

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101023\
 Data File : VU055712.D
 Acq On : 10 Oct 2023 10:40
 Operator : MD/SY
 Sample : VSTD05037
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 11 05:00:15 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	399103	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	403996	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	226623	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	175862	55.751	ug/L	0.00
7) Chloroethane-d5	1.911	69	144667	47.630	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.567	63	314902	66.025	ug/L	0.00
21) 2-Butanone-d5	4.611	46	272652	129.083	ug/L	0.00
24) Chloroform-d	5.058	84	341997	65.737	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.698	65	215287	68.173	ug/L	0.00
32) Benzene-d6	5.724	84	673292	65.375	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.685	67	212385	61.812	ug/L	0.00
41) Toluene-d8	7.894	98	613144	63.052	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.177	79	101926	58.935	ug/L	0.00
47) 2-Hexanone-d5	8.627	63	170126	110.201	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.753	84	317685	52.944	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.190	152	226286	57.050	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	156636	51.685	ug/L	100
3) Chloromethane	1.518	50	152227	45.549	ug/L	100
5) Vinyl chloride	1.602	62	164903	39.165	ug/L	100
6) Bromomethane	1.853	94	107597	41.317	ug/L	100
8) Chloroethane	1.930	64	108159	37.448	ug/L	100
9) Trichlorofluoromethane	2.139	101	235066	35.524	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.579	101	148308	55.089	ug/L	100
12) 1,1-Dichloroethene	2.579	96	134785	53.748	ug/L	100
13) Acetone	2.618	43	237104	130.295	ug/L	100
14) Carbon disulfide	2.792	76	411439	55.427	ug/L	100
15) Methyl Acetate	2.943	43	189101	64.028	ug/L	100
16) Methylene chloride	3.042	84	163492	53.854	ug/L	100
17) trans-1,2-Dichloroethene	3.351	96	138695	53.370	ug/L	100
18) Methyl tert-butyl Ether	3.357	73	455135	51.326	ug/L	100
19) 1,1-Dichloroethane	3.866	63	288562	57.328	ug/L	100
20) cis-1,2-Dichloroethene	4.663	96	163473	53.123	ug/L	100
22) 2-Butanone	4.692	43	297265	122.413	ug/L	100
23) Bromochloromethane	4.972	128	85232	54.133	ug/L	100
25) Chloroform	5.084	83	300660	57.019	ug/L	100
27) 1,2-Dichloroethane	5.788	62	243235	59.723	ug/L	100
29) Cyclohexane	5.386	56	233194	52.018	ug/L	100
30) 1,1,1-Trichloroethane	5.312	97	260632	56.955	ug/L	100
31) Carbon tetrachloride	5.521	117	225983	57.144	ug/L	100
33) Benzene	5.769	78	651096	55.518	ug/L	100
34) Trichloroethene	6.537	95	171814	57.049	ug/L	100
35) Methylcyclohexane	6.759	83	247357	51.269	ug/L	100
37) 1,2-Dichloropropane	6.785	63	180159	55.672	ug/L	100
38) Bromodichloromethane	7.100	83	229977	55.536	ug/L	100
39) cis-1,3-Dichloropropene	7.602	75	273832	52.087	ug/L	100
40) 4-Methyl-2-pentanone	7.785	43	508604	104.488	ug/L	100
42) Toluene	7.965	91	695461	53.470	ug/L	100
44) trans-1,3-Dichloropropene	8.206	75	262293	52.877	ug/L	100

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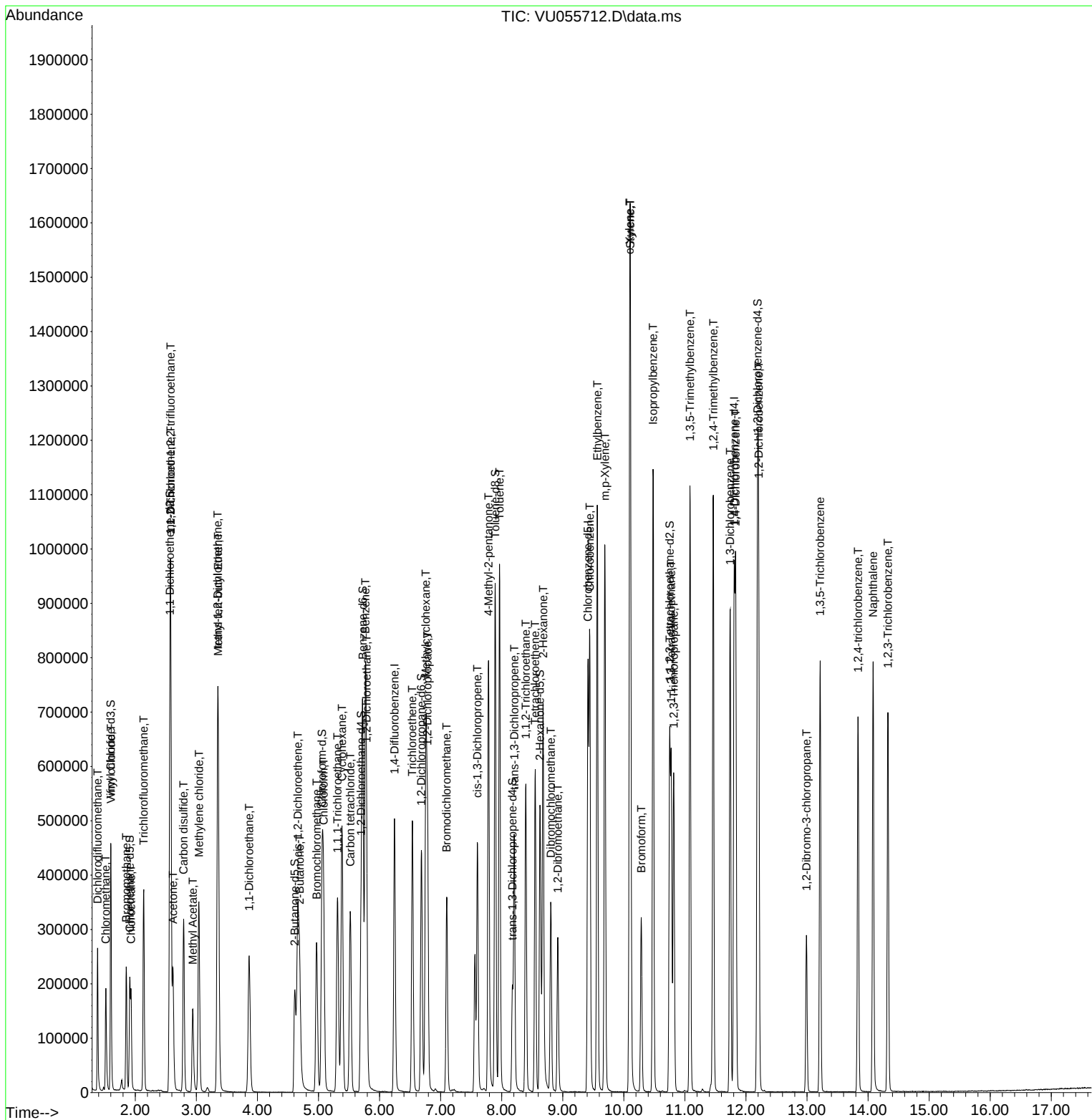
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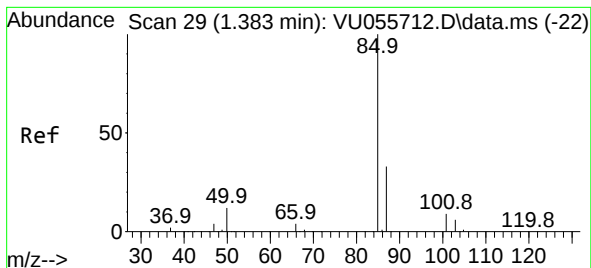
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.396	97	173291	53.090	ug/L	100
46) Tetrachloroethene	8.550	164	123080	54.027	ug/L	100
48) 2-Hexanone	8.679	43	432865	106.263	ug/L	100
49) Dibromochloromethane	8.804	129	176310	52.488	ug/L	100
50) 1,2-Dibromoethane	8.920	107	185204	52.932	ug/L	100
51) Chlorobenzene	9.444	112	432166	51.558	ug/L	100
52) Ethylbenzene	9.566	91	738386	49.811	ug/L	100
53) m,p-Xylene	9.692	106	283859	50.254	ug/L	100
54) o-Xylene	10.097	106	275720	48.398	ug/L	100
55) Styrene	10.110	104	482707	48.715	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.775	83	296165	47.276	ug/L	100
59) Bromoform	10.286	173	137330	49.150	ug/L	100
60) 1,2,3-Trichloropropane	10.817	75	243894	54.698	ug/L	100
61) Isopropylbenzene	10.479	105	724932	49.167	ug/L	100
62) 1,3,5-Trimethylbenzene	11.084	105	591909	48.817	ug/L	100
63) 1,2,4-Trimethylbenzene	11.467	105	593991	49.332	ug/L	100
64) 1,3-Dichlorobenzene	11.743	146	346921	50.364	ug/L	100
65) 1,4-Dichlorobenzene	11.833	146	352746	50.715	ug/L	100
67) 1,2-Dichlorobenzene	12.209	146	349393	50.706	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.991	75	75119	60.500	ug/L	100
69) 1,3,5-Trichlorobenzene	13.216	180	228642	49.752	ug/L	100
70) 1,2,4-trichlorobenzene	13.836	180	192745	49.072	ug/L	100
71) Naphthalene	14.084	128	608209	47.727	ug/L	100
72) 1,2,3-Trichlorobenzene	14.325	180	196101	50.850	ug/L	100

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

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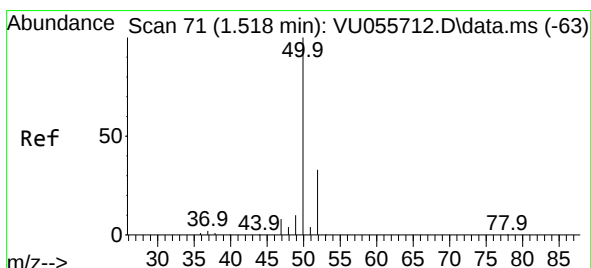
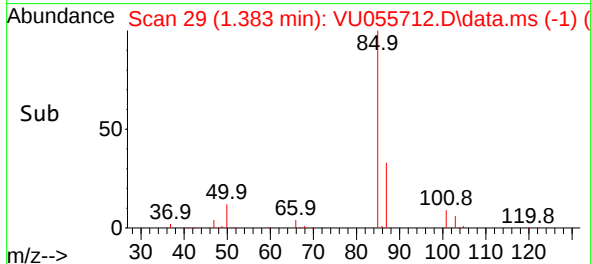
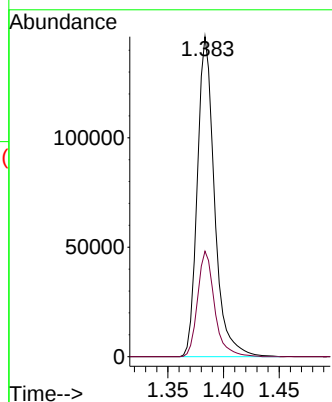
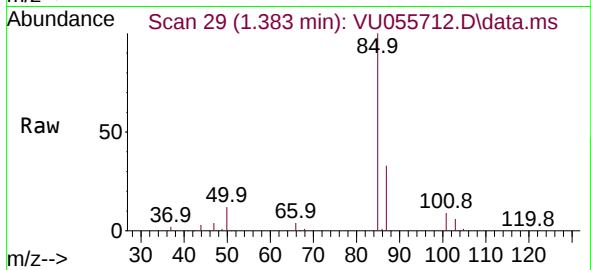




#2
 Dichlorodifluoromethane
 Concen: 51.685 ug/L
 RT: 1.383 min Scan# 29
 Delta R.T. 0.000 min
 Lab File: VU055712.D
 Acq: 10 Oct 2023 10:40

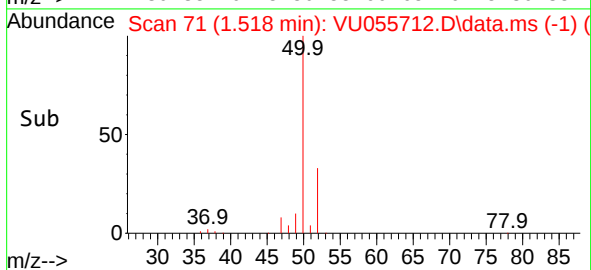
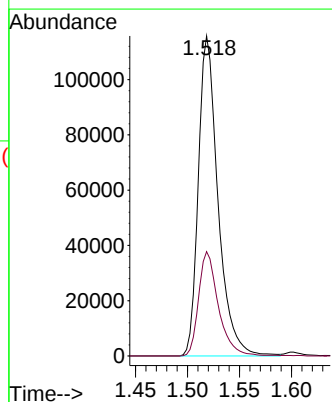
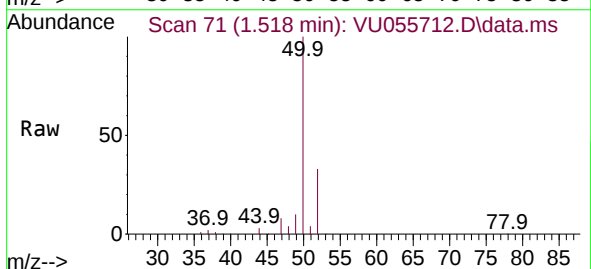
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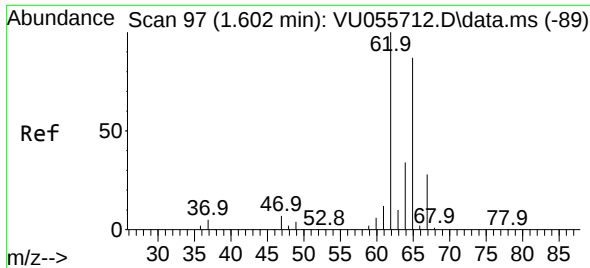
Tgt Ion: 85 Resp: 156636
 Ion Ratio Lower Upper
 85 100
 87 32.5 26.0 39.0



#3
 Chloromethane
 Concen: 45.549 ug/L
 RT: 1.518 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VU055712.D
 Acq: 10 Oct 2023 10:40

Tgt Ion: 50 Resp: 152227
 Ion Ratio Lower Upper
 50 100
 52 32.6 22.8 42.4

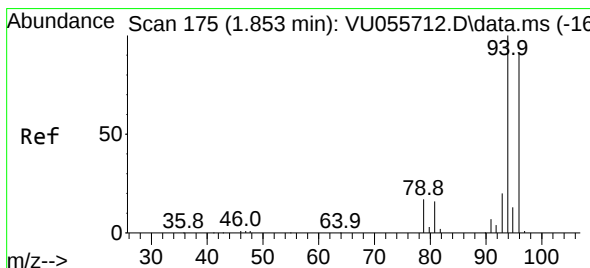
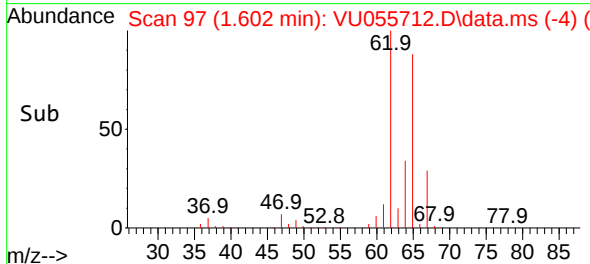
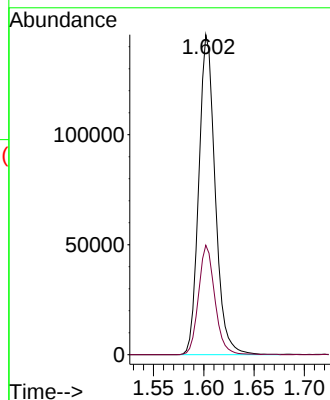
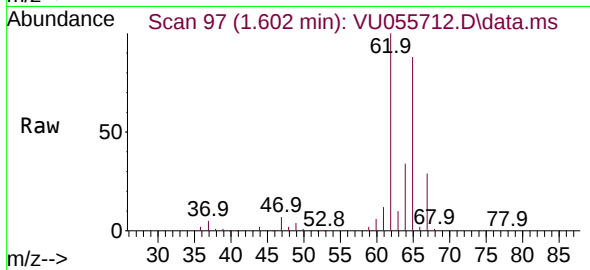




#5
 Vinyl chloride
 Concen: 39.165 ug/L
 RT: 1.602 min Scan# 97
 Delta R.T. 0.000 min
 Lab File: VU055712.D
 Acq: 10 Oct 2023 10:40

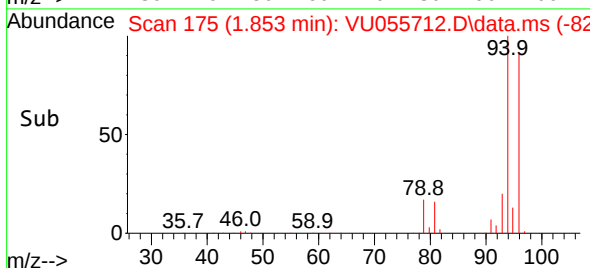
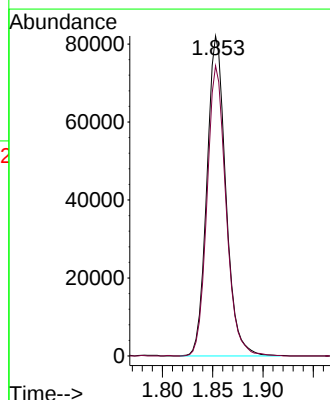
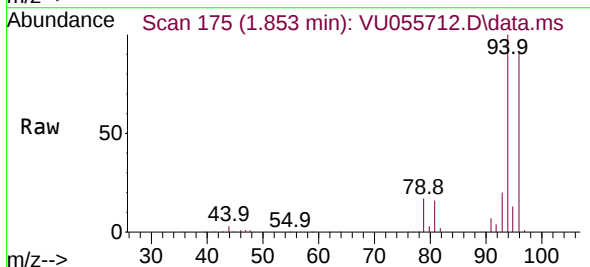
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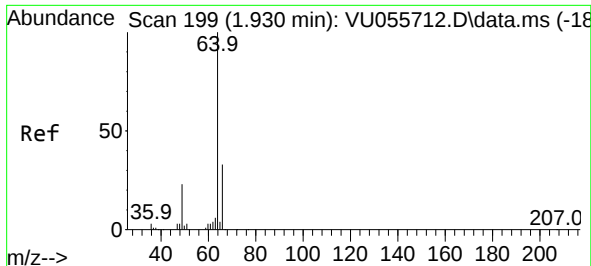
Tgt Ion: 62 Resp: 164903
 Ion Ratio Lower Upper
 62 100
 64 34.2 23.9 44.5



