

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\U080522\
 Data File : U080522.D
 Acq On : 05 Aug 2022 09:42
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 06 04:29:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Aug 05 04:52:21 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	89378	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	88856	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	42493	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	35150	4.726	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	94.600%	
7) Chloroethane-d5	1.909	69	29882	4.980	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	99.600%	
11) 1,1-Dichloroethene-d2	2.565	65	13247	4.557	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	91.200%	
20) 2-Butanone-d5	4.636	46	112722	62.145	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	124.300%	
24) Chloroform-d	5.064	84	70220	5.075	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	101.600%	
26) 1,2-Dichloroethane-d4	5.703	65	36321	5.113	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	102.200%	
32) Benzene-d6	5.726	84	137163	4.947	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	99.000%	
36) 1,2-Dichloropropane-d6	6.690	67	45662	5.001	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	100.000%	
41) Toluene-d8	7.899	98	119089	4.863	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	97.200%	
43) trans-1,3-Dichloroprop...	8.179	79	16751	5.119	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	102.400%	
46) 2-Hexanone-d5	8.636	63	70054	60.373	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	120.740%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	42656	5.320	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	106.400%	
66) 1,2-Dichlorobenzene-d4	12.195	152	40155	4.823	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	96.400%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	43060	5.255	ug/L	100
3) Chloromethane	1.520	50	52033	4.854	ug/L	100
5) Vinyl chloride	1.601	62	49040	5.107	ug/L	99
6) Bromomethane	1.855	94	26402	4.307	ug/L	99
8) Chloroethane	1.932	64	29616	5.234	ug/L	99
9) Trichlorofluoromethane	2.134	101	55282	5.257	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	32136	5.494	ug/L	97
12) 1,1-Dichloroethene	2.578	96	31642	5.122	ug/L	87
13) Acetone	2.642	43	54879	54.327	ug/L	100
14) Carbon disulfide	2.790	76	109247	4.951	ug/L	100
15) Methyl Acetate	2.954	43	15112	5.479	ug/L	93
16) Methylene chloride	3.044	84	45811	4.853	ug/L	99
17) Methyl tert-butyl Ether	3.366	73	83420	5.174	ug/L	99
18) trans-1,2-Dichloroethene	3.350	96	35620	5.149	ug/L	99
19) 1,1-Dichloroethane	3.867	63	67893	5.183	ug/L	99
21) 2-Butanone	4.713	43	111534	61.401	ug/L	92
22) cis-1,2-Dichloroethene	4.668	96	40181	5.233	ug/L	99
23) Bromochloromethane	4.977	128	19147	5.218	ug/L	96
25) Chloroform	5.089	83	72201	5.170	ug/L	98

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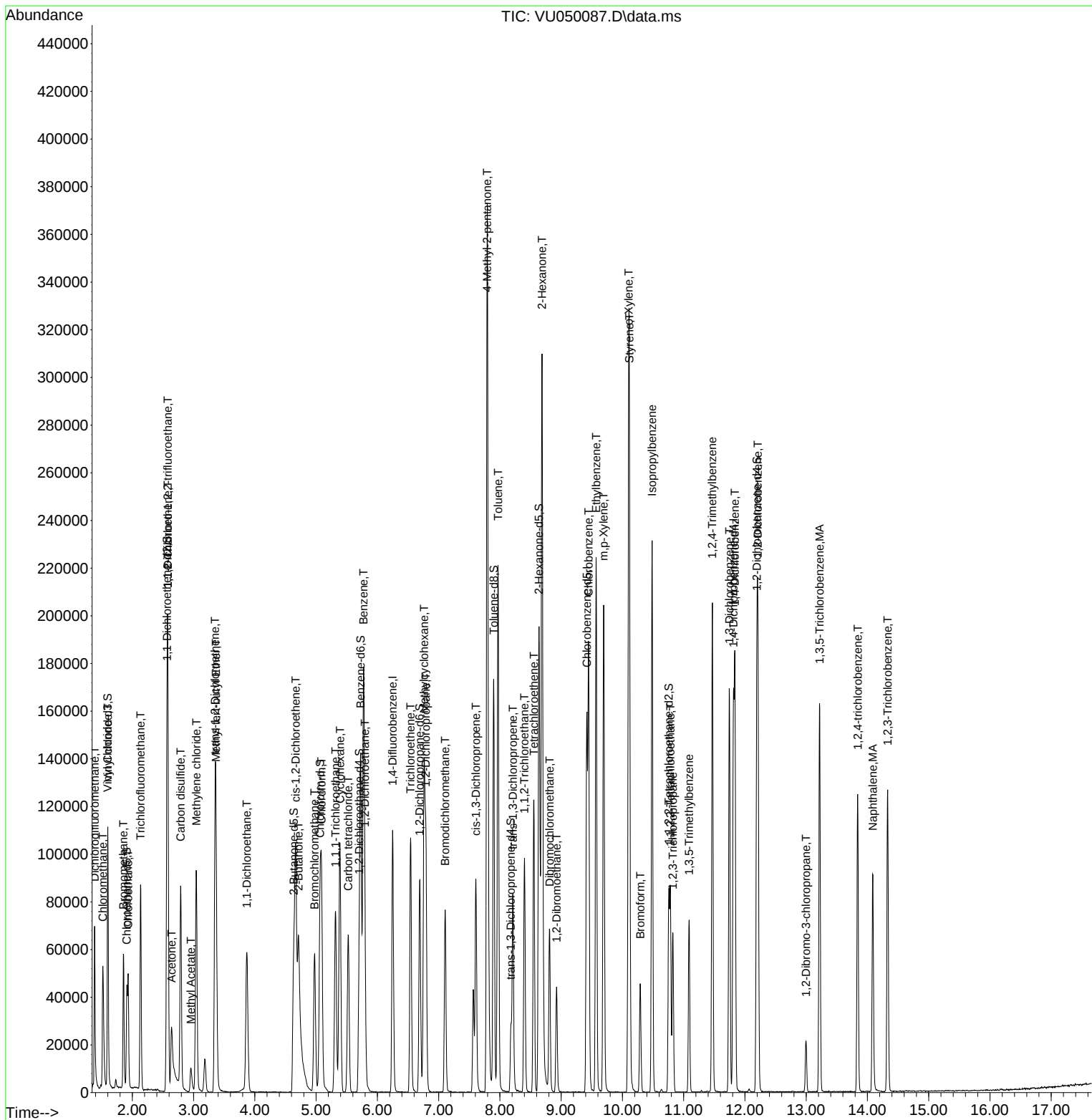
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 ClientSampleId :

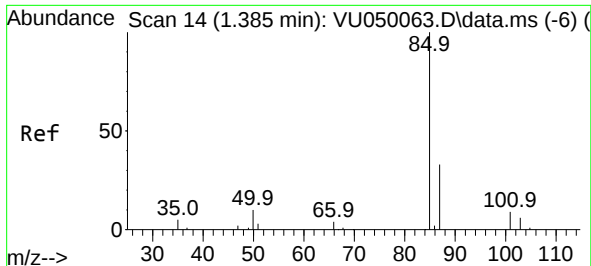
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.797	62	42866	5.043	ug/L	97
29) 1,1,1-Trichloroethane	5.317	97	56635	5.196	ug/L	99
30) Cyclohexane	5.391	56	49715	5.235	ug/L	99
31) Carbon tetrachloride	5.523	117	46423	5.195	ug/L	100
33) Benzene	5.774	78	161607	5.191	ug/L	100
34) Trichloroethene	6.543	95	38751	5.147	ug/L	96
35) Methylcyclohexane	6.764	83	51297	5.278	ug/L	99
37) 1,2-Dichloropropane	6.793	63	42806	5.162	ug/L	100
38) Bromodichloromethane	7.105	83	51837	5.146	ug/L	97
39) cis-1,3-Dichloropropene	7.610	75	57330	5.297	ug/L	100
40) 4-Methyl-2-pentanone	7.793	43	257603	53.633	ug/L	99
42) Toluene	7.970	91	166879	5.345	ug/L	98
44) trans-1,3-Dichloropropene	8.211	75	48947	5.273	ug/L	100
45) 1,1,2-Trichloroethane	8.401	97	32093	5.177	ug/L	98
47) Tetrachloroethene	8.555	164	27982	5.187	ug/L	97
48) 2-Hexanone	8.687	43	205095	55.209	ug/L	99
49) Dibromochloromethane	8.813	129	35692	5.202	ug/L	98
50) 1,2-Dibromoethane	8.925	107	30310	5.393	ug/L	98
51) Chlorobenzene	9.446	112	101307	5.157	ug/L	99
52) Ethylbenzene	9.571	91	157551	5.171	ug/L	100
53) m,p-Xylene	9.694	106	60258	5.370	ug/L	100
54) o-Xylene	10.102	106	60297	5.384	ug/L	98
55) Styrene	10.115	104	102870	5.498	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.784	83	42670	5.238	ug/L	99
59) Bromoform	10.292	173	21052	4.940	ug/L	98
60) Isopropylbenzene	10.485	105	145984	5.144	ug/L	99
61) 1,2,3-Trichloropropane	10.825	75	29365	5.073	ug/L	98
62) 1,3,5-Trimethylbenzene	11.089	105	39544	4.932	ug/L	98
63) 1,2,4-Trimethylbenzene	11.468	105	110896	5.077	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	72707	5.083	ug/L	97
65) 1,4-Dichlorobenzene	11.835	146	70520	5.067	ug/L	97
67) 1,2-Dichlorobenzene	12.211	146	70927	5.120	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.996	75	5967	5.257	ug/L	92
69) 1,3,5-Trichlorobenzene	13.221	180	50529	4.959	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	40403	5.233	ug/L	98
71) Naphthalene	14.089	128	76927	4.859	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	40280	5.147	ug/L	98

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

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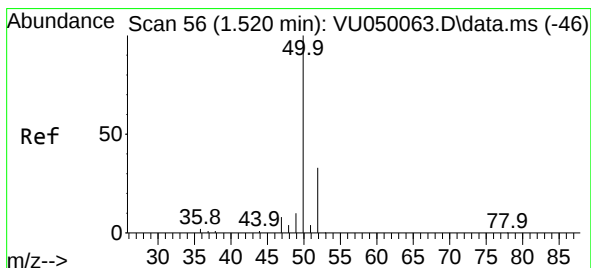
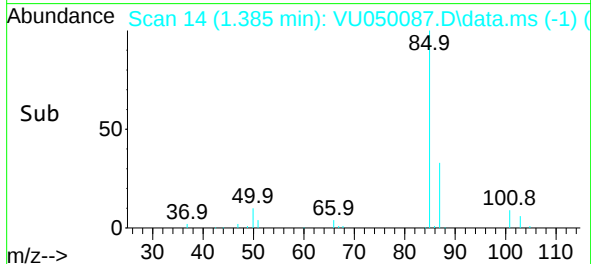
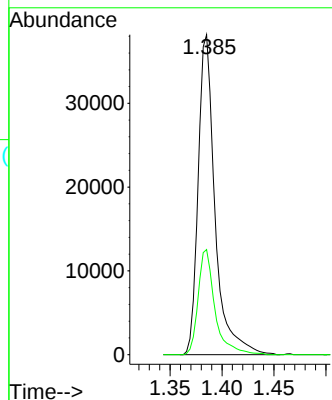
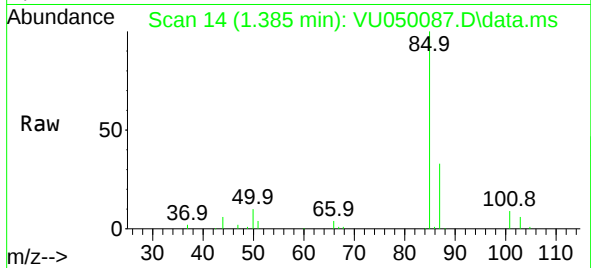




#2
 Dichlorodifluoromethane
 Concen: 5.255 ug/L
 RT: 1.385 min Scan# 14
 Delta R.T. 0.000 min
 Lab File: VU050087.D
 Acq: 05 Aug 2022 09:42

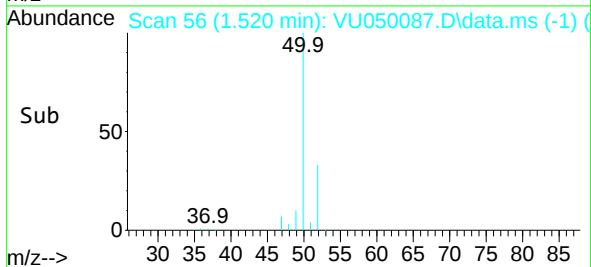
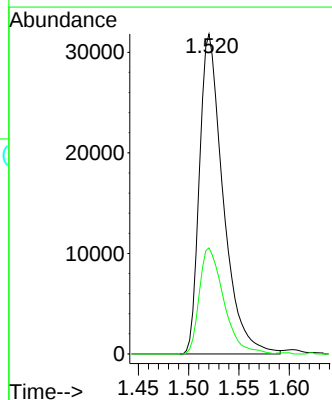
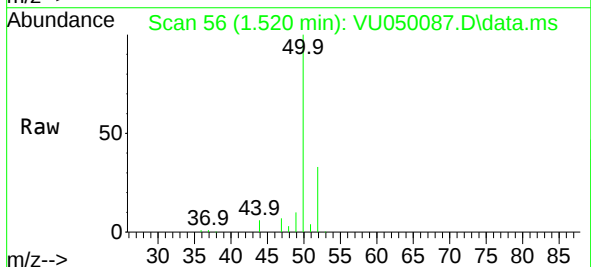
Instrument :
 MSVOA_U
 ClientSampleId :

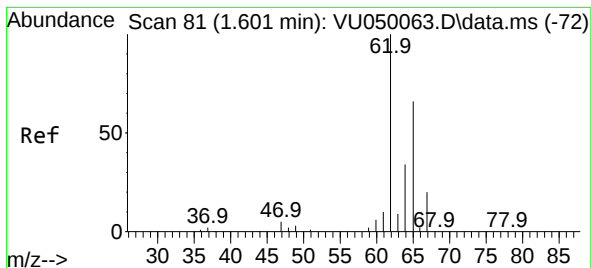
Tgt Ion: 85 Resp: 43060
 Ion Ratio Lower Upper
 85 100
 87 32.9 26.2 39.4



#3
 Chloromethane
 Concen: 4.854 ug/L
 RT: 1.520 min Scan# 56
 Delta R.T. 0.000 min
 Lab File: VU050087.D
 Acq: 05 Aug 2022 09:42

Tgt Ion: 50 Resp: 52033
 Ion Ratio Lower Upper
 50 100
 52 33.2 23.2 43.2





#5

Vinyl chloride

Concen: 5.107 ug/L

RT: 1.601 min Scan# 81

Delta R.T. 0.000 min

Lab File: VU050087.D

Acq: 05 Aug 2022 09:42

Instrument :

MSVOA_U

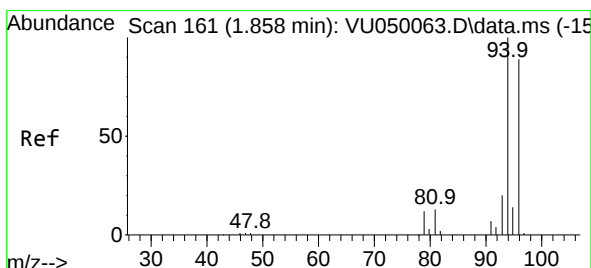
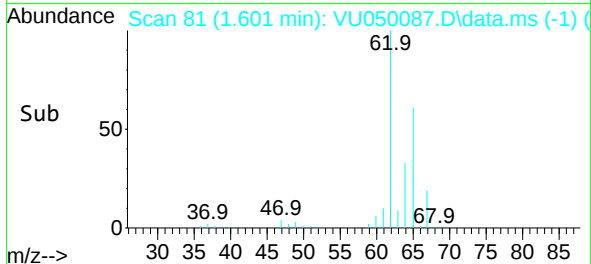
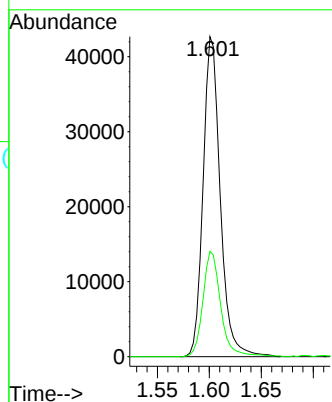
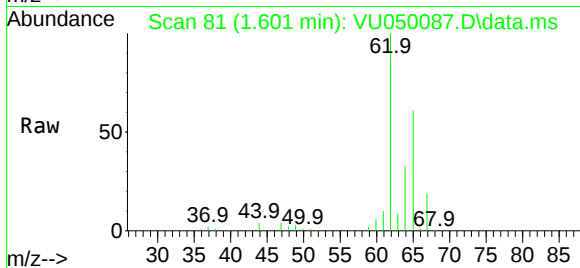
ClientSampleId :

