

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102423\
 Data File : VU055863.D
 Acq On : 24 Oct 2023 10:48
 Operator : MD/SY
 Sample : VSTD01070
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 25 05:02:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102423WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Oct 25 04:59:46 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	368038	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	363716	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	193361	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	303847	20.446	ug/L	0.00
7) Chloroethane-d5	1.911	69	238398	14.361	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.563	65	129496	16.828	ug/L	0.00
20) 2-Butanone-d5	4.628	46	572017	93.486	ug/L	0.00
24) Chloroform-d	5.055	84	576902	12.805	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.695	65	275835	11.750	ug/L	0.00
32) Benzene-d6	5.721	84	1147331	13.210	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.685	67	341972	11.638	ug/L	0.00
41) Toluene-d8	7.894	98	1063959	12.910	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.177	79	135490	13.586	ug/L	0.00
46) 2-Hexanone-d5	8.631	63	379096	89.287	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.753	84	250212	10.221	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.187	152	376211	11.910	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	216420	9.671	ug/L	98
3) Chloromethane	1.515	50	205234	8.851	ug/L	98
5) Vinyl chloride	1.602	62	227087	9.442	ug/L	97
6) Bromomethane	1.856	94	140941	9.361	ug/L	96
8) Chloroethane	1.930	64	134735	8.614	ug/L	99
9) Trichlorofluoromethane	2.136	101	315143	9.251	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	212439	11.055	ug/L	99
12) 1,1-Dichloroethene	2.576	96	184809	10.992	ug/L	96
13) Acetone	2.644	43	310287	92.030	ug/L	99
14) Carbon disulfide	2.788	76	477591	10.425	ug/L	99
15) Methyl Acetate	2.952	43	64775	9.558	ug/L	96
16) Methylene chloride	3.039	84	203843	8.033	ug/L	96
17) Methyl tert-butyl Ether	3.357	73	458859	9.630	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	185486	10.224	ug/L	99
19) 1,1-Dichloroethane	3.862	63	378056	10.043	ug/L	97
21) 2-Butanone	4.708	43	481212	93.731	ug/L	98
22) cis-1,2-Dichloroethene	4.660	96	224377	10.557	ug/L	95
23) Bromochloromethane	4.968	128	92559	10.015	ug/L	99
25) Chloroform	5.081	83	403900	9.811	ug/L	100
27) 1,2-Dichloroethane	5.788	62	235849	9.366	ug/L	100
29) 1,1,1-Trichloroethane	5.312	97	349330	9.774	ug/L	99
30) Cyclohexane	5.383	56	308096	9.921	ug/L	97
31) Carbon tetrachloride	5.521	117	296278	9.759	ug/L	98
33) Benzene	5.769	78	849716	10.014	ug/L	100
34) Trichloroethene	6.537	95	230670	9.862	ug/L	99
35) Methylcyclohexane	6.759	83	335461	9.815	ug/L	98
37) 1,2-Dichloropropane	6.785	63	222606	9.502	ug/L	99
38) Bromodichloromethane	7.100	83	282290	9.675	ug/L	99
39) cis-1,3-Dichloropropene	7.602	75	336682	10.020	ug/L	99
40) 4-Methyl-2-pentanone	7.785	43	1132878	88.388	ug/L	100
42) Toluene	7.965	91	907711	9.730	ug/L	100
44) trans-1,3-Dichloropropene	8.206	75	270441	9.758	ug/L	99

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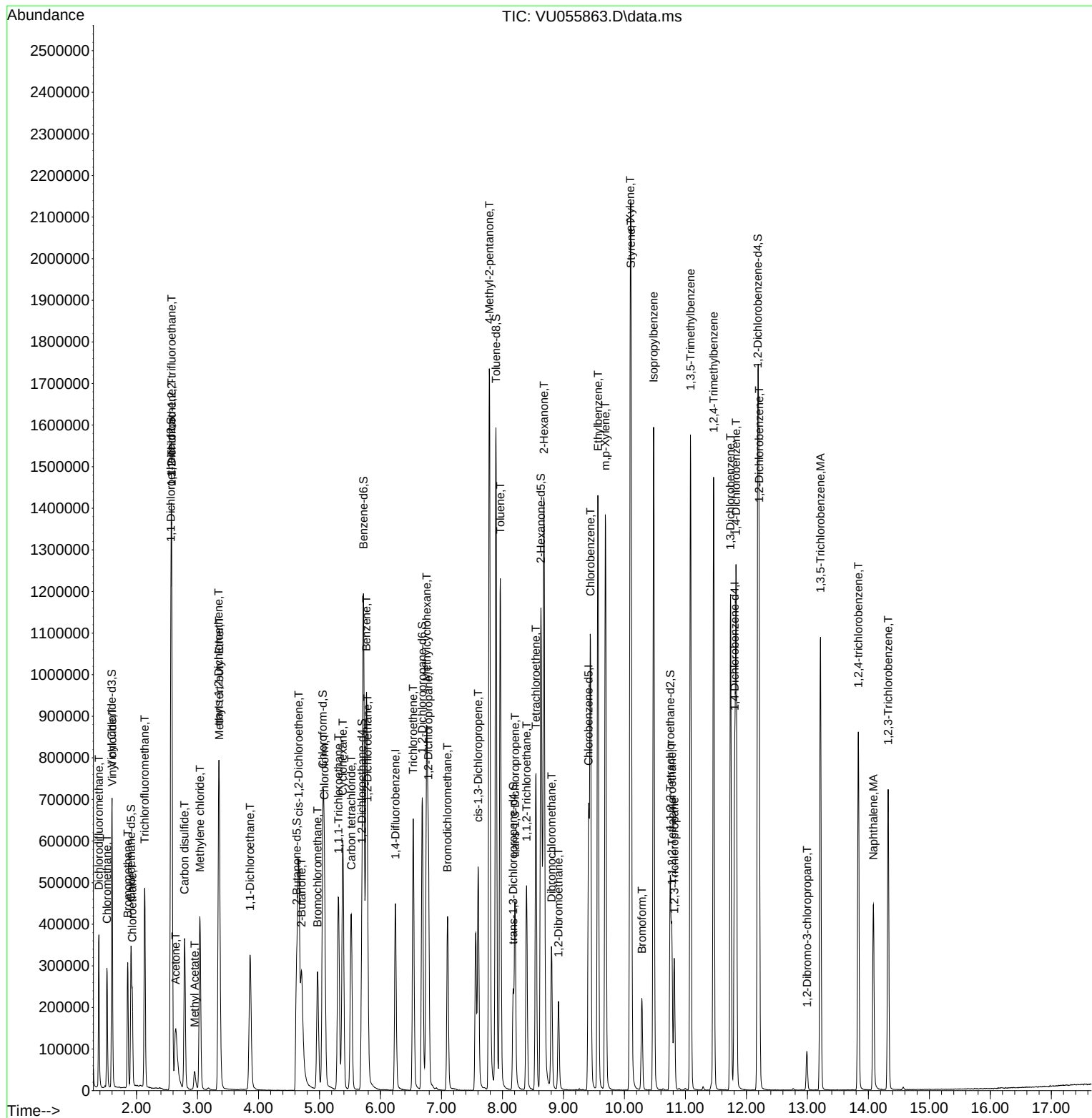
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.396	97	156982	9.915	ug/L	98
47) Tetrachloroethene	8.550	164	165172	9.792	ug/L	98
48) 2-Hexanone	8.682	43	918063	95.311	ug/L	99
49) Dibromochloromethane	8.804	129	176380	9.532	ug/L	97
50) 1,2-Dibromoethane	8.920	107	146636	9.630	ug/L	99
51) Chlorobenzene	9.444	112	572876	9.438	ug/L	99
52) Ethylbenzene	9.566	91	1023563	9.770	ug/L	100
53) m,p-Xylene	9.688	106	397030	10.108	ug/L	97
54) o-Xylene	10.097	106	380580	10.058	ug/L	99
55) Styrene	10.110	104	646809	10.387	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.778	83	182718	9.361	ug/L	96
59) Bromoform	10.286	173	101216	10.477	ug/L	98
60) Isopropylbenzene	10.479	105	1038952	10.209	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	130887	9.246	ug/L	98
62) 1,3,5-Trimethylbenzene	11.084	105	862188	9.989	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	823823	10.299	ug/L	100
64) 1,3-Dichlorobenzene	11.740	146	477900	10.058	ug/L	99
65) 1,4-Dichlorobenzene	11.833	146	473734	9.975	ug/L	100
67) 1,2-Dichlorobenzene	12.209	146	435805	10.092	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.994	75	25925	9.673	ug/L	92
69) 1,3,5-Trichlorobenzene	13.216	180	328242	10.341	ug/L	98
70) 1,2,4-trichlorobenzene	13.836	180	253164	10.312	ug/L	99
71) Naphthalene	14.084	128	369184	10.001	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	216931	10.563	ug/L	98

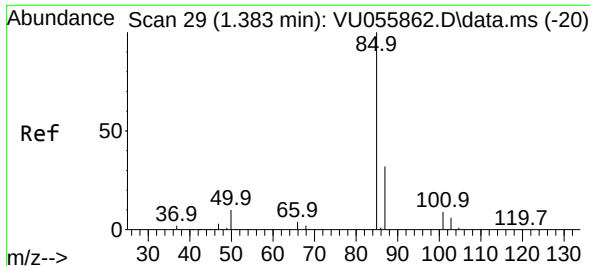
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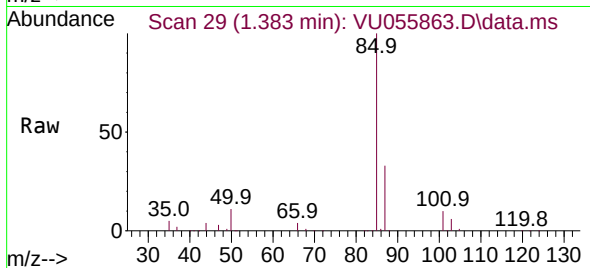
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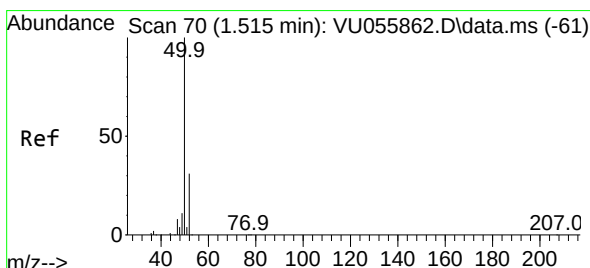
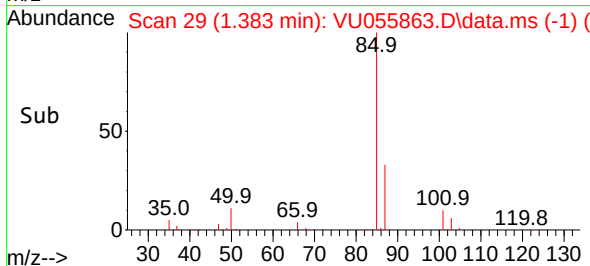
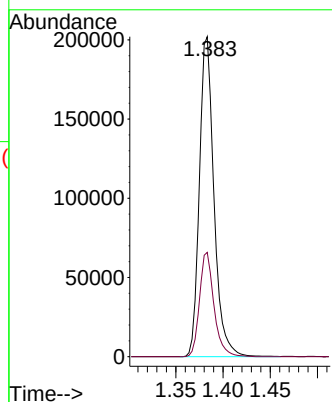


#2
 Dichlorodifluoromethane
 Concen: 9.671 ug/L
 RT: 1.383 min Scan# 29
 Delta R.T. -0.000 min
 Lab File: VU055863.D
 Acq: 24 Oct 2023 10:48

Instrument :
 MSVOA_U
 ClientSampleId :

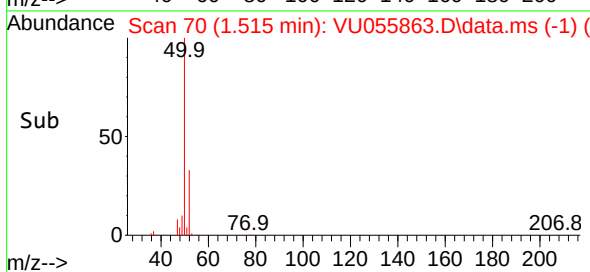
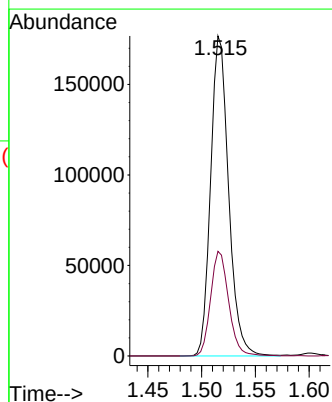
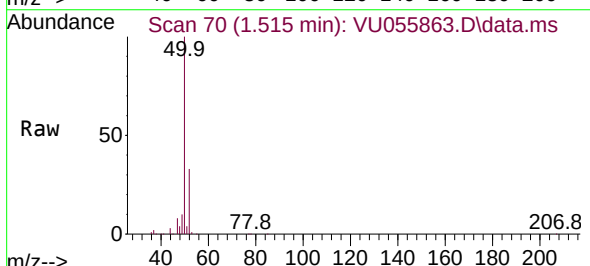


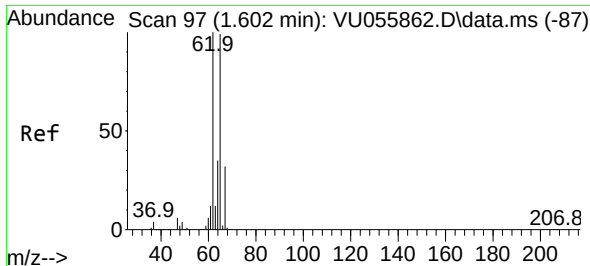
Tgt Ion: 85 Resp: 216420
 Ion Ratio Lower Upper
 85 100
 87 32.3 25.0 37.4



#3
 Chloromethane
 Concen: 8.851 ug/L
 RT: 1.515 min Scan# 70
 Delta R.T. -0.000 min
 Lab File: VU055863.D
 Acq: 24 Oct 2023 10:48

Tgt Ion: 50 Resp: 205234
 Ion Ratio Lower Upper
 50 100
 52 32.7 22.0 40.8

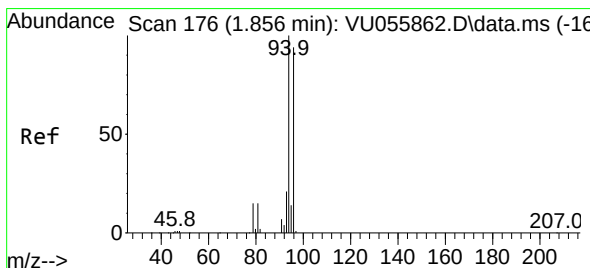
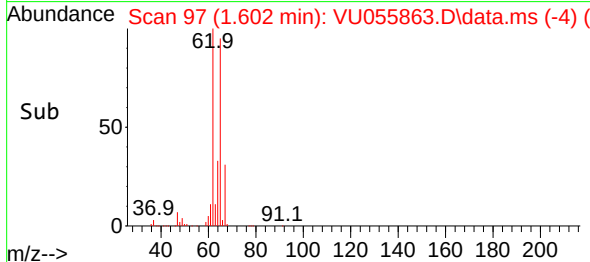
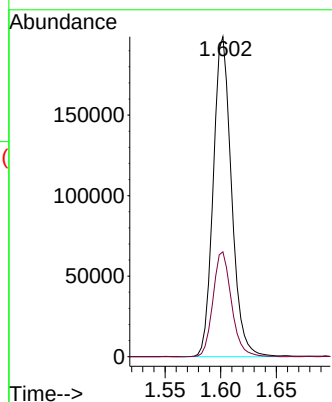
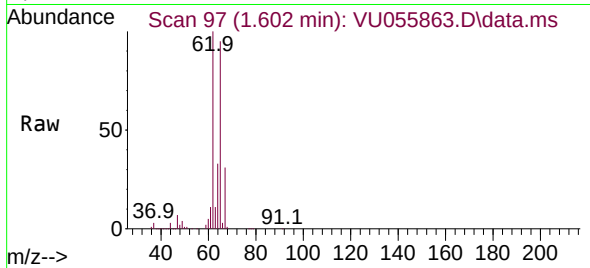




#5
 Vinyl chloride
 Concen: 9.442 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VU055863.D
 Acq: 24 Oct 2023 10:48

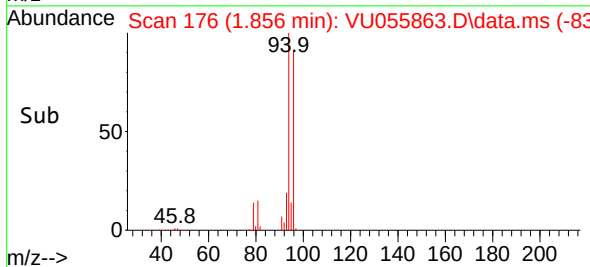
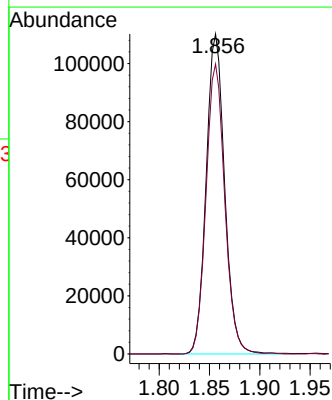
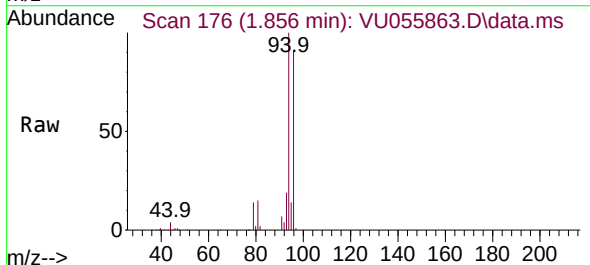
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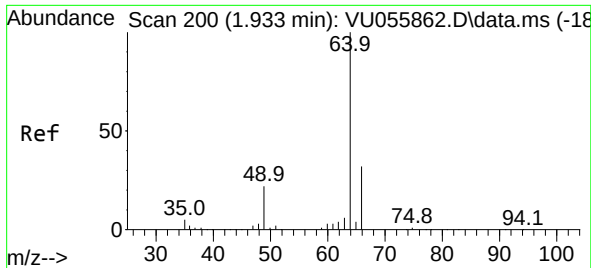
Tgt Ion: 62 Resp: 227087
 Ion Ratio Lower Upper
 62 100
 64 32.8 24.2 45.0