#6
 Bromomethane
 Concen: 41.317 ug/L
 RT: 1.853 min Scan# 175
 Delta R.T. 0.000 min
 Lab File: VU055712.D
 Acq: 10 Oct 2023 10:40

Tgt Ion: 94 Resp: 107597
 Ion Ratio Lower Upper
 94 100
 96 90.7 63.5 117.9

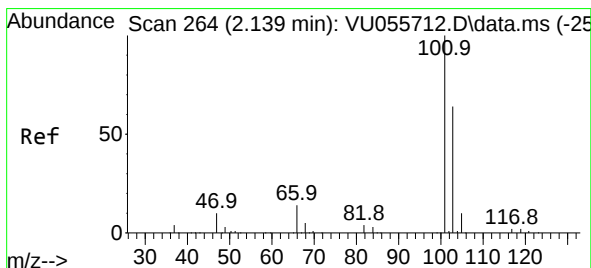
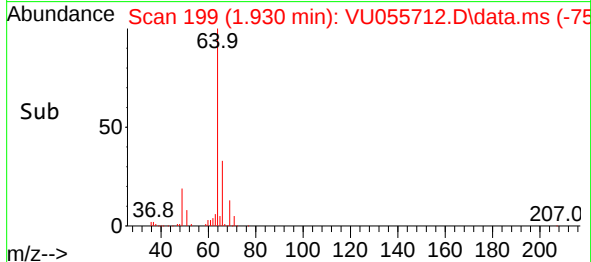
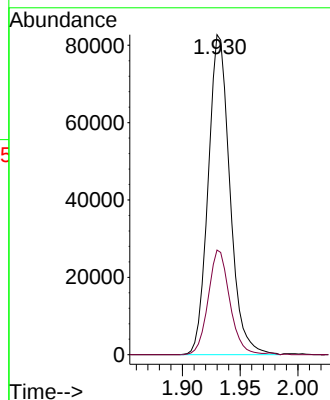
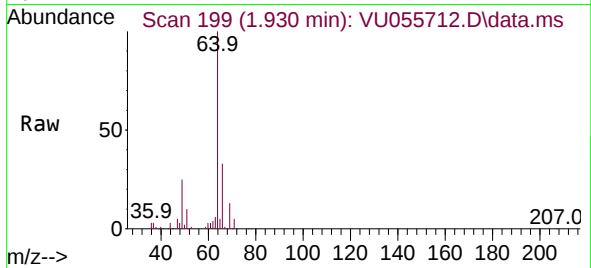




#8
Chloroethane
Concen: 37.448 ug/L
RT: 1.930 min Scan# 199
Delta R.T. 0.000 min
Lab File: VU055712.D
Acq: 10 Oct 2023 10:40

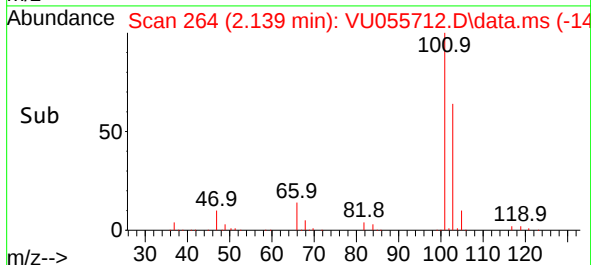
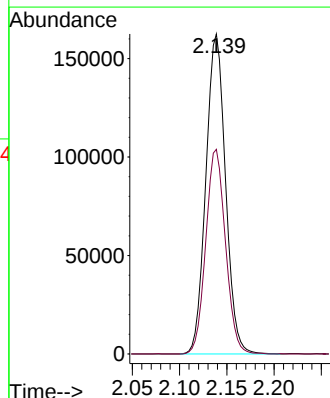
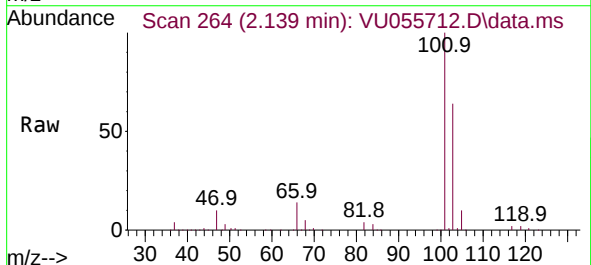
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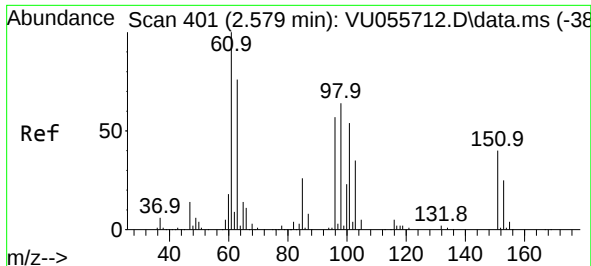
Tgt Ion: 64 Resp: 108159
Ion Ratio Lower Upper
64 100
66 32.7 22.9 42.5



#9
Trichlorofluoromethane
Concen: 35.524 ug/L
RT: 2.139 min Scan# 264
Delta R.T. 0.000 min
Lab File: VU055712.D
Acq: 10 Oct 2023 10:40

Tgt Ion:101 Resp: 235066
Ion Ratio Lower Upper
101 100
103 64.1 51.3 76.9

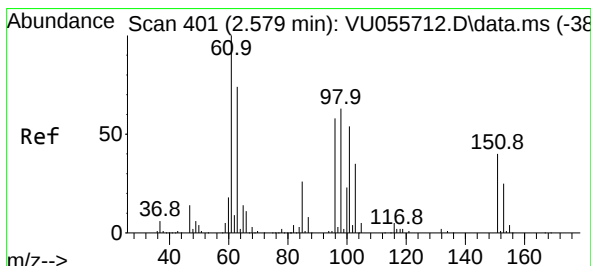
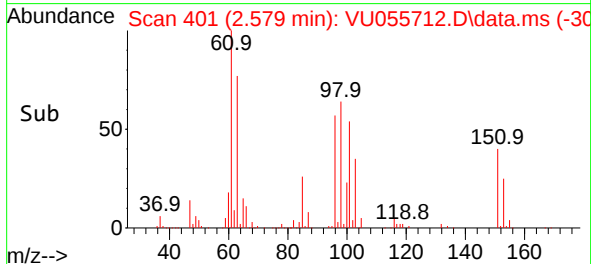
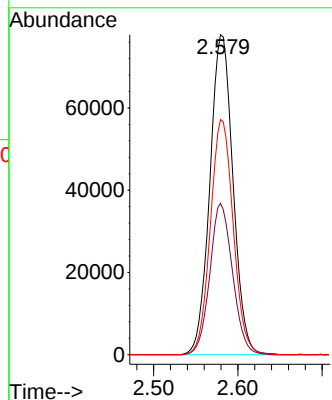
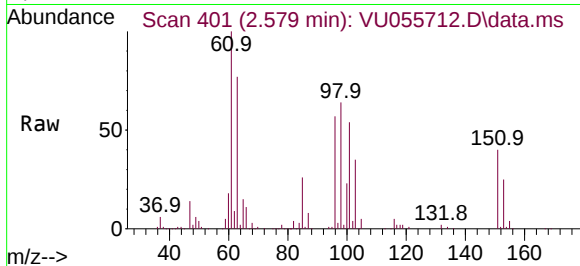




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 55.089 ug/L
 RT: 2.579 min Scan# 401
 Delta R.T. 0.000 min
 Lab File: VU055712.D
 Acq: 10 Oct 2023 10:40

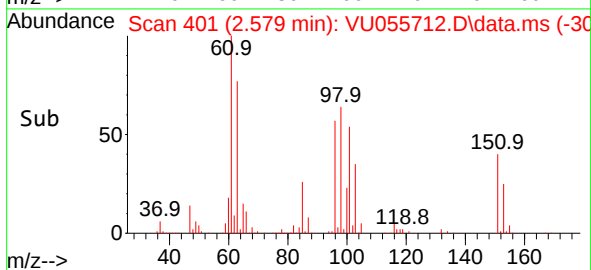
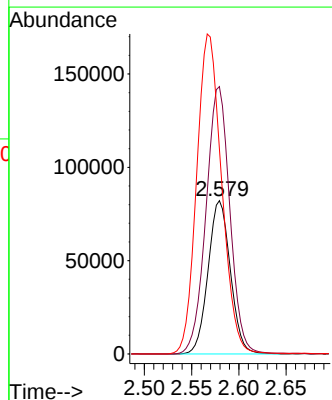
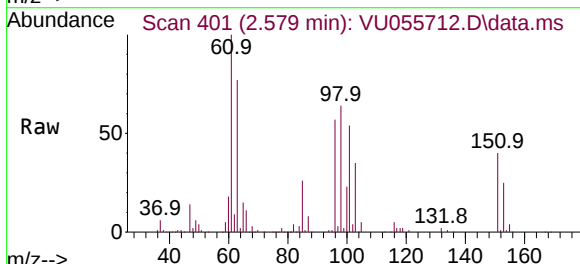
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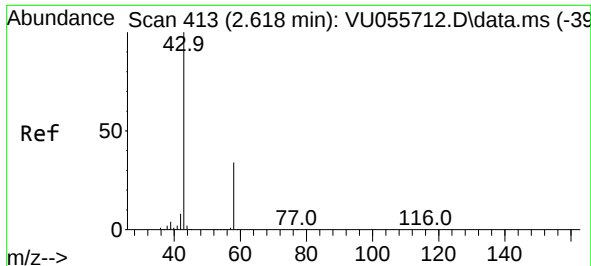
Tgt Ion:101 Resp: 148308
 Ion Ratio Lower Upper
 101 100
 85 46.4 37.1 55.7
 151 72.8 58.2 87.4



#12
 1,1-Dichloroethene
 Concen: 53.748 ug/L
 RT: 2.579 min Scan# 401
 Delta R.T. 0.000 min
 Lab File: VU055712.D
 Acq: 10 Oct 2023 10:40

Tgt Ion: 96 Resp: 134785
 Ion Ratio Lower Upper
 96 100
 61 174.3 122.0 226.6
 63 133.9 93.7 174.1





#13

Acetone

Concen: 130.295 ug/L

RT: 2.618 min Scan# 413

Delta R.T. 0.000 min

Lab File: VU055712.D

Acq: 10 Oct 2023 10:40

Instrument :

MSVOA_U

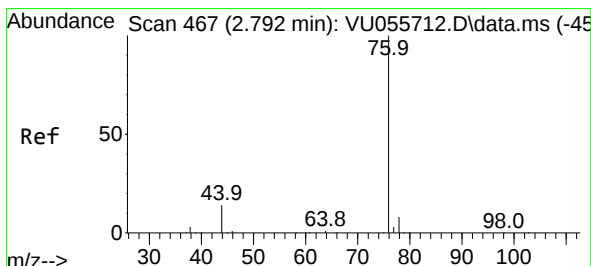
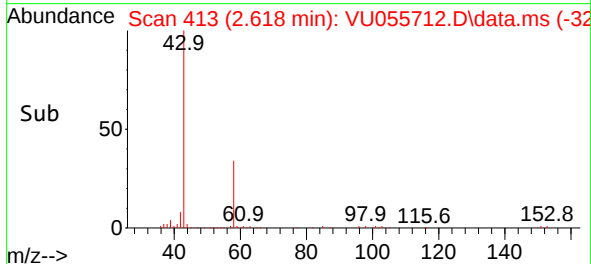
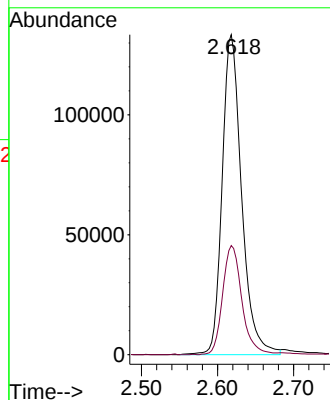
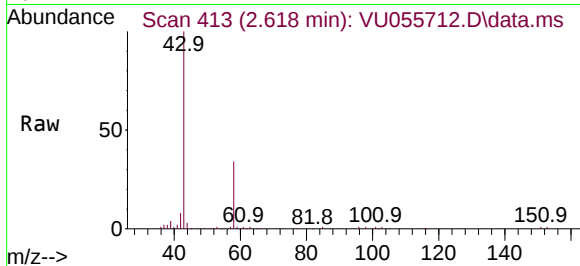
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Tgt Ion: 43 Resp: 237104

Ion Ratio Lower Upper

43 100

58 33.7 0.0 67.4



#14

Carbon disulfide

Concen: 55.427 ug/L

RT: 2.792 min Scan# 467

Delta R.T. 0.000 min

Lab File: VU055712.D

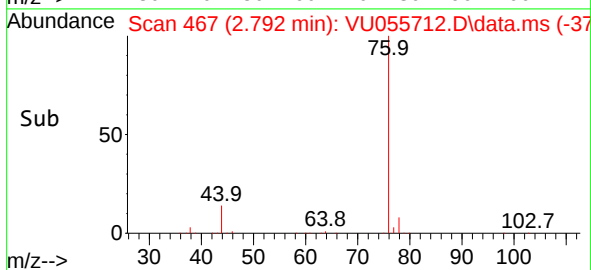
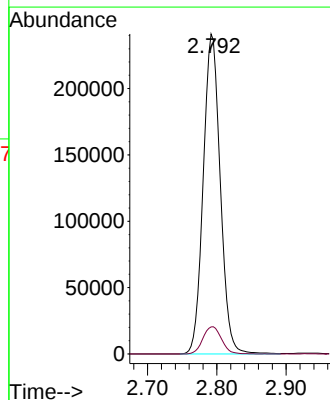
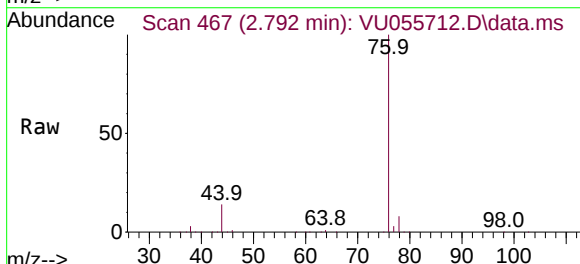
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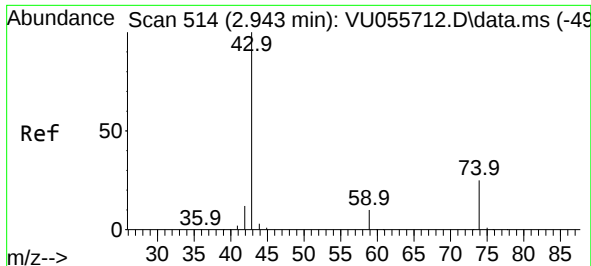
Tgt Ion: 76 Resp: 411439

Ion Ratio Lower Upper

76 100

78 8.5 6.8 10.2

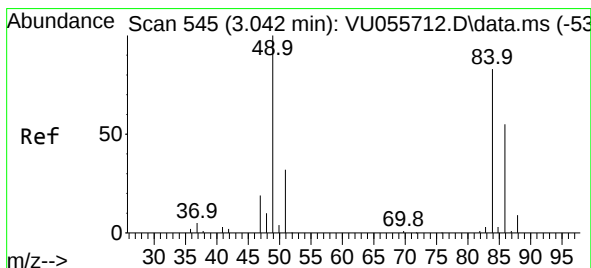
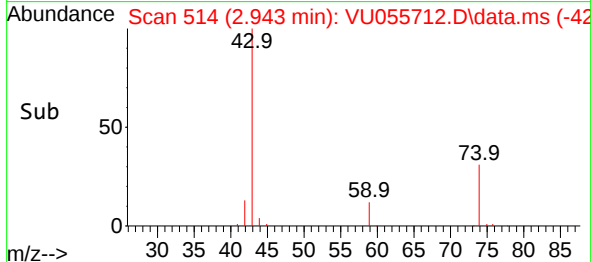
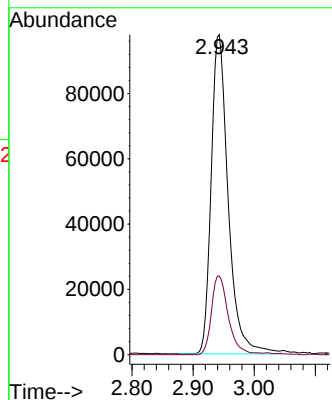
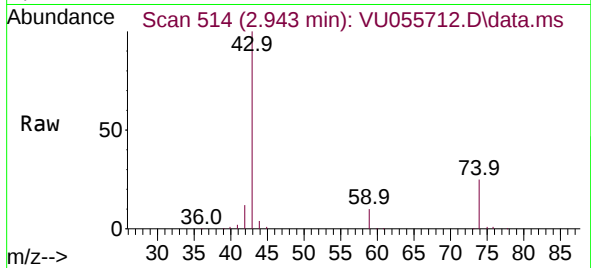




#15
Methyl Acetate
Concen: 64.028 ug/L
RT: 2.943 min Scan# 514
Delta R.T. 0.000 min
Lab File: VU055712.D
Acq: 10 Oct 2023 10:40