Tgt Ion: 62 Resp: 49040

Ion Ratio Lower Upper

62 100

64 32.9 22.8 42.4



#6

Bromomethane

Concen: 4.307 ug/L

RT: 1.855 min Scan# 160

Delta R.T. -0.003 min

Lab File: VU050087.D

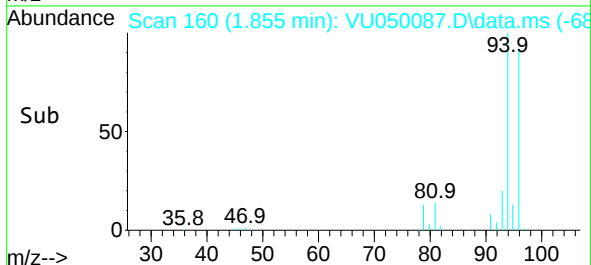
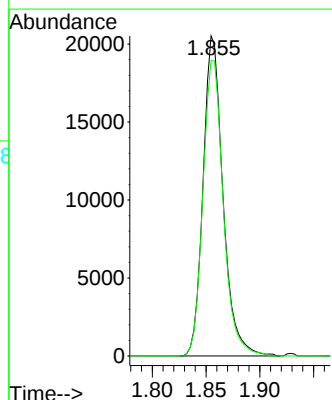
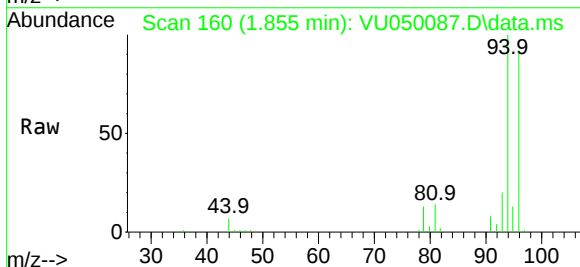
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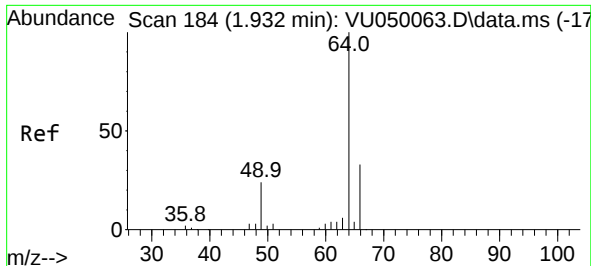
Tgt Ion: 94 Resp: 26402

Ion Ratio Lower Upper

94 100

96 92.3 65.3 121.3

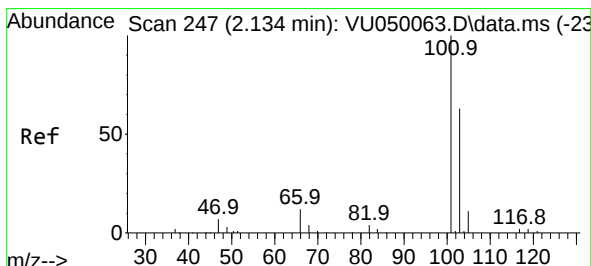
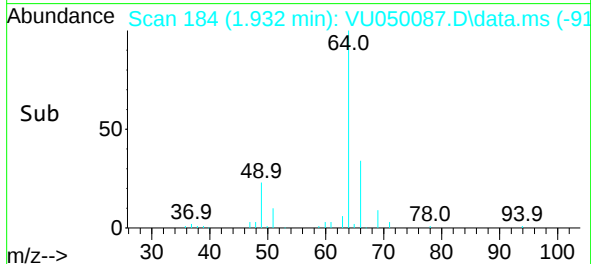
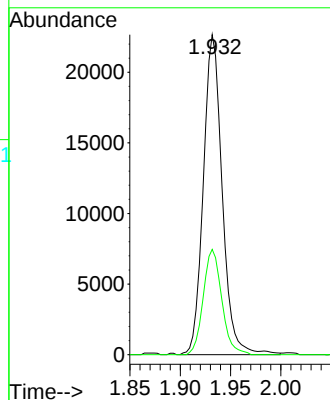
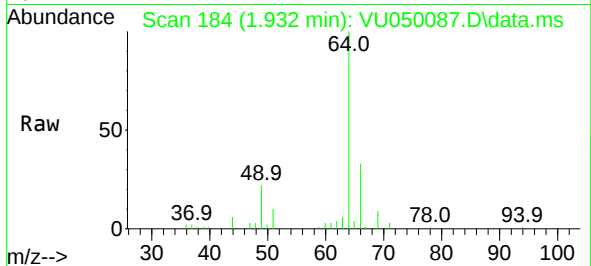




#8
Chloroethane
Concen: 5.234 ug/L
RT: 1.932 min Scan# 184
Delta R.T. 0.000 min
Lab File: VU050087.D
Acq: 05 Aug 2022 09:42

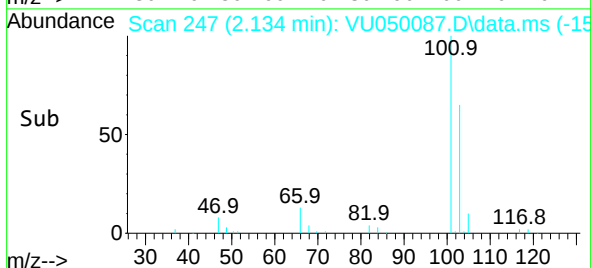
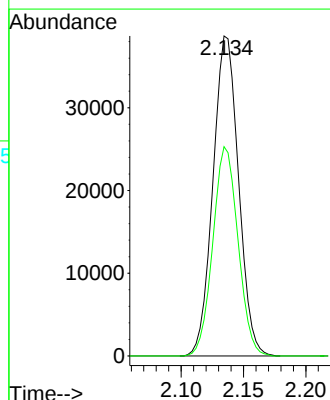
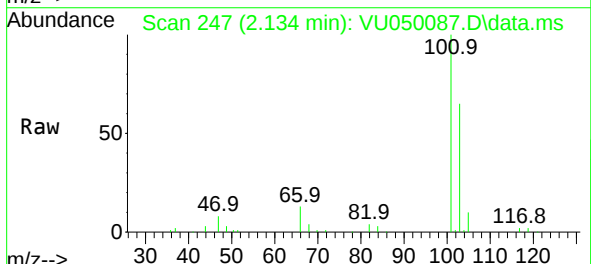
Instrument :
MSVOA_U
ClientSampleId :

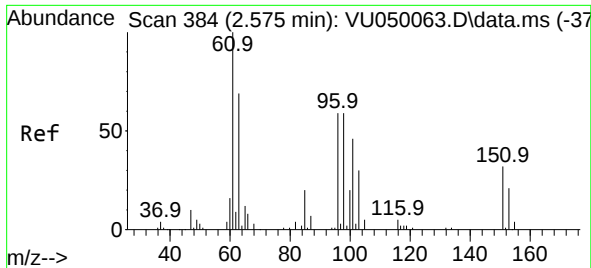
Tgt Ion: 64 Resp: 29616
Ion Ratio Lower Upper
64 100
66 32.9 22.8 42.4



#9
Trichlorofluoromethane
Concen: 5.257 ug/L
RT: 2.134 min Scan# 247
Delta R.T. 0.000 min
Lab File: VU050087.D
Acq: 05 Aug 2022 09:42

Tgt Ion: 101 Resp: 55282
Ion Ratio Lower Upper
101 100
103 64.3 52.6 78.8

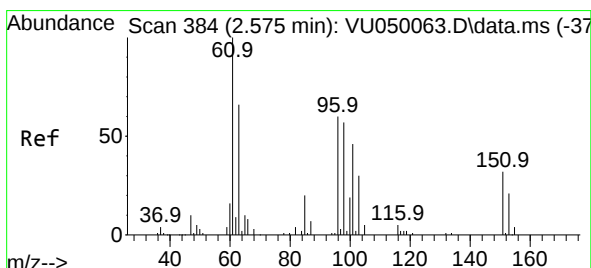
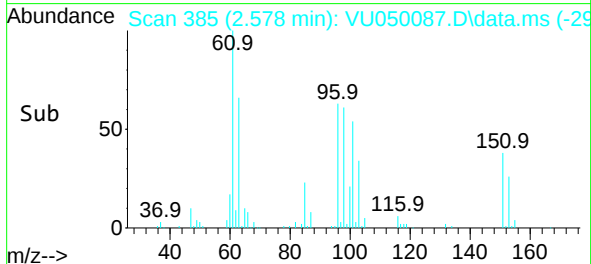
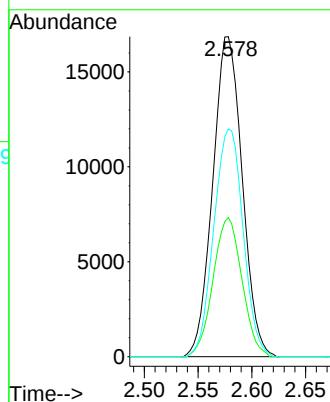
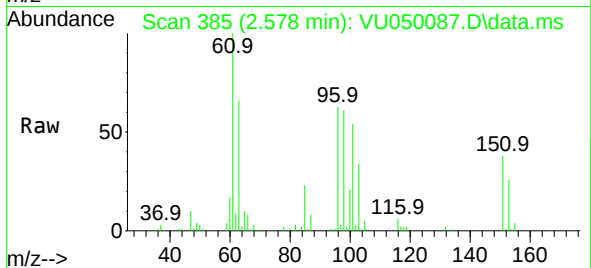




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.494 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. 0.003 min
 Lab File: VU050087.D
 Acq: 05 Aug 2022 09:42

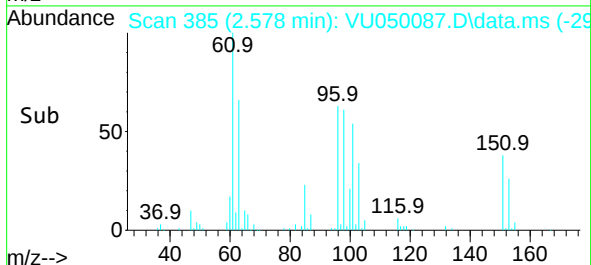
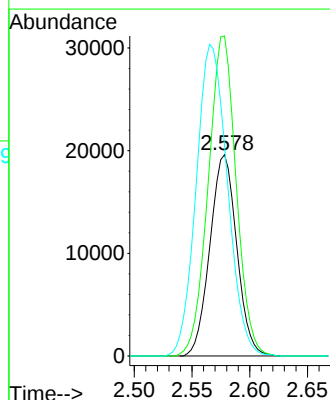
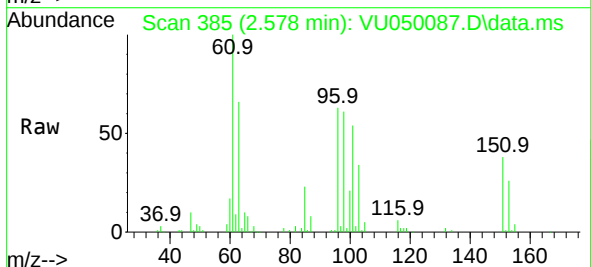
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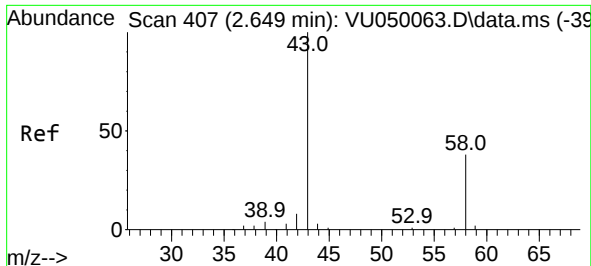
Tgt Ion:101 Resp: 32136
 Ion Ratio Lower Upper
 101 100
 85 42.6 35.6 53.4
 151 70.8 55.2 82.8



#12
 1,1-Dichloroethene
 Concen: 5.122 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. 0.003 min
 Lab File: VU050087.D
 Acq: 05 Aug 2022 09:42

Tgt Ion: 96 Resp: 31642
 Ion Ratio Lower Upper
 96 100
 61 158.9 122.7 227.9
 63 104.7 85.1 158.1





#13

Acetone

Concen: 54.327 ug/L

RT: 2.642 min Scan# 407

Delta R.T. -0.006 min

Lab File: VU050087.D

Acq: 05 Aug 2022 09:42

Instrument :

MSVOA_U

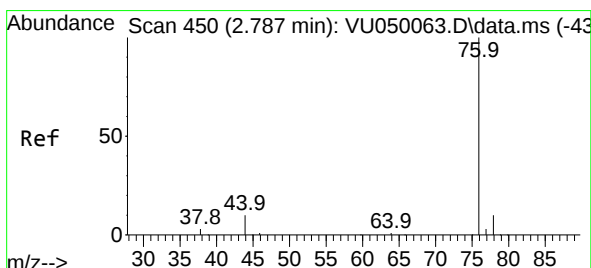
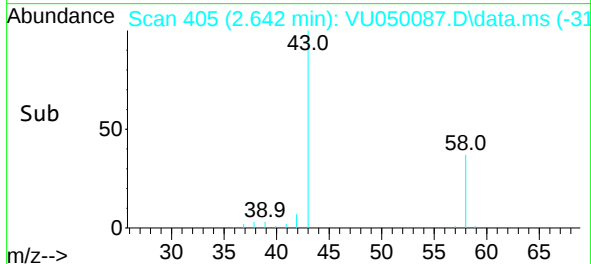
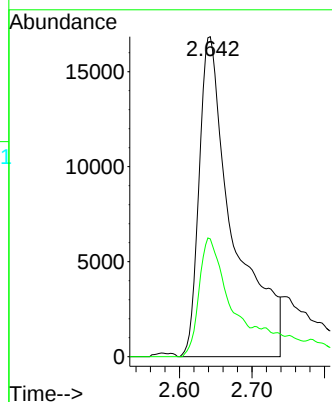
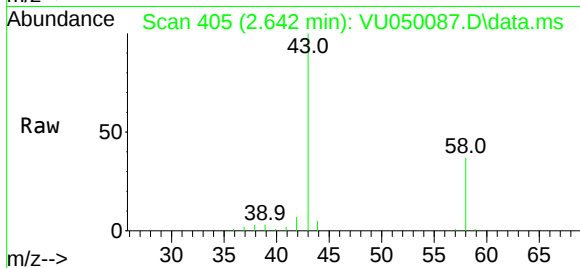
ClientSampleId :

Tgt Ion: 43 Resp: 54879

Ion Ratio Lower Upper

43 100

58 32.2 0.0 64.0



#14

Carbon disulfide

Concen: 4.951 ug/L

RT: 2.790 min Scan# 451

Delta R.T. 0.003 min

Lab File: VU050087.D

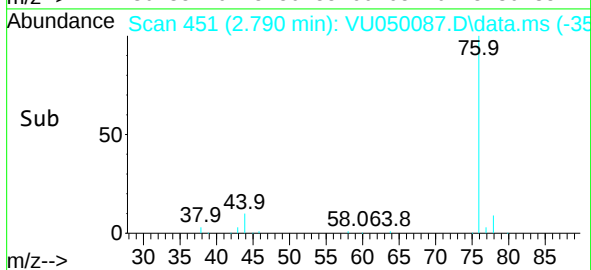
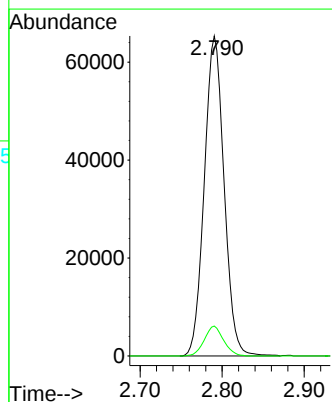
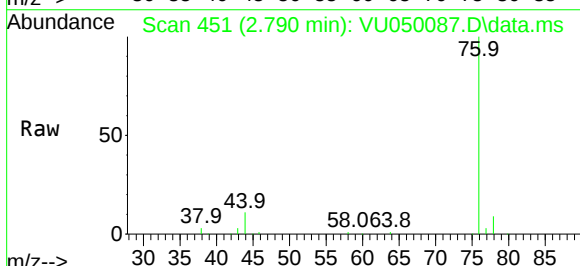
Acq: 05 Aug 2022 09:42

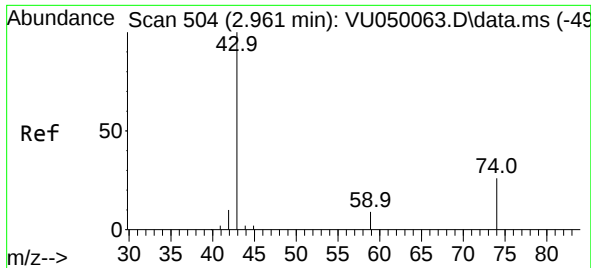
Tgt Ion: 76 Resp: 109247

Ion Ratio Lower Upper

76 100

78 9.4 7.4 11.0

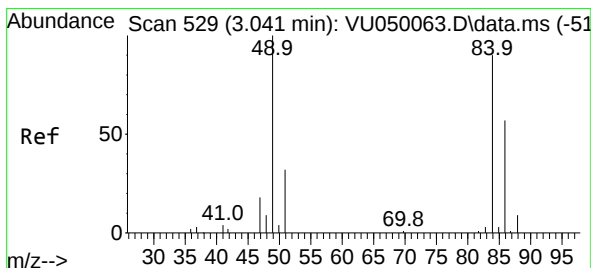
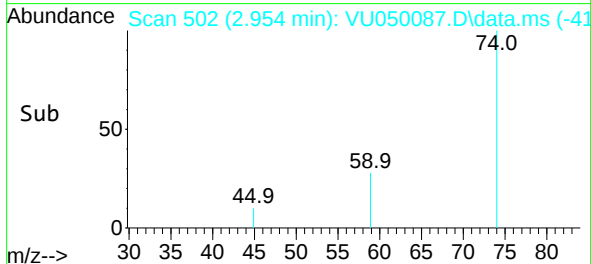
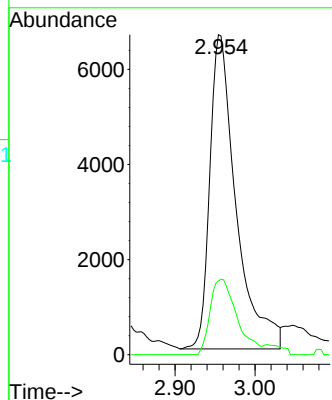
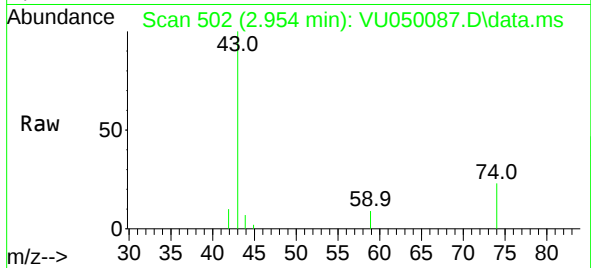




#15
Methyl Acetate
Concen: 5.479 ug/L
RT: 2.954 min Scan# 50
Delta R.T. -0.006 min
Lab File: VU050087.D
Acq: 05 Aug 2022 09:42