#6
 Bromomethane
 Concen: 9.361 ug/L
 RT: 1.856 min Scan# 176
 Delta R.T. -0.000 min
 Lab File: VU055863.D
 Acq: 24 Oct 2023 10:48

Tgt Ion: 94 Resp: 140941
 Ion Ratio Lower Upper
 94 100
 96 90.6 65.9 122.5

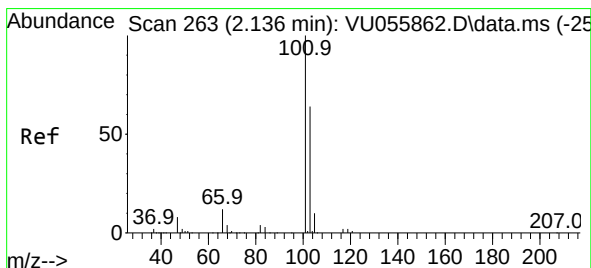
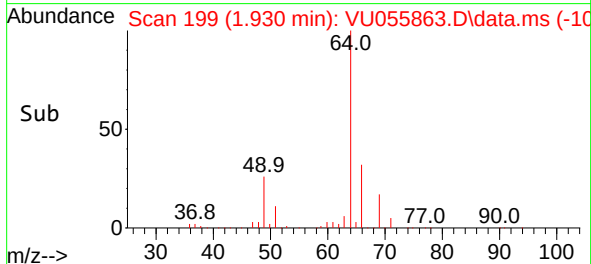
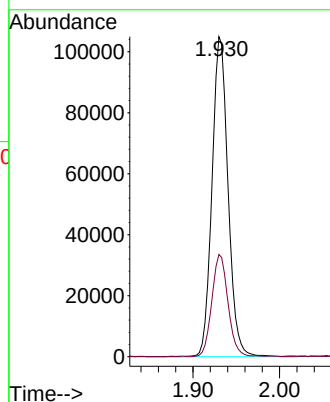
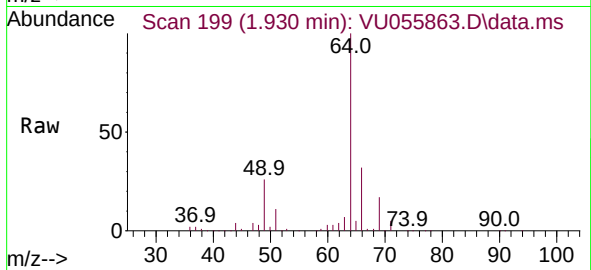




#8
Chloroethane
Concen: 8.614 ug/L
RT: 1.930 min Scan# 199
Delta R.T. -0.003 min
Lab File: VU055863.D
Acq: 24 Oct 2023 10:48

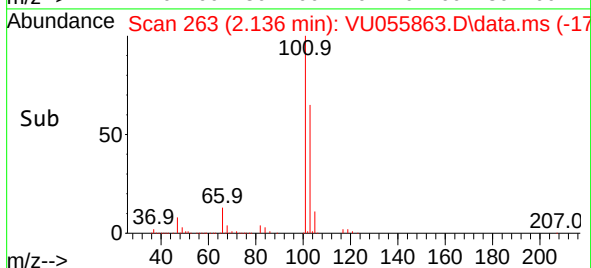
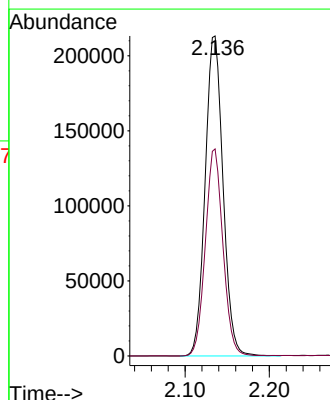
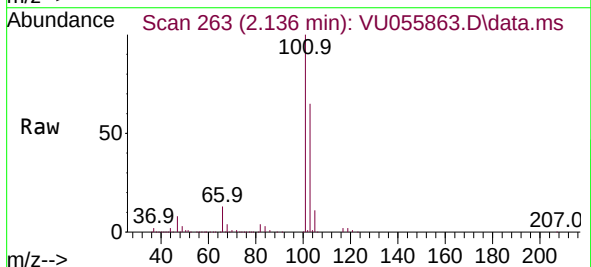
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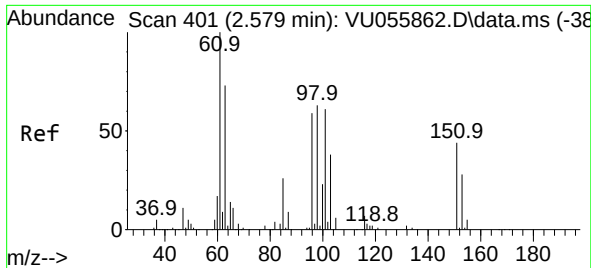
Tgt Ion: 64 Resp: 134735
Ion Ratio Lower Upper
64 100
66 31.9 22.7 42.1



#9
Trichlorofluoromethane
Concen: 9.251 ug/L
RT: 2.136 min Scan# 263
Delta R.T. -0.000 min
Lab File: VU055863.D
Acq: 24 Oct 2023 10:48

Tgt Ion:101 Resp: 315143
Ion Ratio Lower Upper
101 100
103 63.7 52.2 78.2

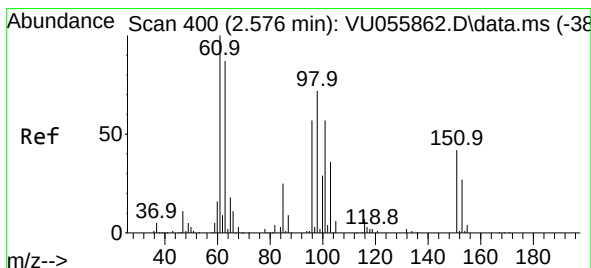
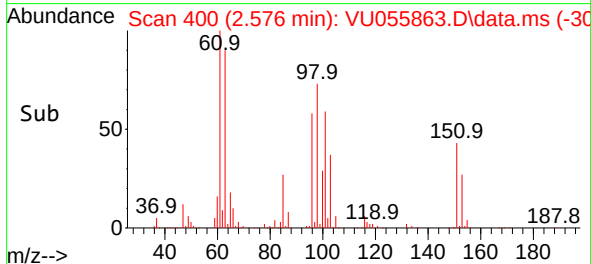
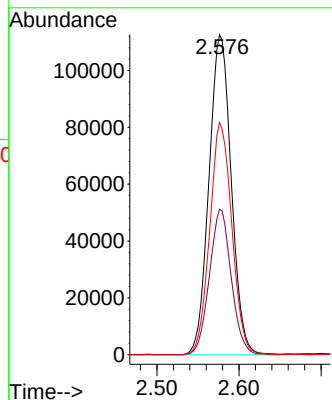
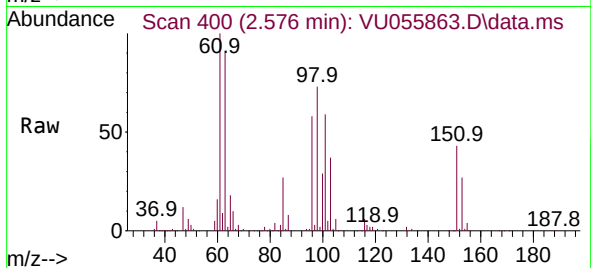




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 11.055 ug/L
 RT: 2.576 min Scan# 401
 Delta R.T. -0.003 min
 Lab File: VU055863.D
 Acq: 24 Oct 2023 10:48

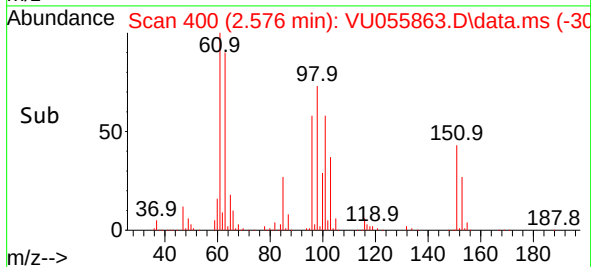
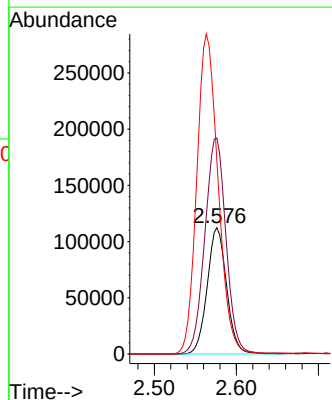
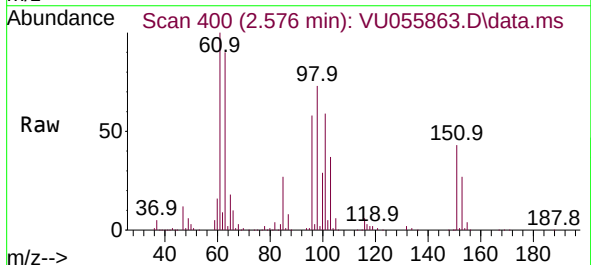
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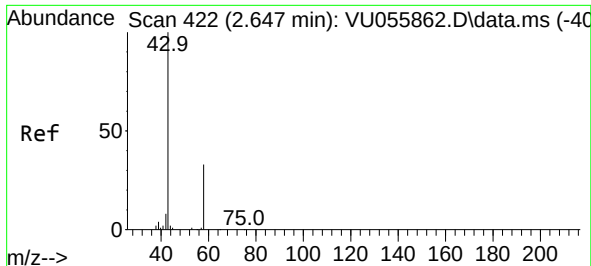
Tgt Ion:101 Resp: 212439
 Ion Ratio Lower Upper
 101 100
 85 44.5 34.4 51.6
 151 72.2 58.4 87.6



#12
 1,1-Dichloroethene
 Concen: 10.992 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. -0.000 min
 Lab File: VU055863.D
 Acq: 24 Oct 2023 10:48

Tgt Ion: 96 Resp: 184809
 Ion Ratio Lower Upper
 96 100
 61 171.1 123.8 230.0
 63 153.2 111.0 206.2





#13

Acetone

Concen: 92.030 ug/L

RT: 2.644 min Scan# 41

Delta R.T. -0.003 min

Lab File: VU055863.D

Acq: 24 Oct 2023 10:48

Instrument :

MSVOA_U

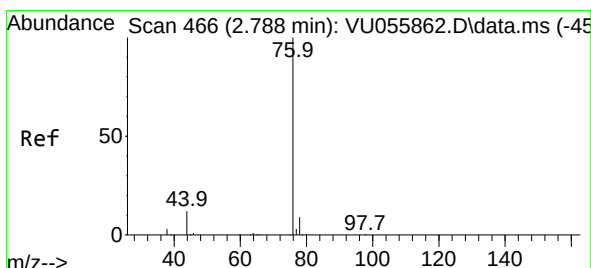
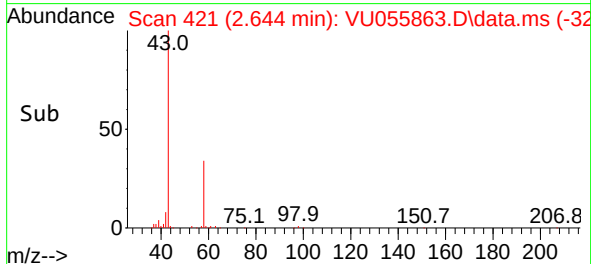
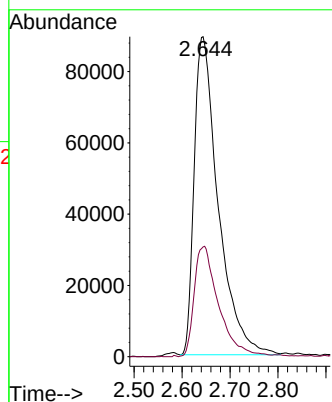
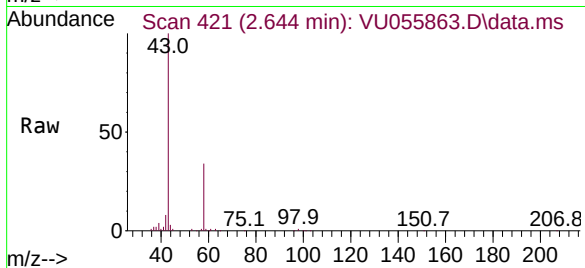
ClientSampleId :

Tgt Ion: 43 Resp: 310287

Ion Ratio Lower Upper

43 100

58 35.2 0.0 69.0



#14

Carbon disulfide

Concen: 10.425 ug/L

RT: 2.788 min Scan# 466

Delta R.T. -0.000 min

Lab File: VU055863.D

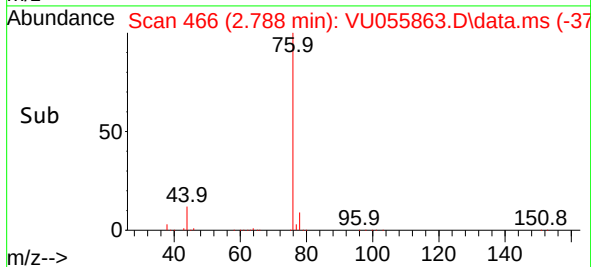
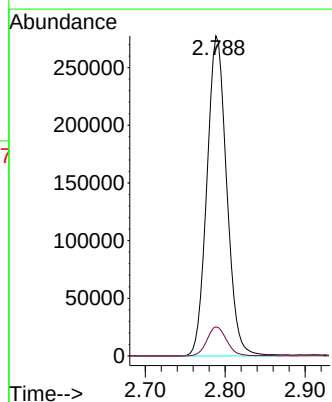
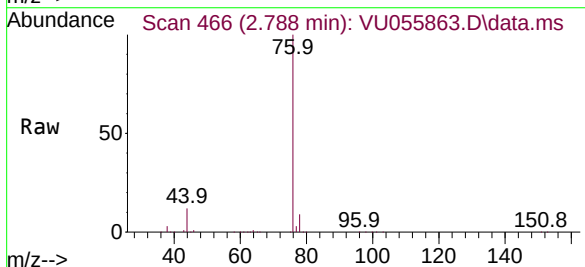
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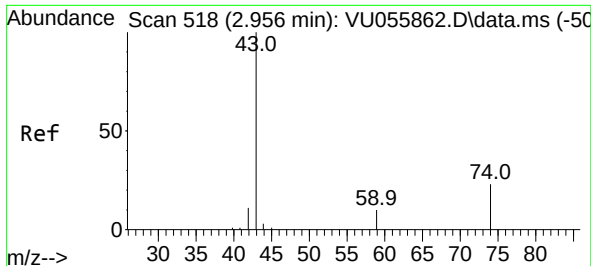
Tgt Ion: 76 Resp: 477591

Ion Ratio Lower Upper

76 100

78 9.1 7.5 11.3

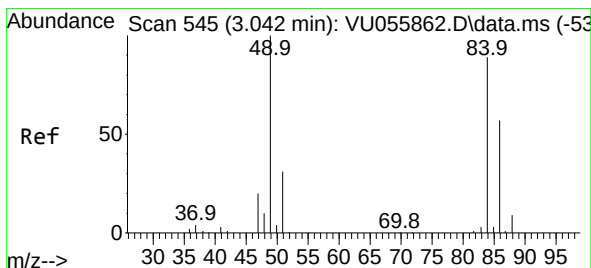
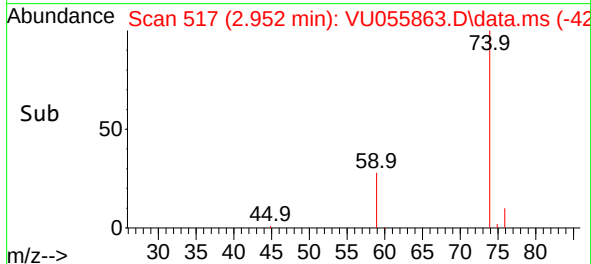
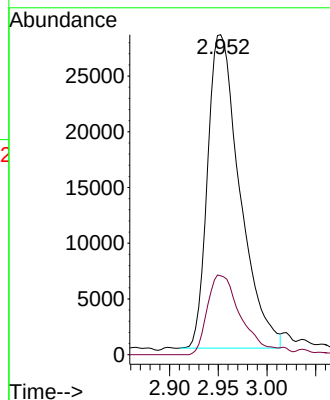
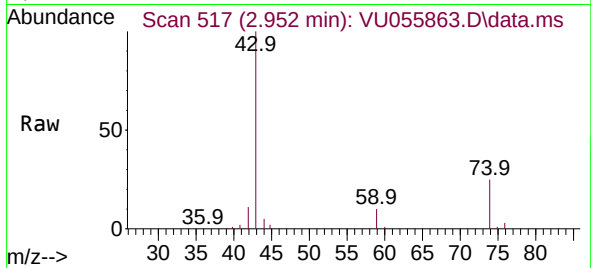




#15
Methyl Acetate
Concen: 9.558 ug/L
RT: 2.952 min Scan# 51
Delta R.T. -0.003 min
Lab File: VU055863.D
Acq: 24 Oct 2023 10:48

