

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101023\
 Data File : VU055713.D
 Acq On : 10 Oct 2023 11:13
 Operator : MD/SY
 Sample : VSTD10038
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 11 05:00:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101023WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 11 04:58:37 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	408820	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	422464	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	243279	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	376597	116.549	ug/L	0.00
7) Chloroethane-d5	1.908	69	305197	98.095	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.567	63	670188	137.177	ug/L	0.00
21) 2-Butanone-d5	4.608	46	574886	265.702	ug/L	0.00
24) Chloroform-d	5.059	84	708142	132.880	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.695	65	444226	137.325	ug/L	0.00
32) Benzene-d6	5.724	84	1417331	131.604	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.685	67	438527	122.048	ug/L	0.00
41) Toluene-d8	7.894	98	1310095	128.834	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.177	79	222119	122.818	ug/L	0.00
47) 2-Hexanone-d5	8.628	63	388062	240.383	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.753	84	673663	107.361	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.190	152	507476	119.183	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	334417	107.725	ug/L	100
3) Chloromethane	1.518	50	312196	91.193	ug/L	99
5) Vinyl chloride	1.602	62	350036	81.159	ug/L	98
6) Bromomethane	1.850	94	226008	84.725	ug/L	99
8) Chloroethane	1.930	64	226942	76.707	ug/L	99
9) Trichlorofluoromethane	2.136	101	495222	73.061	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.580	101	324413	117.640	ug/L	99
12) 1,1-Dichloroethene	2.580	96	291185	113.356	ug/L	96
13) Acetone	2.615	43	510277	273.746	ug/L	98
14) Carbon disulfide	2.792	76	871364	114.595	ug/L	98
15) Methyl Acetate	2.940	43	388184	128.311	ug/L	98
16) Methylene chloride	3.039	84	335662	107.939	ug/L	98
17) trans-1,2-Dichloroethene	3.351	96	304374	114.339	ug/L	96
18) Methyl tert-butyl Ether	3.358	73	989094	108.891	ug/L	99
19) 1,1-Dichloroethane	3.862	63	599390	116.249	ug/L	99
20) cis-1,2-Dichloroethene	4.663	96	350805	111.289	ug/L	98
22) 2-Butanone	4.689	43	635080	255.309	ug/L	99
23) Bromochloromethane	4.969	128	177184	109.859	ug/L	99
25) Chloroform	5.084	83	623141	115.367	ug/L	100
27) 1,2-Dichloroethane	5.788	62	508405	121.864	ug/L	98
29) Cyclohexane	5.386	56	527303	112.482	ug/L	99
30) 1,1,1-Trichloroethane	5.313	97	542032	113.270	ug/L	100
31) Carbon tetrachloride	5.522	117	477297	115.417	ug/L	98
33) Benzene	5.769	78	1356264	110.590	ug/L	100
34) Trichloroethene	6.538	95	362448	115.086	ug/L	99
35) Methylcyclohexane	6.759	83	583031	115.561	ug/L	99
37) 1,2-Dichloropropane	6.785	63	368557	108.911	ug/L	100
38) Bromodichloromethane	7.100	83	483011	111.541	ug/L	96
39) cis-1,3-Dichloropropene	7.602	75	598405	108.850	ug/L	98
40) 4-Methyl-2-pentanone	7.785	43	1082201	212.610	ug/L	98
42) Toluene	7.965	91	1478932	108.735	ug/L	99
44) trans-1,3-Dichloropropene	8.206	75	570386	109.960	ug/L	99

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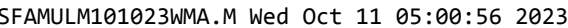
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 ClientSampleId :

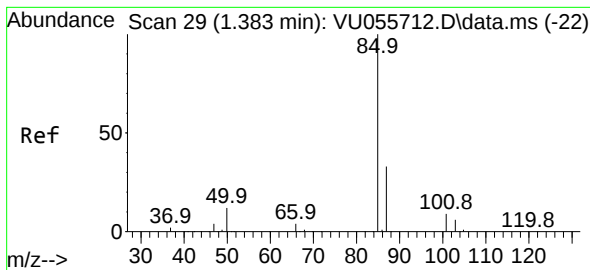
Quant Time: Oct 11 05:00:48 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.396	97	356190	104.354	ug/L	98
46) Tetrachloroethene	8.550	164	263550	110.631	ug/L	98
48) 2-Hexanone	8.679	43	938487	220.316	ug/L	99
49) Dibromochloromethane	8.804	129	377109	107.358	ug/L	100
50) 1,2-Dibromoethane	8.920	107	391339	106.956	ug/L	99
51) Chlorobenzene	9.444	112	918717	104.813	ug/L	99
52) Ethylbenzene	9.566	91	1659831	107.076	ug/L	99
53) m,p-Xylene	9.692	106	627804	106.286	ug/L	98
54) o-Xylene	10.097	106	602252	101.095	ug/L	97
55) Styrene	10.110	104	1061717	102.466	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.779	83	626563	95.644	ug/L	100
59) Bromoform	10.287	173	298374	99.475	ug/L	98
60) 1,2,3-Trichloropropane	10.817	75	511296	106.817	ug/L	99
61) Isopropylbenzene	10.483	105	1650137	104.256	ug/L	100
62) 1,3,5-Trimethylbenzene	11.084	105	1411786	108.464	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	1411374	109.192	ug/L	100
64) 1,3-Dichlorobenzene	11.743	146	771655	104.355	ug/L	99
65) 1,4-Dichlorobenzene	11.833	146	784099	105.013	ug/L	99
67) 1,2-Dichlorobenzene	12.209	146	757626	102.423	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.991	75	170769	128.119	ug/L	98
69) 1,3,5-Trichlorobenzene	13.216	180	549772	111.438	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	481381	114.166	ug/L	98
71) Naphthalene	14.084	128	1563783	114.310	ug/L	100
72) 1,2,3-Trichlorobenzene	14.325	180	481426	116.289	ug/L	98

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

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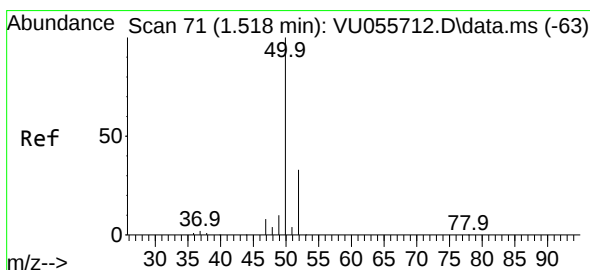
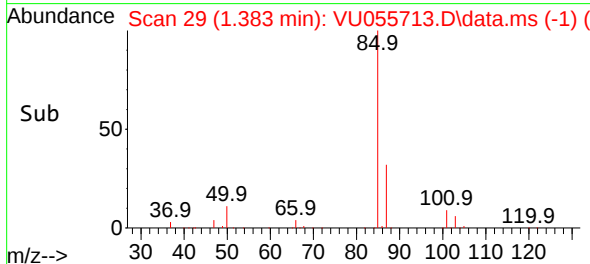
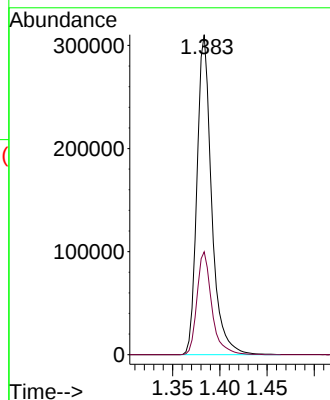
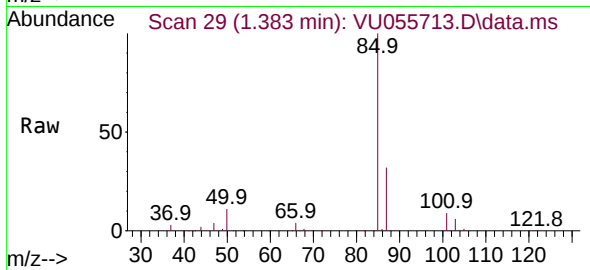




#2
 Dichlorodifluoromethane
 Concen: 107.725 ug/L
 RT: 1.383 min Scan# 29
 Delta R.T. 0.000 min
 Lab File: VU055713.D
 Acq: 10 Oct 2023 11:13

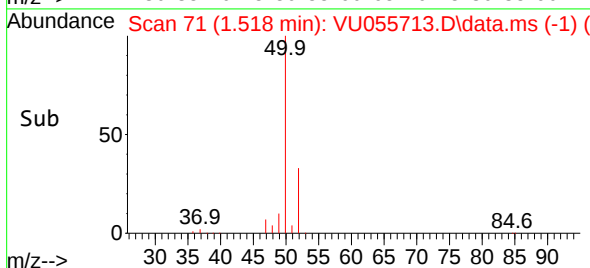
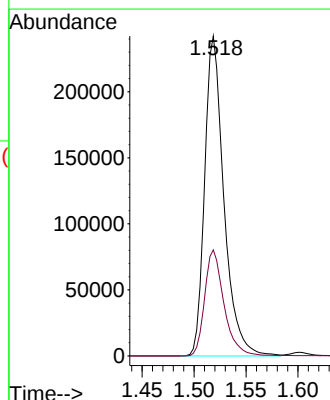
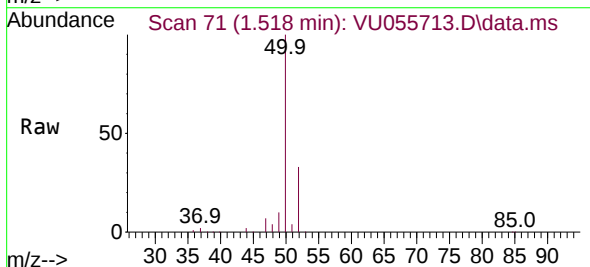
Instrument :
 MSVOA_U
 ClientSampleId :

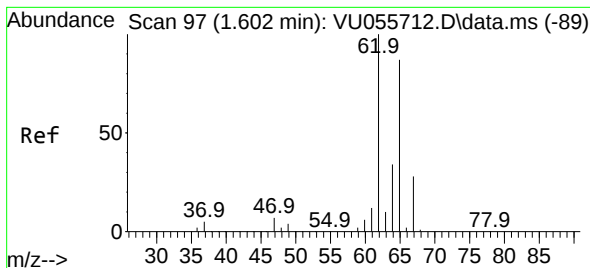
Tgt Ion: 85 Resp: 334417
 Ion Ratio Lower Upper
 85 100
 87 32.5 26.0 39.0



#3
 Chloromethane
 Concen: 91.193 ug/L
 RT: 1.518 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VU055713.D
 Acq: 10 Oct 2023 11:13

Tgt Ion: 50 Resp: 312196
 Ion Ratio Lower Upper
 50 100
 52 33.1 22.8 42.4





#5

Vinyl chloride

Concen: 81.159 ug/L

RT: 1.602 min Scan# 91

Delta R.T. 0.000 min

Lab File: VU055713.D

Acq: 10 Oct 2023 11:13

Instrument :

MSVOA_U

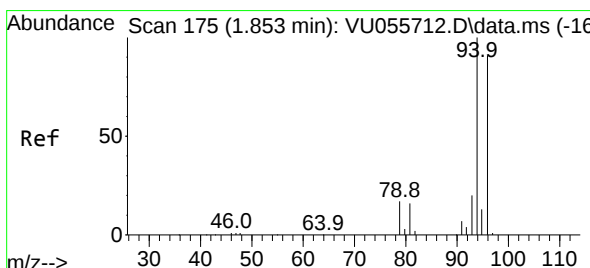
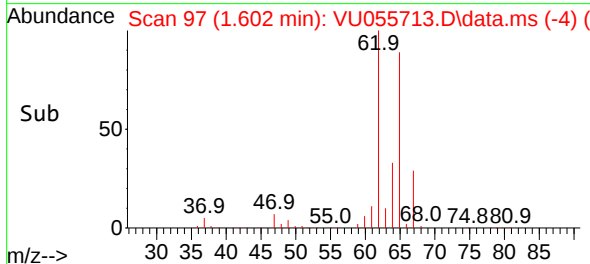
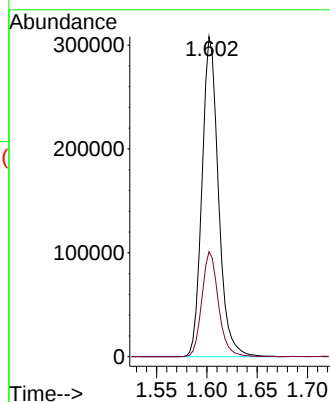
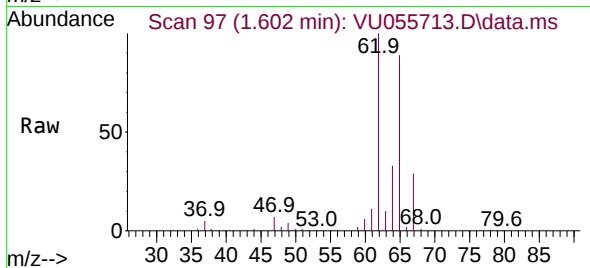
ClientSampleId :

Tgt Ion: 62 Resp: 350036

Ion Ratio Lower Upper

62 100

64 32.8 23.9 44.5



#6

Bromomethane

Concen: 84.725 ug/L

RT: 1.850 min Scan# 174

Delta R.T. -0.003 min

Lab File: VU055713.D

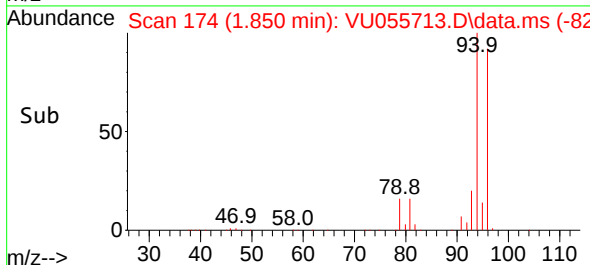
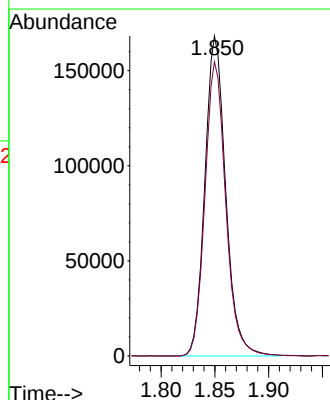
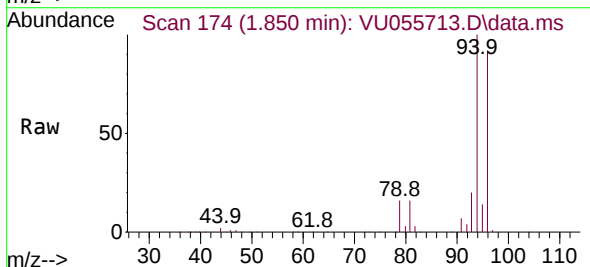
Acq: 10 Oct 2023 11:13

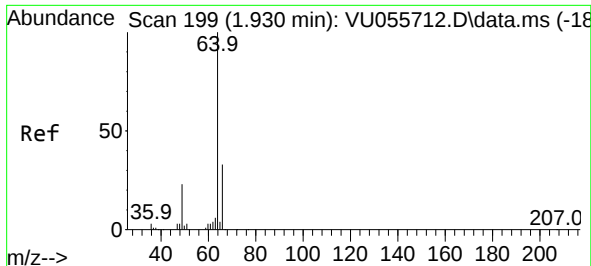
Tgt Ion: 94 Resp: 226008

Ion Ratio Lower Upper

94 100

96 92.0 63.5 117.9

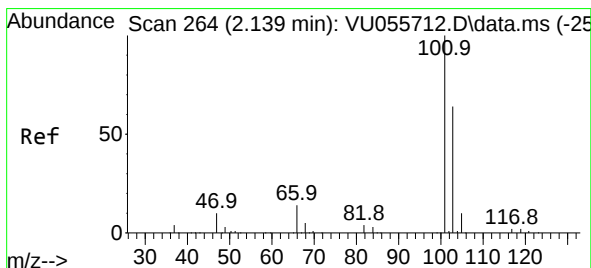
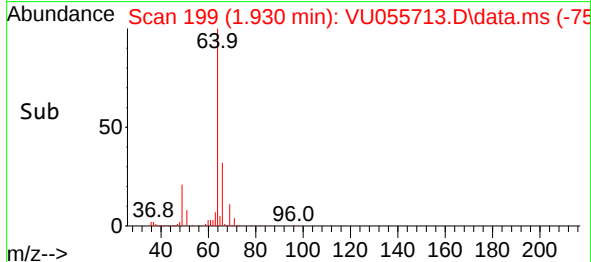
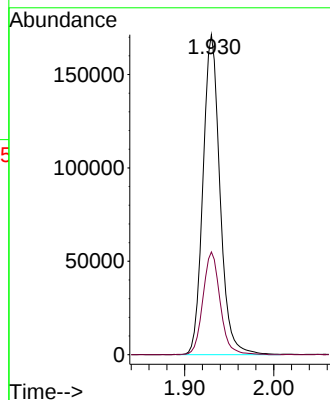
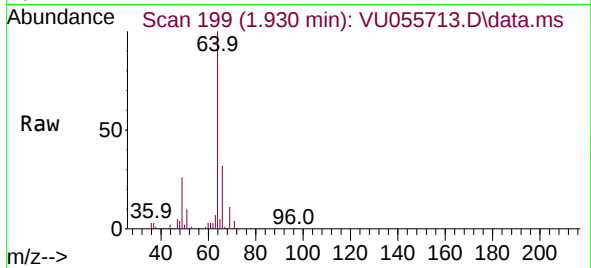