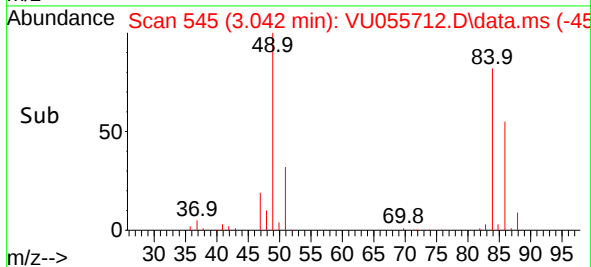
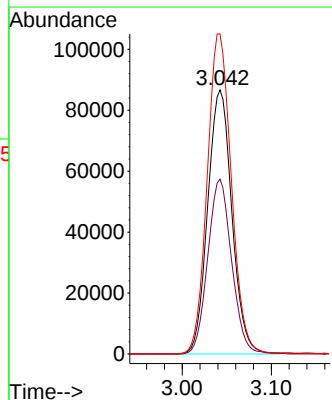
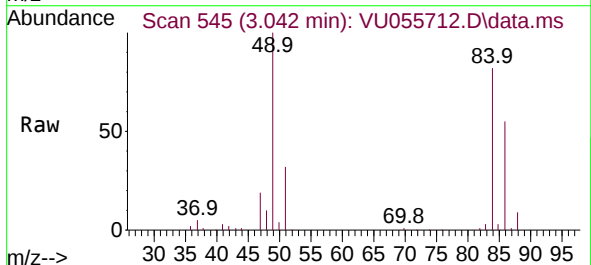
Instrument :
MSVOA_U
ClientSampleId :

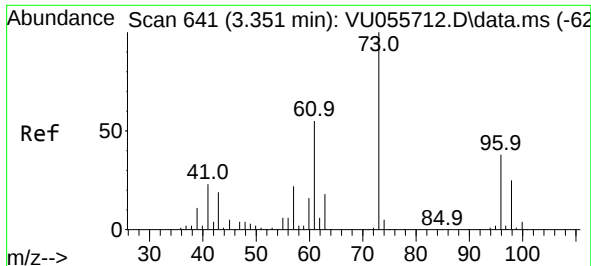
Tgt Ion: 43 Resp: 189101
Ion Ratio Lower Upper
43 100
74 24.3 19.5 29.3



#16
Methylene chloride
Concen: 53.854 ug/L
RT: 3.042 min Scan# 545
Delta R.T. 0.000 min
Lab File: VU055712.D
Acq: 10 Oct 2023 10:40

Tgt Ion: 84 Resp: 163492
Ion Ratio Lower Upper
84 100
86 66.2 46.3 86.1
49 121.2 84.8 157.6





#17

trans-1,2-Dichloroethene

Concen: 53.370 ug/L

RT: 3.351 min Scan# 641

Delta R.T. 0.000 min

Lab File: VU055712.D

Acq: 10 Oct 2023 10:40

Instrument :

MSVOA_U

ClientSampleId :

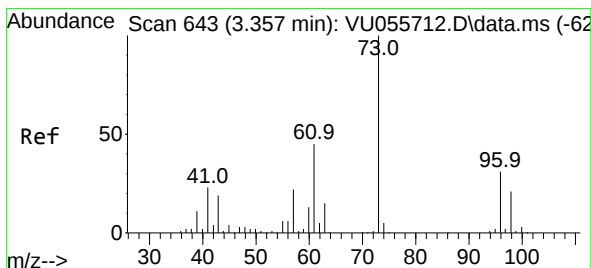
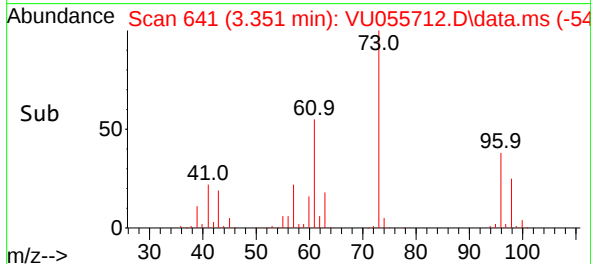
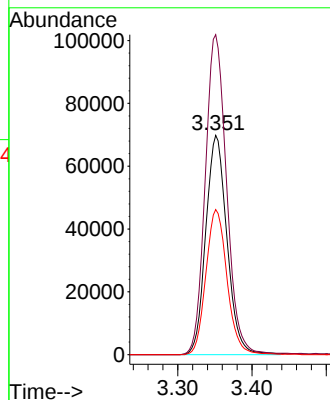
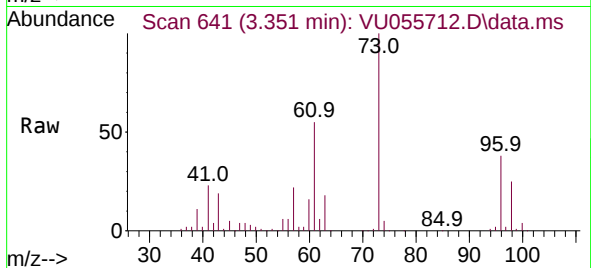
Tgt Ion: 96 Resp: 138695

Ion Ratio Lower Upper

96 100

61 145.9 102.1 189.7

98 66.2 46.3 86.1



#18

Methyl tert-butyl Ether

Concen: 51.326 ug/L

RT: 3.357 min Scan# 643

Delta R.T. 0.000 min

Lab File: VU055712.D

Acq: 10 Oct 2023 10:40

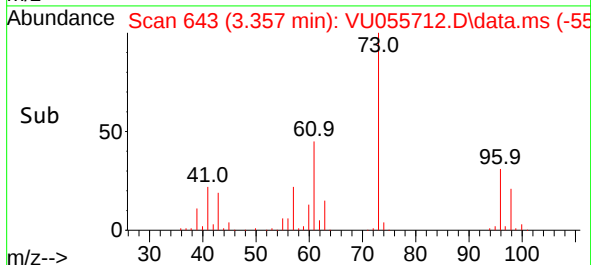
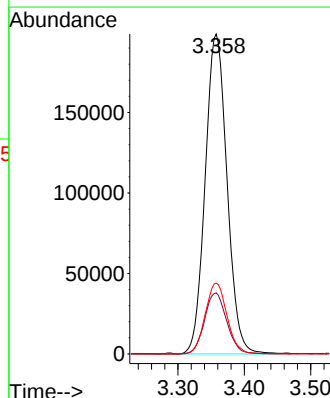
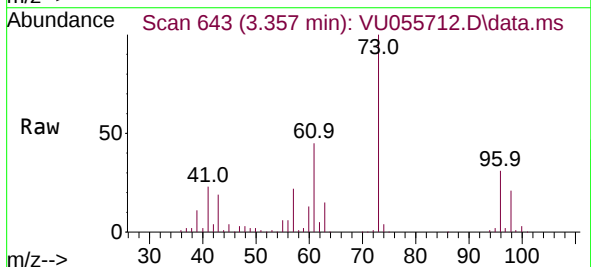
Tgt Ion: 73 Resp: 455135

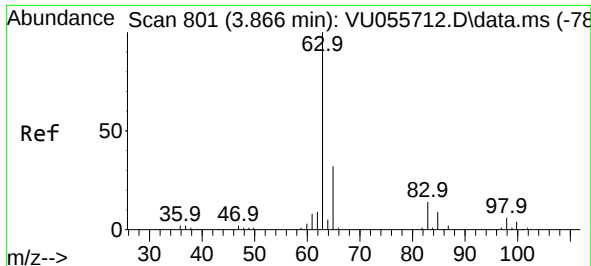
Ion Ratio Lower Upper

73 100

43 19.3 15.4 23.2

57 22.1 17.7 26.5

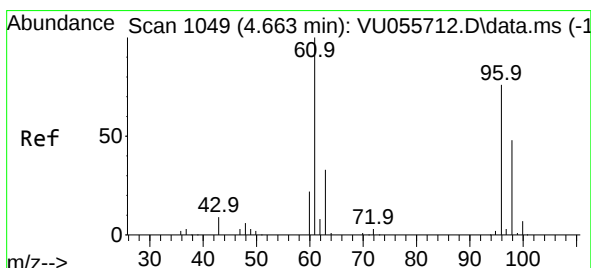
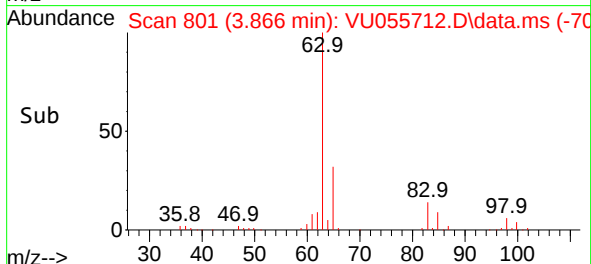
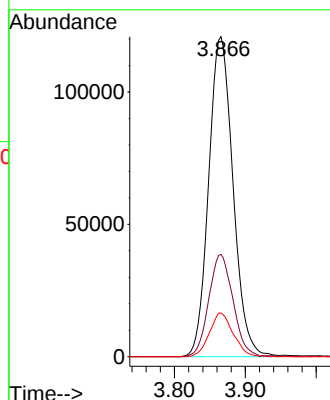
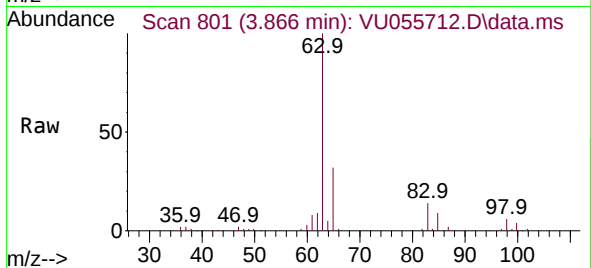




#19
1,1-Dichloroethane
Concen: 57.328 ug/L
RT: 3.866 min Scan# 801
Delta R.T. 0.000 min
Lab File: VU055712.D
Acq: 10 Oct 2023 10:40

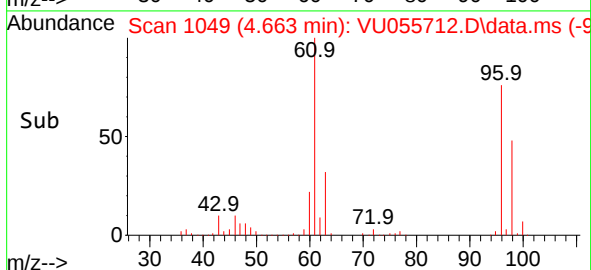
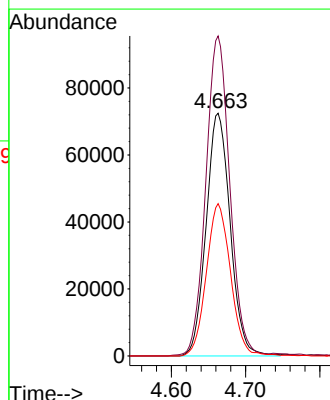
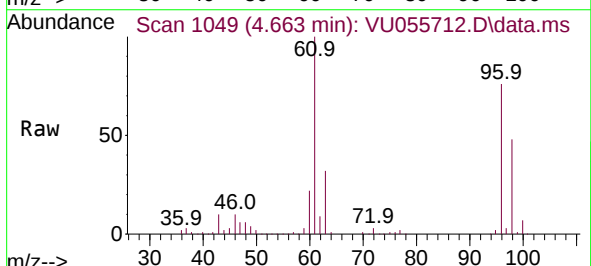
Instrument :
MSVOA_U
ClientSampleId :

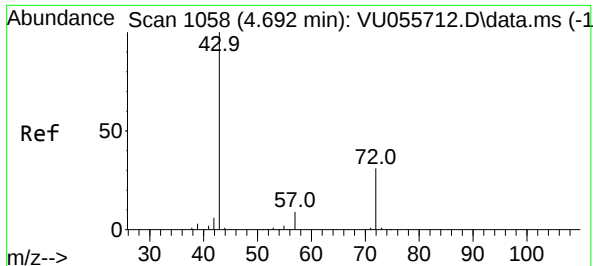
Tgt Ion: 63 Resp: 288562
Ion Ratio Lower Upper
63 100
65 31.9 22.3 41.5
83 13.6 9.5 17.7



#20
cis-1,2-Dichloroethene
Concen: 53.123 ug/L
RT: 4.663 min Scan# 1049
Delta R.T. 0.000 min
Lab File: VU055712.D
Acq: 10 Oct 2023 10:40

Tgt Ion: 96 Resp: 163473
Ion Ratio Lower Upper
96 100
61 131.9 92.3 171.5
98 62.7 43.9 81.5





#22

2-Butanone

Concen: 122.413 ug/L

RT: 4.692 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VU055712.D

Acq: 10 Oct 2023 10:40

Instrument :

MSVOA_U

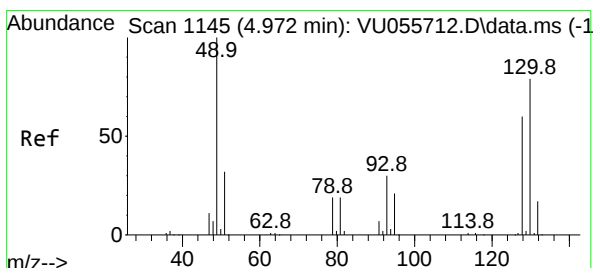
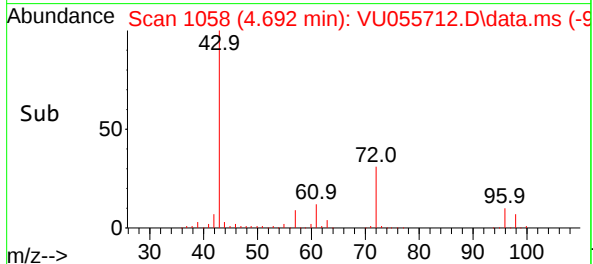
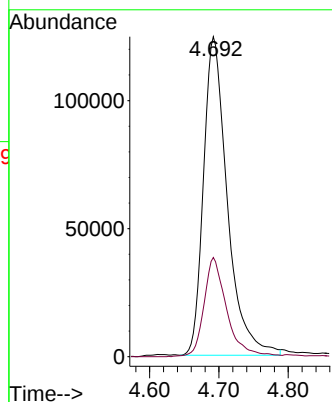
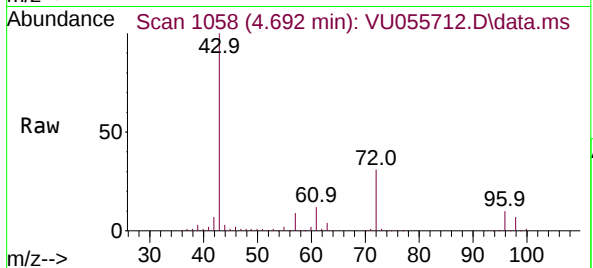
ClientSampleId :

Tgt Ion: 43 Resp: 297265

Ion Ratio Lower Upper

43 100

72 29.3 14.6 44.0



#23

Bromochloromethane

Concen: 54.133 ug/L

RT: 4.972 min Scan# 1145

Delta R.T. 0.000 min

Lab File: VU055712.D

Acq: 10 Oct 2023 10:40

Tgt Ion:128 Resp: 85232

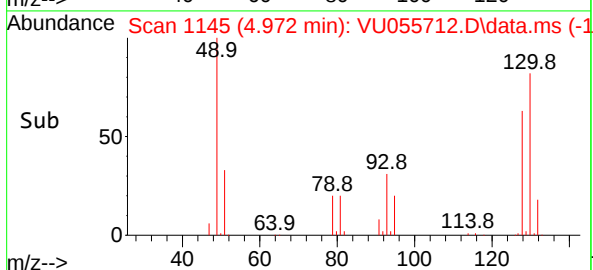
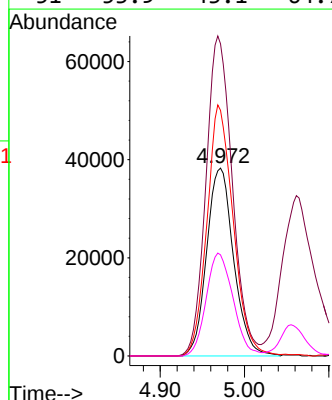
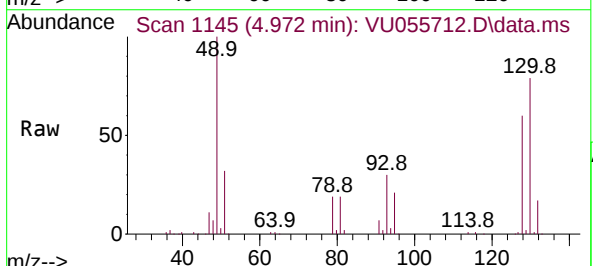
Ion Ratio Lower Upper