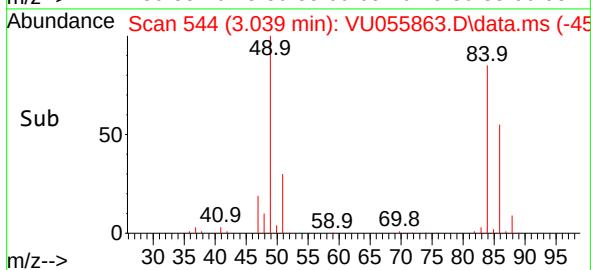
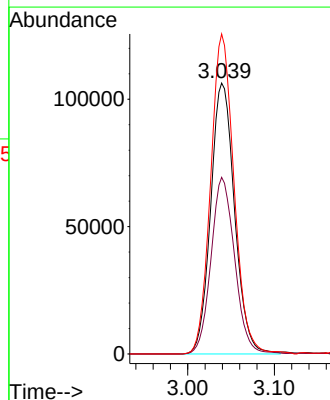
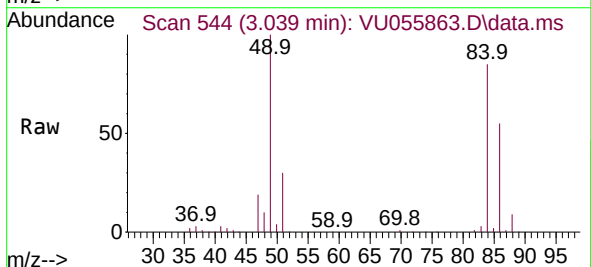
Instrument :
MSVOA_U
ClientSampleId :

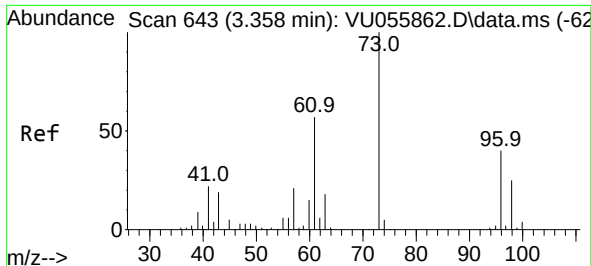
Tgt Ion: 43 Resp: 64775
Ion Ratio Lower Upper
43 100
74 27.1 19.9 29.9



#16
Methylene chloride
Concen: 8.033 ug/L
RT: 3.039 min Scan# 544
Delta R.T. -0.003 min
Lab File: VU055863.D
Acq: 24 Oct 2023 10:48

Tgt Ion: 84 Resp: 203843
Ion Ratio Lower Upper
84 100
86 65.2 45.2 84.0
49 118.1 78.8 146.3

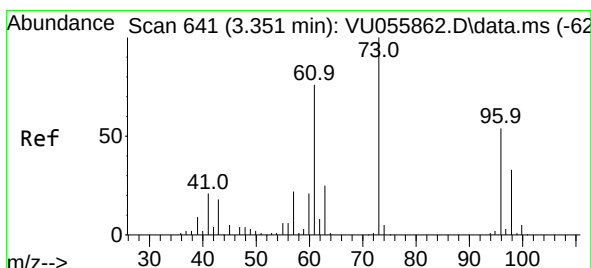
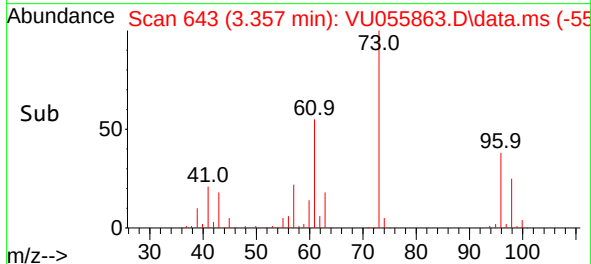
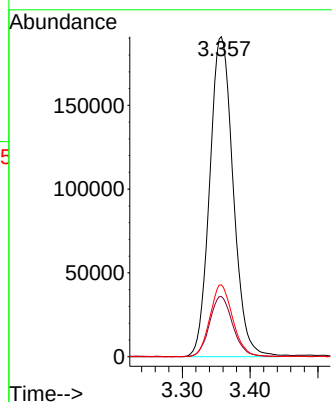
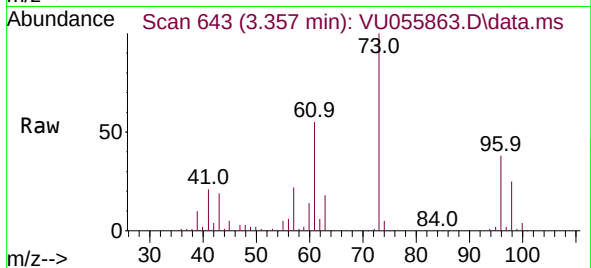




#17
Methyl tert-butyl Ether
Concen: 9.630 ug/L
RT: 3.357 min Scan# 64
Delta R.T. -0.000 min
Lab File: VU055863.D
Acq: 24 Oct 2023 10:48

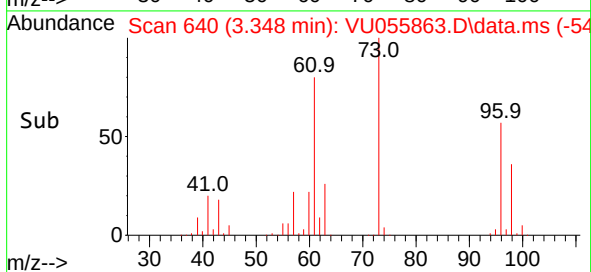
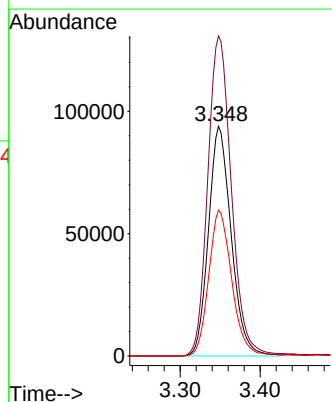
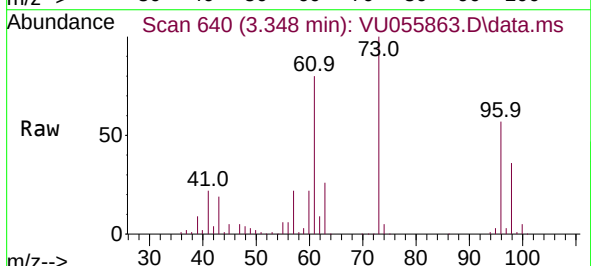
Instrument :
MSVOA_U
ClientSampleId :

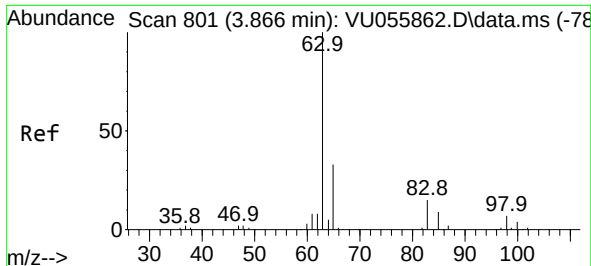
Tgt Ion: 73 Resp: 458859
Ion Ratio Lower Upper
73 100
43 18.6 14.4 21.6
57 21.9 17.0 25.4



#18
trans-1,2-Dichloroethene
Concen: 10.224 ug/L
RT: 3.348 min Scan# 640
Delta R.T. -0.003 min
Lab File: VU055863.D
Acq: 24 Oct 2023 10:48

Tgt Ion: 96 Resp: 185486
Ion Ratio Lower Upper
96 100
61 139.2 97.5 181.1
98 63.4 42.7 79.3





#19

1,1-Dichloroethane

Concen: 10.043 ug/L

RT: 3.862 min Scan# 801

Delta R.T. -0.003 min

Lab File: VU055863.D

Acq: 24 Oct 2023 10:48

Instrument :

MSVOA_U

ClientSampleId :

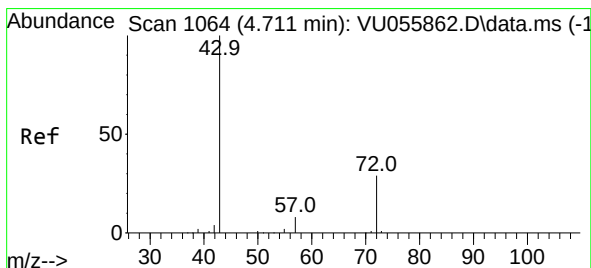
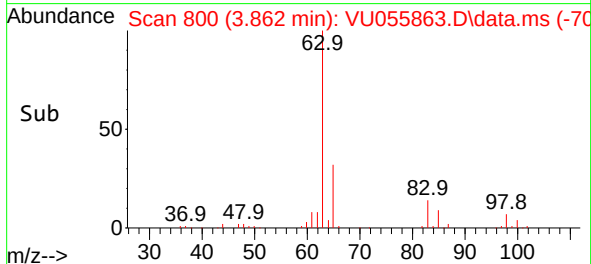
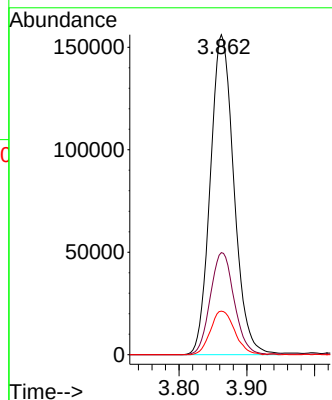
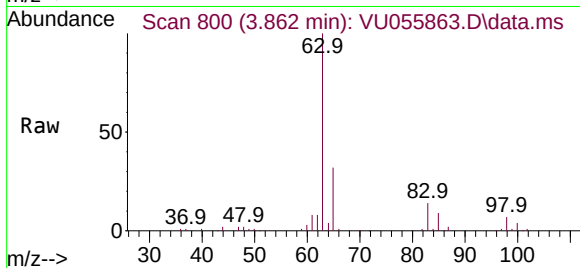
Tgt Ion: 63 Resp: 378056

Ion Ratio Lower Upper

63 100

65 31.9 23.3 43.3

83 13.6 10.5 19.5



#21

2-Butanone

Concen: 93.731 ug/L

RT: 4.708 min Scan# 1063

Delta R.T. -0.003 min

Lab File: VU055863.D

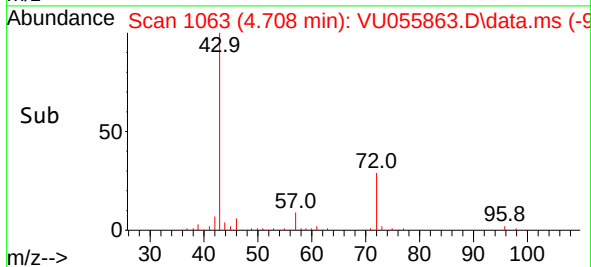
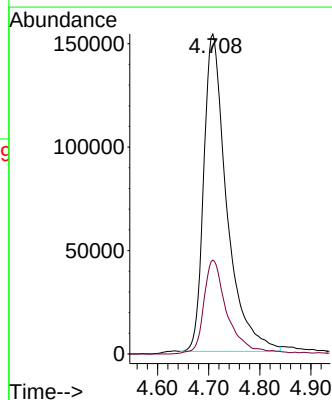
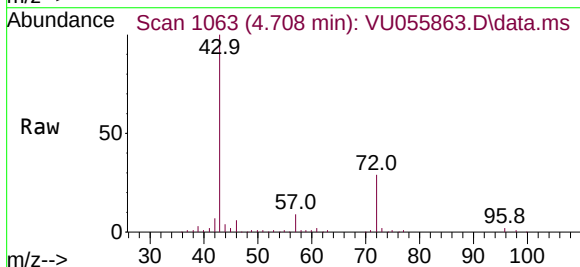
Acq: 24 Oct 2023 10:48

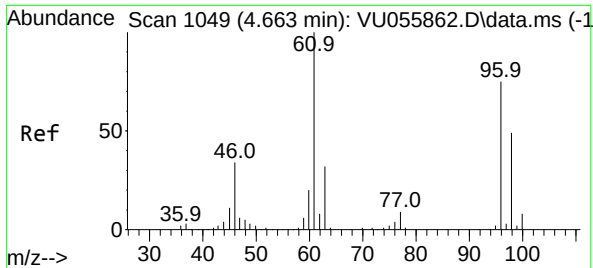
Tgt Ion: 43 Resp: 481212

Ion Ratio Lower Upper

43 100

72 29.8 14.4 43.4

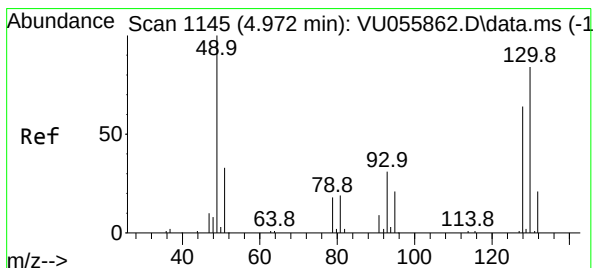
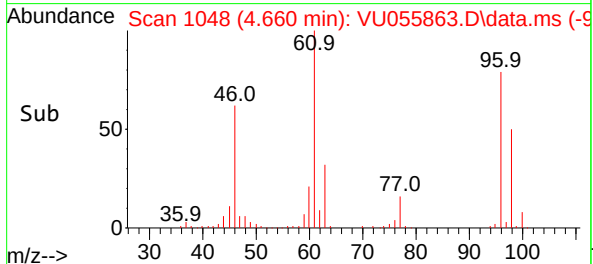
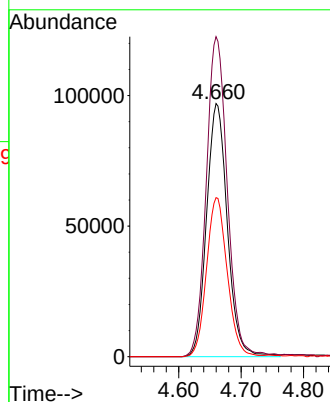
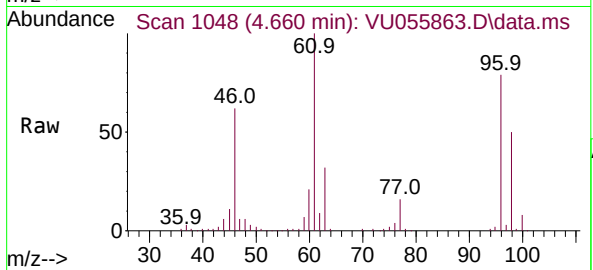




#22
 cis-1,2-Dichloroethene
 Concen: 10.557 ug/L
 RT: 4.660 min Scan# 1104
 Delta R.T. -0.003 min
 Lab File: VU055863.D
 Acq: 24 Oct 2023 10:48

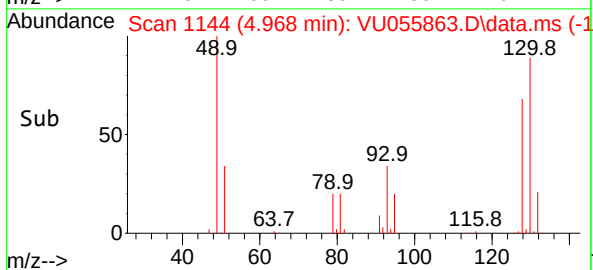
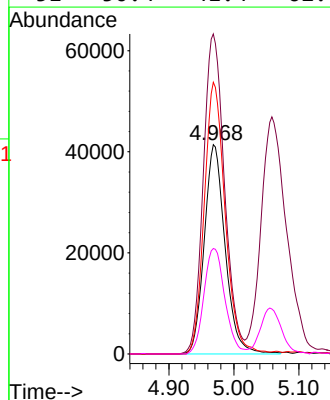
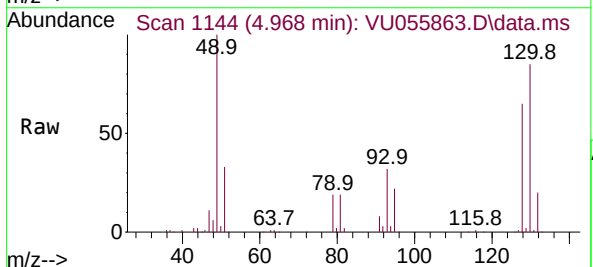
Instrument :
 MSVOA_U
 ClientSampleId :

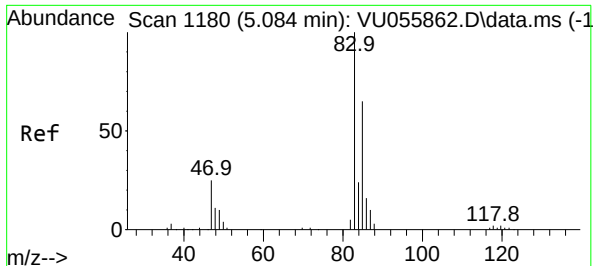
Tgt Ion: 96 Resp: 224377
 Ion Ratio Lower Upper
 96 100
 61 126.4 93.8 174.2
 98 62.8 45.6 84.8



#23
 Bromochloromethane
 Concen: 10.015 ug/L
 RT: 4.968 min Scan# 1144
 Delta R.T. -0.003 min
 Lab File: VU055863.D
 Acq: 24 Oct 2023 10:48

Tgt Ion: 128 Resp: 92559
 Ion Ratio Lower Upper
 128 100
 49 152.9 108.7 201.9
 130 129.8 91.5 169.9
 51 50.4 41.4 62.0





#25

Chloroform

Concen: 9.811 ug/L

RT: 5.081 min Scan# 1180

Delta R.T. -0.003 min

Lab File: VU055863.D

Acq: 24 Oct 2023 10:48

Instrument :