#8
Chloroethane
Concen: 76.707 ug/L
RT: 1.930 min Scan# 199
Delta R.T. 0.000 min
Lab File: VU055713.D
Acq: 10 Oct 2023 11:13

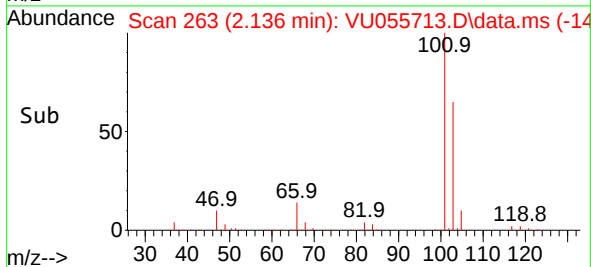
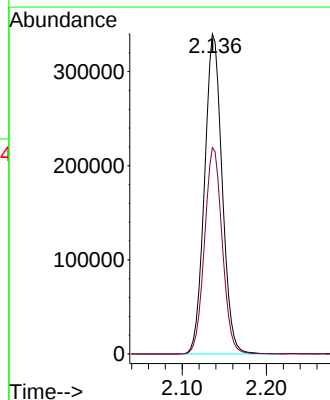
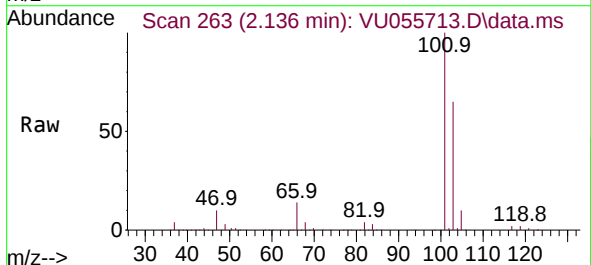
Instrument :
MSVOA_U
ClientSampleId :

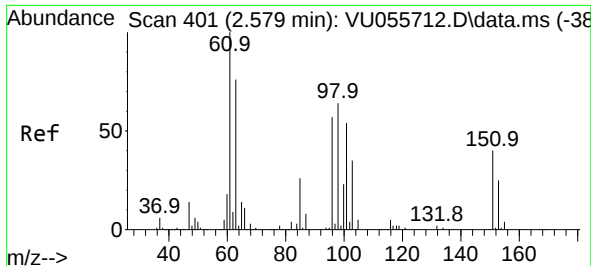
Tgt Ion: 64 Resp: 226942
Ion Ratio Lower Upper
64 100
66 32.1 22.9 42.5



#9
Trichlorofluoromethane
Concen: 73.061 ug/L
RT: 2.136 min Scan# 263
Delta R.T. -0.003 min
Lab File: VU055713.D
Acq: 10 Oct 2023 11:13

Tgt Ion: 101 Resp: 495222
Ion Ratio Lower Upper
101 100
103 64.8 51.3 76.9

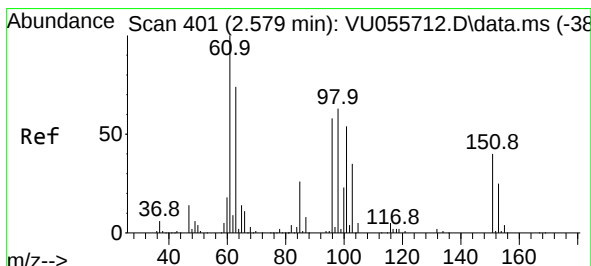
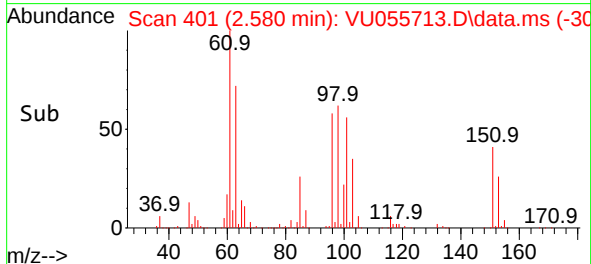
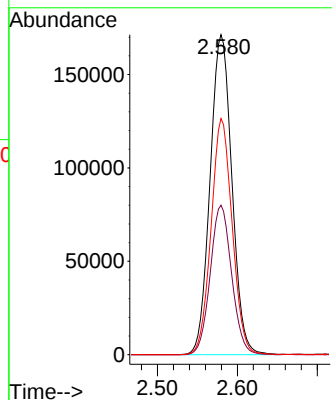
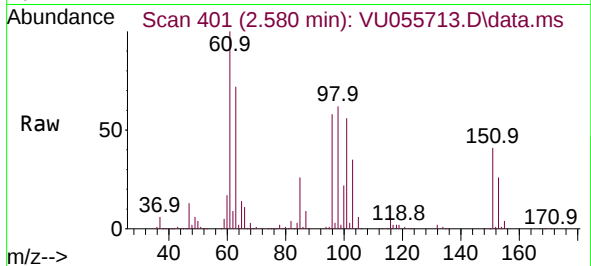




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 117.640 ug/L
 RT: 2.580 min Scan# 401
 Delta R.T. 0.000 min
 Lab File: VU055713.D
 Acq: 10 Oct 2023 11:13

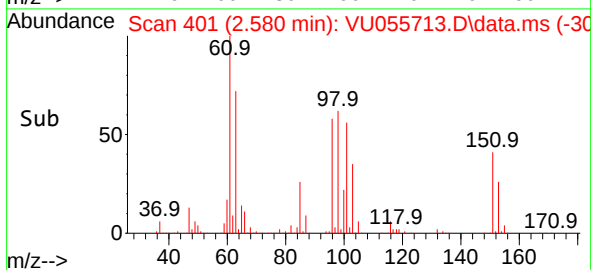
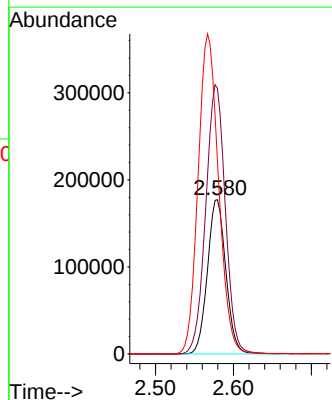
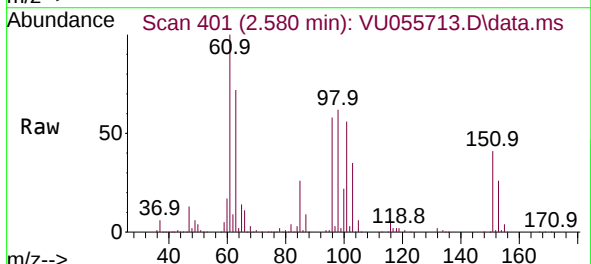
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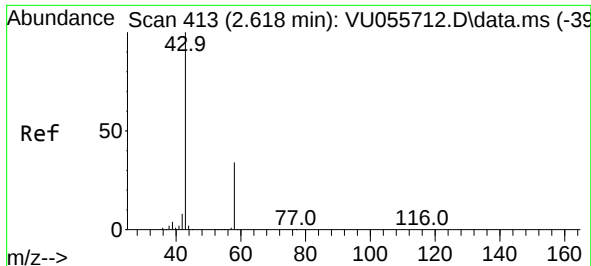
Tgt Ion:101 Resp: 324413
 Ion Ratio Lower Upper
 101 100
 85 45.9 37.1 55.7
 151 71.6 58.2 87.4



#12
 1,1-Dichloroethene
 Concen: 113.356 ug/L
 RT: 2.580 min Scan# 401
 Delta R.T. 0.000 min
 Lab File: VU055713.D
 Acq: 10 Oct 2023 11:13

Tgt Ion: 96 Resp: 291185
 Ion Ratio Lower Upper
 96 100
 61 172.1 122.0 226.6
 63 124.6 93.7 174.1





#13

Acetone

Concen: 273.746 ug/L

RT: 2.615 min Scan# 41

Delta R.T. -0.003 min

Lab File: VU055713.D

Acq: 10 Oct 2023 11:13

Instrument :

MSVOA_U

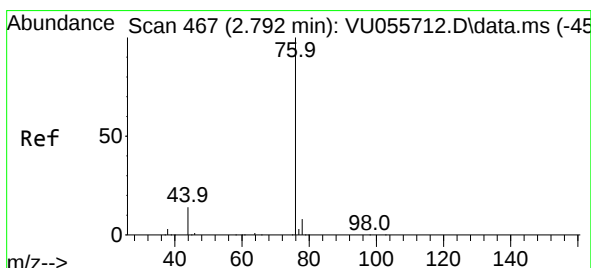
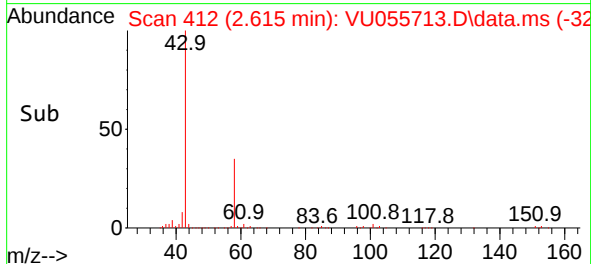
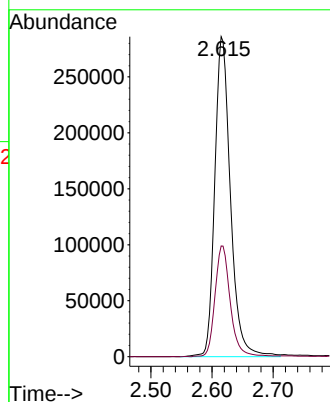
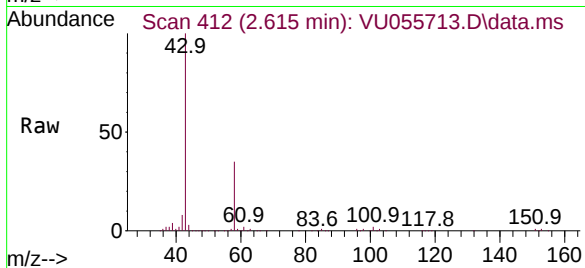
ClientSampleId :

Tgt Ion: 43 Resp: 510277

Ion Ratio Lower Upper

43 100

58 32.8 0.0 67.4



#14

Carbon disulfide

Concen: 114.595 ug/L

RT: 2.792 min Scan# 467

Delta R.T. 0.000 min

Lab File: VU055713.D

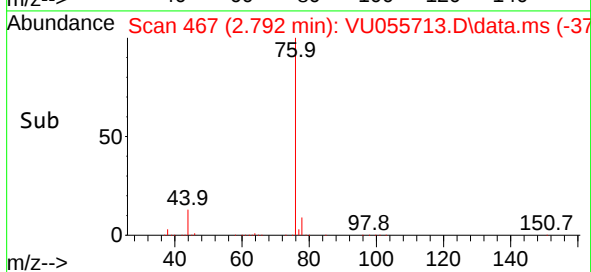
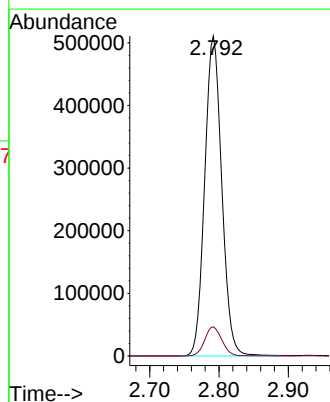
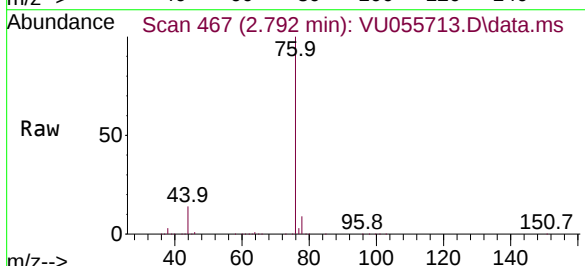
Acq: 10 Oct 2023 11:13

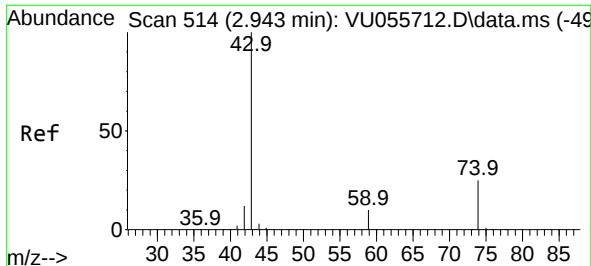
Tgt Ion: 76 Resp: 871364

Ion Ratio Lower Upper

76 100

78 9.1 6.8 10.2

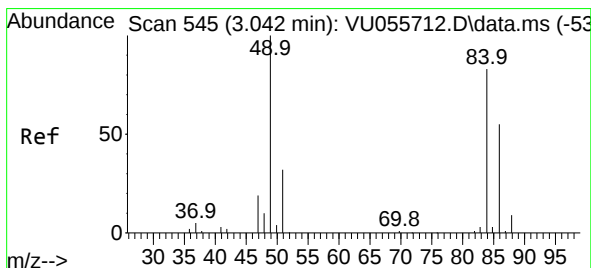
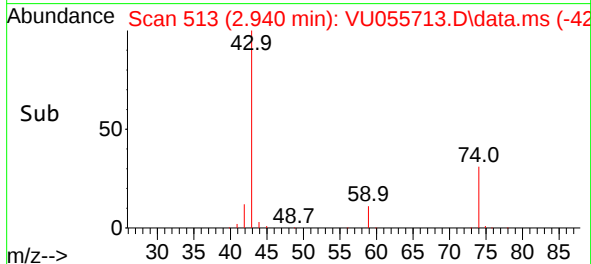
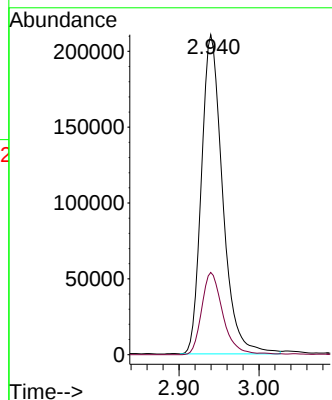
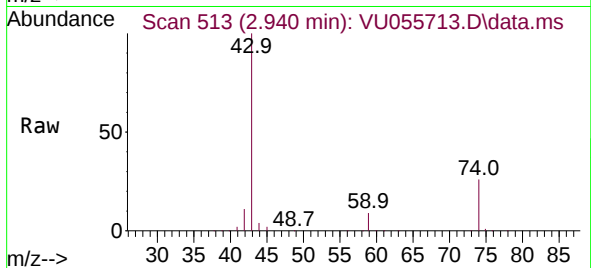




#15
Methyl Acetate
Concen: 128.311 ug/L
RT: 2.940 min Scan# 514
Delta R.T. -0.003 min
Lab File: VU055713.D
Acq: 10 Oct 2023 11:13

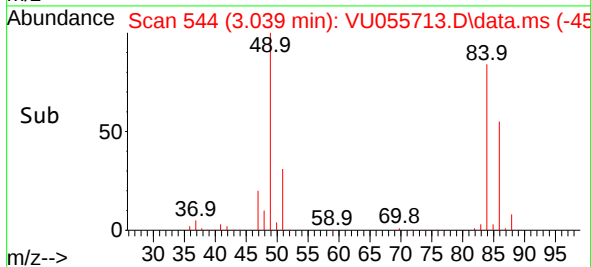
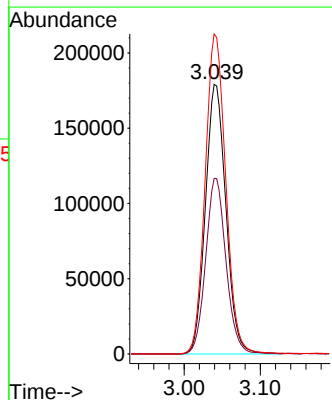
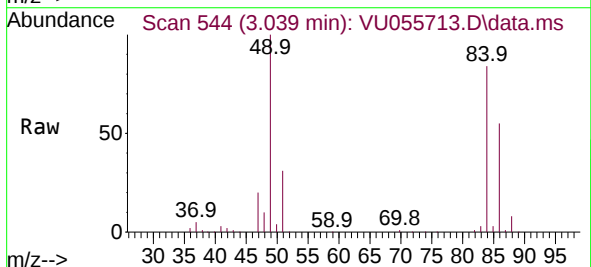
Instrument :
MSVOA_U
ClientSampleId :

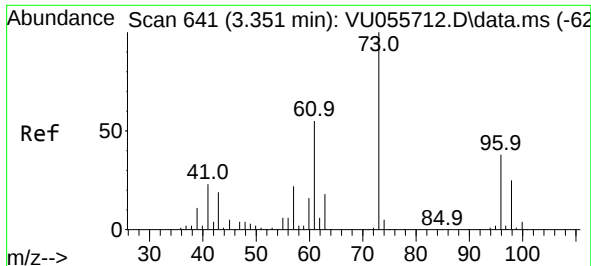
Tgt Ion: 43 Resp: 388184
Ion Ratio Lower Upper
43 100
74 25.5 19.5 29.3



#16
Methylene chloride
Concen: 107.939 ug/L
RT: 3.039 min Scan# 544
Delta R.T. -0.003 min
Lab File: VU055713.D
Acq: 10 Oct 2023 11:13

Tgt Ion: 84 Resp: 335662
Ion Ratio Lower Upper
84 100
86 65.1 46.3 86.1
49 118.7 84.8 157.6