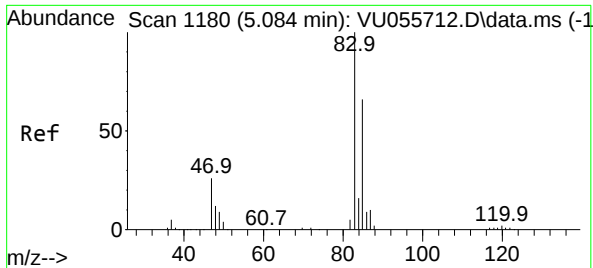
128 100

49 166.2 116.3 216.1

130 130.8 91.6 170.0

51 53.9 43.1 64.7

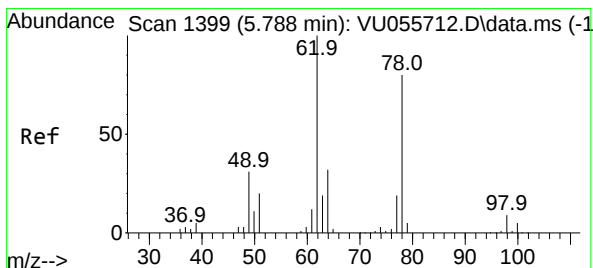
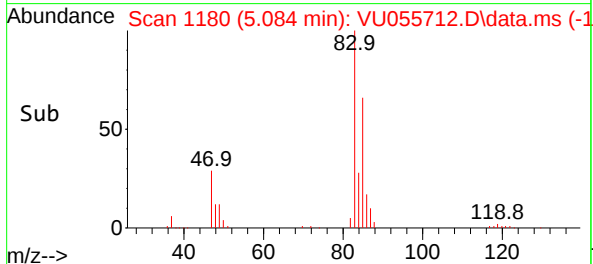
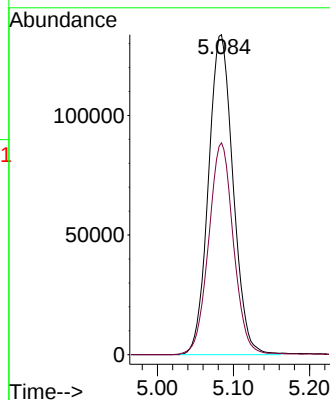
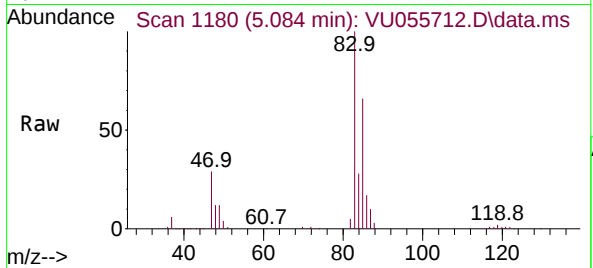




#25
Chloroform
Concen: 57.019 ug/L
RT: 5.084 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VU055712.D
Acq: 10 Oct 2023 10:40

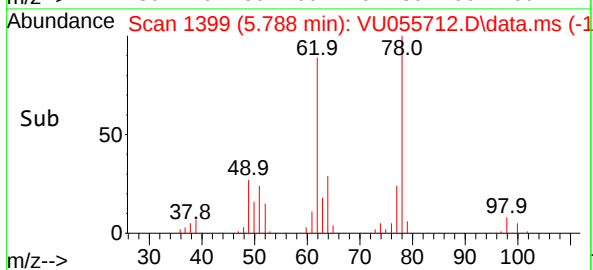
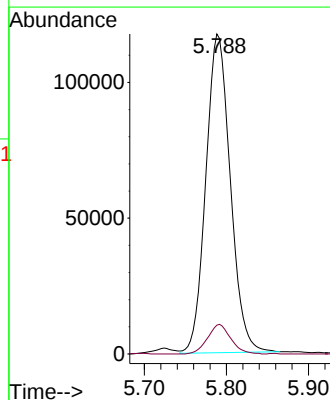
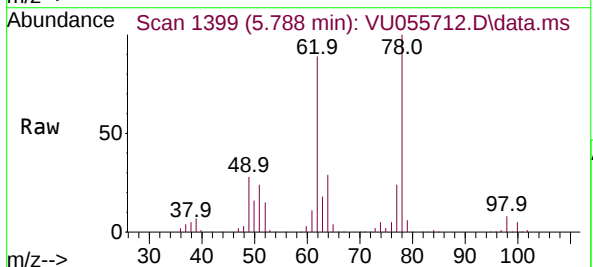
Instrument :
MSVOA_U
ClientSampleId :

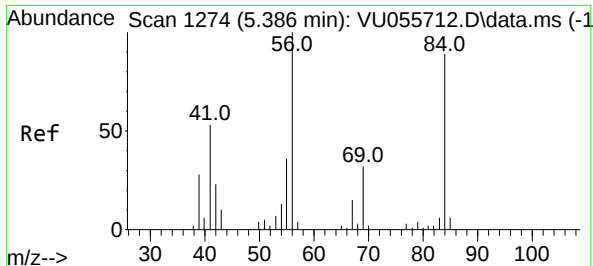
Tgt Ion: 83 Resp: 300660
Ion Ratio Lower Upper
83 100
85 66.2 46.3 86.1



#27
1,2-Dichloroethane
Concen: 59.723 ug/L
RT: 5.788 min Scan# 1399
Delta R.T. 0.000 min
Lab File: VU055712.D
Acq: 10 Oct 2023 10:40

Tgt Ion: 62 Resp: 243235
Ion Ratio Lower Upper
62 100
98 9.0 7.2 10.8





#29

Cyclohexane

Concen: 52.018 ug/L

RT: 5.386 min Scan# 1274

Delta R.T. 0.000 min

Lab File: VU055712.D

Acq: 10 Oct 2023 10:40

Instrument :

MSVOA_U

ClientSampleId :

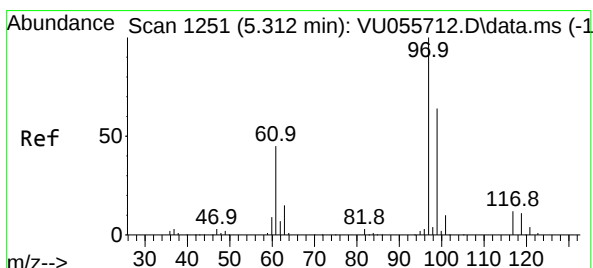
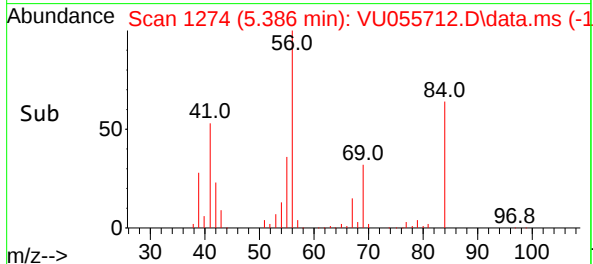
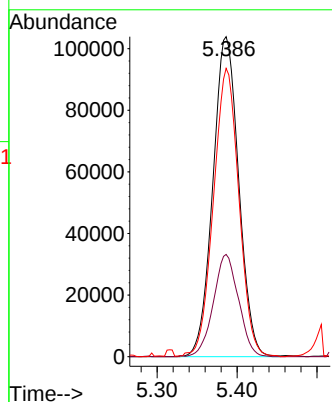
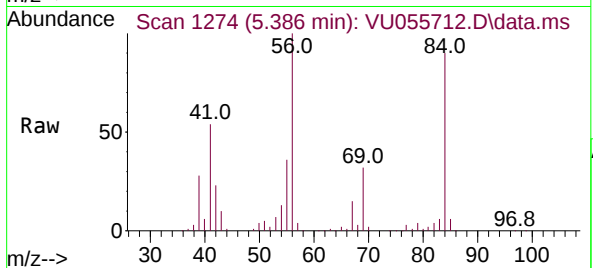
Tgt Ion: 56 Resp: 233194

Ion Ratio Lower Upper

56 100

69 31.1 24.9 37.3

84 88.4 70.7 106.1



#30

1,1,1-Trichloroethane

Concen: 56.955 ug/L

RT: 5.312 min Scan# 1251

Delta R.T. 0.000 min

Lab File: VU055712.D

Acq: 10 Oct 2023 10:40

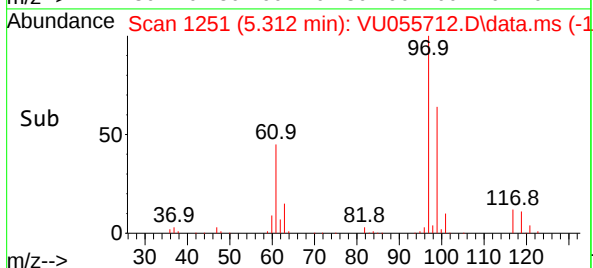
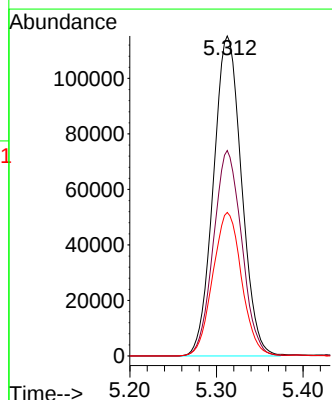
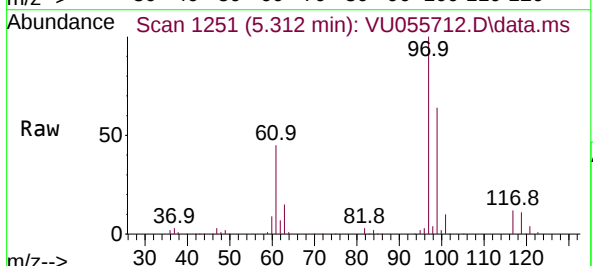
Tgt Ion: 97 Resp: 260632

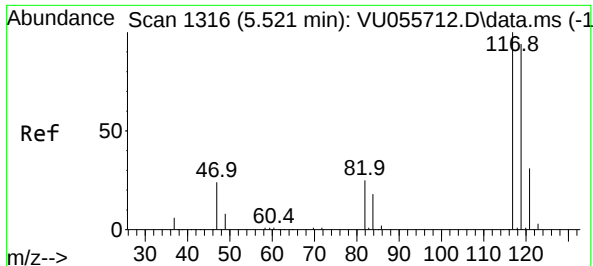
Ion Ratio Lower Upper

97 100

99 64.5 51.6 77.4

61 46.0 36.8 55.2

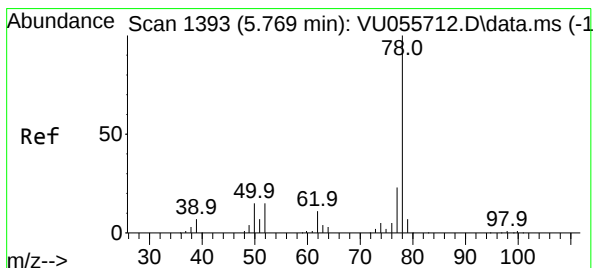
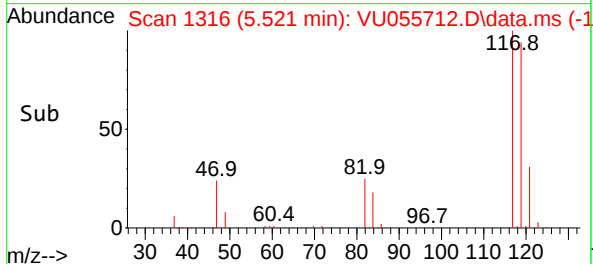
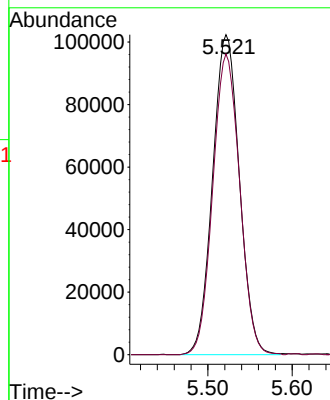
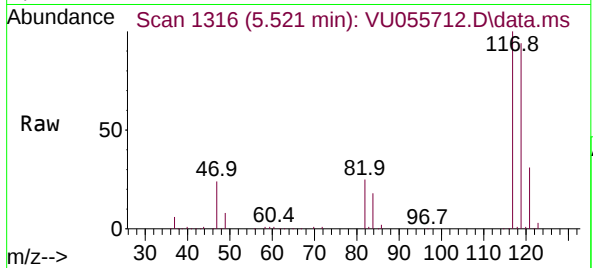




#31
Carbon tetrachloride
Concen: 57.144 ug/L
RT: 5.521 min Scan# 1316
Delta R.T. 0.000 min
Lab File: VU055712.D
Acq: 10 Oct 2023 10:40

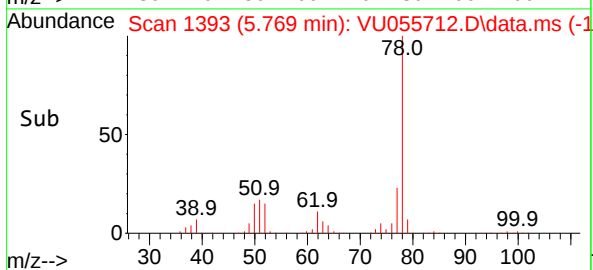
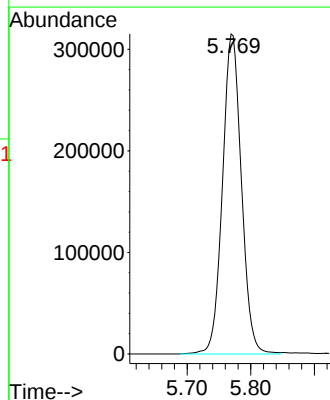
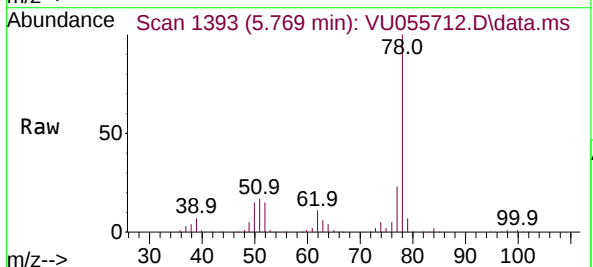
Instrument :
MSVOA_U
ClientSampleId :

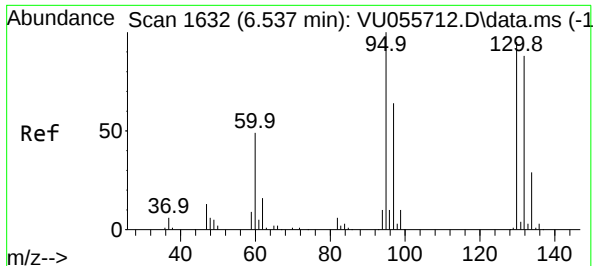
Tgt Ion:117 Resp: 225983
Ion Ratio Lower Upper
117 100
119 94.2 75.4 113.0



#33
Benzene
Concen: 55.518 ug/L
RT: 5.769 min Scan# 1393
Delta R.T. 0.000 min
Lab File: VU055712.D
Acq: 10 Oct 2023 10:40

Tgt Ion: 78 Resp: 651096

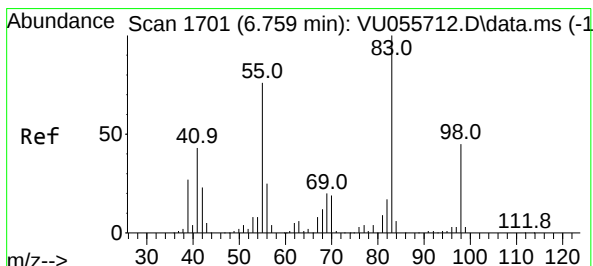
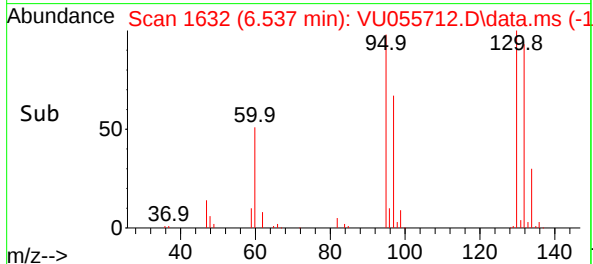
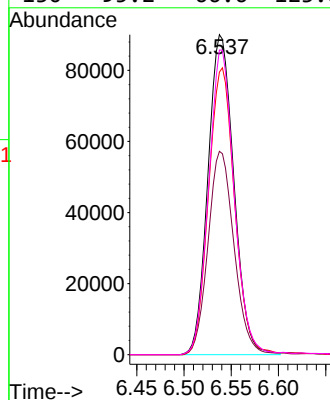
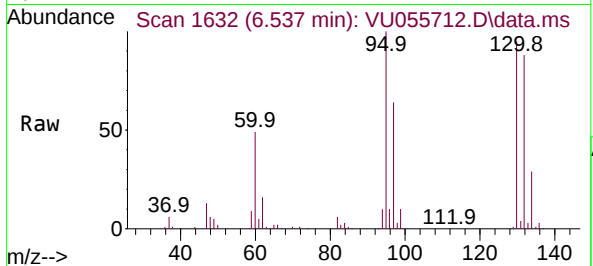




#34
Trichloroethene
Concen: 57.049 ug/L
RT: 6.537 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU055712.D
Acq: 10 Oct 2023 10:40

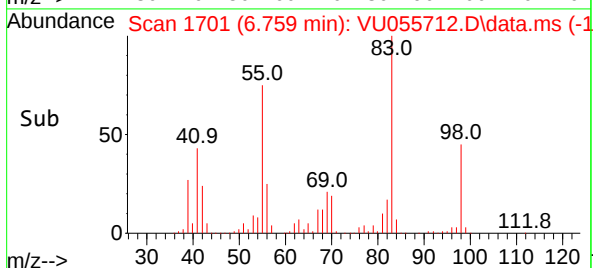
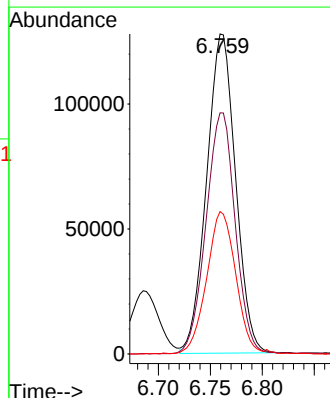
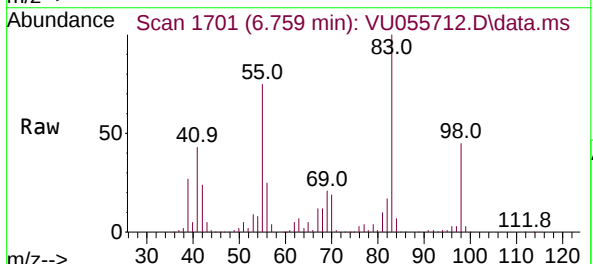
Instrument :
MSVOA_U
ClientSampleId :