MSVOA_U

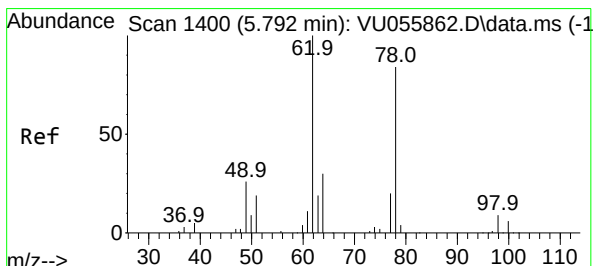
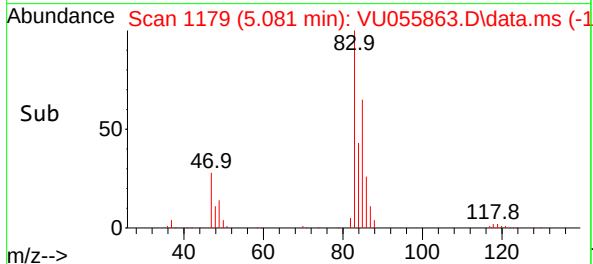
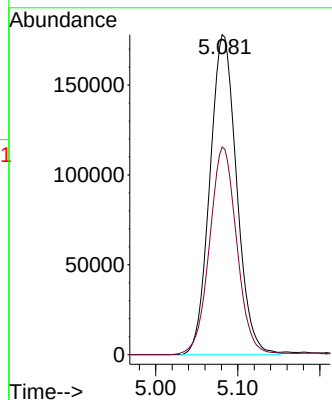
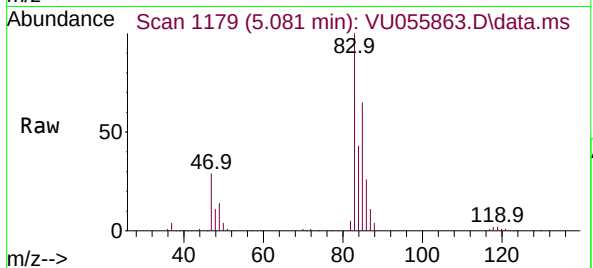
ClientSampleId :

Tgt Ion: 83 Resp: 403900

Ion Ratio Lower Upper

83 100

85 64.9 45.6 84.8



#27

1,2-Dichloroethane

Concen: 9.366 ug/L

RT: 5.788 min Scan# 1399

Delta R.T. -0.003 min

Lab File: VU055863.D

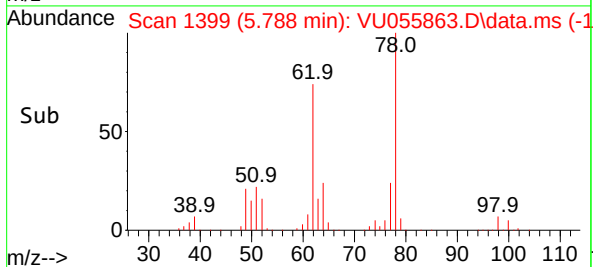
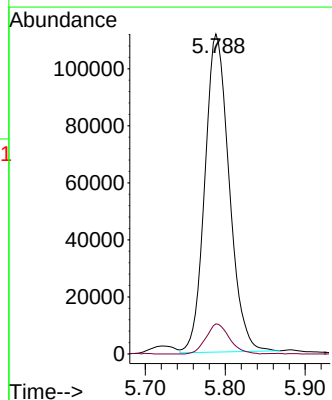
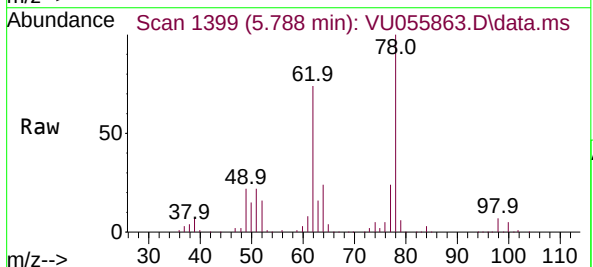
Acq: 24 Oct 2023 10:48

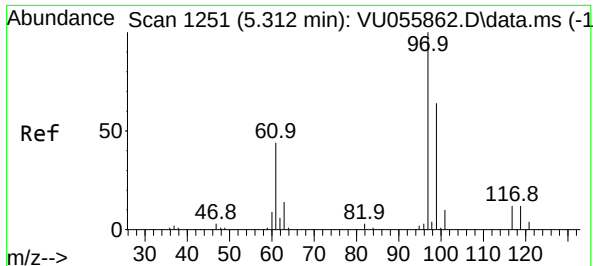
Tgt Ion: 62 Resp: 235849

Ion Ratio Lower Upper

62 100

98 9.4 7.4 11.2

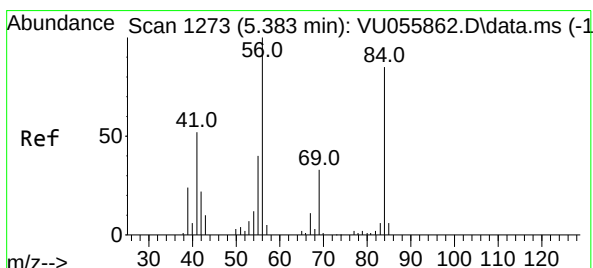
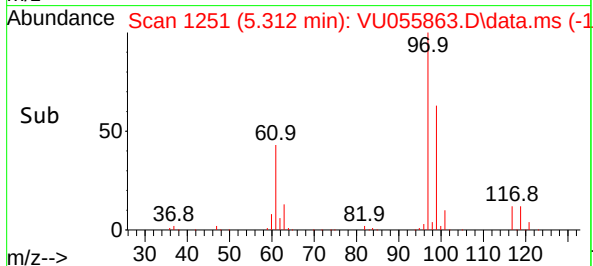
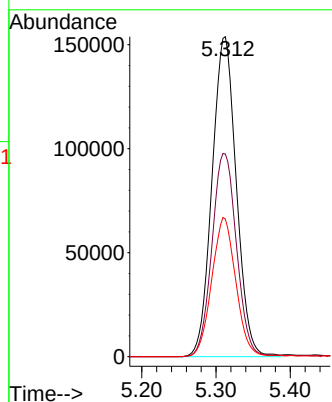
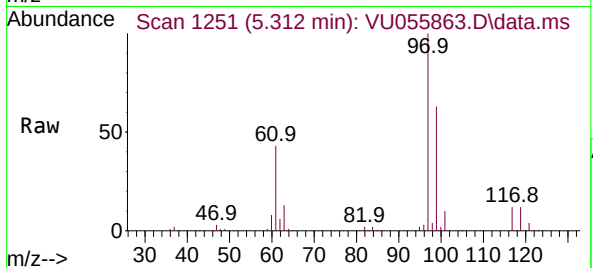




#29
1,1,1-Trichloroethane
Concen: 9.774 ug/L
RT: 5.312 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VU055863.D
Acq: 24 Oct 2023 10:48

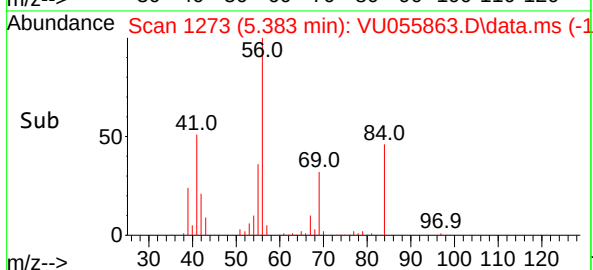
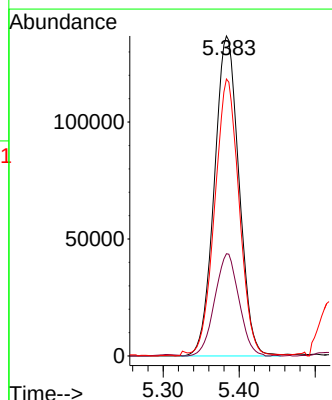
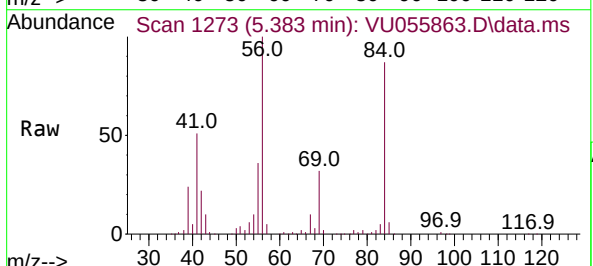
Instrument :
MSVOA_U
ClientSampleId :

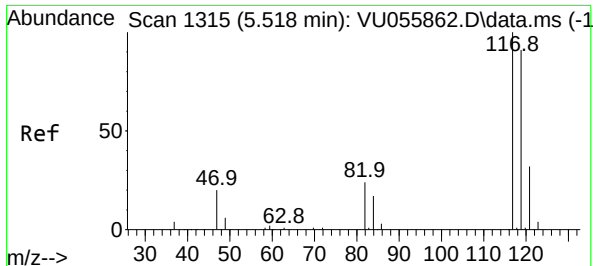
Tgt Ion: 97 Resp: 349330
Ion Ratio Lower Upper
97 100
99 64.3 50.8 76.2
61 43.1 35.0 52.4



#30
Cyclohexane
Concen: 9.921 ug/L
RT: 5.383 min Scan# 1273
Delta R.T. -0.000 min
Lab File: VU055863.D
Acq: 24 Oct 2023 10:48

Tgt Ion: 56 Resp: 308096
Ion Ratio Lower Upper
56 100
69 31.4 25.4 38.2
84 84.6 71.0 106.6

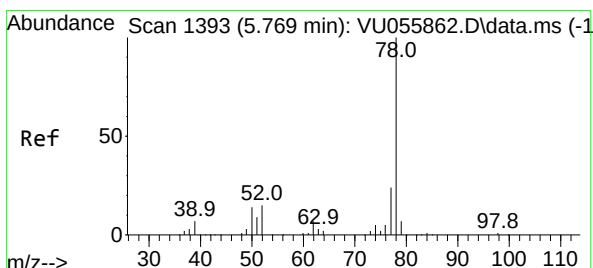
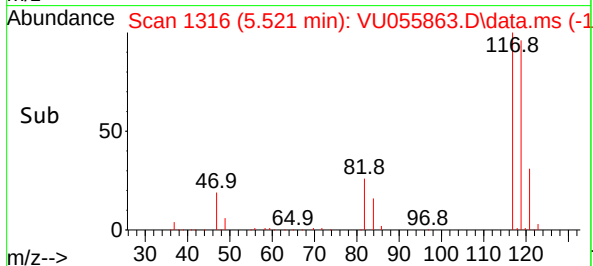
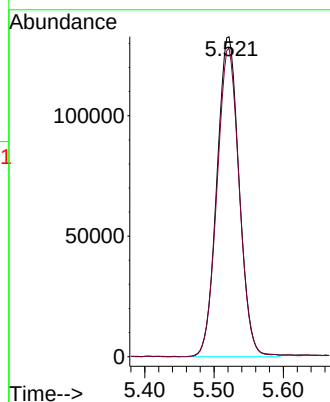
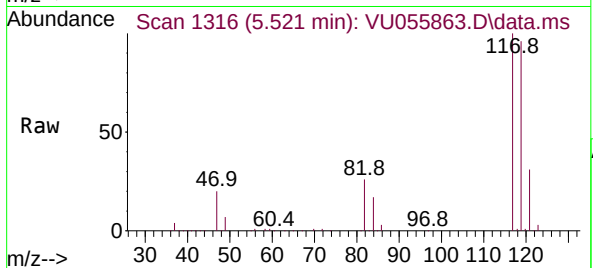




#31
Carbon tetrachloride
Concen: 9.759 ug/L
RT: 5.521 min Scan# 1315
Delta R.T. 0.003 min
Lab File: VU055863.D
Acq: 24 Oct 2023 10:48

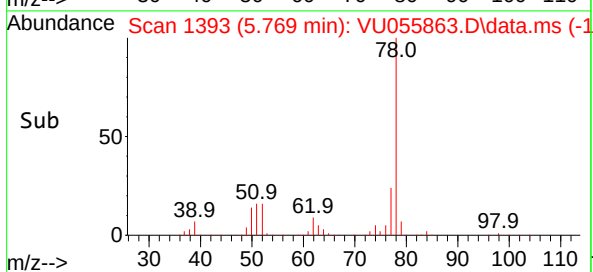
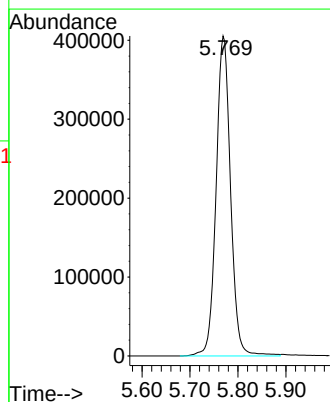
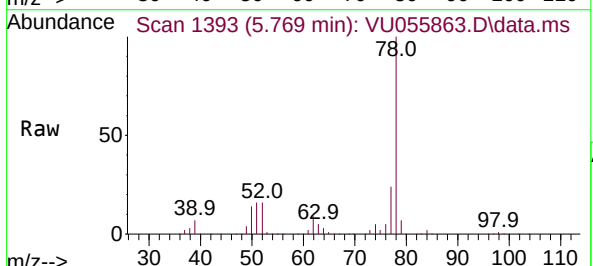
Instrument :
MSVOA_U
ClientSampleId :

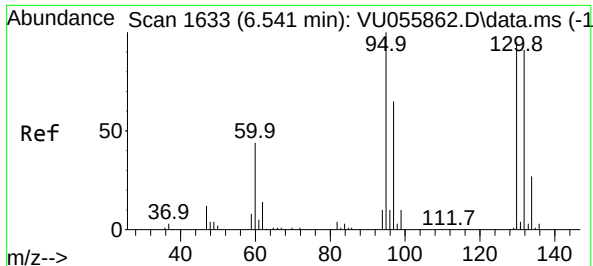
Tgt Ion:117 Resp: 296278
Ion Ratio Lower Upper
117 100
119 96.1 75.1 112.7



#33
Benzene
Concen: 10.014 ug/L
RT: 5.769 min Scan# 1393
Delta R.T. -0.000 min
Lab File: VU055863.D
Acq: 24 Oct 2023 10:48

Tgt Ion: 78 Resp: 849716





#34

Trichloroethene

Concen: 9.862 ug/L

RT: 6.537 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU055863.D

Acq: 24 Oct 2023 10:48

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 230670

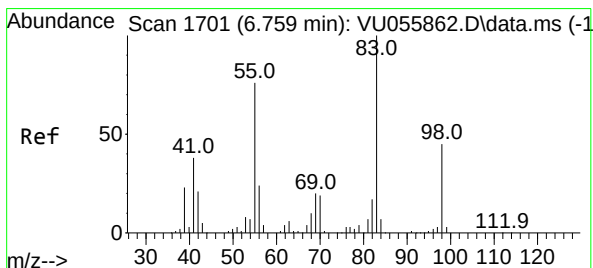
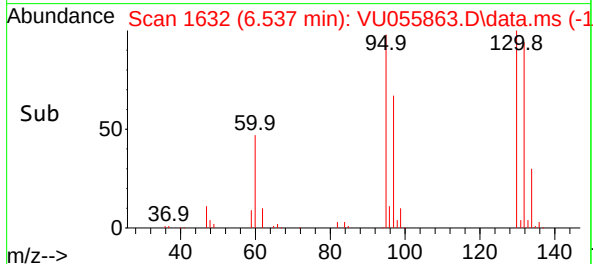
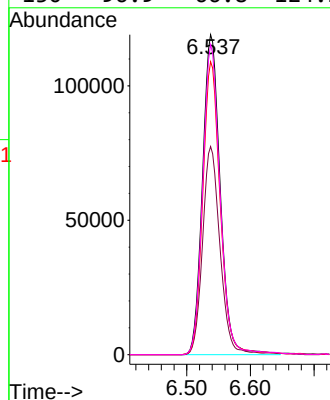
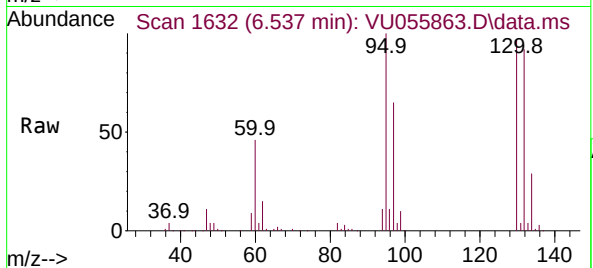
Ion Ratio Lower Upper

95 100

97 65.0 45.4 84.2

132 91.6 63.9 118.7

130 96.9 66.8 124.2



#35

Methylcyclohexane

Concen: 9.815 ug/L

RT: 6.759 min Scan# 1701

Delta R.T. -0.000 min

Lab File: VU055863.D

Acq: 24 Oct 2023 10:48

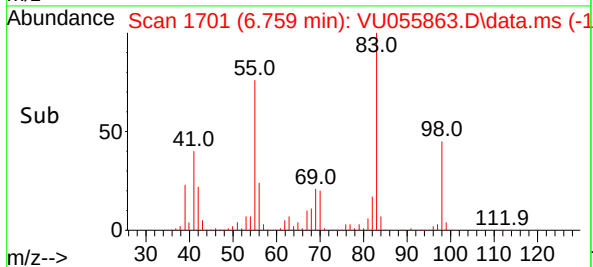
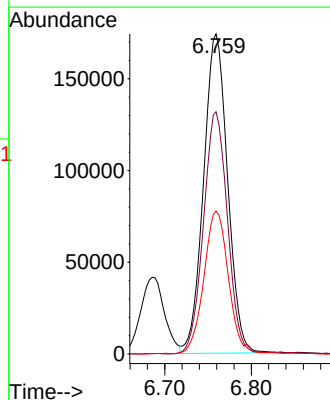
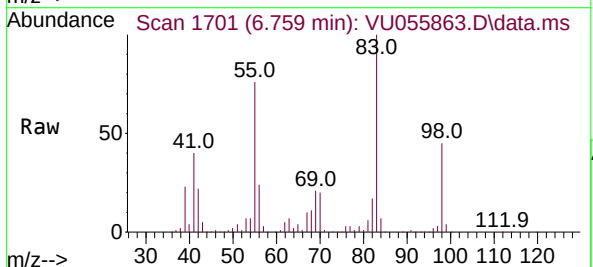
Tgt Ion: 83 Resp: 335461