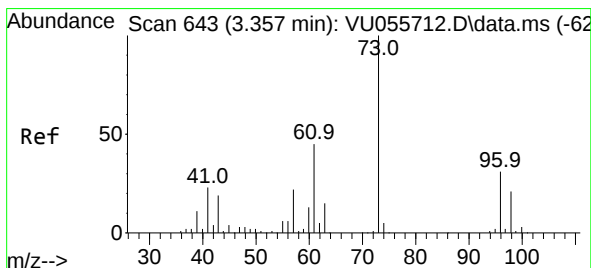
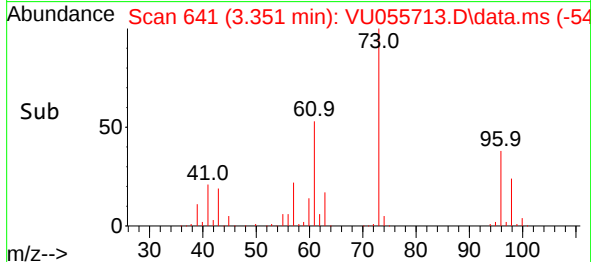
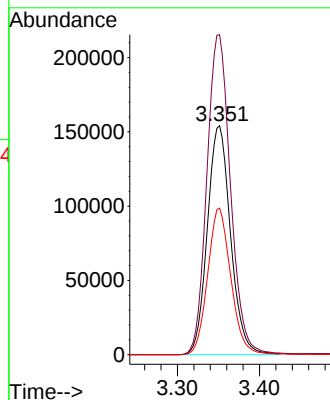
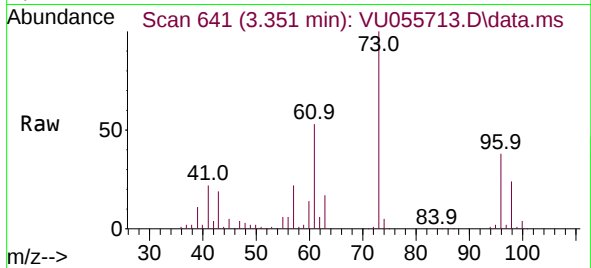




#17
trans-1,2-Dichloroethene
Concen: 114.339 ug/L
RT: 3.351 min Scan# 641
Delta R.T. 0.000 min
Lab File: VU055713.D
Acq: 10 Oct 2023 11:13

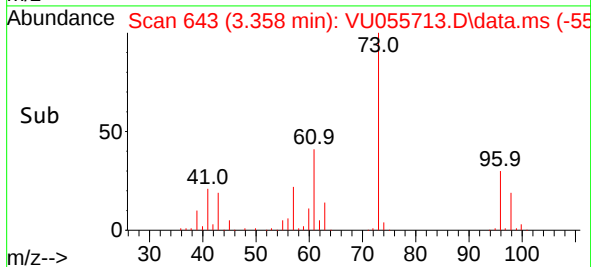
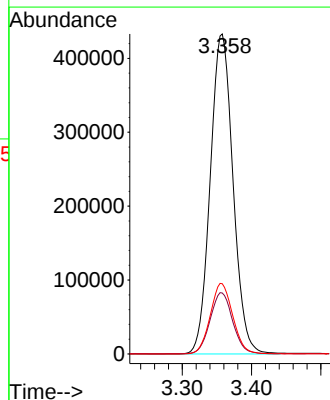
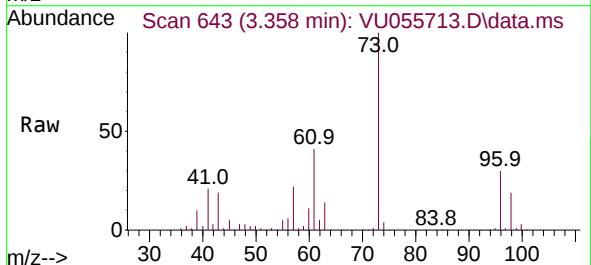
Instrument :
MSVOA_U
ClientSampleId :

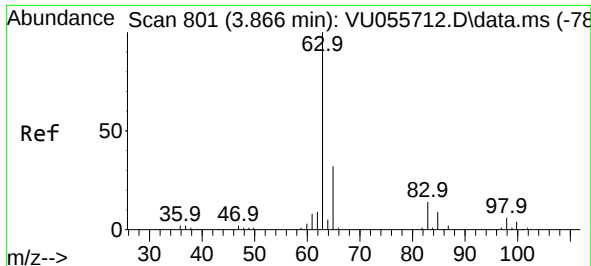
Tgt Ion: 96 Resp: 304374
Ion Ratio Lower Upper
96 100
61 139.7 102.1 189.7
98 64.0 46.3 86.1



#18
Methyl tert-butyl Ether
Concen: 108.891 ug/L
RT: 3.358 min Scan# 643
Delta R.T. 0.000 min
Lab File: VU055713.D
Acq: 10 Oct 2023 11:13

Tgt Ion: 73 Resp: 989094
Ion Ratio Lower Upper
73 100
43 18.9 15.4 23.2
57 21.7 17.7 26.5





#19

1,1-Dichloroethane

Concen: 116.249 ug/L

RT: 3.862 min Scan# 801

Delta R.T. -0.003 min

Lab File: VU055713.D

Acq: 10 Oct 2023 11:13

Instrument :

MSVOA_U

ClientSampleId :

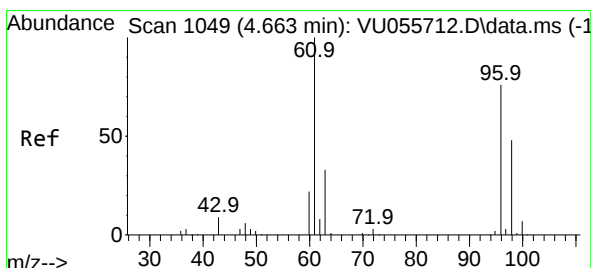
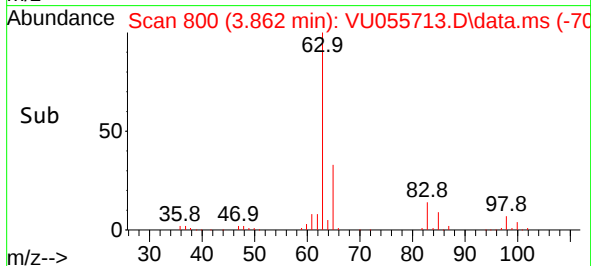
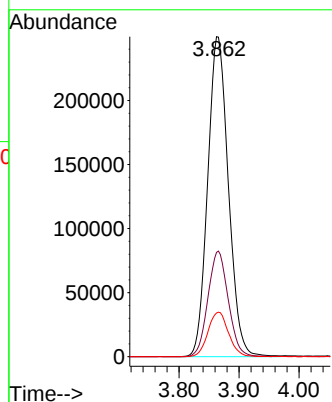
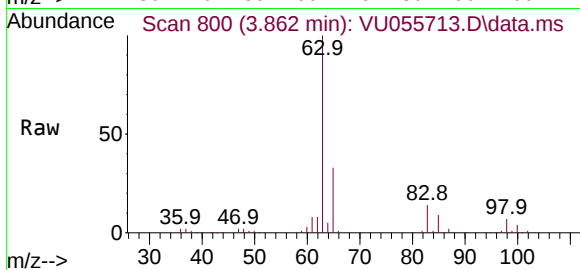
Tgt Ion: 63 Resp: 599390

Ion Ratio Lower Upper

63 100

65 32.6 22.3 41.5

83 13.7 9.5 17.7



#20

cis-1,2-Dichloroethene

Concen: 111.289 ug/L

RT: 4.663 min Scan# 1049

Delta R.T. 0.000 min

Lab File: VU055713.D

Acq: 10 Oct 2023 11:13

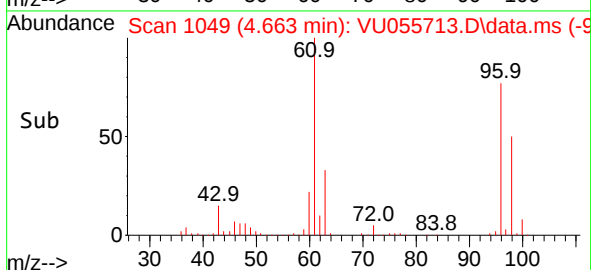
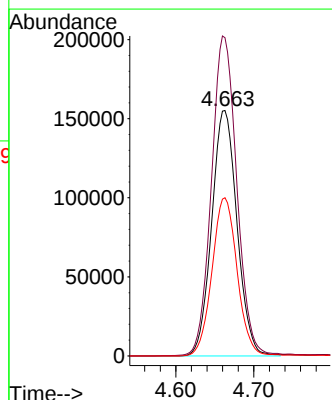
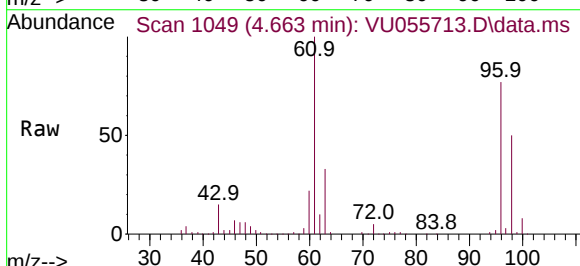
Tgt Ion: 96 Resp: 350805

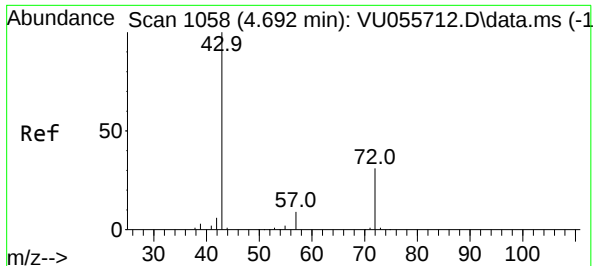
Ion Ratio Lower Upper

96 100

61 129.6 92.3 171.5

98 64.5 43.9 81.5





#22

2-Butanone

Concen: 255.309 ug/L

RT: 4.689 min Scan# 1105

Delta R.T. -0.003 min

Lab File: VU055713.D

Acq: 10 Oct 2023 11:13

Instrument :

MSVOA_U

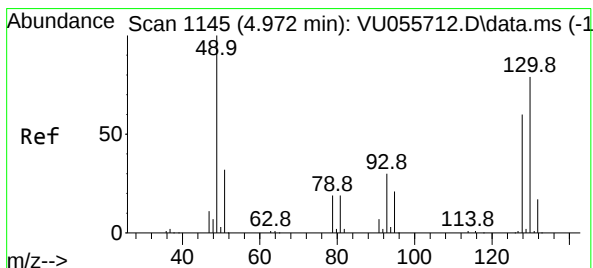
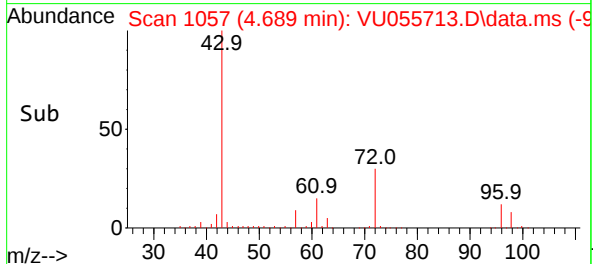
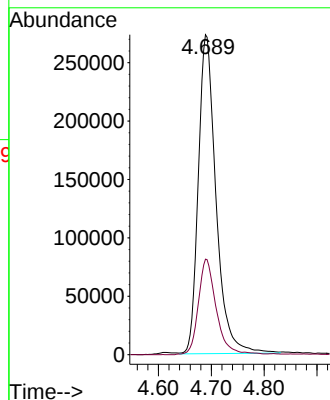
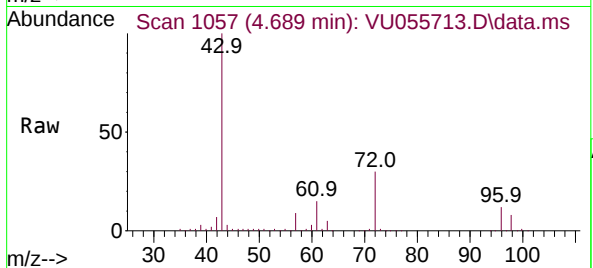
ClientSampleId :

Tgt Ion: 43 Resp: 635080

Ion Ratio Lower Upper

43 100

72 29.7 14.6 44.0



#23

Bromochloromethane

Concen: 109.859 ug/L

RT: 4.969 min Scan# 1144

Delta R.T. -0.003 min

Lab File: VU055713.D

Acq: 10 Oct 2023 11:13

Tgt Ion:128 Resp: 177184

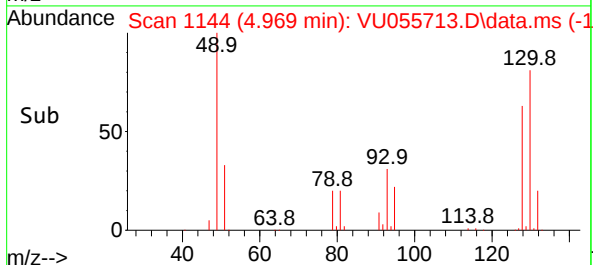
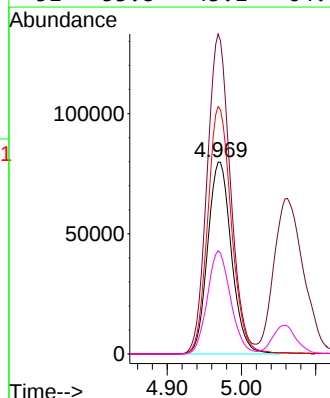
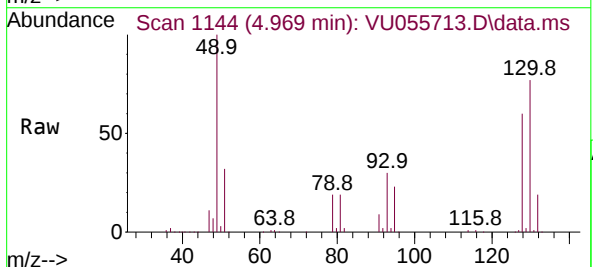
Ion Ratio Lower Upper

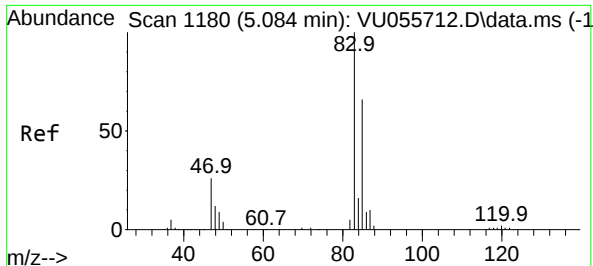
128 100

49 166.8 116.3 216.1

130 128.9 91.6 170.0

51 53.8 43.1 64.7





#25

Chloroform

Concen: 115.367 ug/L

RT: 5.084 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VU055713.D

Acq: 10 Oct 2023 11:13

Instrument :

MSVOA_U

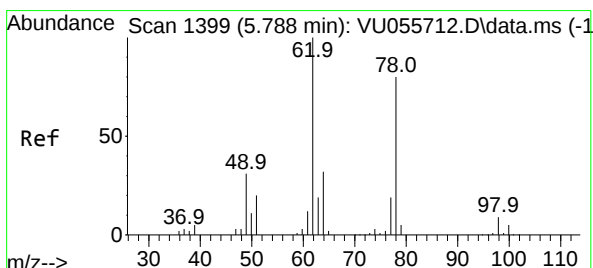
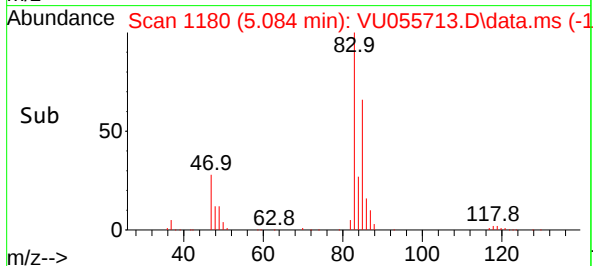
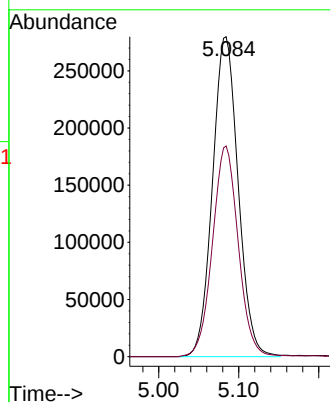
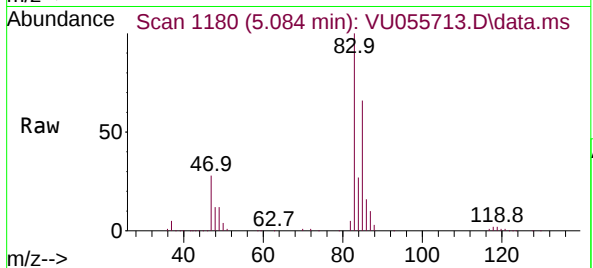
ClientSampleId :

