

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111622\
 Data File : VU051880.D
 Acq On : 16 Nov 2022 13:33
 Operator : JC/MD
 Sample : MDL01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL01

Quant Time: Nov 17 01:40:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM111522WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Nov 17 01:20:24 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	505547	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	503456	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	204292	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	108644	43.775	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.540%
7) Chloroethane-d5	1.903	69	116827	46.982	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.960%
11) 1,1-Dichloroethene-d2	2.562	63	136062	30.571	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	61.140%
21) 2-Butanone-d5	4.617	46	261832	92.776	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.780%
24) Chloroform-d	5.060	84	279556	44.933	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.860%
26) 1,2-Dichloroethane-d4	5.700	65	174086	45.710	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.420%
32) Benzene-d6	5.723	84	508301	48.422	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.840%
36) 1,2-Dichloropropane-d6	6.687	67	192073	49.156	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.320%
41) Toluene-d8	7.896	98	390008	45.264	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.520%
43) trans-1,3-Dichloroprop...	8.176	79	68449	43.980	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.960%
47) 2-Hexanone-d5	8.629	63	180613	90.951	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.950%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	343860	45.216	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.440%
66) 1,2-Dichlorobenzene-d4	12.192	152	188521	52.437	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.880%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	6323	2.037	ug/L	99
3) Chloromethane	1.523	50	10546	2.559	ug/L	95
5) Vinyl chloride	1.604	62	9124	2.134	ug/L #	4
6) Bromomethane	1.839	94	4233	2.285	ug/L	89
8) Chloroethane	1.925	64	6559	2.360	ug/L	92
9) Trichlorofluoromethane	2.134	101	10651	2.081	ug/L	95
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	7775	2.410	ug/L	96
12) 1,1-Dichloroethene	2.578	96	7895	2.621	ug/L #	1
13) Acetone	2.630	43	9449	3.129	ug/L	96
14) Carbon disulfide	2.790	76	17027	2.040	ug/L	98
15) Methyl Acetate	2.951	43	8749	2.125	ug/L	96
16) Methylene chloride	3.044	84	12552	2.610	ug/L	94
17) trans-1,2-Dichloroethene	3.350	96	6233	1.920	ug/L	94
18) Methyl tert-butyl Ether	3.363	73	19079	1.899	ug/L	96
19) 1,1-Dichloroethane	3.867	63	13399	2.028	ug/L	94
20) cis-1,2-Dichloroethene	4.665	96	7873	2.078	ug/L	97
22) 2-Butanone	4.710	43	13322m	3.907	ug/L	
23) Bromochloromethane	4.977	128	4229	2.022	ug/L	95
27) 1,2-Dichloroethane	5.797	62	10958	2.151	ug/L #	93

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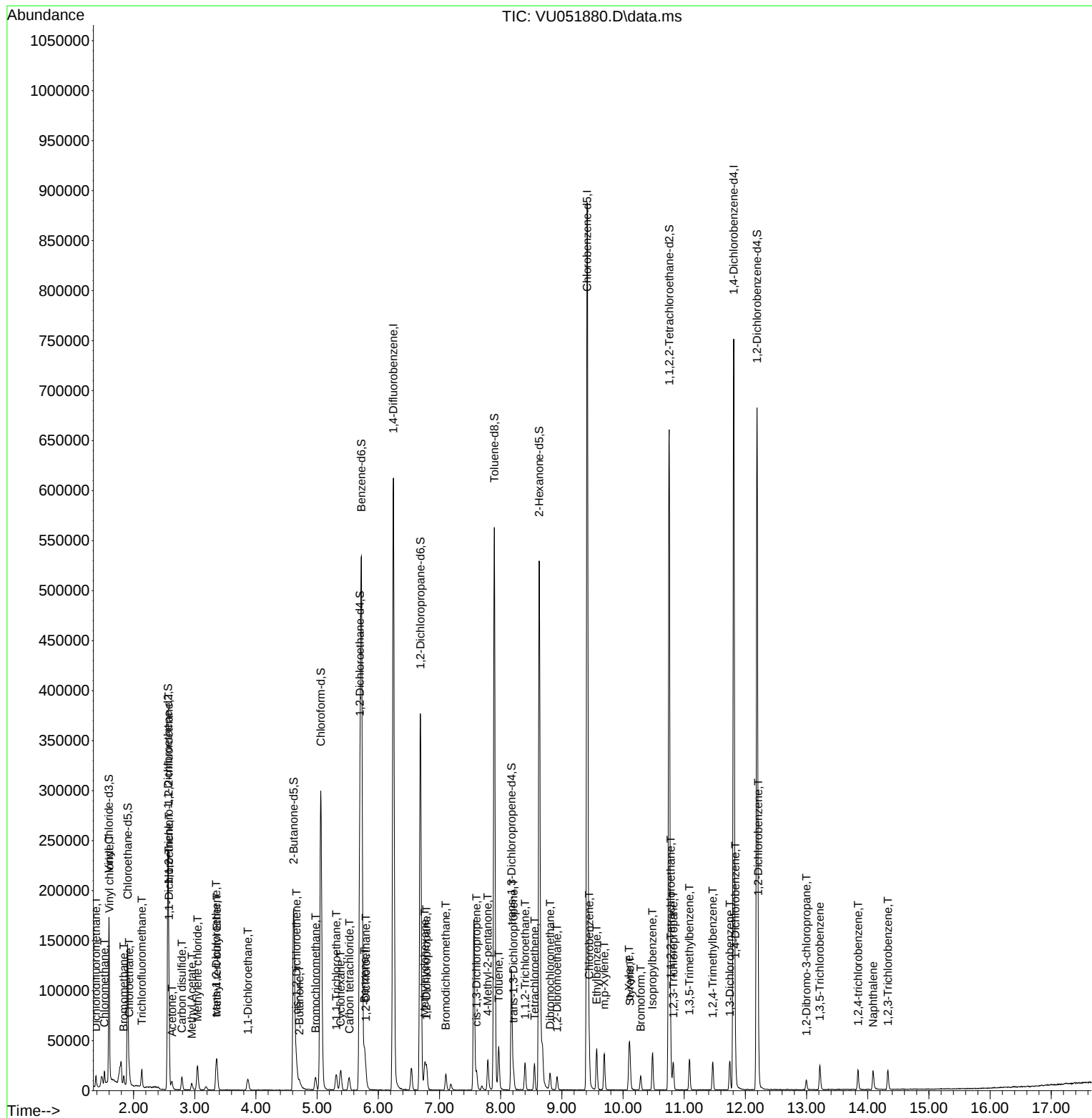
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	5.382	56	8198	1.909	ug/L #	79
30) 1,1,1-Trichloroethane	5.314	97	11064	2.174	ug/L	98
31) Carbon tetrachloride	5.527	117	9382	2.205	ug/L	96
33) Benzene	5.774	78	32670	2.256	ug/L	100
35) Methylcyclohexane	6.761	83	9765	2.099	ug/L	94
37) 1,2-Dichloropropane	6.787	63	9181	2.239	ug/L #	89
38) Bromodichloromethane	7.102	83	11100	2.164	ug/L	94
39) cis-1,3-Dichloropropene	7.607	75	10614	1.979	ug/L	96
40) 4-Methyl-2-pentanone	7.790	43	19339	3.581	ug/L	96
42) Toluene	7.967	91	31500	2.115	ug/L	98
44) trans-1,3-Dichloropropene	8.208	75	10386	2.021	ug/L	94
45) 1,1,2-Trichloroethane	8.401	97	8775	2.106	ug/L	95
46) Tetrachloroethene	8.555	164	5649	2.062	ug/L	92
49) Dibromochloromethane	8.809	129	8417	1.959	ug/L	96
50) 1,2-Dibromoethane	8.922	107	8980	2.141	ug/L #	96
51) Chlorobenzene	9.446	112	21500	2.112	ug/L	98
52) Ethylbenzene	9.568	91	28512	1.870	ug/L	94
53) m,p-Xylene	9.694	106	10413	1.765	ug/L	85
54) o-Xylene	10.099	106	10174	1.694	ug/L	95
55) Styrene	10.115	104	14450	1.394	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.780	83	16420	2.085	ug/L #	98
59) Bromoform	10.288	173	6289	2.271	ug/L	94
60) 1,2,3-Trichloropropane	10.822	75	12058	2.467	ug/L	96
61) Isopropylbenzene	10.481	105	23052	1.931	ug/L	97
62) 1,3,5-Trimethylbenzene	11.086	105	16938	1.741	ug/L	94
63) 1,2,4-Trimethylbenzene	11.465	105	15078	1.586	ug/L	96
64) 1,3-Dichlorobenzene	11.745	146	12995	2.147	ug/L	98
65) 1,4-Dichlorobenzene	11.835	146	13778	2.248	ug/L	98
67) 1,2-Dichlorobenzene	12.211	146	14875	2.312	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.996	75	2743	2.192	ug/L	97
69) 1,3,5-Trichlorobenzene	13.217	180	8472	2.110	ug/L	98
70) 1,2,4-trichlorobenzene	13.841	180	6790	2.134	ug/L	96
71) Naphthalene	14.089	128	18035m	1.723	ug/L	
72) 1,2,3-Trichlorobenzene	14.330	180	6893	1.979	ug/L	93

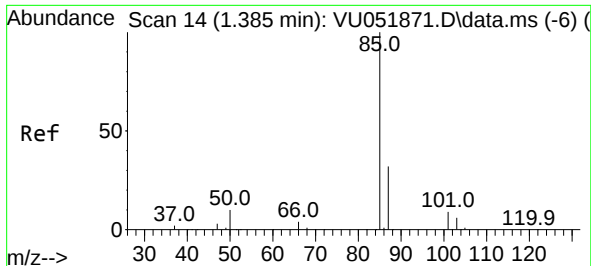
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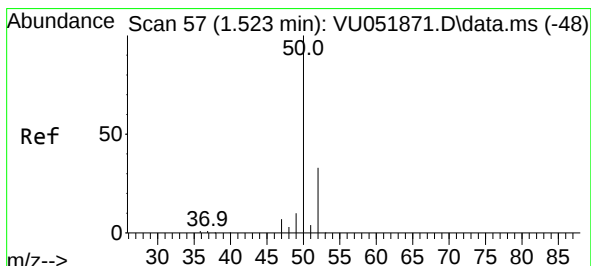
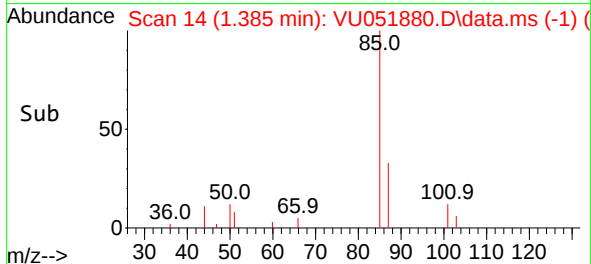
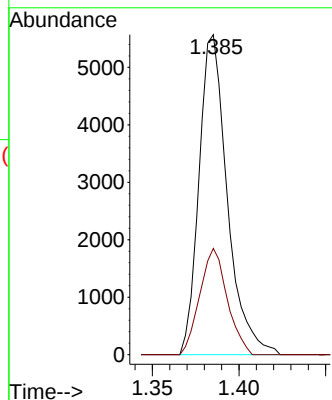
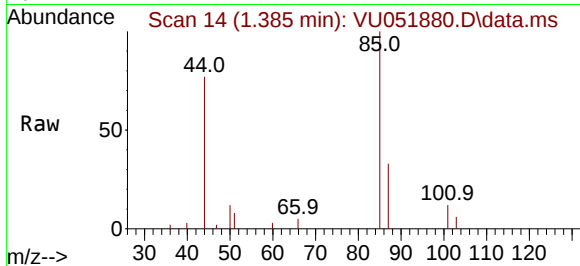




#2
Dichlorodifluoromethane
Concen: 2.037 ug/L
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU051880.D
Acq: 16 Nov 2022 13:33

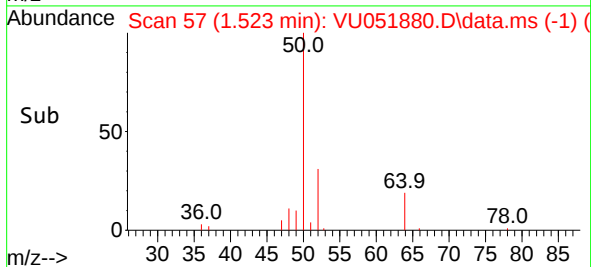
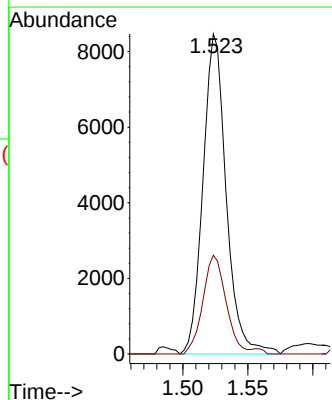
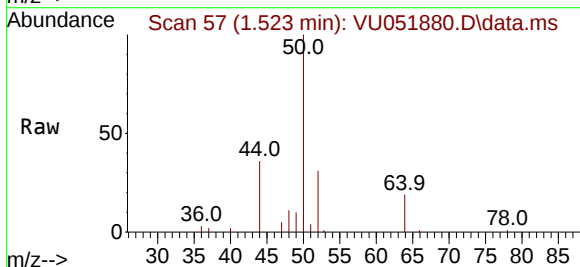
Instrument :
MSVOA_U
ClientSampleId :
MDL01

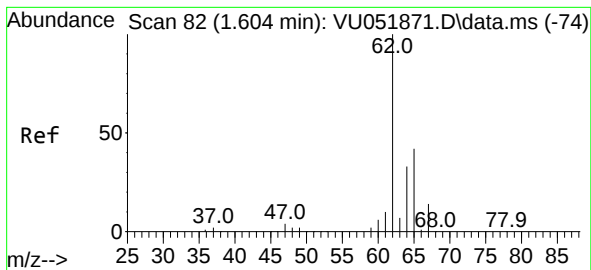
Tgt Ion: 85 Resp: 6323
Ion Ratio Lower Upper
85 100
87 32.2 26.0 39.0



#3
Chloromethane
Concen: 2.559 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.000 min
Lab File: VU051880.D
Acq: 16 Nov 2022 13:33

Tgt Ion: 50 Resp: 10546
Ion Ratio Lower Upper
50 100
52 30.8 23.4 43.6





#5

Vinyl chloride

Concen: 2.134 ug/L

RT: 1.604 min Scan# 82

Delta R.T. 0.000 min

Lab File: VU051880.D

Acq: 16 Nov 2022 13:33

Instrument :

MSVOA_U

ClientSampleId :

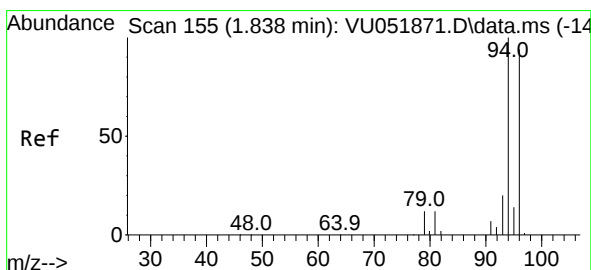
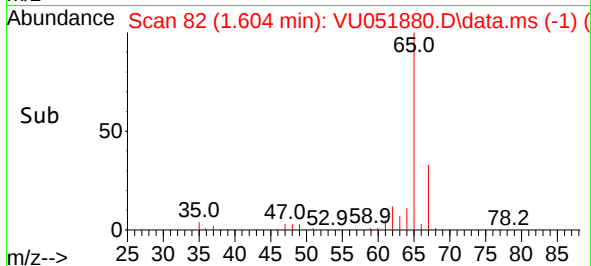
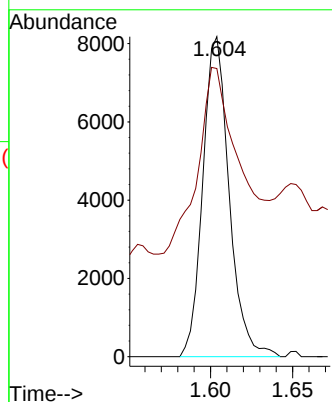
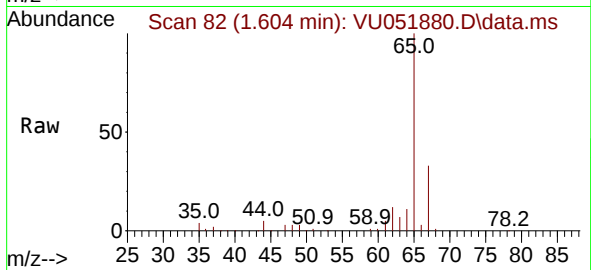
MDL01