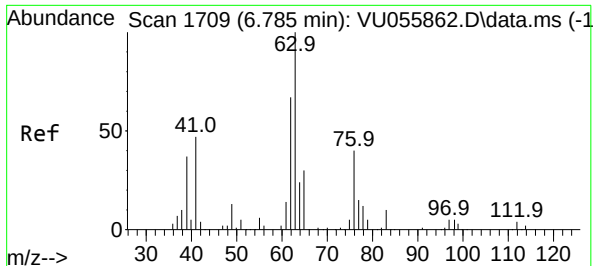
Ion Ratio Lower Upper

83 100

55 75.9 62.4 93.6

98 45.6 37.4 56.2





#37

1,2-Dichloropropane

Concen: 9.502 ug/L

RT: 6.785 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU055863.D

Acq: 24 Oct 2023 10:48

Instrument :

MSVOA_U

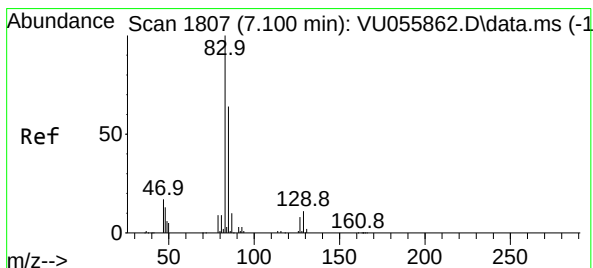
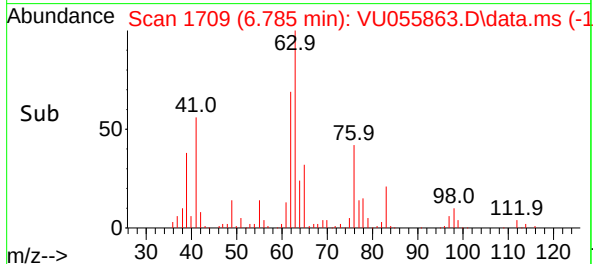
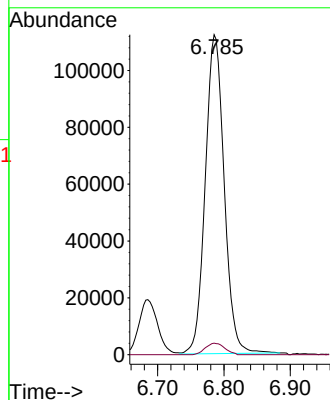
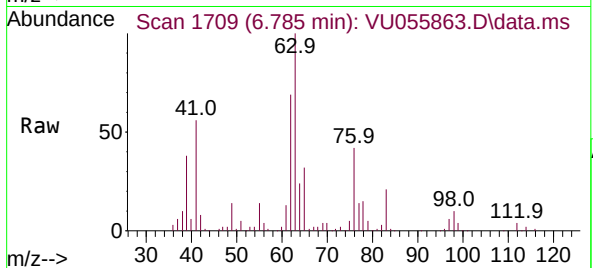
ClientSampleId :

Tgt Ion: 63 Resp: 222606

Ion Ratio Lower Upper

63 100

112 3.7 3.1 4.7



#38

Bromodichloromethane

Concen: 9.675 ug/L

RT: 7.100 min Scan# 1807

Delta R.T. -0.000 min

Lab File: VU055863.D

Acq: 24 Oct 2023 10:48

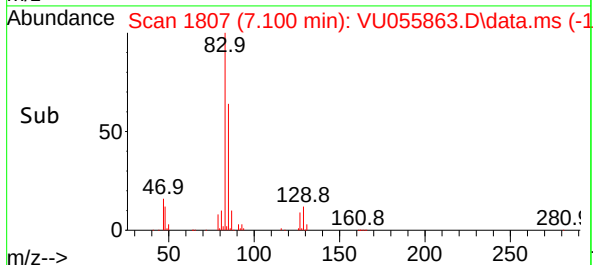
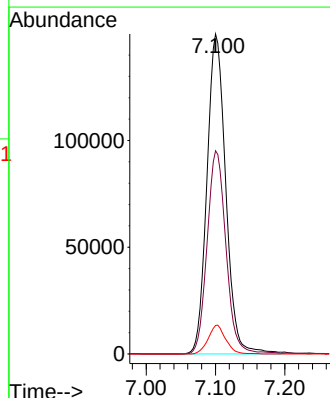
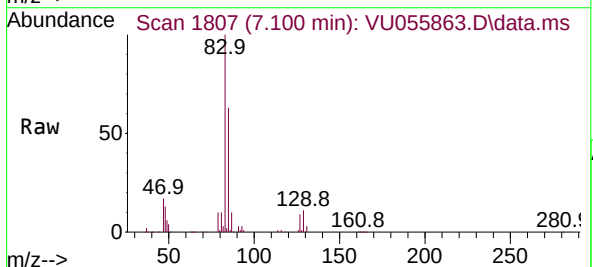
Tgt Ion: 83 Resp: 282290

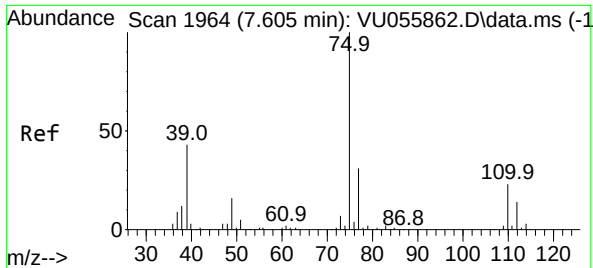
Ion Ratio Lower Upper

83 100

85 63.5 44.9 83.3

127 8.9 6.6 9.8





#39

cis-1,3-Dichloropropene

Concen: 10.020 ug/L

RT: 7.602 min Scan# 1964

Delta R.T. -0.003 min

Lab File: VU055863.D

Acq: 24 Oct 2023 10:48

Instrument :

MSVOA_U

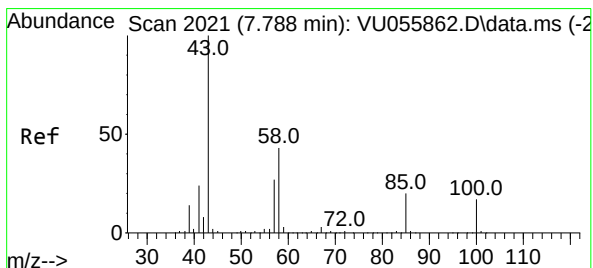
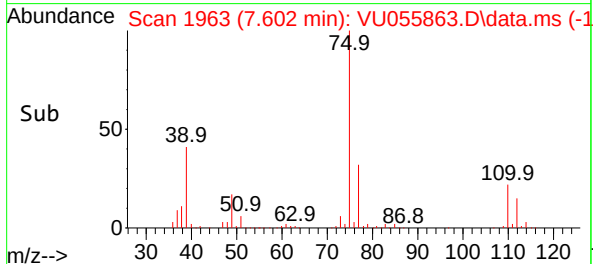
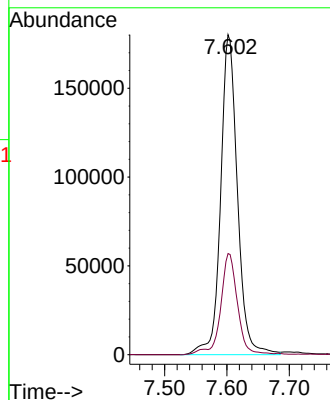
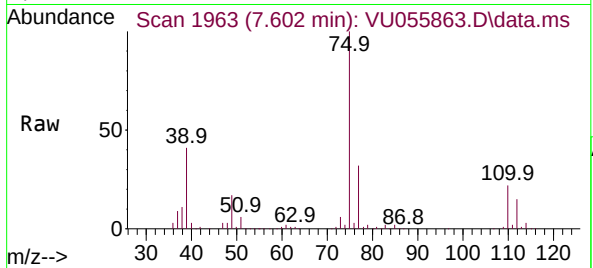
ClientSampleId :

Tgt Ion: 75 Resp: 336682

Ion Ratio Lower Upper

75 100

77 31.6 21.7 40.3



#40

4-Methyl-2-pentanone

Concen: 88.388 ug/L

RT: 7.785 min Scan# 2020

Delta R.T. -0.003 min

Lab File: VU055863.D

Acq: 24 Oct 2023 10:48

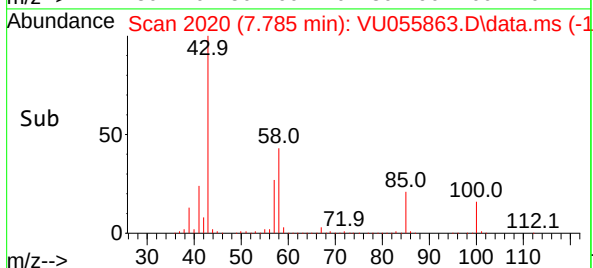
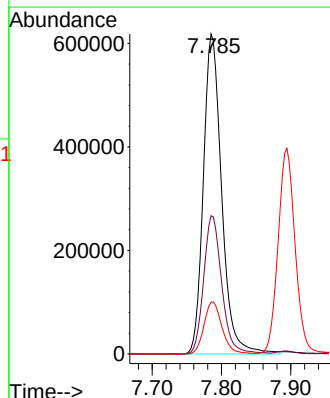
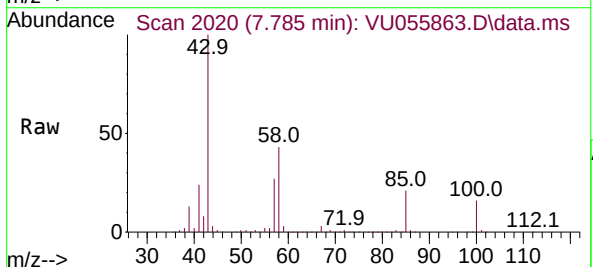
Tgt Ion: 43 Resp: 1132878

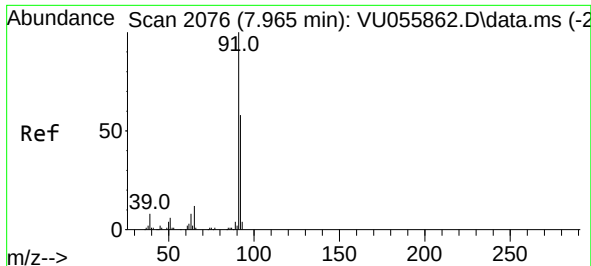
Ion Ratio Lower Upper

43 100

58 42.7 34.0 51.0

100 16.1 13.0 19.6





#42

Toluene

Concen: 9.730 ug/L

RT: 7.965 min Scan# 2076

Delta R.T. -0.000 min

Lab File: VU055863.D

Acq: 24 Oct 2023 10:48

Instrument :

MSVOA_U

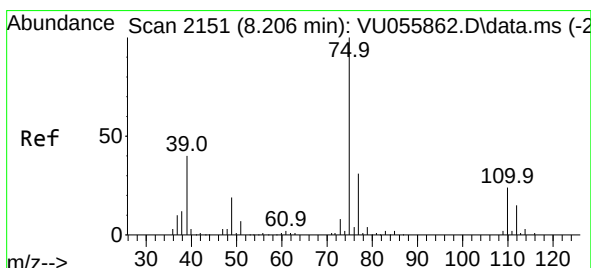
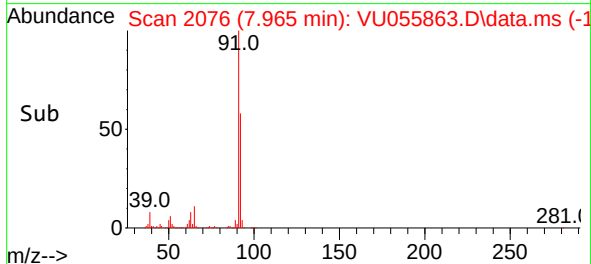
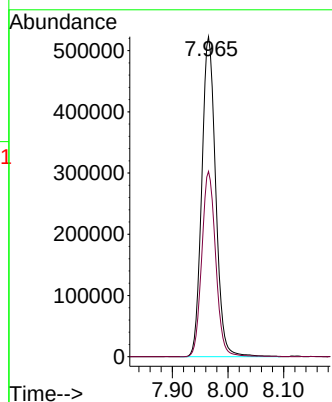
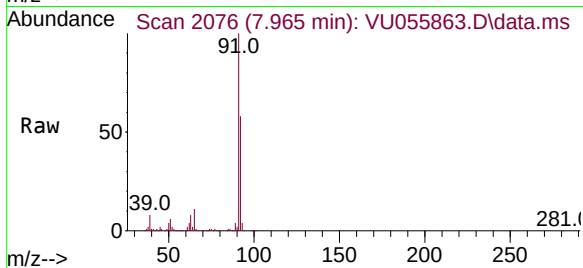
ClientSampleId :

Tgt Ion: 91 Resp: 907711

Ion Ratio Lower Upper

91 100

92 57.9 40.6 75.4



#44

trans-1,3-Dichloropropene

Concen: 9.758 ug/L

RT: 8.206 min Scan# 2151

Delta R.T. -0.000 min

Lab File: VU055863.D

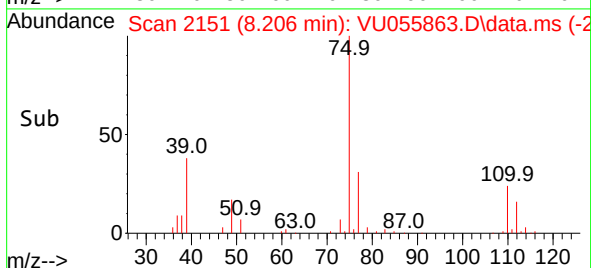
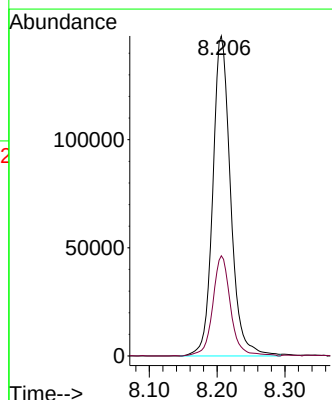
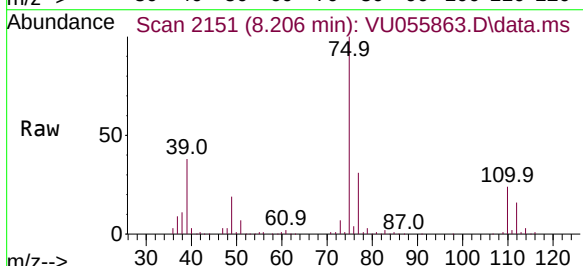
Acq: 24 Oct 2023 10:48

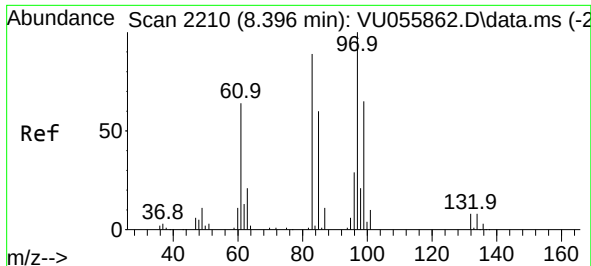
Tgt Ion: 75 Resp: 270441

Ion Ratio Lower Upper

75 100

77 31.3 21.7 40.3





#45

1,1,2-Trichloroethane

Concen: 9.915 ug/L

RT: 8.396 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU055863.D

Acq: 24 Oct 2023 10:48

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 97 Resp: 156982

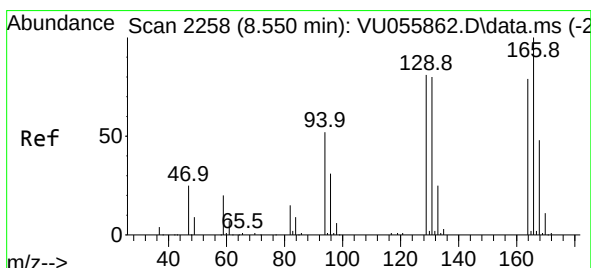
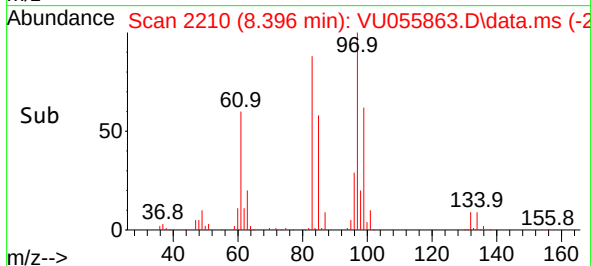
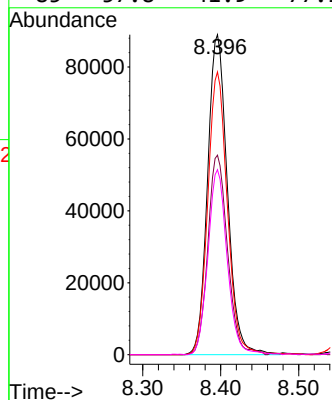
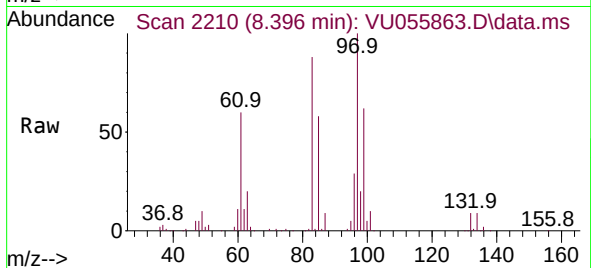
Ion Ratio Lower Upper

