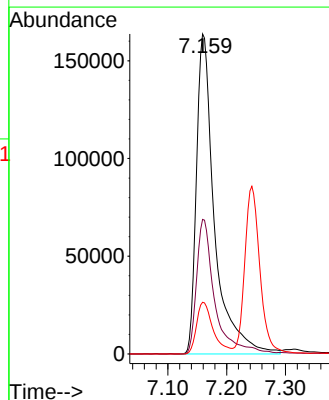
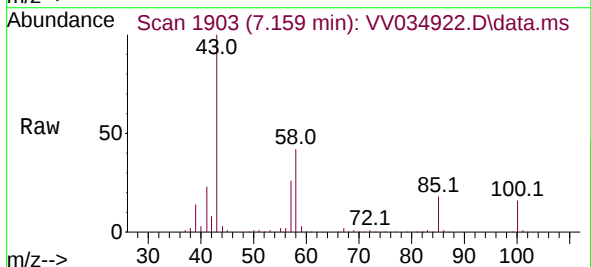
Tgt Ion: 43 Resp: 349440

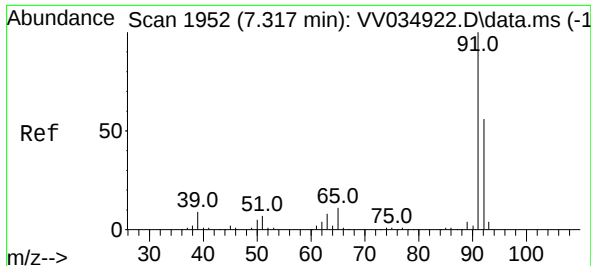
Ion Ratio Lower Upper

43 100

58 42.2 33.8 50.6

100 14.9 11.9 17.9





#42

Toluene

Concen: 5.341 ug/L

RT: 7.317 min Scan# 1952

Delta R.T. 0.000 min

Lab File: VV034922.D

Acq: 02 Apr 2024 09:45

Instrument :

MSVOA_V

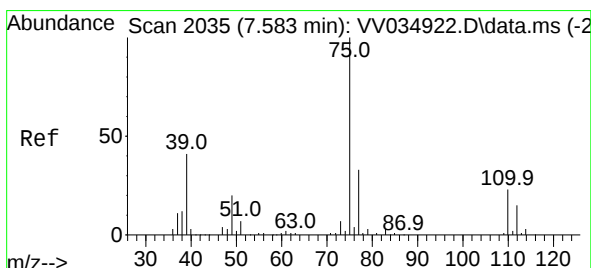
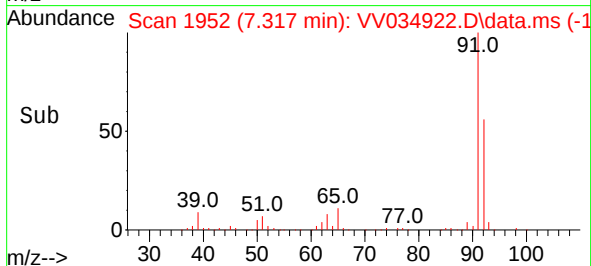
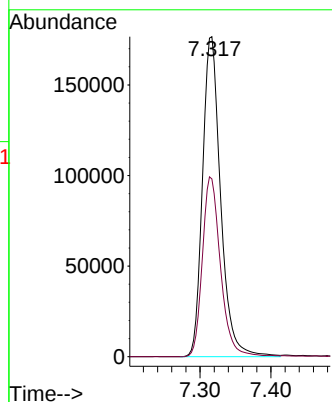
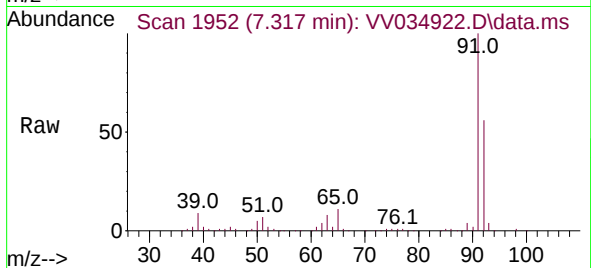
ClientSampleId :

Tgt Ion: 91 Resp: 313656

Ion Ratio Lower Upper

91 100

92 55.5 38.9 72.2



#44

trans-1,3-Dichloropropene

Concen: 5.268 ug/L

RT: 7.583 min Scan# 2035

Delta R.T. 0.000 min

Lab File: VV034922.D

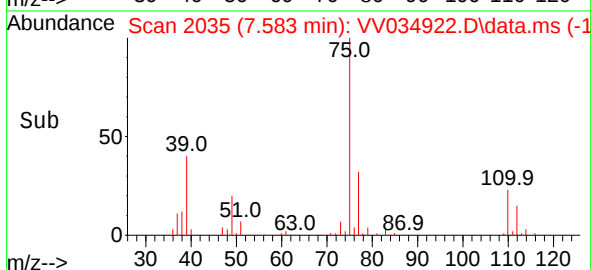
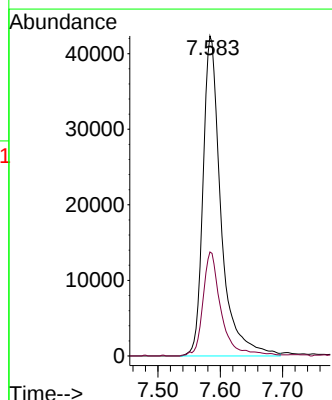
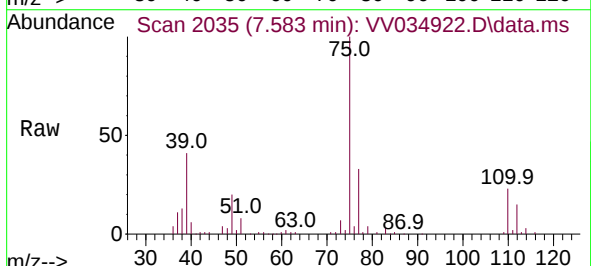
Acq: 02 Apr 2024 09:45

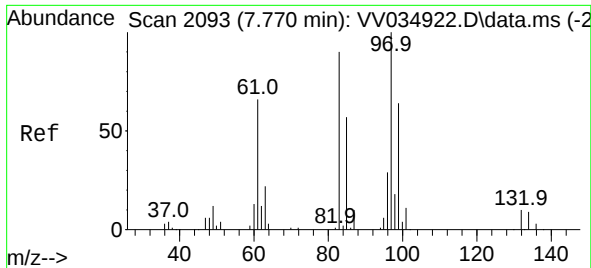
Tgt Ion: 75 Resp: 84968

Ion Ratio Lower Upper

75 100

77 32.5 22.7 42.3

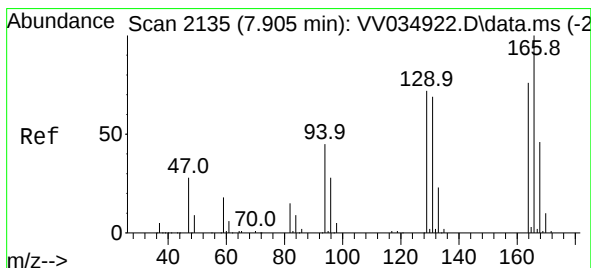
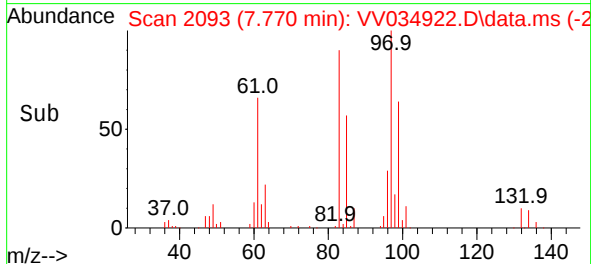
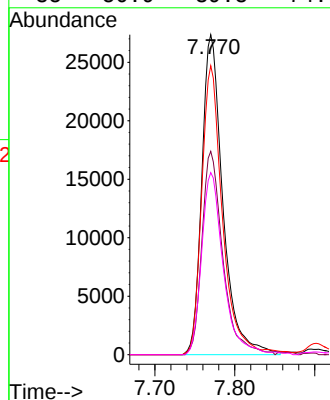
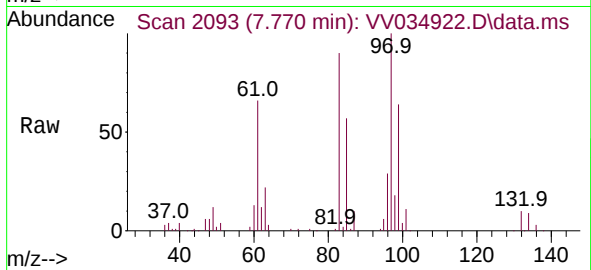