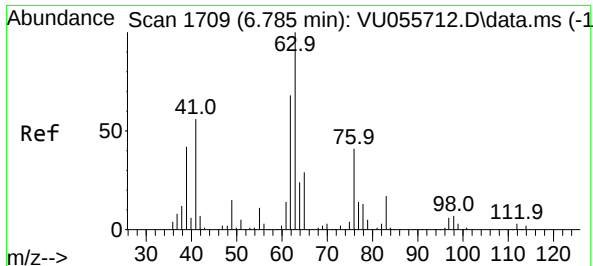
Tgt Ion: 95 Resp: 171814
Ion Ratio Lower Upper
95 100
97 63.5 44.4 82.5
132 88.3 61.8 114.8
130 95.2 66.6 123.8



#35
Methylcyclohexane
Concen: 51.269 ug/L
RT: 6.759 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VU055712.D
Acq: 10 Oct 2023 10:40

Tgt Ion: 83 Resp: 247357
Ion Ratio Lower Upper
83 100
55 76.5 61.2 91.8
98 44.7 35.8 53.6

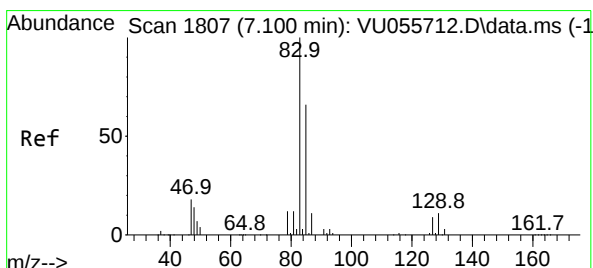
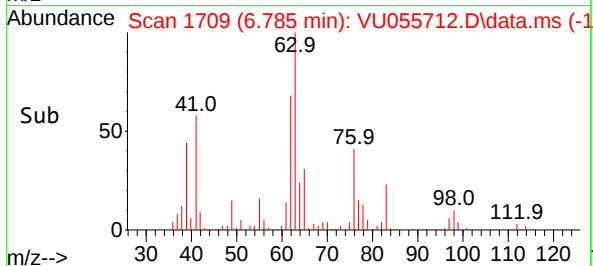
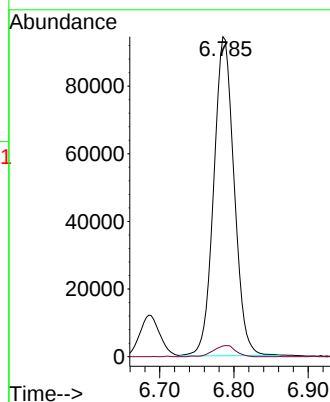
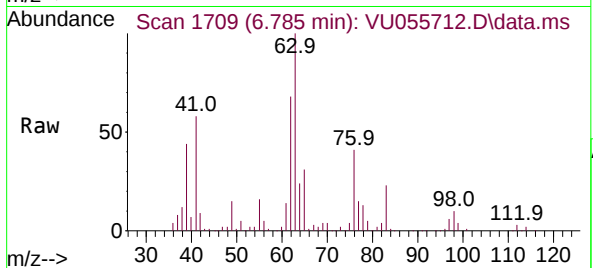




#37
1,2-Dichloropropane
Concen: 55.672 ug/L
RT: 6.785 min Scan# 1709
Delta R.T. 0.000 min
Lab File: VU055712.D
Acq: 10 Oct 2023 10:40

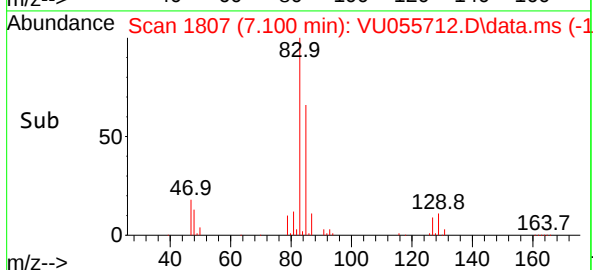
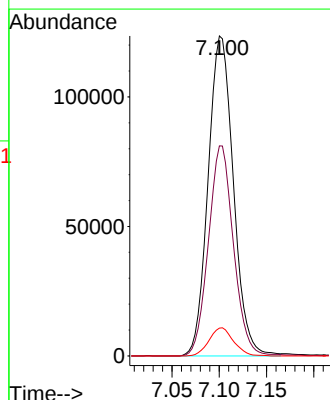
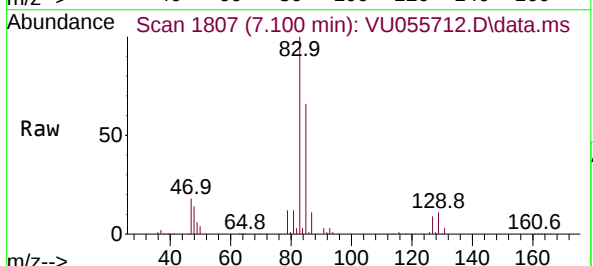
Instrument :
MSVOA_U
ClientSampleId :

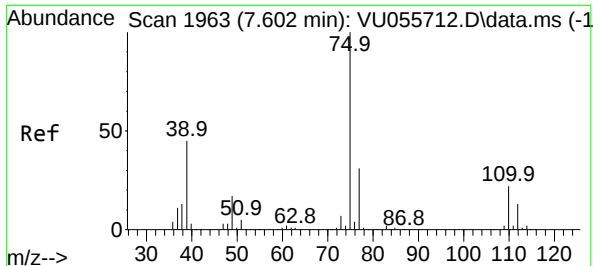
Tgt Ion: 63 Resp: 180159
Ion Ratio Lower Upper
63 100
112 3.7 3.0 4.4



#38
Bromodichloromethane
Concen: 55.536 ug/L
RT: 7.100 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VU055712.D
Acq: 10 Oct 2023 10:40

Tgt Ion: 83 Resp: 229977
Ion Ratio Lower Upper
83 100
85 65.7 46.0 85.4
127 8.7 7.0 10.4





#39

cis-1,3-Dichloropropene

Concen: 52.087 ug/L

RT: 7.602 min Scan# 1963

Delta R.T. 0.000 min

Lab File: VU055712.D

Acq: 10 Oct 2023 10:40

Instrument :

MSVOA_U

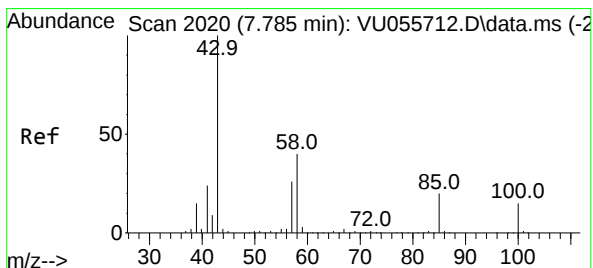
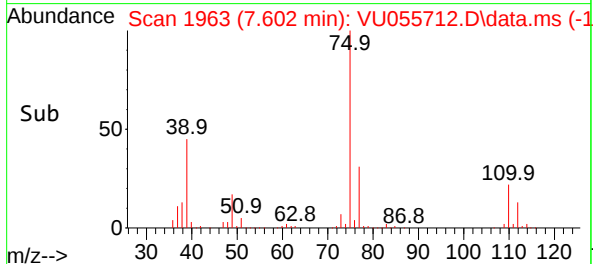
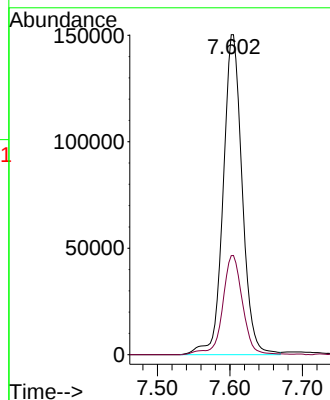
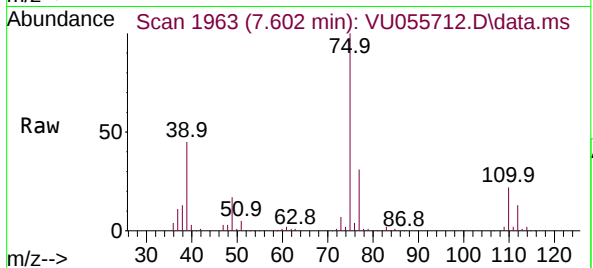
ClientSampleId :

Tgt Ion: 75 Resp: 273832

Ion Ratio Lower Upper

75 100

77 31.0 21.7 40.3



#40

4-Methyl-2-pentanone

Concen: 104.488 ug/L

RT: 7.785 min Scan# 2020

Delta R.T. 0.000 min

Lab File: VU055712.D

Acq: 10 Oct 2023 10:40

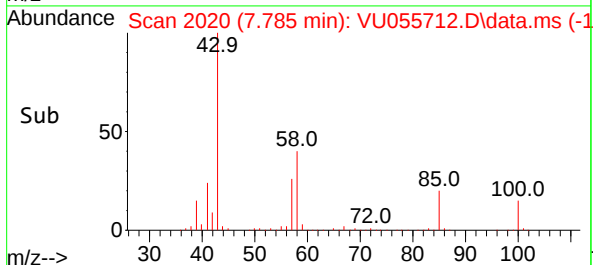
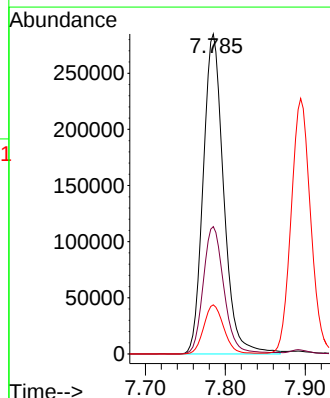
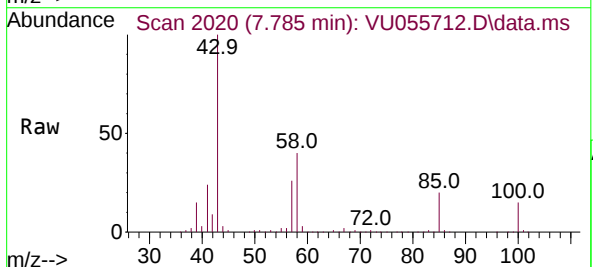
Tgt Ion: 43 Resp: 508604

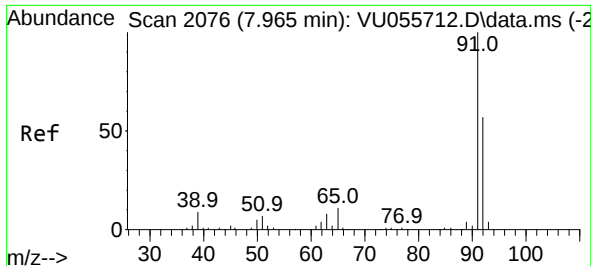
Ion Ratio Lower Upper

43 100

58 40.4 32.3 48.5

100 15.0 12.0 18.0





#42

Toluene

Concen: 53.470 ug/L

RT: 7.965 min Scan# 2076

Delta R.T. 0.000 min

Lab File: VU055712.D

Acq: 10 Oct 2023 10:40

Instrument :

MSVOA_U

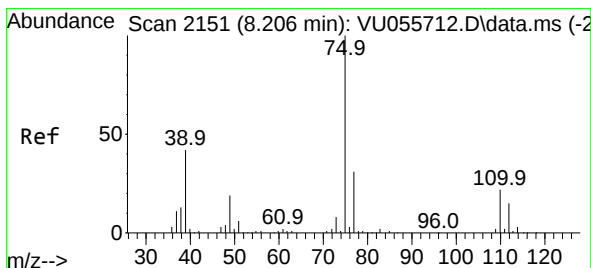
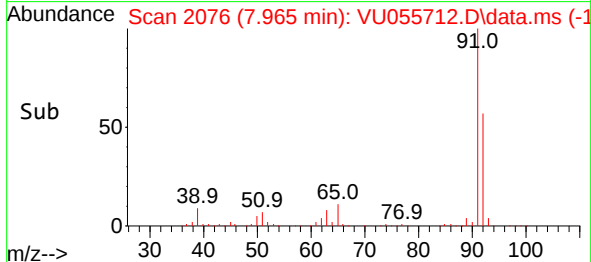
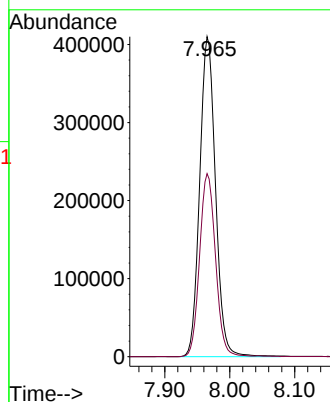
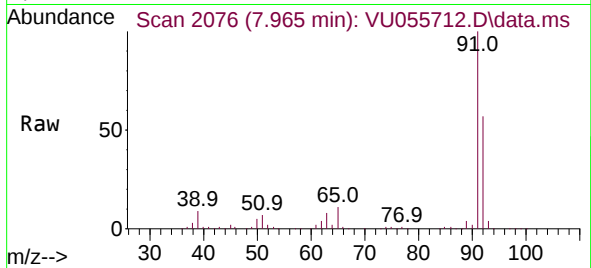
ClientSampleId :

Tgt Ion: 91 Resp: 695461

Ion Ratio Lower Upper

91 100

92 57.2 40.0 74.4



#44

trans-1,3-Dichloropropene

Concen: 52.877 ug/L

RT: 8.206 min Scan# 2151

Delta R.T. 0.000 min

Lab File: VU055712.D

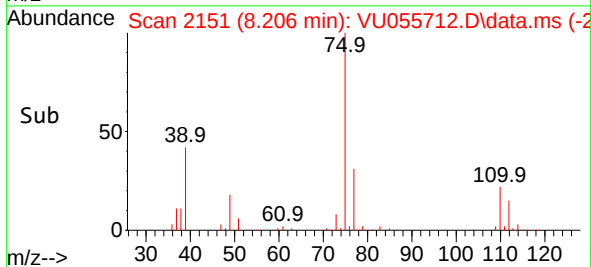
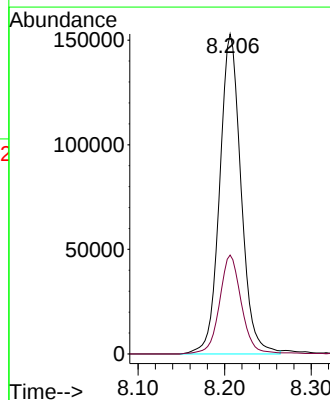
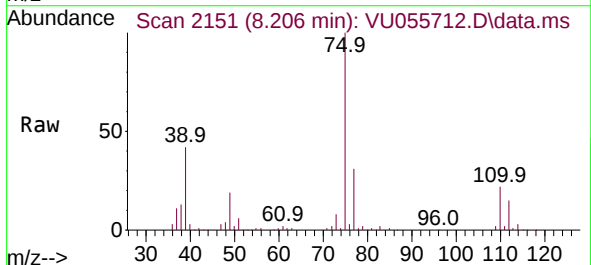
Acq: 10 Oct 2023 10:40

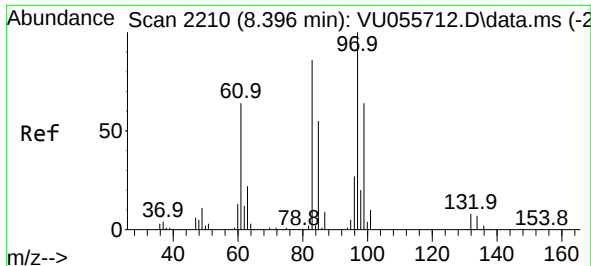
Tgt Ion: 75 Resp: 262293

Ion Ratio Lower Upper

75 100

77 30.9 21.6 40.2



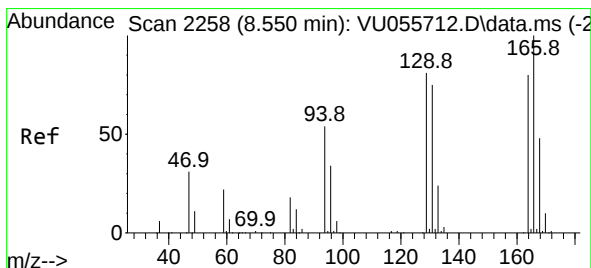
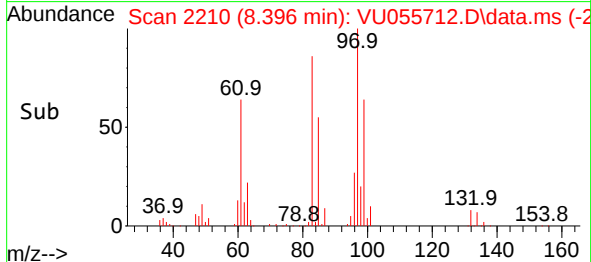
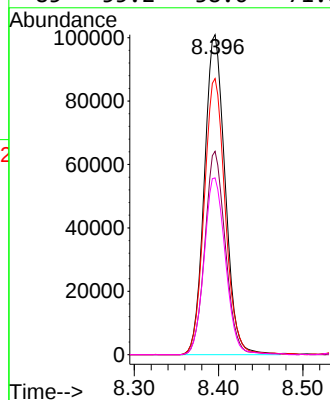
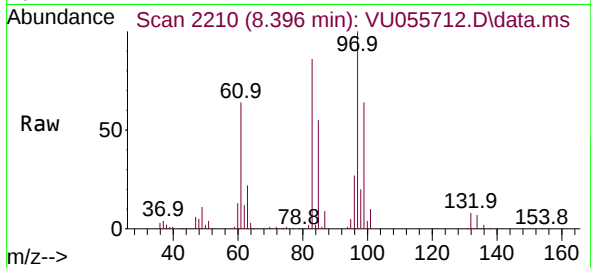


#45
1,1,2-Trichloroethane
Concen: 53.090 ug/L
RT: 8.396 min Scan# 2210
Delta R.T. 0.000 min
Lab File: VU055712.D
Acq: 10 Oct 2023 10:40