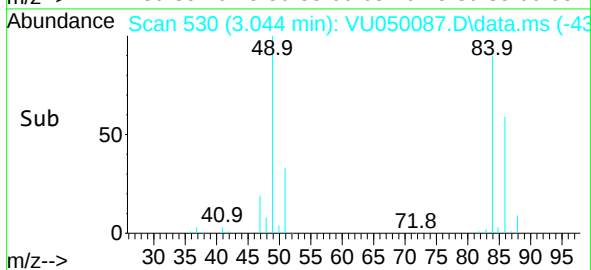
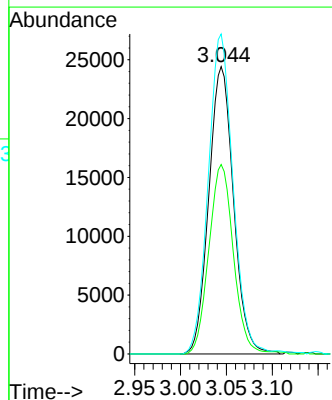
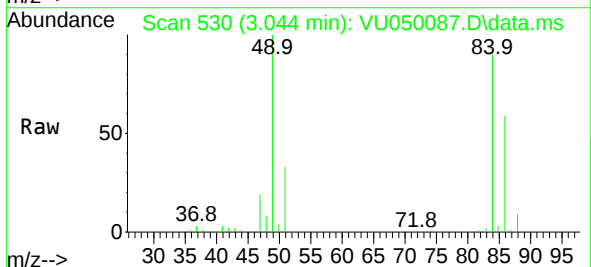
Instrument :
MSVOA_U
ClientSampleId :

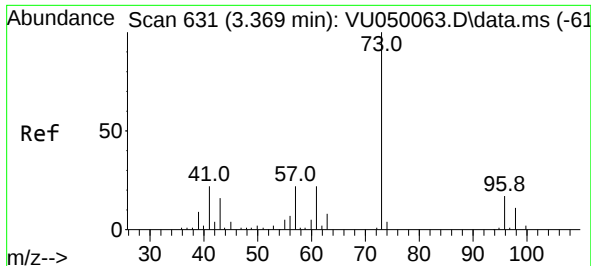
Tgt Ion: 43 Resp: 15112
Ion Ratio Lower Upper
43 100
74 24.5 22.7 34.1



#16
Methylene chloride
Concen: 4.853 ug/L
RT: 3.044 min Scan# 530
Delta R.T. 0.003 min
Lab File: VU050087.D
Acq: 05 Aug 2022 09:42

Tgt Ion: 84 Resp: 45811
Ion Ratio Lower Upper
84 100
86 65.9 45.9 85.3
49 111.4 77.6 144.0





#17

Methyl tert-butyl Ether

Concen: 5.174 ug/L

RT: 3.366 min Scan# 61

Delta R.T. -0.003 min

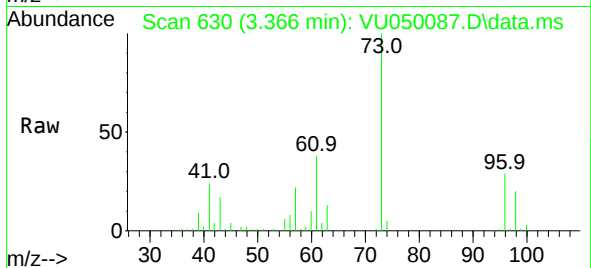
Lab File: VU050087.D

Acq: 05 Aug 2022 09:42

Instrument :

MSVOA_U

ClientSampleId :



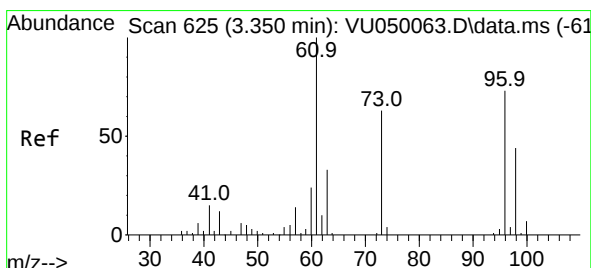
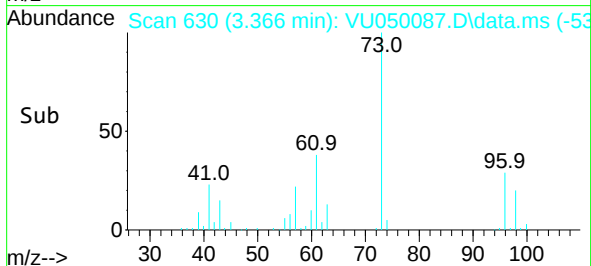
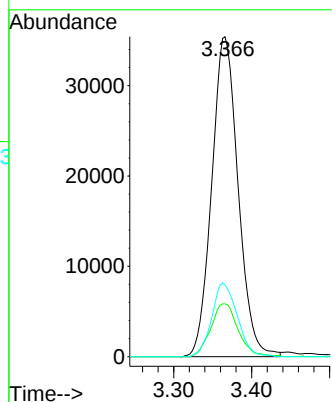
Tgt Ion: 73 Resp: 83420

Ion Ratio Lower Upper

73 100

43 17.1 13.5 20.3

57 22.3 17.4 26.2



#18

trans-1,2-Dichloroethene

Concen: 5.149 ug/L

RT: 3.350 min Scan# 625

Delta R.T. 0.000 min

Lab File: VU050087.D

Acq: 05 Aug 2022 09:42

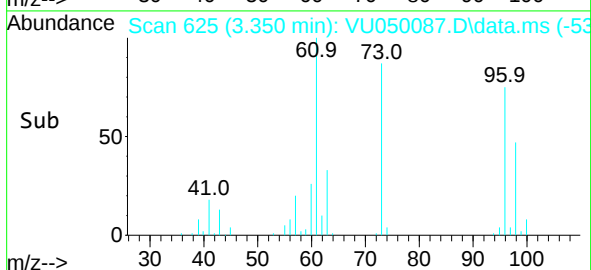
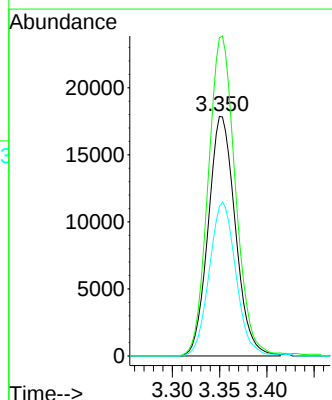
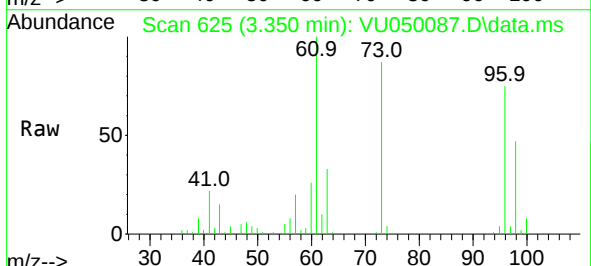
Tgt Ion: 96 Resp: 35620

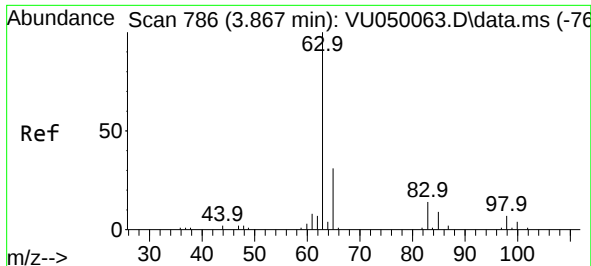
Ion Ratio Lower Upper

96 100

61 132.8 92.3 171.5

98 62.4 43.2 80.2





#19

1,1-Dichloroethane

Concen: 5.183 ug/L

RT: 3.867 min Scan# 71

Delta R.T. 0.000 min

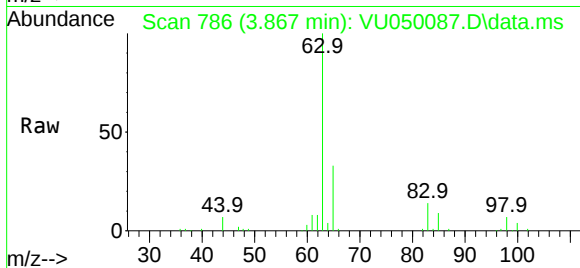
Lab File: VU050087.D

Acq: 05 Aug 2022 09:42

Instrument :

MSVOA_U

ClientSampleId :



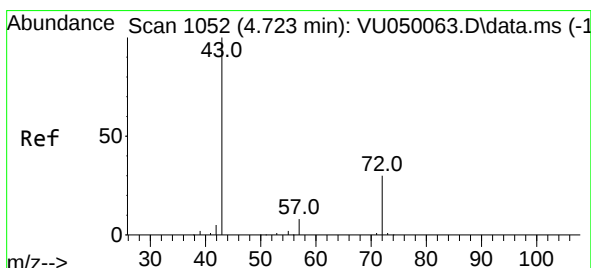
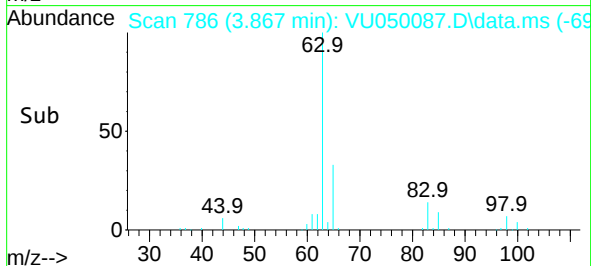
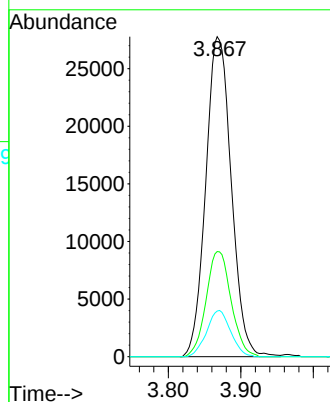
Tgt Ion: 63 Resp: 67893

Ion Ratio Lower Upper

63 100

65 32.8 22.7 42.3

83 14.2 9.8 18.2



#21

2-Butanone

Concen: 61.401 ug/L

RT: 4.713 min Scan# 1049

Delta R.T. -0.010 min

Lab File: VU050087.D

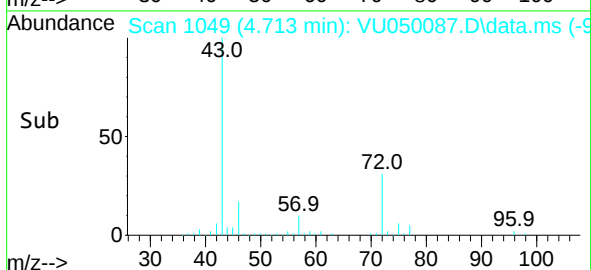
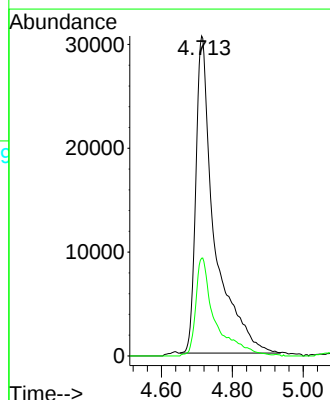
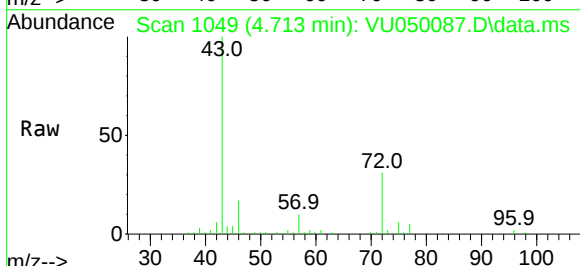
Acq: 05 Aug 2022 09:42

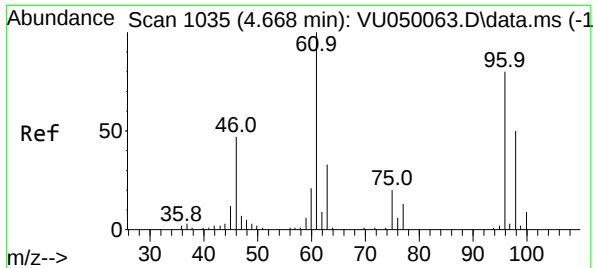
Tgt Ion: 43 Resp: 111534

Ion Ratio Lower Upper

43 100

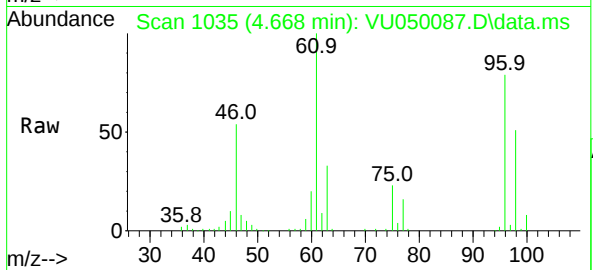
72 32.1 14.0 42.0





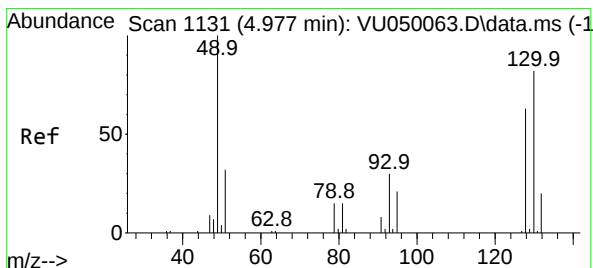
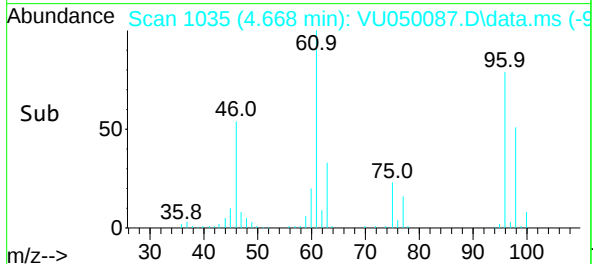
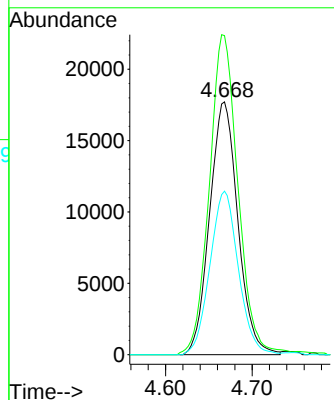
#22
 cis-1,2-Dichloroethene
 Concen: 5.233 ug/L
 RT: 4.668 min Scan# 1035
 Delta R.T. 0.000 min
 Lab File: VU050087.D
 Acq: 05 Aug 2022 09:42

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 96 Resp: 40181

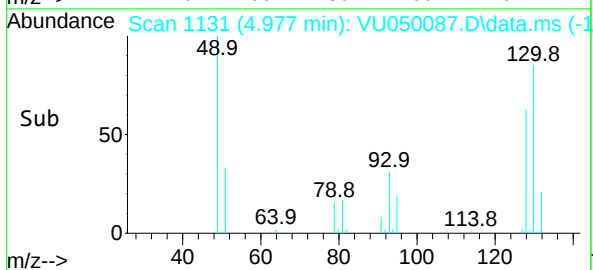
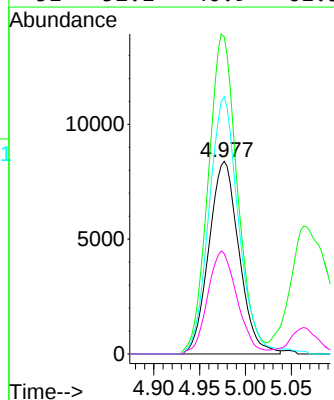
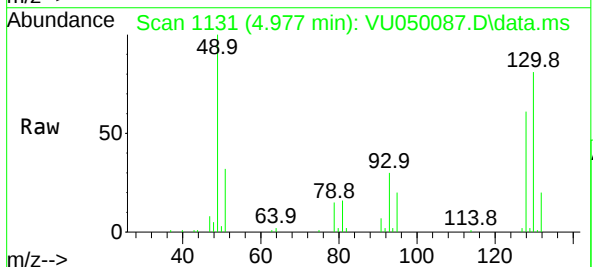
Ion	Ratio	Lower	Upper
96	100		
61	126.2	89.0	165.4
98	64.7	45.2	84.0

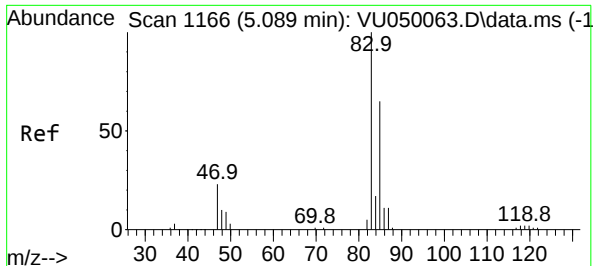


#23
 Bromochloromethane
 Concen: 5.218 ug/L
 RT: 4.977 min Scan# 1131
 Delta R.T. 0.000 min
 Lab File: VU050087.D
 Acq: 05 Aug 2022 09:42

Tgt Ion: 128 Resp: 19147

Ion	Ratio	Lower	Upper
128	100		
49	164.7	111.4	206.8
130	133.6	90.2	167.4
51	52.1	40.9	61.3





#25

Chloroform

Concen: 5.170 ug/L

RT: 5.089 min Scan# 1166

Delta R.T. 0.000 min

Lab File: VU050087.D

Acq: 05 Aug 2022 09:42

Instrument :