97 100

99 62.4 45.3 84.1

83 88.4 61.9 115.1

85 57.8 41.9 77.9



#47

Tetrachloroethene

Concen: 9.792 ug/L

RT: 8.550 min Scan# 2258

Delta R.T. -0.000 min

Lab File: VU055863.D

Acq: 24 Oct 2023 10:48

Tgt Ion: 164 Resp: 165172

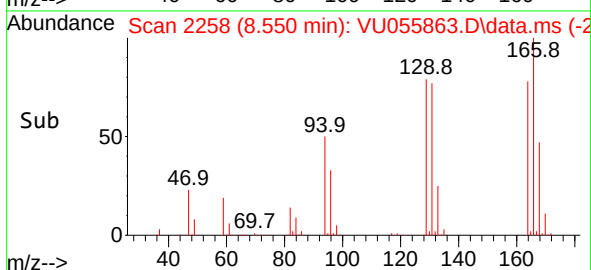
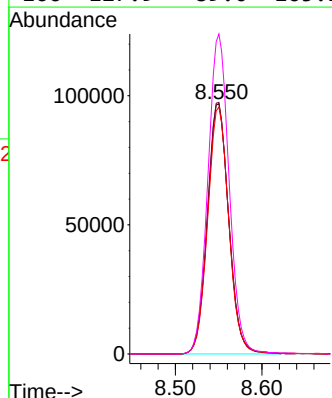
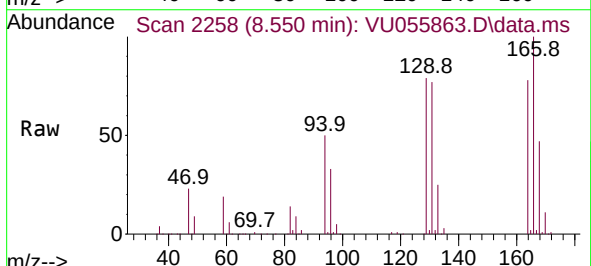
Ion Ratio Lower Upper

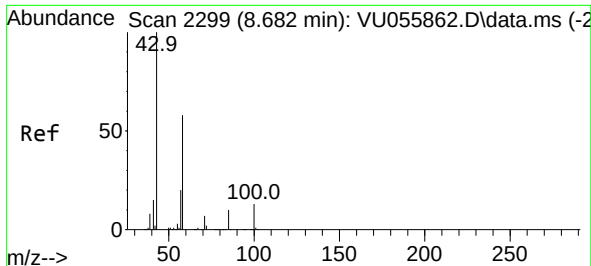
164 100

129 100.6 72.2 134.0

131 98.7 70.8 131.6

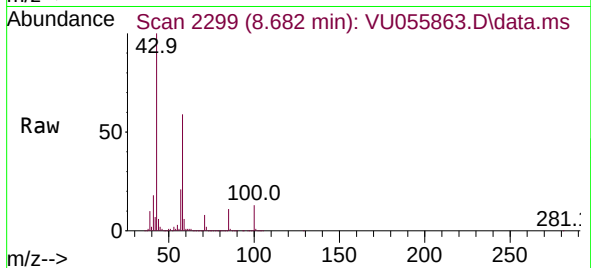
166 127.9 89.0 165.2



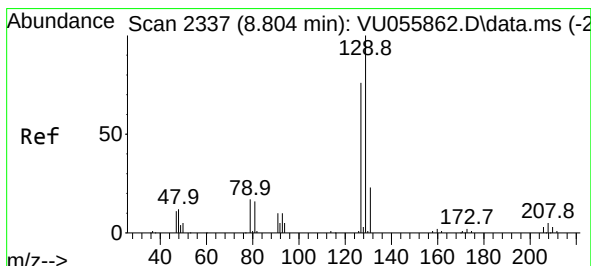
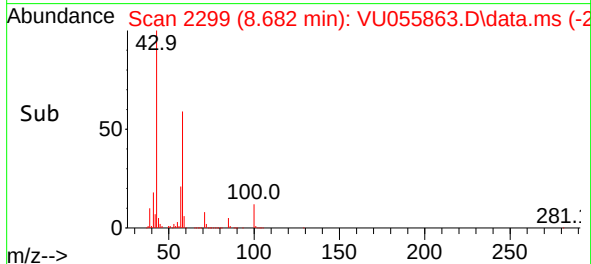
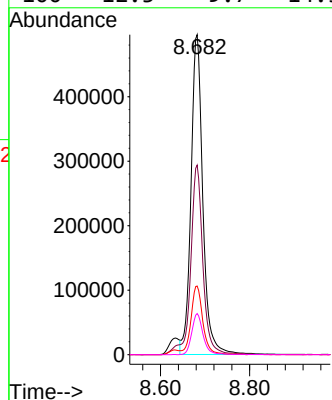


#48
2-Hexanone
Concen: 95.311 ug/L
RT: 8.682 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU055863.D
Acq: 24 Oct 2023 10:48

Instrument :
MSVOA_U
ClientSampleId :

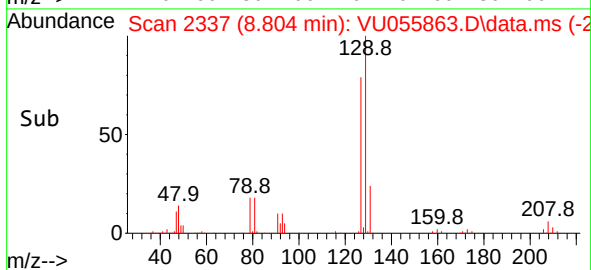
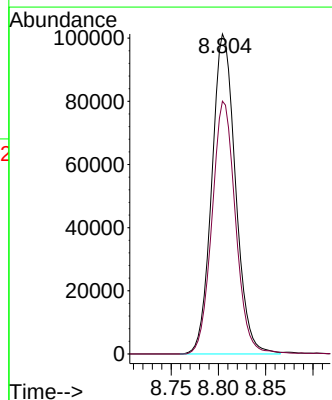
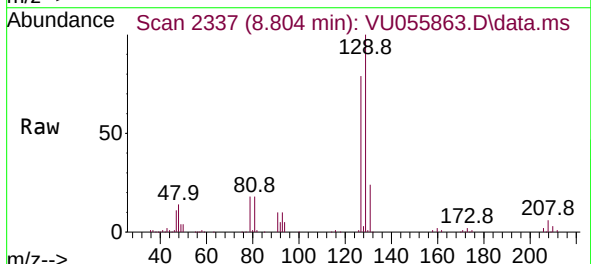


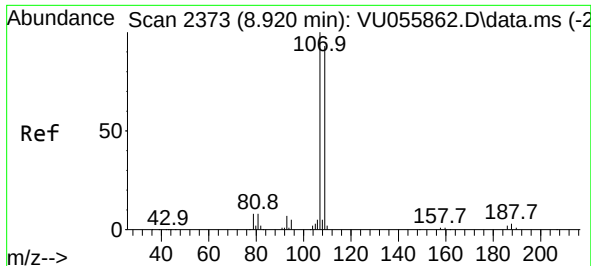
Tgt Ion: 43 Resp: 918063
Ion Ratio Lower Upper
43 100
58 61.0 49.5 74.3
57 21.7 16.9 25.3
100 12.3 9.7 14.5



#49
Dibromochloromethane
Concen: 9.532 ug/L
RT: 8.804 min Scan# 2337
Delta R.T. -0.000 min
Lab File: VU055863.D
Acq: 24 Oct 2023 10:48

Tgt Ion: 129 Resp: 176380
Ion Ratio Lower Upper
129 100
127 79.0 53.5 99.5

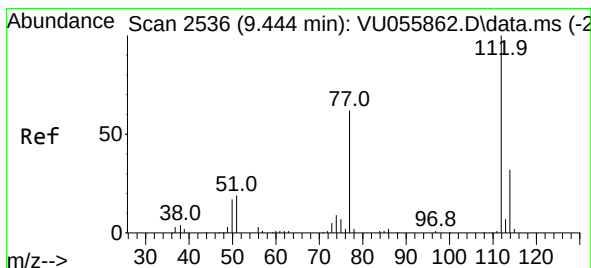
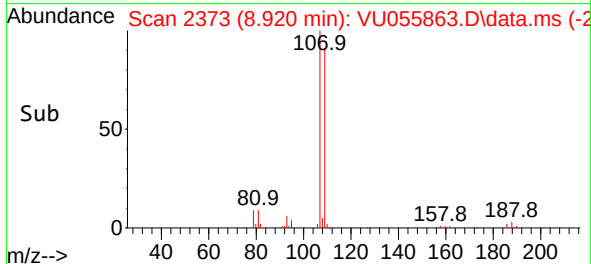
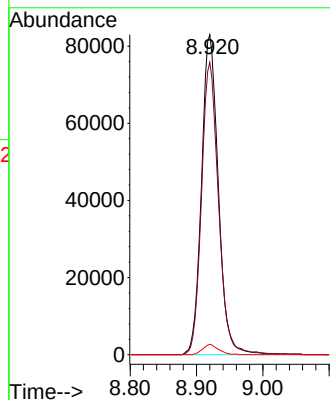
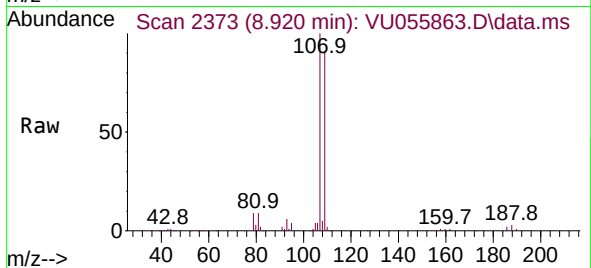




#50
1,2-Dibromoethane
Concen: 9.630 ug/L
RT: 8.920 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU055863.D
Acq: 24 Oct 2023 10:48

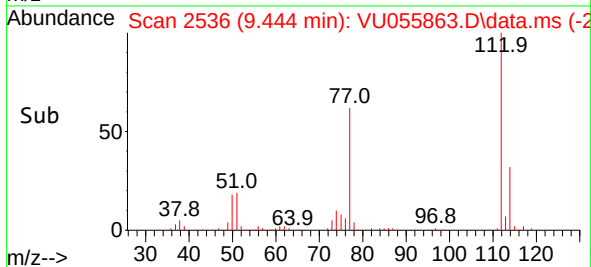
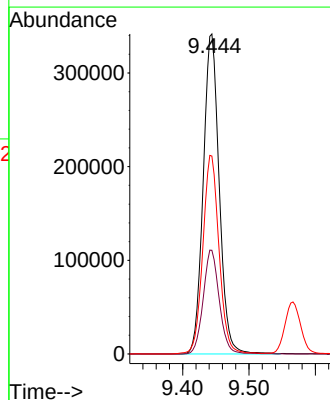
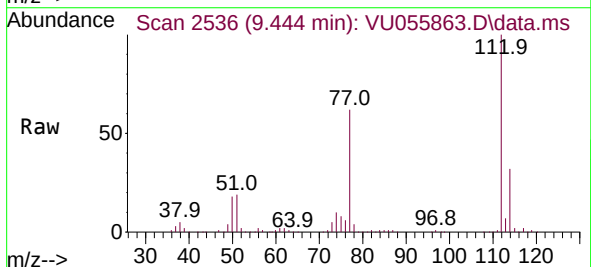
Instrument :
MSVOA_U
ClientSampleId :

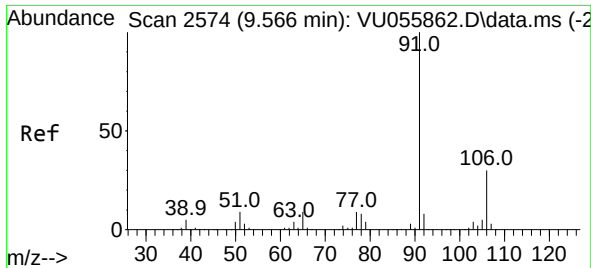
Tgt Ion:107 Resp: 146636
Ion Ratio Lower Upper
107 100
109 91.3 65.0 120.6
188 3.3 2.5 3.7



#51
Chlorobenzene
Concen: 9.438 ug/L
RT: 9.444 min Scan# 2536
Delta R.T. -0.000 min
Lab File: VU055863.D
Acq: 24 Oct 2023 10:48

Tgt Ion:112 Resp: 572876
Ion Ratio Lower Upper
112 100
114 32.4 22.3 41.5
77 61.8 49.9 74.9

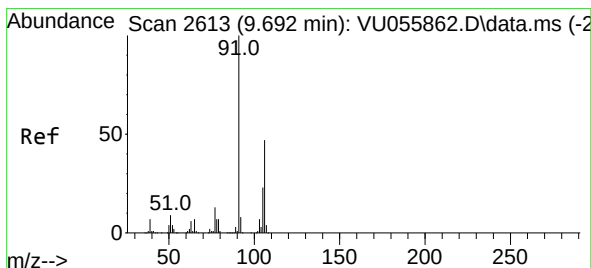
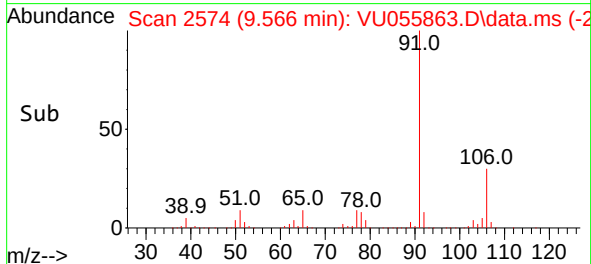
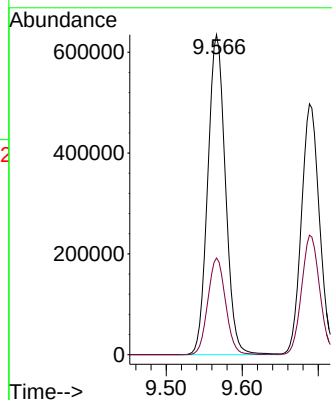
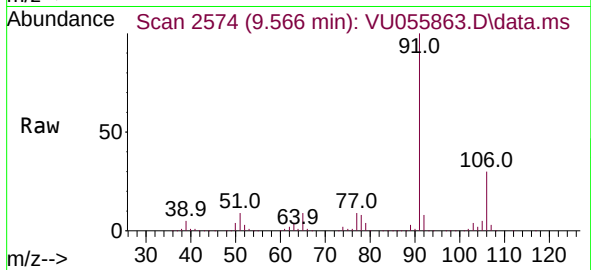




#52
Ethylbenzene
Concen: 9.770 ug/L
RT: 9.566 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU055863.D
Acq: 24 Oct 2023 10:48

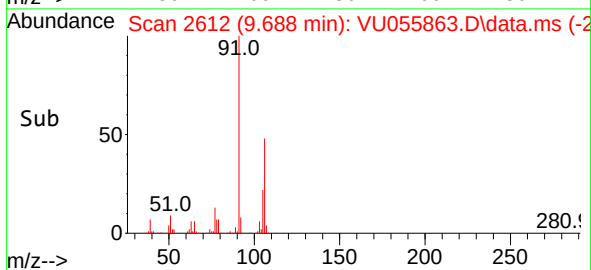
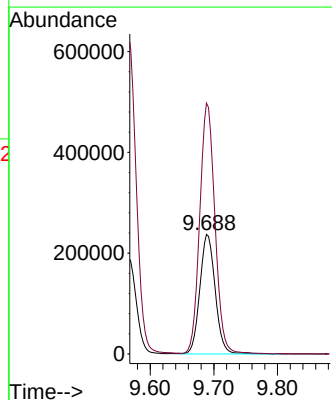
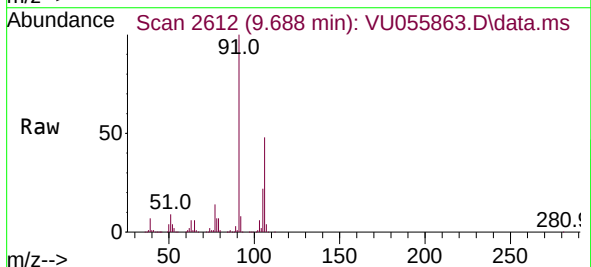
Instrument :
MSVOA_U
ClientSampleId :

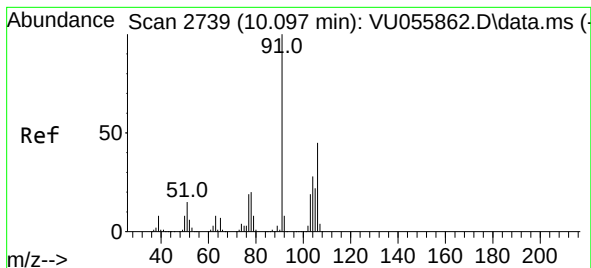
Tgt Ion: 91 Resp: 1023563
Ion Ratio Lower Upper
91 100
106 30.2 21.3 39.5



#53
m,p-Xylene
Concen: 10.108 ug/L
RT: 9.688 min Scan# 2612
Delta R.T. -0.003 min
Lab File: VU055863.D
Acq: 24 Oct 2023 10:48

Tgt Ion:106 Resp: 397030
Ion Ratio Lower Upper
106 100
91 210.0 150.4 279.2





#54

o-Xylene

Concen: 10.058 ug/L

RT: 10.097 min Scan# 2739

Delta R.T. -0.000 min

Lab File: VU055863.D

Acq: 24 Oct 2023 10:48

Instrument :