#45
1,1,2-Trichloroethane
Concen: 5.275 ug/L
RT: 7.770 min Scan# 2093
Delta R.T. 0.000 min
Lab File: VV034922.D
Acq: 02 Apr 2024 09:45

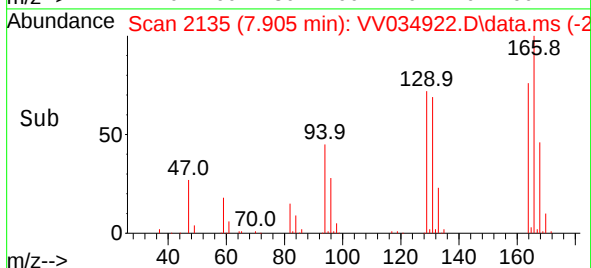
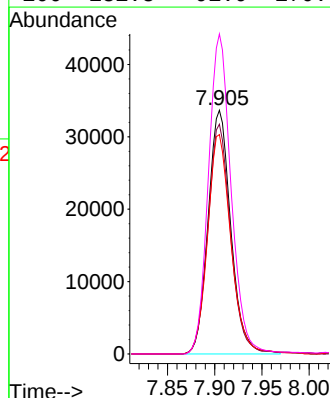
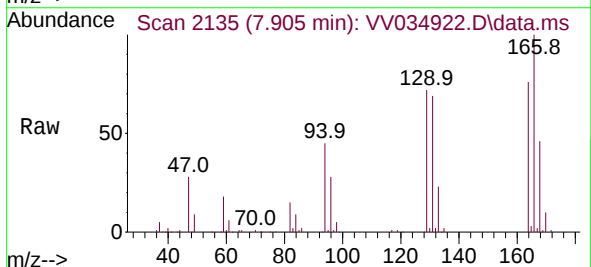
Instrument :
MSVOA_V
ClientSampleId :

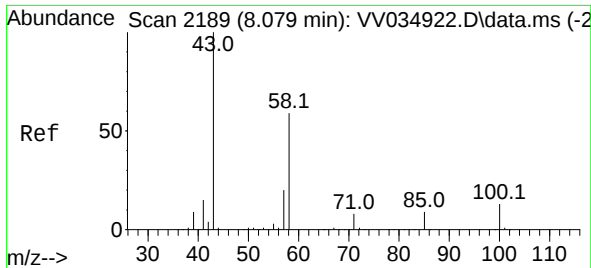
Tgt Ion: 97	Resp: 50207
Ion Ratio	Lower Upper
97 100	
99 63.6	44.5 82.7
83 90.3	63.2 117.4
85 56.9	39.8 74.0



#47
Tetrachloroethene
Concen: 5.159 ug/L
RT: 7.905 min Scan# 2135
Delta R.T. 0.000 min
Lab File: VV034922.D
Acq: 02 Apr 2024 09:45

Tgt Ion: 164	Resp: 56416
Ion Ratio	Lower Upper
164 100	
129 94.3	66.0 122.6
131 90.0	63.0 117.0
166 131.3	91.9 170.7





#48

2-Hexanone

Concen: 54.562 ug/L

RT: 8.079 min Scan# 2189

Delta R.T. 0.000 min

Lab File: VV034922.D

Acq: 02 Apr 2024 09:45

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 43 Resp: 263783

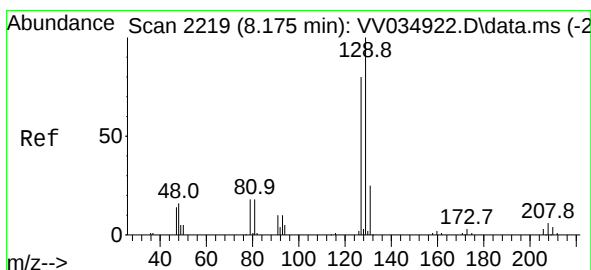
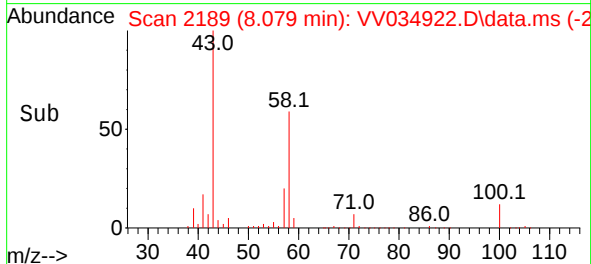
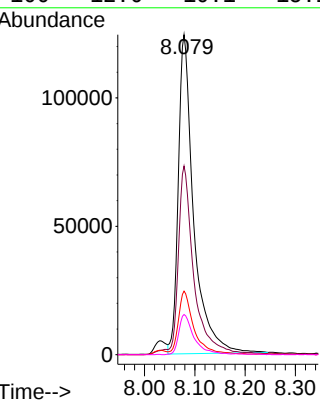
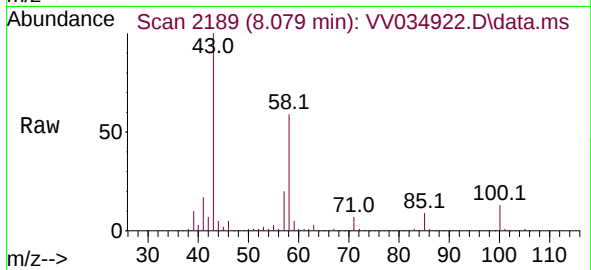
Ion Ratio Lower Upper

43 100

58 60.3 48.2 72.4

57 19.5 15.6 23.4

100 12.6 10.1 15.1



#49

Dibromochloromethane

Concen: 5.203 ug/L

RT: 8.175 min Scan# 2219

Delta R.T. 0.000 min

Lab File: VV034922.D

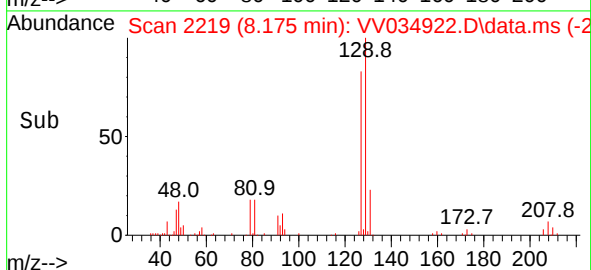
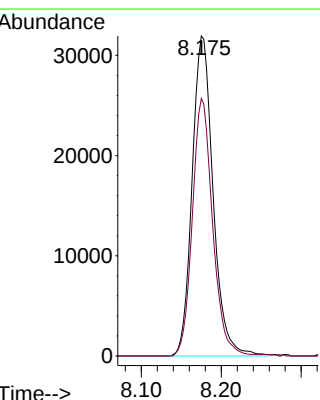
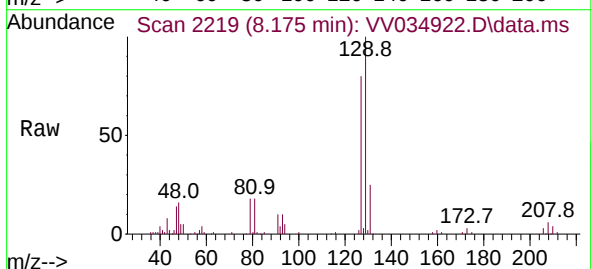
Acq: 02 Apr 2024 09:45

