

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112122\
 Data File : VU051998.D
 Acq On : 21 Nov 2022 15:33
 Operator : JC/MD
 Sample : VSTD10058
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 22 00:39:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112122WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Nov 22 00:38:01 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	470957	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	469901	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	254785	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	398178	103.079	ug/L	0.00
7) Chloroethane-d5	1.900	69	327937	103.577	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.565	63	594029	93.028	ug/L	0.00
21) 2-Butanone-d5	4.616	46	534995	204.464	ug/L	0.00
24) Chloroform-d	5.060	84	682226	98.800	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.697	65	407749	95.920	ug/L	0.00
32) Benzene-d6	5.723	84	1452120	111.025	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.687	67	459035	107.452	ug/L	0.00
41) Toluene-d8	7.893	98	1343308	113.703	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.176	79	204250	113.338	ug/L	0.00
47) 2-Hexanone-d5	8.629	63	420520	229.803	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.751	84	742852	102.256	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.188	152	516192	106.038	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	237606	61.533	ug/L	99
3) Chloromethane	1.527	50	332726	65.761	ug/L	100
5) Vinyl chloride	1.604	62	348825	69.554	ug/L	98
6) Bromomethane	1.835	94	187433	72.032	ug/L	99
8) Chloroethane	1.922	64	230465	76.051	ug/L	100
9) Trichlorofluoromethane	2.131	101	419128	72.202	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	274976	76.611	ug/L	99
12) 1,1-Dichloroethene	2.578	96	259911	76.443	ug/L	95
13) Acetone	2.623	43	475260	165.345	ug/L	100
14) Carbon disulfide	2.790	76	663723	62.210	ug/L	99
15) Methyl Acetate	2.945	43	357842	81.168	ug/L	100
16) Methylene chloride	3.044	84	374480	82.620	ug/L	99
17) trans-1,2-Dichloroethene	3.350	96	285865	81.395	ug/L	99
18) Methyl tert-butyl Ether	3.359	73	980660	95.585	ug/L	100
19) 1,1-Dichloroethane	3.864	63	585372	83.779	ug/L	99
20) cis-1,2-Dichloroethene	4.661	96	358605	91.897	ug/L	97
22) 2-Butanone	4.694	43	608901	179.823	ug/L	99
23) Bromochloromethane	4.970	128	184590	84.766	ug/L	98
25) Chloroform	5.083	83	607923	84.302	ug/L	98
27) 1,2-Dichloroethane	5.790	62	452167	81.602	ug/L	100
29) Cyclohexane	5.385	56	429069	89.260	ug/L	99
30) 1,1,1-Trichloroethane	5.314	97	453882	82.421	ug/L	99
31) Carbon tetrachloride	5.523	117	368774	79.779	ug/L	99
33) Benzene	5.771	78	1383300	90.688	ug/L	100
34) Trichloroethene	6.539	95	317624	86.580	ug/L	99
35) Methylcyclohexane	6.758	83	469126	90.626	ug/L	99
37) 1,2-Dichloropropane	6.787	63	380196	90.596	ug/L	100
38) Bromodichloromethane	7.102	83	472045	88.374	ug/L	98
39) cis-1,3-Dichloropropene	7.603	75	556137	100.011	ug/L	100
40) 4-Methyl-2-pentanone	7.787	43	1073797	193.678	ug/L	99
42) Toluene	7.967	91	1489689	95.201	ug/L	98
44) trans-1,3-Dichloropropene	8.205	75	520627	97.163	ug/L	99

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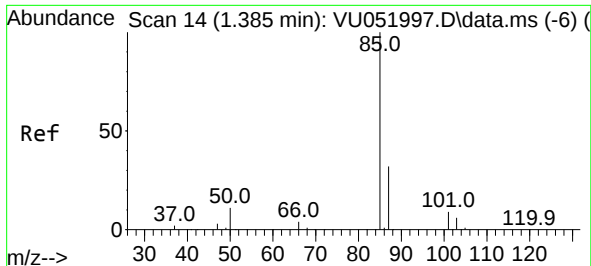
Quant Time: Nov 22 00:39:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112122WMA.M
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.394	97	380595	90.829	ug/L	98
46) Tetrachloroethene	8.549	164	239436	87.950	ug/L	99
48) 2-Hexanone	8.681	43	914612	195.677	ug/L	99
49) Dibromochloromethane	8.806	129	392029	91.266	ug/L	99
50) 1,2-Dibromoethane	8.919	107	387366	90.223	ug/L	97
51) Chlorobenzene	9.443	112	958239	93.011	ug/L	100
52) Ethylbenzene	9.565	91	1580416	99.966	ug/L	99
53) m,p-Xylene	9.690	106	623268	102.604	ug/L	99
54) o-Xylene	10.095	106	630992	103.695	ug/L	98
55) Styrene	10.111	104	1115566	106.661	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.777	83	717508	90.248	ug/L	100
59) Bromoform	10.288	173	306030	85.783	ug/L	98
60) 1,2,3-Trichloropropane	10.819	75	540544	82.240	ug/L	100
61) Isopropylbenzene	10.481	105	1574745	97.359	ug/L	100
62) 1,3,5-Trimethylbenzene	11.086	105	1349173	99.505	ug/L	100
63) 1,2,4-Trimethylbenzene	11.465	105	1346670	101.406	ug/L	100
64) 1,3-Dichlorobenzene	11.742	146	762276	93.330	ug/L	100
65) 1,4-Dichlorobenzene	11.832	146	759724	90.789	ug/L	99
67) 1,2-Dichlorobenzene	12.208	146	788149	92.327	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.992	75	138369	78.686	ug/L	95
69) 1,3,5-Trichlorobenzene	13.214	180	528923	96.997	ug/L	98
70) 1,2,4-trichlorobenzene	13.835	180	448554	105.741	ug/L	99
71) Naphthalene	14.082	128	1565614	114.344	ug/L	99
72) 1,2,3-Trichlorobenzene	14.323	180	480928	106.145	ug/L	100

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

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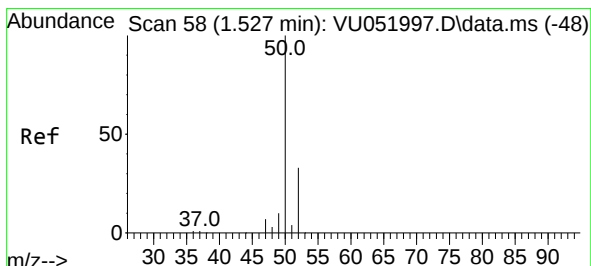
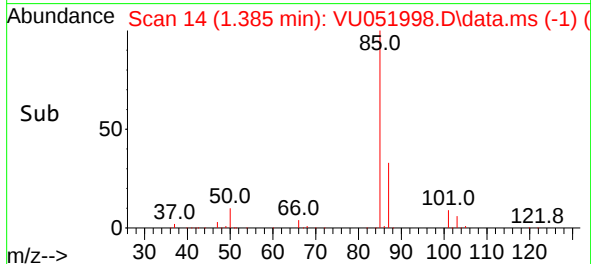
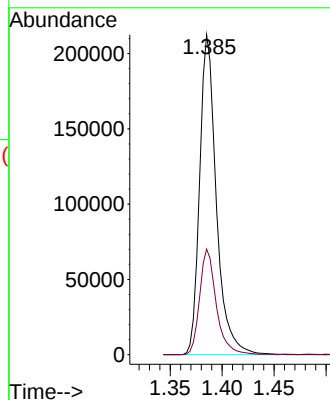
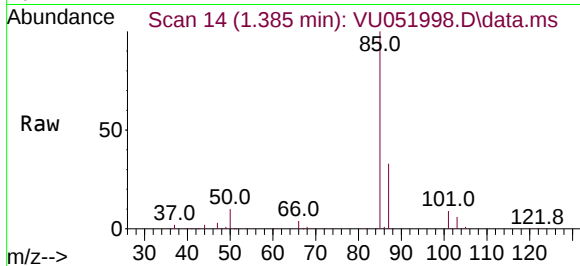




#2
Dichlorodifluoromethane
Concen: 61.533 ug/L
RT: 1.385 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU051998.D
Acq: 21 Nov 2022 15:33

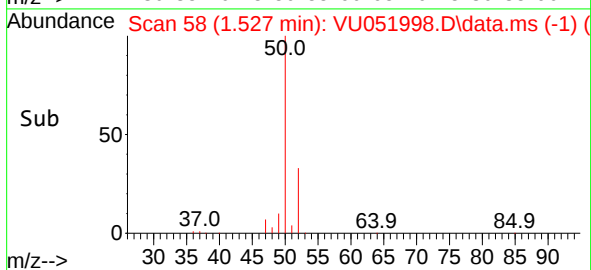
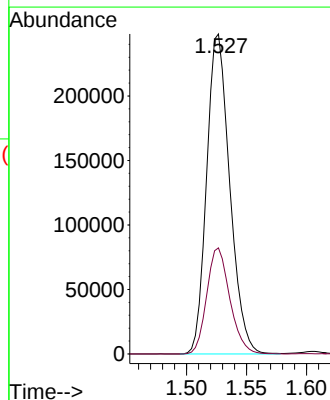
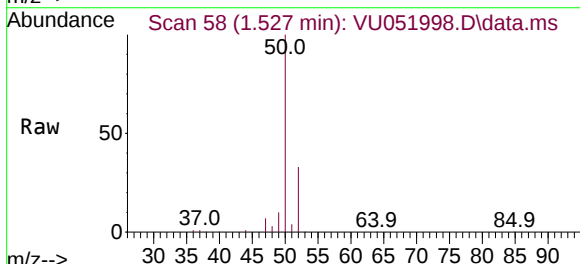
Instrument :
MSVOA_U
ClientSampleId :

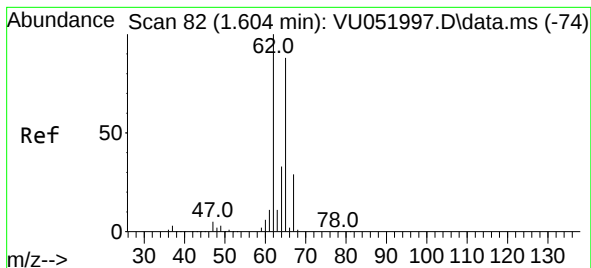
Tgt Ion: 85 Resp: 237606
Ion Ratio Lower Upper
85 100
87 33.0 25.9 38.9



#3
Chloromethane
Concen: 65.761 ug/L
RT: 1.527 min Scan# 58
Delta R.T. -0.000 min
Lab File: VU051998.D
Acq: 21 Nov 2022 15:33

Tgt Ion: 50 Resp: 332726
Ion Ratio Lower Upper
50 100
52 33.1 23.1 42.9





#5

Vinyl chloride

Concen: 69.554 ug/L

RT: 1.604 min Scan# 81

Delta R.T. -0.000 min

Lab File: VU051998.D

Acq: 21 Nov 2022 15:33

Instrument :

MSVOA_U

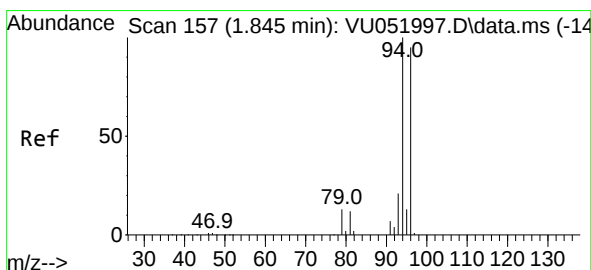
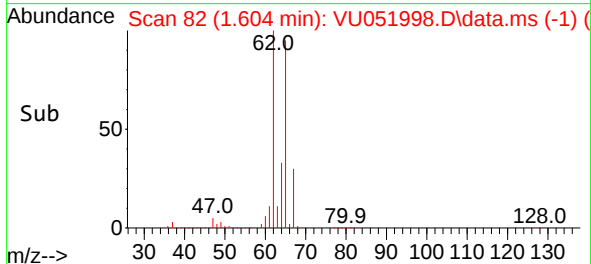
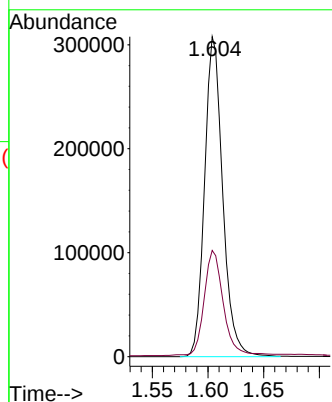
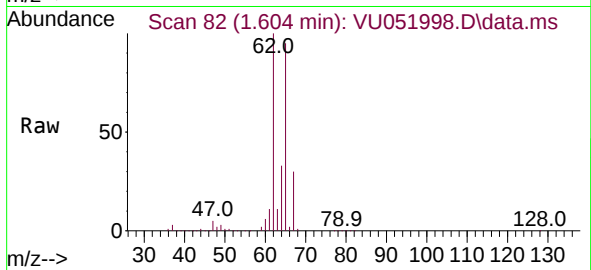
ClientSampleId :

Tgt Ion: 62 Resp: 348825

Ion Ratio Lower Upper

62 100

64 33.2 23.9 44.3



#6

Bromomethane

Concen: 72.032 ug/L

RT: 1.835 min Scan# 154

Delta R.T. -0.010 min

Lab File: VU051998.D

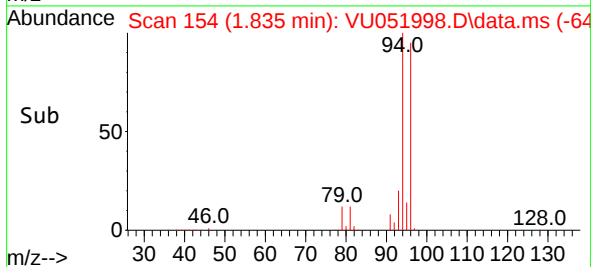
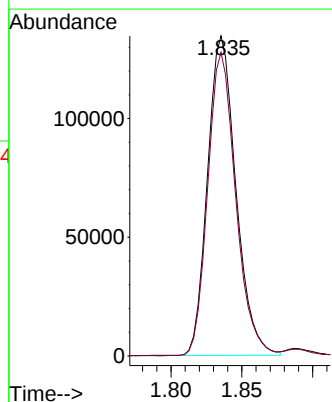
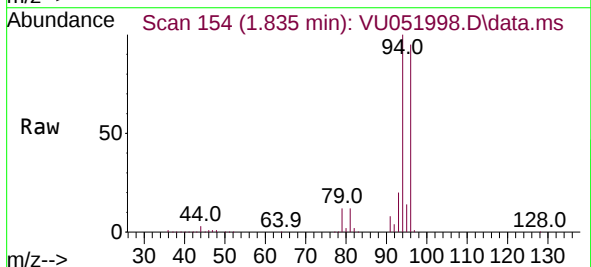
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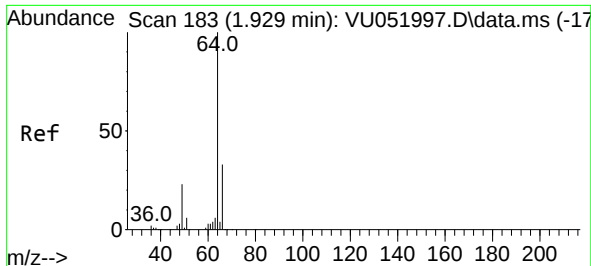
Tgt Ion: 94 Resp: 187433