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 173291

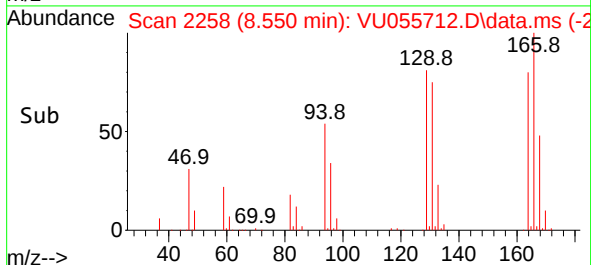
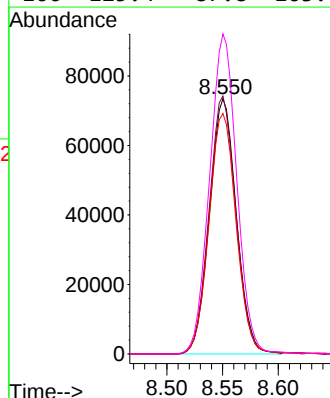
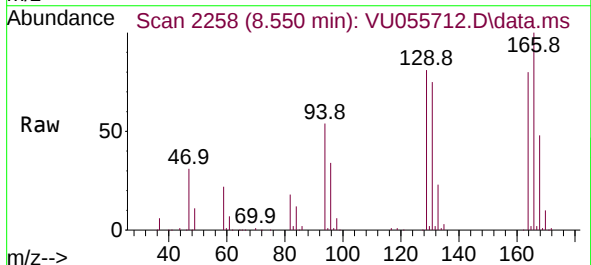
Ion	Ratio	Lower	Upper
97	100		
99	63.5	44.4	82.5
83	86.3	60.4	112.2
85	55.2	38.6	71.8

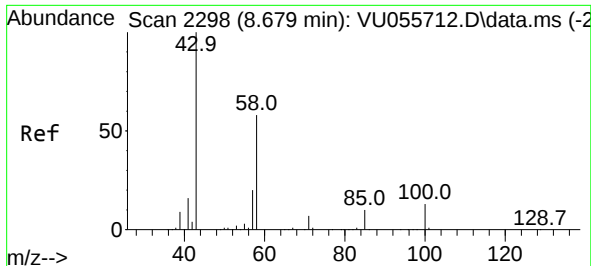


#46
Tetrachloroethene
Concen: 54.027 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. 0.000 min
Lab File: VU055712.D
Acq: 10 Oct 2023 10:40

Tgt Ion: 164 Resp: 123080

Ion	Ratio	Lower	Upper
164	100		
129	101.0	70.7	131.3
131	94.2	65.9	122.5
166	125.4	87.8	163.0

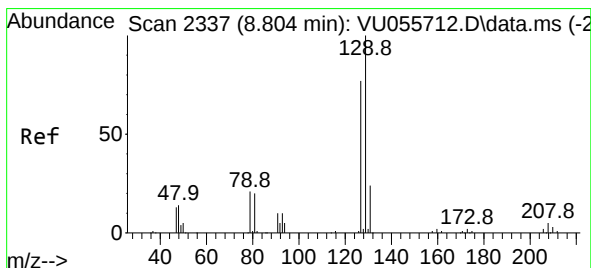
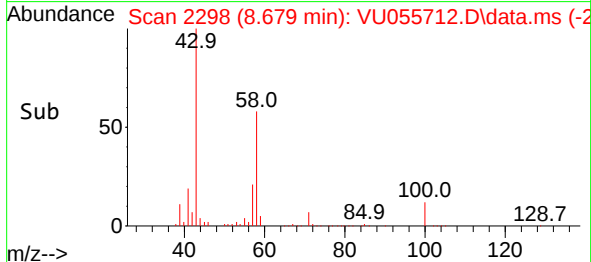
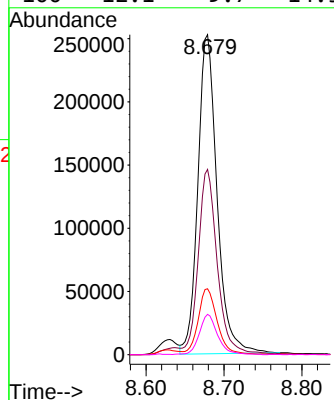
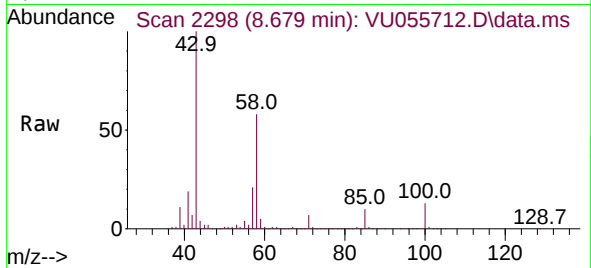




#48
2-Hexanone
Concen: 106.263 ug/L
RT: 8.679 min Scan# 2298
Delta R.T. 0.000 min
Lab File: VU055712.D
Acq: 10 Oct 2023 10:40

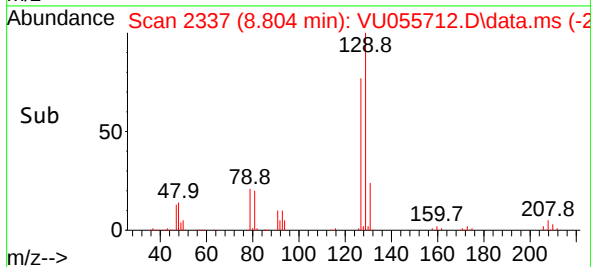
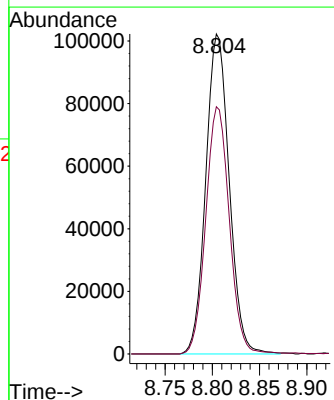
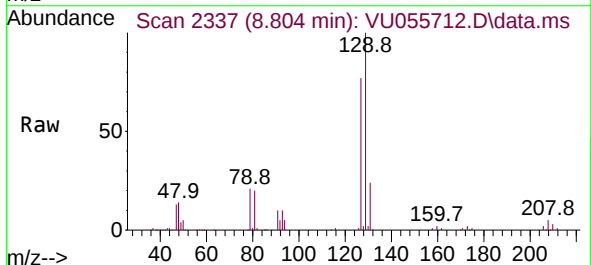
Instrument :
MSVOA_U
ClientSampleId :

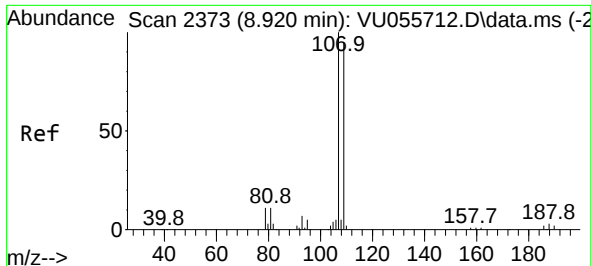
Tgt Ion: 43 Resp: 432865
Ion Ratio Lower Upper
43 100
58 56.5 45.2 67.8
57 20.1 16.1 24.1
100 12.1 9.7 14.5



#49
Dibromochloromethane
Concen: 52.488 ug/L
RT: 8.804 min Scan# 2337
Delta R.T. 0.000 min
Lab File: VU055712.D
Acq: 10 Oct 2023 10:40

Tgt Ion:129 Resp: 176310
Ion Ratio Lower Upper
129 100
127 77.2 54.0 100.4

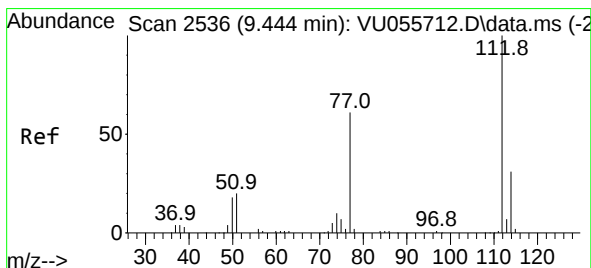
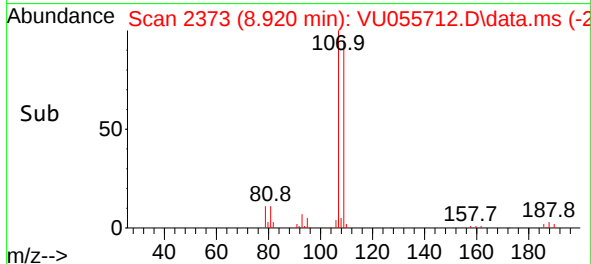
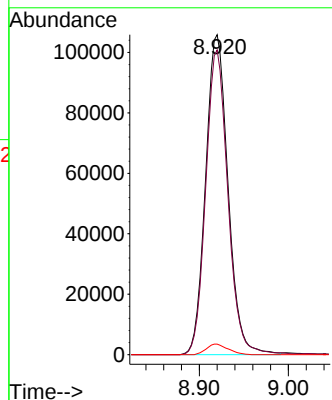
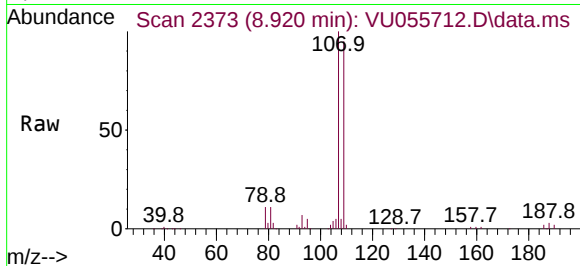




#50
1,2-Dibromoethane
Concen: 52.932 ug/L
RT: 8.920 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU055712.D
Acq: 10 Oct 2023 10:40

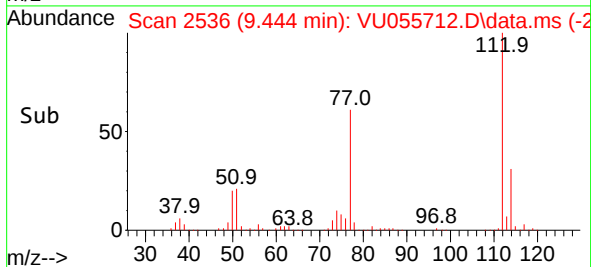
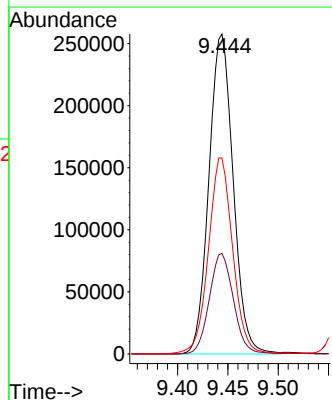
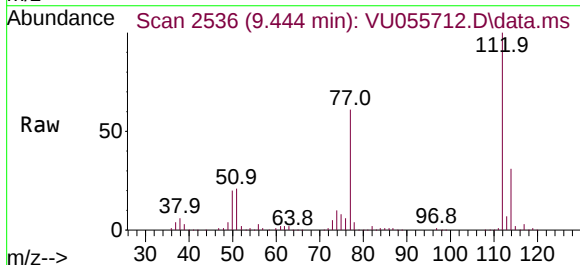
Instrument :
MSVOA_U
ClientSampleId :

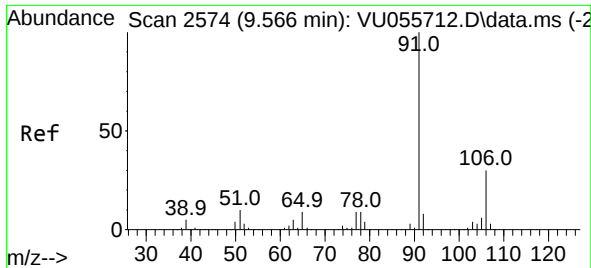
Tgt Ion:107 Resp: 185204
Ion Ratio Lower Upper
107 100
109 95.3 66.7 123.9
188 3.3 2.6 4.0



#51
Chlorobenzene
Concen: 51.558 ug/L
RT: 9.444 min Scan# 2536
Delta R.T. 0.000 min
Lab File: VU055712.D
Acq: 10 Oct 2023 10:40

Tgt Ion:112 Resp: 432166
Ion Ratio Lower Upper
112 100
114 31.4 22.0 40.8
77 61.3 49.0 73.6

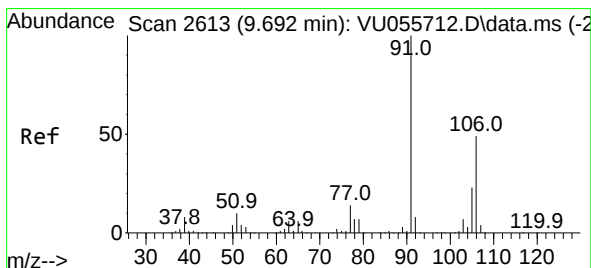
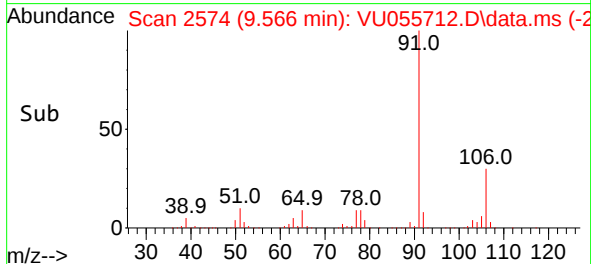
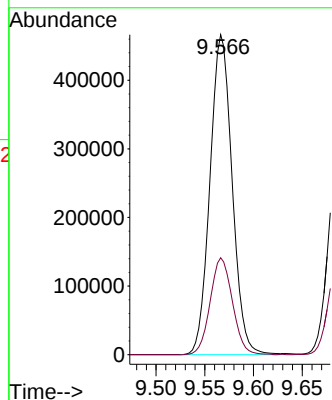
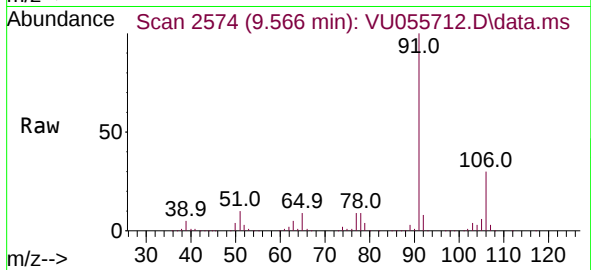




#52
Ethylbenzene
Concen: 49.811 ug/L
RT: 9.566 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU055712.D
Acq: 10 Oct 2023 10:40

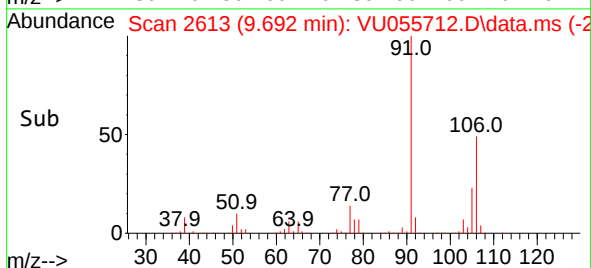
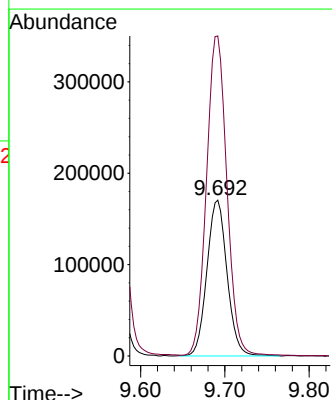
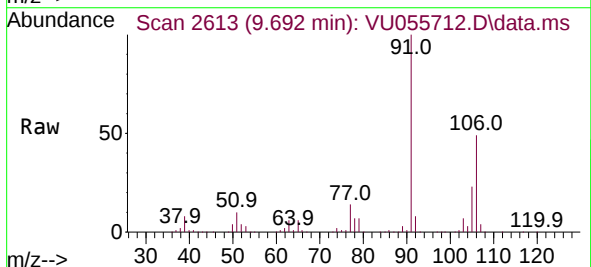
Instrument :
MSVOA_U
ClientSampleId :

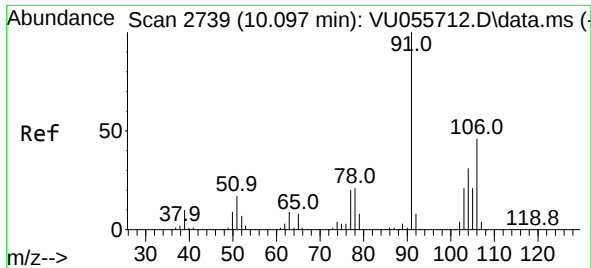
Tgt Ion: 91 Resp: 738386
Ion Ratio Lower Upper
91 100
106 30.3 21.2 39.4



#53
m,p-Xylene
Concen: 50.254 ug/L
RT: 9.692 min Scan# 2613
Delta R.T. 0.000 min
Lab File: VU055712.D
Acq: 10 Oct 2023 10:40

Tgt Ion: 106 Resp: 283859
Ion Ratio Lower Upper
106 100
91 205.4 143.8 267.0

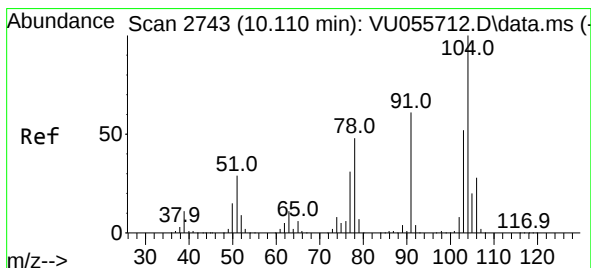
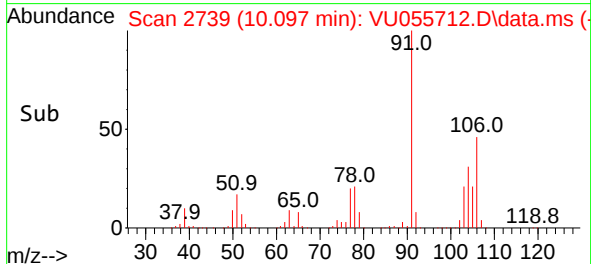
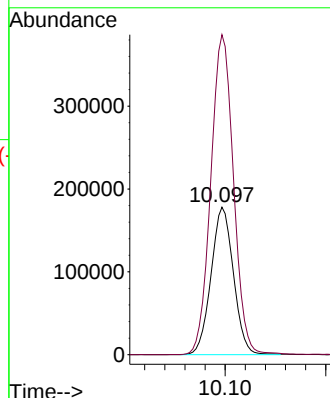
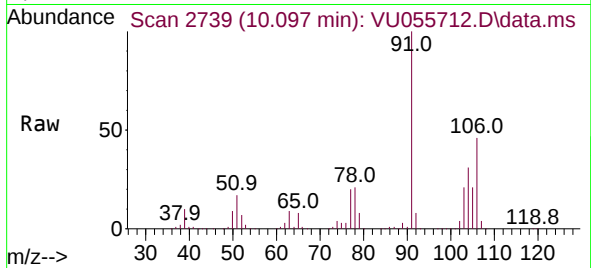