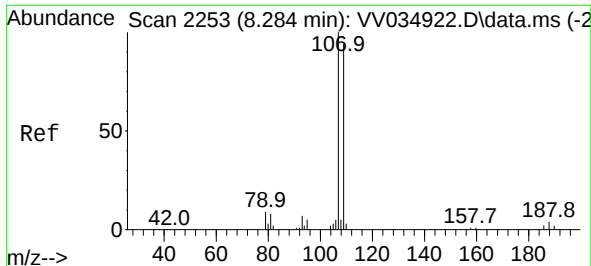
Tgt Ion: 129 Resp: 58287

Ion Ratio Lower Upper

129 100

127 80.5 56.4 104.7

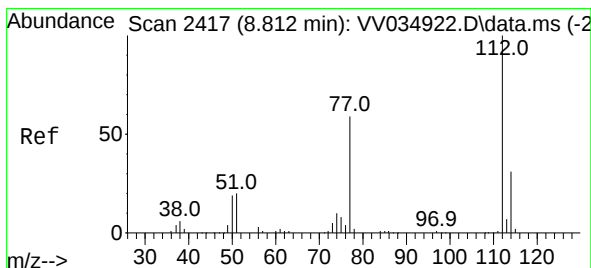
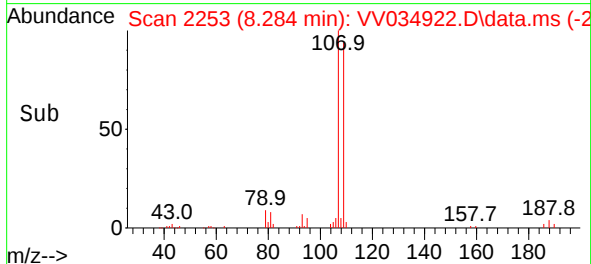
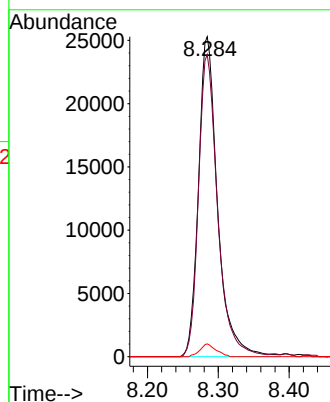
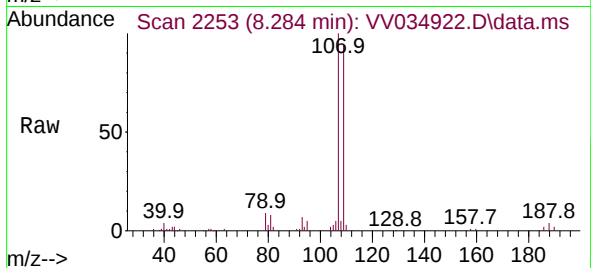




#50
1,2-Dibromoethane
Concen: 5.283 ug/L
RT: 8.284 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV034922.D
Acq: 02 Apr 2024 09:45

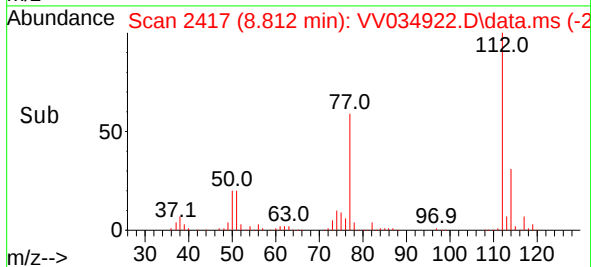
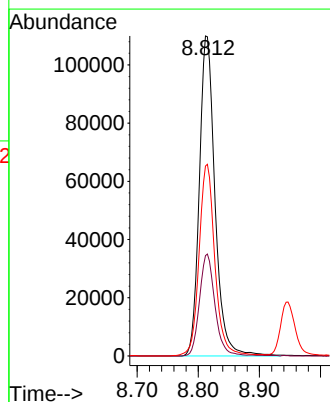
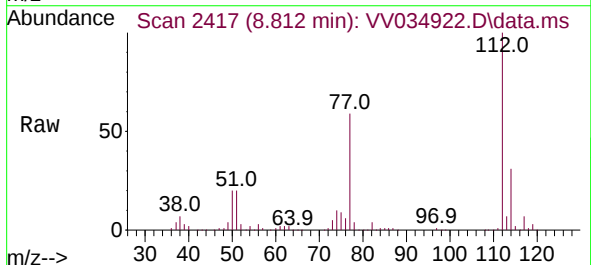
Instrument :
MSVOA_V
ClientSampleId :

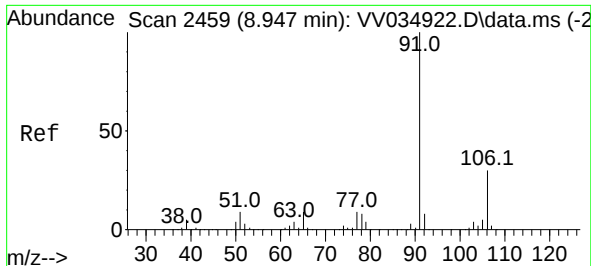
Tgt Ion:107 Resp: 47342
Ion Ratio Lower Upper
107 100
109 94.5 66.1 122.8
188 4.0 3.2 4.8



#51
Chlorobenzene
Concen: 5.165 ug/L
RT: 8.812 min Scan# 2417
Delta R.T. 0.000 min
Lab File: VV034922.D
Acq: 02 Apr 2024 09:45

Tgt Ion:112 Resp: 195957
Ion Ratio Lower Upper
112 100
114 31.3 21.9 40.7
77 59.3 47.4 71.2





#52

Ethylbenzene

Concen: 5.242 ug/L

RT: 8.947 min Scan# 2459

Delta R.T. 0.000 min

Lab File: VV034922.D

Acq: 02 Apr 2024 09:45

Instrument :

MSVOA_V

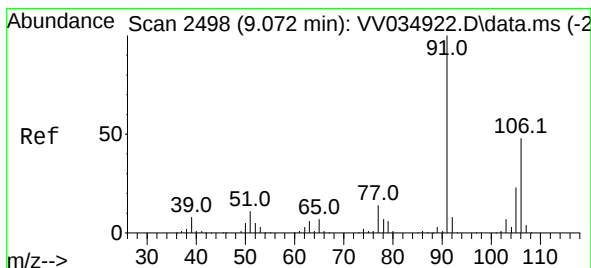
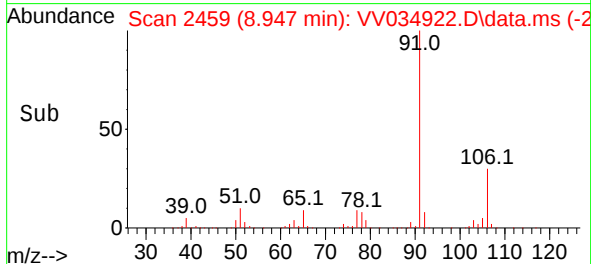
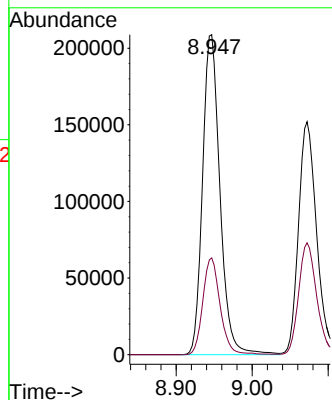
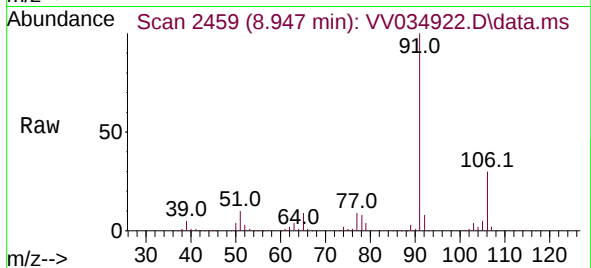
ClientSampleId :