Ion Ratio Lower Upper

94 100

96 94.8 66.8 124.0

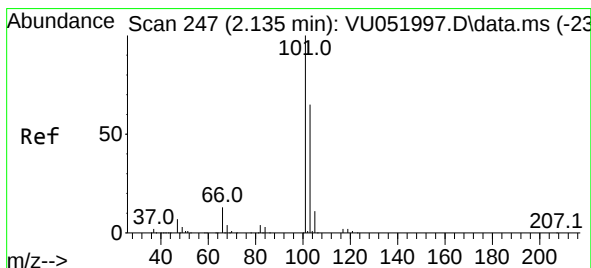
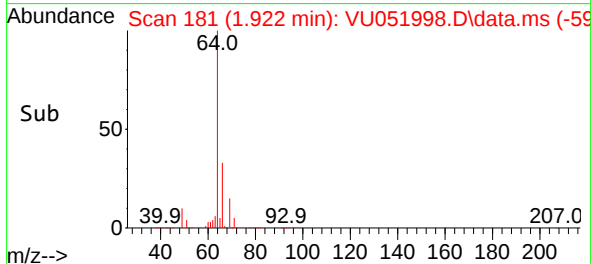
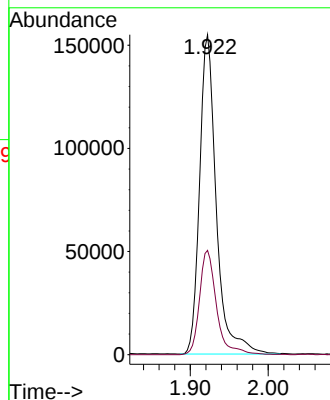
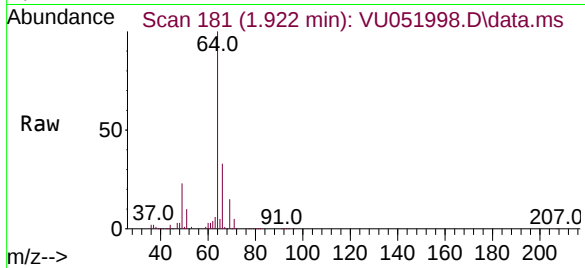




#8
Chloroethane
Concen: 76.051 ug/L
RT: 1.922 min Scan# 11
Delta R.T. -0.007 min
Lab File: VU051998.D
Acq: 21 Nov 2022 15:33

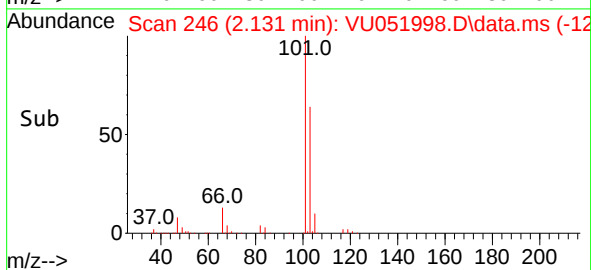
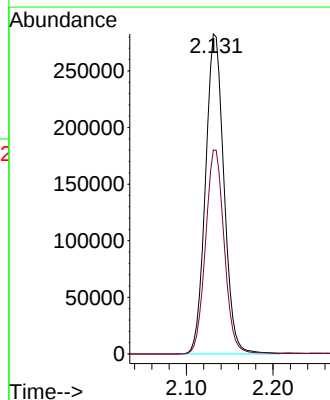
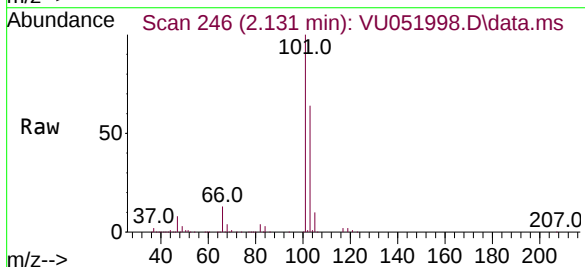
Instrument :
MSVOA_U
ClientSampleId :

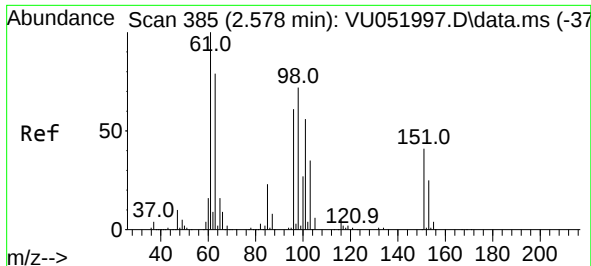
Tgt Ion: 64 Resp: 230465
Ion Ratio Lower Upper
64 100
66 32.6 22.8 42.4



#9
Trichlorofluoromethane
Concen: 72.202 ug/L
RT: 2.131 min Scan# 246
Delta R.T. -0.004 min
Lab File: VU051998.D
Acq: 21 Nov 2022 15:33

Tgt Ion:101 Resp: 419128
Ion Ratio Lower Upper
101 100
103 64.8 51.5 77.3





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 76.611 ug/L

RT: 2.578 min Scan# 385

Delta R.T. -0.000 min

Lab File: VU051998.D

Acq: 21 Nov 2022 15:33

Instrument :

MSVOA_U

ClientSampleId :

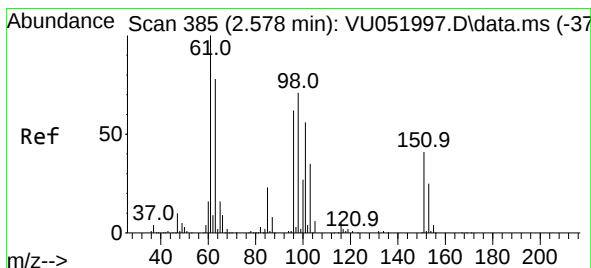
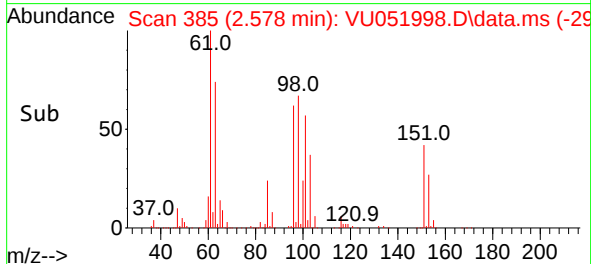
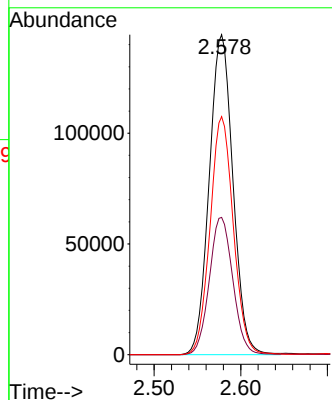
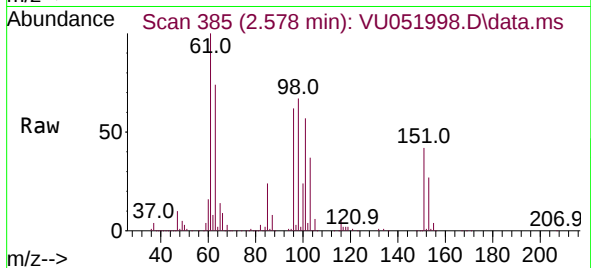
Tgt Ion:101 Resp: 274976

Ion Ratio Lower Upper

101 100

85 42.5 33.6 50.4

151 73.2 58.9 88.3



#12

1,1-Dichloroethene

Concen: 76.443 ug/L

RT: 2.578 min Scan# 385

Delta R.T. -0.000 min

Lab File: VU051998.D

Acq: 21 Nov 2022 15:33

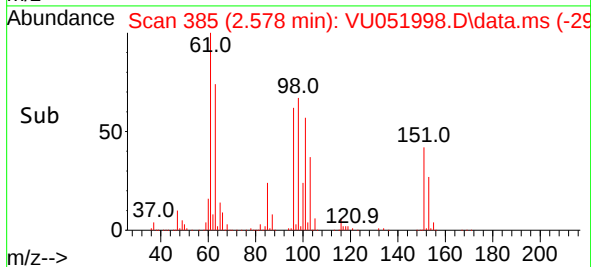
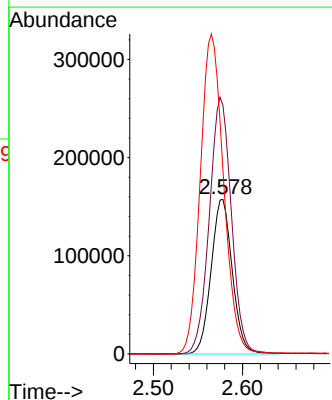
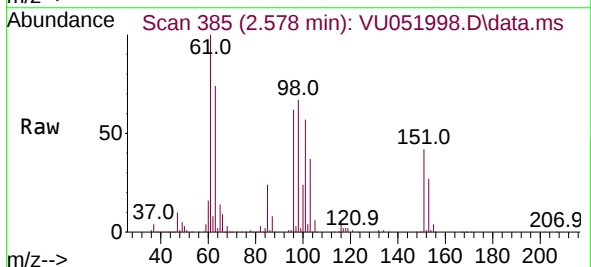
Tgt Ion: 96 Resp: 259911

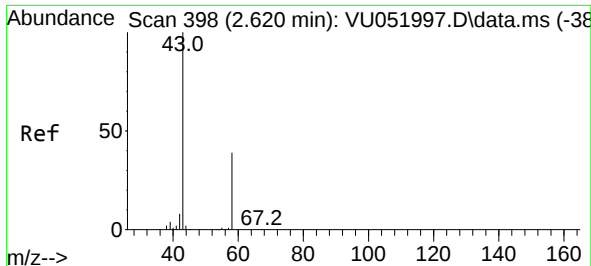
Ion Ratio Lower Upper

96 100

61 160.9 114.2 212.0

63 119.2 90.9 168.7





#13

Acetone

Concen: 165.345 ug/L

RT: 2.623 min Scan# 398

Delta R.T. 0.003 min

Lab File: VU051998.D

Acq: 21 Nov 2022 15:33

Instrument :

MSVOA_U

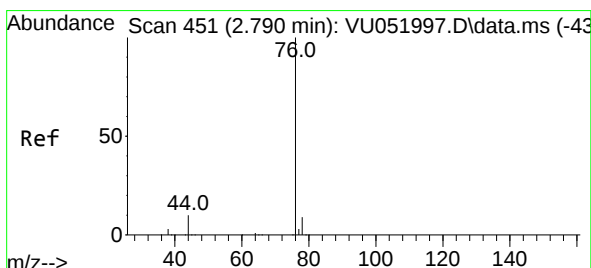
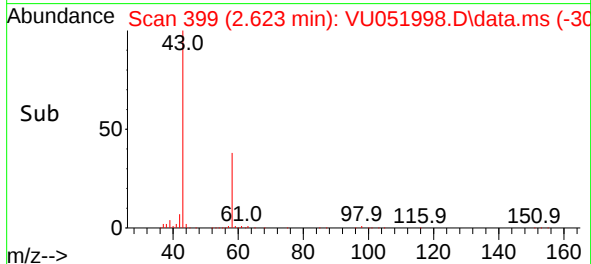
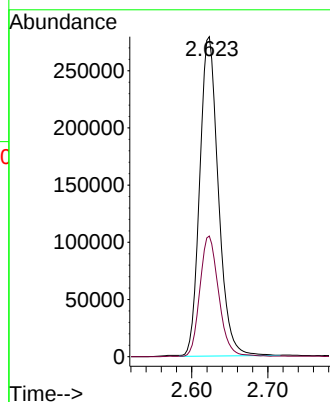
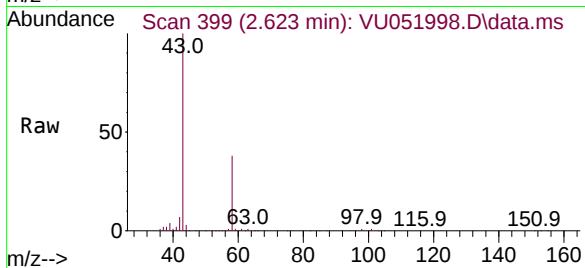
ClientSampleId :

Tgt Ion: 43 Resp: 475260

Ion Ratio Lower Upper

43 100

58 38.0 0.0 76.6



#14

Carbon disulfide

Concen: 62.210 ug/L

RT: 2.790 min Scan# 451

Delta R.T. -0.000 min

Lab File: VU051998.D

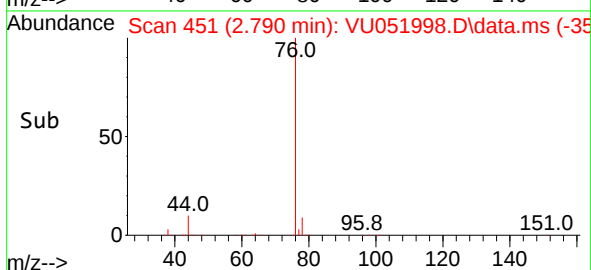
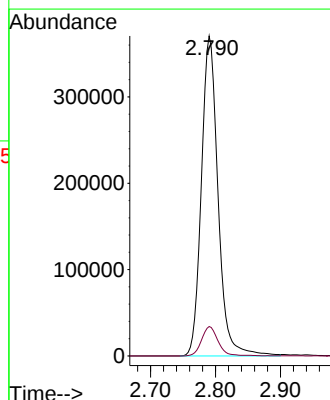
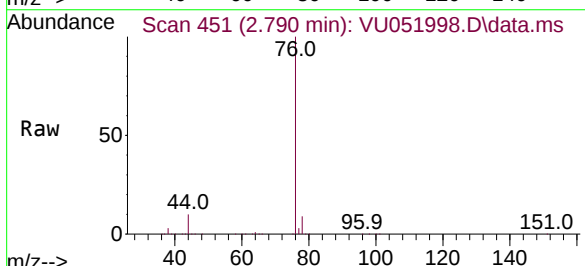
Acq: 21 Nov 2022 15:33