Tgt Ion: 62 Resp: 9124

Ion Ratio Lower Upper

62 100

64 90.0 24.3 45.1#



#6

Bromomethane

Concen: 2.285 ug/L

RT: 1.839 min Scan# 155

Delta R.T. 0.000 min

Lab File: VU051880.D

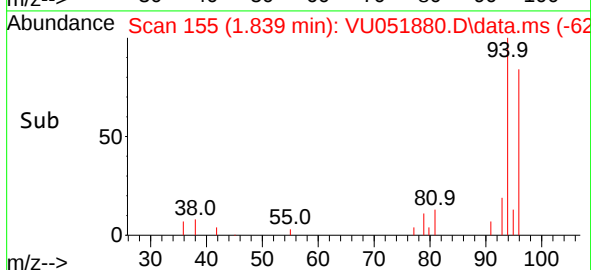
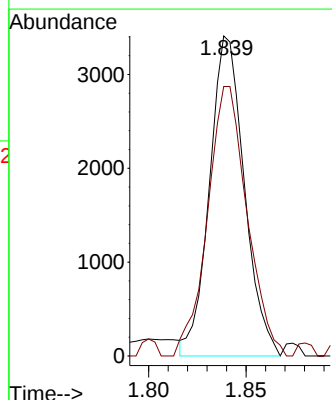
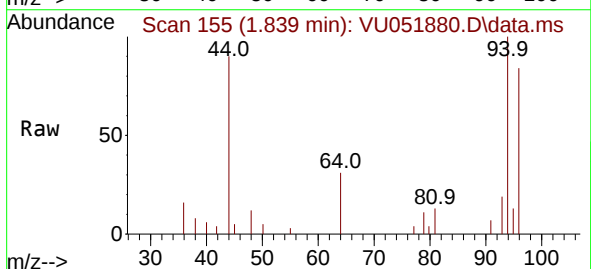
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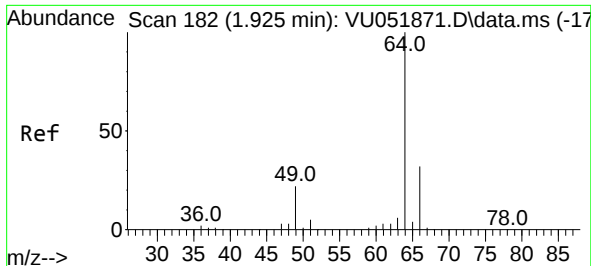
Tgt Ion: 94 Resp: 4233

Ion Ratio Lower Upper

94 100

96 84.2 66.1 122.7

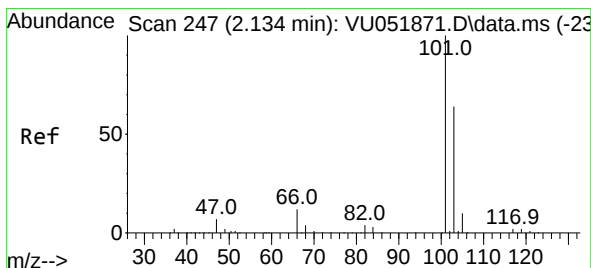
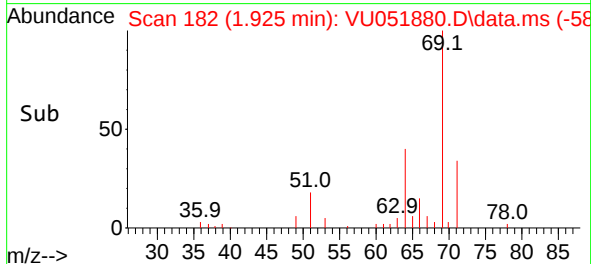
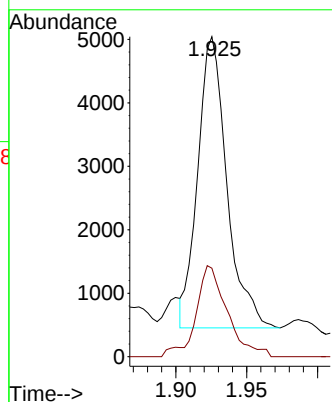
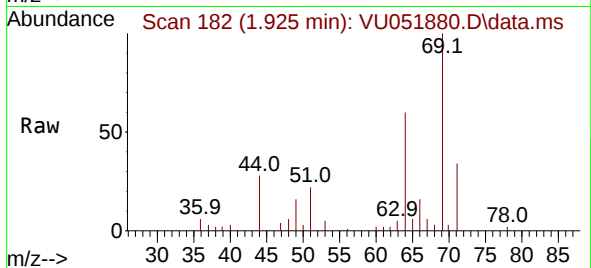




#8
Chloroethane
Concen: 2.360 ug/L
RT: 1.925 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU051880.D
Acq: 16 Nov 2022 13:33

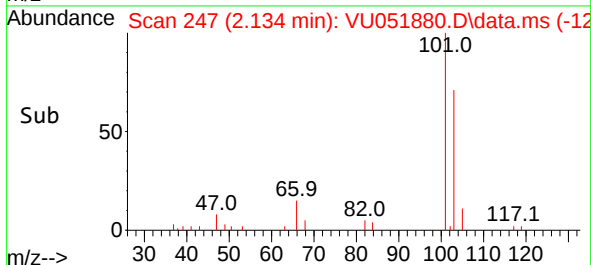
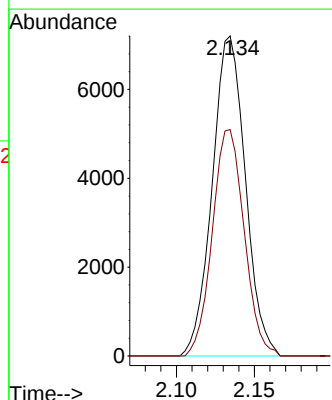
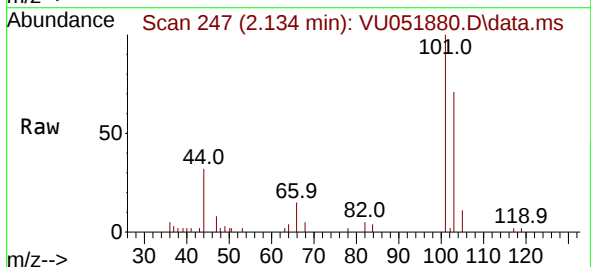
Instrument :
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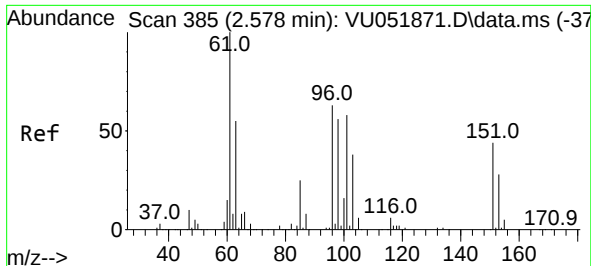
Tgt Ion: 64 Resp: 6559
Ion Ratio Lower Upper
64 100
66 27.6 22.4 41.6



#9
Trichlorofluoromethane
Concen: 2.081 ug/L
RT: 2.134 min Scan# 247
Delta R.T. 0.000 min
Lab File: VU051880.D
Acq: 16 Nov 2022 13:33

Tgt Ion:101 Resp: 10651
Ion Ratio Lower Upper
101 100
103 67.9 51.4 77.2

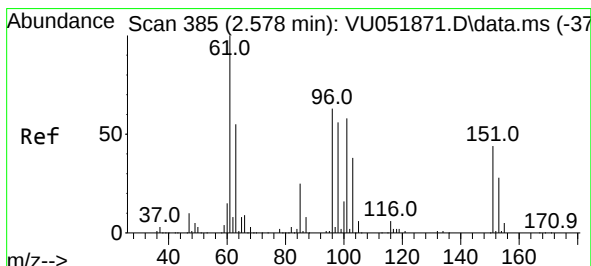
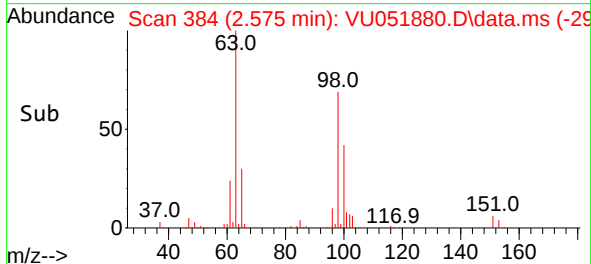
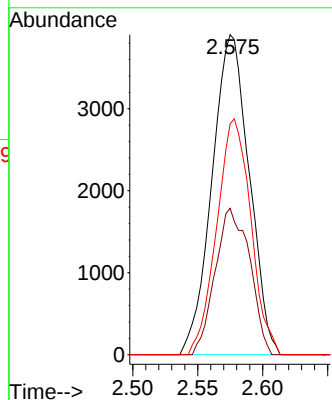
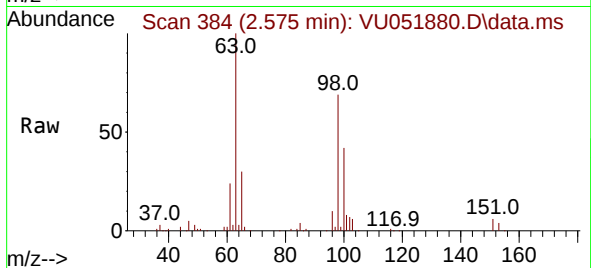




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 2.410 ug/L
RT: 2.575 min Scan# 384
Delta R.T. -0.003 min
Lab File: VU051880.D
Acq: 16 Nov 2022 13:33

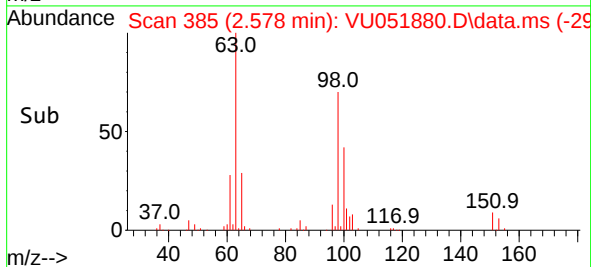
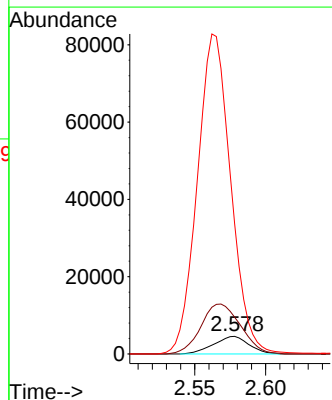
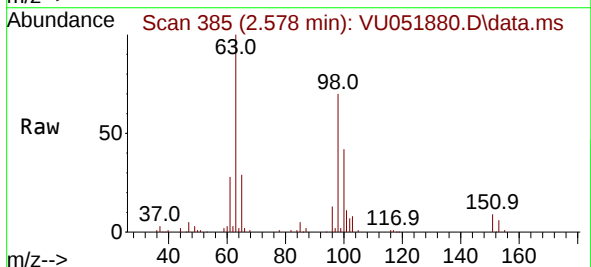
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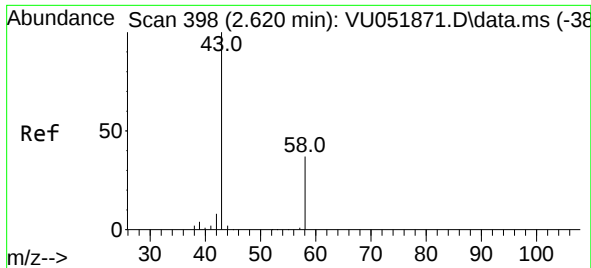
Tgt Ion:101 Resp: 7775
Ion Ratio Lower Upper
101 100
85 42.5 34.2 51.2
151 67.7 58.3 87.5



#12
1,1-Dichloroethene
Concen: 2.621 ug/L
RT: 2.578 min Scan# 385
Delta R.T. 0.000 min
Lab File: VU051880.D
Acq: 16 Nov 2022 13:33

Tgt Ion: 96 Resp: 7895
Ion Ratio Lower Upper
96 100
61 209.4 110.7 205.5#
63 741.2 68.6 127.4#





#13

Acetone

Concen: 3.129 ug/L

RT: 2.630 min Scan# 401

Delta R.T. 0.010 min

Lab File: VU051880.D

Acq: 16 Nov 2022 13:33

Instrument :

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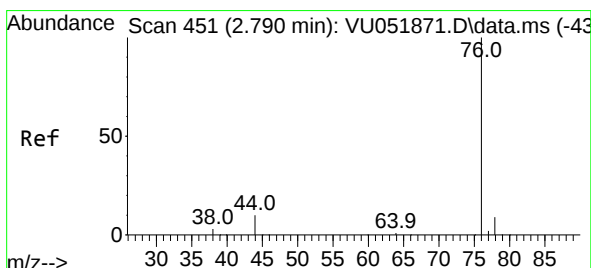
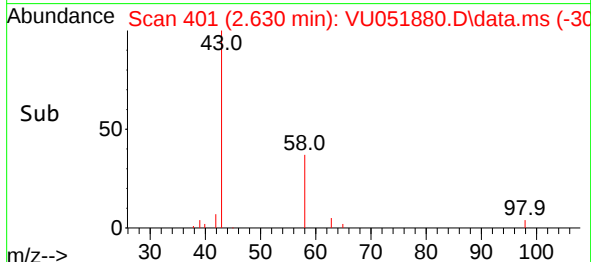
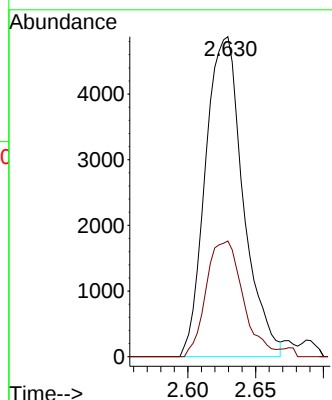
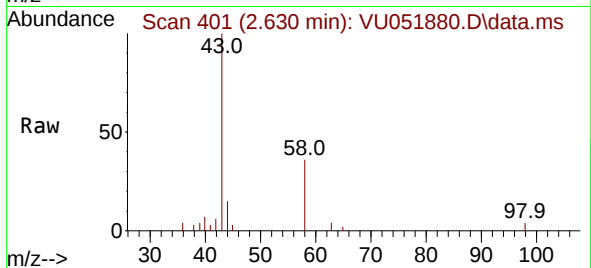
MDL01

Tgt Ion: 43 Resp: 9449

Ion Ratio Lower Upper

43 100

58 35.2 0.0 75.4



#14

Carbon disulfide

Concen: 2.040 ug/L

RT: 2.790 min Scan# 451

Delta R.T. 0.000 min

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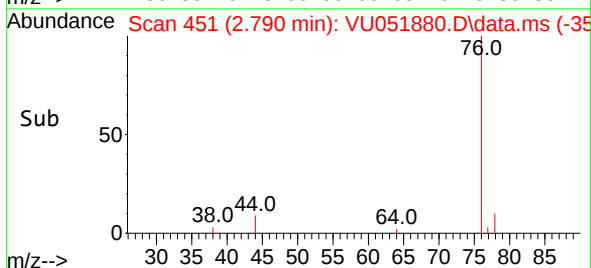
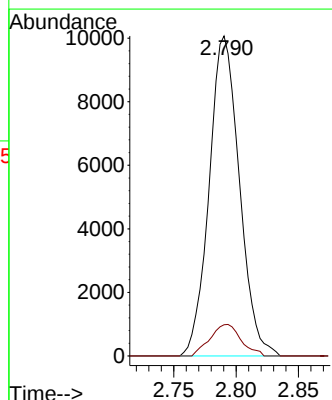
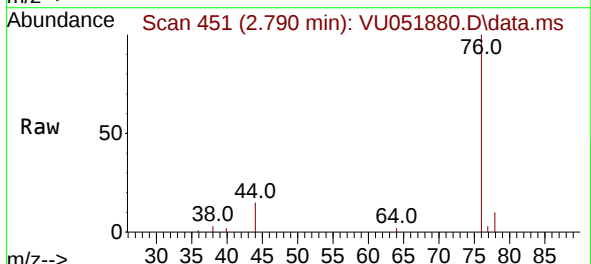
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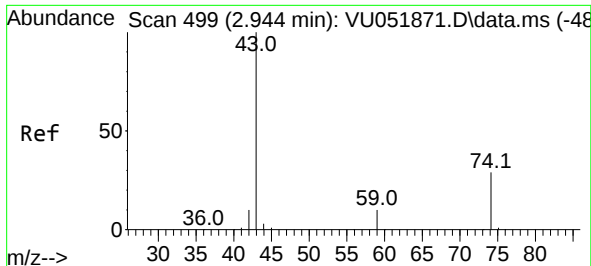
Tgt Ion: 76 Resp: 17027