#54
o-Xylene
Concen: 48.398 ug/L
RT: 10.097 min Scan# 2739
Delta R.T. 0.000 min
Lab File: VU055712.D
Acq: 10 Oct 2023 10:40

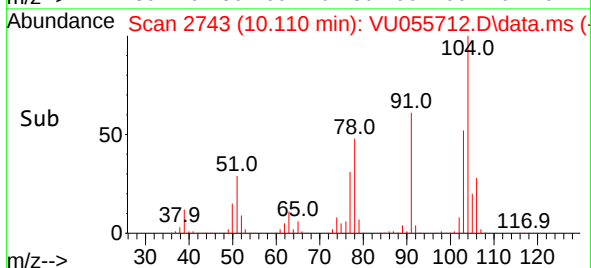
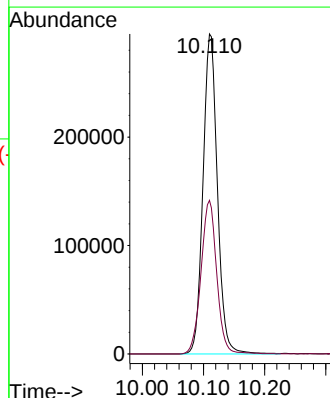
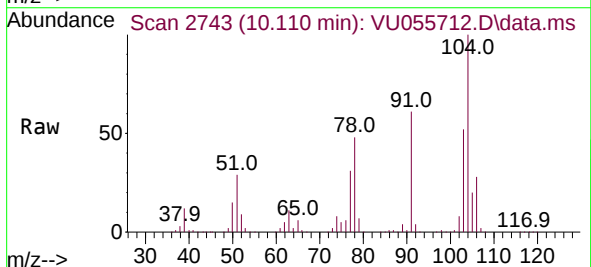
Instrument :
MSVOA_U
ClientSampleId :

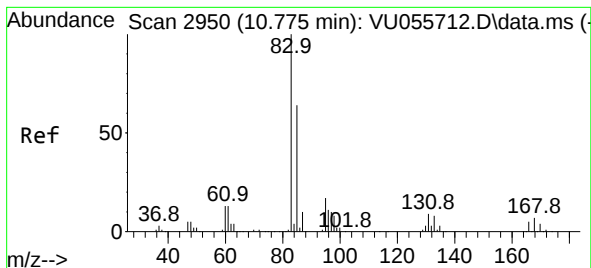
Tgt Ion:106 Resp: 275720
Ion Ratio Lower Upper
106 100
91 216.9 151.8 282.0



#55
Styrene
Concen: 48.715 ug/L
RT: 10.110 min Scan# 2743
Delta R.T. 0.000 min
Lab File: VU055712.D
Acq: 10 Oct 2023 10:40

Tgt Ion:104 Resp: 482707
Ion Ratio Lower Upper
104 100
78 48.0 33.6 62.4

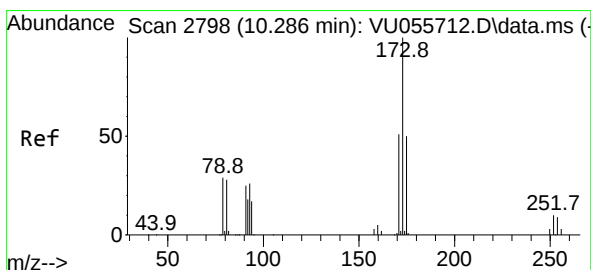
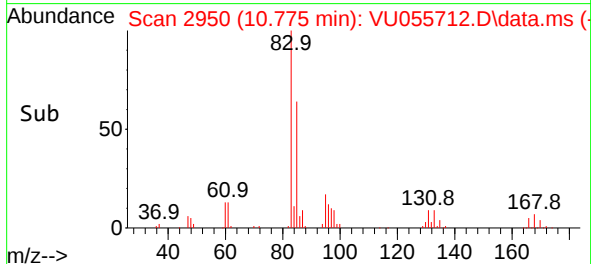
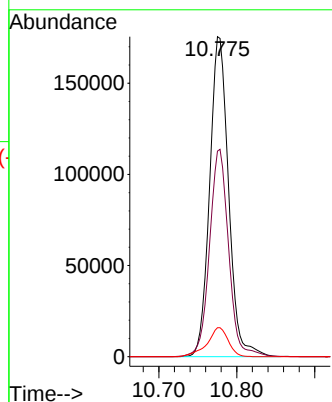
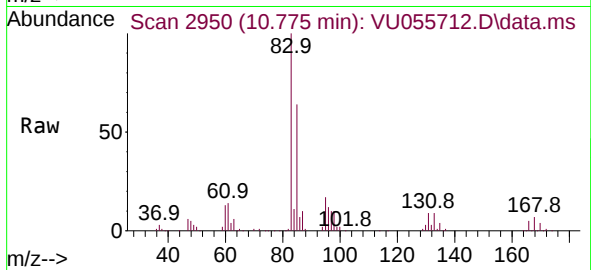




#57
1,1,2,2-Tetrachloroethane
Concen: 47.276 ug/L
RT: 10.775 min Scan# 2950
Delta R.T. 0.000 min
Lab File: VU055712.D
Acq: 10 Oct 2023 10:40

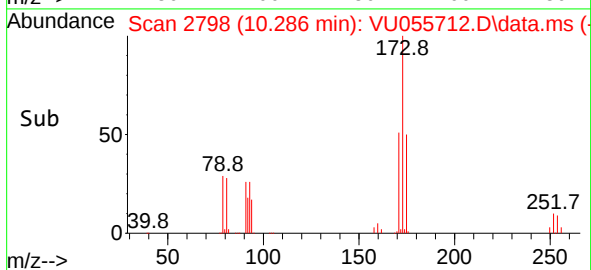
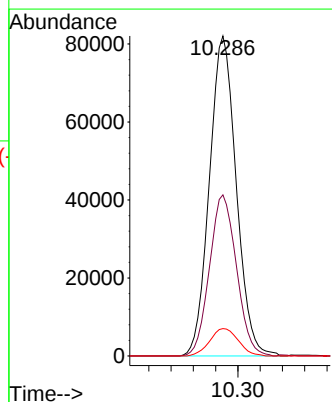
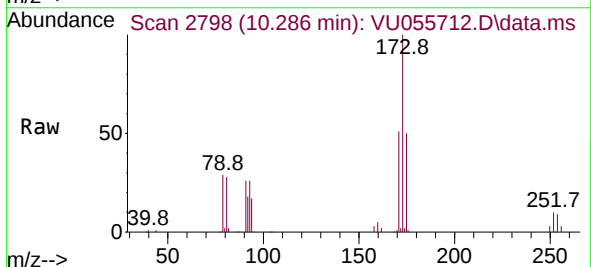
Instrument :
MSVOA_U
ClientSampleId :

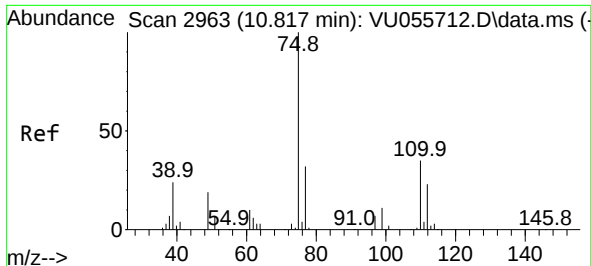
Tgt Ion: 83 Resp: 296165
Ion Ratio Lower Upper
83 100
85 64.2 44.9 83.5
131 9.1 7.3 10.9



#59
Bromoform
Concen: 49.150 ug/L
RT: 10.286 min Scan# 2798
Delta R.T. 0.000 min
Lab File: VU055712.D
Acq: 10 Oct 2023 10:40

Tgt Ion:173 Resp: 137330
Ion Ratio Lower Upper
173 100
175 50.5 40.4 60.6
254 9.1 7.3 10.9

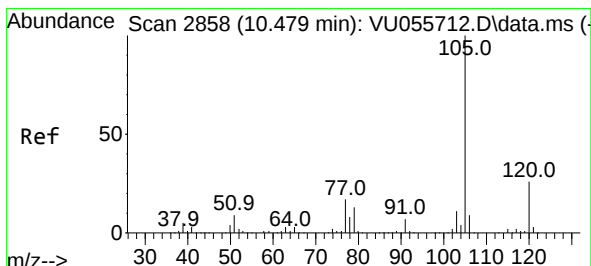
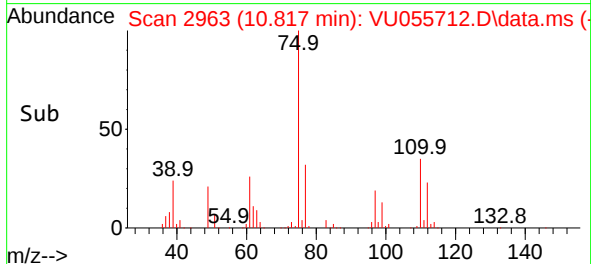
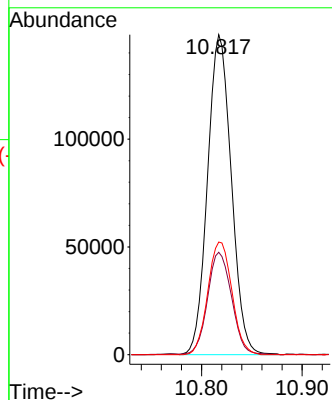
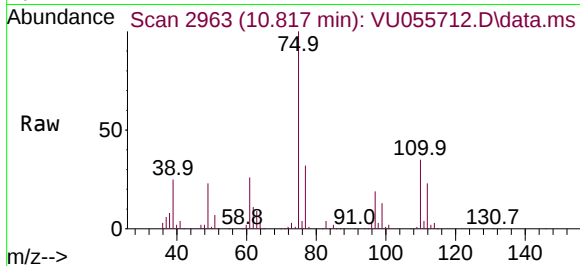




#60
 1,2,3-Trichloropropane
 Concen: 54.698 ug/L
 RT: 10.817 min Scan# 2963
 Delta R.T. 0.000 min
 Lab File: VU055712.D
 Acq: 10 Oct 2023 10:40

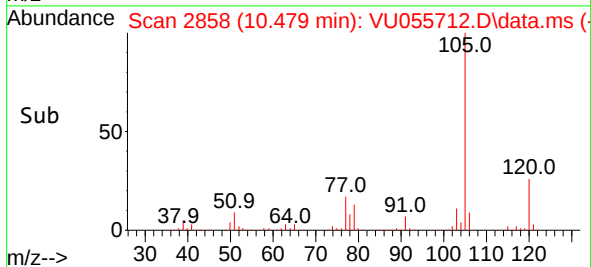
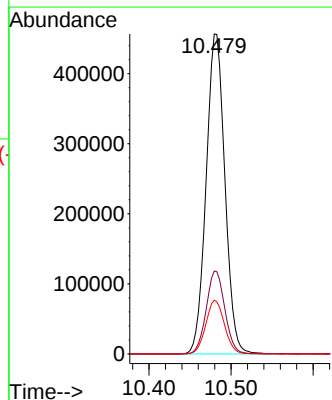
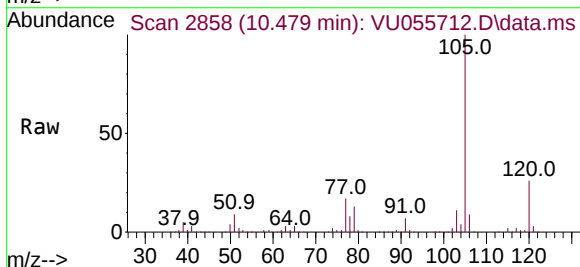
Instrument :
 MSVOA_U
 ClientSampleId :

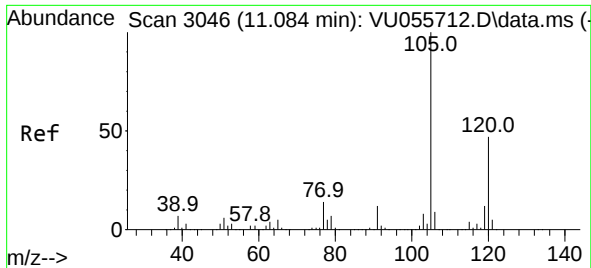
Tgt Ion: 75 Resp: 243894
 Ion Ratio Lower Upper
 75 100
 77 32.3 25.8 38.8
 110 35.6 28.5 42.7



#61
 Isopropylbenzene
 Concen: 49.167 ug/L
 RT: 10.479 min Scan# 2858
 Delta R.T. 0.000 min
 Lab File: VU055712.D
 Acq: 10 Oct 2023 10:40

Tgt Ion: 105 Resp: 724932
 Ion Ratio Lower Upper
 105 100
 120 25.7 20.6 30.8
 77 16.7 13.4 20.0

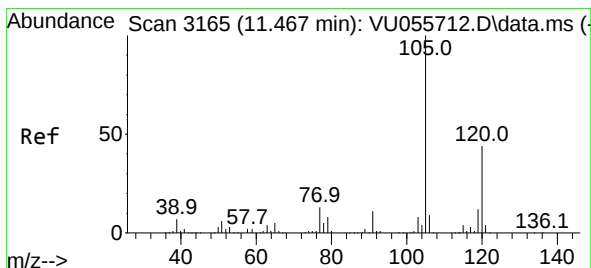
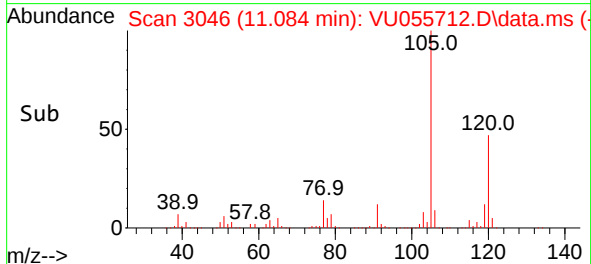
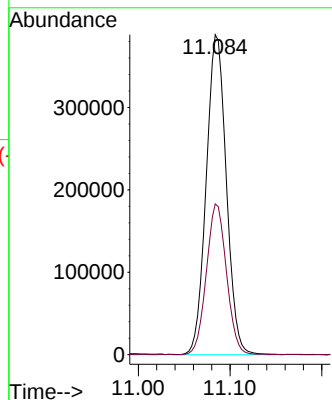
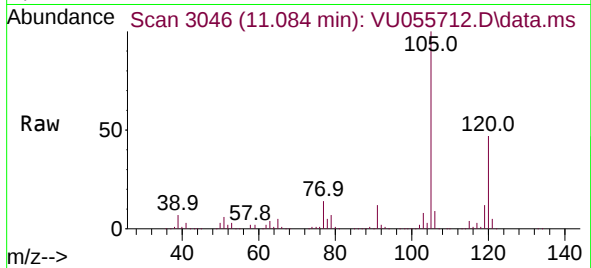




#62
 1,3,5-Trimethylbenzene
 Concen: 48.817 ug/L
 RT: 11.084 min Scan# 3046
 Delta R.T. 0.000 min
 Lab File: VU055712.D
 Acq: 10 Oct 2023 10:40

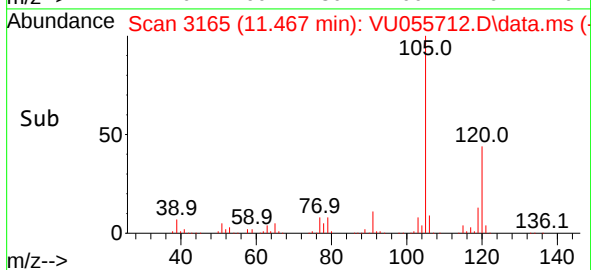
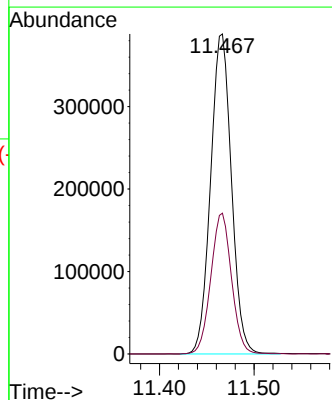
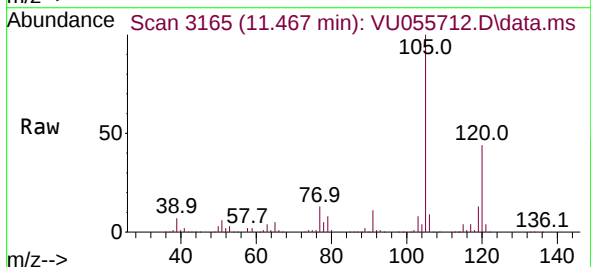
Instrument :
 MSVOA_U
 ClientSampleId :

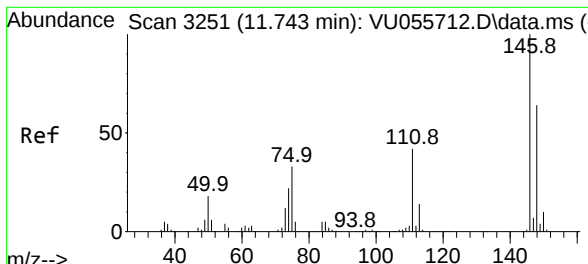
Tgt Ion:105 Resp: 591909
 Ion Ratio Lower Upper
 105 100
 120 47.1 37.7 56.5