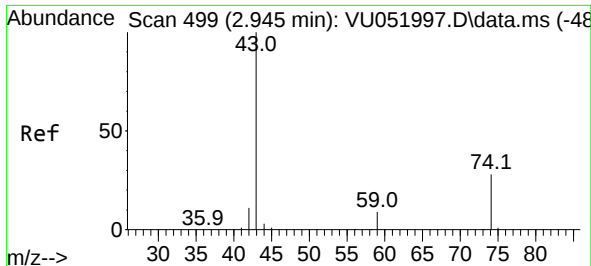
Tgt Ion: 76 Resp: 663723

Ion Ratio Lower Upper

76 100

78 9.2 7.5 11.3

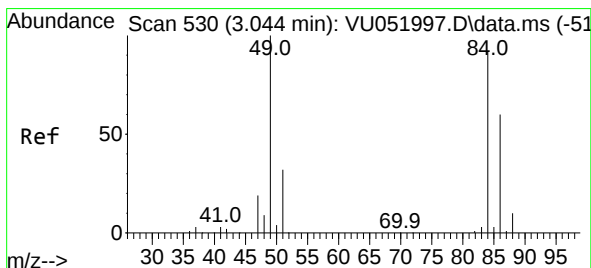
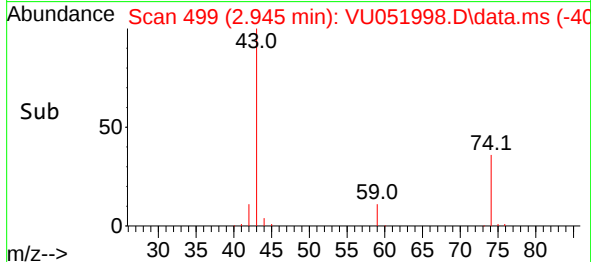
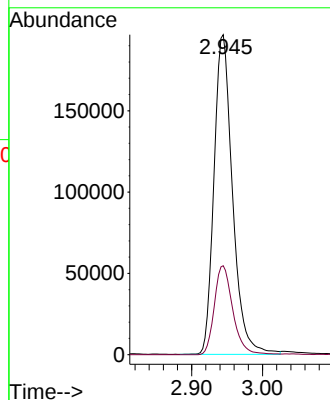
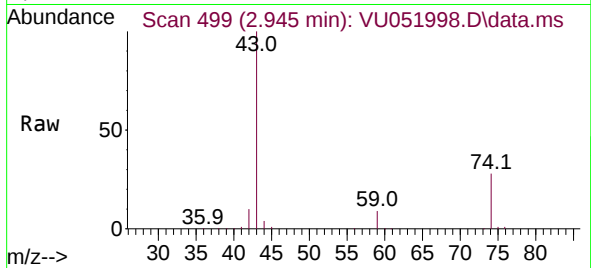




#15
Methyl Acetate
Concen: 81.168 ug/L
RT: 2.945 min Scan# 499
Delta R.T. -0.000 min
Lab File: VU051998.D
Acq: 21 Nov 2022 15:33

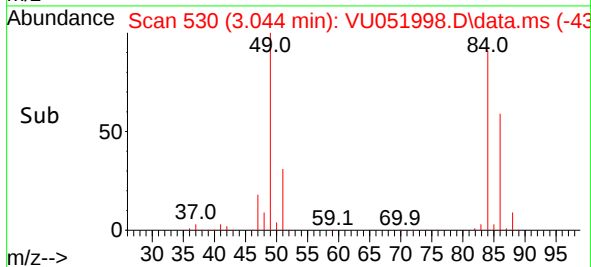
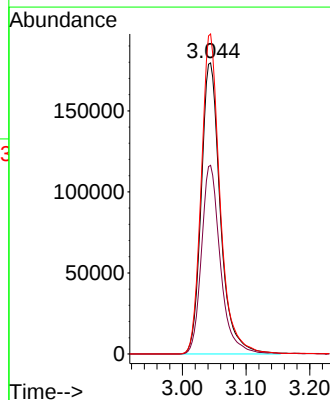
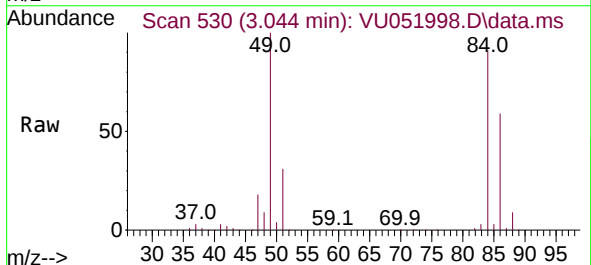
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MSVOA_U
ClientSampleId :

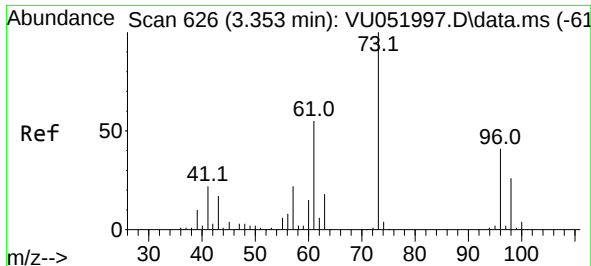
Tgt Ion: 43 Resp: 357842
Ion Ratio Lower Upper
43 100
74 27.8 22.2 33.4



#16
Methylene chloride
Concen: 82.620 ug/L
RT: 3.044 min Scan# 530
Delta R.T. -0.000 min
Lab File: VU051998.D
Acq: 21 Nov 2022 15:33

Tgt Ion: 84 Resp: 374480
Ion Ratio Lower Upper
84 100
86 64.8 45.2 84.0
49 109.9 75.9 141.1





#17

trans-1,2-Dichloroethene

Concen: 81.395 ug/L

RT: 3.350 min Scan# 61

Delta R.T. -0.004 min

Lab File: VU051998.D

Acq: 21 Nov 2022 15:33

Instrument :

MSVOA_U

ClientSampleId :

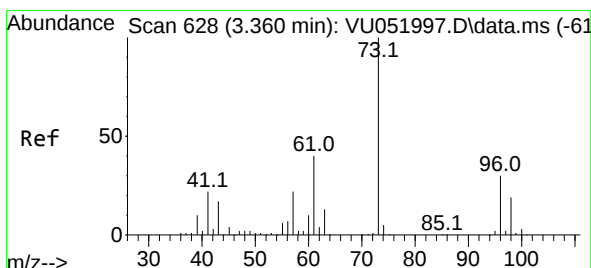
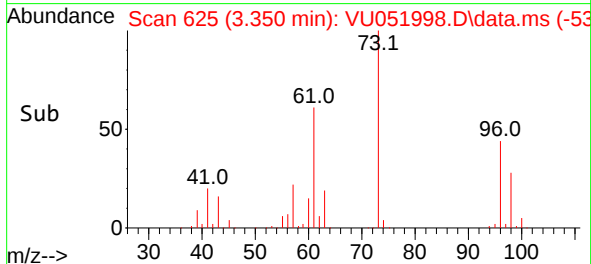
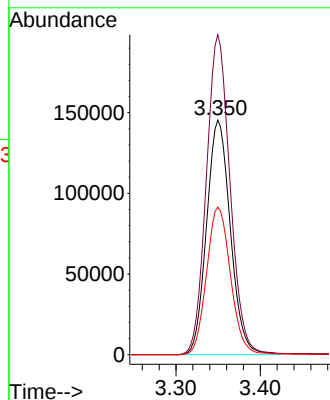
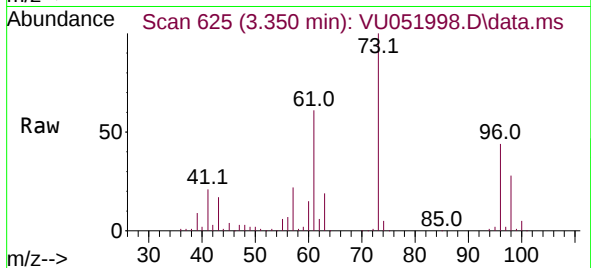
Tgt Ion: 96 Resp: 285865

Ion Ratio Lower Upper

96 100

61 136.5 93.9 174.3

98 62.9 44.2 82.0



#18

Methyl tert-butyl Ether

Concen: 95.585 ug/L

RT: 3.359 min Scan# 628

Delta R.T. -0.000 min

Lab File: VU051998.D

Acq: 21 Nov 2022 15:33

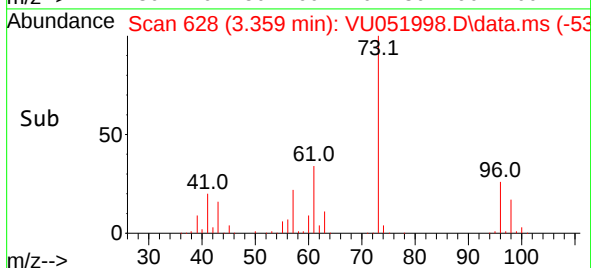
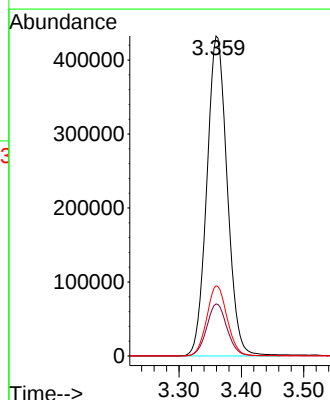
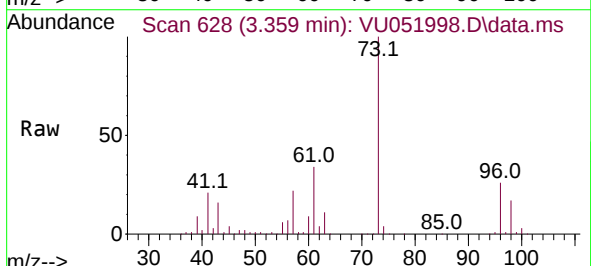
Tgt Ion: 73 Resp: 980660

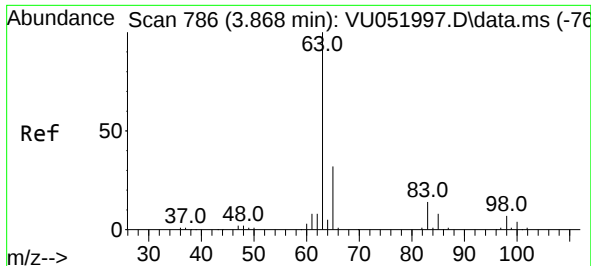
Ion Ratio Lower Upper

73 100

43 16.4 13.1 19.7

57 21.9 17.8 26.6





#19

1,1-Dichloroethane

Concen: 83.779 ug/L

RT: 3.864 min Scan# 785

Delta R.T. -0.004 min

Lab File: VU051998.D

Acq: 21 Nov 2022 15:33

Instrument :

MSVOA_U

ClientSampleId :

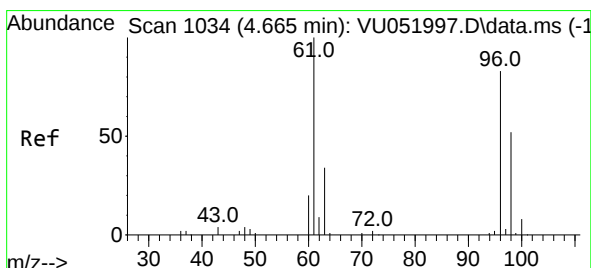
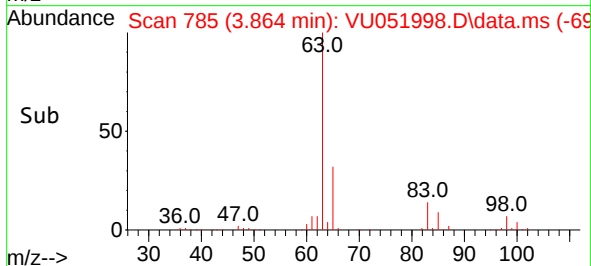
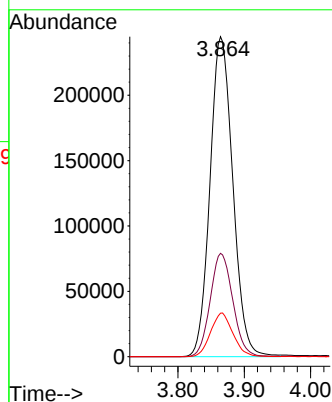
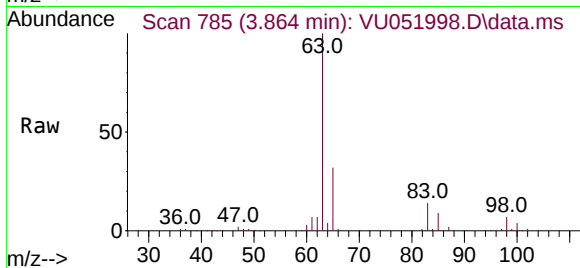
Tgt Ion: 63 Resp: 585372

Ion Ratio Lower Upper

63 100

65 32.3 22.3 41.3

83 13.6 9.8 18.2



#20

cis-1,2-Dichloroethene

Concen: 91.897 ug/L

RT: 4.661 min Scan# 1033

Delta R.T. -0.003 min

Lab File: VU051998.D

Acq: 21 Nov 2022 15:33

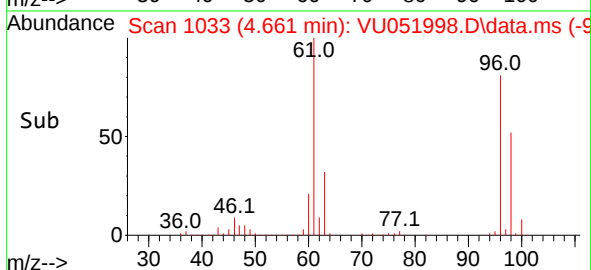
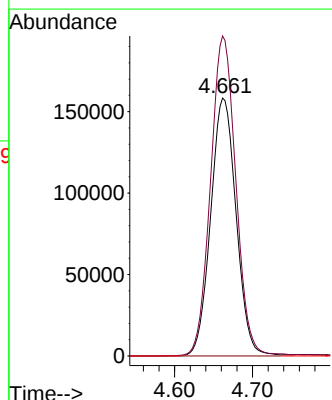
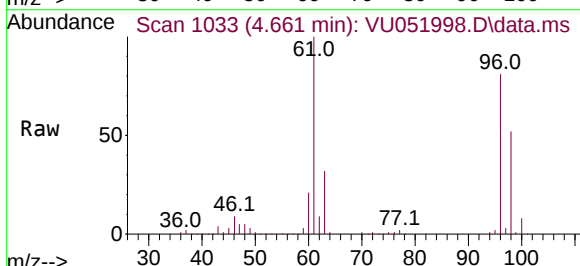
Tgt Ion: 96 Resp: 358605

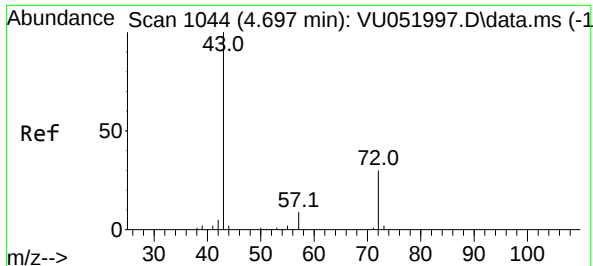
Ion Ratio Lower Upper

96 100

61 124.0 84.5 156.9

68 0.0 0.0 0.0





#22

2-Butanone

Concen: 179.823 ug/L

RT: 4.694 min Scan# 1043

Delta R.T. -0.004 min

Lab File: VU051998.D

Acq: 21 Nov 2022 15:33

Instrument :