MSVOA_U

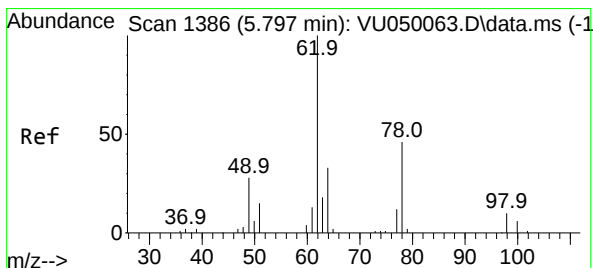
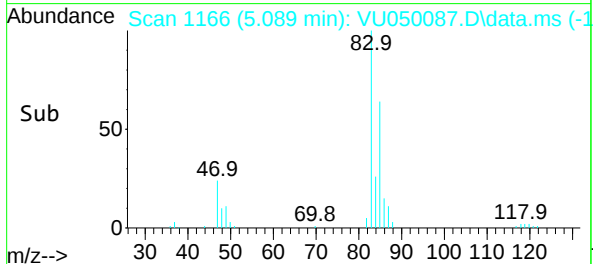
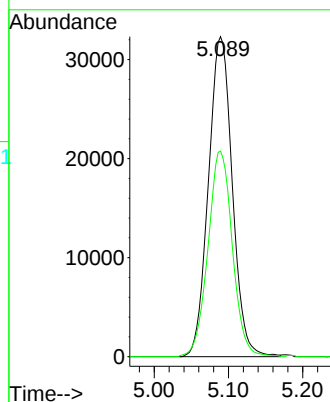
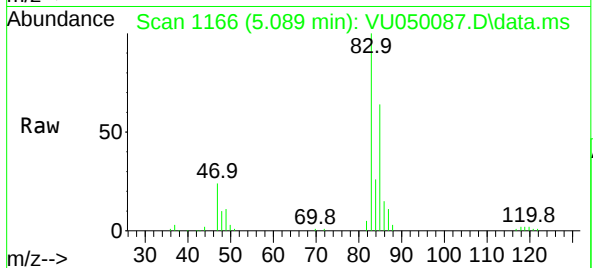
ClientSampleId :

Tgt Ion: 83 Resp: 72201

Ion Ratio Lower Upper

83 100

85 64.2 46.1 85.5



#27

1,2-Dichloroethane

Concen: 5.043 ug/L

RT: 5.797 min Scan# 1386

Delta R.T. 0.000 min

Lab File: VU050087.D

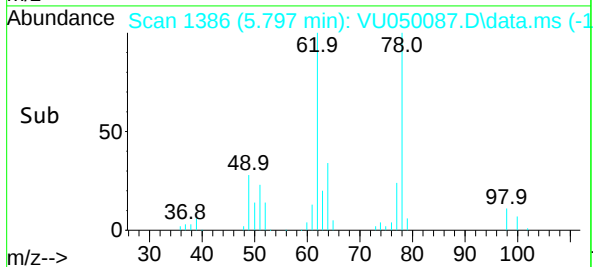
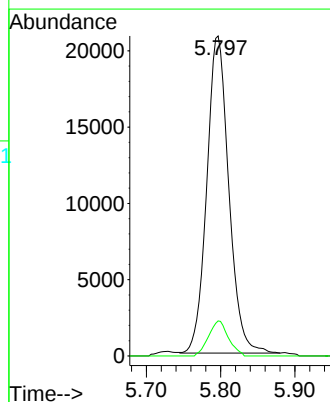
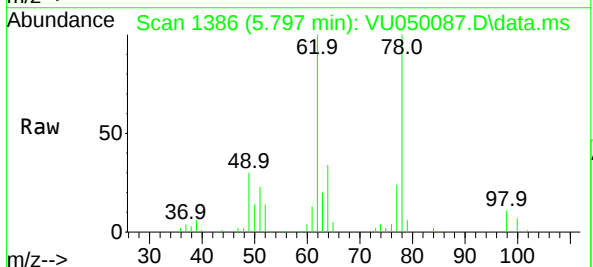
Acq: 05 Aug 2022 09:42

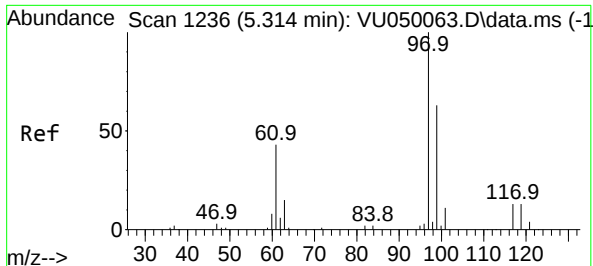
Tgt Ion: 62 Resp: 42866

Ion Ratio Lower Upper

62 100

98 10.9 7.8 11.8





#29

1,1,1-Trichloroethane

Concen: 5.196 ug/L

RT: 5.317 min Scan# 11

Delta R.T. 0.003 min

Lab File: VU050087.D

Acq: 05 Aug 2022 09:42

Instrument :

MSVOA_U

ClientSampleId :

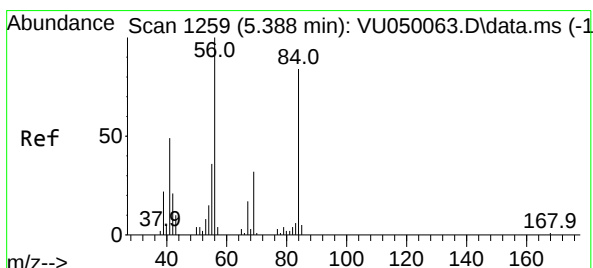
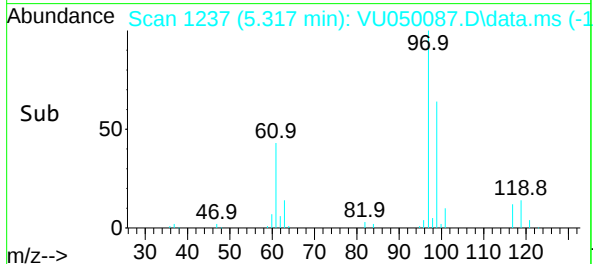
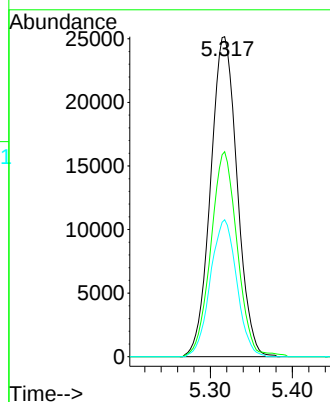
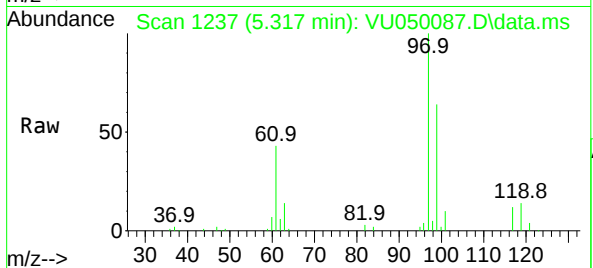
Tgt Ion: 97 Resp: 56635

Ion Ratio Lower Upper

97 100

99 63.7 51.5 77.3

61 42.5 34.2 51.4



#30

Cyclohexane

Concen: 5.235 ug/L

RT: 5.391 min Scan# 1260

Delta R.T. 0.003 min

Lab File: VU050087.D

Acq: 05 Aug 2022 09:42

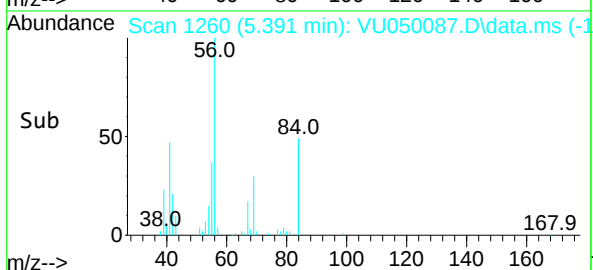
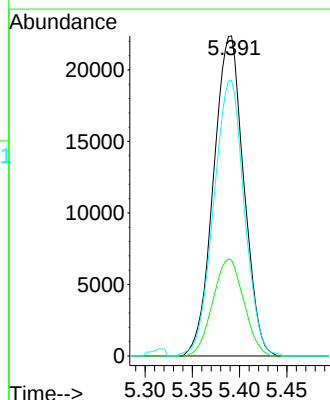
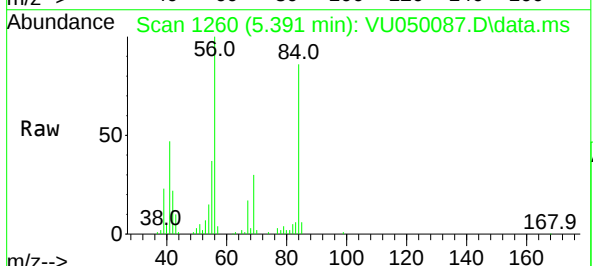
Tgt Ion: 56 Resp: 49715

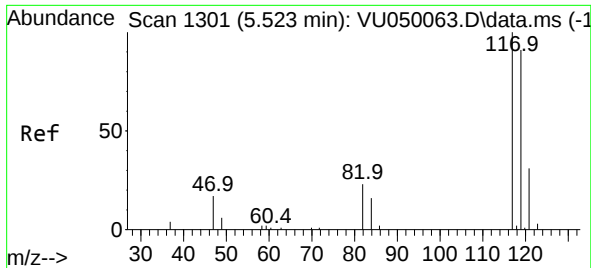
Ion Ratio Lower Upper

56 100

69 31.0 24.6 37.0

84 87.4 69.1 103.7

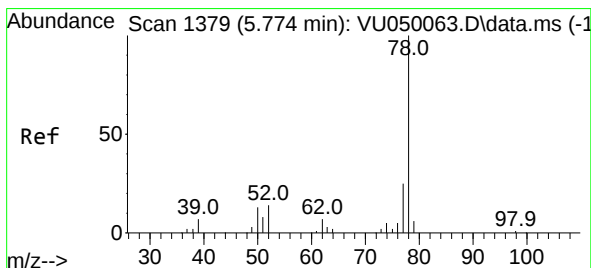
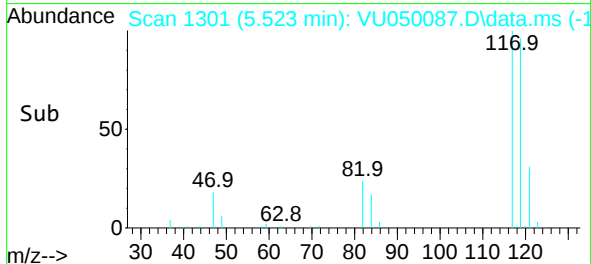
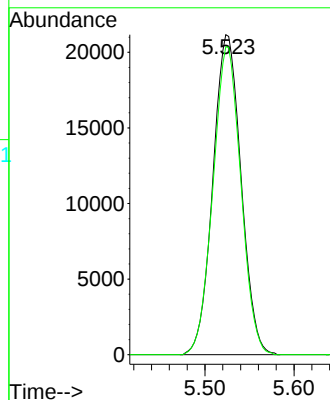
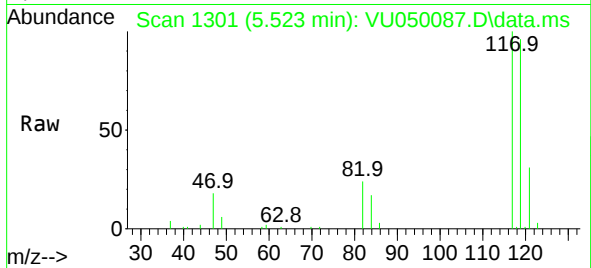




#31
Carbon tetrachloride
Concen: 5.195 ug/L
RT: 5.523 min Scan# 117
Delta R.T. 0.000 min
Lab File: VU050087.D
Acq: 05 Aug 2022 09:42

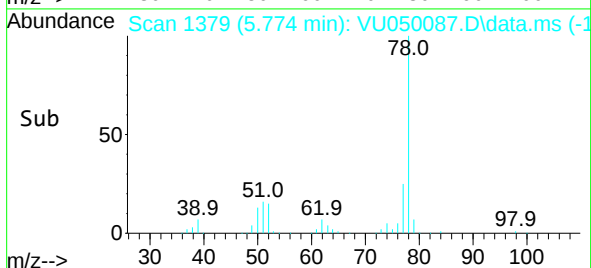
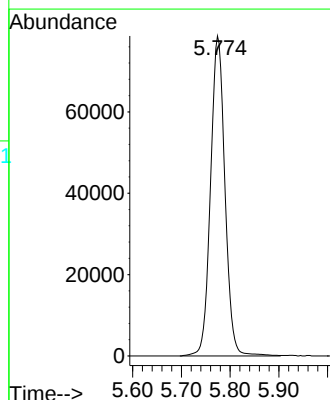
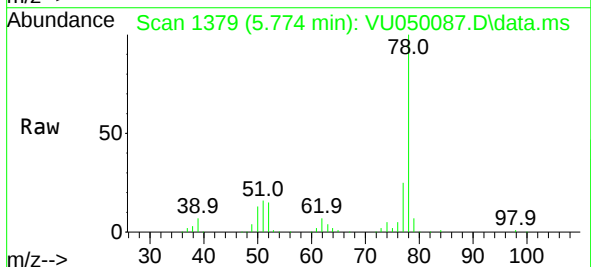
Instrument :
MSVOA_U
ClientSampleId :

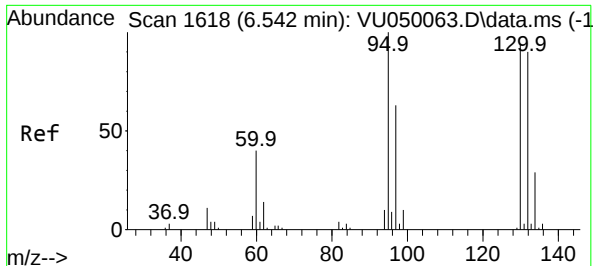
Tgt Ion:117 Resp: 46423
Ion Ratio Lower Upper
117 100
119 95.5 76.0 114.0



#33
Benzene
Concen: 5.191 ug/L
RT: 5.774 min Scan# 1379
Delta R.T. 0.000 min
Lab File: VU050087.D
Acq: 05 Aug 2022 09:42

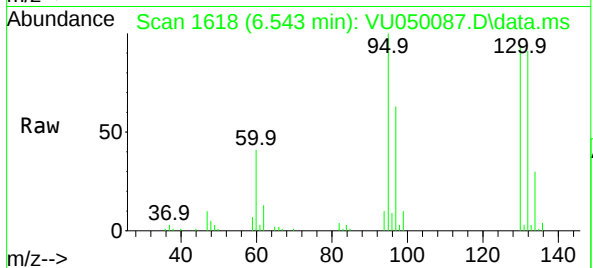
Tgt Ion: 78 Resp: 161607



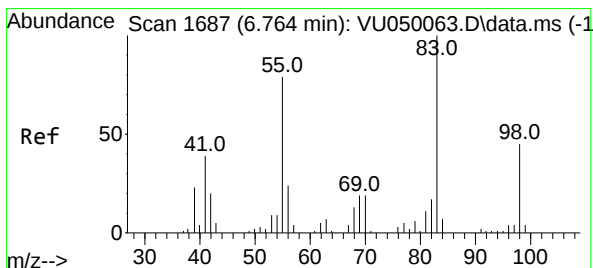
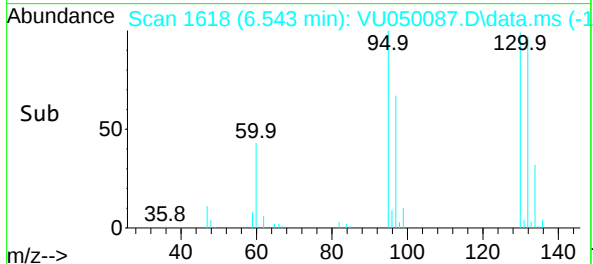
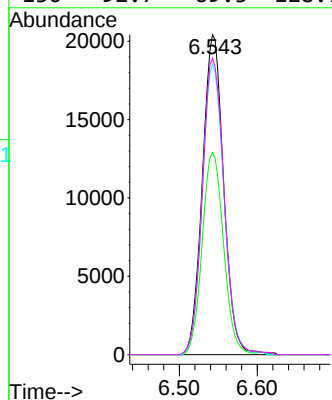


#34
Trichloroethene
Concen: 5.147 ug/L
RT: 6.543 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VU050087.D
Acq: 05 Aug 2022 09:42

Instrument :
MSVOA_U
ClientSampleId :

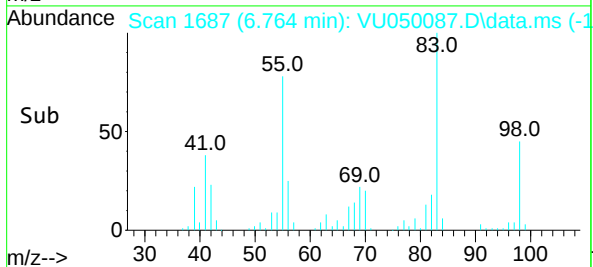
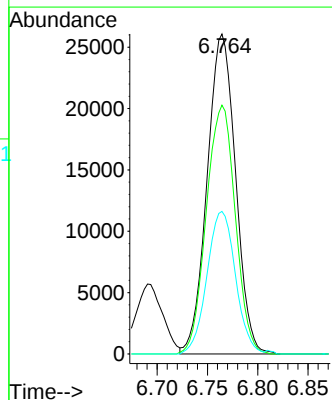
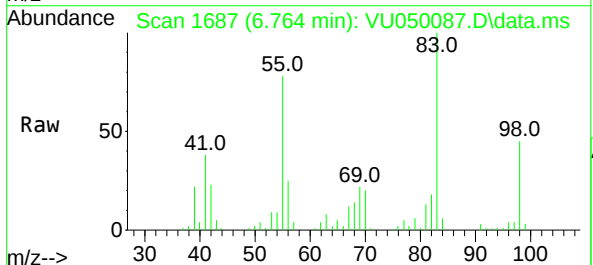