Tgt Ion: 91 Resp: 332529

Ion Ratio Lower Upper

91 100

106 30.3 21.2 39.4



#53

m,p-Xylene

Concen: 5.225 ug/L

RT: 9.072 min Scan# 2498

Delta R.T. 0.000 min

Lab File: VV034922.D

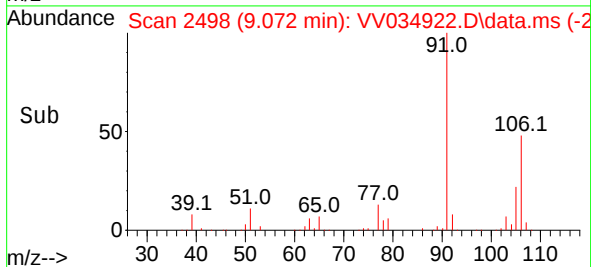
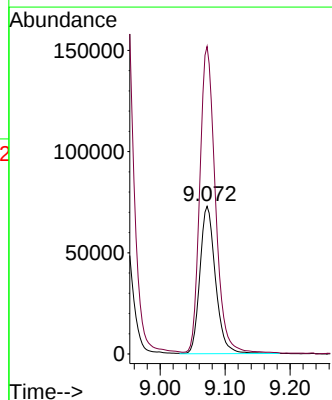
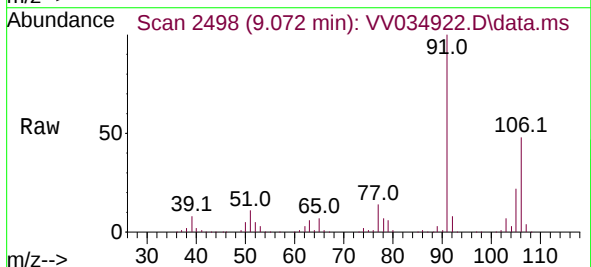
Acq: 02 Apr 2024 09:45

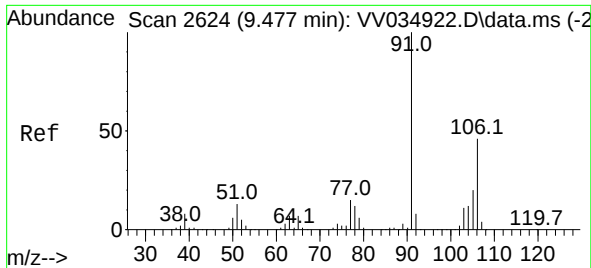
Tgt Ion: 106 Resp: 121690

Ion Ratio Lower Upper

106 100

91 208.2 145.7 270.7

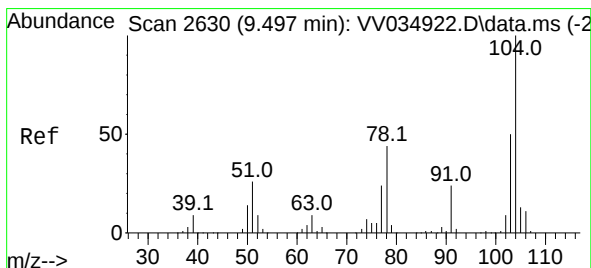
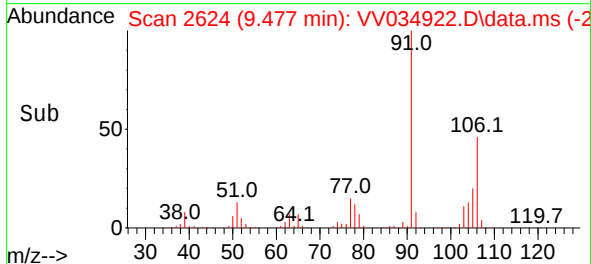
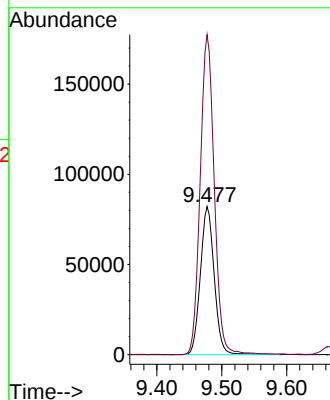
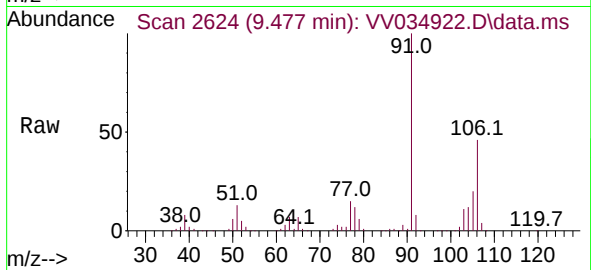




#54
o-Xylene
Concen: 5.351 ug/L
RT: 9.477 min Scan# 2624
Delta R.T. 0.000 min
Lab File: VV034922.D
Acq: 02 Apr 2024 09:45

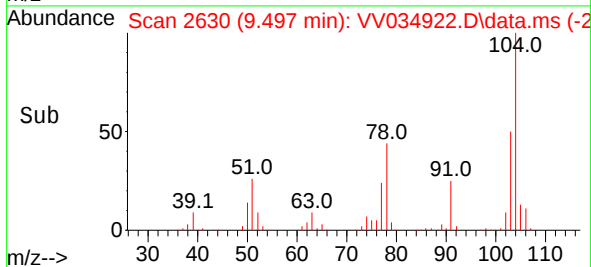
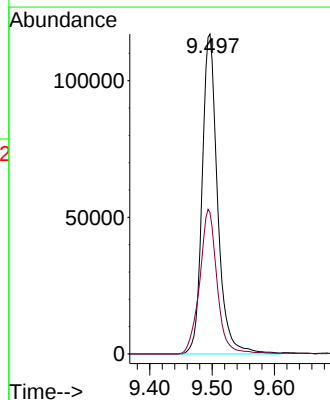
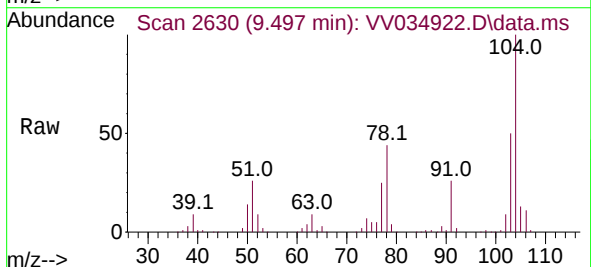
Instrument :
MSVOA_V
ClientSampleId :

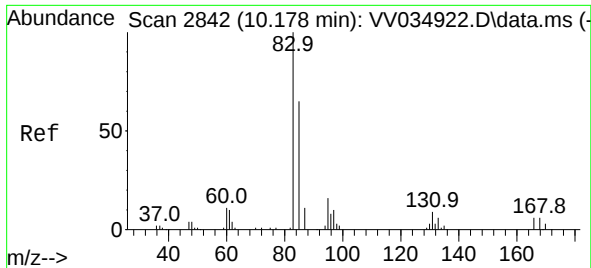
Tgt Ion:106 Resp: 122298
Ion Ratio Lower Upper
106 100
91 216.0 151.2 280.8



#55
Styrene
Concen: 5.492 ug/L
RT: 9.497 min Scan# 2630
Delta R.T. 0.000 min
Lab File: VV034922.D
Acq: 02 Apr 2024 09:45