Ion Ratio Lower Upper

76 100

78 9.8 7.4 11.0

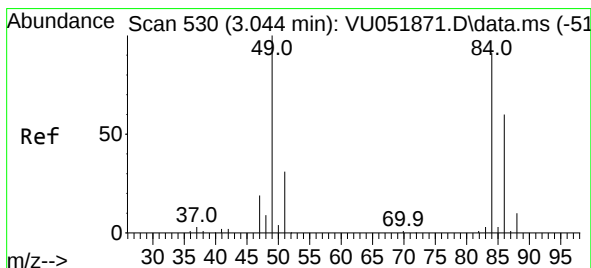
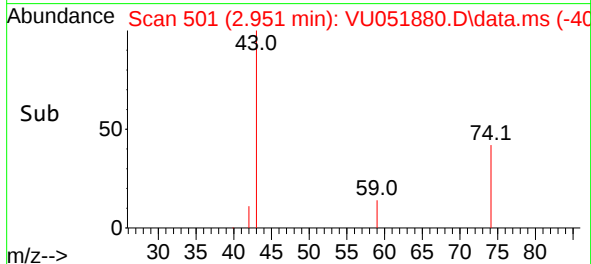
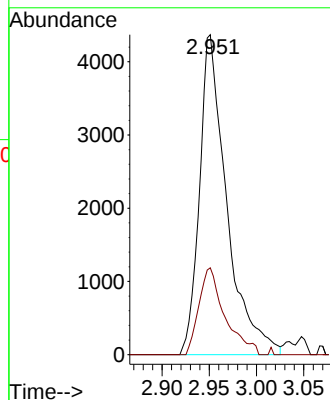
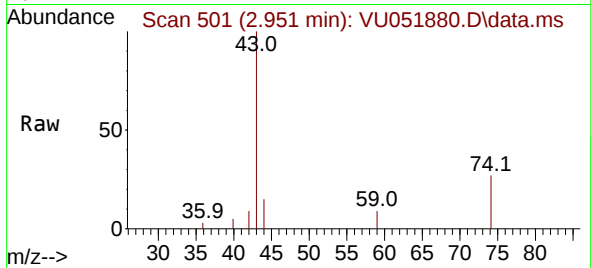




#15
Methyl Acetate
Concen: 2.125 ug/L
RT: 2.951 min Scan# 501
Delta R.T. 0.007 min
Lab File: VU051880.D
Acq: 16 Nov 2022 13:33

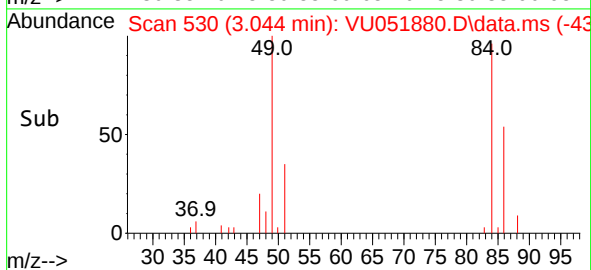
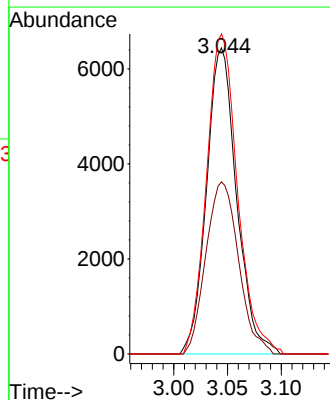
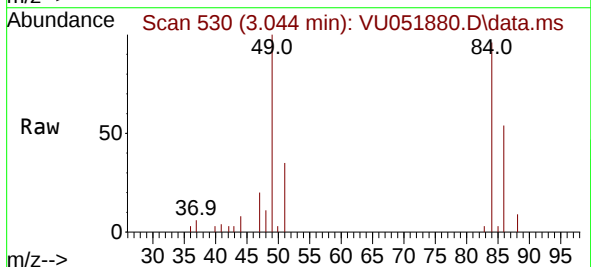
Instrument :
MSVOA_U
ClientSampleId :
MDL01

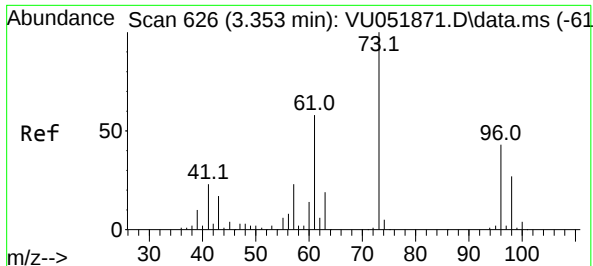
Tgt Ion: 43 Resp: 8749
Ion Ratio Lower Upper
43 100
74 25.2 21.8 32.8



#16
Methylene chloride
Concen: 2.610 ug/L
RT: 3.044 min Scan# 530
Delta R.T. 0.000 min
Lab File: VU051880.D
Acq: 16 Nov 2022 13:33

Tgt Ion: 84 Resp: 12552
Ion Ratio Lower Upper
84 100
86 56.2 44.7 82.9
49 104.5 76.5 142.1





#17

trans-1,2-Dichloroethene

Concen: 1.920 ug/L

RT: 3.350 min Scan# 61

Delta R.T. -0.003 min

Lab File: VU051880.D

Acq: 16 Nov 2022 13:33

Instrument :

MSVOA_U

ClientSampleId :

MDL01

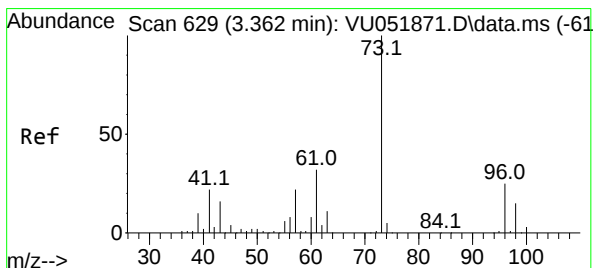
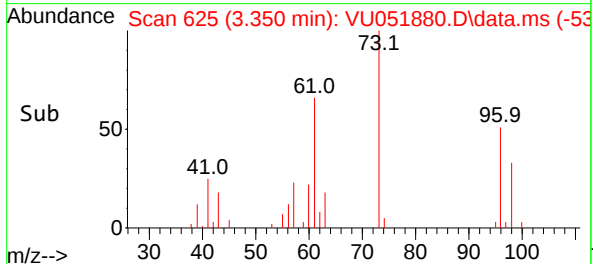
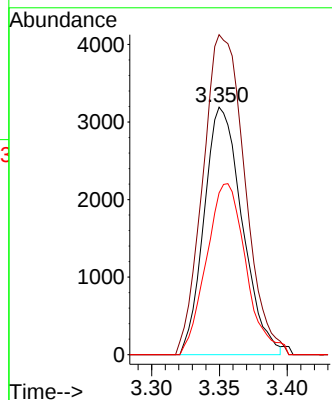
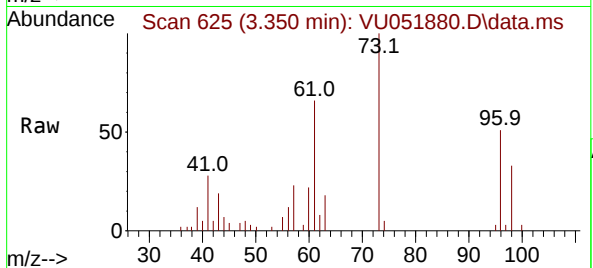
Tgt Ion: 96 Resp: 6233

Ion Ratio Lower Upper

96 100

61 129.3 98.3 182.7

98 65.4 45.5 84.5



#18

Methyl tert-butyl Ether

Concen: 1.899 ug/L

RT: 3.363 min Scan# 629

Delta R.T. 0.000 min

Lab File: VU051880.D

Acq: 16 Nov 2022 13:33

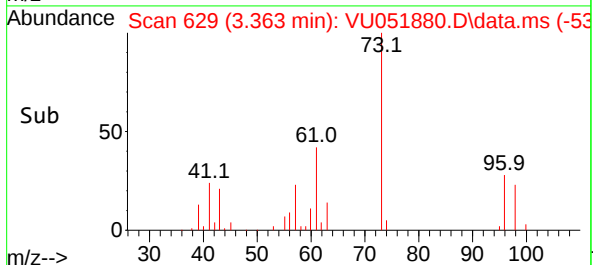
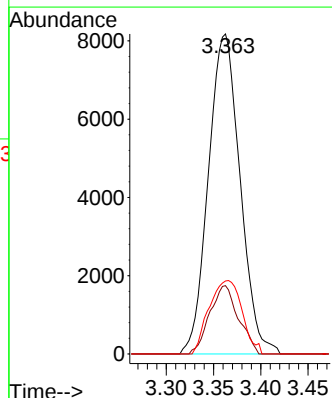
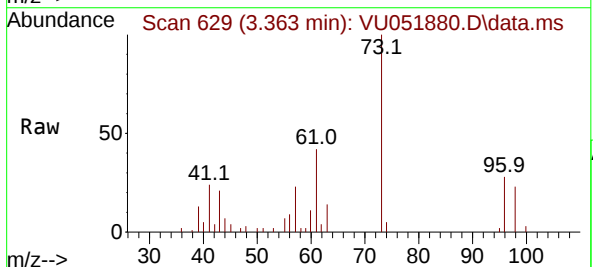
Tgt Ion: 73 Resp: 19079

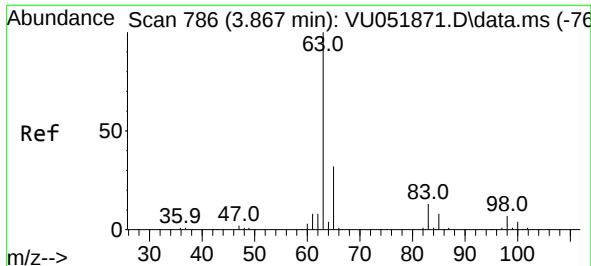
Ion Ratio Lower Upper

73 100

43 19.3 13.4 20.0

57 23.6 17.7 26.5

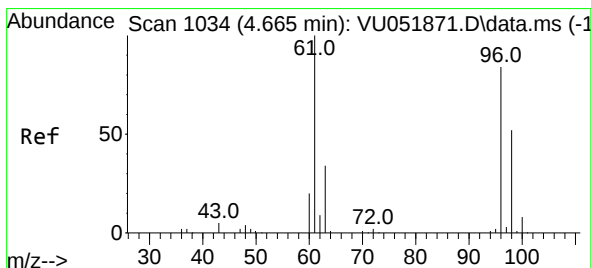
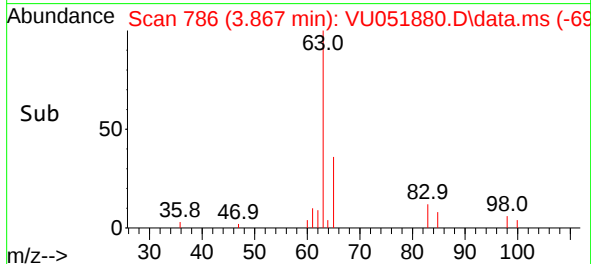
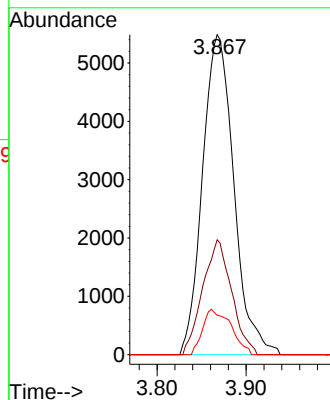
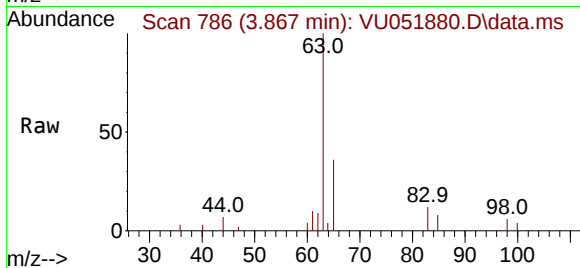




#19
1,1-Dichloroethane
Concen: 2.028 ug/L
RT: 3.867 min Scan# 786
Delta R.T. 0.000 min
Lab File: VU051880.D
Acq: 16 Nov 2022 13:33

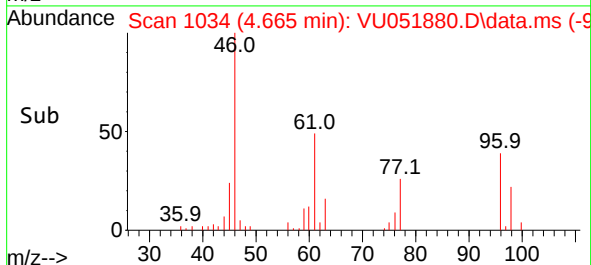
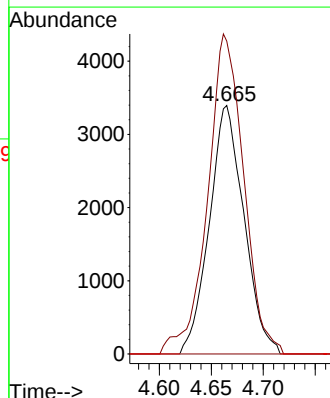
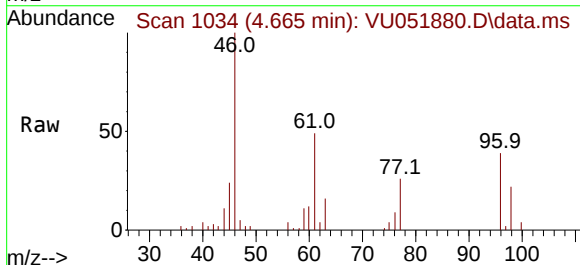
Instrument :
MSVOA_U
ClientSampleId :
MDL01

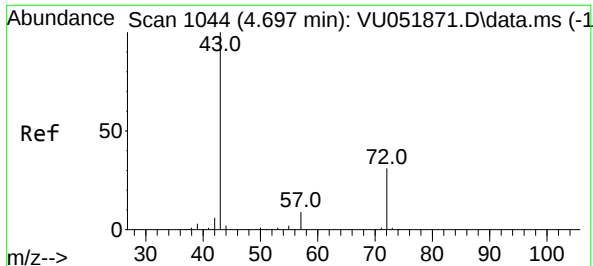
Tgt Ion:	63	Resp:	13399
Ion	Ratio	Lower	Upper
63	100		
65	35.9	22.2	41.2
83	12.3	9.6	17.8



#20
cis-1,2-Dichloroethene
Concen: 2.078 ug/L
RT: 4.665 min Scan# 1034
Delta R.T. 0.000 min
Lab File: VU051880.D
Acq: 16 Nov 2022 13:33

Tgt Ion:	96	Resp:	7873
Ion	Ratio	Lower	Upper
96	100		
61	125.9	86.0	159.8
68	0.0	0.0	0.0

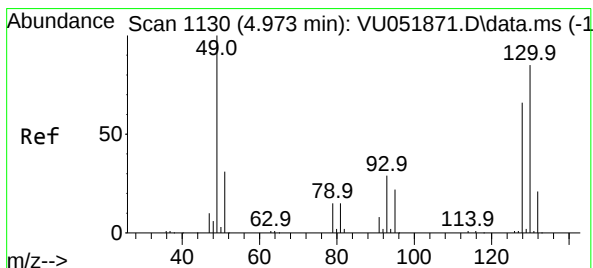
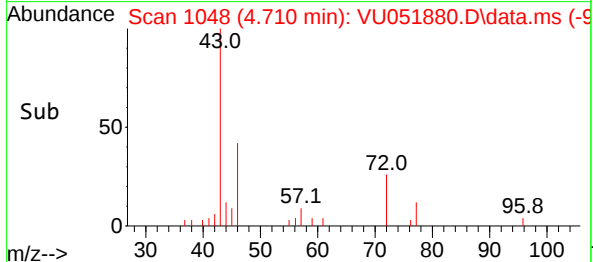
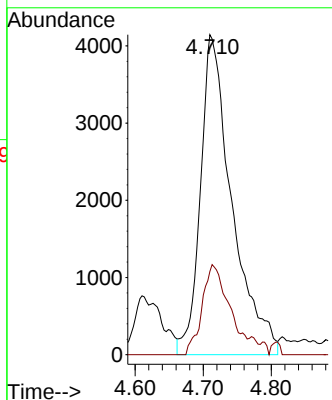
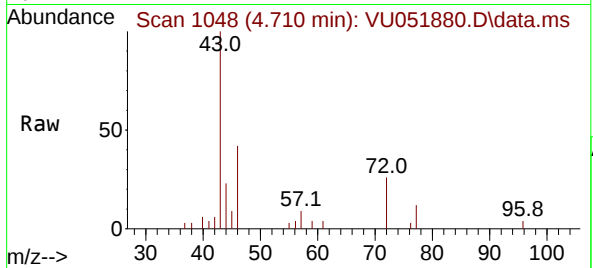




#22
2-Butanone
Concen: 3.907 ug/L m
RT: 4.710 min Scan# 1048
Delta R.T. 0.013 min
Lab File: VU051880.D
Acq: 16 Nov 2022 13:33