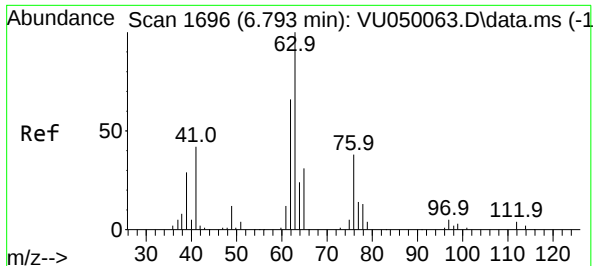
Tgt Ion: 95 Resp: 38751
Ion Ratio Lower Upper
95 100
97 63.1 45.6 84.8
132 90.6 65.0 120.6
130 92.7 69.3 128.7



#35
Methylcyclohexane
Concen: 5.278 ug/L
RT: 6.764 min Scan# 1687
Delta R.T. 0.000 min
Lab File: VU050087.D
Acq: 05 Aug 2022 09:42

Tgt Ion: 83 Resp: 51297
Ion Ratio Lower Upper
83 100
55 79.2 62.7 94.1
98 44.7 36.2 54.2

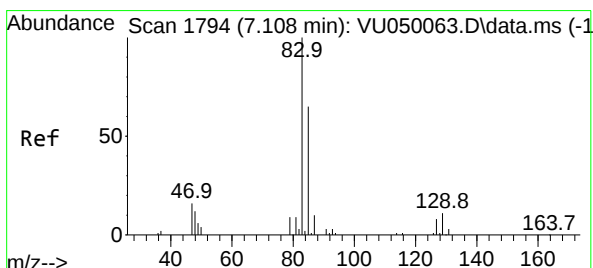
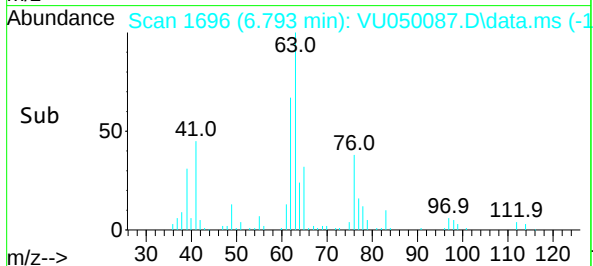
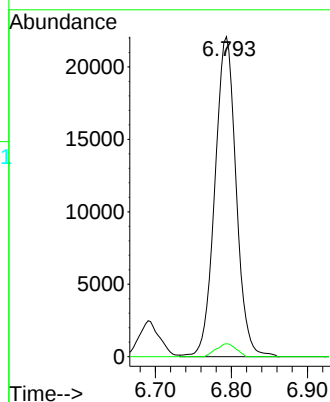
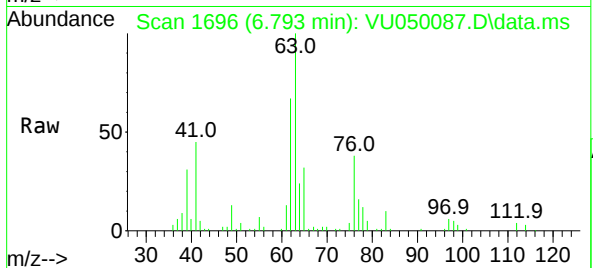




#37
1,2-Dichloropropane
Concen: 5.162 ug/L
RT: 6.793 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU050087.D
Acq: 05 Aug 2022 09:42

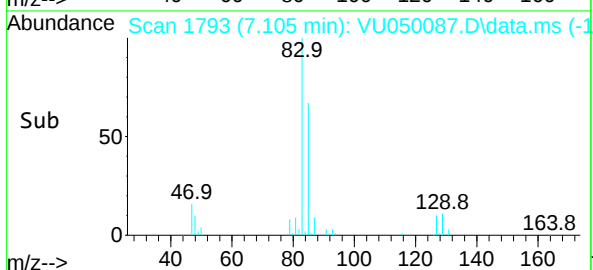
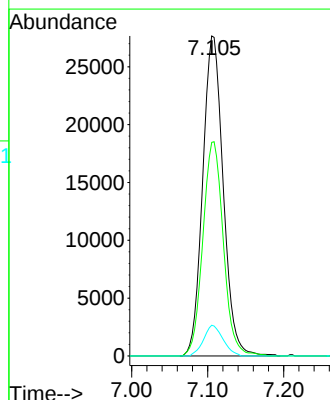
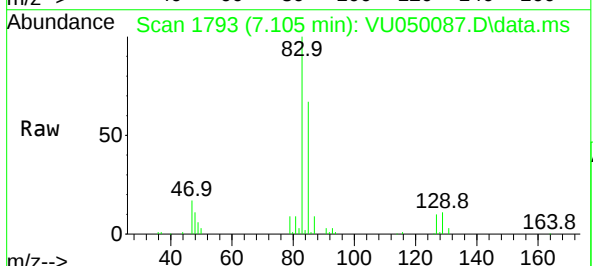
Instrument :
MSVOA_U
ClientSampleId :

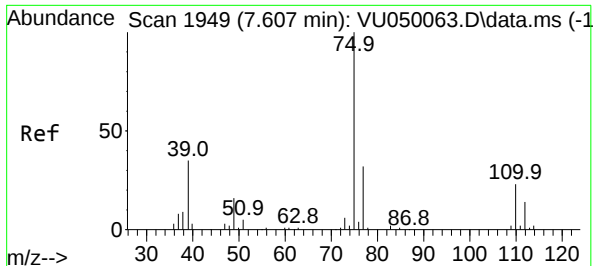
Tgt Ion: 63 Resp: 42806
Ion Ratio Lower Upper
63 100
112 3.8 3.0 4.4



#38
Bromodichloromethane
Concen: 5.146 ug/L
RT: 7.105 min Scan# 1793
Delta R.T. -0.003 min
Lab File: VU050087.D
Acq: 05 Aug 2022 09:42

Tgt Ion: 83 Resp: 51837
Ion Ratio Lower Upper
83 100
85 66.7 45.1 83.7
127 9.6 6.8 10.2





#39

cis-1,3-Dichloropropene

Concen: 5.297 ug/L

RT: 7.610 min Scan# 1949

Delta R.T. 0.003 min

Lab File: VU050087.D

Acq: 05 Aug 2022 09:42

Instrument :

MSVOA_U

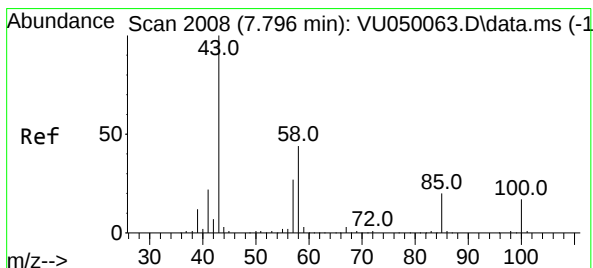
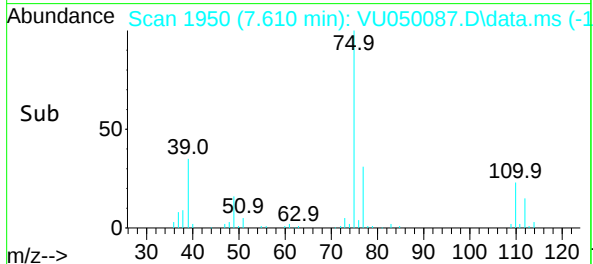
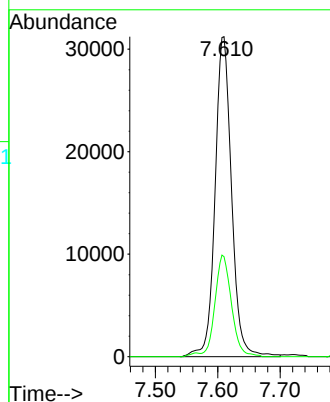
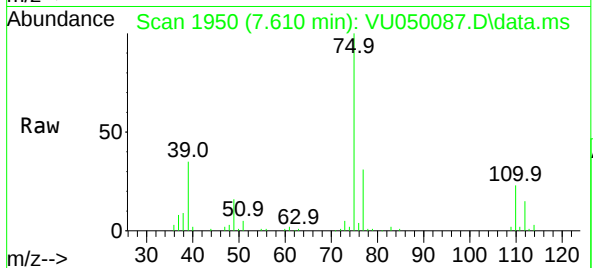
ClientSampleId :

Tgt Ion: 75 Resp: 57330

Ion Ratio Lower Upper

75 100

77 31.2 21.8 40.4



#40

4-Methyl-2-pentanone

Concen: 53.633 ug/L

RT: 7.793 min Scan# 2007

Delta R.T. -0.003 min

Lab File: VU050087.D

Acq: 05 Aug 2022 09:42

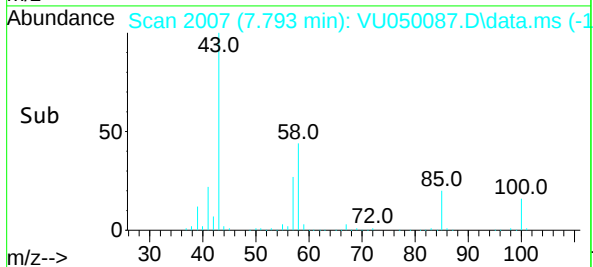
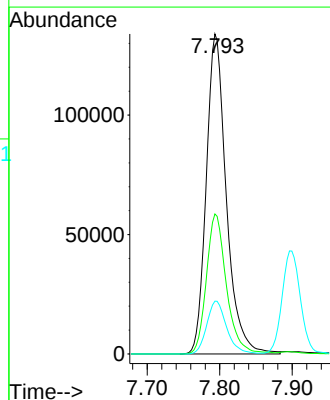
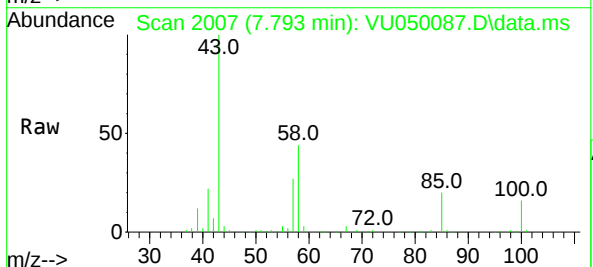
Tgt Ion: 43 Resp: 257603

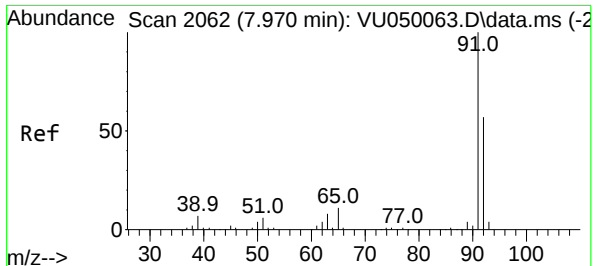
Ion Ratio Lower Upper

43 100

58 43.7 34.6 51.8

100 16.4 13.0 19.4

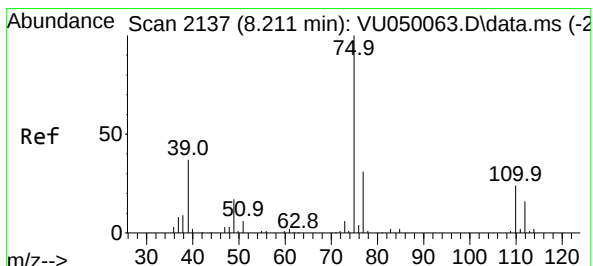
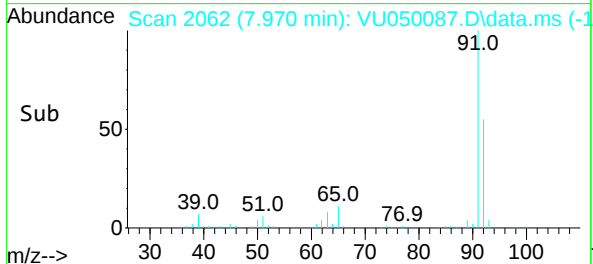
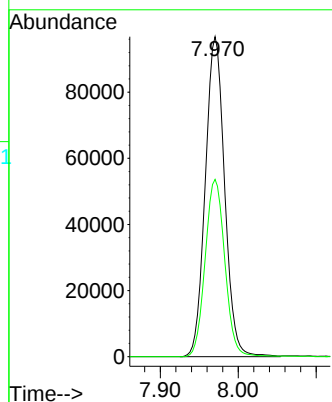
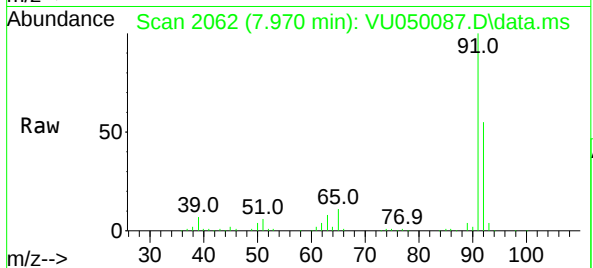




#42
Toluene
Concen: 5.345 ug/L
RT: 7.970 min Scan# 2062
Delta R.T. 0.000 min
Lab File: VU050087.D
Acq: 05 Aug 2022 09:42

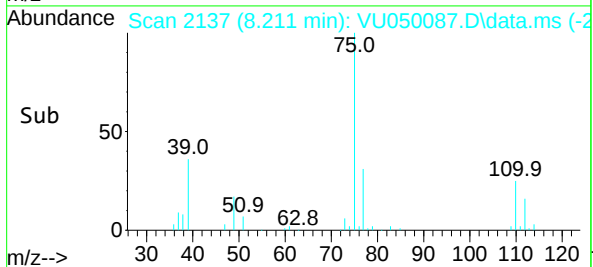
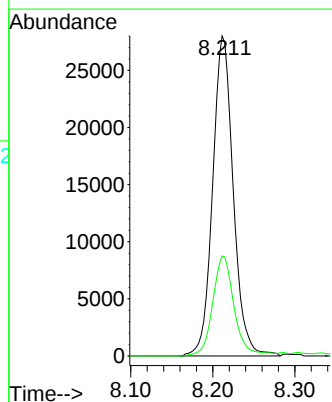
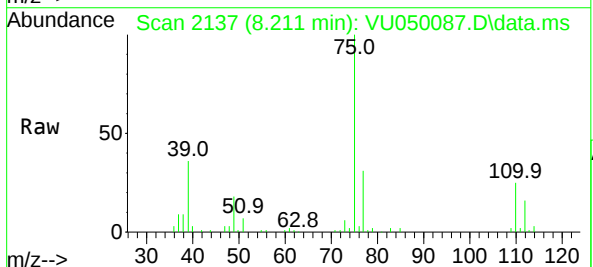
Instrument :
MSVOA_U
ClientSampleId :

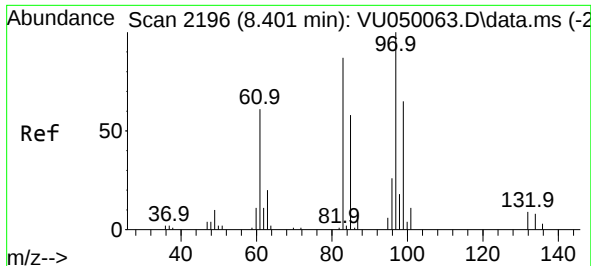
Tgt Ion: 91 Resp: 166879
Ion Ratio Lower Upper
91 100
92 55.4 39.8 74.0



#44
trans-1,3-Dichloropropene
Concen: 5.273 ug/L
RT: 8.211 min Scan# 2137
Delta R.T. 0.000 min
Lab File: VU050087.D
Acq: 05 Aug 2022 09:42

Tgt Ion: 75 Resp: 48947
Ion Ratio Lower Upper
75 100
77 31.2 22.0 40.8





#45

1,1,2-Trichloroethane

Concen: 5.177 ug/L

RT: 8.401 min Scan# 2196

Delta R.T. 0.000 min

Lab File: VU050087.D

Acq: 05 Aug 2022 09:42

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 97 Resp: 32093

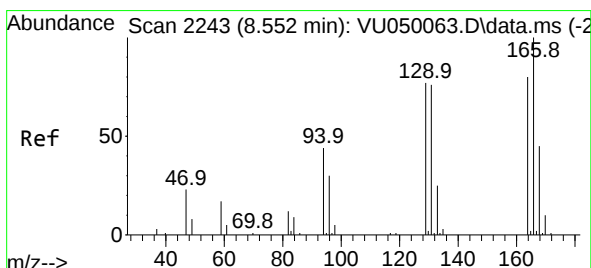
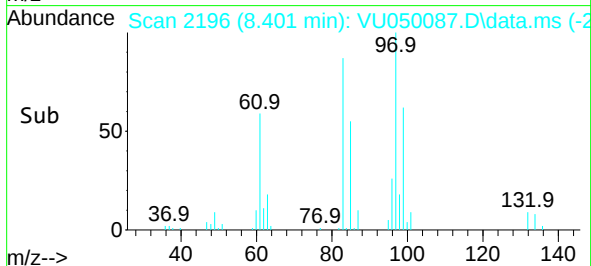
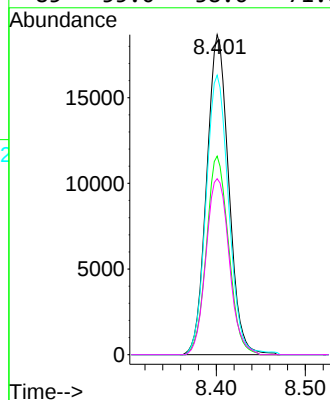
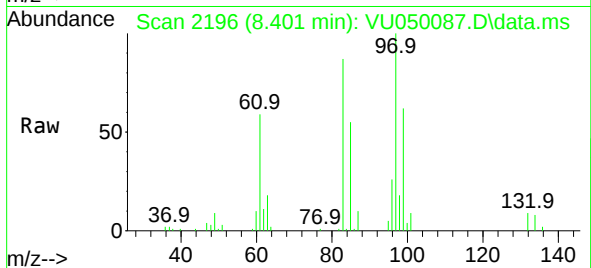
Ion Ratio Lower Upper