Tgt Ion:104 Resp: 201806
Ion Ratio Lower Upper
104 100
78 44.2 30.9 57.5

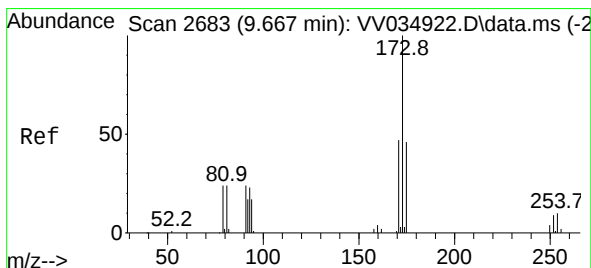
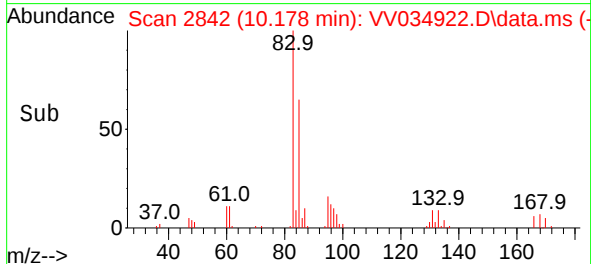
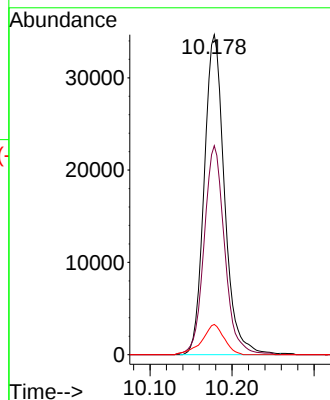
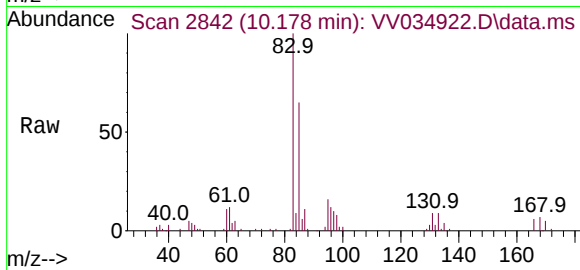




#57
1,1,2,2-Tetrachloroethane
Concen: 5.231 ug/L
RT: 10.178 min Scan# 2842
Delta R.T. 0.000 min
Lab File: VV034922.D
Acq: 02 Apr 2024 09:45

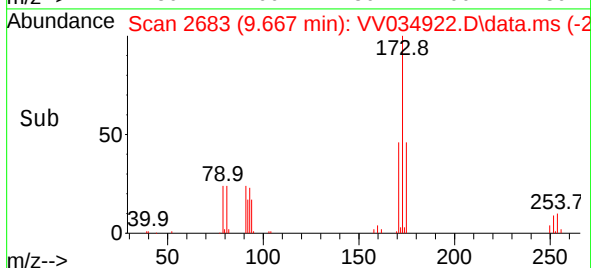
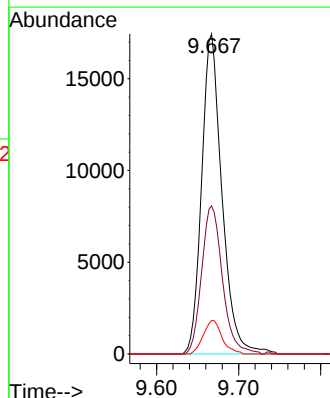
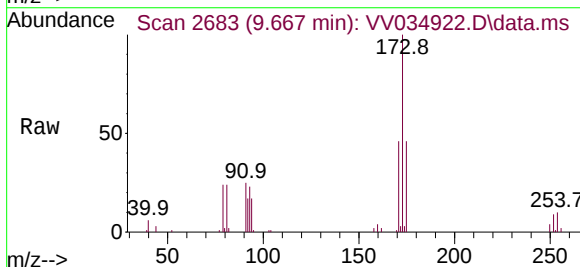
Instrument :
MSVOA_V
ClientSampleId :

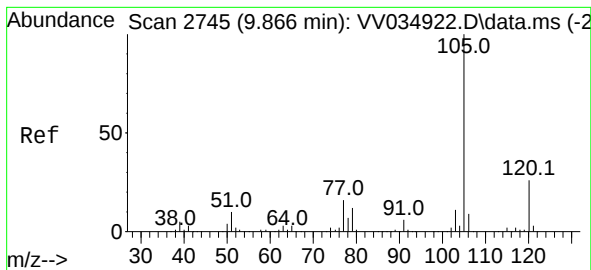
Tgt Ion: 83 Resp: 59508
Ion Ratio Lower Upper
83 100
85 65.3 45.7 84.9
131 9.5 7.6 11.4



#59
Bromoform
Concen: 5.219 ug/L
RT: 9.667 min Scan# 2683
Delta R.T. 0.000 min
Lab File: VV034922.D
Acq: 02 Apr 2024 09:45

Tgt Ion: 173 Resp: 30034
Ion Ratio Lower Upper
173 100
175 47.3 37.8 56.8
254 9.7 7.8 11.6





#60

Isopropylbenzene

Concen: 5.249 ug/L

RT: 9.866 min Scan# 2745

Delta R.T. 0.000 min

Lab File: VV034922.D

Acq: 02 Apr 2024 09:45

Instrument :

MSVOA_V

ClientSampleId :

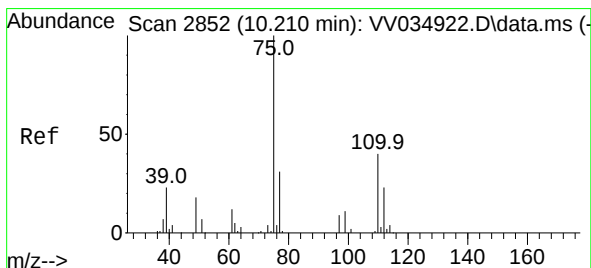
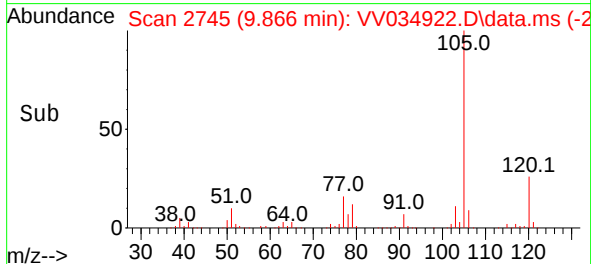
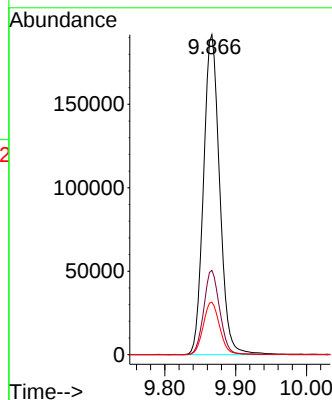
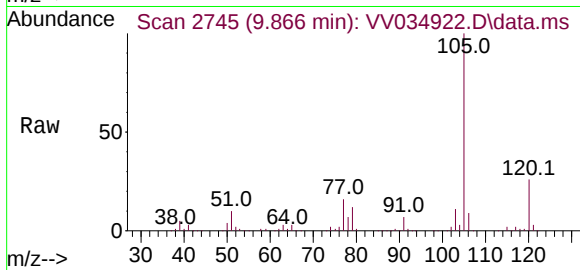
Tgt Ion:105 Resp: 303724

Ion Ratio Lower Upper

105 100

120 26.2 21.0 31.4

77 16.8 13.4 20.2



#61

1,2,3-Trichloropropane

Concen: 5.151 ug/L

RT: 10.210 min Scan# 2852

Delta R.T. 0.000 min

Lab File: VV034922.D

Acq: 02 Apr 2024 09:45

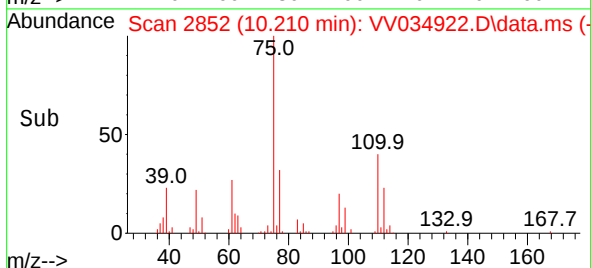
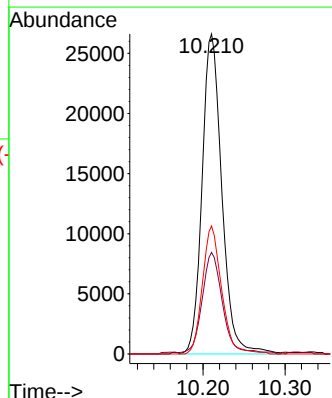
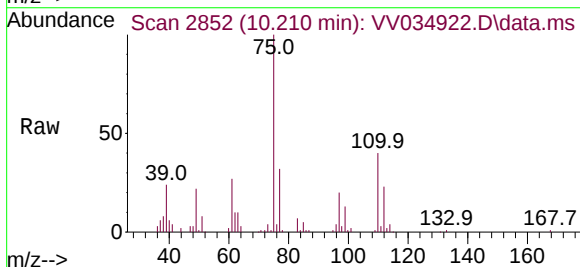
Tgt Ion: 75 Resp: 44512