Tgt Ion: 83 Resp: 623141

Ion Ratio Lower Upper

83 100

85 65.8 46.3 86.1



#27

1,2-Dichloroethane

Concen: 121.864 ug/L

RT: 5.788 min Scan# 1399

Delta R.T. 0.000 min

Lab File: VU055713.D

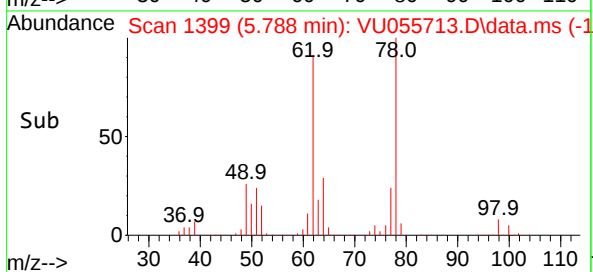
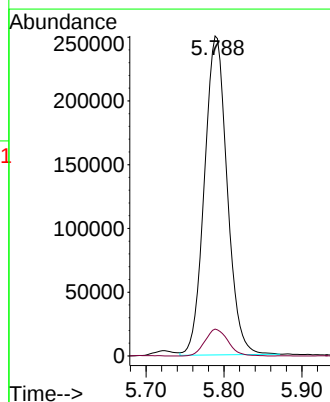
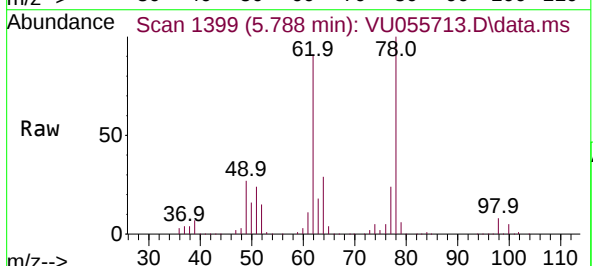
Acq: 10 Oct 2023 11:13

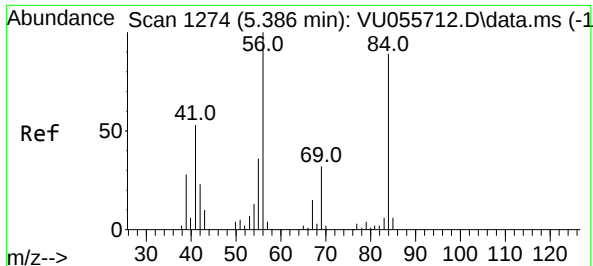
Tgt Ion: 62 Resp: 508405

Ion Ratio Lower Upper

62 100

98 8.4 7.2 10.8





#29

Cyclohexane

Concen: 112.482 ug/L

RT: 5.386 min Scan# 1274

Delta R.T. 0.000 min

Lab File: VU055713.D

Acq: 10 Oct 2023 11:13

Instrument :

MSVOA_U

ClientSampleId :

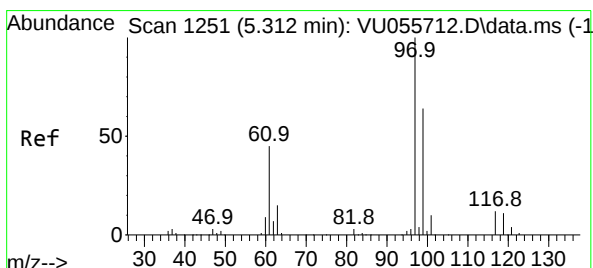
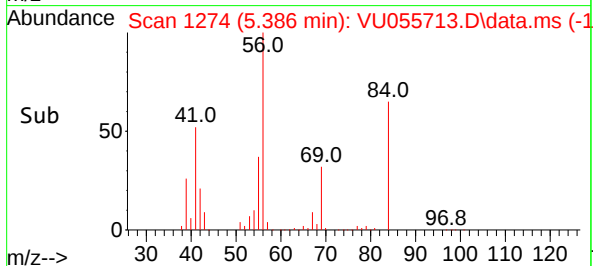
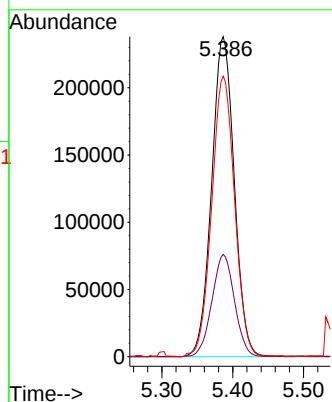
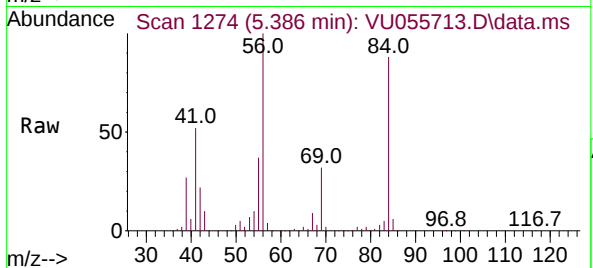
Tgt Ion: 56 Resp: 527303

Ion Ratio Lower Upper

56 100

69 31.9 24.9 37.3

84 88.7 70.7 106.1



#30

1,1,1-Trichloroethane

Concen: 113.270 ug/L

RT: 5.313 min Scan# 1251

Delta R.T. 0.000 min

Lab File: VU055713.D

Acq: 10 Oct 2023 11:13

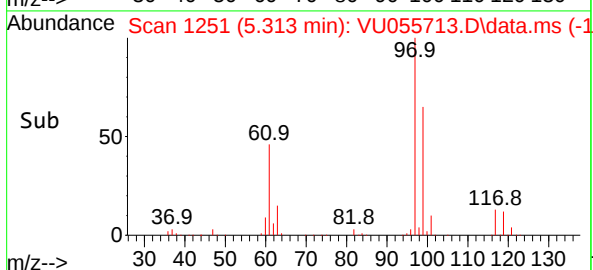
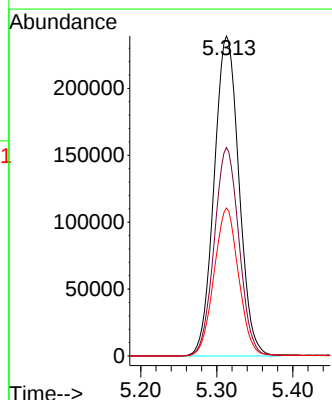
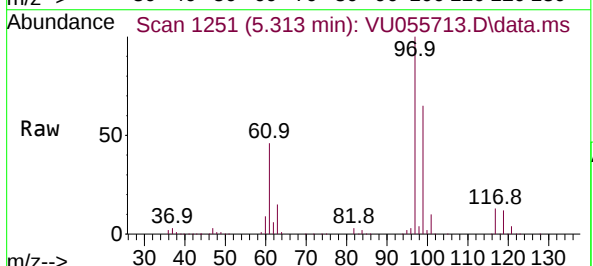
Tgt Ion: 97 Resp: 542032

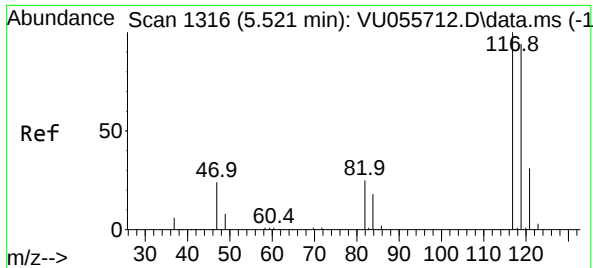
Ion Ratio Lower Upper

97 100

99 65.0 51.6 77.4

61 45.9 36.8 55.2

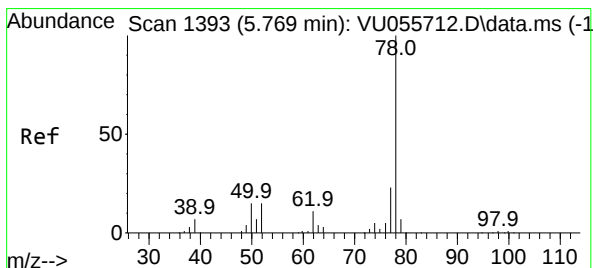
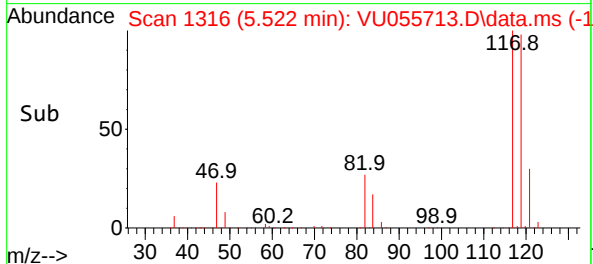
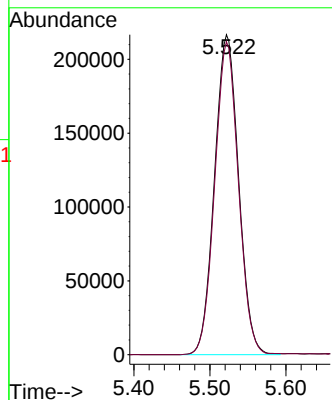
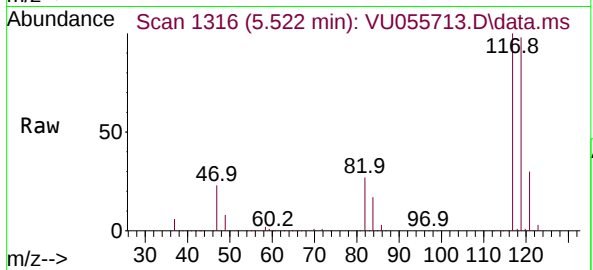




#31
Carbon tetrachloride
Concen: 115.417 ug/L
RT: 5.522 min Scan# 111
Delta R.T. 0.000 min
Lab File: VU055713.D
Acq: 10 Oct 2023 11:13

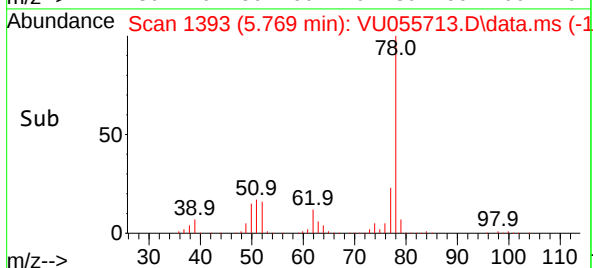
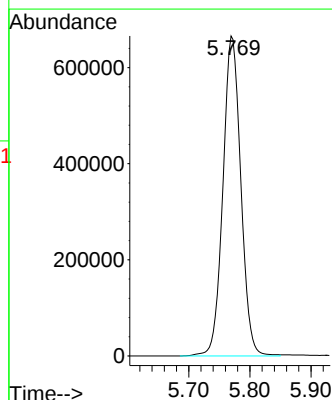
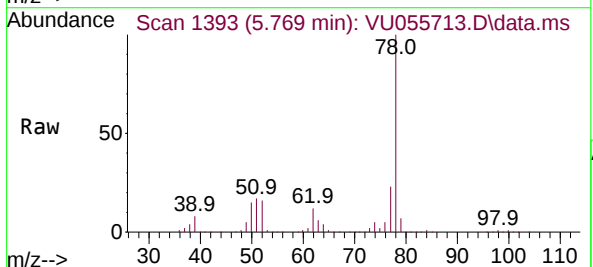
Instrument :
MSVOA_U
ClientSampleId :

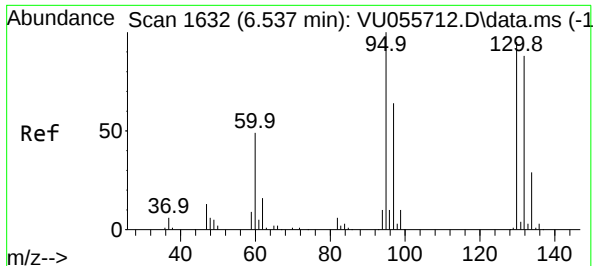
Tgt Ion:117 Resp: 477297
Ion Ratio Lower Upper
117 100
119 96.0 75.4 113.0



#33
Benzene
Concen: 110.590 ug/L
RT: 5.769 min Scan# 1393
Delta R.T. 0.000 min
Lab File: VU055713.D
Acq: 10 Oct 2023 11:13

Tgt Ion: 78 Resp: 1356264

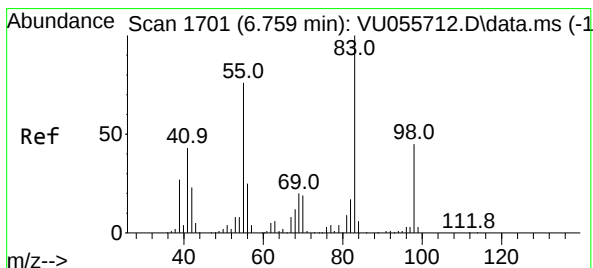
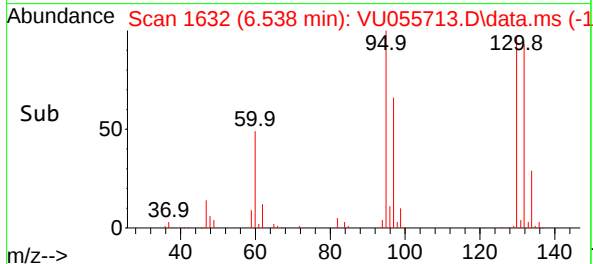
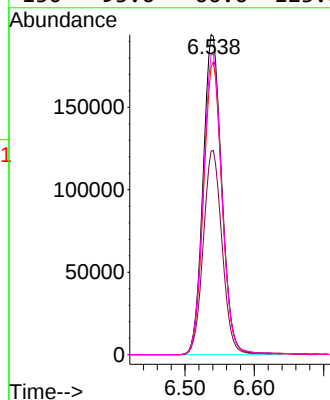
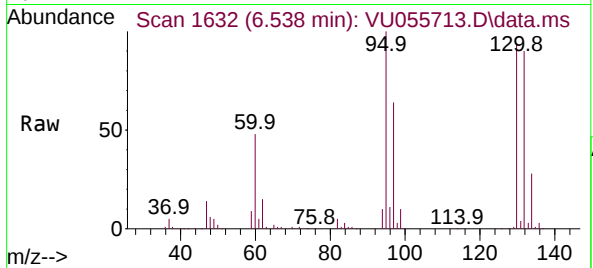




#34
Trichloroethene
Concen: 115.086 ug/L
RT: 6.538 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU055713.D
Acq: 10 Oct 2023 11:13

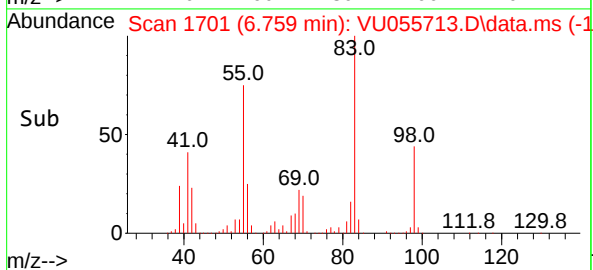
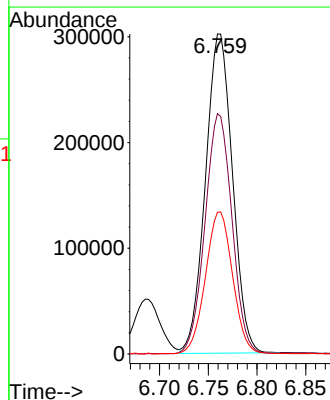
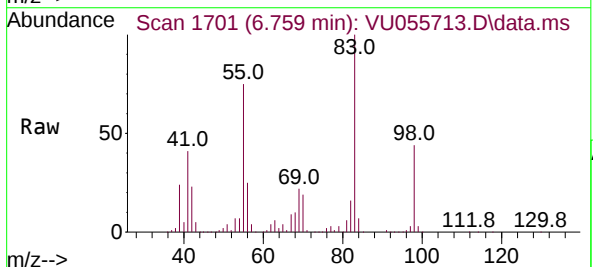
Instrument :
MSVOA_U
ClientSampleId :

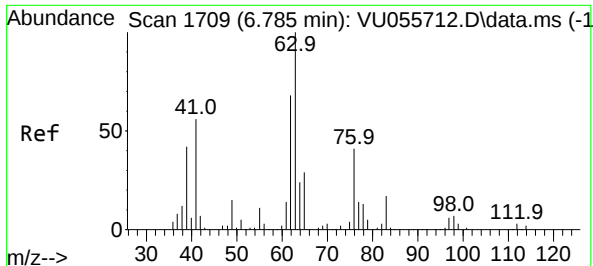
Tgt Ion: 95 Resp: 362448
Ion Ratio Lower Upper
95 100
97 63.6 44.4 82.5
132 89.9 61.8 114.8
130 93.6 66.6 123.8



#35
Methylcyclohexane
Concen: 115.561 ug/L
RT: 6.759 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VU055713.D
Acq: 10 Oct 2023 11:13

Tgt Ion: 83 Resp: 583031
Ion Ratio Lower Upper
83 100
55 75.1 61.2 91.8
98 44.6 35.8 53.6





#37

1,2-Dichloropropane

Concen: 108.911 ug/L

RT: 6.785 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU055713.D

Acq: 10 Oct 2023 11:13

Instrument :