97 100

99 62.1 42.2 78.4

83 87.4 59.6 110.6

85 55.0 38.6 71.8



#47

Tetrachloroethene

Concen: 5.187 ug/L

RT: 8.555 min Scan# 2244

Delta R.T. 0.003 min

Lab File: VU050087.D

Acq: 05 Aug 2022 09:42

Tgt Ion:164 Resp: 27982

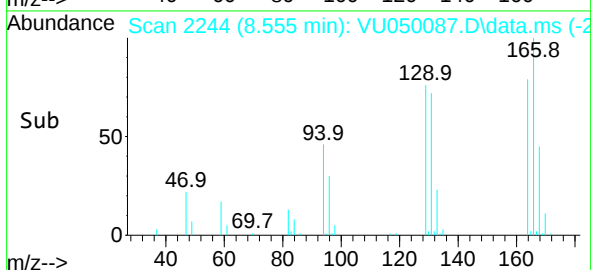
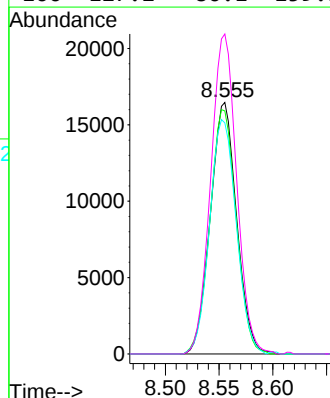
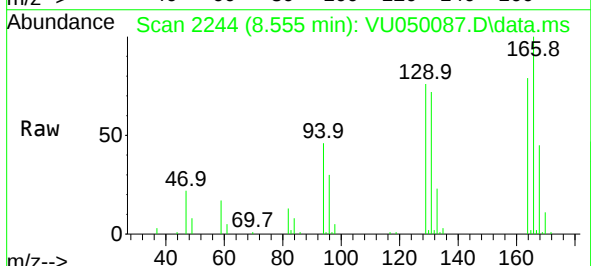
Ion Ratio Lower Upper

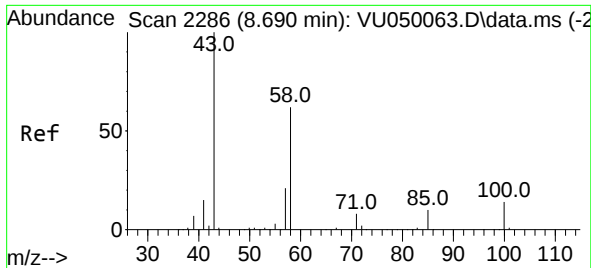
164 100

129 96.6 69.0 128.1

131 91.9 65.8 122.2

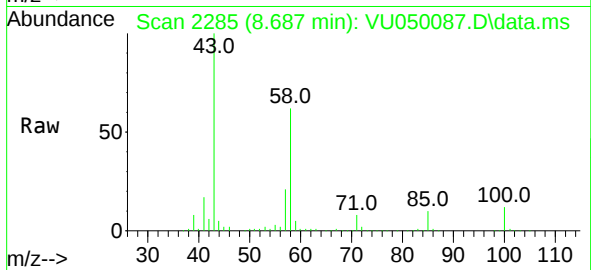
166 127.2 86.1 159.9



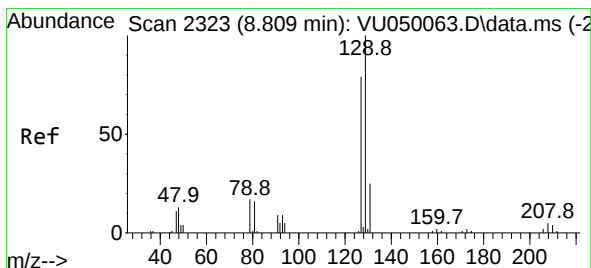
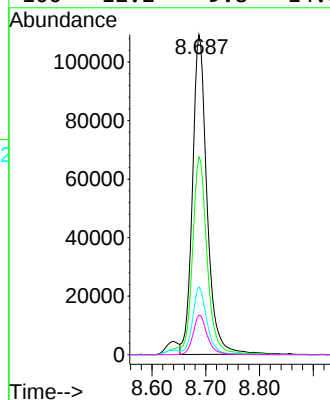
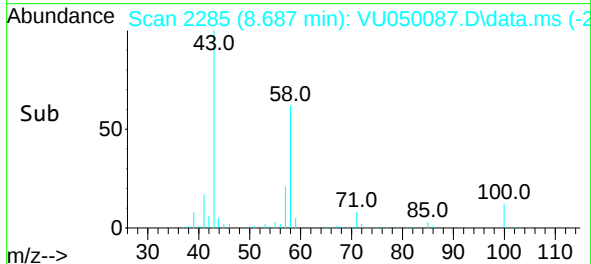


#48
2-Hexanone
Concen: 55.209 ug/L
RT: 8.687 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU050087.D
Acq: 05 Aug 2022 09:42

Instrument :
MSVOA_U
ClientSampleId :

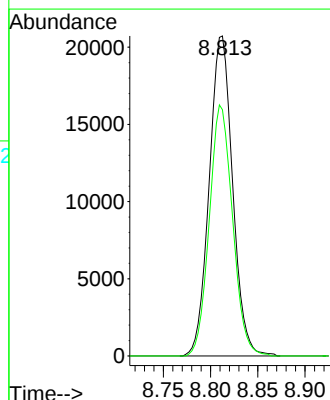
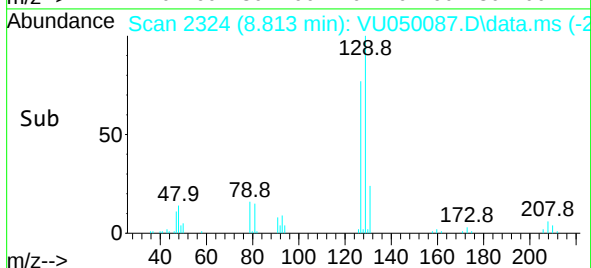
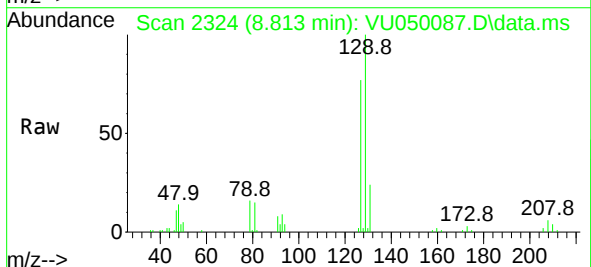


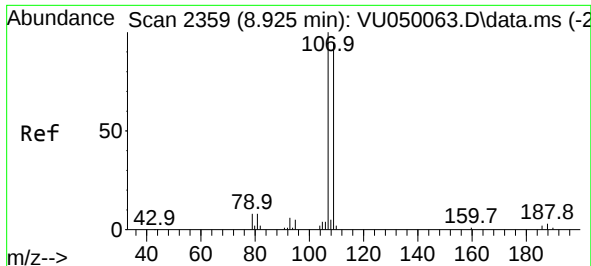
Tgt Ion: 43 Resp: 205095
Ion Ratio Lower Upper
43 100
58 63.4 50.6 76.0
57 20.9 16.0 24.0
100 12.2 9.8 14.8



#49
Dibromochloromethane
Concen: 5.202 ug/L
RT: 8.813 min Scan# 2324
Delta R.T. 0.003 min
Lab File: VU050087.D
Acq: 05 Aug 2022 09:42

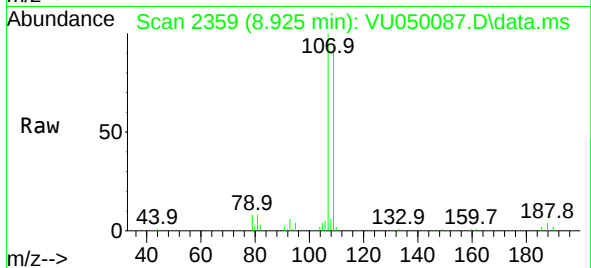
Tgt Ion: 129 Resp: 35692
Ion Ratio Lower Upper
129 100
127 77.0 55.3 102.7



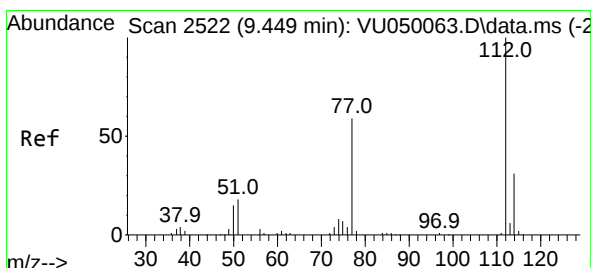
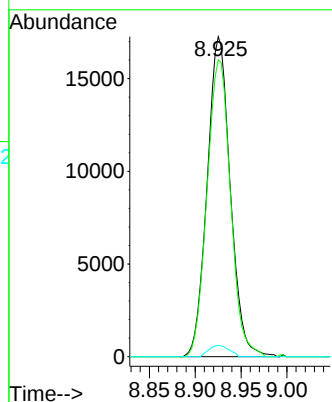
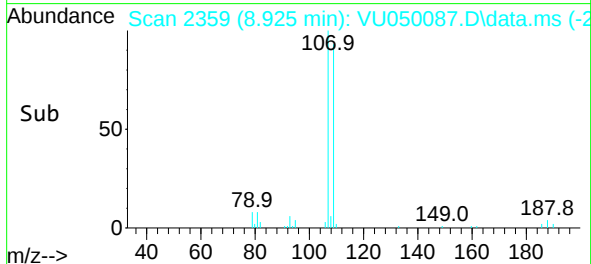


#50
1,2-Dibromoethane
Concen: 5.393 ug/L
RT: 8.925 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU050087.D
Acq: 05 Aug 2022 09:42

Instrument :
MSVOA_U
ClientSampleId :

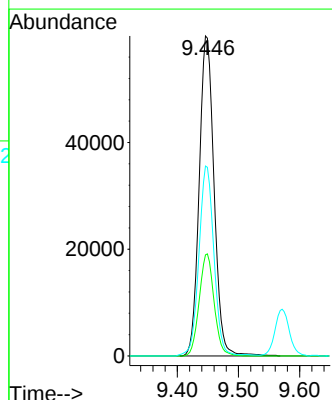
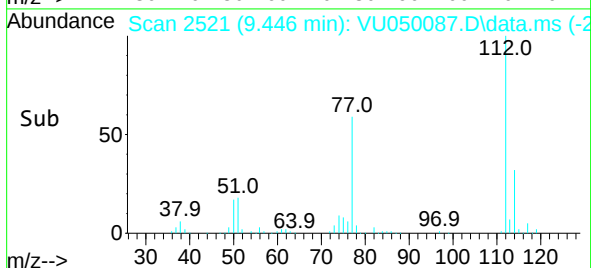
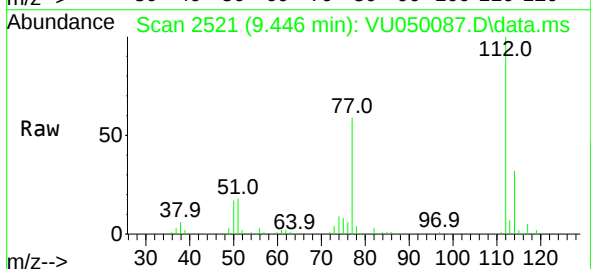


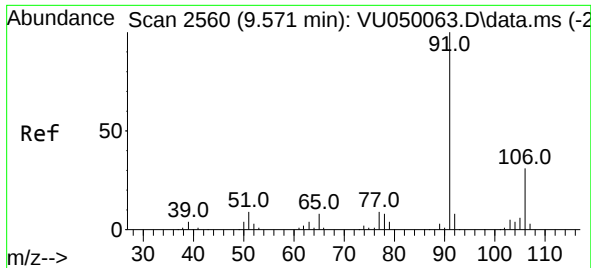
Tgt Ion:107 Resp: 30310
Ion Ratio Lower Upper
107 100
109 92.8 66.6 123.6
188 3.5 2.7 4.1



#51
Chlorobenzene
Concen: 5.157 ug/L
RT: 9.446 min Scan# 2521
Delta R.T. -0.003 min
Lab File: VU050087.D
Acq: 05 Aug 2022 09:42

Tgt Ion:112 Resp: 101307
Ion Ratio Lower Upper
112 100
114 31.6 22.1 41.1
77 59.3 46.3 69.5

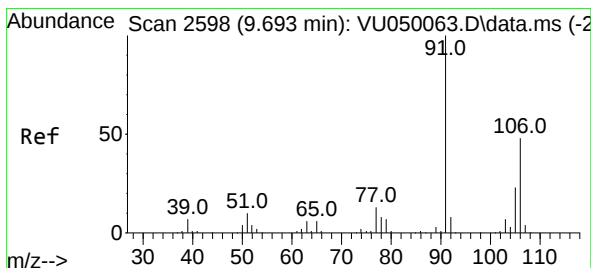
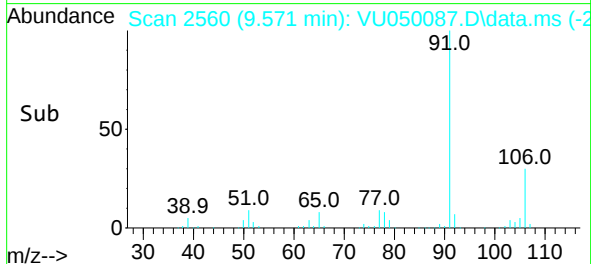
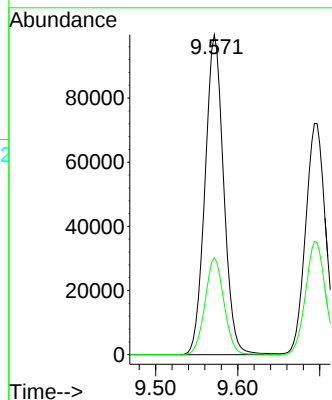
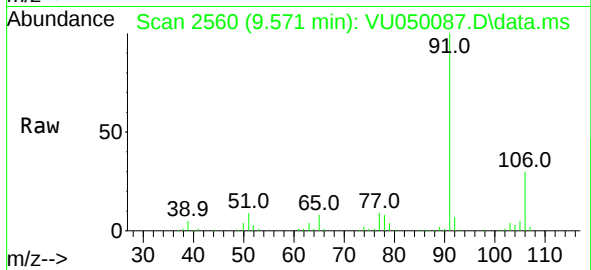




#52
Ethylbenzene
Concen: 5.171 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. 0.000 min
Lab File: VU050087.D
Acq: 05 Aug 2022 09:42

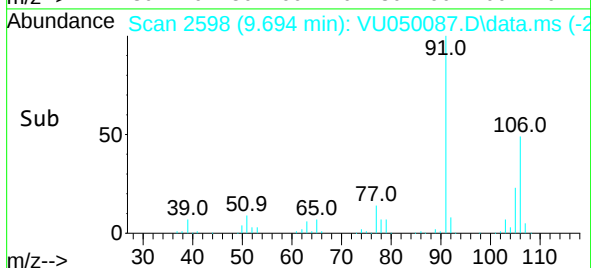
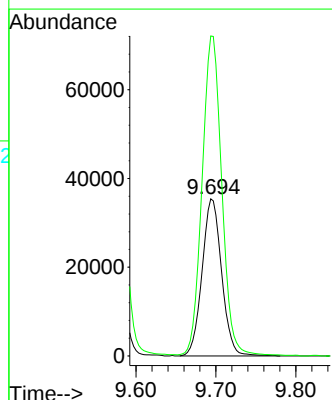
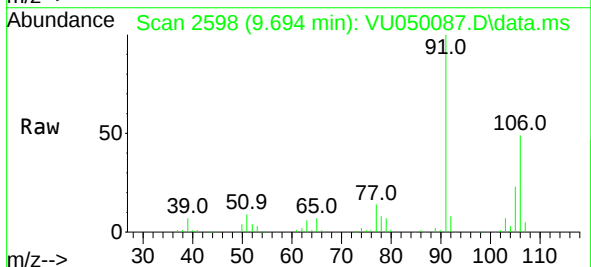
Instrument :
MSVOA_U
ClientSampleId :

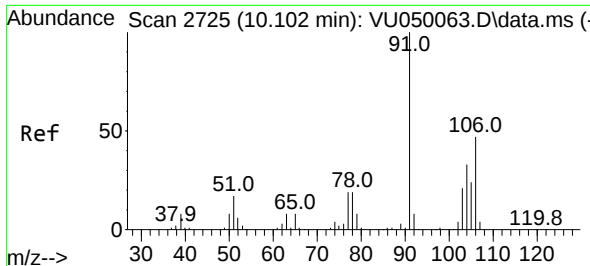
Tgt Ion: 91 Resp: 157551
Ion Ratio Lower Upper
91 100
106 30.3 21.3 39.5



#53
m,p-Xylene
Concen: 5.370 ug/L
RT: 9.694 min Scan# 2598
Delta R.T. 0.000 min
Lab File: VU050087.D
Acq: 05 Aug 2022 09:42

Tgt Ion: 106 Resp: 60258
Ion Ratio Lower Upper
106 100
91 203.8 143.1 265.9

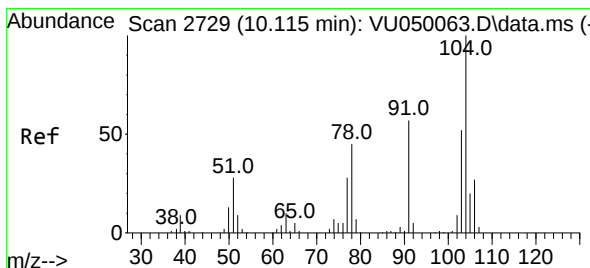
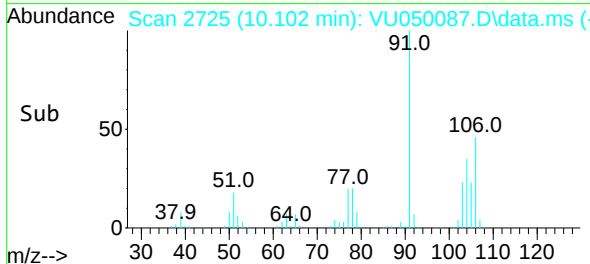
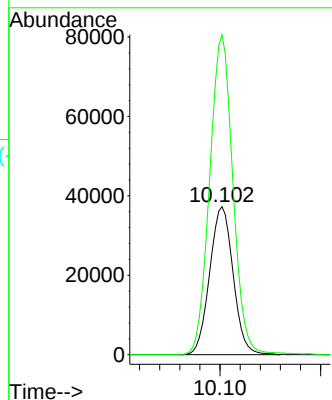
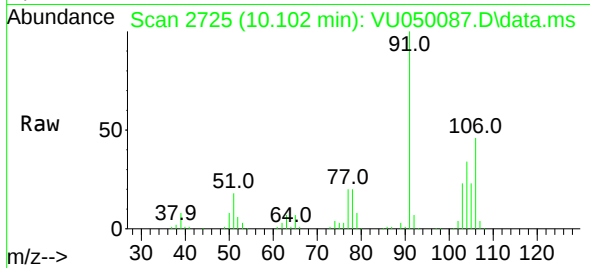