MSVOA_U

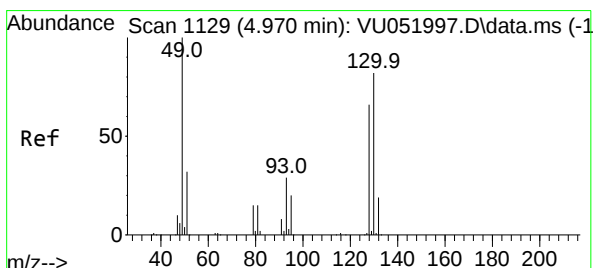
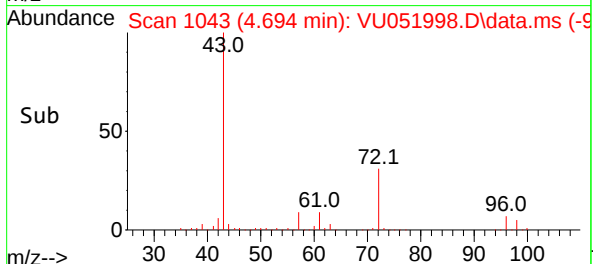
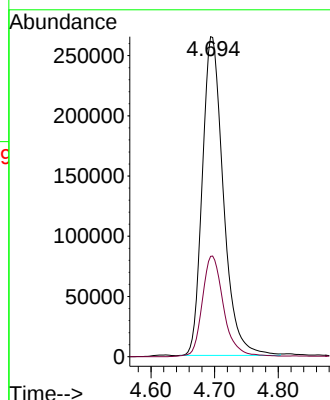
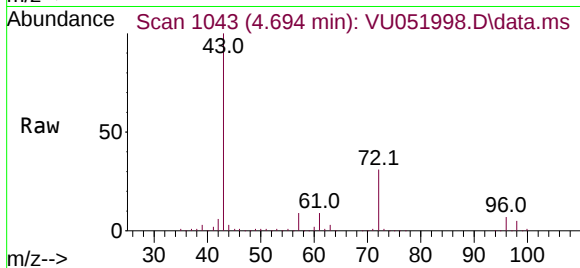
ClientSampleId :

Tgt Ion: 43 Resp: 608901

Ion Ratio Lower Upper

43 100

72 32.2 15.9 47.7



#23

Bromochloromethane

Concen: 84.766 ug/L

RT: 4.970 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VU051998.D

Acq: 21 Nov 2022 15:33

Tgt Ion:128 Resp: 184590

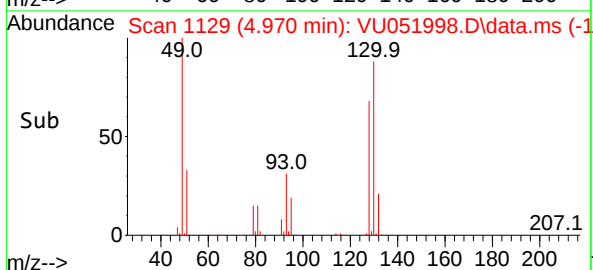
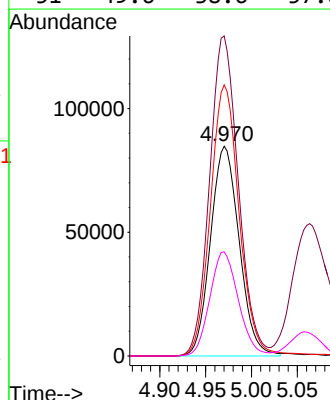
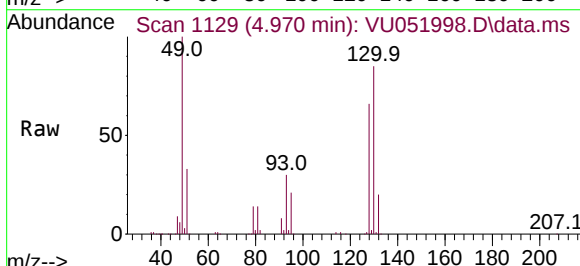
Ion Ratio Lower Upper

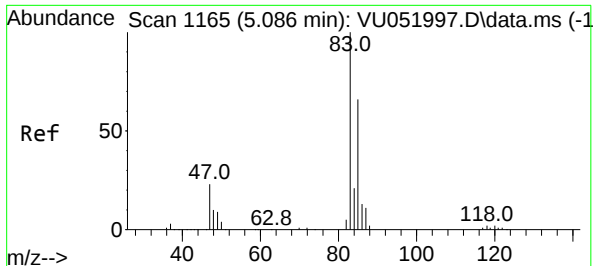
128 100

49 152.5 106.3 197.3

130 129.2 87.4 162.2

51 49.6 38.6 57.8





#25

Chloroform

Concen: 84.302 ug/L

RT: 5.083 min Scan# 1165

Delta R.T. -0.004 min

Lab File: VU051998.D

Acq: 21 Nov 2022 15:33

Instrument :

MSVOA_U

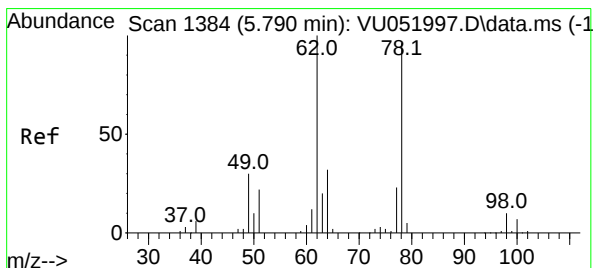
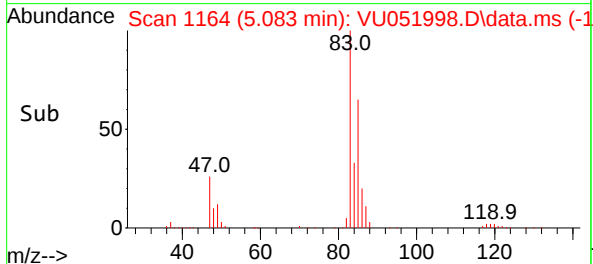
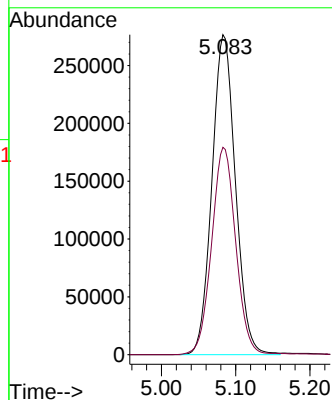
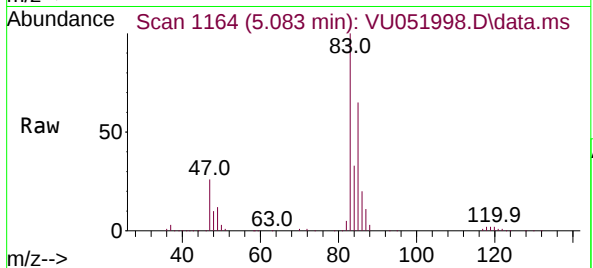
ClientSampleId :

Tgt Ion: 83 Resp: 607923

Ion Ratio Lower Upper

83 100

85 64.8 46.3 85.9



#27

1,2-Dichloroethane

Concen: 81.602 ug/L

RT: 5.790 min Scan# 1384

Delta R.T. -0.000 min

Lab File: VU051998.D

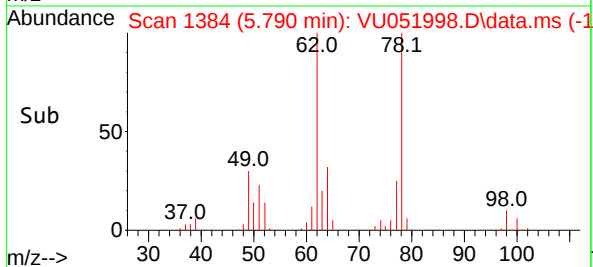
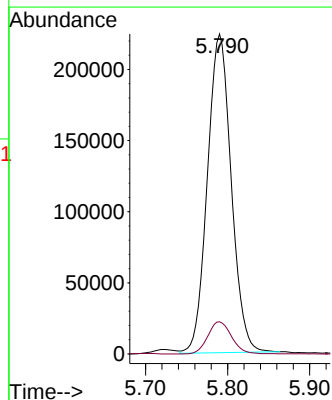
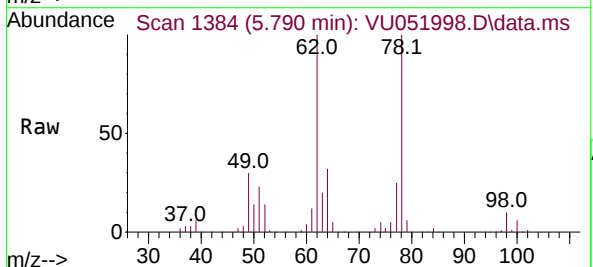
Acq: 21 Nov 2022 15:33

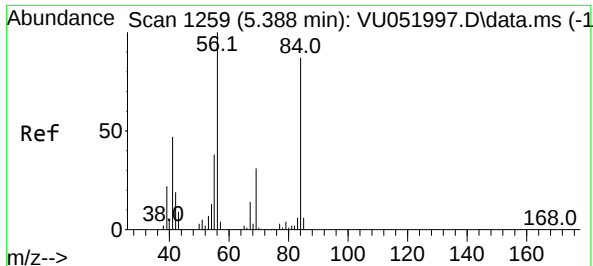
Tgt Ion: 62 Resp: 452167

Ion Ratio Lower Upper

62 100

98 10.0 7.9 11.9





#29

Cyclohexane

Concen: 89.260 ug/L

RT: 5.385 min Scan# 1259

Delta R.T. -0.004 min

Lab File: VU051998.D

Acq: 21 Nov 2022 15:33

Instrument :

MSVOA_U

ClientSampleId :

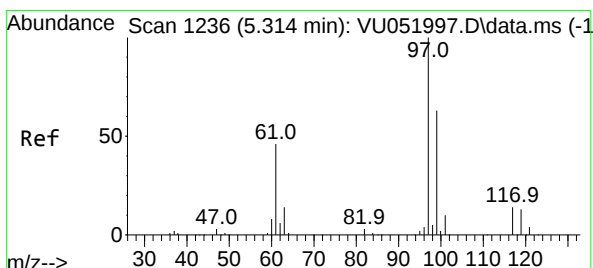
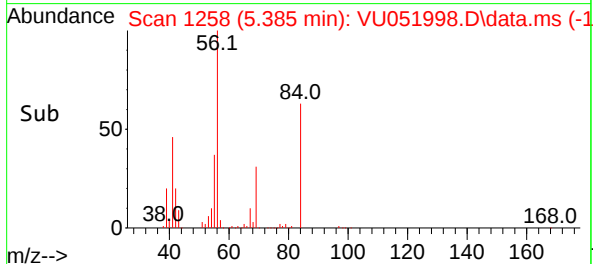
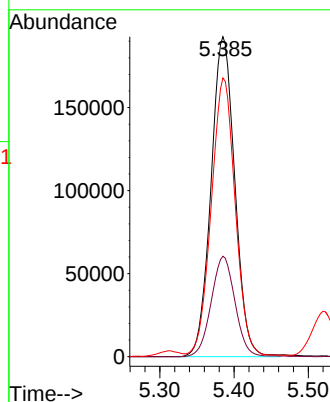
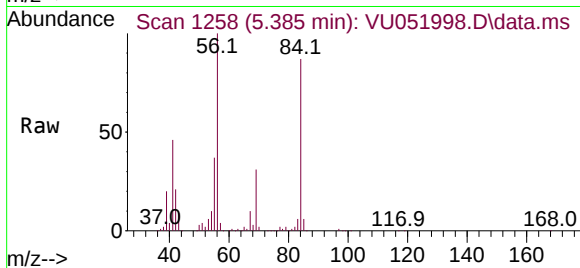
Tgt Ion: 56 Resp: 429069

Ion Ratio Lower Upper

56 100

69 31.3 25.7 38.5

84 86.7 70.2 105.2



#30

1,1,1-Trichloroethane

Concen: 82.421 ug/L

RT: 5.314 min Scan# 1236

Delta R.T. -0.000 min

Lab File: VU051998.D

Acq: 21 Nov 2022 15:33

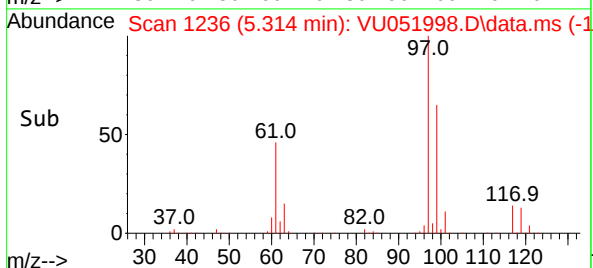
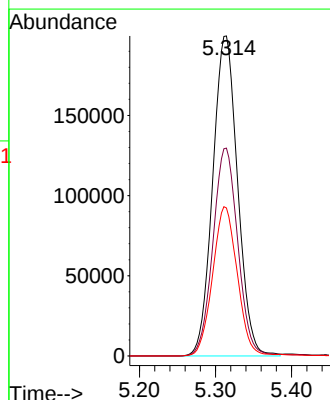
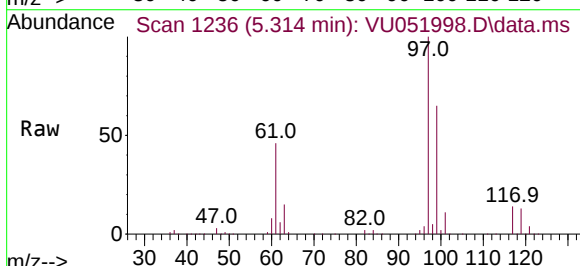
Tgt Ion: 97 Resp: 453882

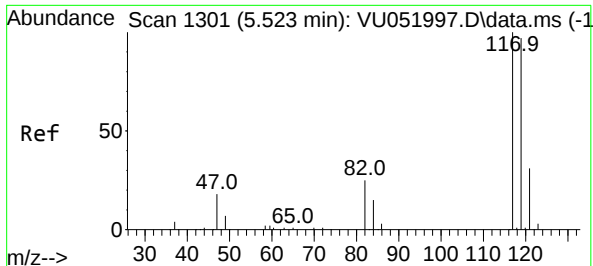
Ion Ratio Lower Upper

97 100

99 64.9 51.4 77.0

61 46.2 37.2 55.8

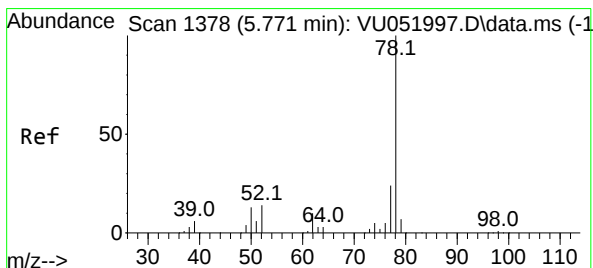
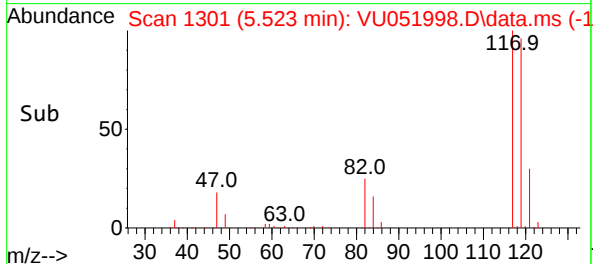
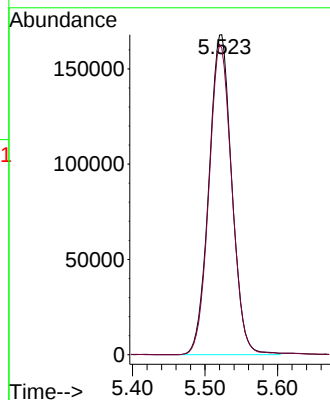
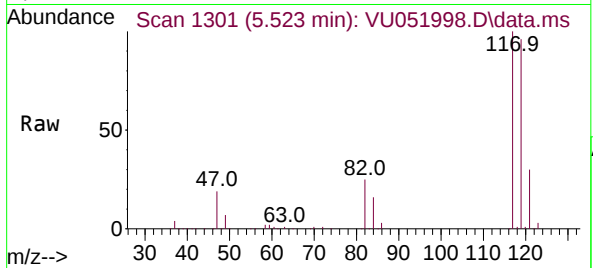