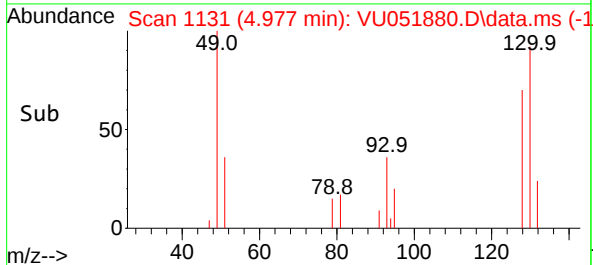
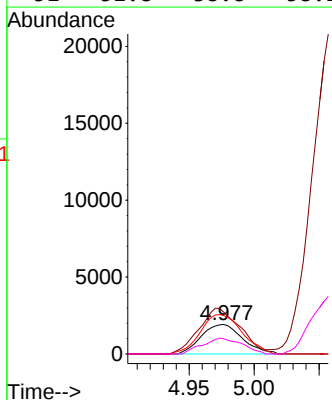
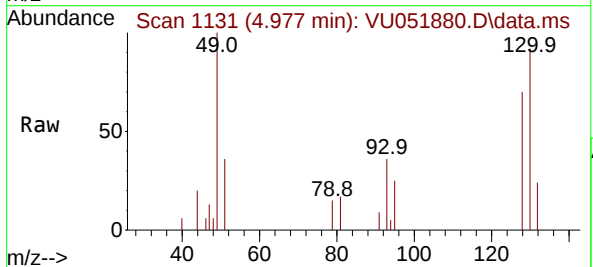
Instrument :
MSVOA_U
ClientSampleId :
MDL01

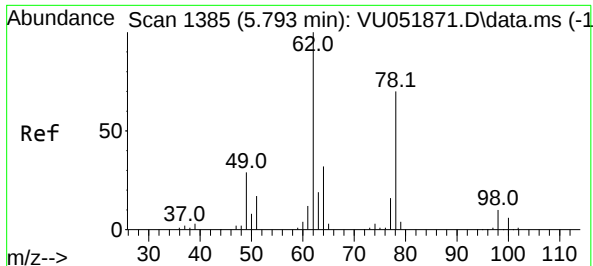
Tgt Ion: 43 Resp: 13322
Ion Ratio Lower Upper
43 100
72 22.9 15.7 47.1



#23
Bromochloromethane
Concen: 2.022 ug/L
RT: 4.977 min Scan# 1131
Delta R.T. 0.003 min
Lab File: VU051880.D
Acq: 16 Nov 2022 13:33

Tgt Ion:128 Resp: 4229
Ion Ratio Lower Upper
128 100
49 142.0 107.2 199.0
130 130.3 92.5 171.7
51 51.8 38.8 58.2

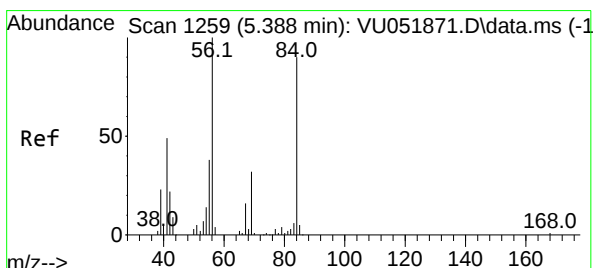
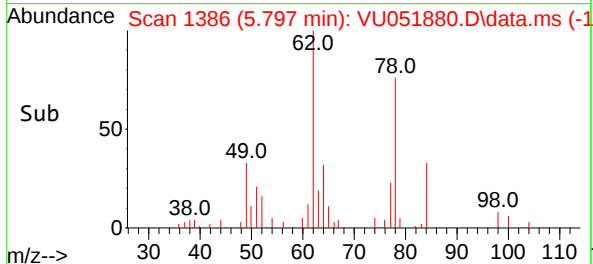
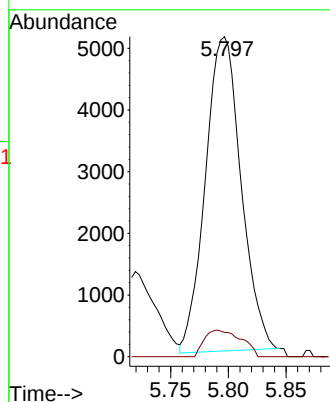
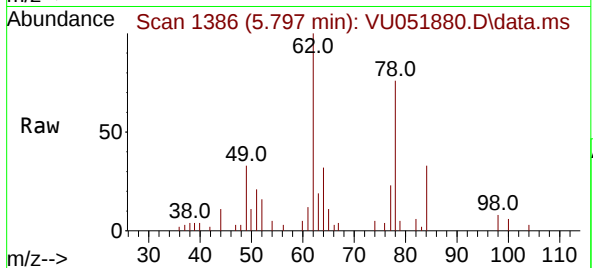




#27
1,2-Dichloroethane
Concen: 2.151 ug/L
RT: 5.797 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU051880.D
Acq: 16 Nov 2022 13:33

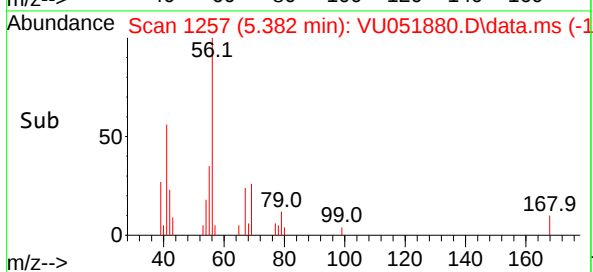
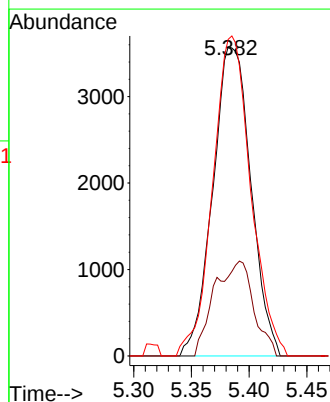
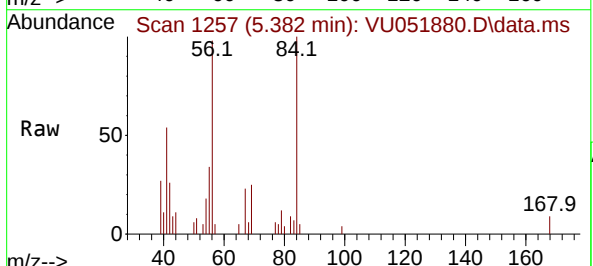
Instrument :
MSVOA_U
ClientSampleId :
MDL01

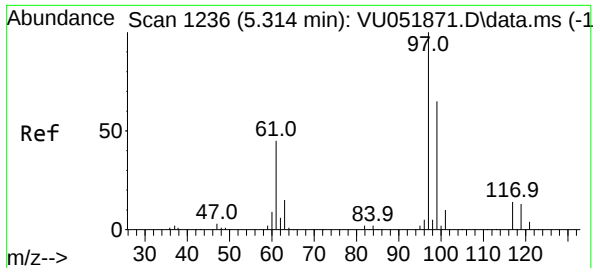
Tgt Ion: 62 Resp: 10958
Ion Ratio Lower Upper
62 100
98 7.6 8.1 12.1#



#29
Cyclohexane
Concen: 1.909 ug/L
RT: 5.382 min Scan# 1257
Delta R.T. -0.006 min
Lab File: VU051880.D
Acq: 16 Nov 2022 13:33

Tgt Ion: 56 Resp: 8198
Ion Ratio Lower Upper
56 100
69 11.4 25.4 38.2#
84 103.1 71.4 107.0





#30

1,1,1-Trichloroethane

Concen: 2.174 ug/L

RT: 5.314 min Scan# 11064

Delta R.T. 0.000 min

Lab File: VU051880.D

Acq: 16 Nov 2022 13:33

Instrument :

MSVOA_U

ClientSampleId :

MDL01

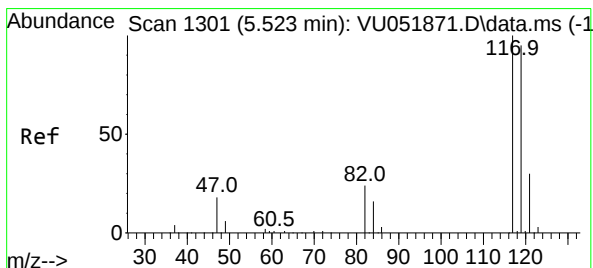
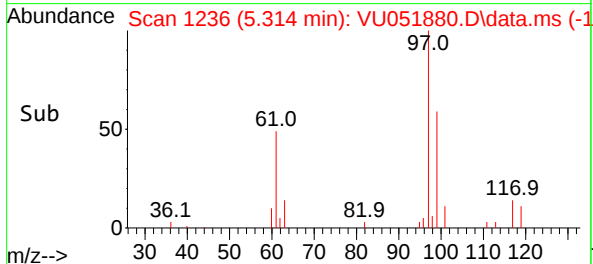
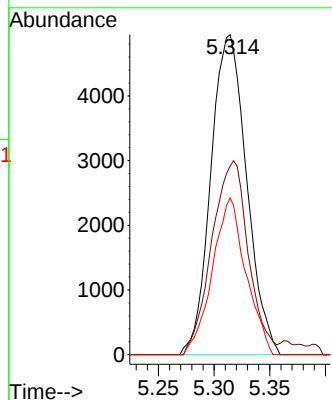
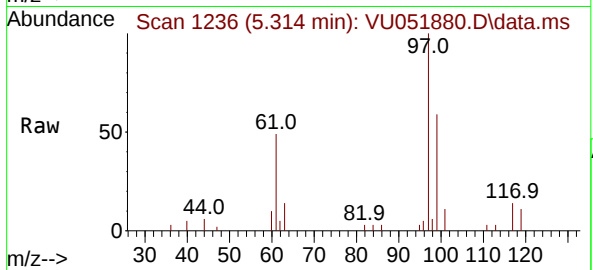
Tgt Ion: 97 Resp: 11064

Ion Ratio Lower Upper

97 100

99 62.1 51.2 76.8

61 45.8 37.4 56.2



#31

Carbon tetrachloride

Concen: 2.205 ug/L

RT: 5.527 min Scan# 1302

Delta R.T. 0.003 min

Lab File: VU051880.D

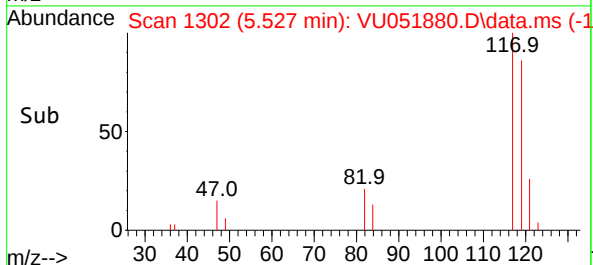
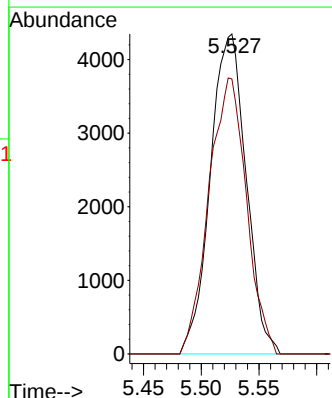
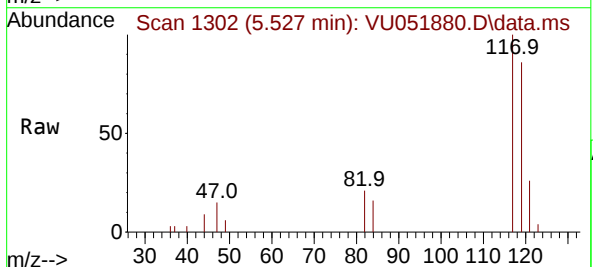
Acq: 16 Nov 2022 13:33

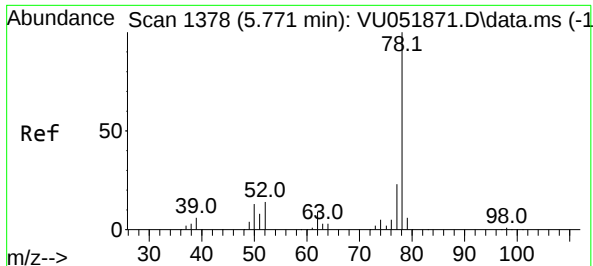
Tgt Ion: 117 Resp: 9382

Ion Ratio Lower Upper

117 100

119 90.4 75.6 113.4

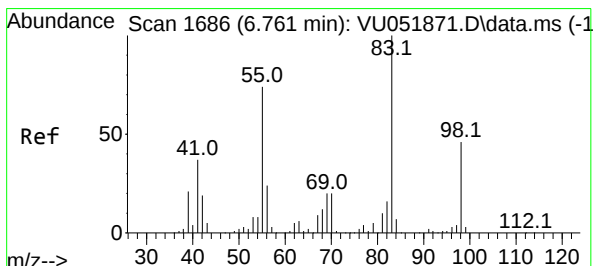
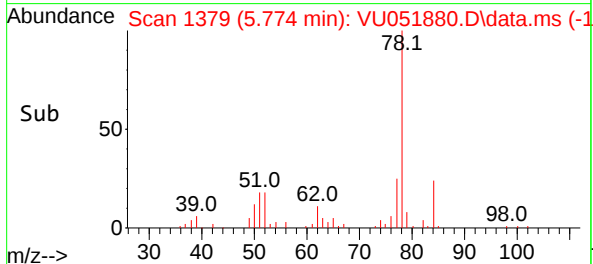
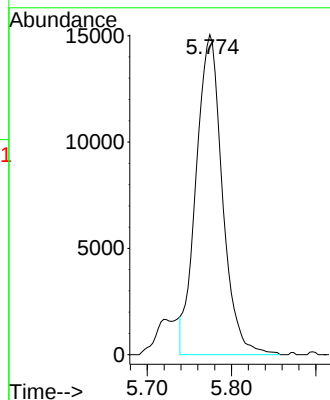
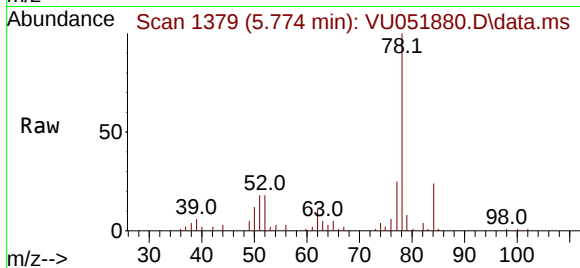




#33
Benzene
Concen: 2.256 ug/L
RT: 5.774 min Scan# 1378
Delta R.T. 0.003 min
Lab File: VU051880.D
Acq: 16 Nov 2022 13:33

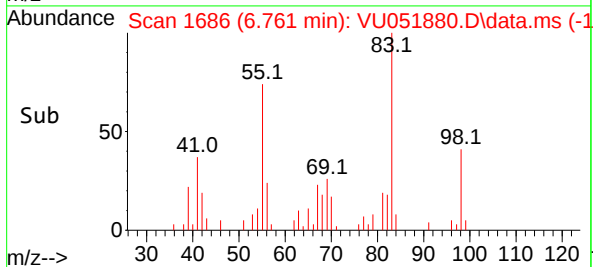
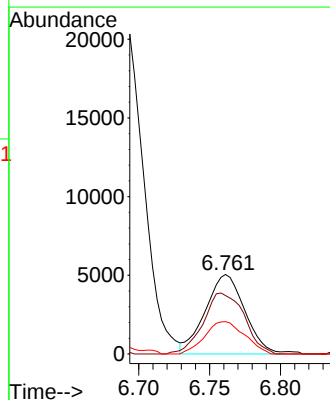
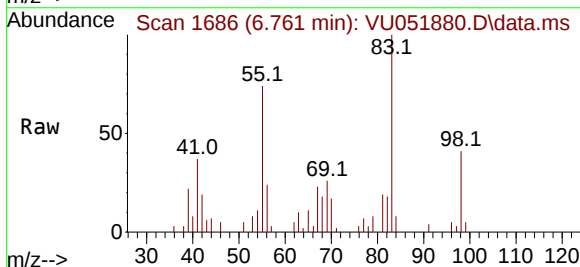
Instrument : MSVOA_U
ClientSampleId : MDL01

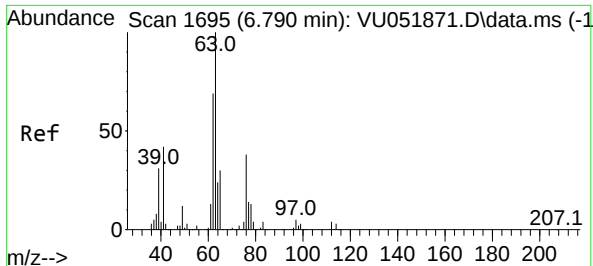
Tgt Ion: 78 Resp: 32670



#35
Methylcyclohexane
Concen: 2.099 ug/L
RT: 6.761 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VU051880.D
Acq: 16 Nov 2022 13:33

Tgt Ion: 83 Resp: 9765
Ion Ratio Lower Upper
83 100
55 79.8 60.0 90.0
98 41.0 35.8 53.8





#37

1,2-Dichloropropane

Concen: 2.239 ug/L

RT: 6.787 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU051880.D

Acq: 16 Nov 2022 13:33

Instrument :

MSVOA_U

ClientSampleId :