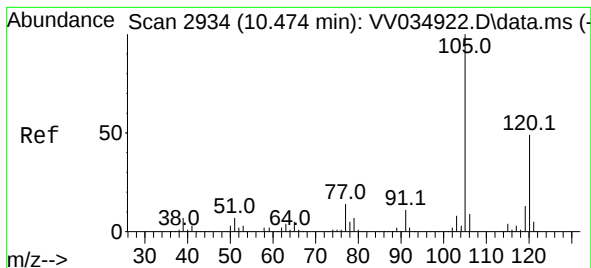
Ion Ratio Lower Upper

75 100

77 31.0 24.8 37.2

110 38.8 31.0 46.6





#62

1,3,5-Trimethylbenzene

Concen: 5.119 ug/L

RT: 10.474 min Scan# 2934

Delta R.T. 0.000 min

Lab File: VV034922.D

Acq: 02 Apr 2024 09:45

Instrument :

MSVOA_V

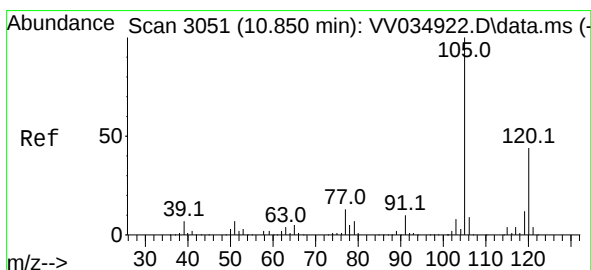
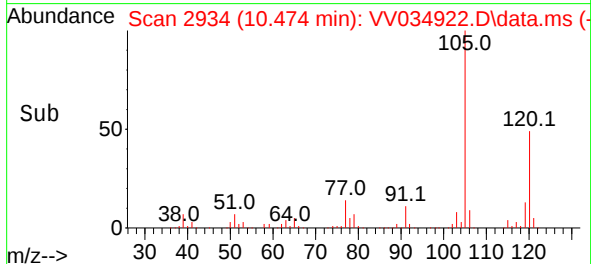
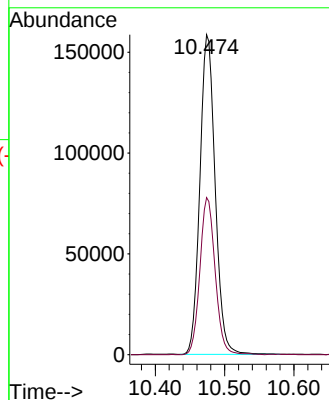
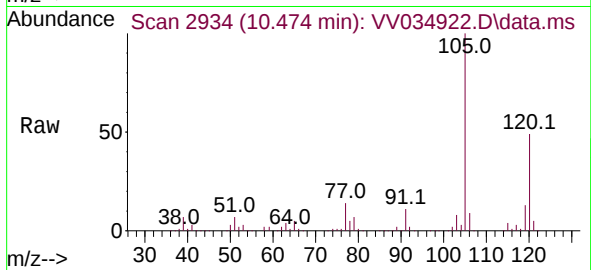
ClientSampleId :

Tgt Ion:105 Resp: 243323

Ion Ratio Lower Upper

105 100

120 49.0 39.2 58.8



#63

1,2,4-Trimethylbenzene

Concen: 5.266 ug/L

RT: 10.850 min Scan# 3051

Delta R.T. 0.000 min

Lab File: VV034922.D

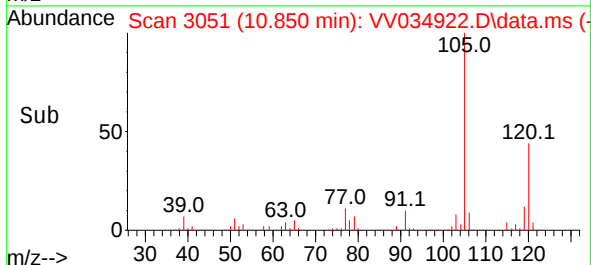
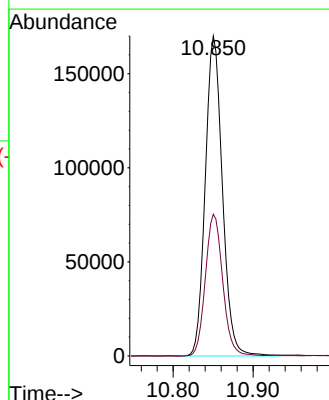
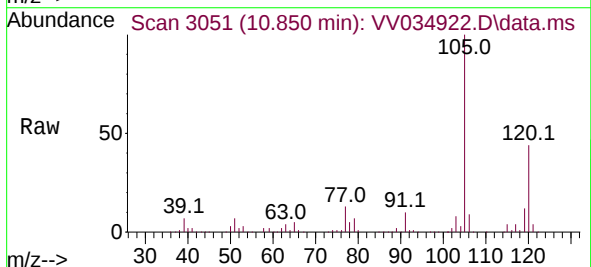
Acq: 02 Apr 2024 09:45

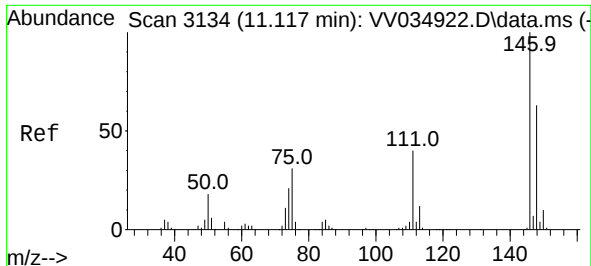
Tgt Ion:105 Resp: 253946

Ion Ratio Lower Upper

105 100

120 44.8 35.8 53.8





#64

1,3-Dichlorobenzene

Concen: 5.194 ug/L

RT: 11.117 min Scan# 3134

Delta R.T. 0.000 min

Lab File: VV034922.D

Acq: 02 Apr 2024 09:45

Instrument :

MSVOA_V

ClientSampleId :

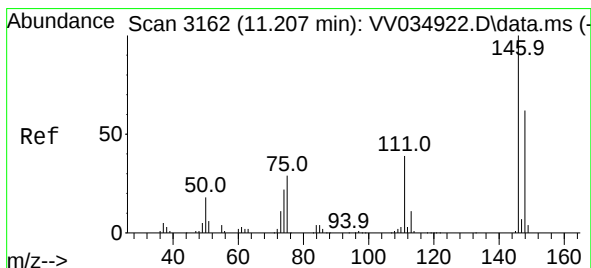
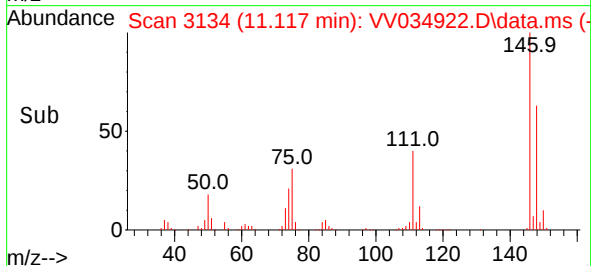
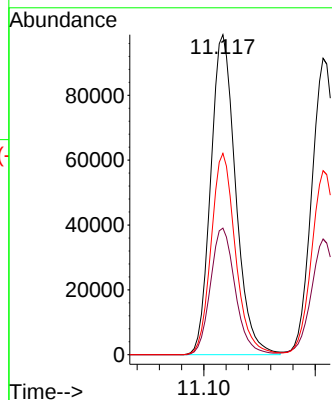
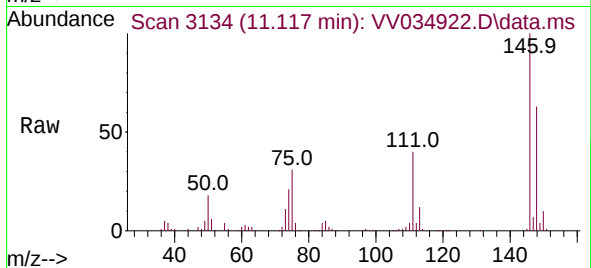
Tgt Ion:146 Resp: 153370