#31
Carbon tetrachloride
Concen: 79.779 ug/L
RT: 5.523 min Scan# 1301
Delta R.T. -0.000 min
Lab File: VU051998.D
Acq: 21 Nov 2022 15:33

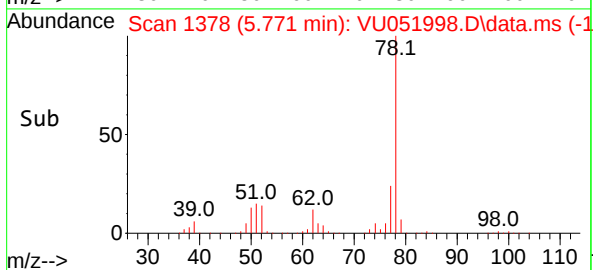
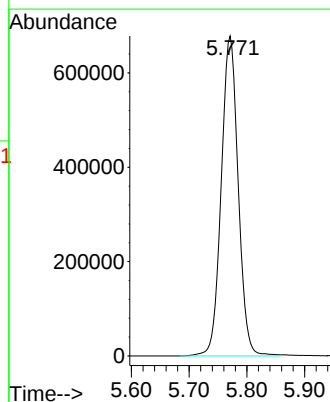
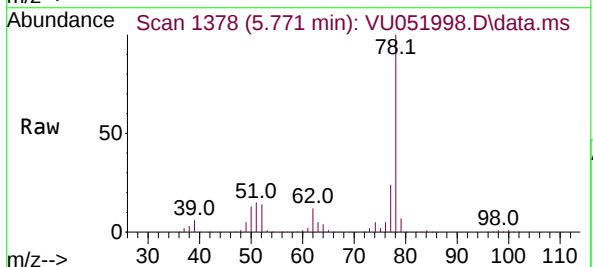
Instrument :
MSVOA_U
ClientSampleId :

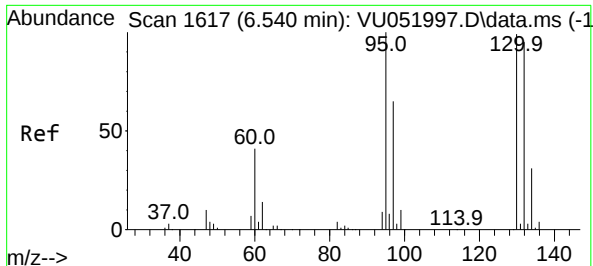
Tgt Ion:117 Resp: 368774
Ion Ratio Lower Upper
117 100
119 96.2 77.4 116.2



#33
Benzene
Concen: 90.688 ug/L
RT: 5.771 min Scan# 1378
Delta R.T. -0.000 min
Lab File: VU051998.D
Acq: 21 Nov 2022 15:33

Tgt Ion: 78 Resp: 1383300

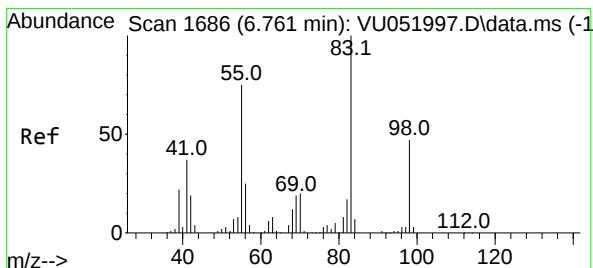
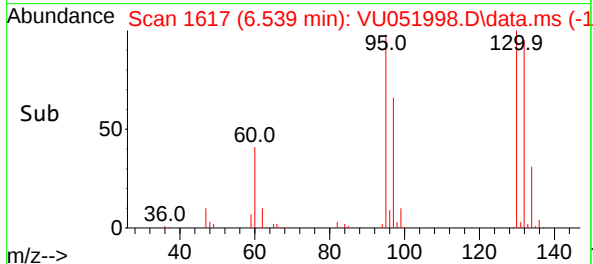
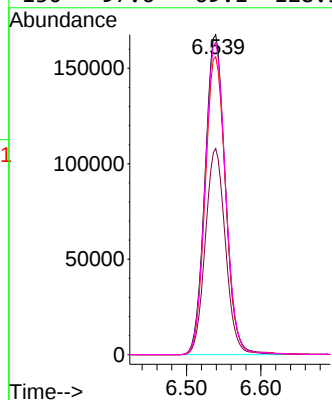
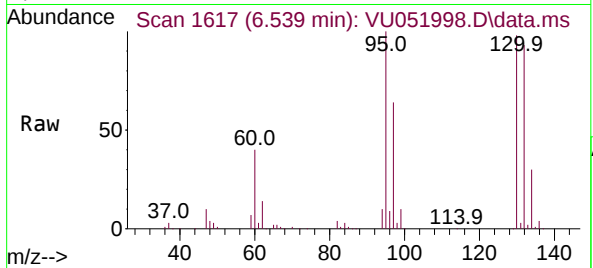




#34
Trichloroethene
Concen: 86.580 ug/L
RT: 6.539 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VU051998.D
Acq: 21 Nov 2022 15:33

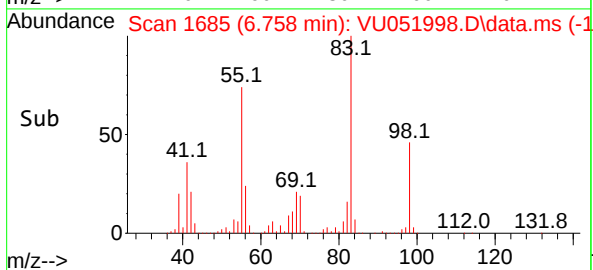
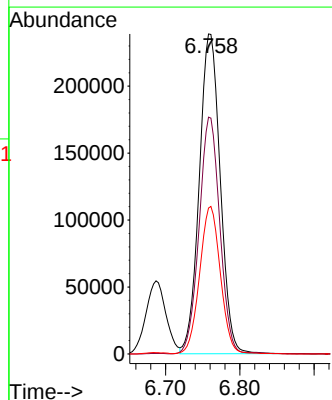
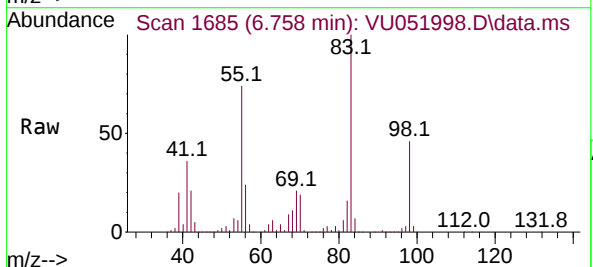
Instrument :
MSVOA_U
ClientSampleId :

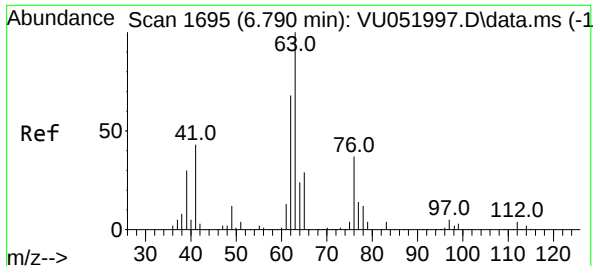
Tgt Ion: 95 Resp: 317624
Ion Ratio Lower Upper
95 100
97 64.4 45.3 84.1
132 93.1 66.8 124.2
130 97.6 69.1 128.3



#35
Methylcyclohexane
Concen: 90.626 ug/L
RT: 6.758 min Scan# 1685
Delta R.T. -0.003 min
Lab File: VU051998.D
Acq: 21 Nov 2022 15:33

Tgt Ion: 83 Resp: 469126
Ion Ratio Lower Upper
83 100
55 73.0 59.0 88.6
98 45.5 36.0 54.0





#37

1,2-Dichloropropane

Concen: 90.596 ug/L

RT: 6.787 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU051998.D

Acq: 21 Nov 2022 15:33

Instrument :

MSVOA_U

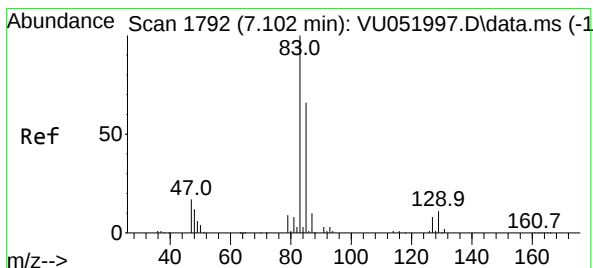
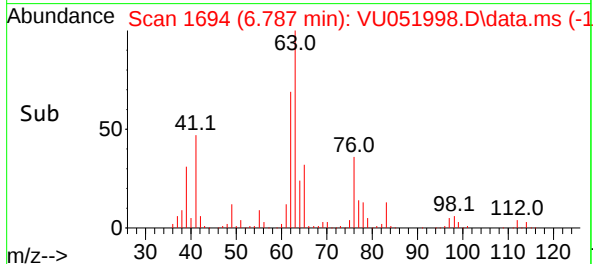
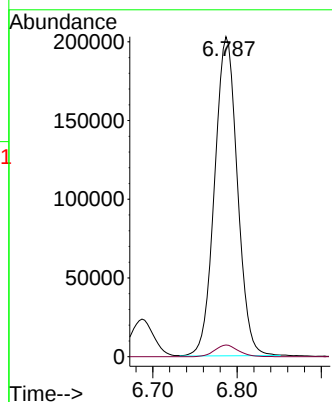
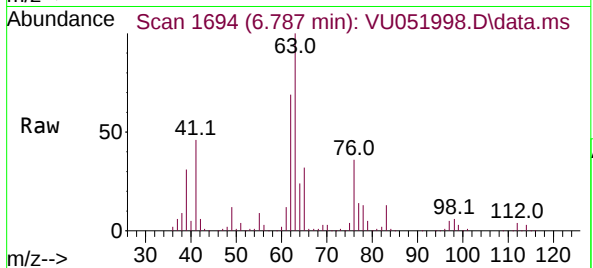
ClientSampleId :

Tgt Ion: 63 Resp: 380196

Ion Ratio Lower Upper

63 100

112 3.8 3.0 4.6



#38

Bromodichloromethane

Concen: 88.374 ug/L

RT: 7.102 min Scan# 1792

Delta R.T. -0.000 min

Lab File: VU051998.D

Acq: 21 Nov 2022 15:33

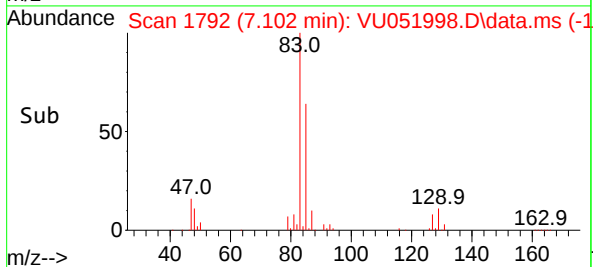
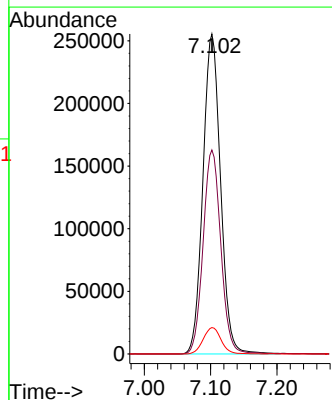
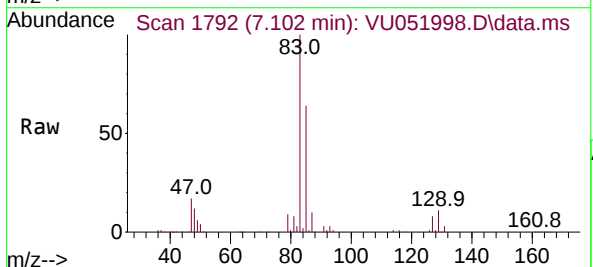
Tgt Ion: 83 Resp: 472045

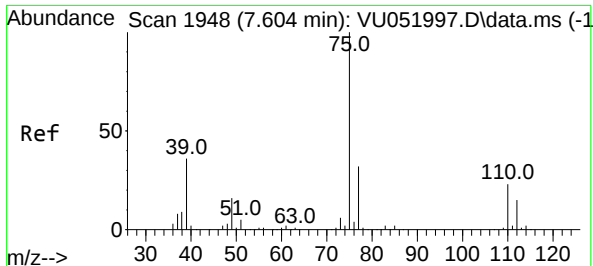
Ion Ratio Lower Upper

83 100

85 63.7 45.9 85.3

127 8.2 6.6 10.0





#39

cis-1,3-Dichloropropene

Concen: 100.011 ug/L

RT: 7.603 min Scan# 1948

Delta R.T. -0.000 min

Lab File: VU051998.D

Acq: 21 Nov 2022 15:33

Instrument :

MSVOA_U

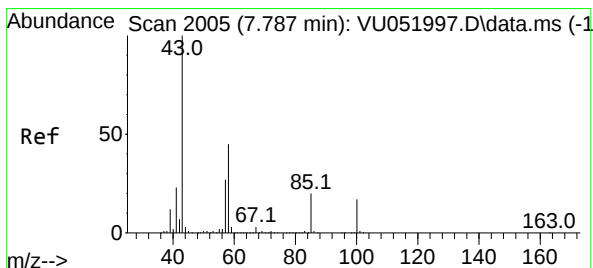
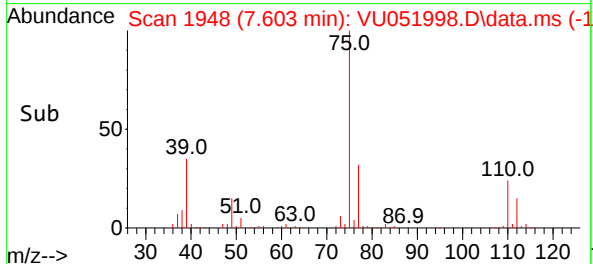
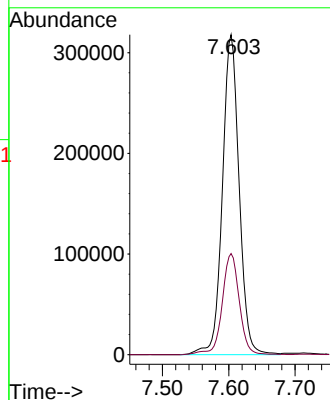
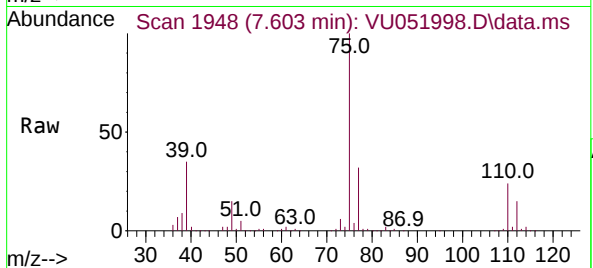
ClientSampleId :