#54
o-Xylene
Concen: 5.384 ug/L
RT: 10.102 min Scan# 2725
Delta R.T. 0.000 min
Lab File: VU050087.D
Acq: 05 Aug 2022 09:42

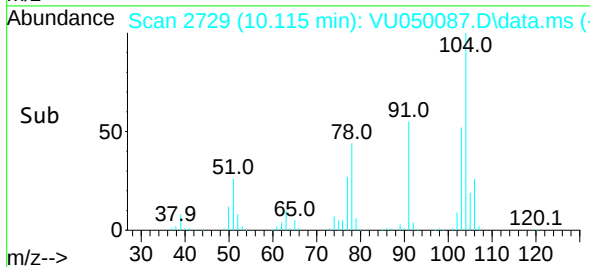
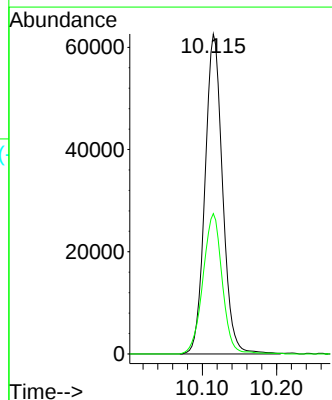
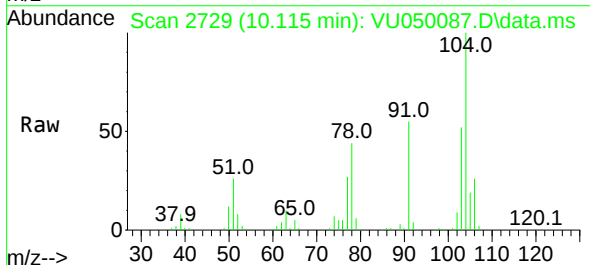
Instrument :
MSVOA_U
ClientSampleId :

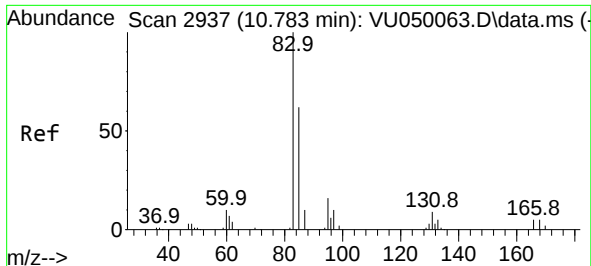
Tgt Ion:106 Resp: 60297
Ion Ratio Lower Upper
106 100
91 216.2 149.4 277.4



#55
Styrene
Concen: 5.498 ug/L
RT: 10.115 min Scan# 2729
Delta R.T. 0.000 min
Lab File: VU050087.D
Acq: 05 Aug 2022 09:42

Tgt Ion:104 Resp: 102870
Ion Ratio Lower Upper
104 100
78 43.8 31.9 59.3

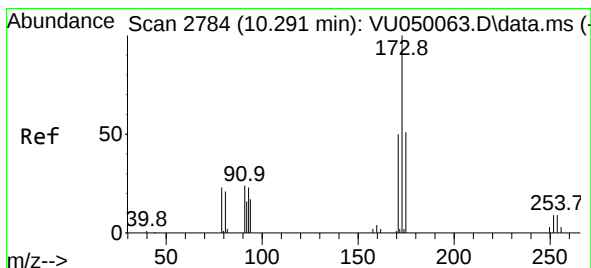
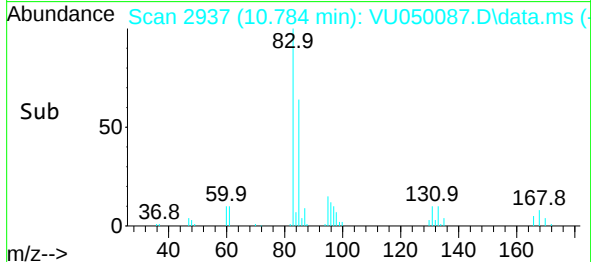
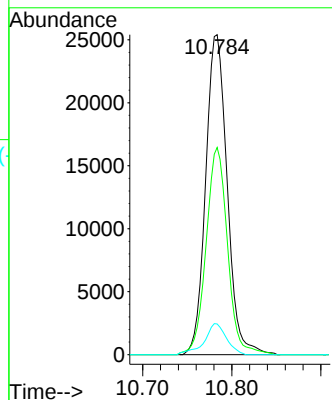
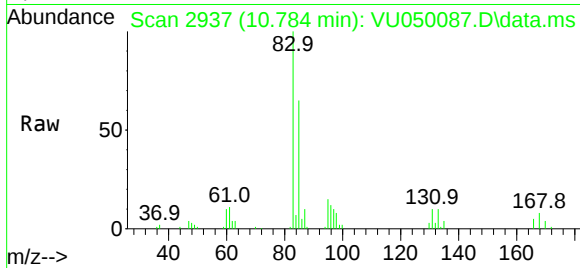




#57
1,1,2,2-Tetrachloroethane
Concen: 5.238 ug/L
RT: 10.784 min Scan# 2937
Delta R.T. 0.000 min
Lab File: VU050087.D
Acq: 05 Aug 2022 09:42

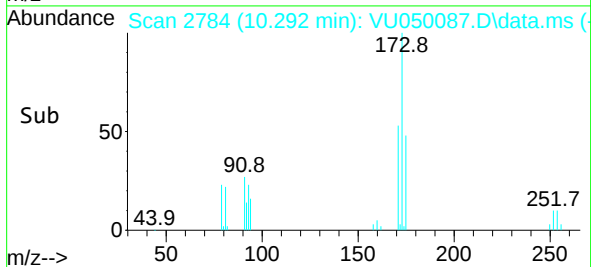
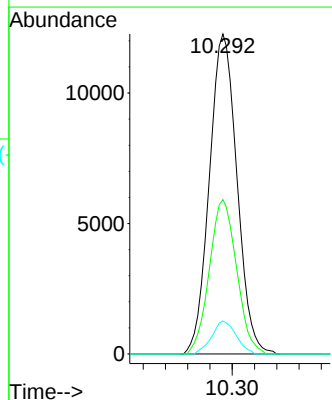
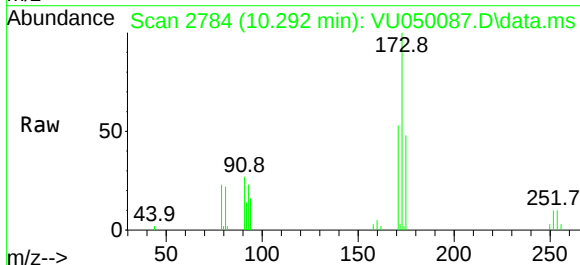
Instrument :
MSVOA_U
ClientSampleId :

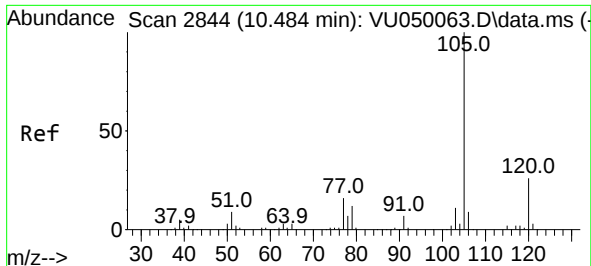
Tgt Ion: 83 Resp: 42670
Ion Ratio Lower Upper
83 100
85 64.8 45.2 84.0
131 9.6 6.6 9.8



#59
Bromoform
Concen: 4.940 ug/L
RT: 10.292 min Scan# 2784
Delta R.T. 0.000 min
Lab File: VU050087.D
Acq: 05 Aug 2022 09:42

Tgt Ion:173 Resp: 21052
Ion Ratio Lower Upper
173 100
175 47.6 37.0 55.6
254 9.1 7.4 11.0

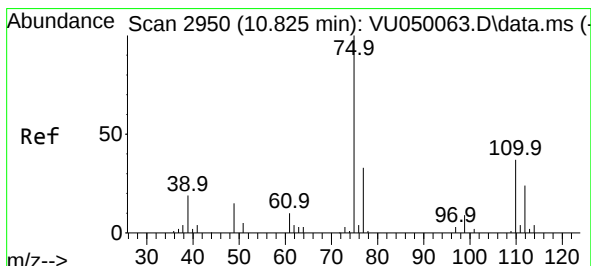
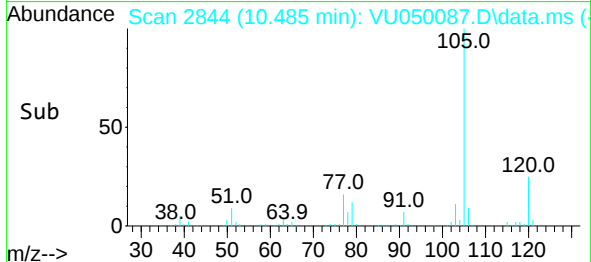
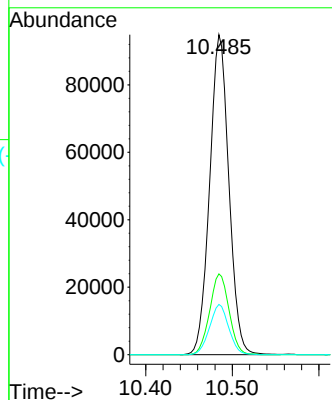
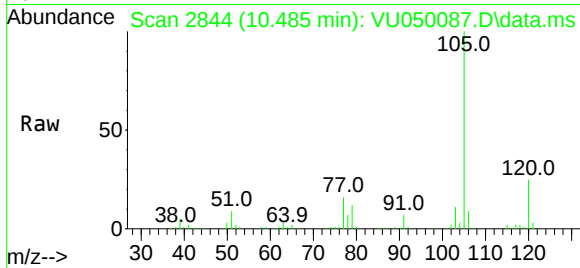




#60
Isopropylbenzene
Concen: 5.144 ug/L
RT: 10.485 min Scan# 2844
Delta R.T. 0.000 min
Lab File: VU050087.D
Acq: 05 Aug 2022 09:42

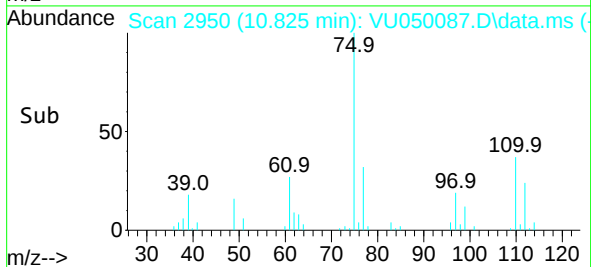
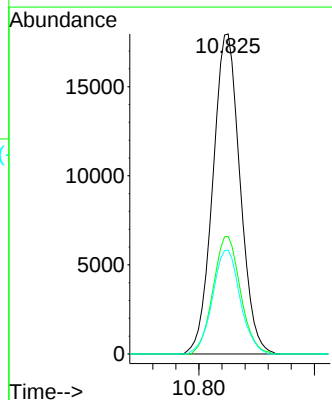
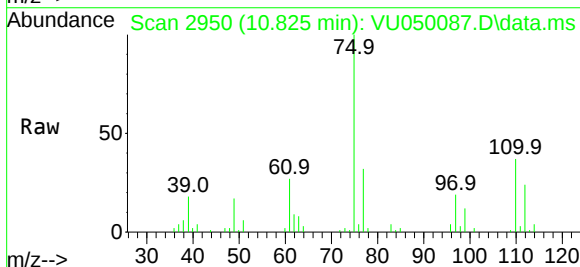
Instrument :
MSVOA_U
ClientSampleId :

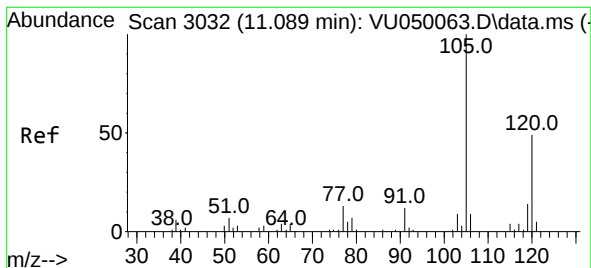
Tgt Ion:105 Resp: 145984
Ion Ratio Lower Upper
105 100
120 25.5 20.8 31.2
77 15.7 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 5.073 ug/L
RT: 10.825 min Scan# 2950
Delta R.T. 0.000 min
Lab File: VU050087.D
Acq: 05 Aug 2022 09:42

Tgt Ion: 75 Resp: 29365
Ion Ratio Lower Upper
75 100
110 36.8 28.5 42.7
77 33.0 25.8 38.6





#62

1,3,5-Trimethylbenzene

Concen: 4.932 ug/L

RT: 11.089 min Scan# 3032

Delta R.T. 0.000 min

Lab File: VU050087.D

Acq: 05 Aug 2022 09:42

Instrument :

MSVOA_U

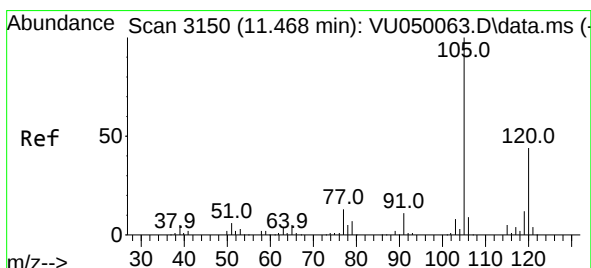
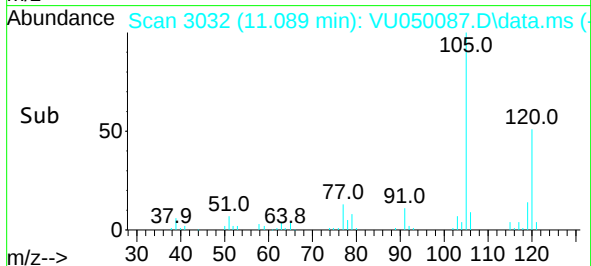
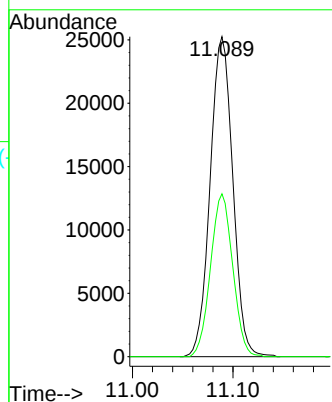
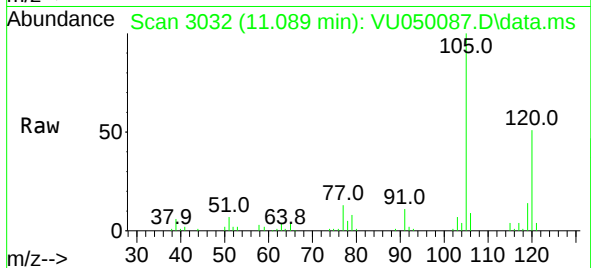
ClientSampleId :

Tgt Ion:105 Resp: 39544

Ion Ratio Lower Upper

105 100

120 49.8 38.9 58.3



#63

1,2,4-Trimethylbenzene

Concen: 5.077 ug/L

RT: 11.468 min Scan# 3150

Delta R.T. 0.000 min

Lab File: VU050087.D

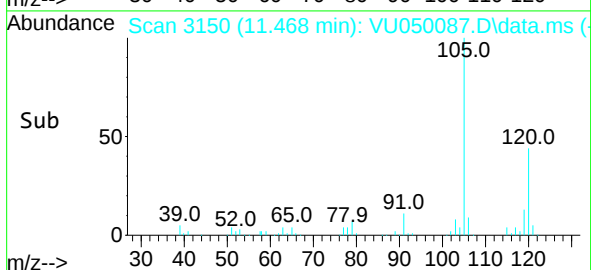
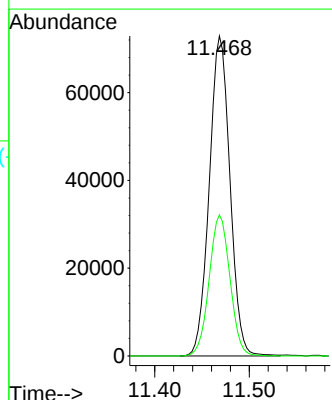
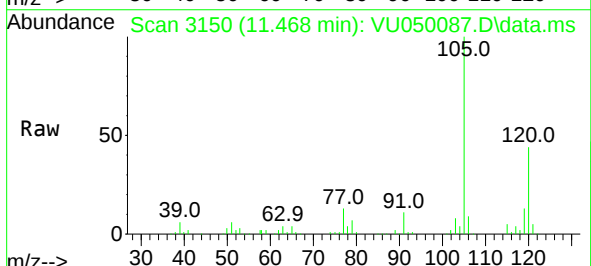
Acq: 05 Aug 2022 09:42