MSVOA_U

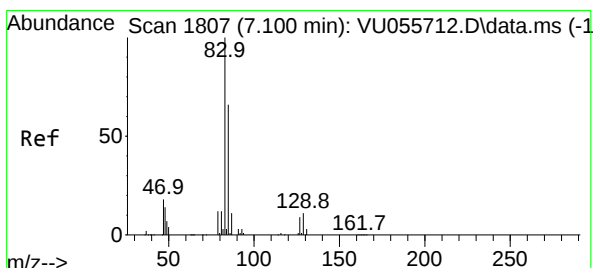
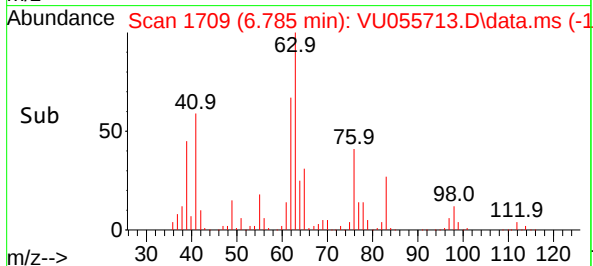
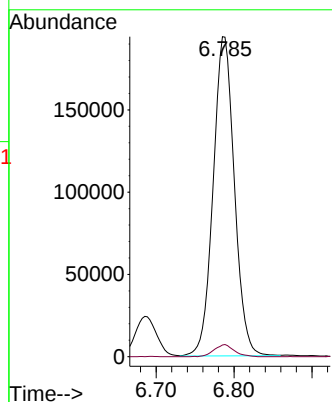
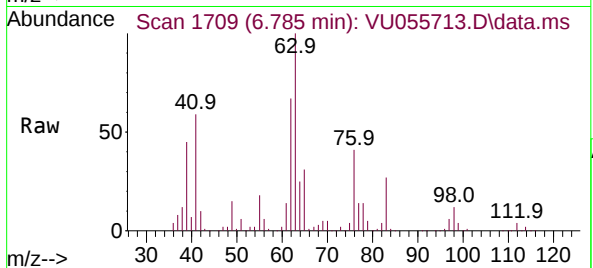
ClientSampleId :

Tgt Ion: 63 Resp: 368557

Ion Ratio Lower Upper

63 100

112 3.6 3.0 4.4



#38

Bromodichloromethane

Concen: 111.541 ug/L

RT: 7.100 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VU055713.D

Acq: 10 Oct 2023 11:13

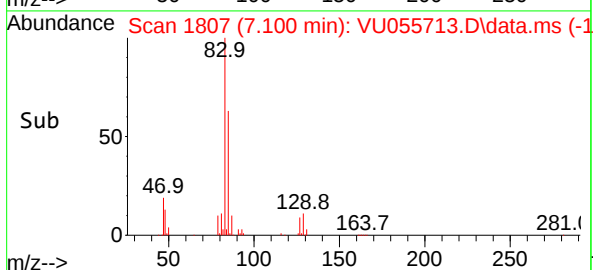
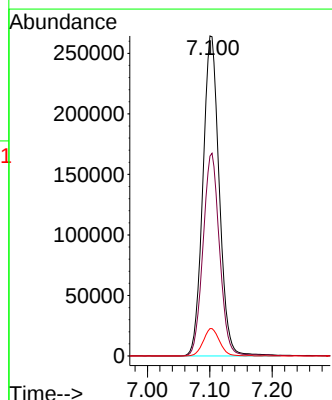
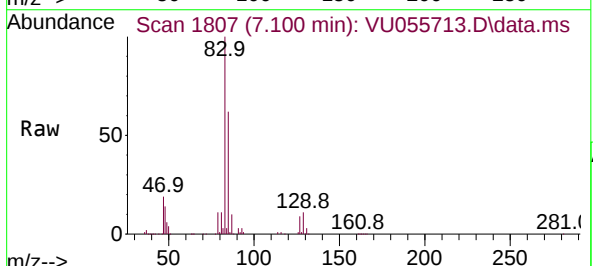
Tgt Ion: 83 Resp: 483011

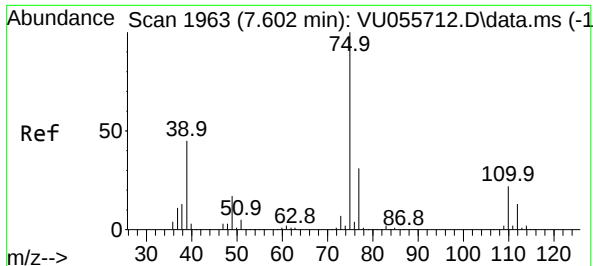
Ion Ratio Lower Upper

83 100

85 62.5 46.0 85.4

127 8.6 7.0 10.4





#39

cis-1,3-Dichloropropene

Concen: 108.850 ug/L

RT: 7.602 min Scan# 1963

Delta R.T. 0.000 min

Lab File: VU055713.D

Acq: 10 Oct 2023 11:13

Instrument :

MSVOA_U

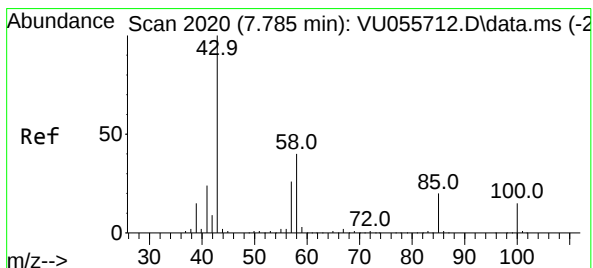
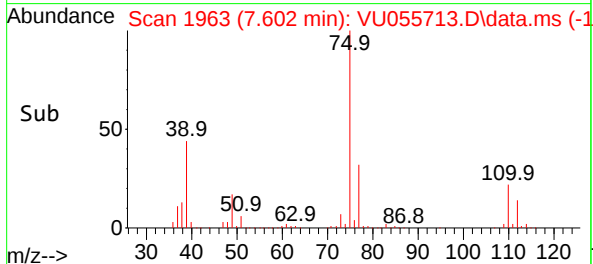
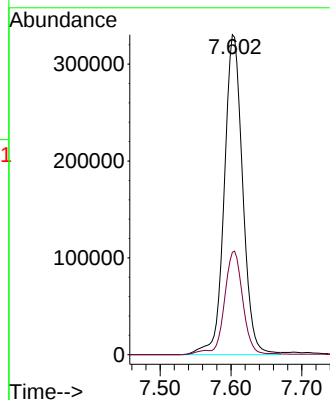
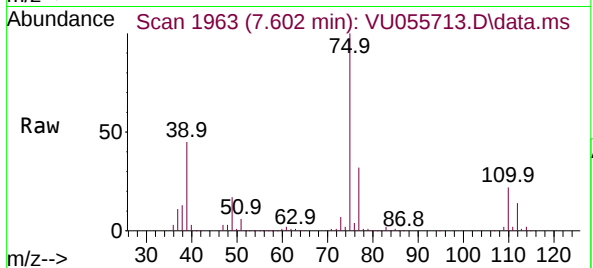
ClientSampleId :

Tgt Ion: 75 Resp: 598405

Ion Ratio Lower Upper

75 100

77 32.0 21.7 40.3



#40

4-Methyl-2-pentanone

Concen: 212.610 ug/L

RT: 7.785 min Scan# 2020

Delta R.T. 0.000 min

Lab File: VU055713.D

Acq: 10 Oct 2023 11:13

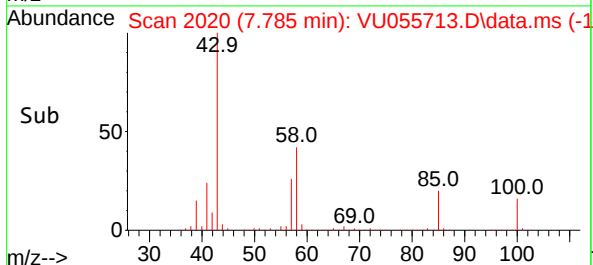
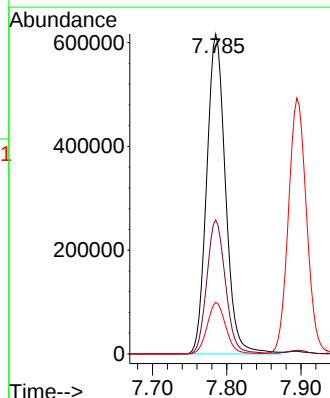
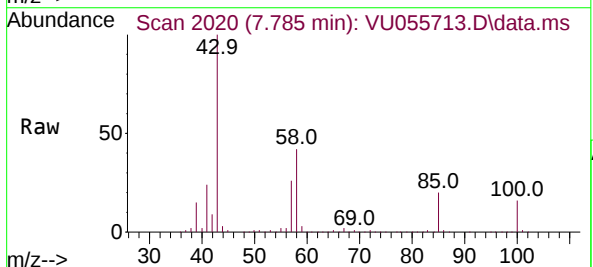
Tgt Ion: 43 Resp: 1082201

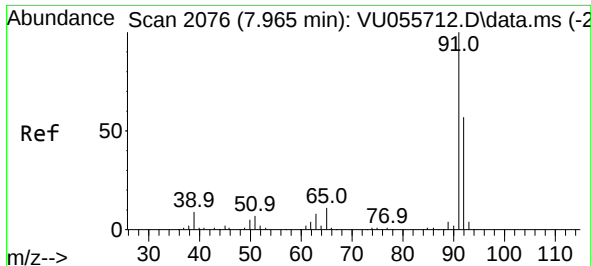
Ion Ratio Lower Upper

43 100

58 41.7 32.3 48.5

100 15.9 12.0 18.0





#42

Toluene

Concen: 108.735 ug/L

RT: 7.965 min Scan# 2076

Delta R.T. 0.000 min

Lab File: VU055713.D

Acq: 10 Oct 2023 11:13

Instrument :

MSVOA_U

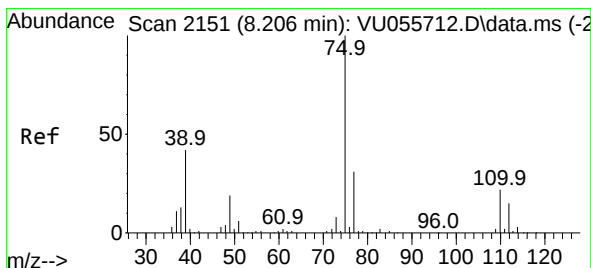
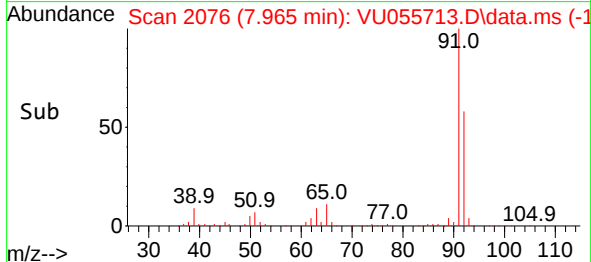
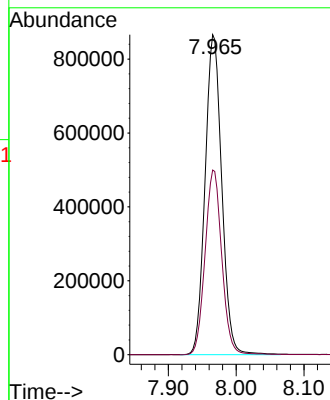
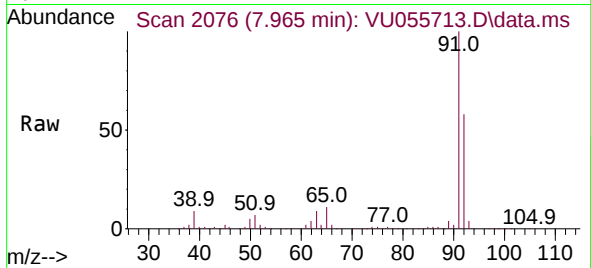
ClientSampleId :

Tgt Ion: 91 Resp: 1478932

Ion Ratio Lower Upper

91 100

92 57.7 40.0 74.4



#44

trans-1,3-Dichloropropene

Concen: 109.960 ug/L

RT: 8.206 min Scan# 2151

Delta R.T. 0.000 min

Lab File: VU055713.D

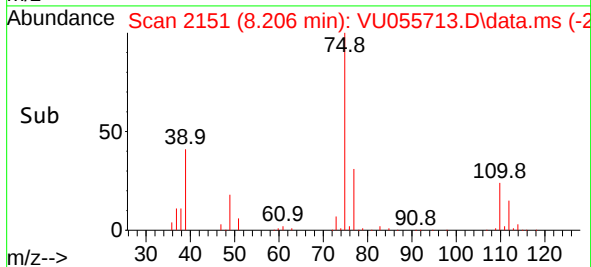
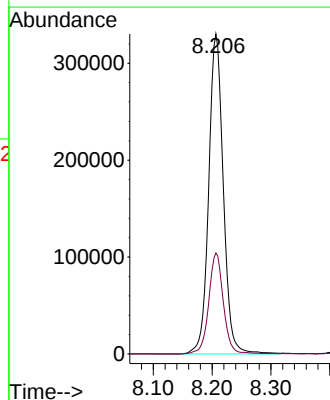
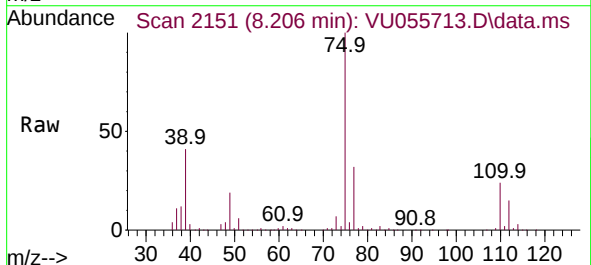
Acq: 10 Oct 2023 11:13

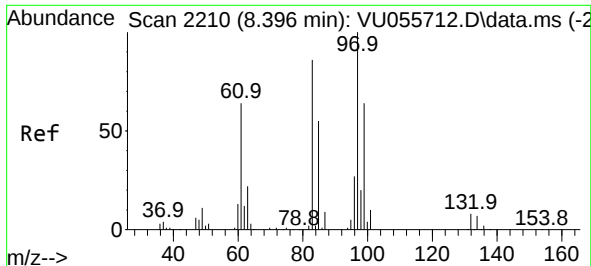
Tgt Ion: 75 Resp: 570386

Ion Ratio Lower Upper

75 100

77 31.6 21.6 40.2





#45

1,1,2-Trichloroethane

Concen: 104.354 ug/L

RT: 8.396 min Scan# 2210

Delta R.T. 0.000 min

Lab File: VU055713.D

Acq: 10 Oct 2023 11:13

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 97 Resp: 356190

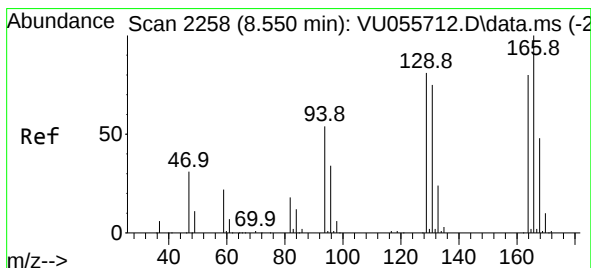
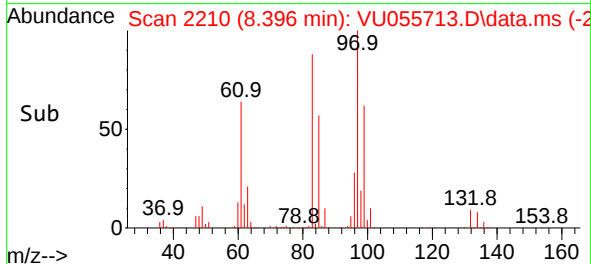
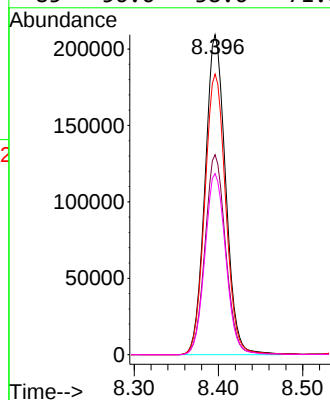
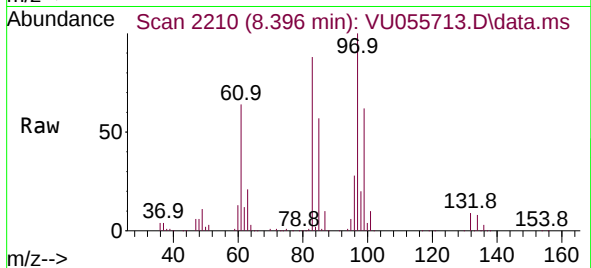
Ion Ratio Lower Upper

97 100

99 62.5 44.4 82.5

83 87.7 60.4 112.2

85 56.6 38.6 71.8



#46

Tetrachloroethene

Concen: 110.631 ug/L

RT: 8.550 min Scan# 2258

Delta R.T. 0.000 min

Lab File: VU055713.D

Acq: 10 Oct 2023 11:13

Tgt Ion:164 Resp: 263550

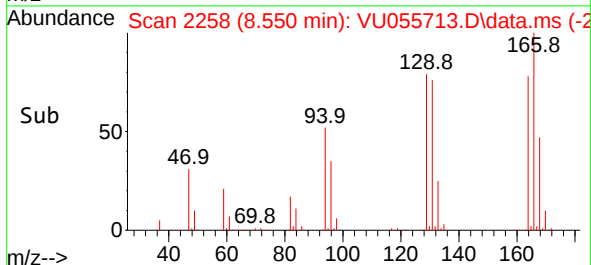
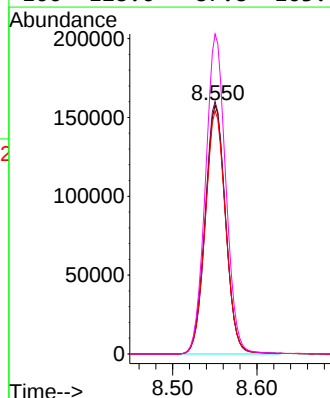
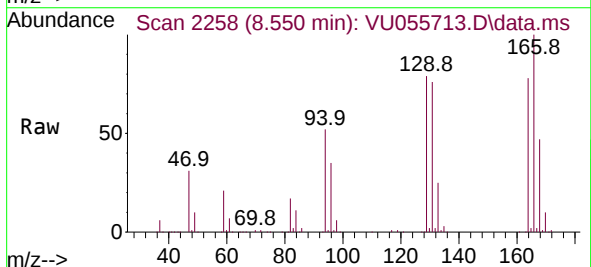
Ion Ratio Lower Upper