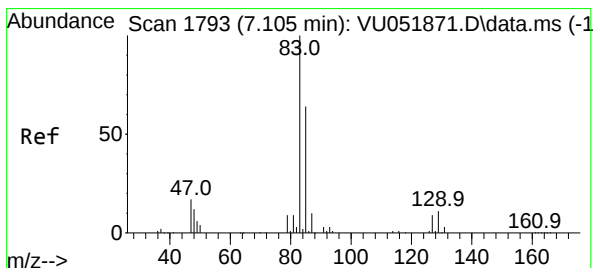
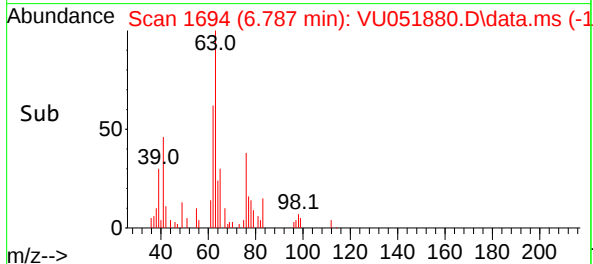
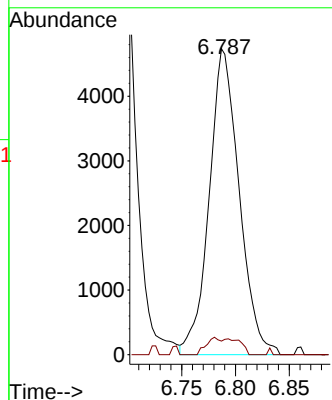
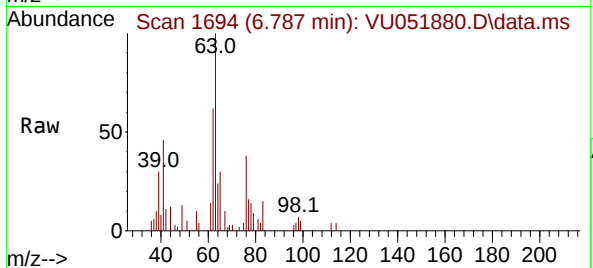
MDL01

Tgt Ion: 63 Resp: 9181

Ion Ratio Lower Upper

63 100

112 0.2 3.0 4.6#



#38

Bromodichloromethane

Concen: 2.164 ug/L

RT: 7.102 min Scan# 1792

Delta R.T. -0.003 min

Lab File: VU051880.D

Acq: 16 Nov 2022 13:33

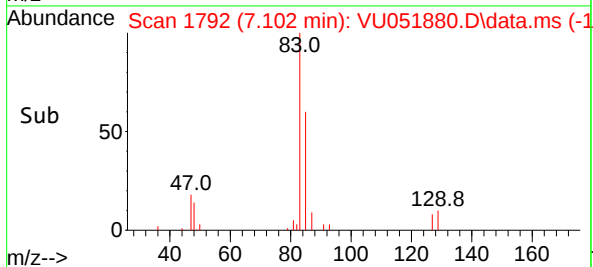
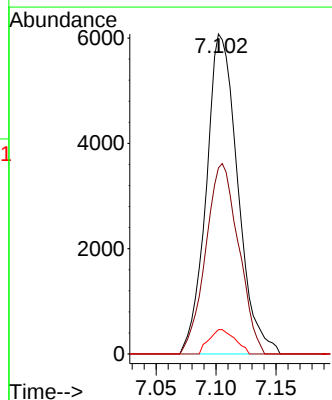
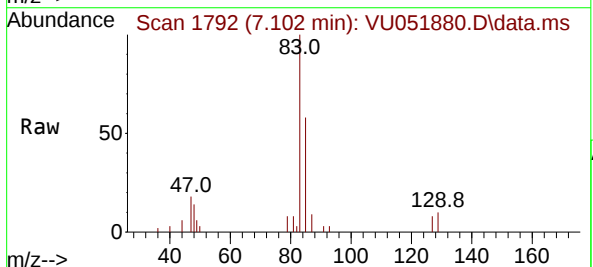
Tgt Ion: 83 Resp: 11100

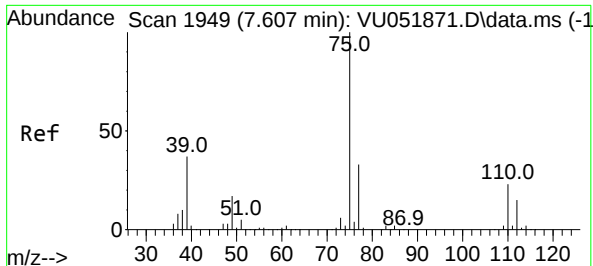
Ion Ratio Lower Upper

83 100

85 58.1 44.6 82.8

127 7.6 6.5 9.7





#39

cis-1,3-Dichloropropene

Concen: 1.979 ug/L

RT: 7.607 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VU051880.D

Acq: 16 Nov 2022 13:33

Instrument :

MSVOA_U

ClientSampleId :

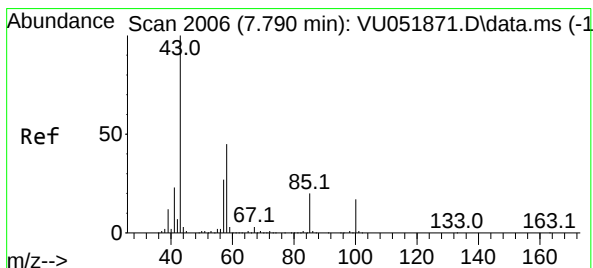
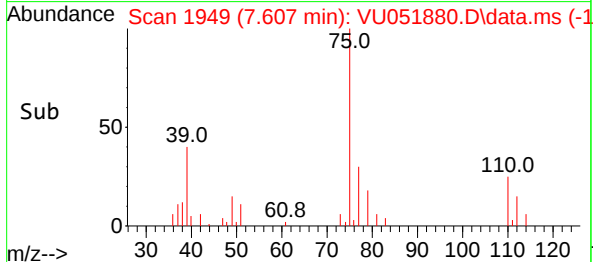
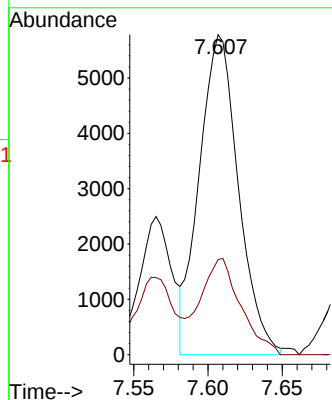
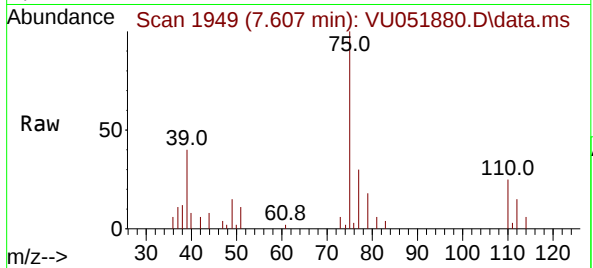
MDL01

Tgt Ion: 75 Resp: 10614

Ion Ratio Lower Upper

75 100

77 29.7 22.5 41.7



#40

4-Methyl-2-pentanone

Concen: 3.581 ug/L

RT: 7.790 min Scan# 2006

Delta R.T. 0.000 min

Lab File: VU051880.D

Acq: 16 Nov 2022 13:33

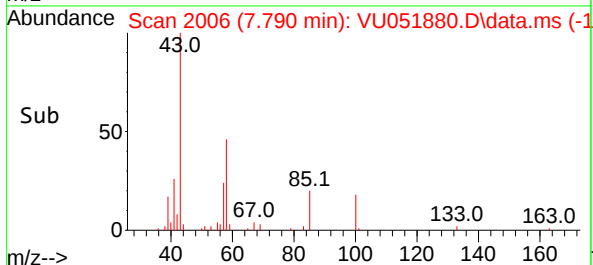
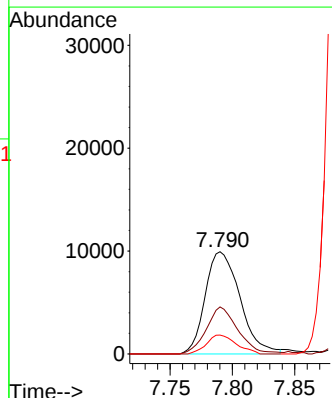
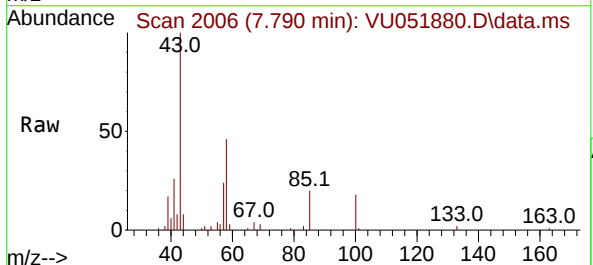
Tgt Ion: 43 Resp: 19339

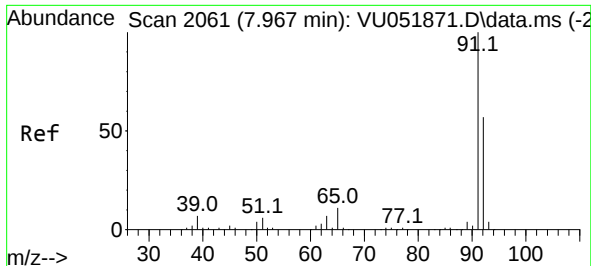
Ion Ratio Lower Upper

43 100

58 41.6 35.4 53.2

100 15.8 13.4 20.0





#42

Toluene

Concen: 2.115 ug/L

RT: 7.967 min Scan# 2061

Delta R.T. 0.000 min

Lab File: VU051880.D

Acq: 16 Nov 2022 13:33

Instrument :

MSVOA_U

ClientSampleId :

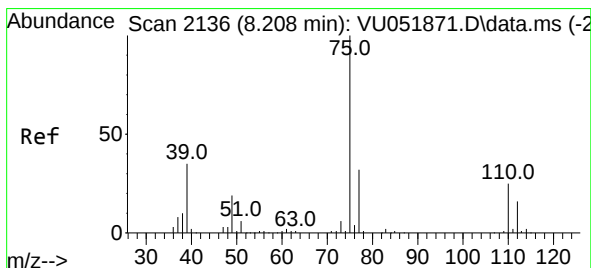
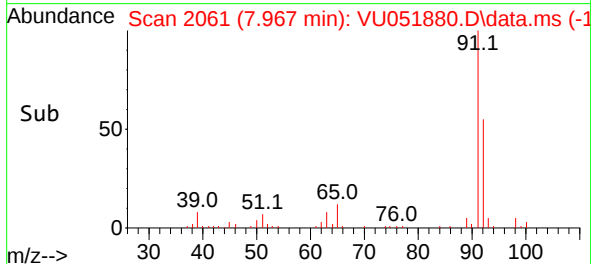
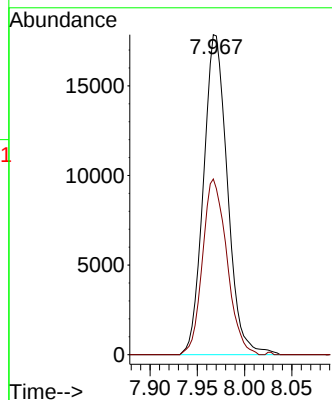
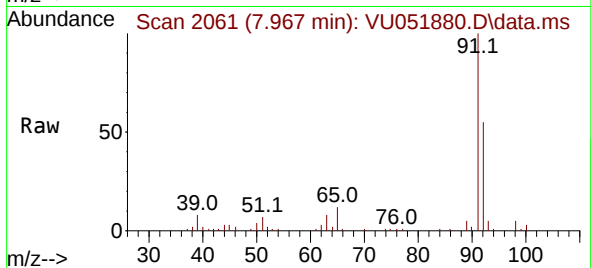
MDL01

Tgt Ion: 91 Resp: 31500

Ion Ratio Lower Upper

91 100

92 54.9 39.5 73.4



#44

trans-1,3-Dichloropropene

Concen: 2.021 ug/L

RT: 8.208 min Scan# 2136

Delta R.T. 0.000 min

Lab File: VU051880.D

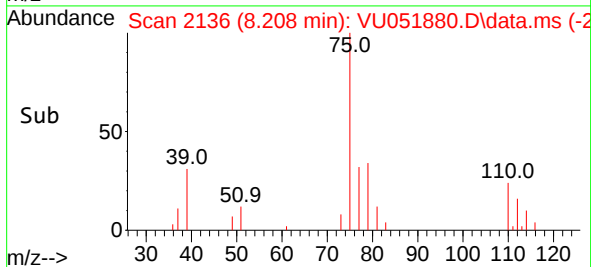
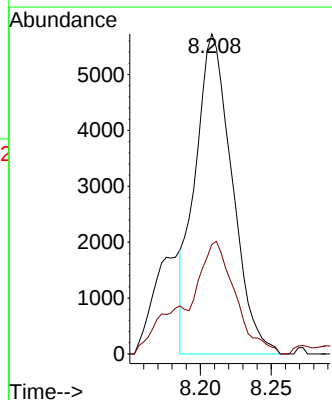
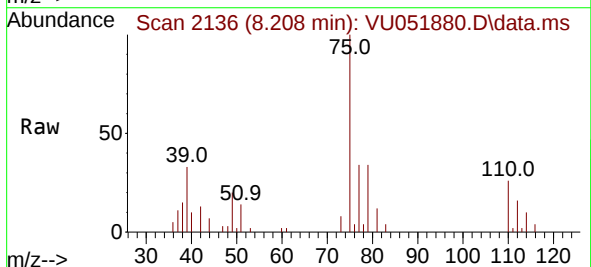
Acq: 16 Nov 2022 13:33

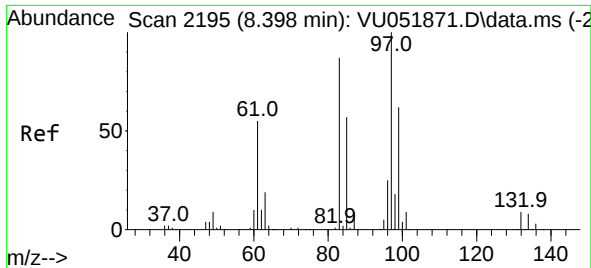
Tgt Ion: 75 Resp: 10386

Ion Ratio Lower Upper

75 100

77 34.2 21.8 40.6

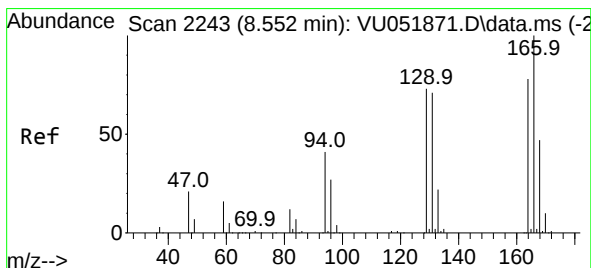
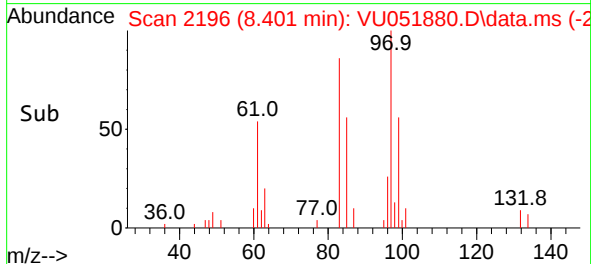
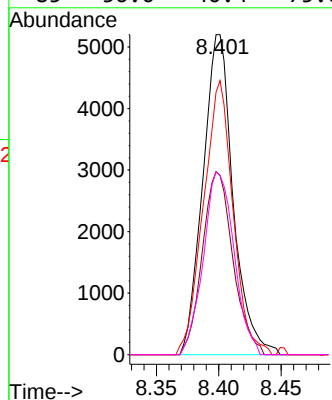
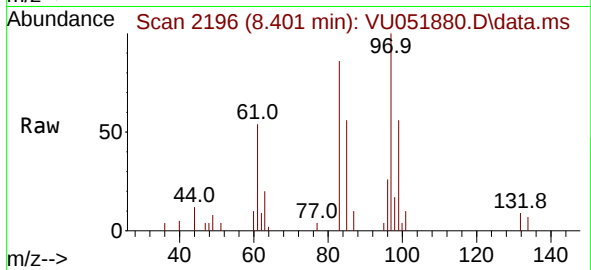




#45
1,1,2-Trichloroethane
Concen: 2.106 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. 0.003 min
Lab File: VU051880.D
Acq: 16 Nov 2022 13:33

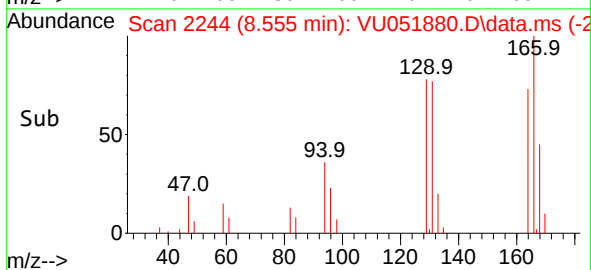
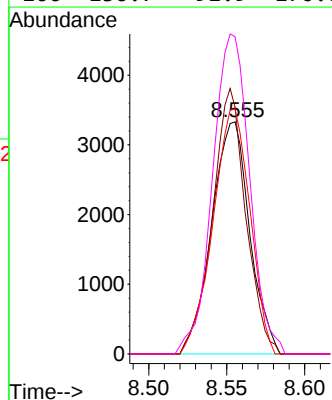
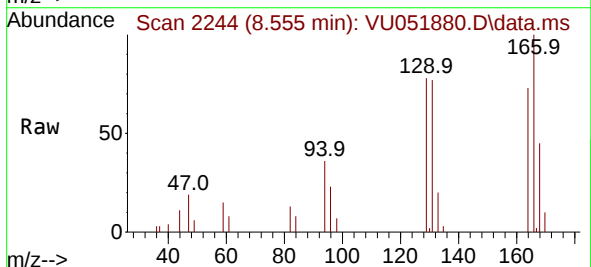
Instrument :
MSVOA_U
ClientSampleId :
MDL01