MSVOA_U

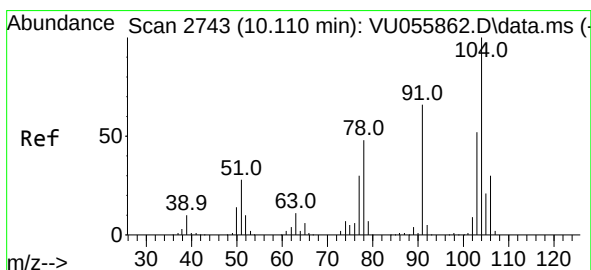
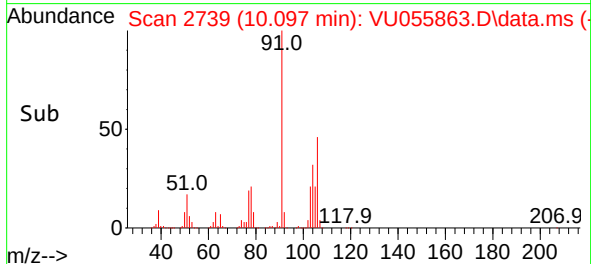
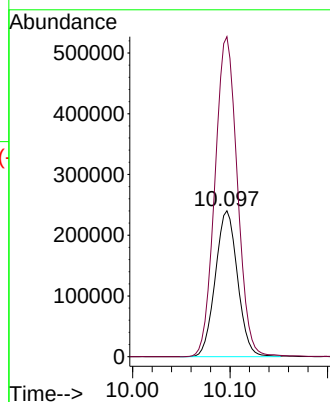
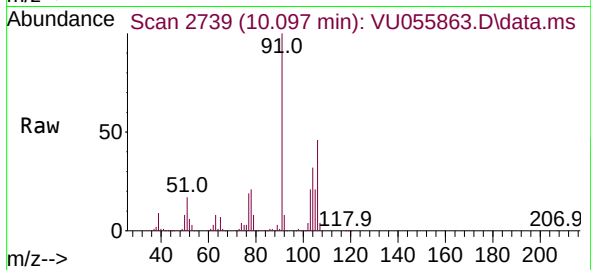
ClientSampleId :

Tgt Ion:106 Resp: 380580

Ion Ratio Lower Upper

106 100

91 219.2 154.6 287.2



#55

Styrene

Concen: 10.387 ug/L

RT: 10.110 min Scan# 2743

Delta R.T. -0.000 min

Lab File: VU055863.D

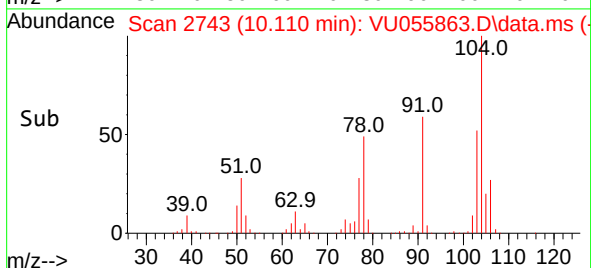
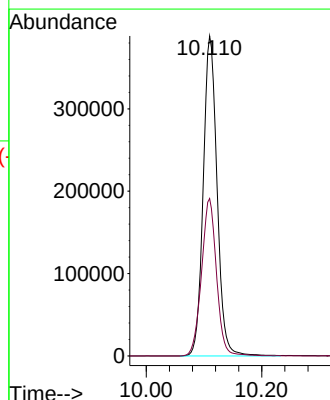
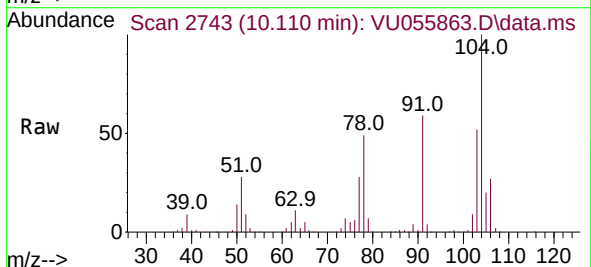
Acq: 24 Oct 2023 10:48

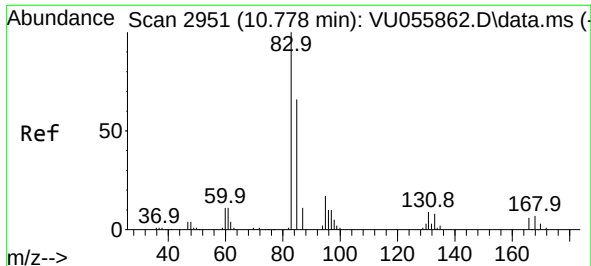
Tgt Ion:104 Resp: 646809

Ion Ratio Lower Upper

104 100

78 49.2 33.9 63.0

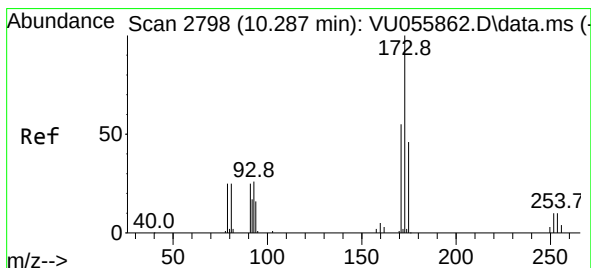
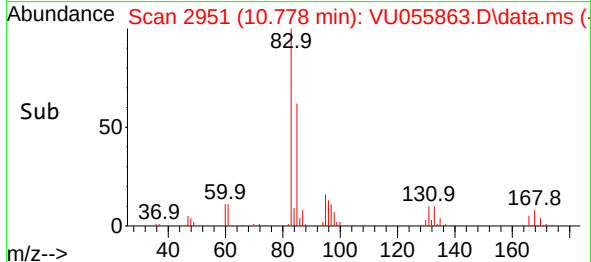
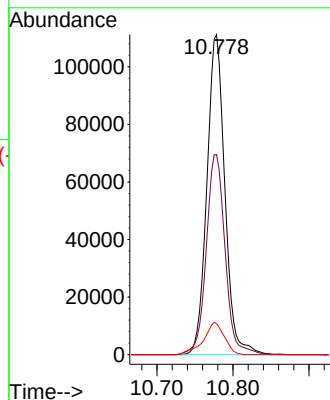
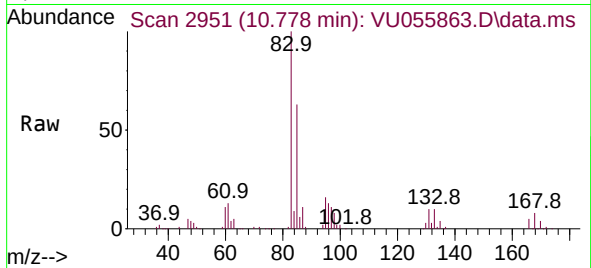




#57
1,1,2,2-Tetrachloroethane
Concen: 9.361 ug/L
RT: 10.778 min Scan# 2951
Delta R.T. -0.000 min
Lab File: VU055863.D
Acq: 24 Oct 2023 10:48

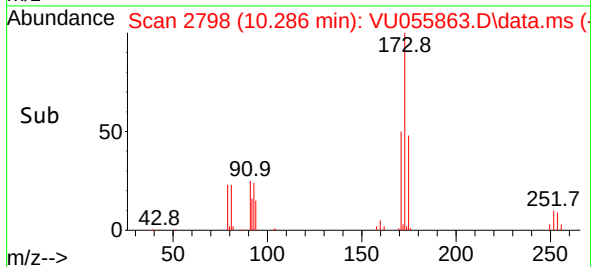
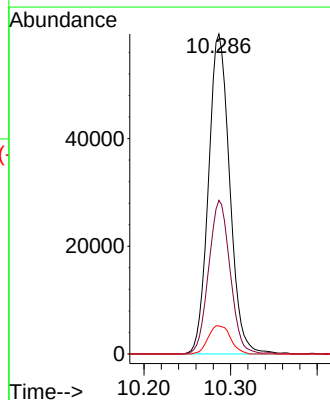
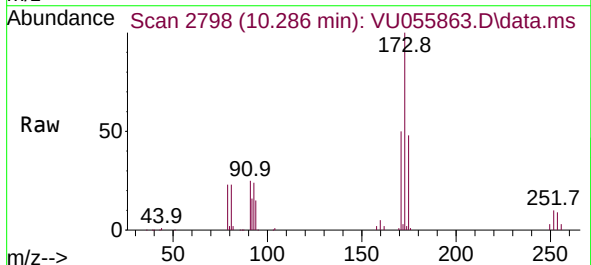
Instrument :
MSVOA_U
ClientSampleId :

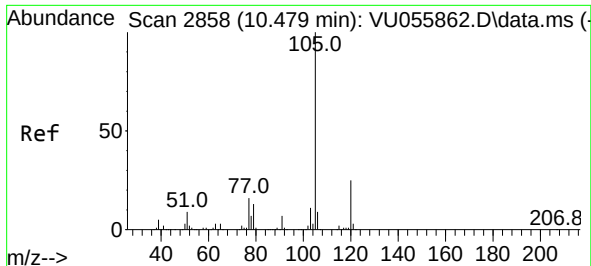
Tgt Ion: 83 Resp: 182718
Ion Ratio Lower Upper
83 100
85 62.6 46.2 85.8
131 9.7 7.2 10.8



#59
Bromoform
Concen: 10.477 ug/L
RT: 10.286 min Scan# 2798
Delta R.T. -0.000 min
Lab File: VU055863.D
Acq: 24 Oct 2023 10:48

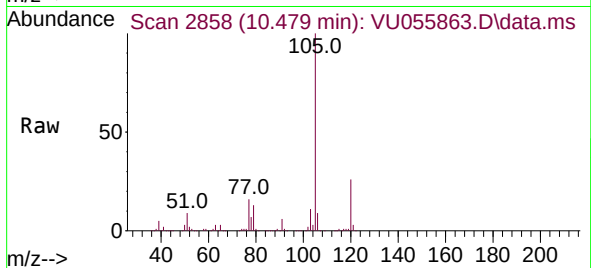
Tgt Ion:173 Resp: 101216
Ion Ratio Lower Upper
173 100
175 48.4 37.8 56.6
254 9.3 7.4 11.0



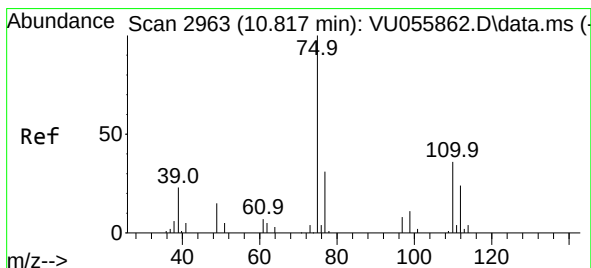
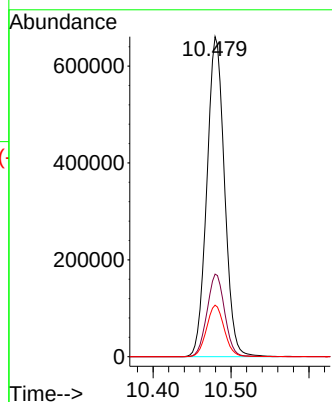
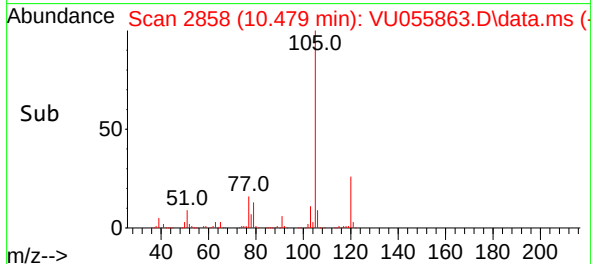


#60
Isopropylbenzene
Concen: 10.209 ug/L
RT: 10.479 min Scan# 2858
Delta R.T. -0.000 min
Lab File: VU055863.D
Acq: 24 Oct 2023 10:48

Instrument :
MSVOA_U
ClientSampleId :

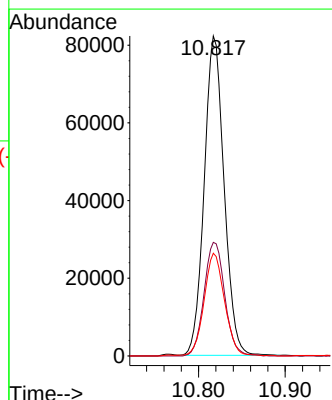
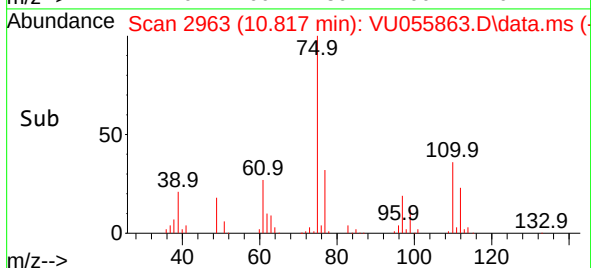
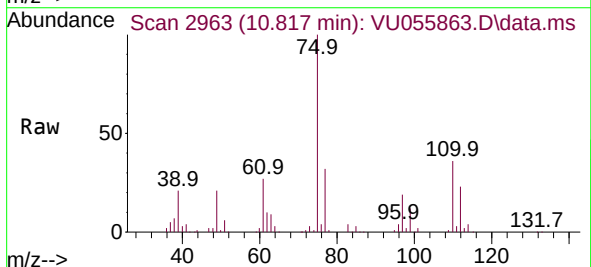


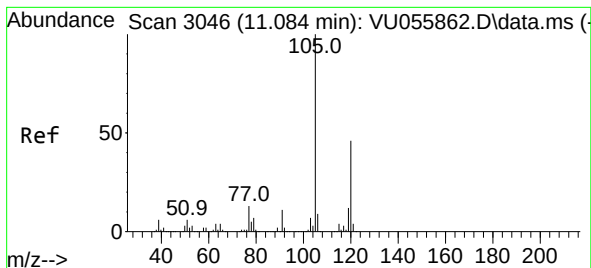
Tgt Ion:105 Resp: 1038952
Ion Ratio Lower Upper
105 100
120 25.9 20.2 30.4
77 16.2 13.0 19.4



#61
1,2,3-Trichloropropane
Concen: 9.246 ug/L
RT: 10.817 min Scan# 2963
Delta R.T. -0.000 min
Lab File: VU055863.D
Acq: 24 Oct 2023 10:48

Tgt Ion: 75 Resp: 130887
Ion Ratio Lower Upper
75 100
110 37.1 29.0 43.6
77 32.7 24.5 36.7





#62

1,3,5-Trimethylbenzene

Concen: 9.989 ug/L

RT: 11.084 min Scan# 3046

Delta R.T. -0.000 min

Lab File: VU055863.D

Acq: 24 Oct 2023 10:48

Instrument :

MSVOA_U

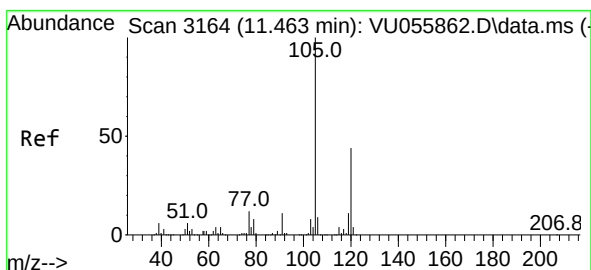
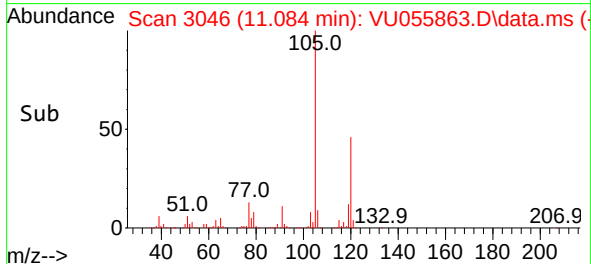
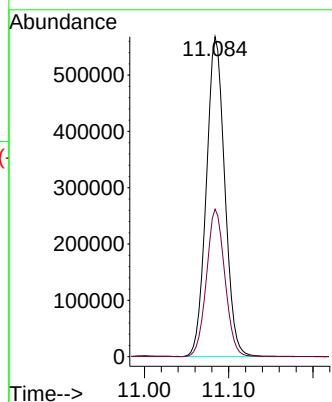
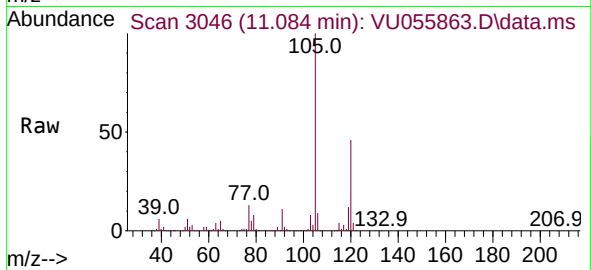
ClientSampleId :

Tgt Ion:105 Resp: 862188

Ion Ratio Lower Upper

105 100

120 46.2 37.4 56.2



#63

1,2,4-Trimethylbenzene

Concen: 10.299 ug/L

RT: 11.463 min Scan# 3164

Delta R.T. -0.000 min

Lab File: VU055863.D

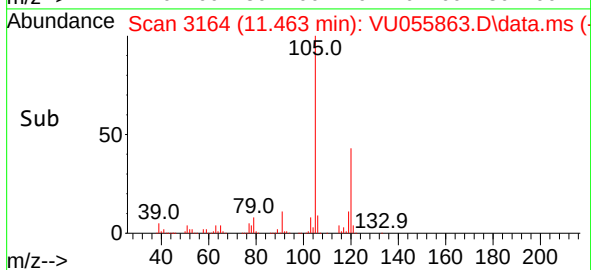
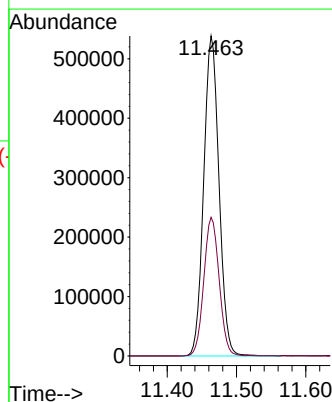
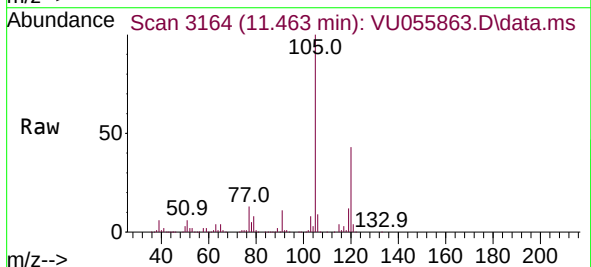
Acq: 24 Oct 2023 10:48