Tgt Ion: 75 Resp: 556137

Ion Ratio Lower Upper

75 100

77 31.6 22.3 41.3



#40

4-Methyl-2-pentanone

Concen: 193.678 ug/L

RT: 7.787 min Scan# 2005

Delta R.T. -0.000 min

Lab File: VU051998.D

Acq: 21 Nov 2022 15:33

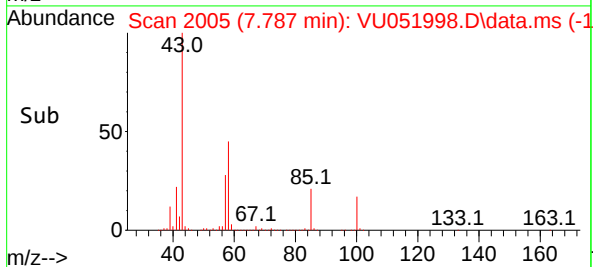
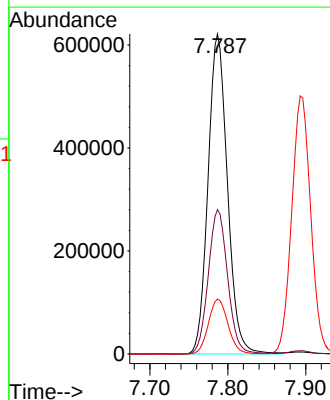
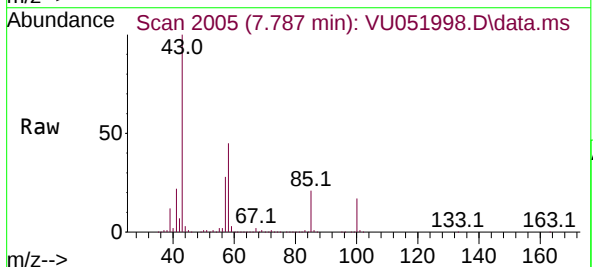
Tgt Ion: 43 Resp: 1073797

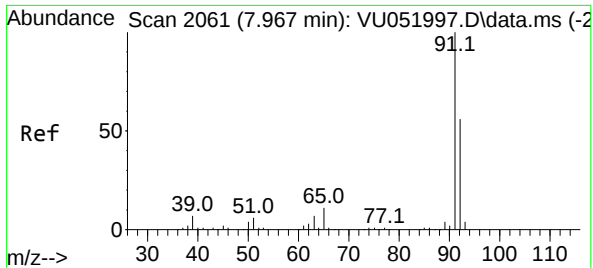
Ion Ratio Lower Upper

43 100

58 45.2 35.8 53.6

100 17.3 13.5 20.3

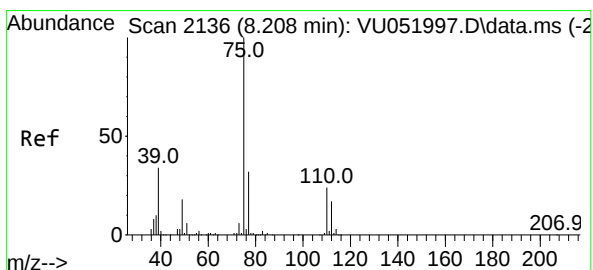
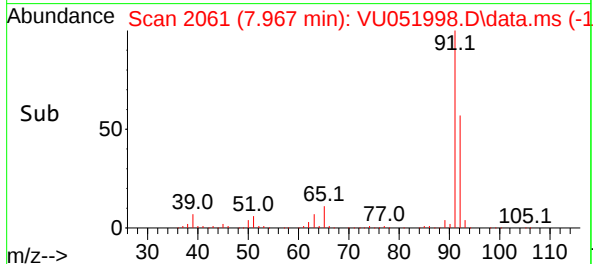
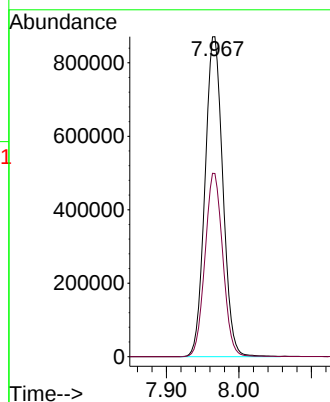
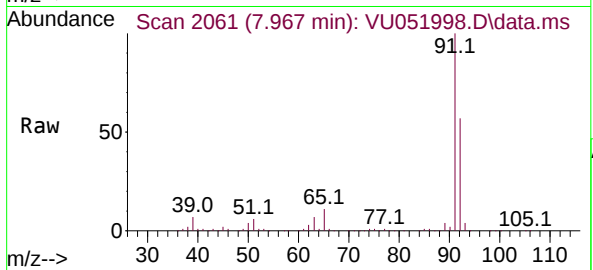




#42
Toluene
Concen: 95.201 ug/L
RT: 7.967 min Scan# 2061
Delta R.T. -0.000 min
Lab File: VU051998.D
Acq: 21 Nov 2022 15:33

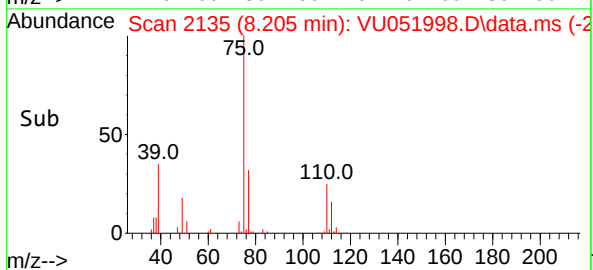
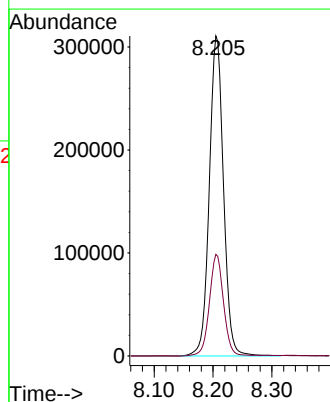
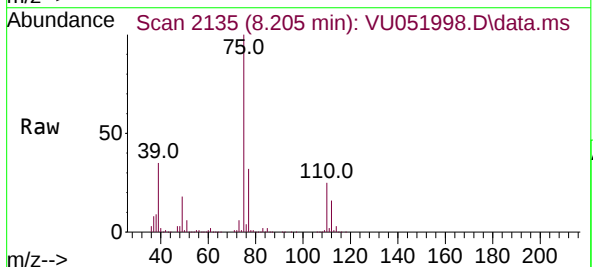
Instrument :
MSVOA_U
ClientSampleId :

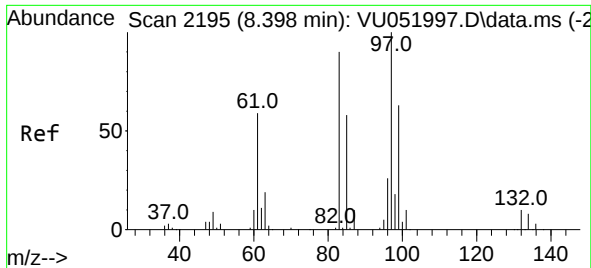
Tgt Ion: 91 Resp: 1489689
Ion Ratio Lower Upper
91 100
92 57.2 39.2 72.8



#44
trans-1,3-Dichloropropene
Concen: 97.163 ug/L
RT: 8.205 min Scan# 2135
Delta R.T. -0.004 min
Lab File: VU051998.D
Acq: 21 Nov 2022 15:33

Tgt Ion: 75 Resp: 520627
Ion Ratio Lower Upper
75 100
77 31.8 22.7 42.1



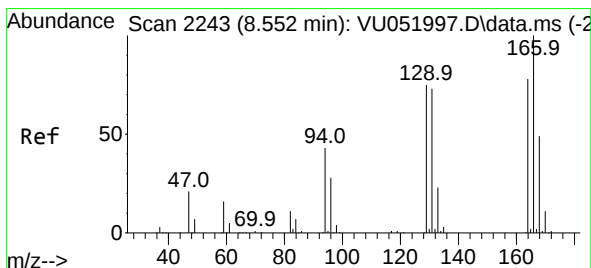
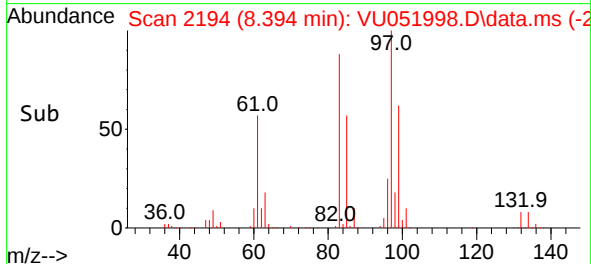
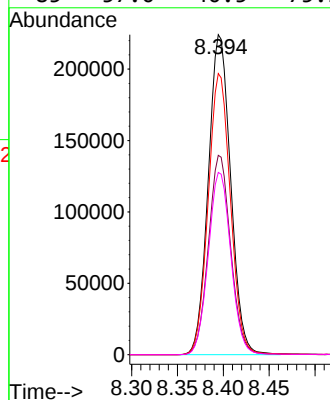
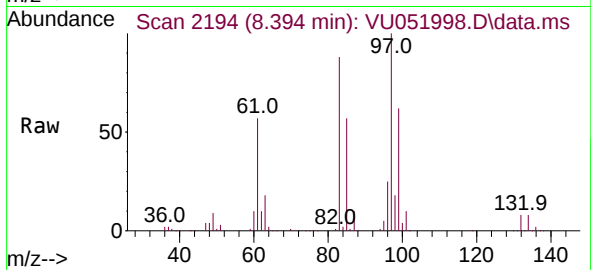


#45
1,1,2-Trichloroethane
Concen: 90.829 ug/L
RT: 8.394 min Scan# 2194
Delta R.T. -0.003 min
Lab File: VU051998.D
Acq: 21 Nov 2022 15:33

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 380595

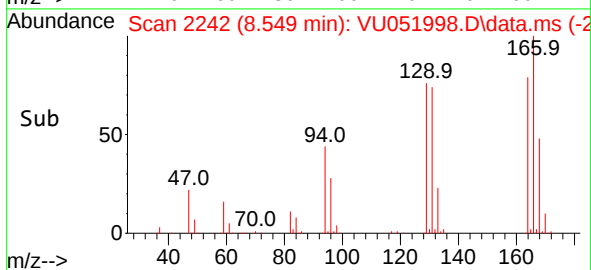
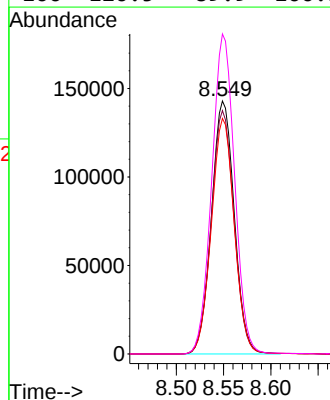
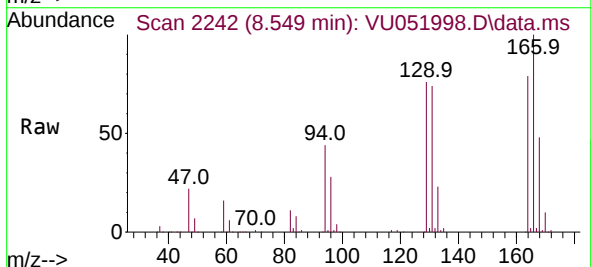
Ion	Ratio	Lower	Upper
97	100		
99	62.3	44.4	82.4
83	87.9	63.2	117.4
85	57.0	40.5	75.3

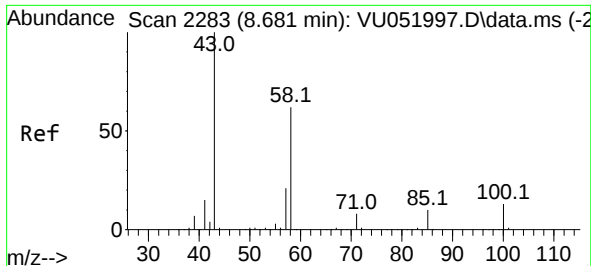


#46
Tetrachloroethene
Concen: 87.950 ug/L
RT: 8.549 min Scan# 2242
Delta R.T. -0.003 min
Lab File: VU051998.D
Acq: 21 Nov 2022 15:33

Tgt Ion: 164 Resp: 239436

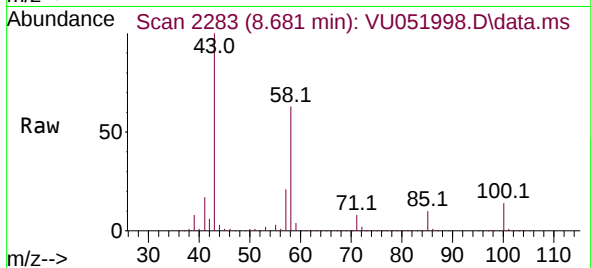
Ion	Ratio	Lower	Upper
164	100		
129	96.2	67.3	124.9
131	93.1	65.2	121.2
166	126.5	89.9	166.9



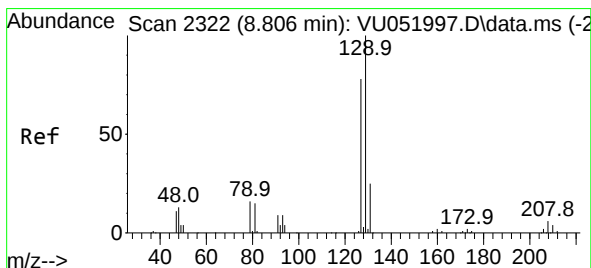
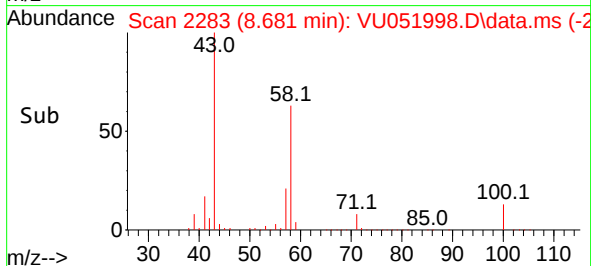
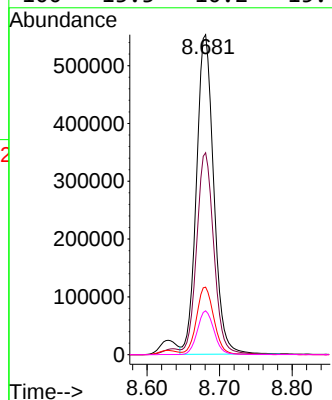


#48
2-Hexanone
Concen: 195.677 ug/L
RT: 8.681 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU051998.D
Acq: 21 Nov 2022 15:33

Instrument :
MSVOA_U
ClientSampleId :