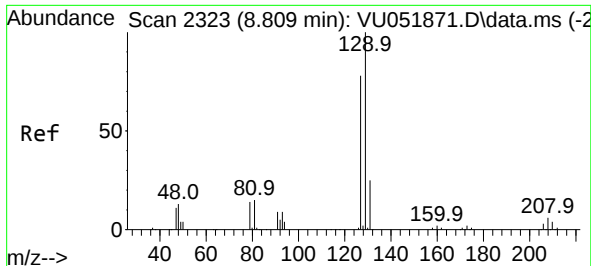
Tgt Ion: 97	Resp: 8775
Ion Ratio	Lower Upper
97 100	
99 56.0	44.3 82.3
83 85.7	62.3 115.7
85 56.0	40.4 75.0



#46
Tetrachloroethene
Concen: 2.062 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. 0.003 min
Lab File: VU051880.D
Acq: 16 Nov 2022 13:33

Tgt	Ion:164	Resp:	5649
Ion	Ratio	Lower	Upper
164	100		
129	106.3	68.5	127.1
131	105.5	66.6	123.8
166	136.7	91.9	170.7





#49

Dibromochloromethane

Concen: 1.959 ug/L

RT: 8.809 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU051880.D

Acq: 16 Nov 2022 13:33

Instrument :

MSVOA_U

ClientSampleId :

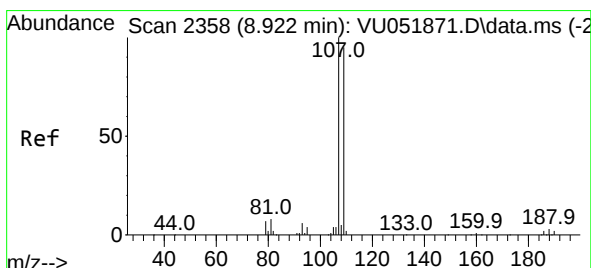
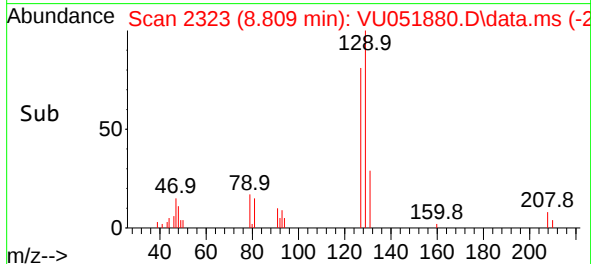
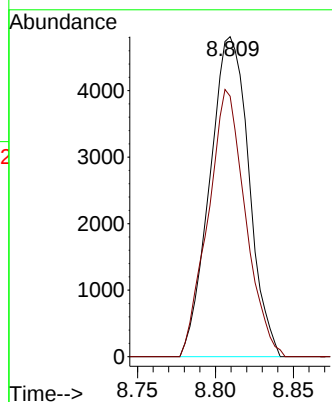
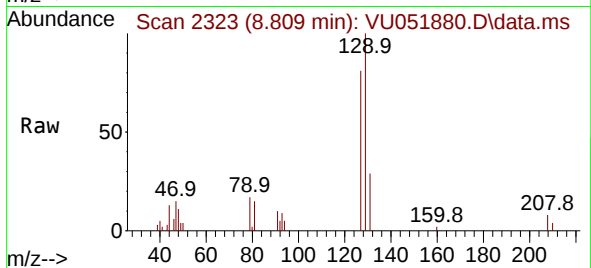
MDL01

Tgt Ion:129 Resp: 8417

Ion Ratio Lower Upper

129 100

127 81.4 54.4 101.0



#50

1,2-Dibromoethane

Concen: 2.141 ug/L

RT: 8.922 min Scan# 2358

Delta R.T. 0.000 min

Lab File: VU051880.D

Acq: 16 Nov 2022 13:33

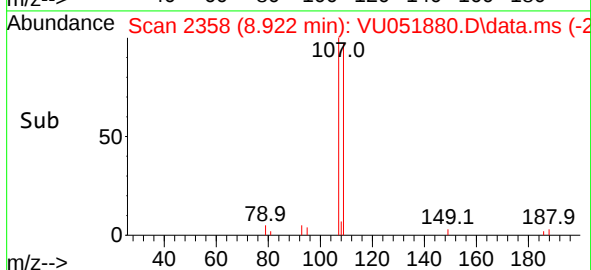
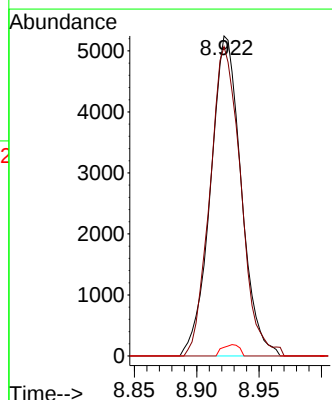
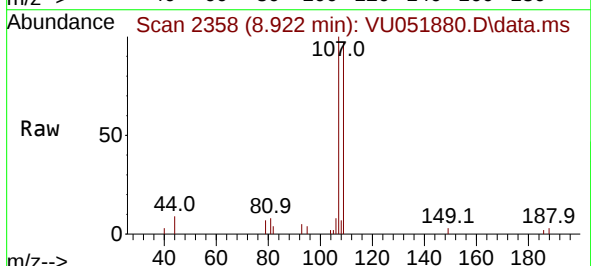
Tgt Ion:107 Resp: 8980

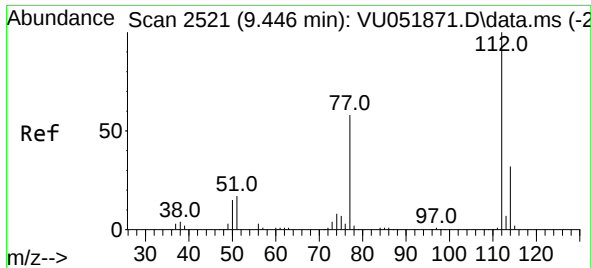
Ion Ratio Lower Upper

107 100

109 96.7 65.0 120.6

188 2.7 2.9 4.3#

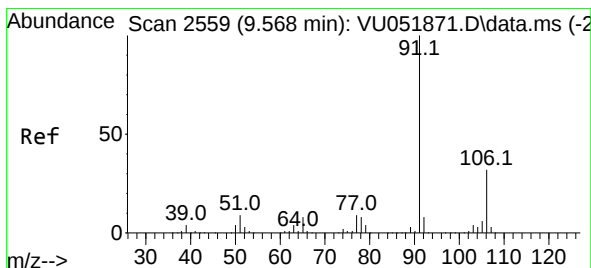
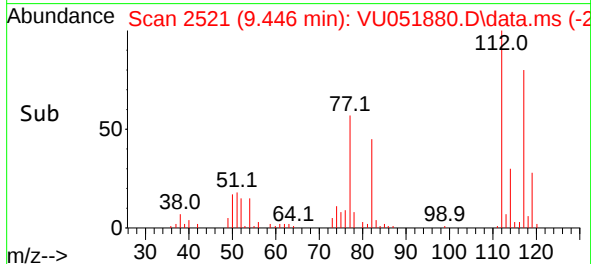
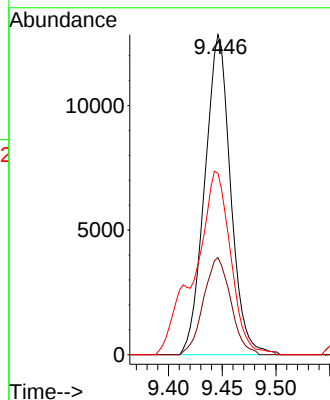
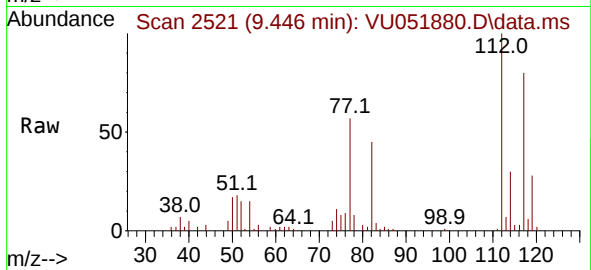




#51
Chlorobenzene
Concen: 2.112 ug/L
RT: 9.446 min Scan# 2521
Delta R.T. 0.000 min
Lab File: VU051880.D
Acq: 16 Nov 2022 13:33

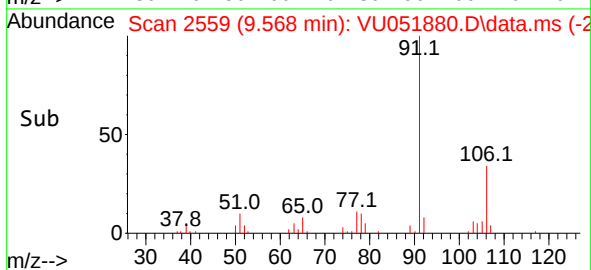
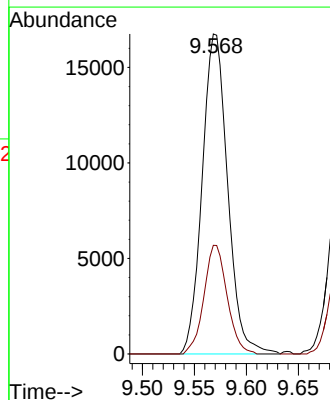
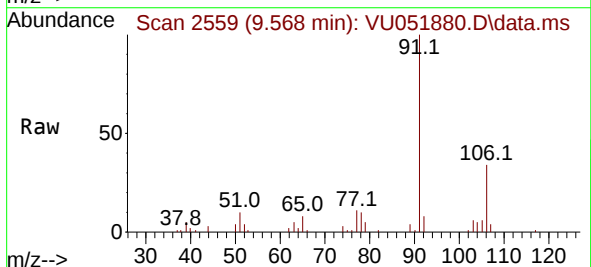
Instrument :
MSVOA_U
ClientSampleId :
MDL01

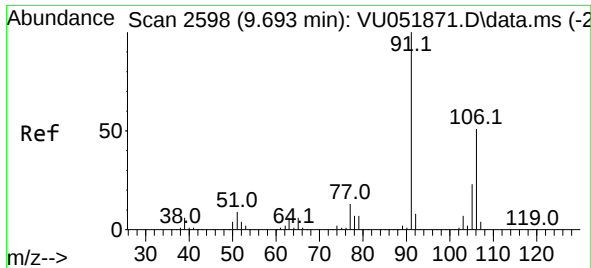
Tgt Ion:112 Resp: 21500
Ion Ratio Lower Upper
112 100
114 30.4 22.2 41.2
77 56.7 46.7 70.1



#52
Ethylbenzene
Concen: 1.870 ug/L
RT: 9.568 min Scan# 2559
Delta R.T. 0.000 min
Lab File: VU051880.D
Acq: 16 Nov 2022 13:33

Tgt Ion: 91 Resp: 28512
Ion Ratio Lower Upper
91 100
106 33.9 21.3 39.6

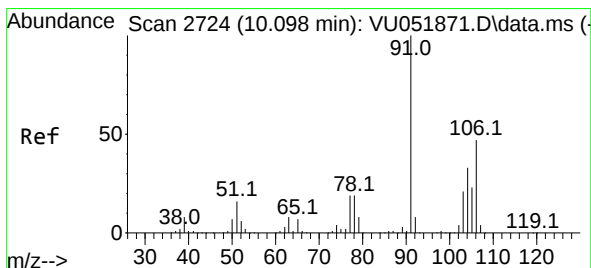
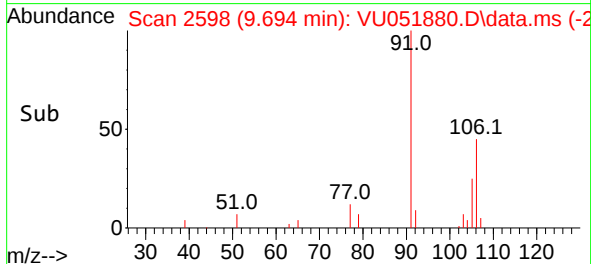
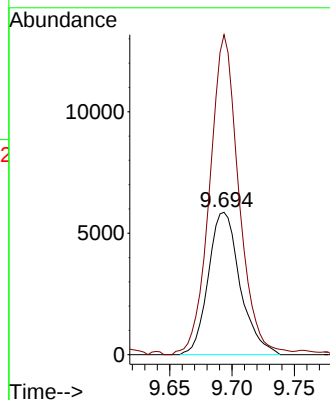
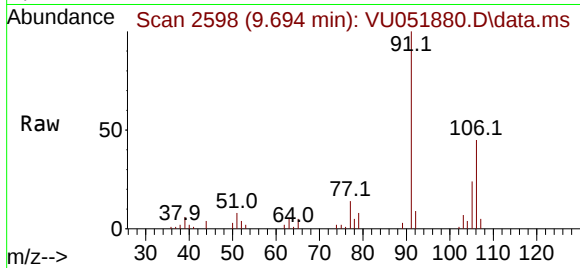




#53
m,p-Xylene
Concen: 1.765 ug/L
RT: 9.694 min Scan# 2598
Delta R.T. 0.000 min
Lab File: VU051880.D
Acq: 16 Nov 2022 13:33

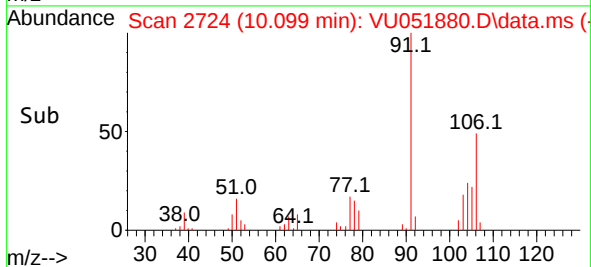
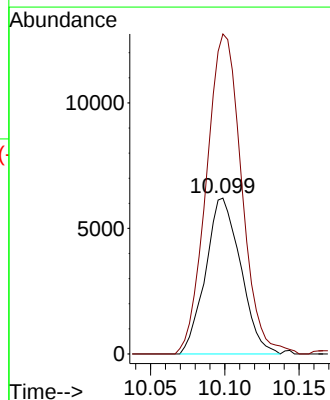
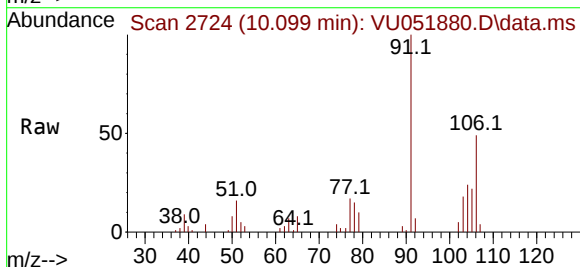
Instrument :
MSVOA_U
ClientSampleId :
MDL01

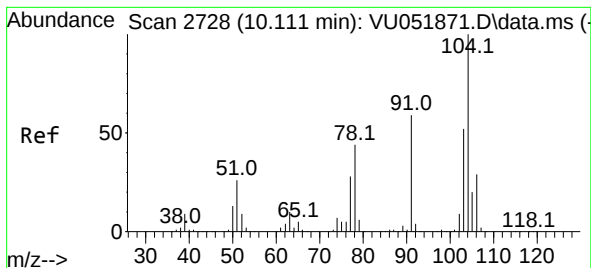
Tgt Ion:106 Resp: 10413
Ion Ratio Lower Upper
106 100
91 224.6 141.7 263.3



#54
o-Xylene
Concen: 1.694 ug/L
RT: 10.099 min Scan# 2724
Delta R.T. 0.000 min
Lab File: VU051880.D
Acq: 16 Nov 2022 13:33

Tgt Ion:106 Resp: 10174
Ion Ratio Lower Upper
106 100
91 205.4 149.7 278.1





#55

Styrene

Concen: 1.394 ug/L

RT: 10.115 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU051880.D

Acq: 16 Nov 2022 13:33

Instrument :

MSVOA_U

ClientSampleId :