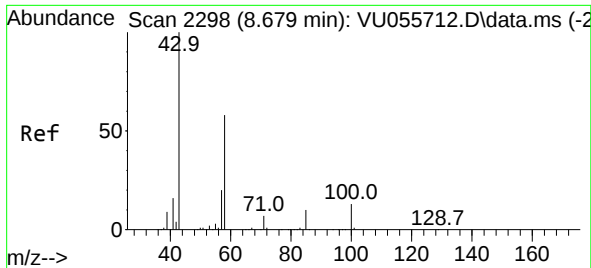
164 100

129 101.5 70.7 131.3

131 97.8 65.9 122.5

166 128.6 87.8 163.0

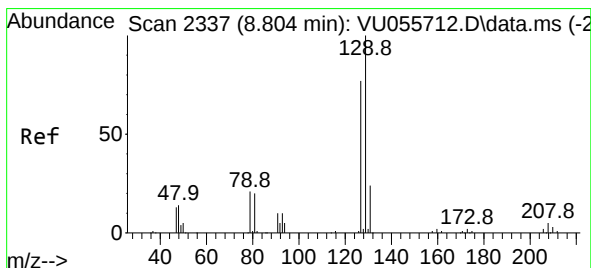
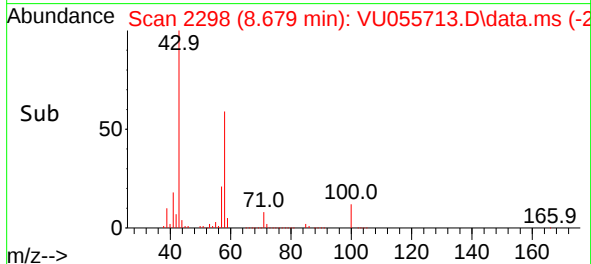
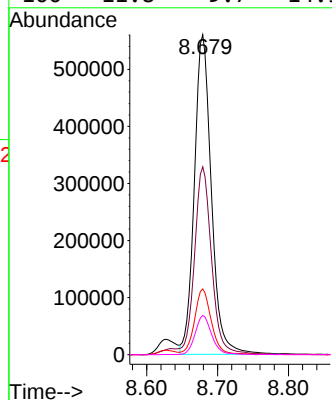
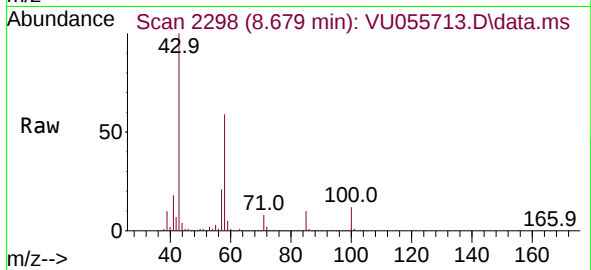




#48
2-Hexanone
Concen: 220.316 ug/L
RT: 8.679 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU055713.D
Acq: 10 Oct 2023 11:13

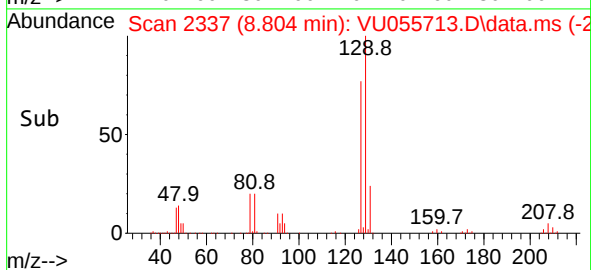
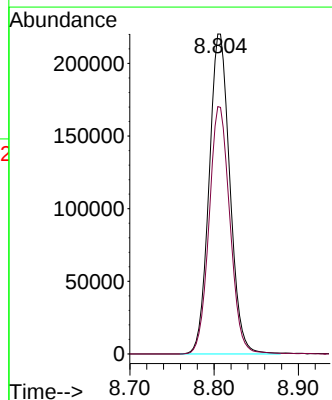
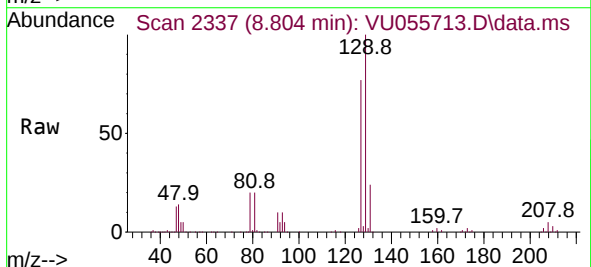
Instrument :
MSVOA_U
ClientSampleId :

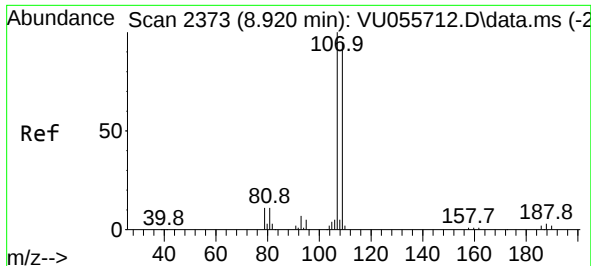
Tgt Ion: 43 Resp: 938487
Ion Ratio Lower Upper
43 100
58 57.8 45.2 67.8
57 20.3 16.1 24.1
100 11.8 9.7 14.5



#49
Dibromochloromethane
Concen: 107.358 ug/L
RT: 8.804 min Scan# 2337
Delta R.T. 0.000 min
Lab File: VU055713.D
Acq: 10 Oct 2023 11:13

Tgt Ion:129 Resp: 377109
Ion Ratio Lower Upper
129 100
127 77.3 54.0 100.4





#50

1,2-Dibromoethane

Concen: 106.956 ug/L

RT: 8.920 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU055713.D

Acq: 10 Oct 2023 11:13

Instrument :

MSVOA_U

ClientSampleId :

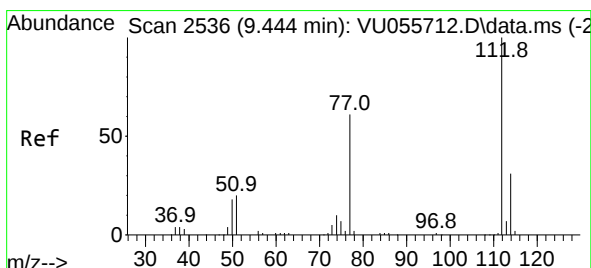
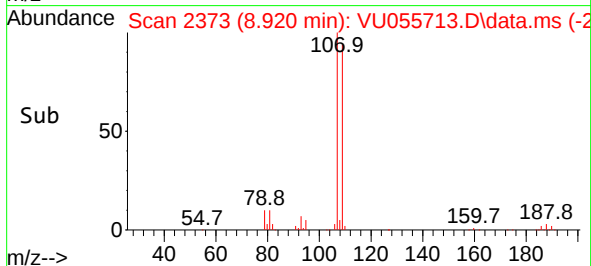
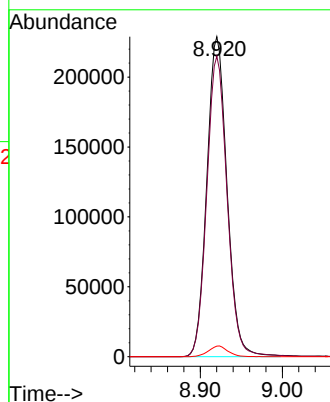
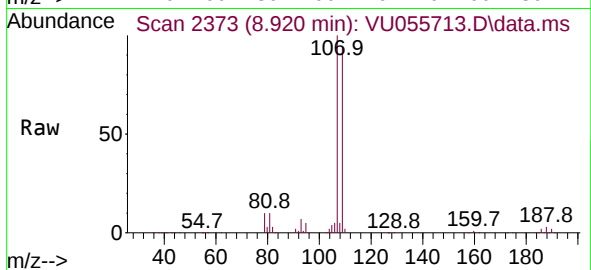
Tgt Ion:107 Resp: 391339

Ion Ratio Lower Upper

107 100

109 93.9 66.7 123.9

188 3.3 2.6 4.0



#51

Chlorobenzene

Concen: 104.813 ug/L

RT: 9.444 min Scan# 2536

Delta R.T. 0.000 min

Lab File: VU055713.D

Acq: 10 Oct 2023 11:13

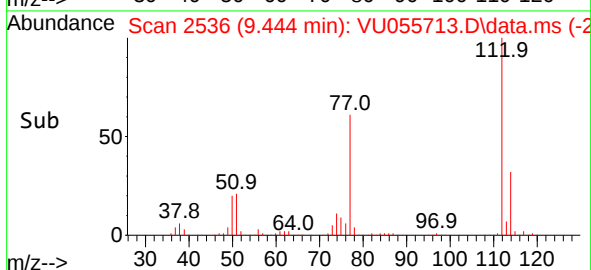
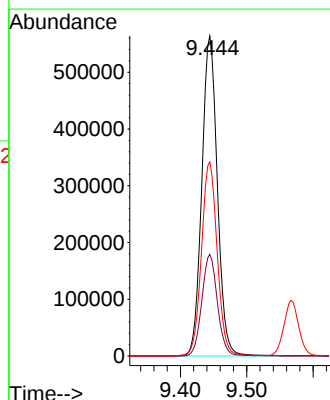
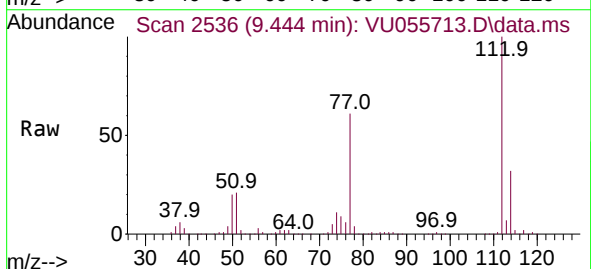
Tgt Ion:112 Resp: 918717

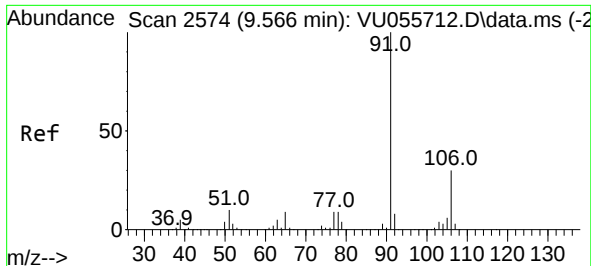
Ion Ratio Lower Upper

112 100

114 31.7 22.0 40.8

77 60.7 49.0 73.6

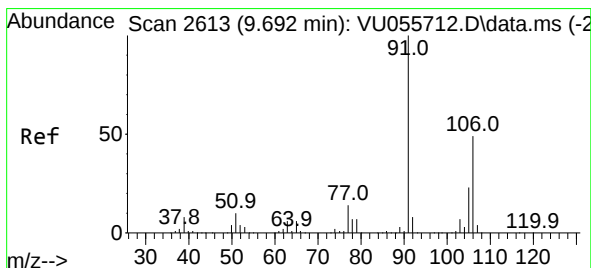
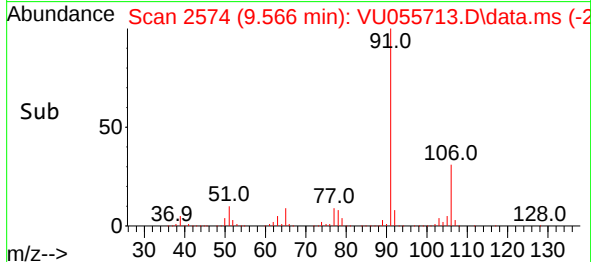
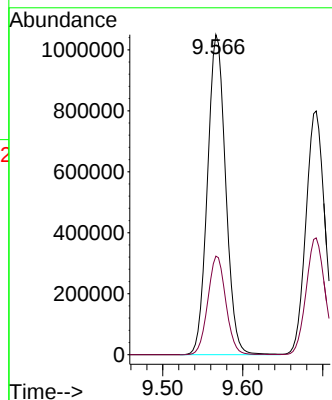
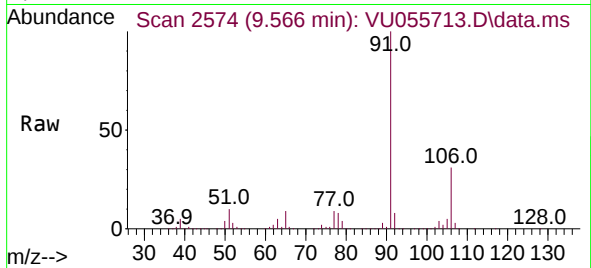




#52
Ethylbenzene
Concen: 107.076 ug/L
RT: 9.566 min Scan# 2574
Delta R.T. 0.000 min
Lab File: VU055713.D
Acq: 10 Oct 2023 11:13

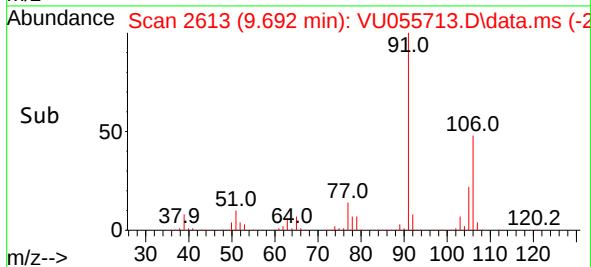
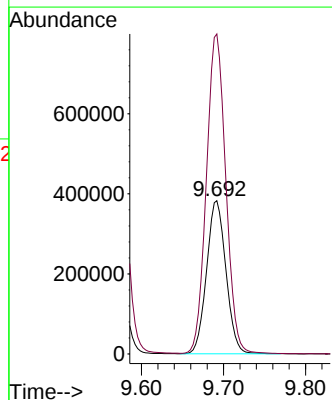
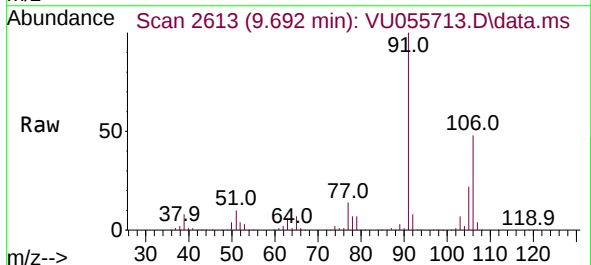
Instrument :
MSVOA_U
ClientSampleId :

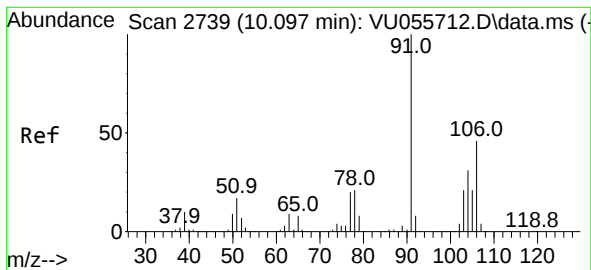
Tgt Ion: 91 Resp: 1659831
Ion Ratio Lower Upper
91 100
106 30.8 21.2 39.4



#53
m,p-Xylene
Concen: 106.286 ug/L
RT: 9.692 min Scan# 2613
Delta R.T. 0.000 min
Lab File: VU055713.D
Acq: 10 Oct 2023 11:13

Tgt Ion:106 Resp: 627804
Ion Ratio Lower Upper
106 100
91 208.8 143.8 267.0





#54

o-Xylene

Concen: 101.095 ug/L

RT: 10.097 min Scan# 2739

Delta R.T. 0.000 min

Lab File: VU055713.D

Acq: 10 Oct 2023 11:13

Instrument :

MSVOA_U

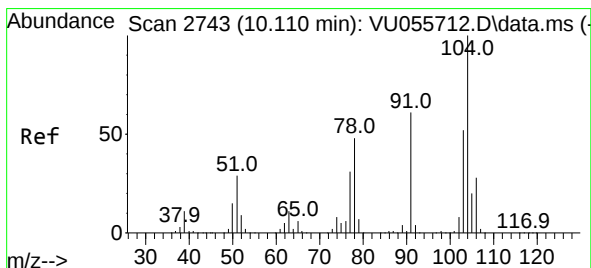
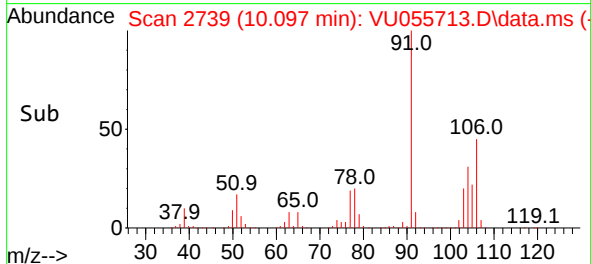
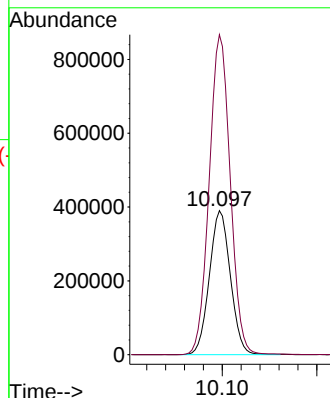
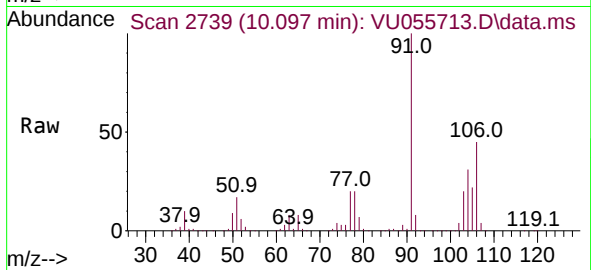
ClientSampleId :