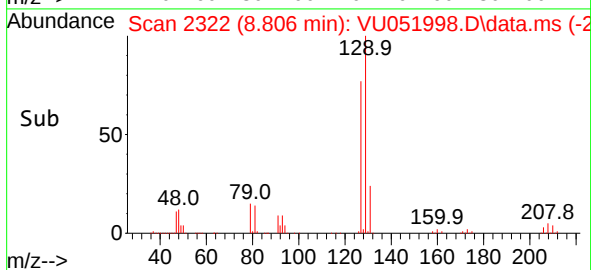
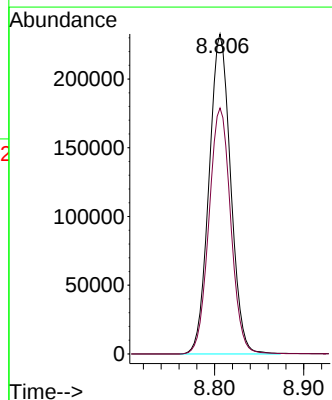
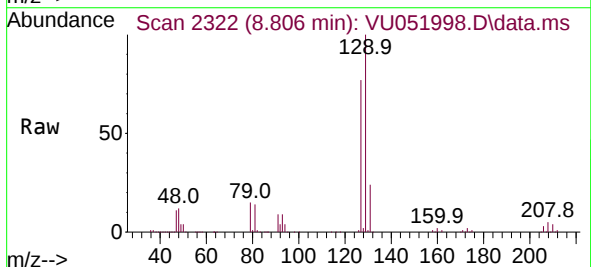


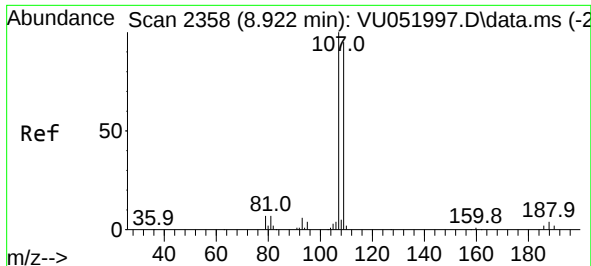
Tgt Ion:	43	Resp:	914612
Ion	Ratio	Lower	Upper
43	100		
58	62.9	49.6	74.4
57	21.2	16.8	25.2
100	13.3	10.2	15.4



#49
Dibromochloromethane
Concen: 91.266 ug/L
RT: 8.806 min Scan# 2322
Delta R.T. -0.000 min
Lab File: VU051998.D
Acq: 21 Nov 2022 15:33

Tgt Ion:	129	Resp:	392029
Ion	Ratio	Lower	Upper
129	100		
127	76.9	54.5	101.1





#50

1,2-Dibromoethane

Concen: 90.223 ug/L

RT: 8.919 min Scan# 21

Delta R.T. -0.004 min

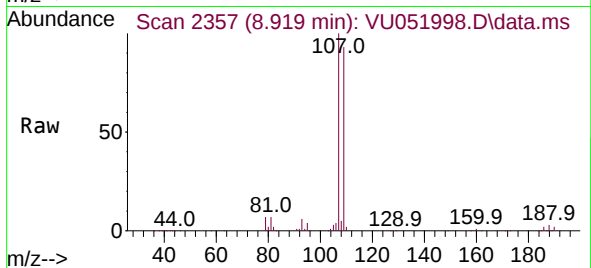
Lab File: VU051998.D

Acq: 21 Nov 2022 15:33

Instrument :

MSVOA_U

ClientSampleId :



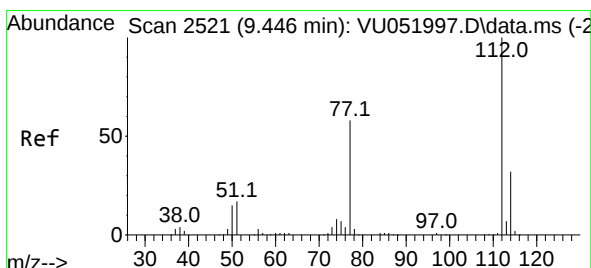
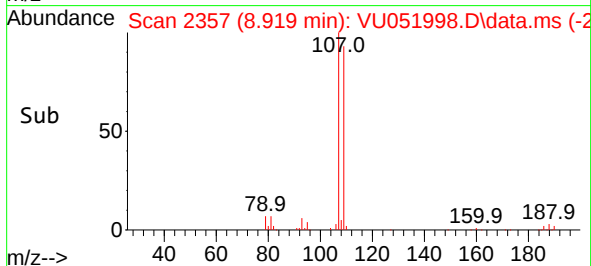
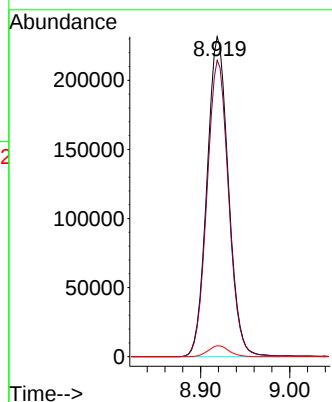
Tgt Ion:107 Resp: 387366

Ion Ratio Lower Upper

107 100

109 92.6 66.6 123.8

188 3.4 2.9 4.3



#51

Chlorobenzene

Concen: 93.011 ug/L

RT: 9.443 min Scan# 2520

Delta R.T. -0.004 min

Lab File: VU051998.D

Acq: 21 Nov 2022 15:33

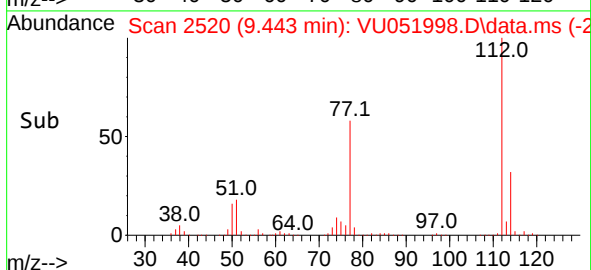
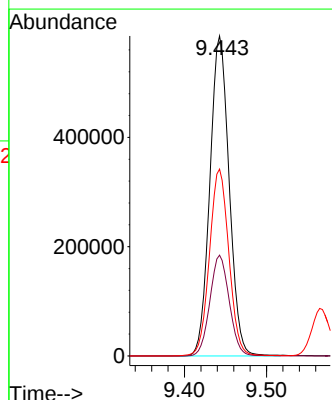
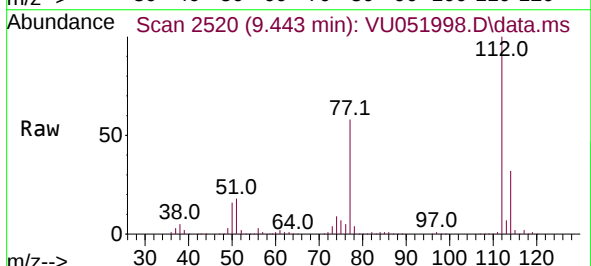
Tgt Ion:112 Resp: 958239

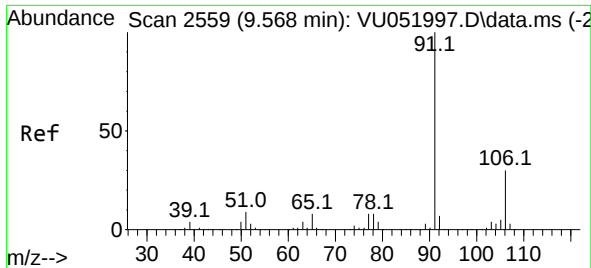
Ion Ratio Lower Upper

112 100

114 31.5 22.2 41.2

77 58.4 46.5 69.7

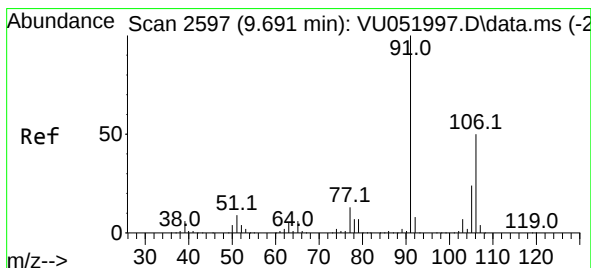
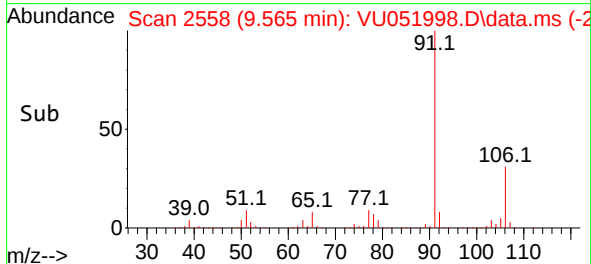
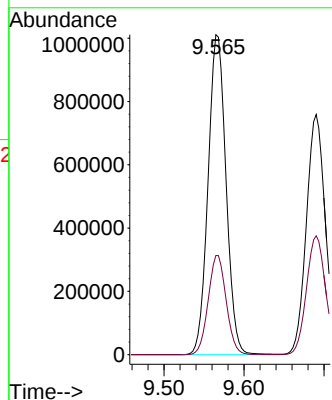
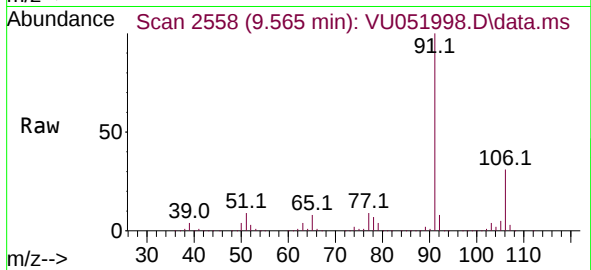




#52
Ethylbenzene
Concen: 99.966 ug/L
RT: 9.565 min Scan# 21
Delta R.T. -0.004 min
Lab File: VU051998.D
Acq: 21 Nov 2022 15:33

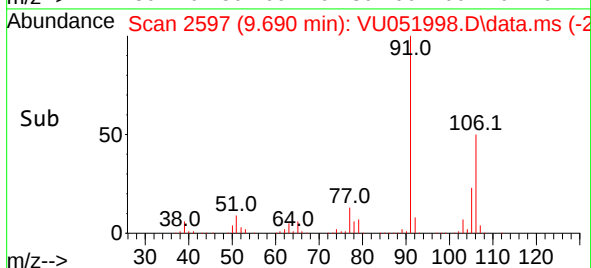
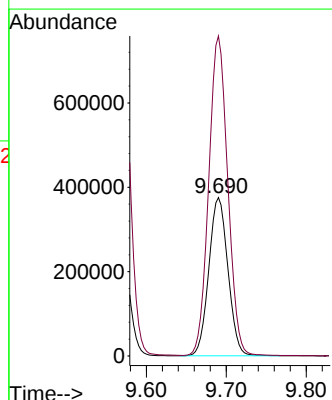
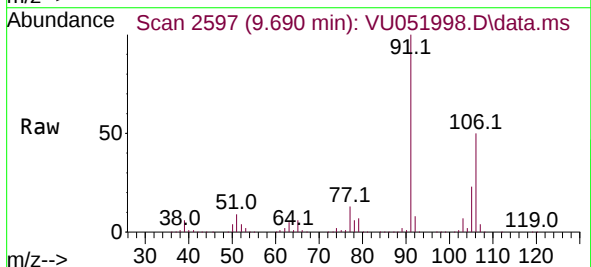
Instrument :
MSVOA_U
ClientSampleId :

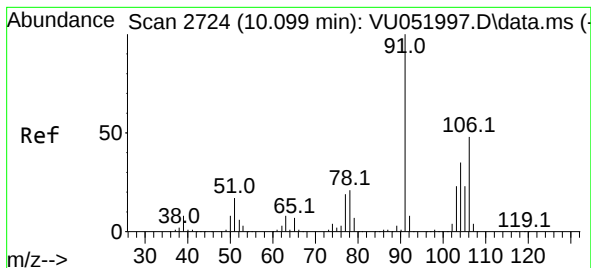
Tgt Ion: 91 Resp: 1580416
Ion Ratio Lower Upper
91 100
106 31.0 21.2 39.4



#53
m,p-Xylene
Concen: 102.604 ug/L
RT: 9.690 min Scan# 2597
Delta R.T. -0.000 min
Lab File: VU051998.D
Acq: 21 Nov 2022 15:33

Tgt Ion: 106 Resp: 623268
Ion Ratio Lower Upper
106 100
91 202.0 140.3 260.6

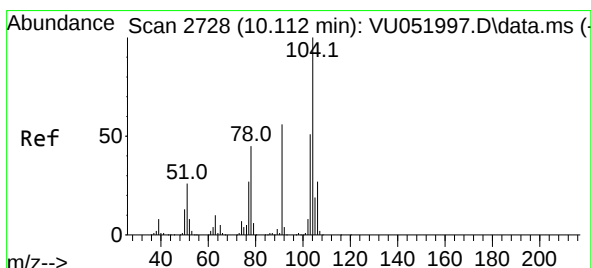
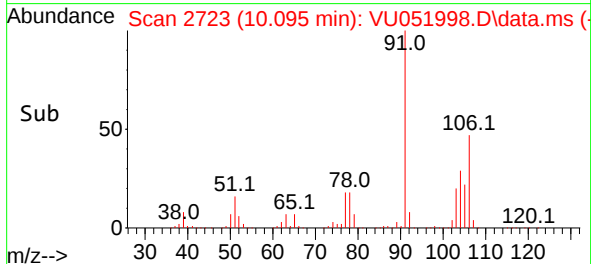
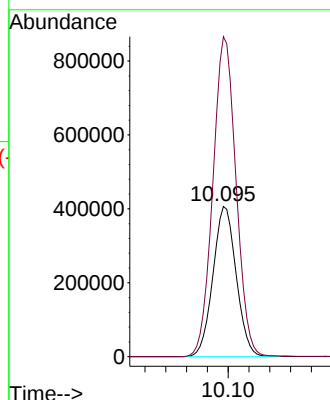
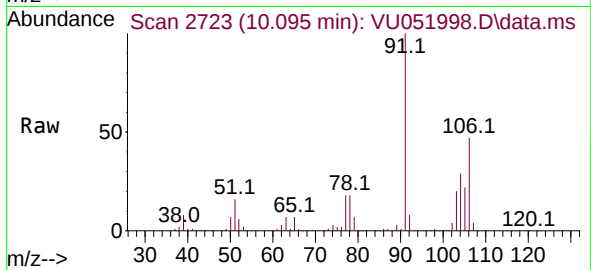




#54
o-Xylene
Concen: 103.695 ug/L
RT: 10.095 min Scan# 2724
Delta R.T. -0.004 min
Lab File: VU051998.D
Acq: 21 Nov 2022 15:33