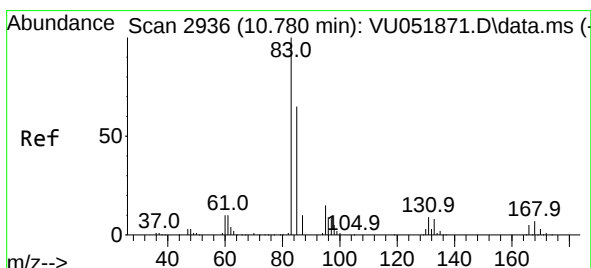
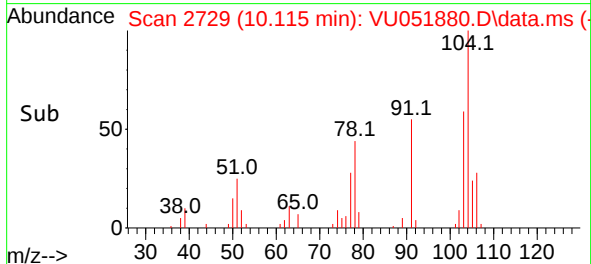
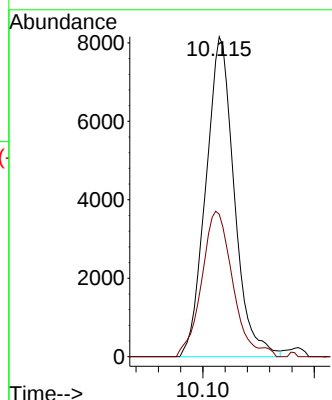
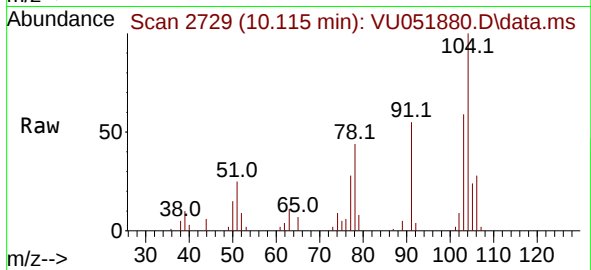
MDL01

Tgt Ion:104 Resp: 14450

Ion Ratio Lower Upper

104 100

78 44.5 30.3 56.3



#57

1,1,2,2-Tetrachloroethane

Concen: 2.085 ug/L

RT: 10.780 min Scan# 2936

Delta R.T. 0.000 min

Lab File: VU051880.D

Acq: 16 Nov 2022 13:33

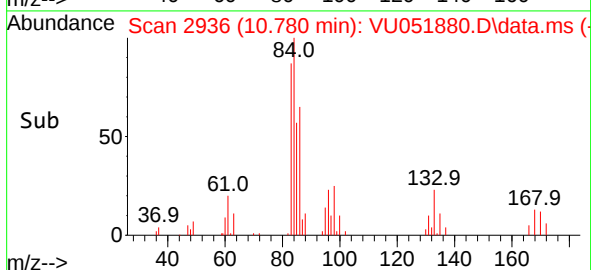
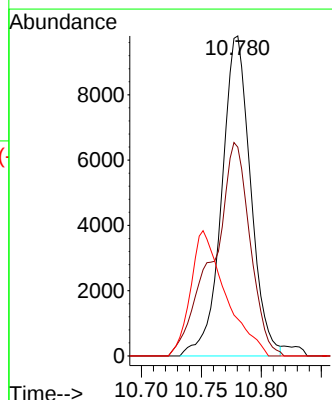
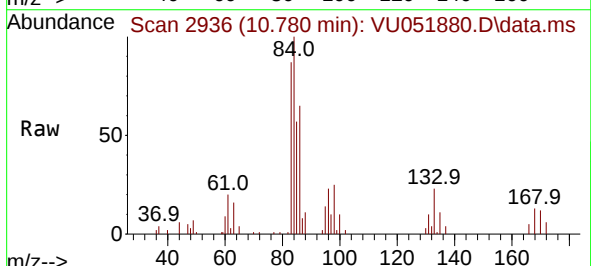
Tgt Ion: 83 Resp: 16420

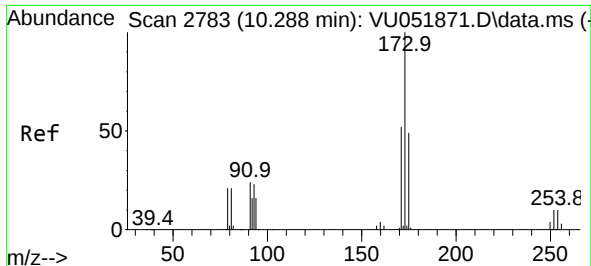
Ion Ratio Lower Upper

83 100

85 65.2 44.9 83.3

131 11.6 6.8 10.2#

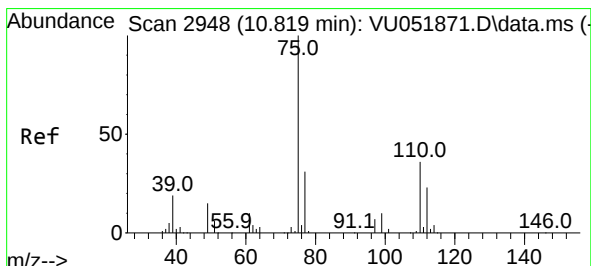
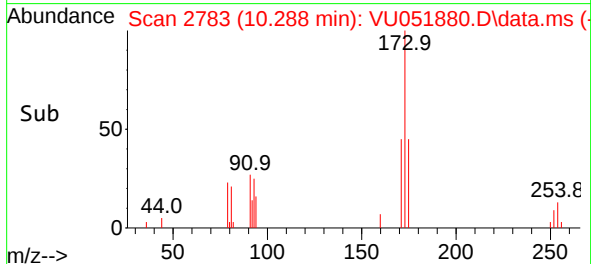
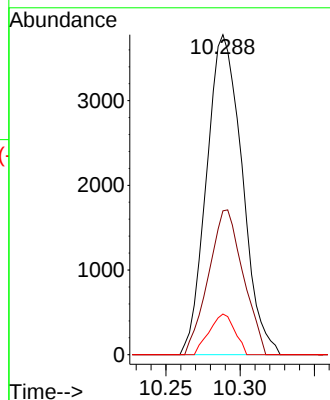
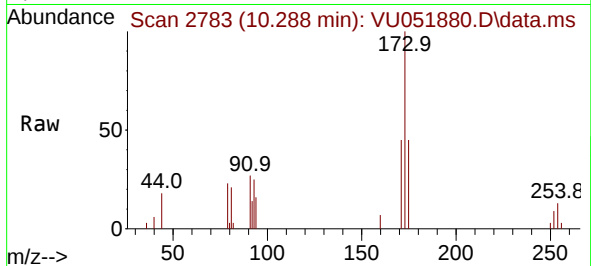




#59
Bromoform
Concen: 2.271 ug/L
RT: 10.288 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU051880.D
Acq: 16 Nov 2022 13:33

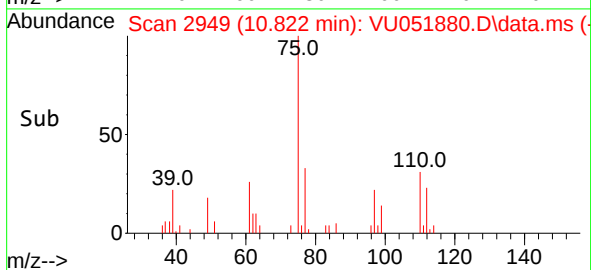
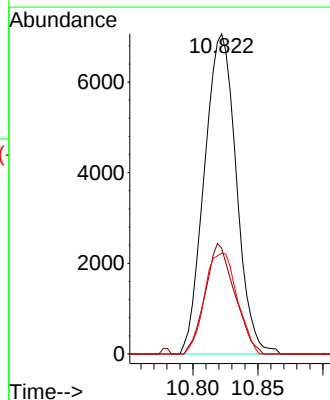
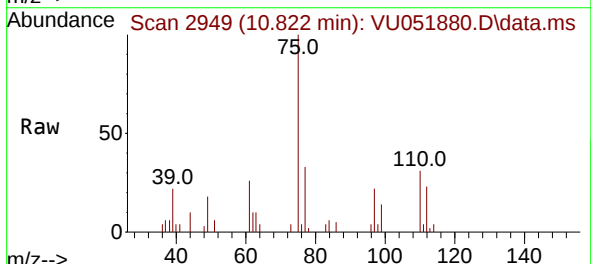
Instrument :
MSVOA_U
ClientSampleId :
MDL01

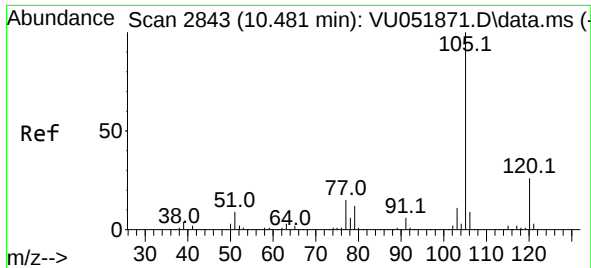
Tgt Ion:	173	Resp:	6289
Ion	Ratio	Lower	Upper
173	100		
175	44.1	38.9	58.3
254	9.1	7.4	11.2



#60
1,2,3-Trichloropropane
Concen: 2.467 ug/L
RT: 10.822 min Scan# 2949
Delta R.T. 0.003 min
Lab File: VU051880.D
Acq: 16 Nov 2022 13:33

Tgt Ion:	75	Resp:	12058
Ion	Ratio	Lower	Upper
75	100		
77	32.0	26.2	39.4
110	32.1	29.0	43.4

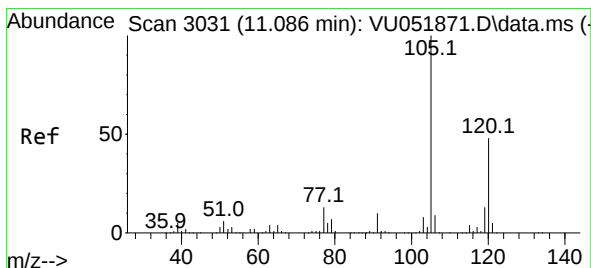
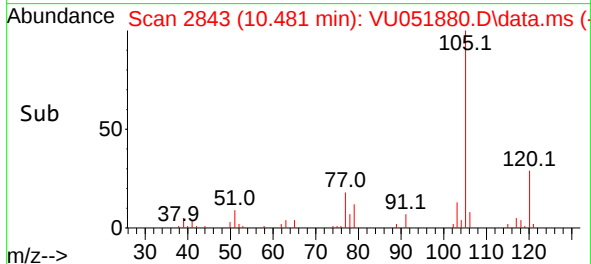
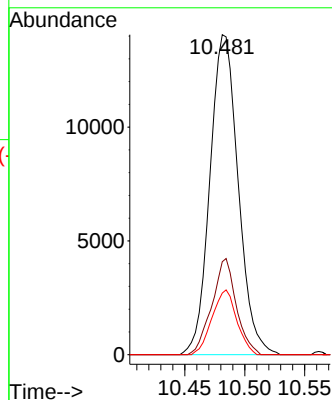
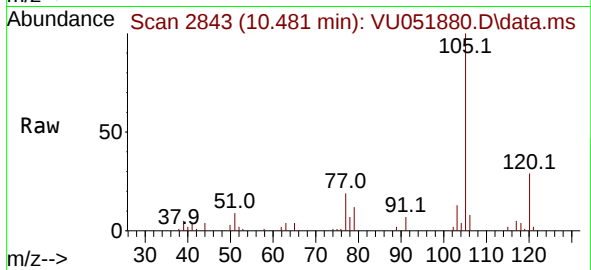




#61
Isopropylbenzene
Concen: 1.931 ug/L
RT: 10.481 min Scan# 2843
Delta R.T. 0.000 min
Lab File: VU051880.D
Acq: 16 Nov 2022 13:33

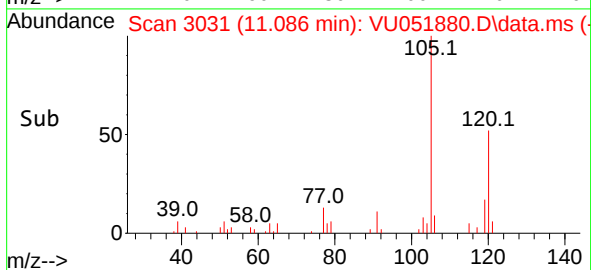
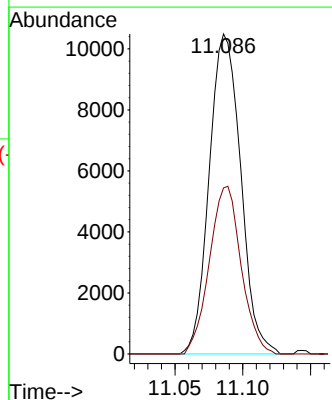
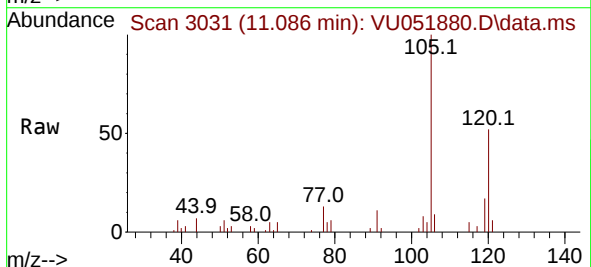
Instrument : MSVOA_U
ClientSampleId : MDL01

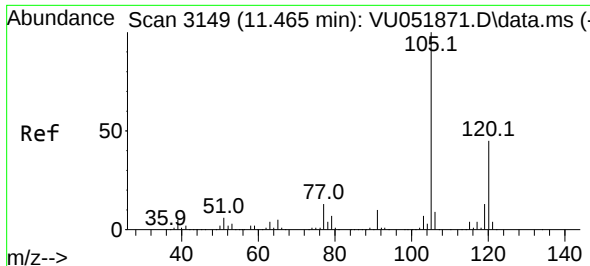
Tgt Ion:	105	Resp:	23052
Ion Ratio	Lower	Upper	
105	100		
120	25.9	21.1	31.7
77	17.7	12.2	18.4



#62
1,3,5-Trimethylbenzene
Concen: 1.741 ug/L
RT: 11.086 min Scan# 3031
Delta R.T. 0.000 min
Lab File: VU051880.D
Acq: 16 Nov 2022 13:33

Tgt Ion:	105	Resp:	16938
Ion Ratio	Lower	Upper	
105	100		
120	52.8	39.1	58.7

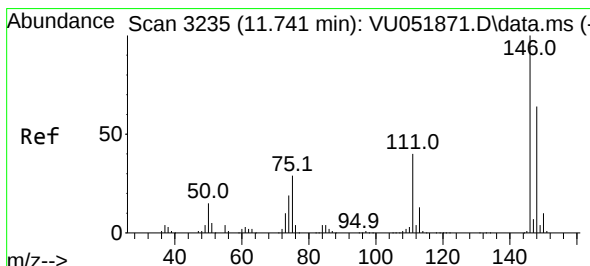
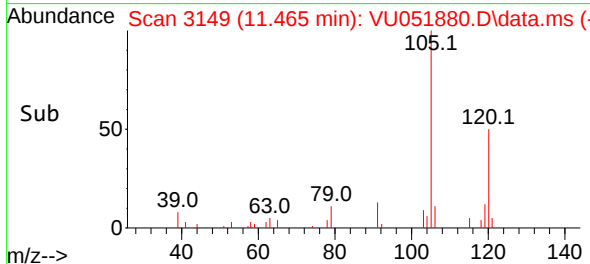
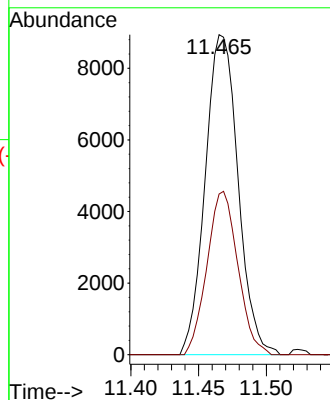
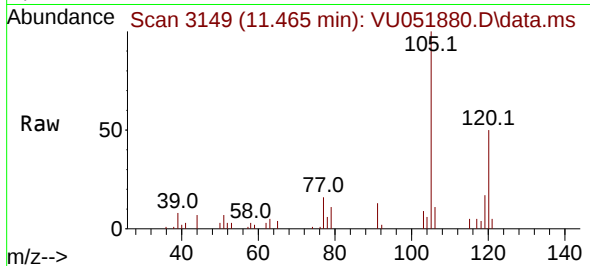




#63
1,2,4-Trimethylbenzene
Concen: 1.586 ug/L
RT: 11.465 min Scan# 3149
Delta R.T. 0.000 min
Lab File: VU051880.D
Acq: 16 Nov 2022 13:33