Tgt Ion:106 Resp: 602252

Ion Ratio Lower Upper

106 100

91 222.1 151.8 282.0



#55

Styrene

Concen: 102.466 ug/L

RT: 10.110 min Scan# 2743

Delta R.T. 0.000 min

Lab File: VU055713.D

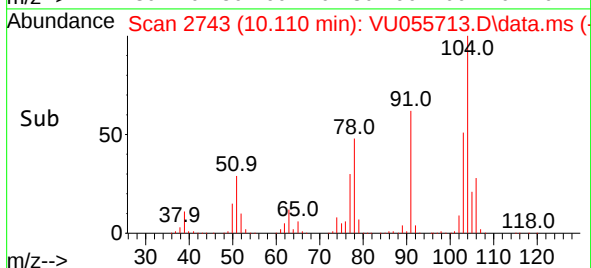
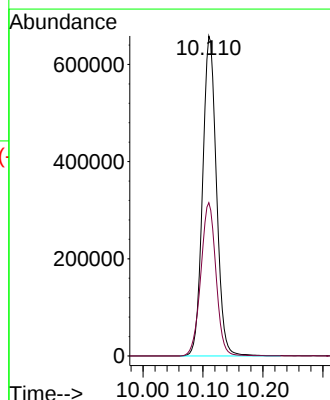
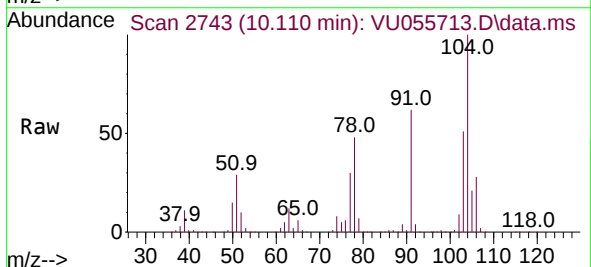
Acq: 10 Oct 2023 11:13

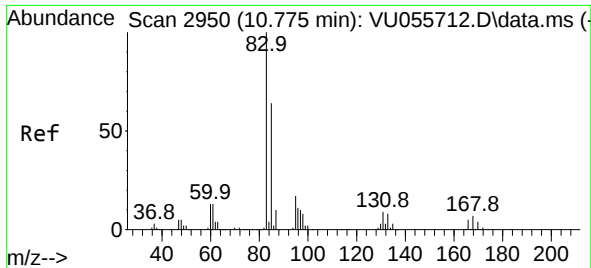
Tgt Ion:104 Resp: 1061717

Ion Ratio Lower Upper

104 100

78 47.9 33.6 62.4

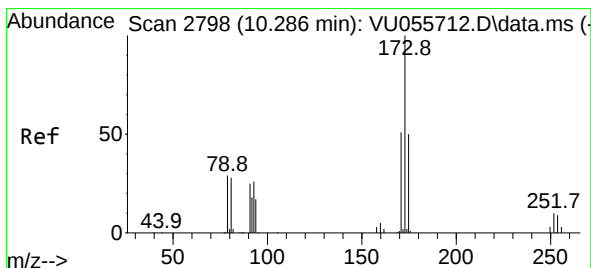
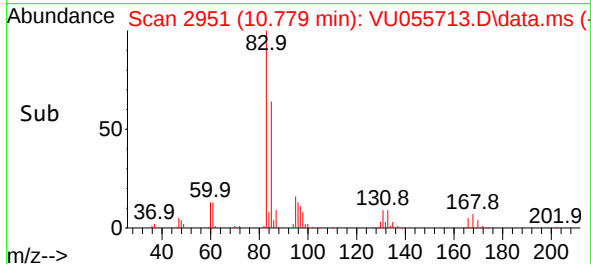
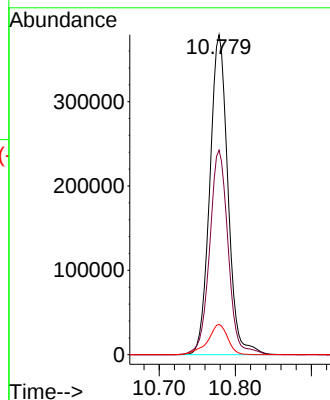
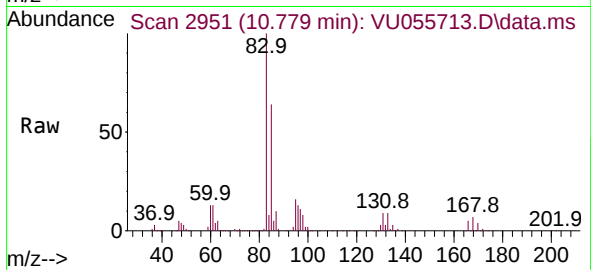




#57
1,1,2,2-Tetrachloroethane
Concen: 95.644 ug/L
RT: 10.779 min Scan# 2950
Delta R.T. 0.003 min
Lab File: VU055713.D
Acq: 10 Oct 2023 11:13

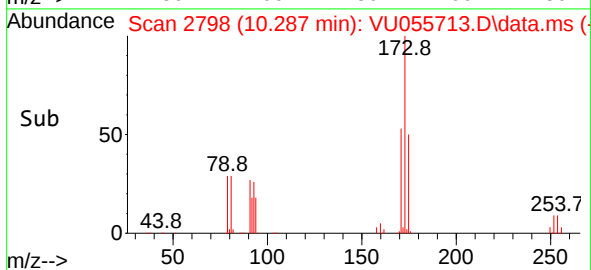
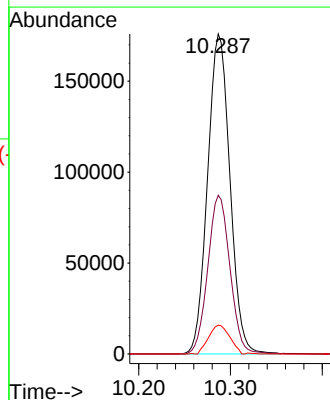
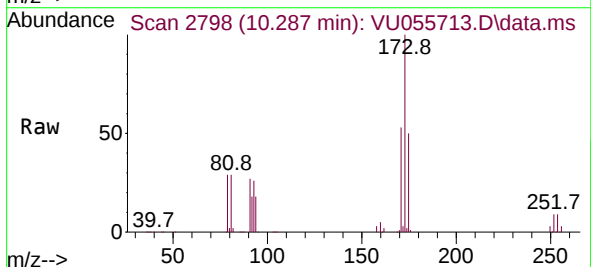
Instrument :
MSVOA_U
ClientSampleId :

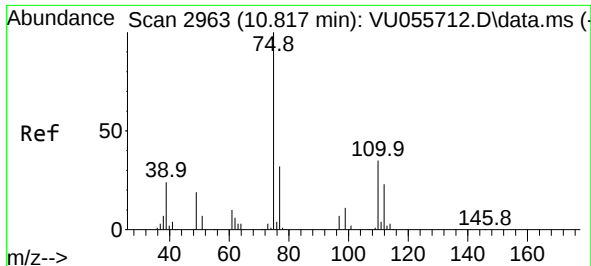
Tgt Ion: 83 Resp: 626563
Ion Ratio Lower Upper
83 100
85 63.9 44.9 83.5
131 9.5 7.3 10.9



#59
Bromoform
Concen: 99.475 ug/L
RT: 10.287 min Scan# 2798
Delta R.T. 0.000 min
Lab File: VU055713.D
Acq: 10 Oct 2023 11:13

Tgt Ion:173 Resp: 298374
Ion Ratio Lower Upper
173 100
175 49.0 40.4 60.6
254 8.5 7.3 10.9

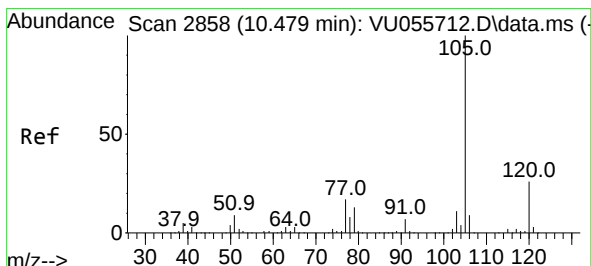
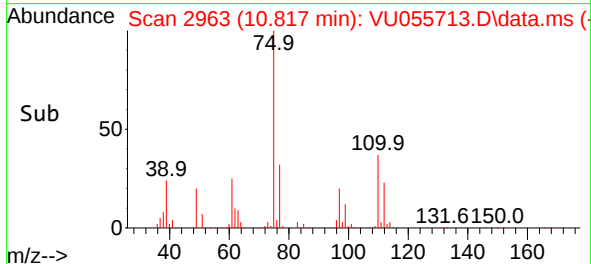
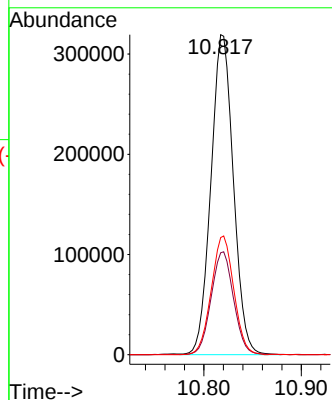
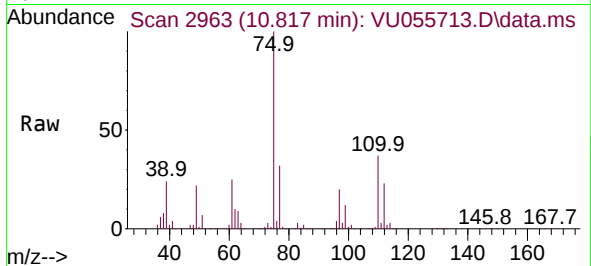




#60
1,2,3-Trichloropropane
Concen: 106.817 ug/L
RT: 10.817 min Scan# 2963
Delta R.T. 0.000 min
Lab File: VU055713.D
Acq: 10 Oct 2023 11:13

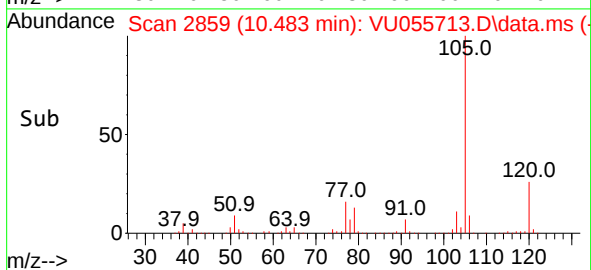
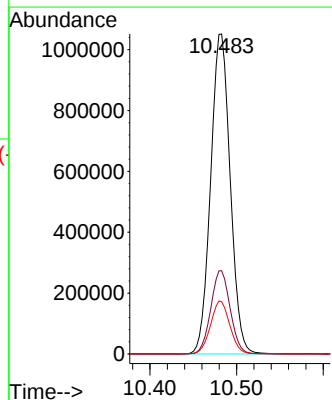
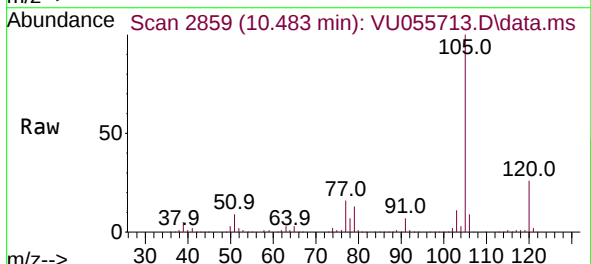
Instrument :
MSVOA_U
ClientSampleId :

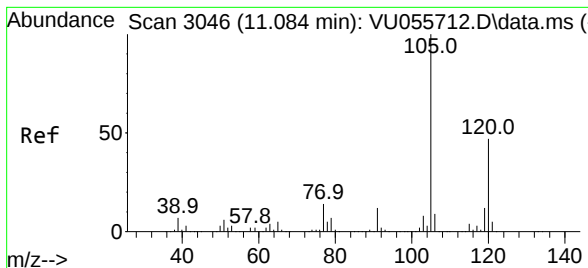
Tgt Ion: 75 Resp: 511296
Ion Ratio Lower Upper
75 100
77 32.1 25.8 38.8
110 37.1 28.5 42.7



#61
Isopropylbenzene
Concen: 104.256 ug/L
RT: 10.483 min Scan# 2859
Delta R.T. 0.003 min
Lab File: VU055713.D
Acq: 10 Oct 2023 11:13

Tgt Ion: 105 Resp: 1650137
Ion Ratio Lower Upper
105 100
120 25.8 20.6 30.8
77 16.4 13.4 20.0

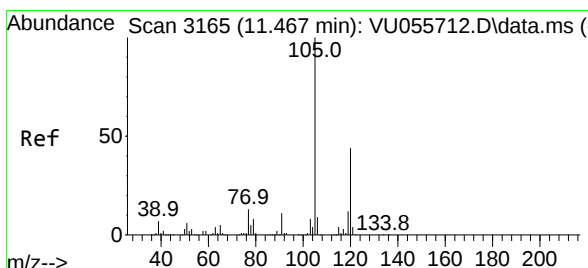
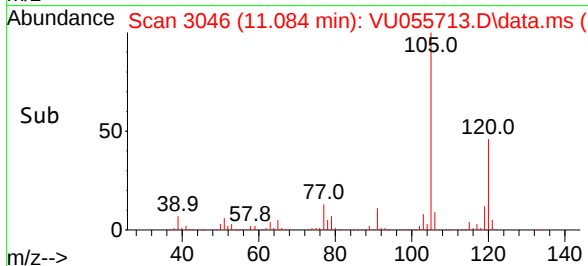
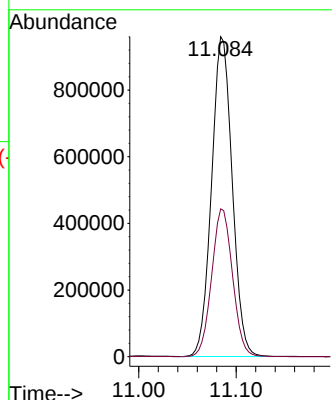
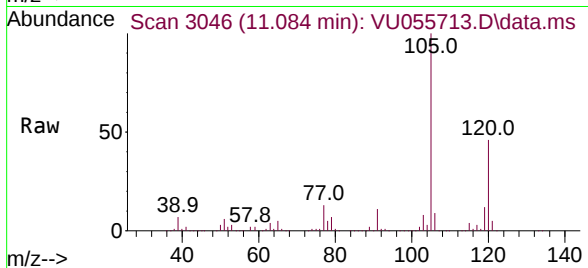




#62
 1,3,5-Trimethylbenzene
 Concen: 108.464 ug/L
 RT: 11.084 min Scan# 3046
 Delta R.T. 0.000 min
 Lab File: VU055713.D
 Acq: 10 Oct 2023 11:13

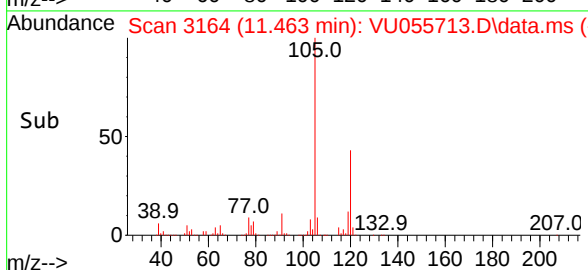
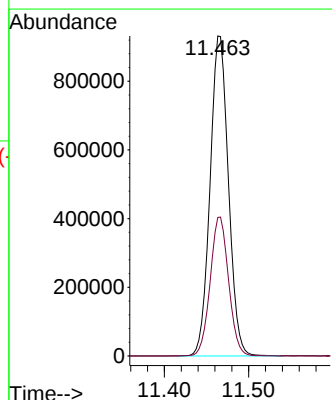
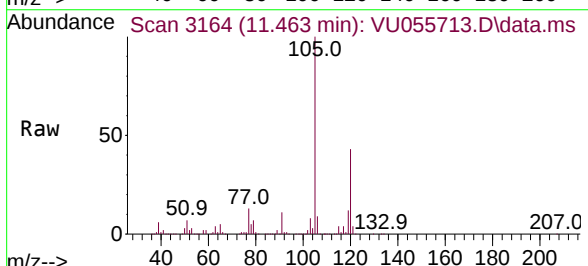
Instrument :
 MSVOA_U
 ClientSampleId :

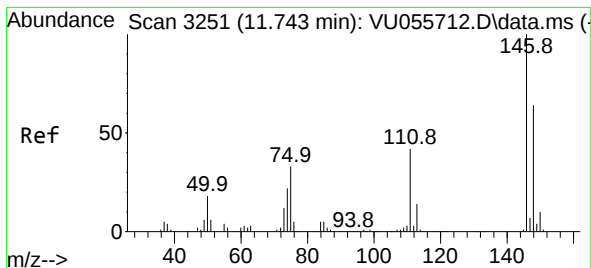
Tgt Ion:105 Resp: 1411786
 Ion Ratio Lower Upper
 105 100
 120 46.8 37.7 56.5



#63
 1,2,4-Trimethylbenzene
 Concen: 109.192 ug/L
 RT: 11.463 min Scan# 3164
 Delta R.T. -0.003 min
 Lab File: VU055713.D
 Acq: 10 Oct 2023 11:13