#63
 1,2,4-Trimethylbenzene
 Concen: 49.332 ug/L
 RT: 11.467 min Scan# 3165
 Delta R.T. 0.000 min
 Lab File: VU055712.D
 Acq: 10 Oct 2023 10:40

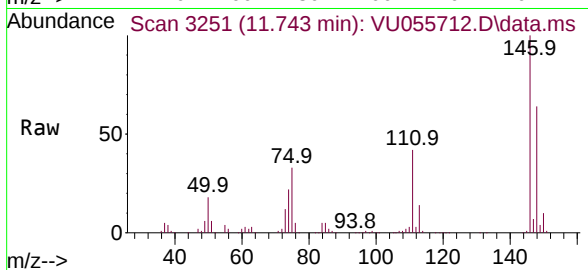
Tgt Ion:105 Resp: 593991
 Ion Ratio Lower Upper
 105 100
 120 43.7 35.0 52.4



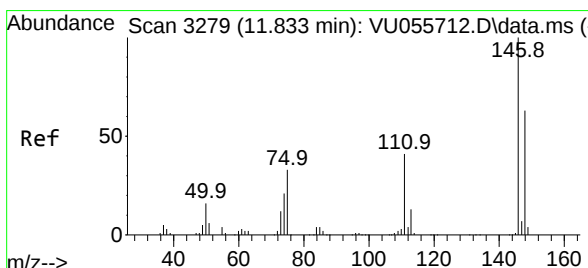
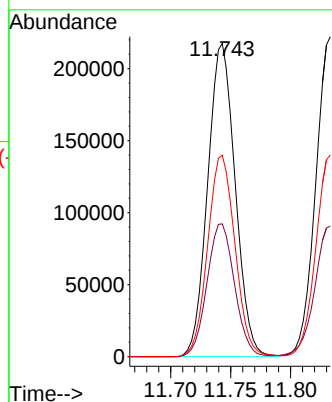
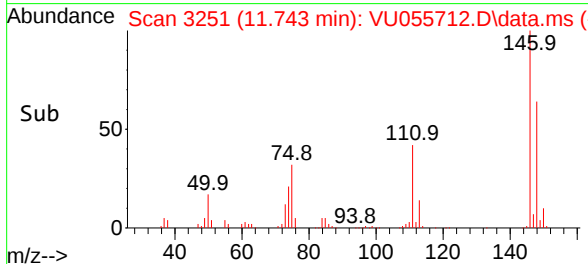


#64
1,3-Dichlorobenzene
Concen: 50.364 ug/L
RT: 11.743 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU055712.D
Acq: 10 Oct 2023 10:40

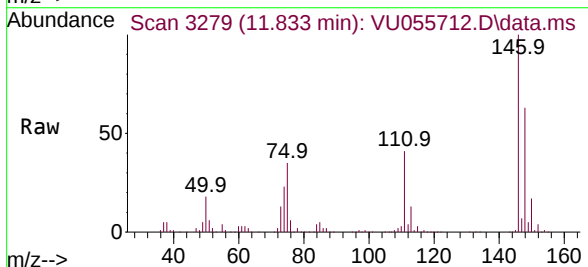
Instrument :
MSVOA_U
ClientSampleId :



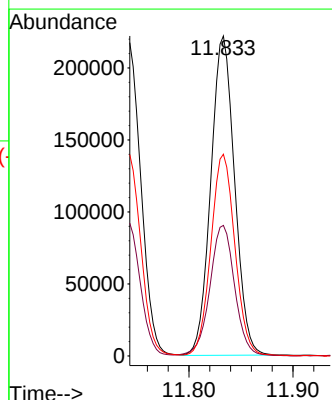
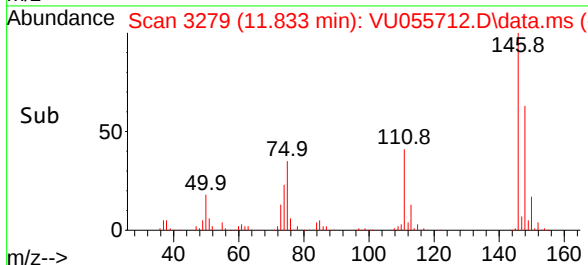
Tgt Ion:146 Resp: 346921
Ion Ratio Lower Upper
146 100
111 42.4 29.7 55.1
148 64.3 45.0 83.6

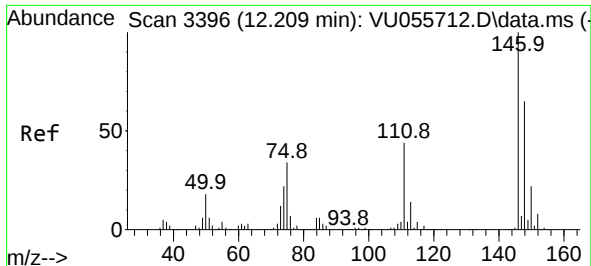


#65
1,4-Dichlorobenzene
Concen: 50.715 ug/L
RT: 11.833 min Scan# 3279
Delta R.T. 0.000 min
Lab File: VU055712.D
Acq: 10 Oct 2023 10:40



Tgt Ion:146 Resp: 352746
Ion Ratio Lower Upper
146 100
111 40.8 28.6 53.0
148 63.1 44.2 82.0





#67

1,2-Dichlorobenzene

Concen: 50.706 ug/L

RT: 12.209 min Scan# 3396

Delta R.T. 0.000 min

Lab File: VU055712.D

Acq: 10 Oct 2023 10:40

Instrument :

MSVOA_U

ClientSampleId :

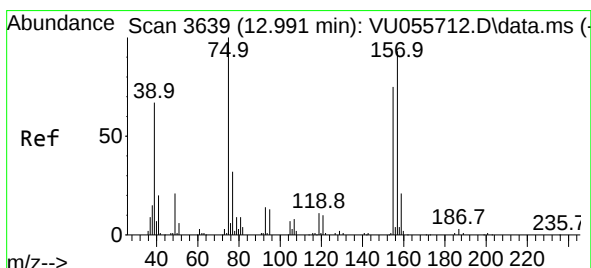
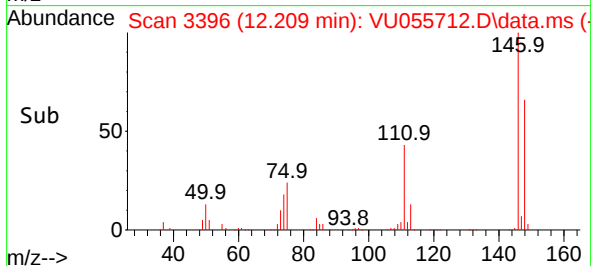
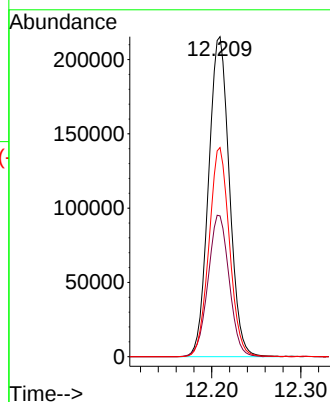
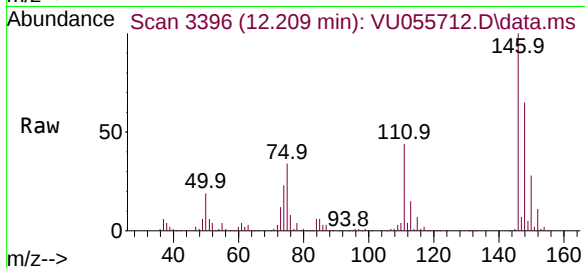
Tgt Ion:146 Resp: 349393

Ion Ratio Lower Upper

146 100

111 44.0 35.2 52.8

148 65.4 52.3 78.5



#68

1,2-Dibromo-3-chloropropane

Concen: 60.500 ug/L

RT: 12.991 min Scan# 3639

Delta R.T. 0.000 min

Lab File: VU055712.D

Acq: 10 Oct 2023 10:40

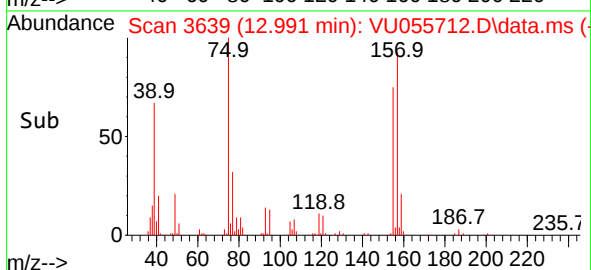
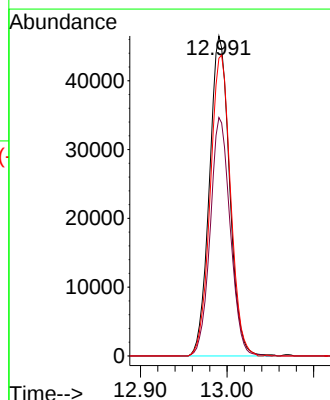
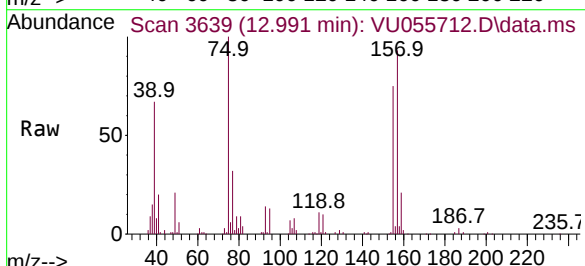
Tgt Ion: 75 Resp: 75119

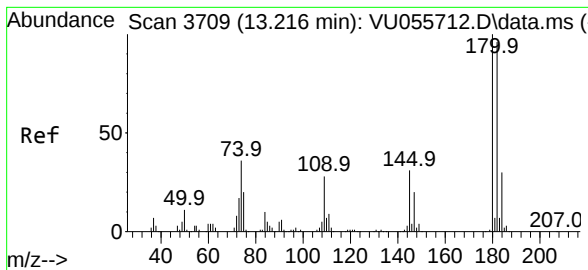
Ion Ratio Lower Upper

75 100

155 74.5 59.6 89.4

157 97.1 77.7 116.5

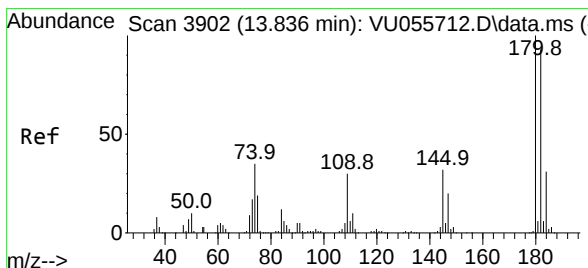
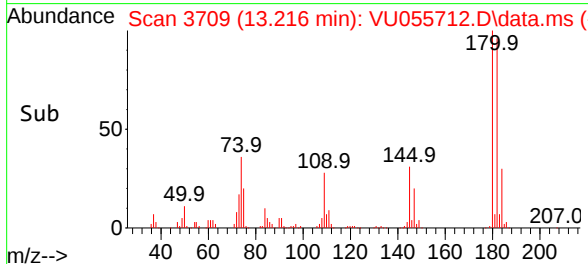
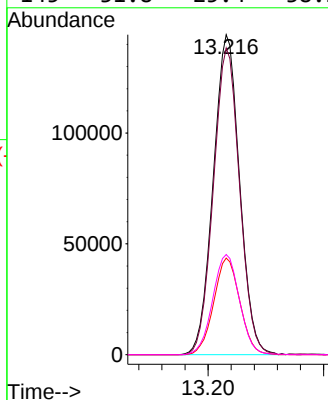
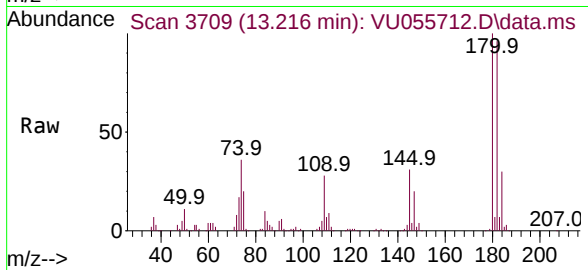




#69
 1,3,5-Trichlorobenzene
 Concen: 49.752 ug/L
 RT: 13.216 min Scan# 3709
 Delta R.T. 0.000 min
 Lab File: VU055712.D
 Acq: 10 Oct 2023 10:40

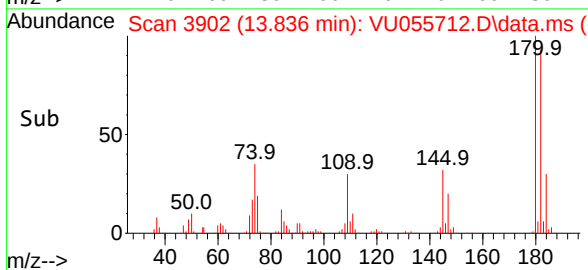
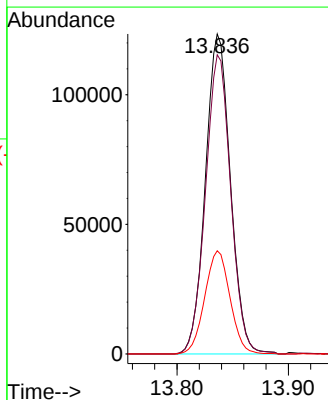
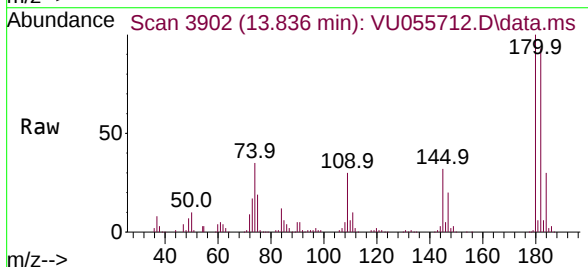
Instrument :
 MSVOA_U
 ClientSampleId :

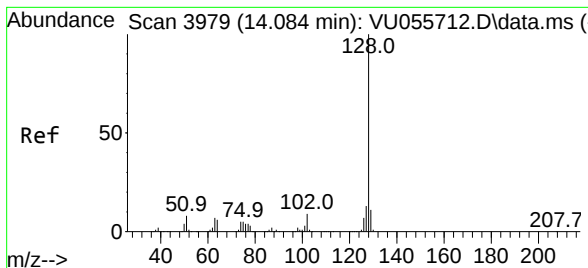
Tgt Ion:180 Resp: 228642
 Ion Ratio Lower Upper
 180 100
 182 95.2 76.2 114.2
 184 29.9 23.9 35.9
 145 31.8 25.4 38.2



#70
 1,2,4-trichlorobenzene
 Concen: 49.072 ug/L
 RT: 13.836 min Scan# 3902
 Delta R.T. 0.000 min
 Lab File: VU055712.D
 Acq: 10 Oct 2023 10:40

Tgt Ion:180 Resp: 192745
 Ion Ratio Lower Upper
 180 100
 182 94.3 75.4 113.2
 145 32.6 26.1 39.1





#71

Naphthalene

Concen: 47.727 ug/L

RT: 14.084 min Scan# 3979

Delta R.T. 0.000 min

Lab File: VU055712.D

Acq: 10 Oct 2023 10:40

Instrument :

MSVOA_U

ClientSampleId :

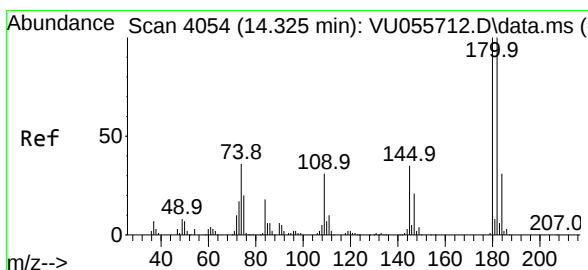
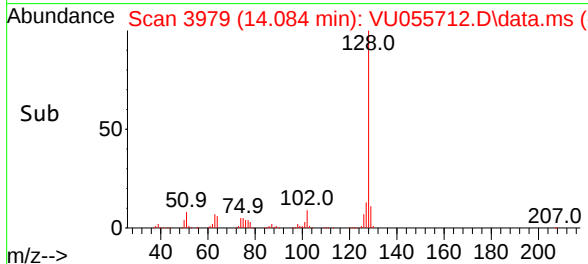
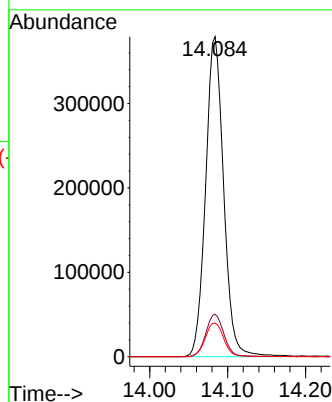
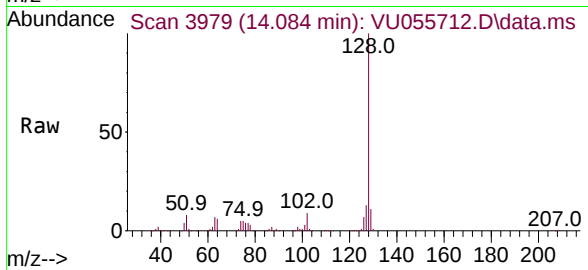
Tgt Ion:128 Resp: 608209

Ion Ratio Lower Upper

128 100

127 13.3 10.6 16.0

129 10.9 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 50.850 ug/L

RT: 14.325 min Scan# 4054

Delta R.T. 0.000 min

Lab File: VU055712.D

Acq: 10 Oct 2023 10:40

Tgt Ion:180 Resp: 196101

Ion Ratio Lower Upper

180 100

182 97.6 78.1 117.1

145 34.2 27.4 41.0