Ion Ratio Lower Upper

146 100

111 39.6 27.7 51.5

148 62.9 44.0 81.8



#65

1,4-Dichlorobenzene

Concen: 5.033 ug/L

RT: 11.207 min Scan# 3162

Delta R.T. 0.000 min

Lab File: VV034922.D

Acq: 02 Apr 2024 09:45

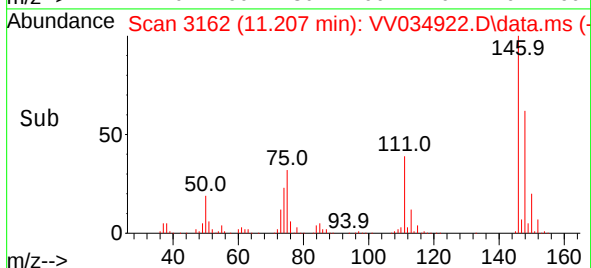
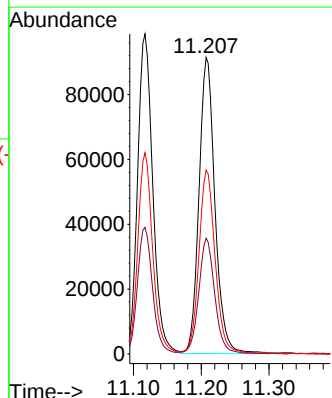
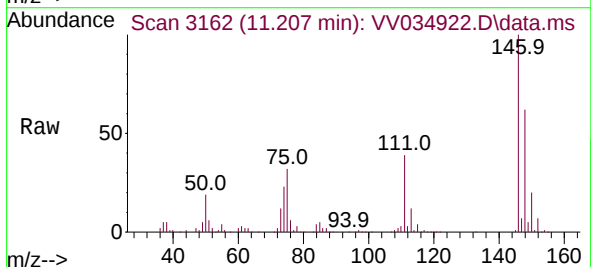
Tgt Ion:146 Resp: 148844

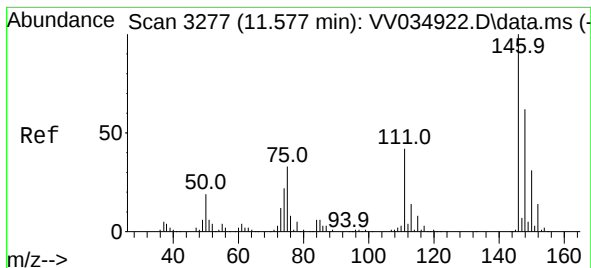
Ion Ratio Lower Upper

146 100

111 39.0 27.3 50.7

148 62.1 43.5 80.7





#67

1,2-Dichlorobenzene

Concen: 5.111 ug/L

RT: 11.577 min Scan# 3277

Delta R.T. 0.000 min

Lab File: VV034922.D

Acq: 02 Apr 2024 09:45

Instrument :

MSVOA_V

ClientSampleId :

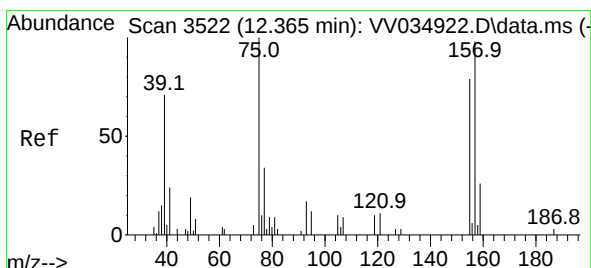
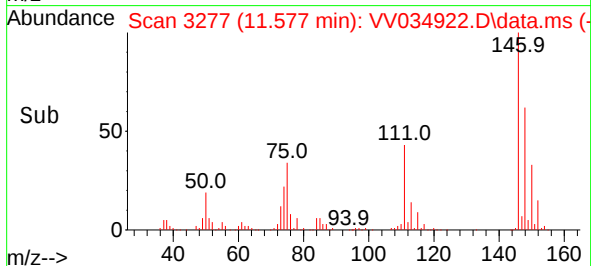
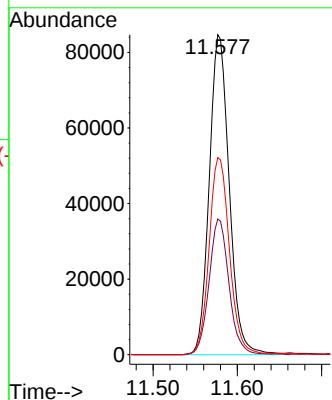
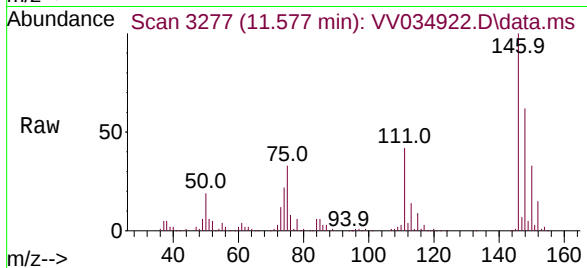
Tgt Ion:146 Resp: 139434

Ion Ratio Lower Upper

146 100

111 42.4 33.9 50.9

148 61.6 49.3 73.9



#68

1,2-Dibromo-3-chloropropane

Concen: 5.120 ug/L

RT: 12.365 min Scan# 3522

Delta R.T. 0.000 min

Lab File: VV034922.D

Acq: 02 Apr 2024 09:45

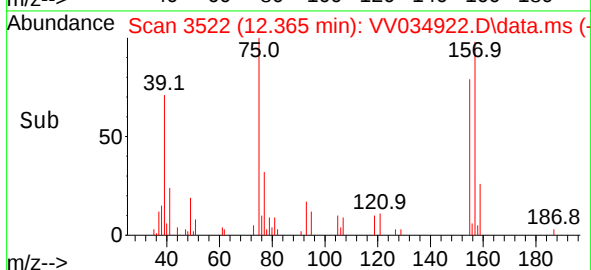
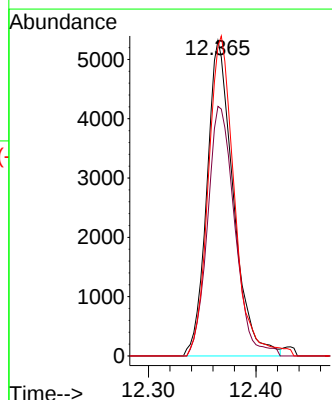
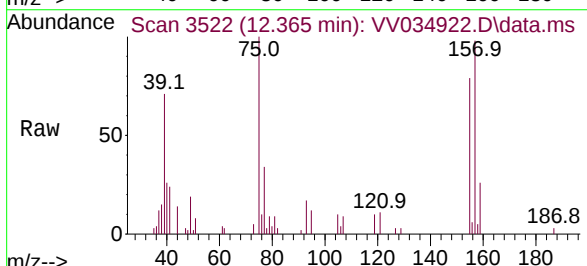
Tgt Ion: 75 Resp: 9096