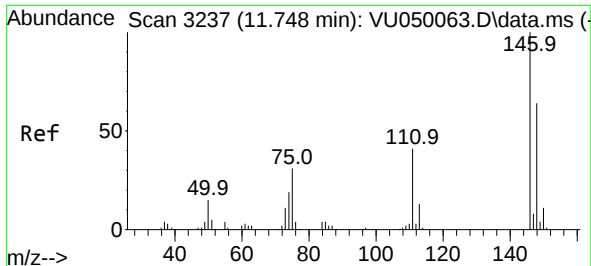
Tgt Ion:105 Resp: 110896

Ion Ratio Lower Upper

105 100

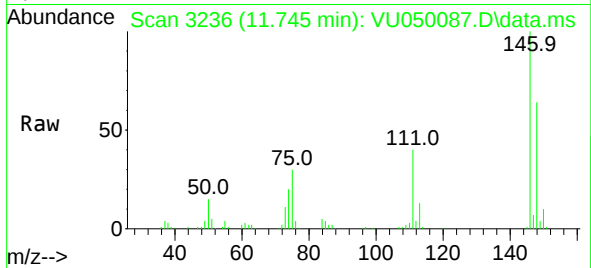
120 44.2 35.9 53.9



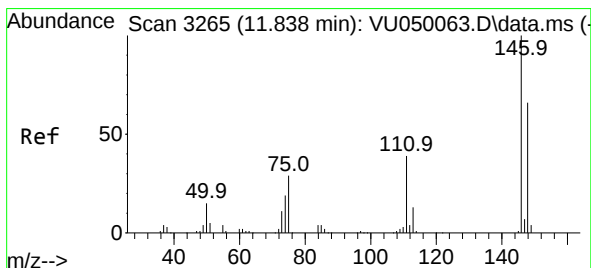
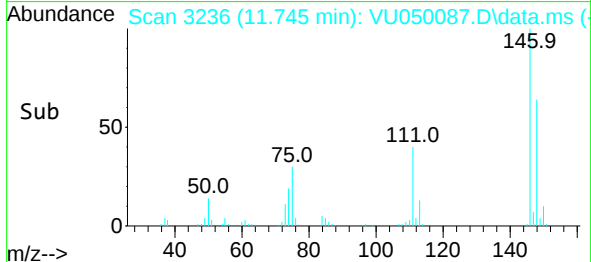
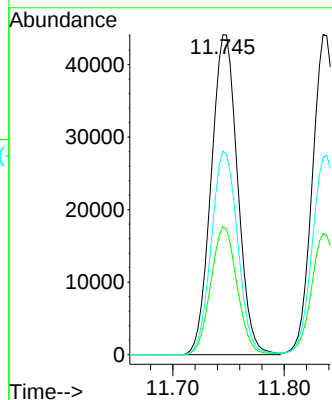


#64
 1,3-Dichlorobenzene
 Concen: 5.083 ug/L
 RT: 11.745 min Scan# 31
 Delta R.T. -0.003 min
 Lab File: VU050087.D
 Acq: 05 Aug 2022 09:42

Instrument :
 MSVOA_U
 ClientSampleId :

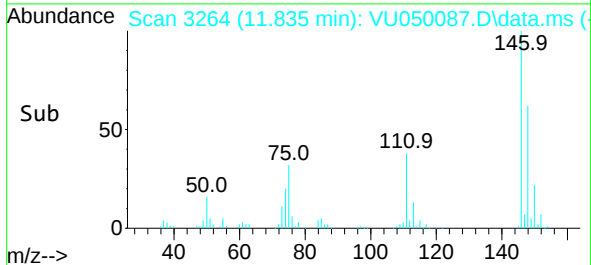
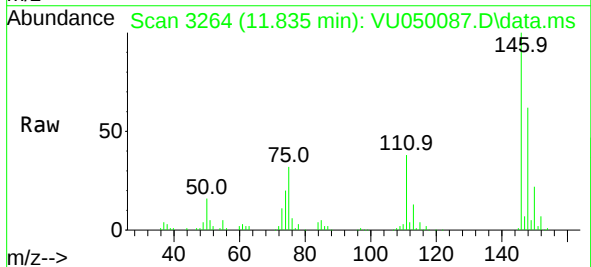
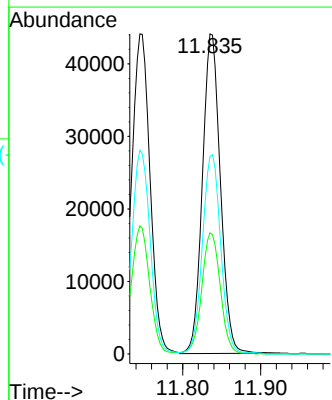


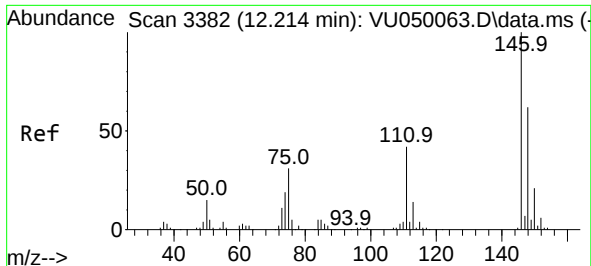
Tgt Ion:146 Resp: 72707
 Ion Ratio Lower Upper
 146 100
 111 40.1 29.9 55.5
 148 63.6 45.8 85.2



#65
 1,4-Dichlorobenzene
 Concen: 5.067 ug/L
 RT: 11.835 min Scan# 3264
 Delta R.T. -0.003 min
 Lab File: VU050087.D
 Acq: 05 Aug 2022 09:42

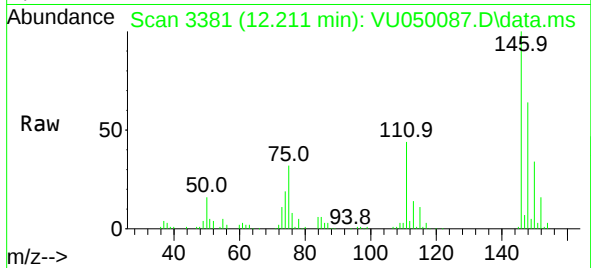
Tgt Ion:146 Resp: 70520
 Ion Ratio Lower Upper
 146 100
 111 37.9 28.1 52.1
 148 61.7 44.6 82.8



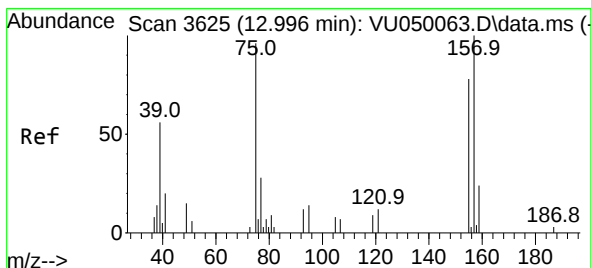
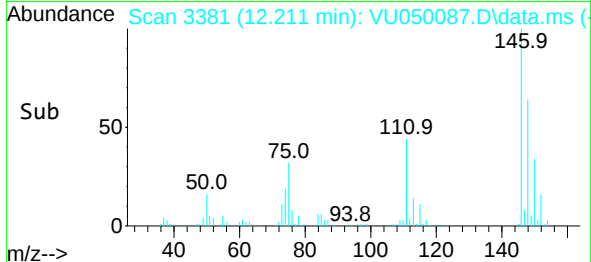
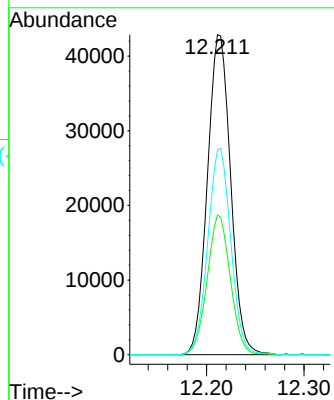


#67
1,2-Dichlorobenzene
Concen: 5.120 ug/L
RT: 12.211 min Scan# 311
Delta R.T. -0.003 min
Lab File: VU050087.D
Acq: 05 Aug 2022 09:42

Instrument :
MSVOA_U
ClientSampleId :

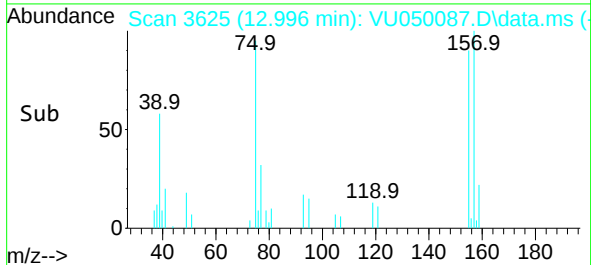
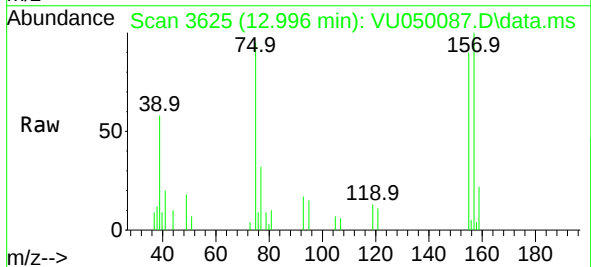
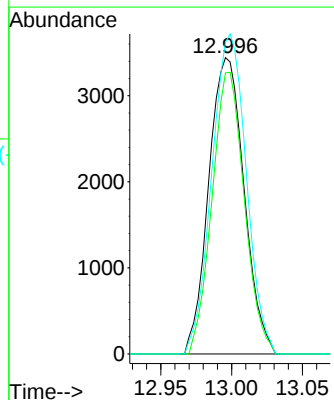


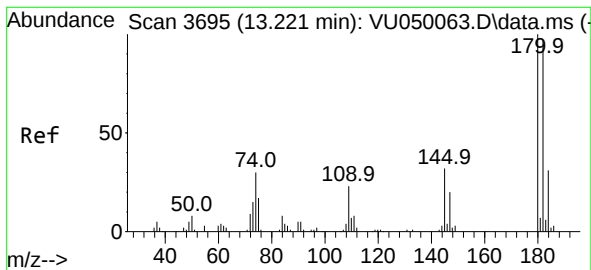
Tgt Ion:146 Resp: 70927
Ion Ratio Lower Upper
146 100
111 43.6 32.9 49.3
148 64.0 50.4 75.6



#68
1,2-Dibromo-3-chloropropane
Concen: 5.257 ug/L
RT: 12.996 min Scan# 3625
Delta R.T. 0.000 min
Lab File: VU050087.D
Acq: 05 Aug 2022 09:42

Tgt Ion: 75 Resp: 5967
Ion Ratio Lower Upper
75 100
155 94.9 63.5 95.3
157 105.1 85.0 127.6





#69

1,3,5-Trichlorobenzene

Concen: 4.959 ug/L

RT: 13.221 min Scan# 3695

Delta R.T. 0.000 min

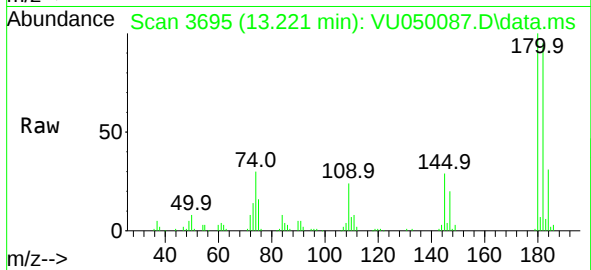
Lab File: VU050087.D

Acq: 05 Aug 2022 09:42

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 50529

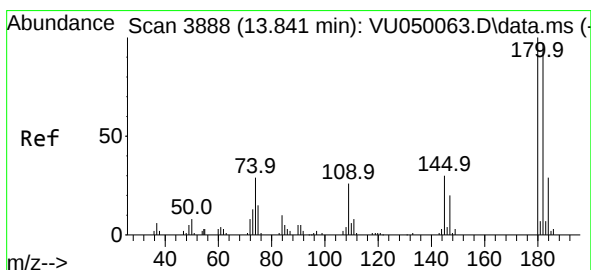
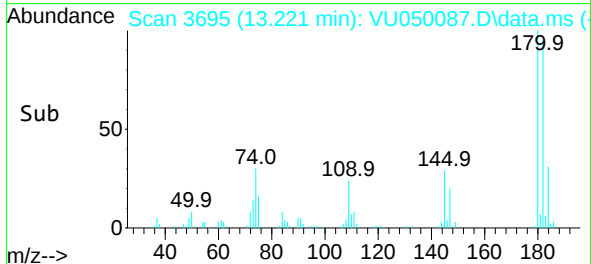
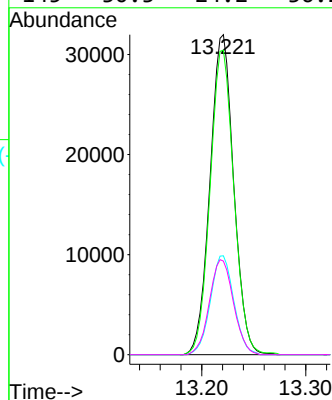
Ion Ratio Lower Upper

180 100

182 95.6 77.3 115.9

184 30.7 24.1 36.1

145 30.3 24.2 36.2



#70

1,2,4-trichlorobenzene

Concen: 5.233 ug/L

RT: 13.841 min Scan# 3888

Delta R.T. 0.000 min

Lab File: VU050087.D

Acq: 05 Aug 2022 09:42

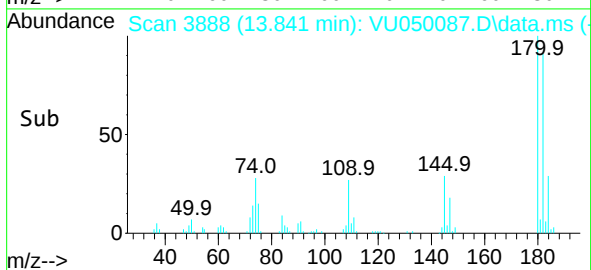
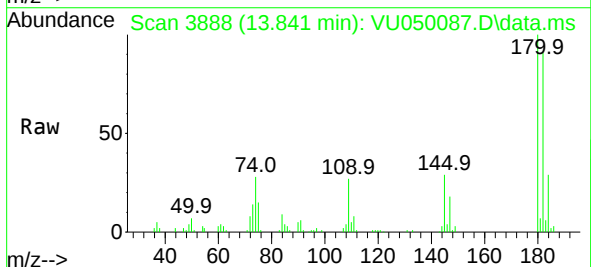
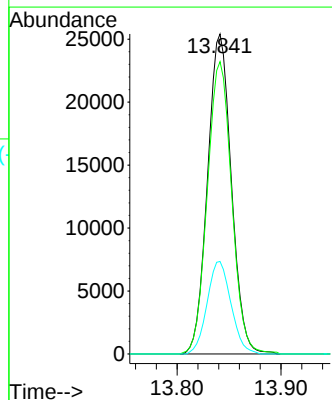
Tgt Ion:180 Resp: 40403

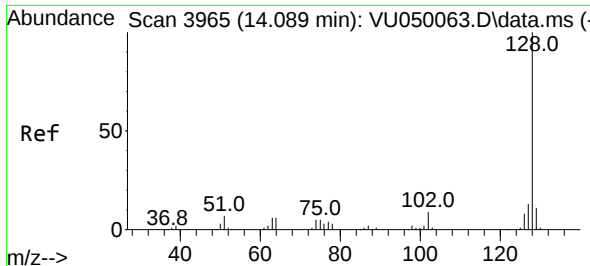
Ion Ratio Lower Upper

180 100

182 93.7 76.9 115.3

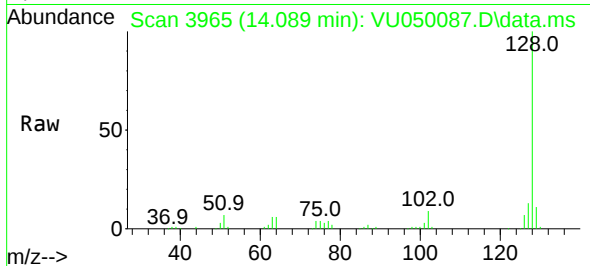
145 29.0 24.2 36.4



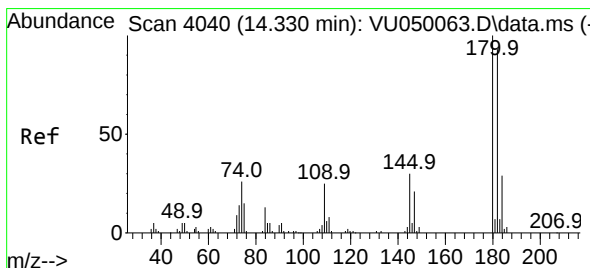
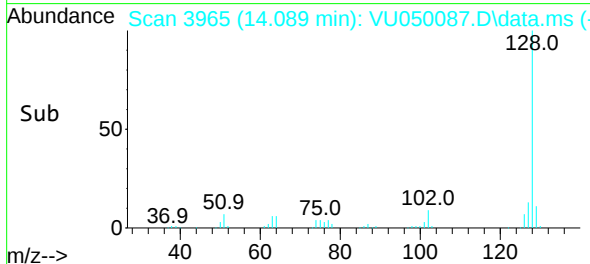
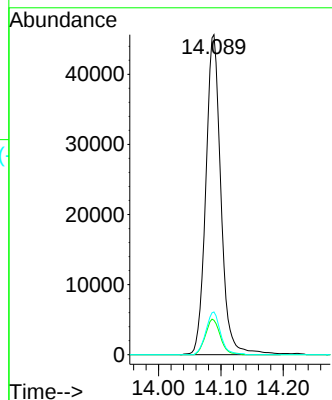


#71
Naphthalene
Concen: 4.859 ug/L
RT: 14.089 min Scan# 3965
Delta R.T. 0.000 min
Lab File: VU050087.D
Acq: 05 Aug 2022 09:42

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 76927
Ion Ratio Lower Upper
128 100
129 10.9 8.6 12.8
127 13.0 10.6 16.0



#72
1,2,3-Trichlorobenzene
Concen: 5.147 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. 0.000 min
Lab File: VU050087.D
Acq: 05 Aug 2022 09:42

Tgt Ion:180 Resp: 40280
Ion Ratio Lower Upper
180 100
182 95.0 77.5 116.3
145 32.6 25.8 38.6