Tgt Ion:105 Resp: 1411374
 Ion Ratio Lower Upper
 105 100
 120 43.6 35.0 52.4





#64

1,3-Dichlorobenzene

Concen: 104.355 ug/L

RT: 11.743 min Scan# 3251

Delta R.T. 0.000 min

Lab File: VU055713.D

Acq: 10 Oct 2023 11:13

Instrument :

MSVOA_U

ClientSampleId :

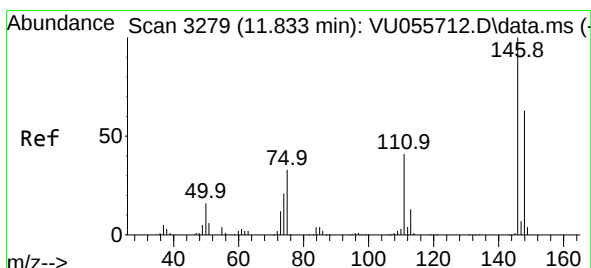
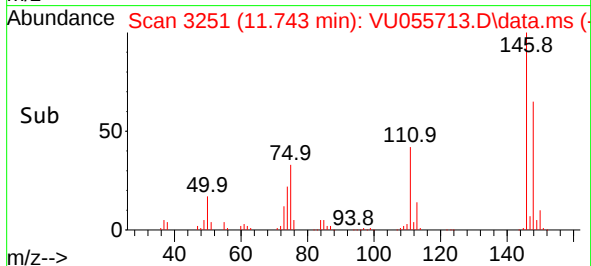
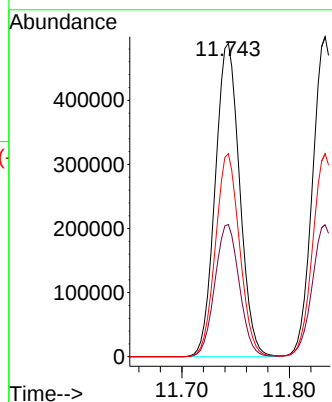
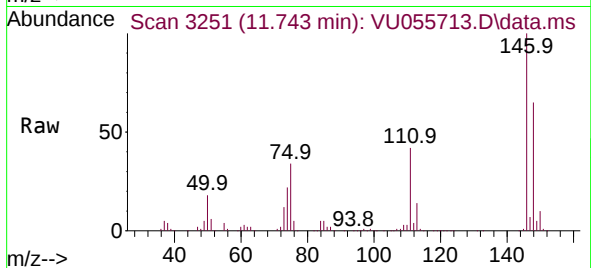
Tgt Ion:146 Resp: 771655

Ion Ratio Lower Upper

146 100

111 42.1 29.7 55.1

148 64.8 45.0 83.6



#65

1,4-Dichlorobenzene

Concen: 105.013 ug/L

RT: 11.833 min Scan# 3279

Delta R.T. 0.000 min

Lab File: VU055713.D

Acq: 10 Oct 2023 11:13

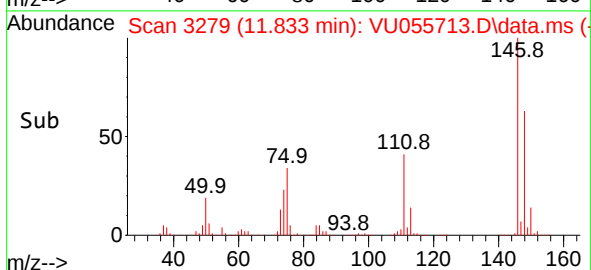
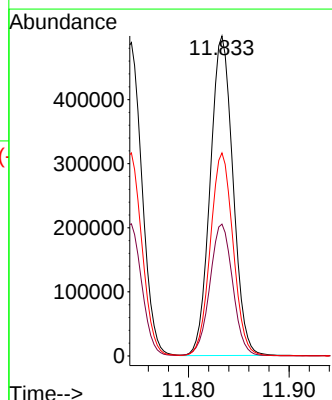
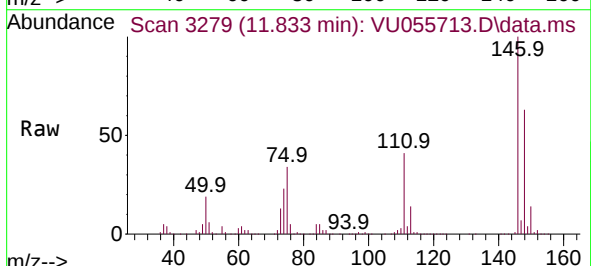
Tgt Ion:146 Resp: 784099

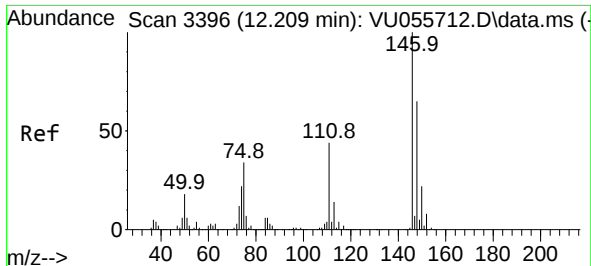
Ion Ratio Lower Upper

146 100

111 41.2 28.6 53.0

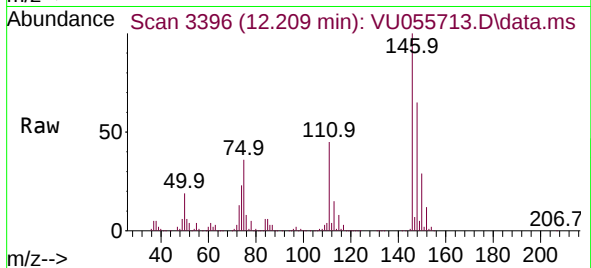
148 63.4 44.2 82.0



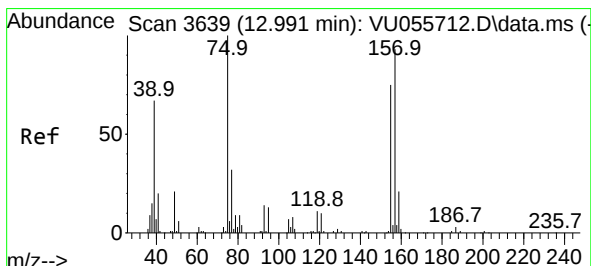
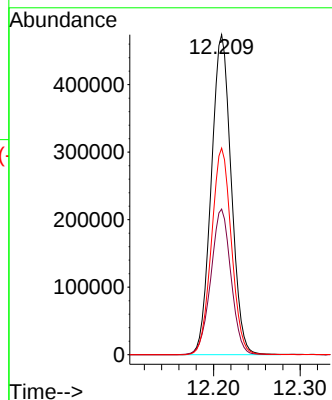
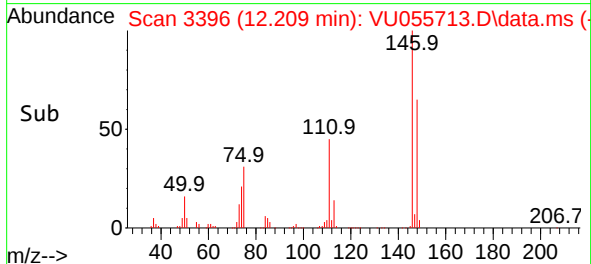


#67
1,2-Dichlorobenzene
Concen: 102.423 ug/L
RT: 12.209 min Scan# 3396
Delta R.T. 0.000 min
Lab File: VU055713.D
Acq: 10 Oct 2023 11:13

Instrument :
MSVOA_U
ClientSampleId :

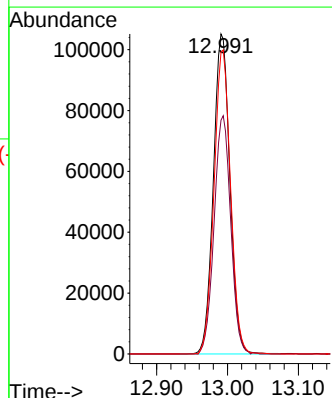
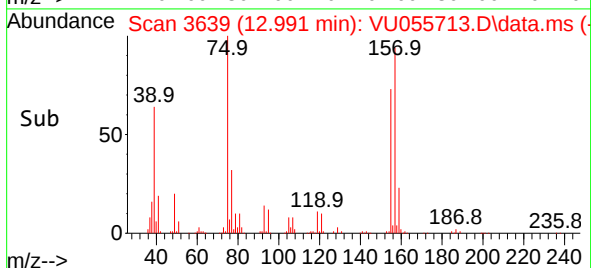
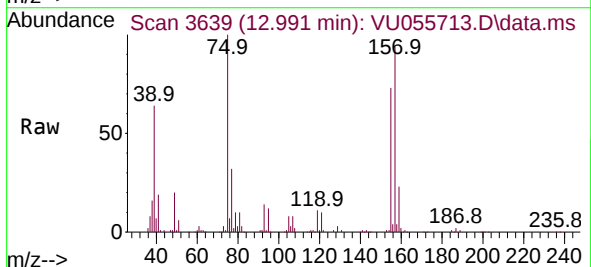


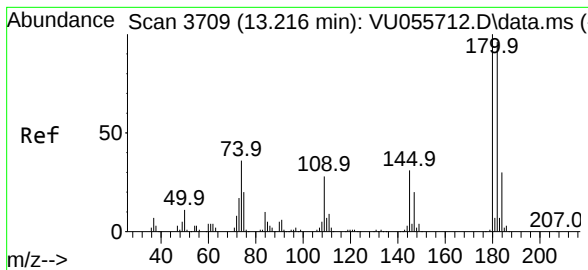
Tgt Ion:146 Resp: 757626
Ion Ratio Lower Upper
146 100
111 45.5 35.2 52.8
148 64.6 52.3 78.5



#68
1,2-Dibromo-3-chloropropane
Concen: 128.119 ug/L
RT: 12.991 min Scan# 3639
Delta R.T. 0.000 min
Lab File: VU055713.D
Acq: 10 Oct 2023 11:13

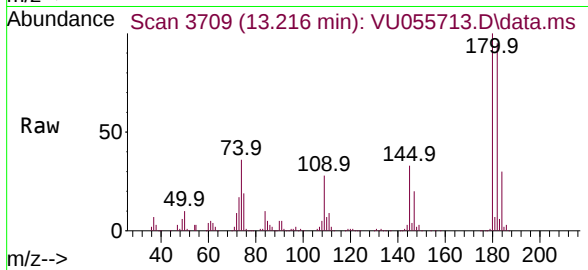
Tgt Ion: 75 Resp: 170769
Ion Ratio Lower Upper
75 100
155 76.7 59.6 89.4
157 98.0 77.7 116.5



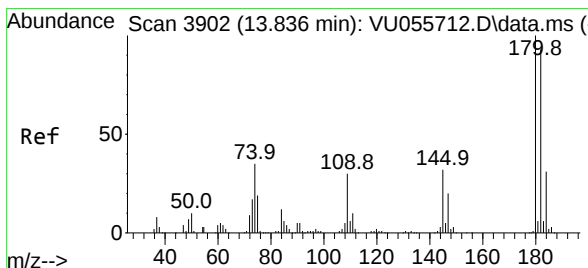
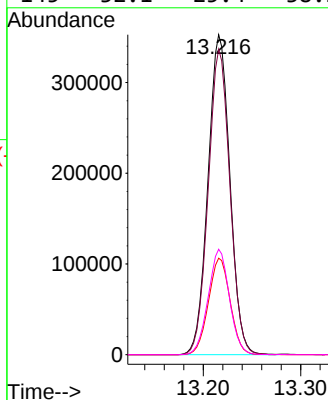
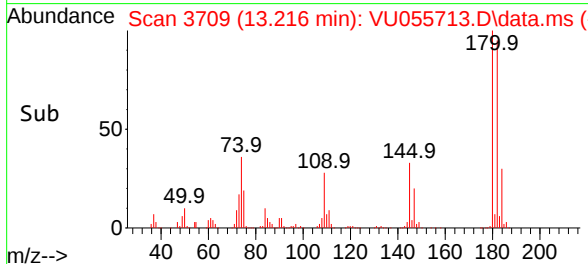


#69
 1,3,5-Trichlorobenzene
 Concen: 111.438 ug/L
 RT: 13.216 min Scan# 3709
 Delta R.T. 0.000 min
 Lab File: VU055713.D
 Acq: 10 Oct 2023 11:13

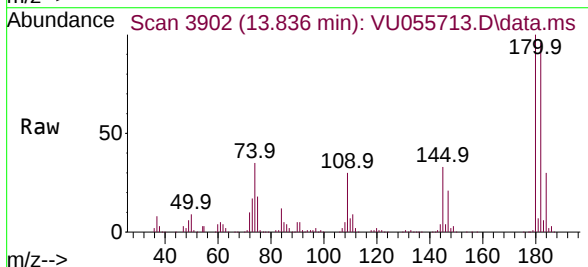
Instrument :
 MSVOA_U
 ClientSampleId :



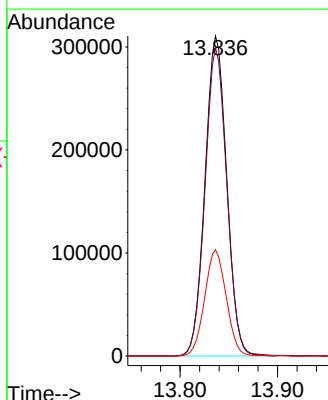
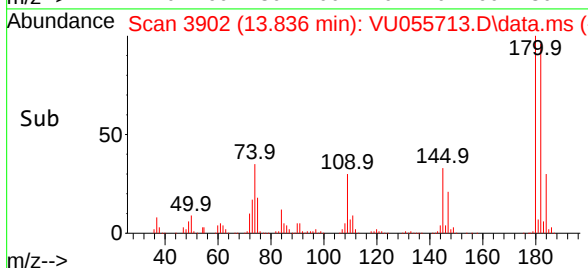
Tgt Ion:180 Resp: 549772
 Ion Ratio Lower Upper
 180 100
 182 94.5 76.2 114.2
 184 30.0 23.9 35.9
 145 32.1 25.4 38.2

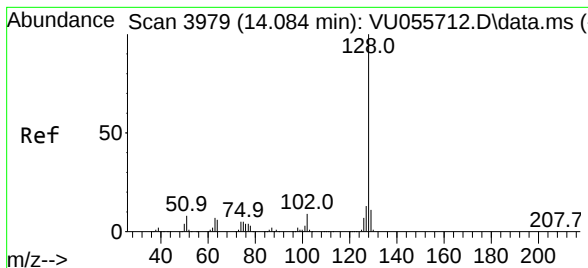


#70
 1,2,4-trichlorobenzene
 Concen: 114.166 ug/L
 RT: 13.836 min Scan# 3902
 Delta R.T. 0.000 min
 Lab File: VU055713.D
 Acq: 10 Oct 2023 11:13



Tgt Ion:180 Resp: 481381
 Ion Ratio Lower Upper
 180 100
 182 96.2 75.4 113.2
 145 32.9 26.1 39.1

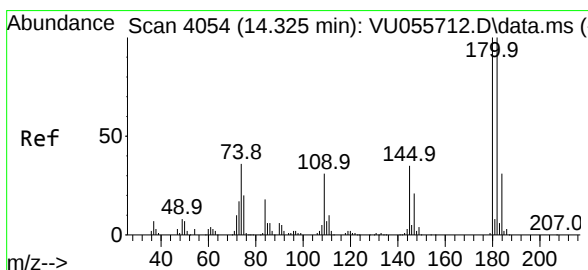
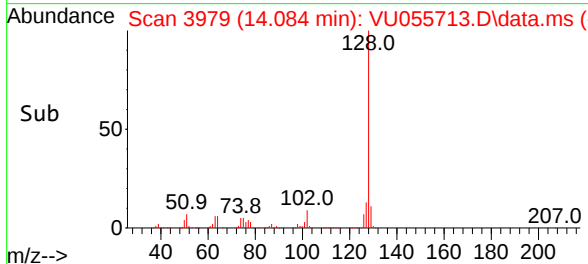
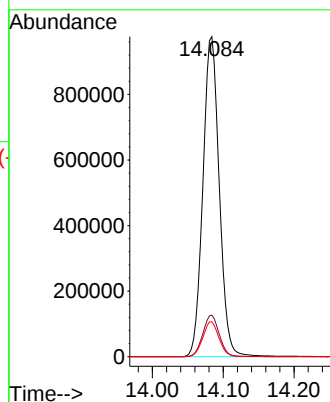
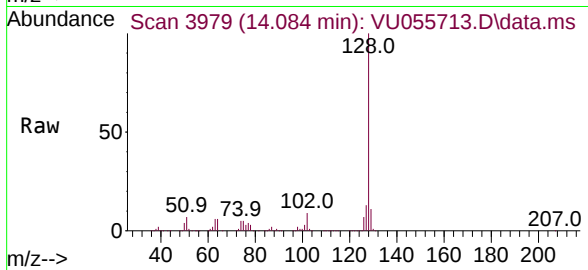




#71
Naphthalene
Concen: 114.310 ug/L
RT: 14.084 min Scan# 3979
Delta R.T. 0.000 min
Lab File: VU055713.D
Acq: 10 Oct 2023 11:13

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 1563783
Ion Ratio Lower Upper
128 100
127 13.0 10.6 16.0
129 10.8 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 116.289 ug/L
RT: 14.325 min Scan# 4054
Delta R.T. 0.000 min
Lab File: VU055713.D
Acq: 10 Oct 2023 11:13

Tgt Ion:180 Resp: 481426
Ion Ratio Lower Upper
180 100
182 94.8 78.1 117.1
145 34.5 27.4 41.0