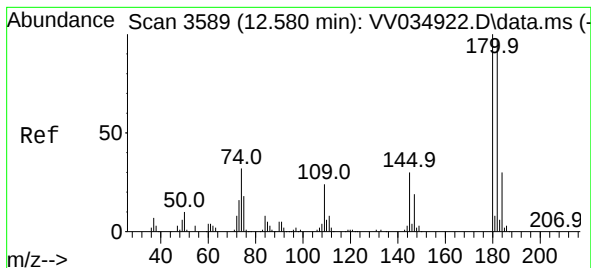
Ion Ratio Lower Upper

75 100

155 79.2 63.4 95.0

157 98.2 78.6 117.8





#69

1,3,5-Trichlorobenzene

Concen: 4.980 ug/L

RT: 12.580 min Scan# 3589

Delta R.T. 0.000 min

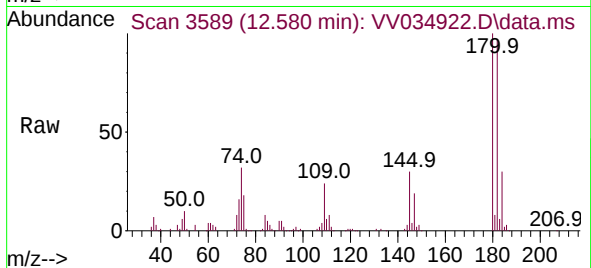
Lab File: VV034922.D

Acq: 02 Apr 2024 09:45

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 110409

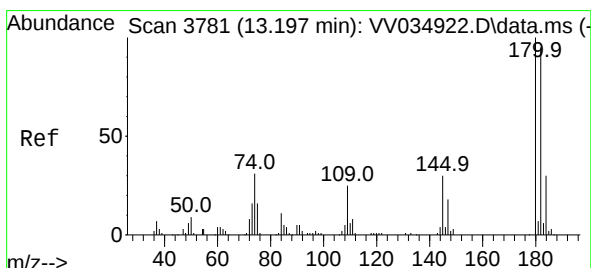
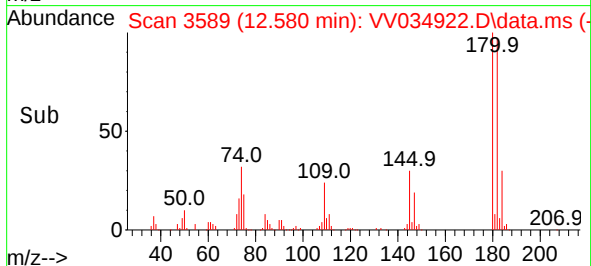
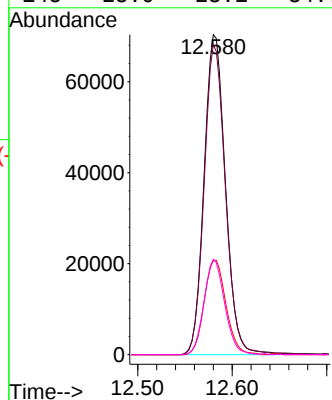
Ion Ratio Lower Upper

180 100

182 96.6 77.3 115.9

184 30.1 24.1 36.1

145 28.9 23.1 34.7



#70

1,2,4-trichlorobenzene

Concen: 5.076 ug/L

RT: 13.197 min Scan# 3781

Delta R.T. 0.000 min

Lab File: VV034922.D

Acq: 02 Apr 2024 09:45

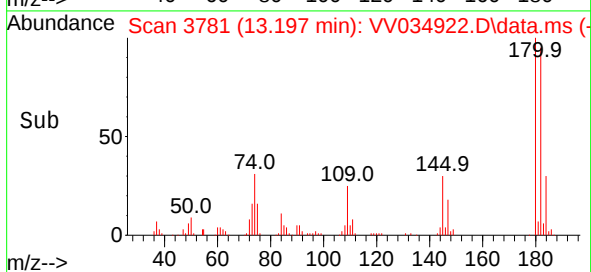
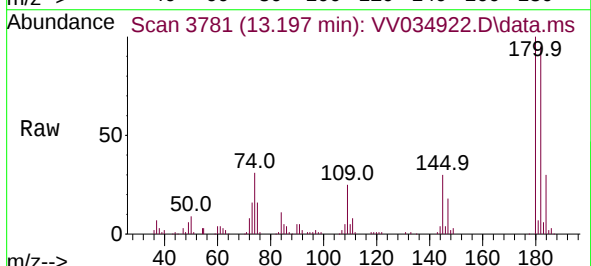
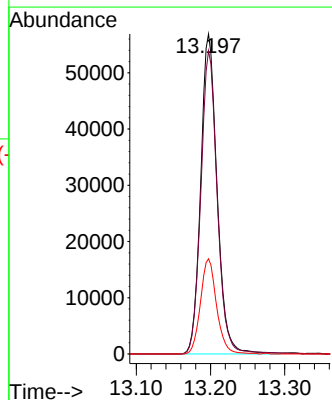
Tgt Ion:180 Resp: 87418

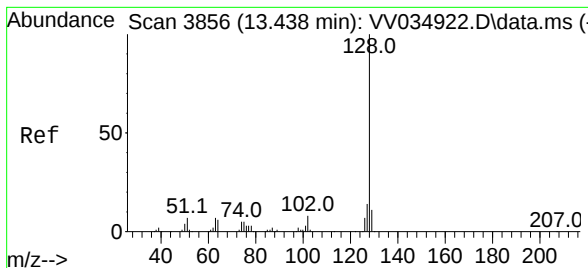
Ion Ratio Lower Upper

180 100

182 94.1 75.3 112.9

145 29.2 23.4 35.0





#71

Naphthalene

Concen: 4.859 ug/L

RT: 13.438 min Scan# 3856

Delta R.T. 0.000 min

Lab File: VV034922.D

Acq: 02 Apr 2024 09:45

Instrument :

MSVOA_V

ClientSampleId :

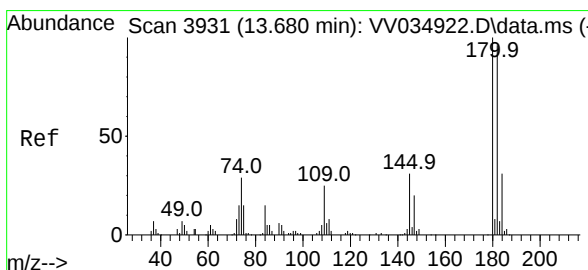
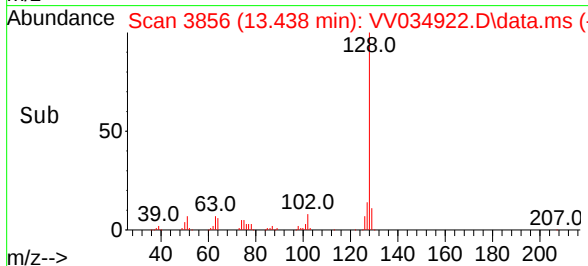
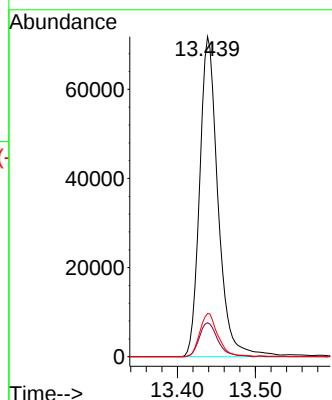
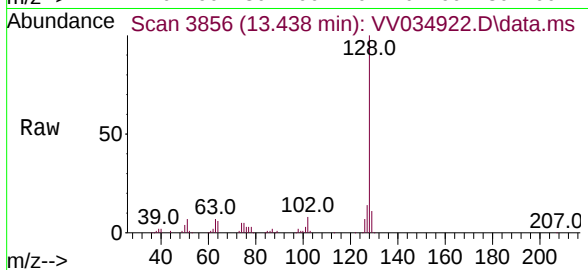
Tgt Ion:128 Resp: 117618

Ion Ratio Lower Upper

128 100

129 10.7 8.6 12.8

127 13.4 10.7 16.1



#72

1,2,3-Trichlorobenzene

Concen: 5.169 ug/L

RT: 13.680 min Scan# 3931

Delta R.T. 0.000 min

Lab File: VV034922.D

Acq: 02 Apr 2024 09:45

Tgt Ion:180 Resp: 78297

Ion Ratio Lower Upper

180 100

182 96.2 77.0 115.4

145 31.8 25.4 38.2