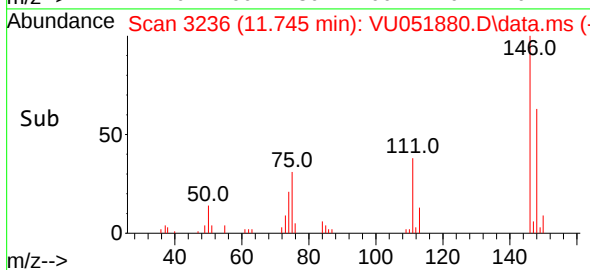
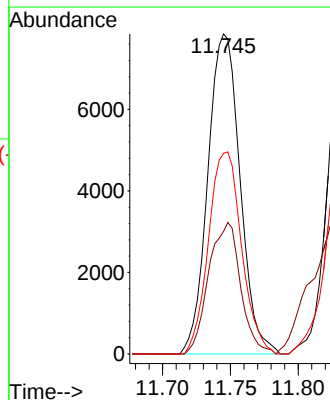
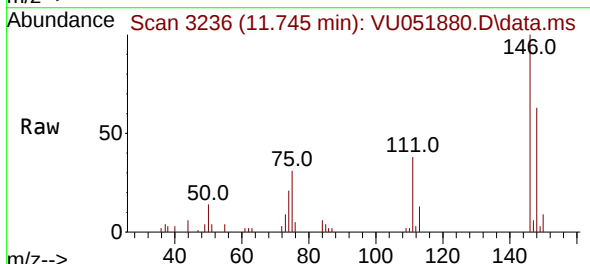
Instrument :
MSVOA_U
ClientSampleId :
MDL01

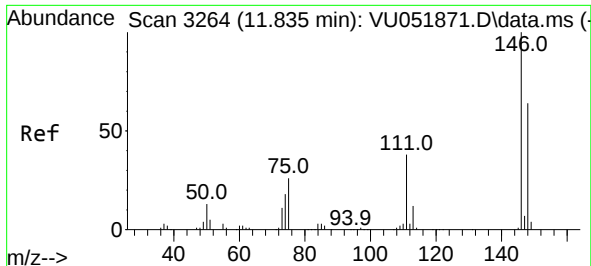
Tgt Ion:105 Resp: 15078
Ion Ratio Lower Upper
105 100
120 47.9 36.2 54.2



#64
1,3-Dichlorobenzene
Concen: 2.147 ug/L
RT: 11.745 min Scan# 3236
Delta R.T. 0.003 min
Lab File: VU051880.D
Acq: 16 Nov 2022 13:33

Tgt Ion:146 Resp: 12995
Ion Ratio Lower Upper
146 100
111 38.3 28.1 52.1
148 62.7 44.4 82.4

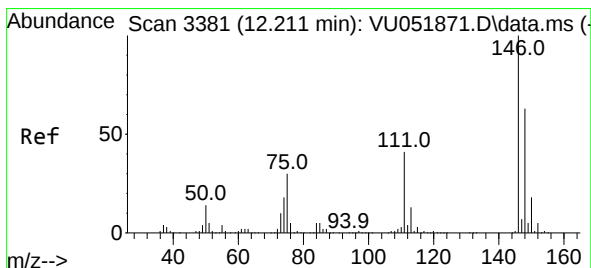
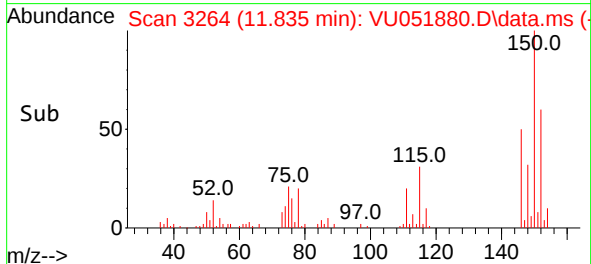
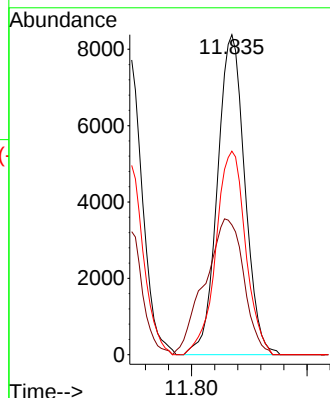
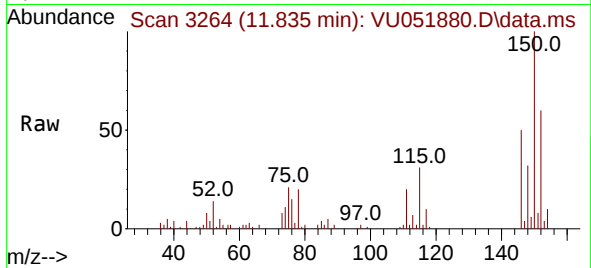




#65
1,4-Dichlorobenzene
Concen: 2.248 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. 0.000 min
Lab File: VU051880.D
Acq: 16 Nov 2022 13:33

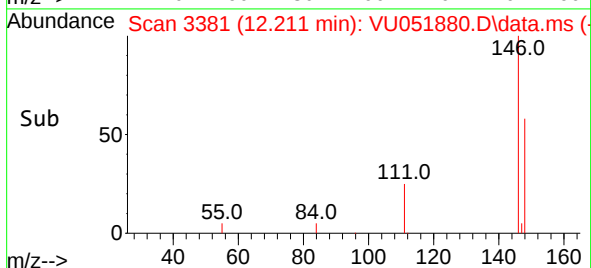
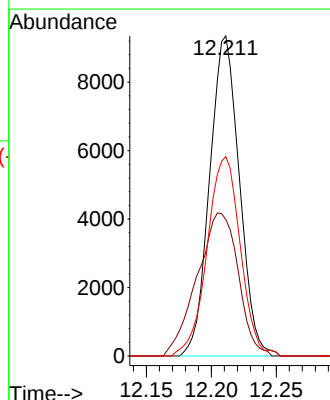
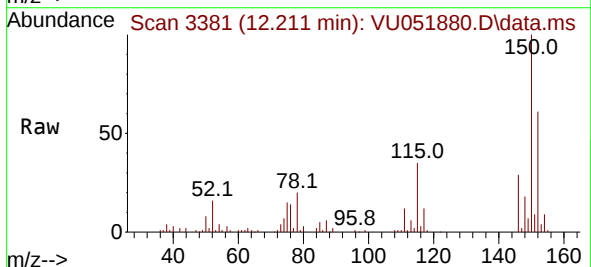
Instrument :
MSVOA_U
ClientSampleId :
MDL01

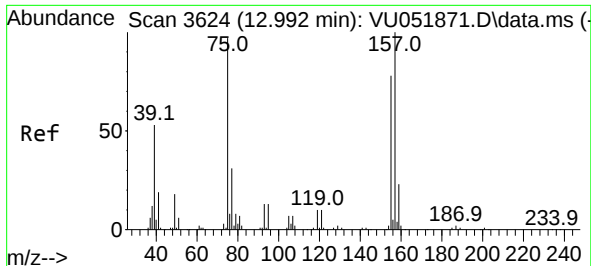
Tgt Ion:146 Resp: 13778
Ion Ratio Lower Upper
146 100
111 40.6 26.7 49.5
148 63.6 44.4 82.4



#67
1,2-Dichlorobenzene
Concen: 2.312 ug/L
RT: 12.211 min Scan# 3381
Delta R.T. 0.000 min
Lab File: VU051880.D
Acq: 16 Nov 2022 13:33

Tgt Ion:146 Resp: 14875
Ion Ratio Lower Upper
146 100
111 42.7 33.6 50.4
148 62.3 50.9 76.3

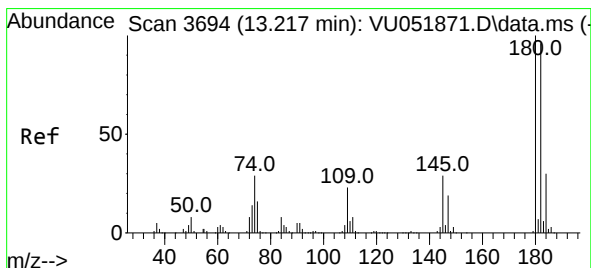
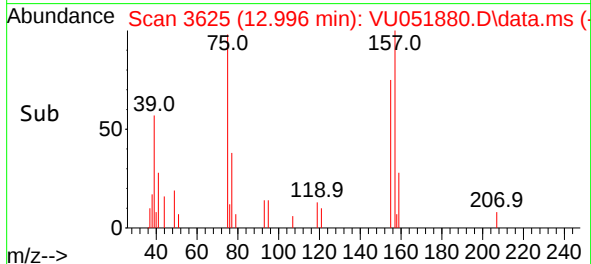
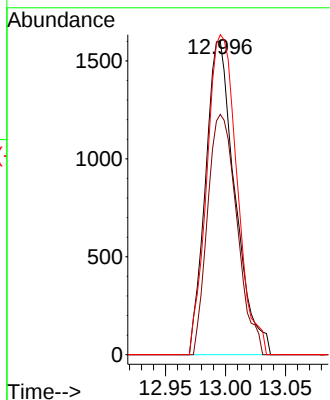
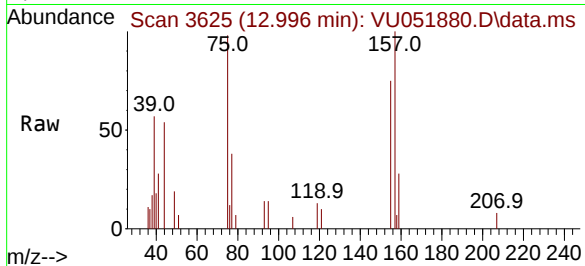




#68
 1,2-Dibromo-3-chloropropane
 Concen: 2.192 ug/L
 RT: 12.996 min Scan# 3625
 Delta R.T. 0.003 min
 Lab File: VU051880.D
 Acq: 16 Nov 2022 13:33

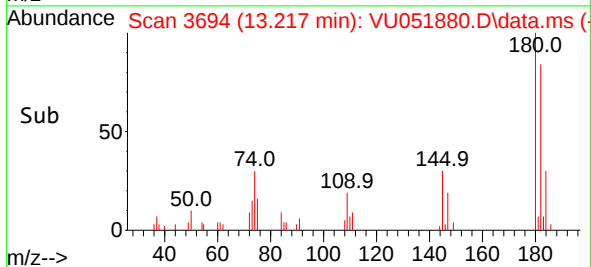
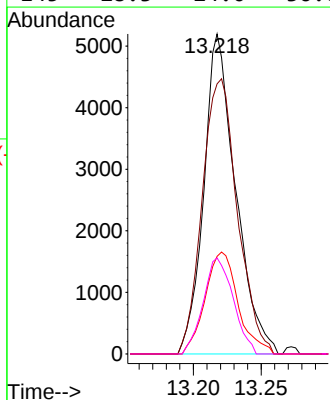
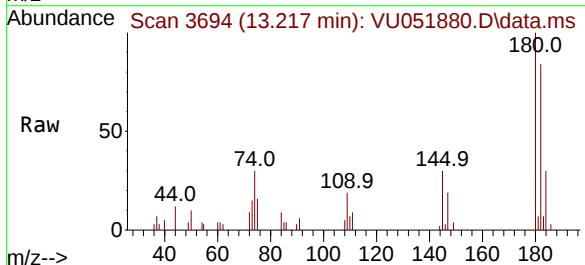
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL01

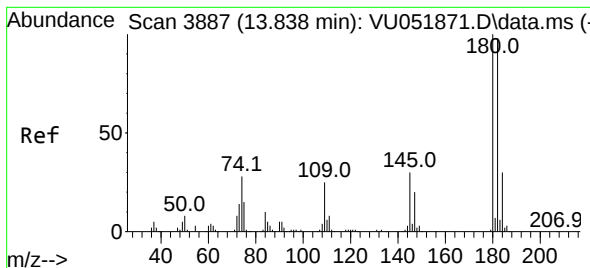
Tgt Ion: 75 Resp: 2743
 Ion Ratio Lower Upper
 75 100
 155 76.7 63.0 94.6
 157 102.1 79.4 119.0



#69
 1,3,5-Trichlorobenzene
 Concen: 2.110 ug/L
 RT: 13.217 min Scan# 3694
 Delta R.T. 0.000 min
 Lab File: VU051880.D
 Acq: 16 Nov 2022 13:33

Tgt Ion: 180 Resp: 8472
 Ion Ratio Lower Upper
 180 100
 182 95.1 77.0 115.4
 184 33.0 23.8 35.8
 145 28.3 24.0 36.0





#70

1,2,4-trichlorobenzene

Concen: 2.134 ug/L

RT: 13.841 min Scan# 3888

Delta R.T. 0.003 min

Lab File: VU051880.D

Acq: 16 Nov 2022 13:33

Instrument :

MSVOA_U

ClientSampleId :

MDL01

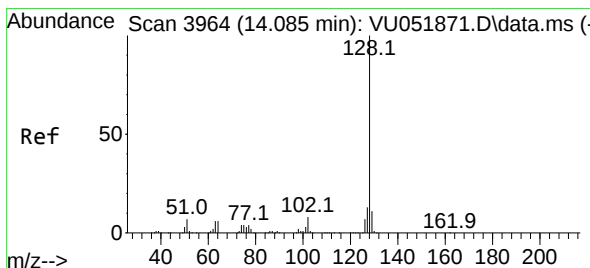
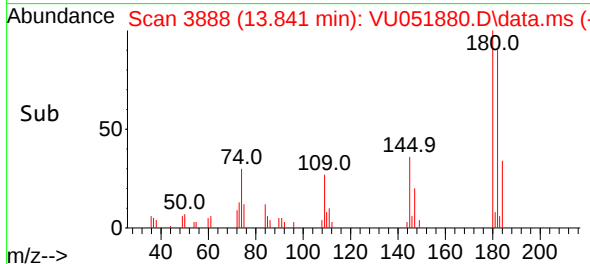
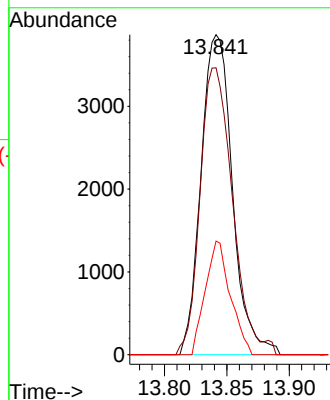
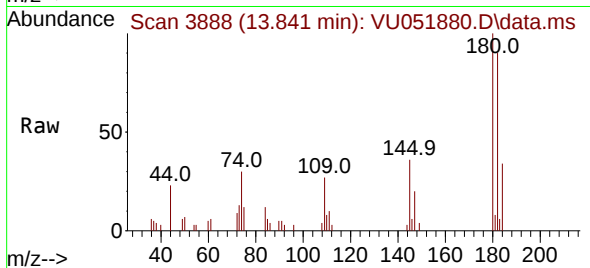
Tgt Ion:180 Resp: 6790

Ion Ratio Lower Upper

180 100

182 91.2 76.4 114.6

145 28.2 24.2 36.2



#71

Naphthalene

Concen: 1.723 ug/L m

RT: 14.089 min Scan# 3965

Delta R.T. 0.003 min

Lab File: VU051880.D

Acq: 16 Nov 2022 13:33

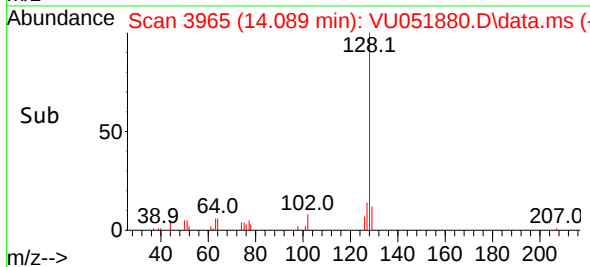
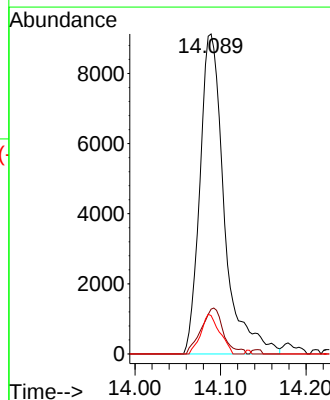
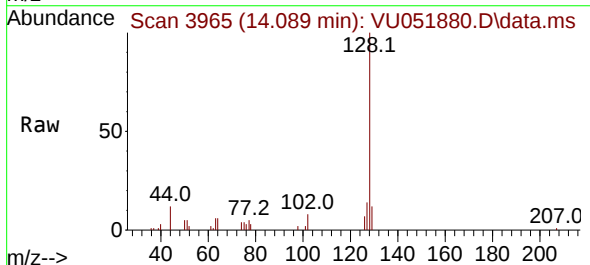
Tgt Ion:128 Resp: 18035

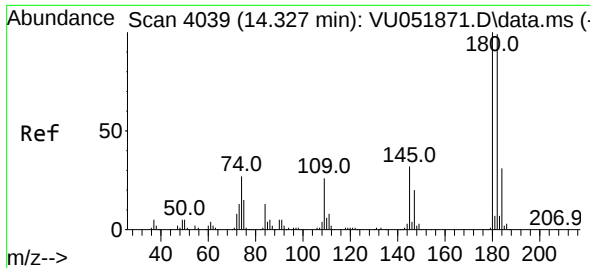
Ion Ratio Lower Upper

128 100

127 12.8 10.4 15.6

129 9.5 8.5 12.7





#72
 1,2,3-Trichlorobenzene
 Concen: 1.979 ug/L
 RT: 14.330 min Scan# 40
 Delta R.T. 0.003 min
 Lab File: VU051880.D
 Acq: 16 Nov 2022 13:33

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL01

Tgt Ion:	180	Resp:	6893
Ion	Ratio	Lower	Upper
180	100		
182	88.5	76.9	115.3
145	33.8	24.9	37.3