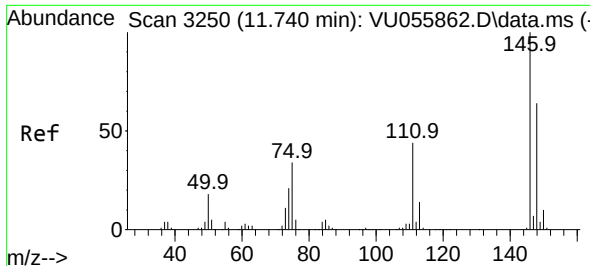
Tgt Ion:105 Resp: 823823

Ion Ratio Lower Upper

105 100

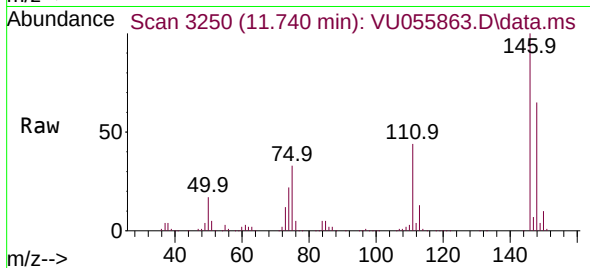
120 43.5 34.6 52.0



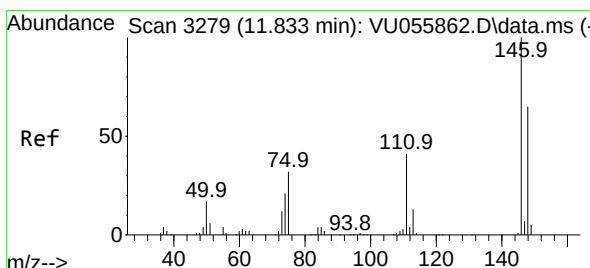
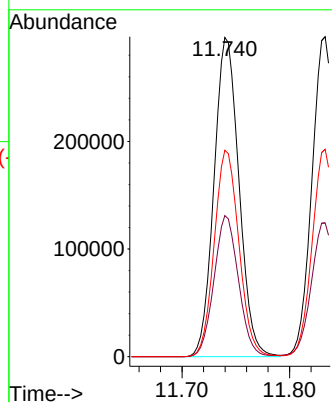
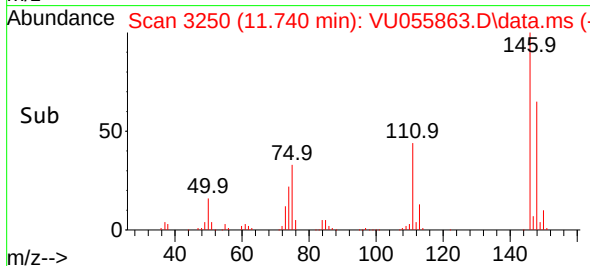


#64
1,3-Dichlorobenzene
Concen: 10.058 ug/L
RT: 11.740 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU055863.D
Acq: 24 Oct 2023 10:48

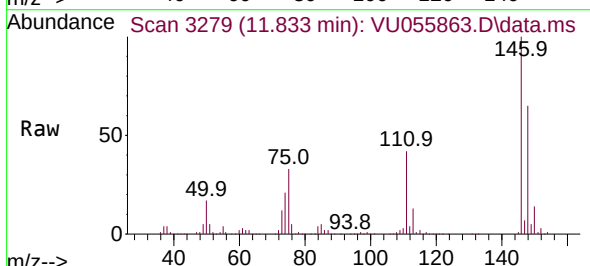
Instrument :
MSVOA_U
ClientSampleId :



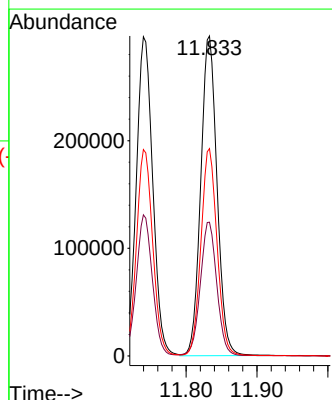
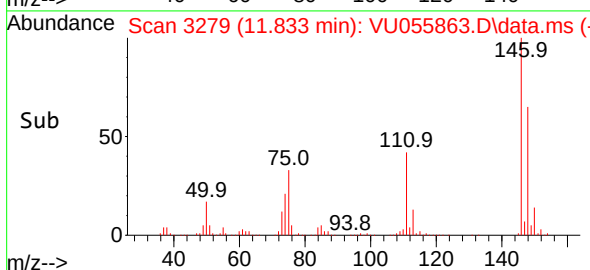
Tgt Ion:146 Resp: 477900
Ion Ratio Lower Upper
146 100
111 44.2 31.1 57.9
148 64.6 44.8 83.2

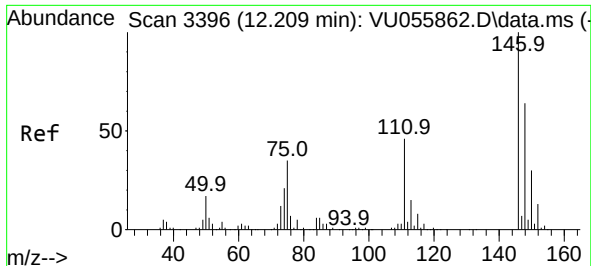


#65
1,4-Dichlorobenzene
Concen: 9.975 ug/L
RT: 11.833 min Scan# 3279
Delta R.T. -0.000 min
Lab File: VU055863.D
Acq: 24 Oct 2023 10:48



Tgt Ion:146 Resp: 473734
Ion Ratio Lower Upper
146 100
111 41.8 29.3 54.3
148 64.8 45.6 84.8





#67

1,2-Dichlorobenzene

Concen: 10.092 ug/L

RT: 12.209 min Scan# 3396

Delta R.T. -0.000 min

Lab File: VU055863.D

Acq: 24 Oct 2023 10:48

Instrument :

MSVOA_U

ClientSampleId :

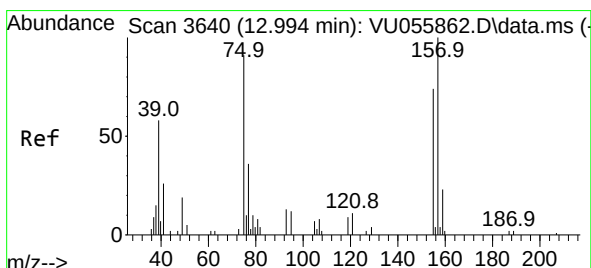
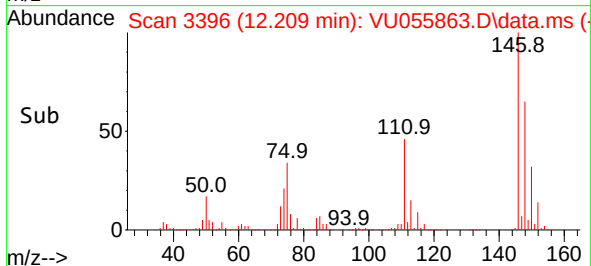
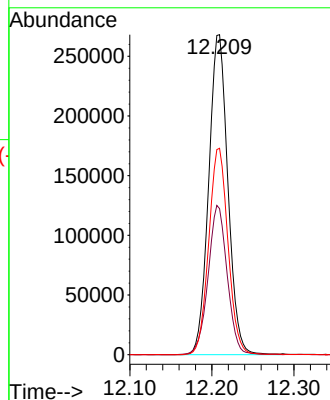
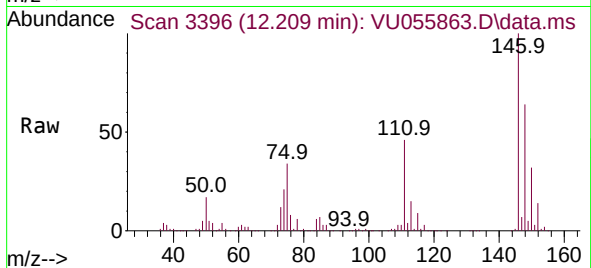
Tgt Ion:146 Resp: 435805

Ion Ratio Lower Upper

146 100

111 45.7 36.7 55.1

148 64.5 51.0 76.4



#68

1,2-Dibromo-3-chloropropane

Concen: 9.673 ug/L

RT: 12.994 min Scan# 3640

Delta R.T. -0.000 min

Lab File: VU055863.D

Acq: 24 Oct 2023 10:48

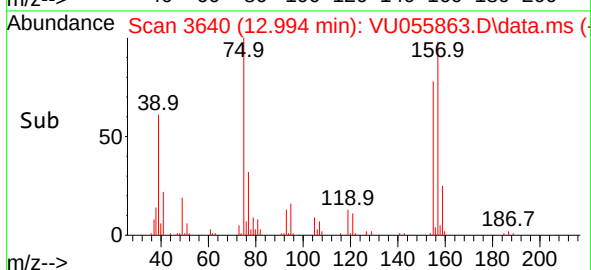
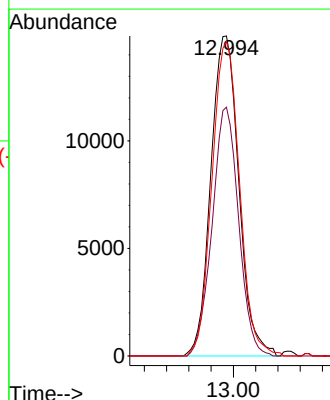
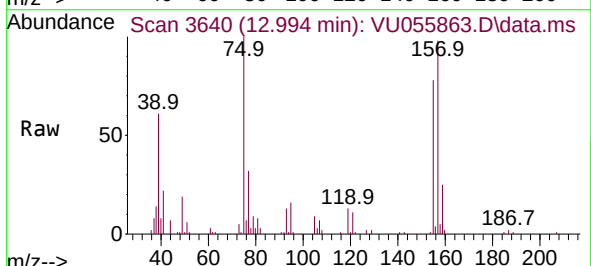
Tgt Ion: 75 Resp: 25925

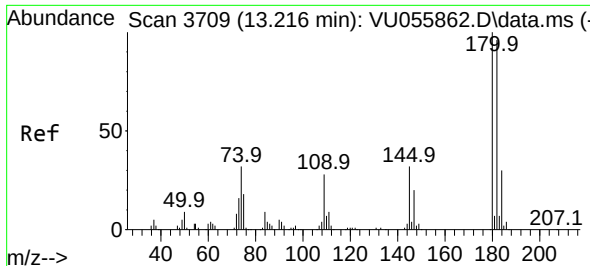
Ion Ratio Lower Upper

75 100

155 77.7 65.3 97.9

157 98.2 87.9 131.9





#69

1,3,5-Trichlorobenzene

Concen: 10.341 ug/L

RT: 13.216 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU055863.D

Acq: 24 Oct 2023 10:48

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:180 Resp: 328242

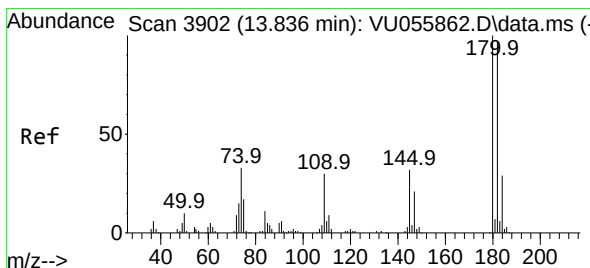
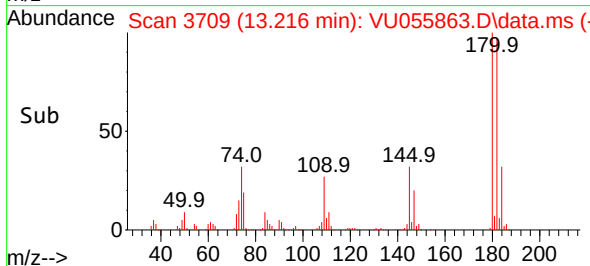
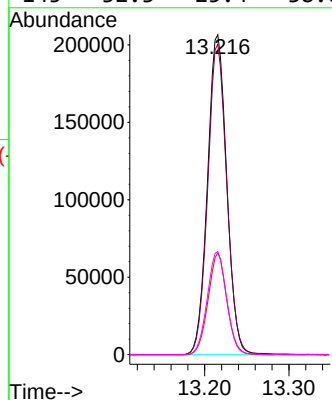
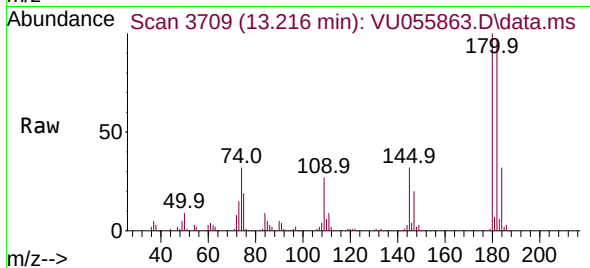
Ion Ratio Lower Upper

180 100

182 96.3 74.7 112.1

184 31.0 23.8 35.8

145 32.3 25.4 38.0



#70

1,2,4-trichlorobenzene

Concen: 10.312 ug/L

RT: 13.836 min Scan# 3902

Delta R.T. -0.000 min

Lab File: VU055863.D

Acq: 24 Oct 2023 10:48

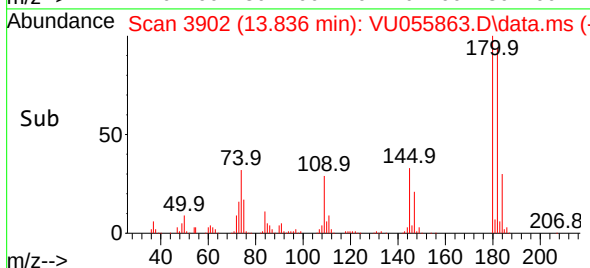
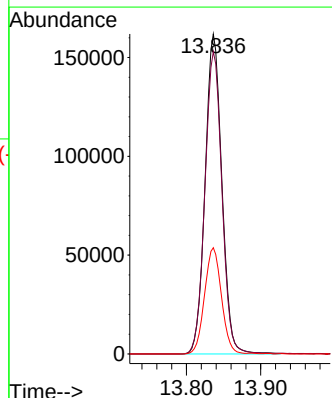
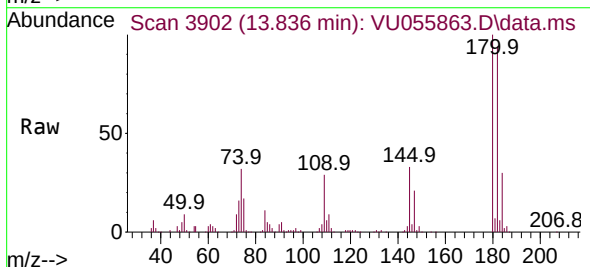
Tgt Ion:180 Resp: 253164

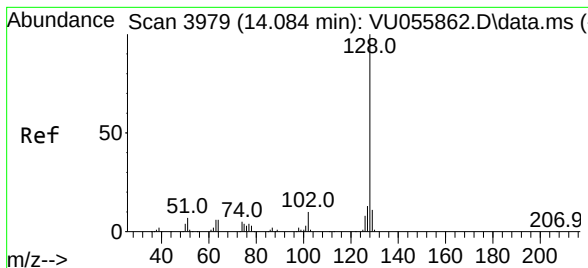
Ion Ratio Lower Upper

180 100

182 96.1 76.1 114.1

145 33.5 26.4 39.6

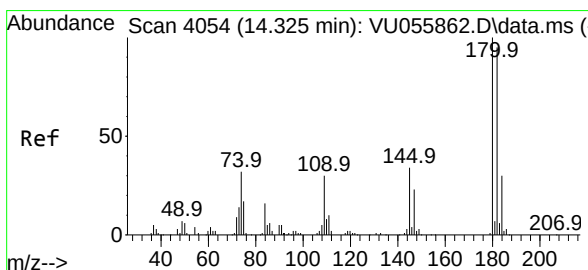
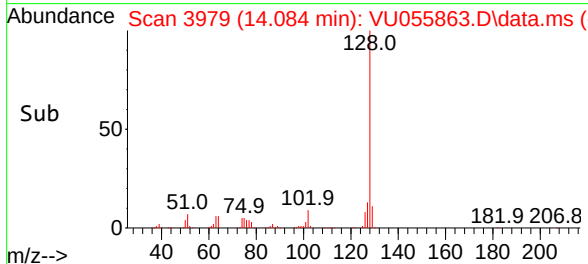
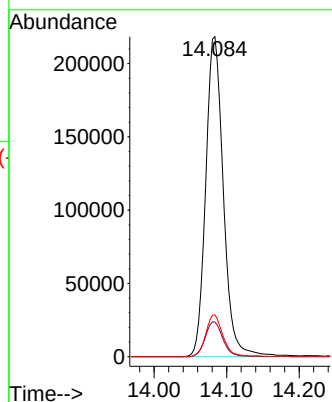
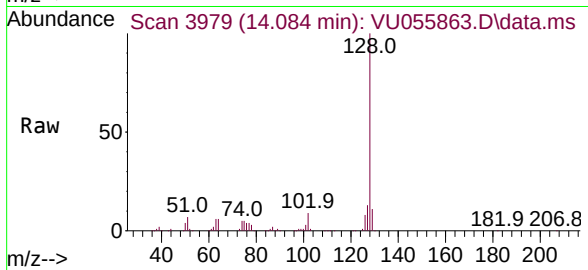




#71
Naphthalene
Concen: 10.001 ug/L
RT: 14.084 min Scan# 3979
Delta R.T. -0.000 min
Lab File: VU055863.D
Acq: 24 Oct 2023 10:48

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 369184
Ion Ratio Lower Upper
128 100
129 10.9 8.3 12.5
127 12.7 10.0 15.0



#72
1,2,3-Trichlorobenzene
Concen: 10.563 ug/L
RT: 14.325 min Scan# 4054
Delta R.T. -0.000 min
Lab File: VU055863.D
Acq: 24 Oct 2023 10:48

Tgt Ion:180 Resp: 216931
Ion Ratio Lower Upper
180 100
182 95.4 74.6 112.0
145 34.4 27.4 41.2