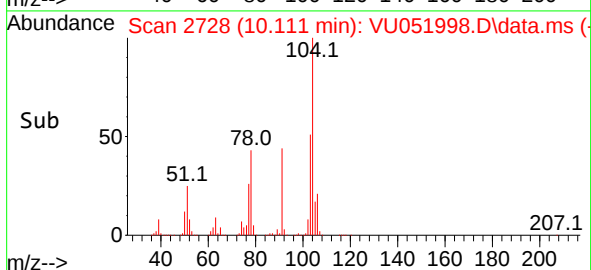
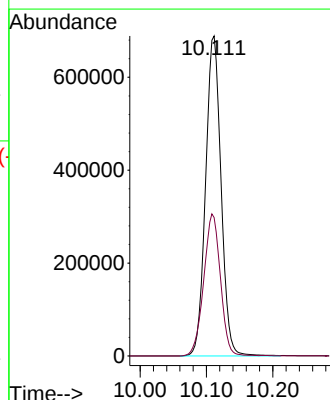
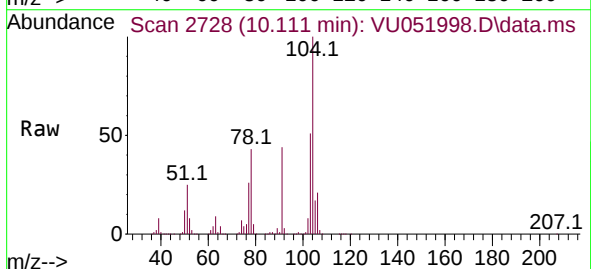
Instrument :
MSVOA_U
ClientSampleId :

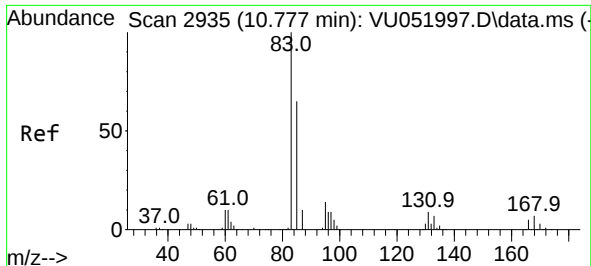
Tgt Ion:106 Resp: 630992
Ion Ratio Lower Upper
106 100
91 213.0 146.7 272.4



#55
Styrene
Concen: 106.661 ug/L
RT: 10.111 min Scan# 2728
Delta R.T. -0.000 min
Lab File: VU051998.D
Acq: 21 Nov 2022 15:33

Tgt Ion:104 Resp: 1115566
Ion Ratio Lower Upper
104 100
78 43.2 31.2 58.0

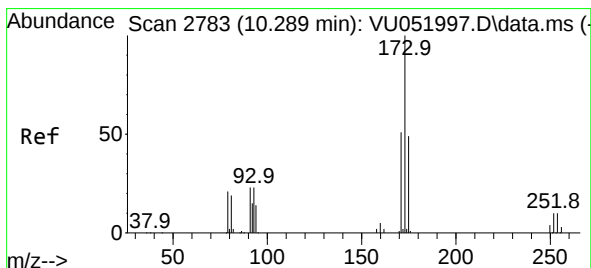
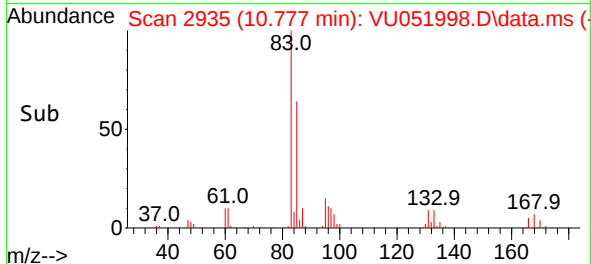
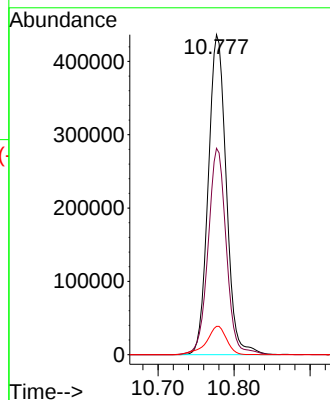
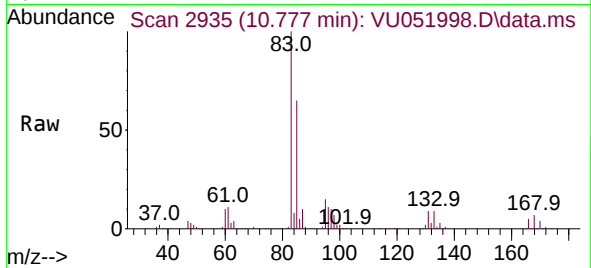




#57
1,1,2,2-Tetrachloroethane
Concen: 90.248 ug/L
RT: 10.777 min Scan# 2935
Delta R.T. -0.000 min
Lab File: VU051998.D
Acq: 21 Nov 2022 15:33

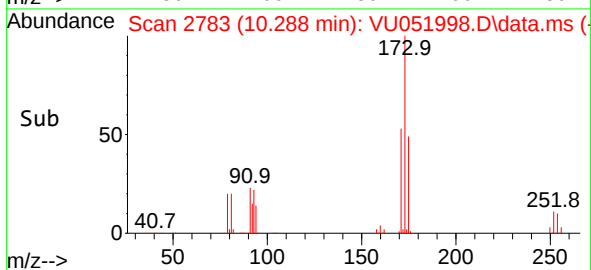
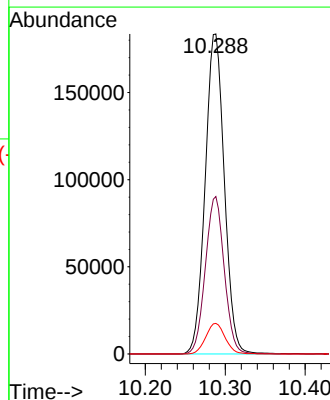
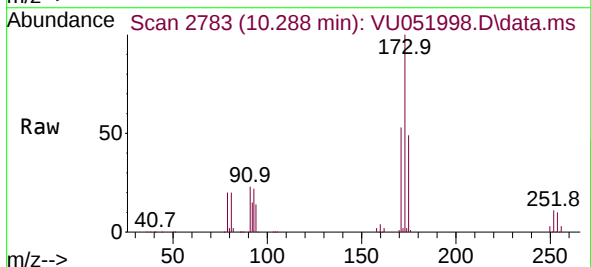
Instrument :
MSVOA_U
ClientSampleId :

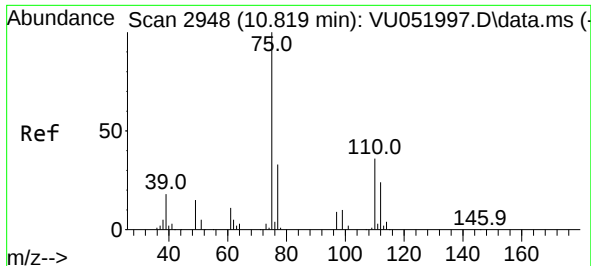
Tgt Ion: 83 Resp: 717508
Ion Ratio Lower Upper
83 100
85 64.5 45.4 84.2
131 8.9 7.3 10.9



#59
Bromoform
Concen: 85.783 ug/L
RT: 10.288 min Scan# 2783
Delta R.T. -0.000 min
Lab File: VU051998.D
Acq: 21 Nov 2022 15:33

Tgt Ion:173 Resp: 306030
Ion Ratio Lower Upper
173 100
175 48.5 39.8 59.6
254 9.6 7.5 11.3

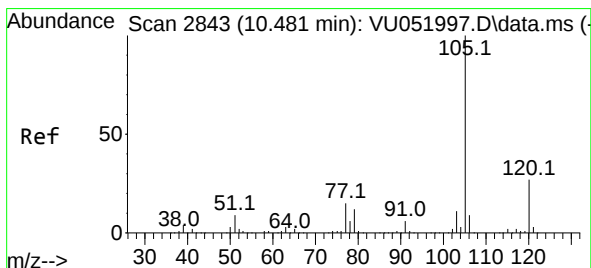
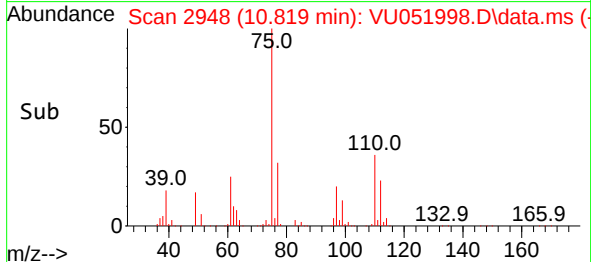
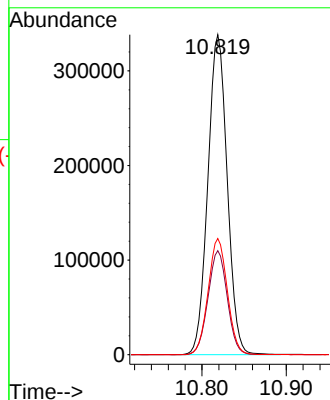
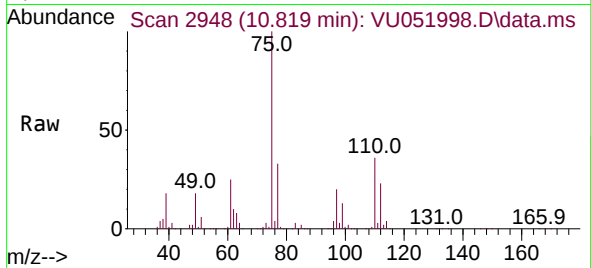




#60
1,2,3-Trichloropropane
Concen: 82.240 ug/L
RT: 10.819 min Scan# 2948
Delta R.T. -0.000 min
Lab File: VU051998.D
Acq: 21 Nov 2022 15:33

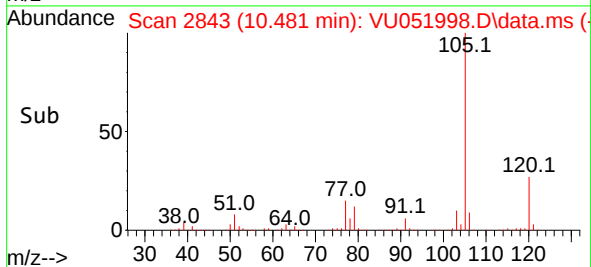
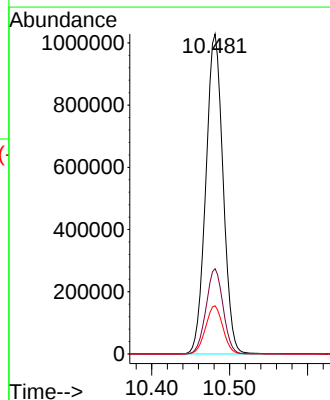
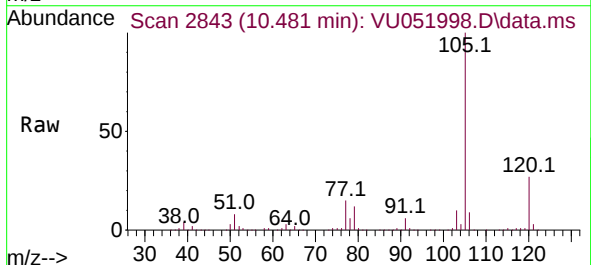
Instrument :
MSVOA_U
ClientSampleId :

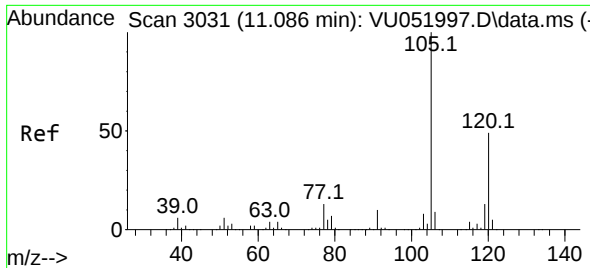
Tgt Ion: 75 Resp: 540544
Ion Ratio Lower Upper
75 100
77 32.3 26.0 39.0
110 36.1 29.0 43.4



#61
Isopropylbenzene
Concen: 97.359 ug/L
RT: 10.481 min Scan# 2843
Delta R.T. -0.000 min
Lab File: VU051998.D
Acq: 21 Nov 2022 15:33

Tgt Ion: 105 Resp: 1574745
Ion Ratio Lower Upper
105 100
120 26.5 21.1 31.7
77 15.2 12.4 18.6

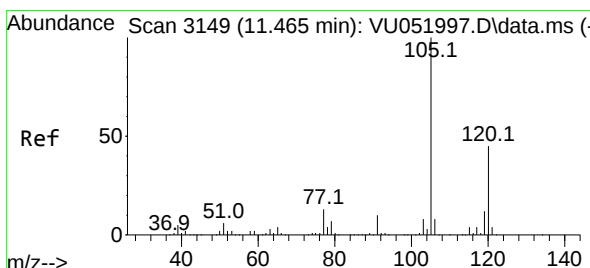
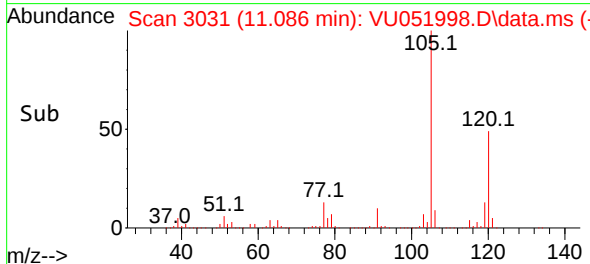
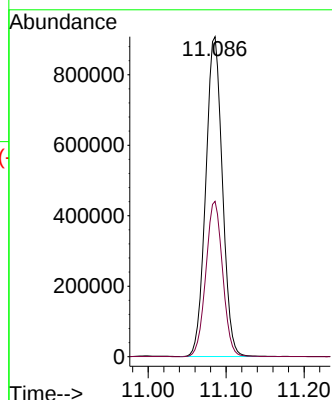
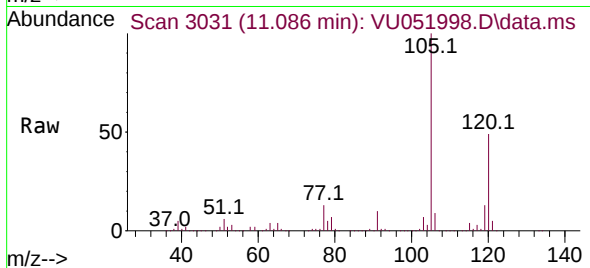




#62
 1,3,5-Trimethylbenzene
 Concen: 99.505 ug/L
 RT: 11.086 min Scan# 3031
 Delta R.T. -0.000 min
 Lab File: VU051998.D
 Acq: 21 Nov 2022 15:33

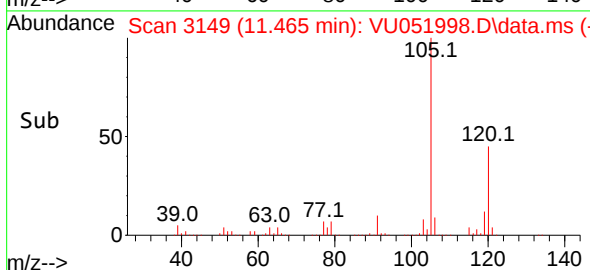
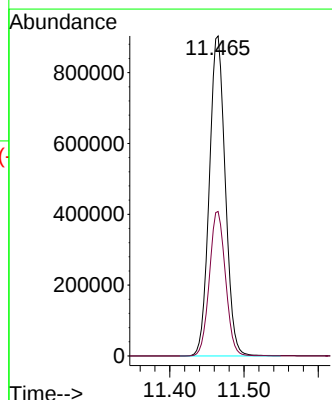
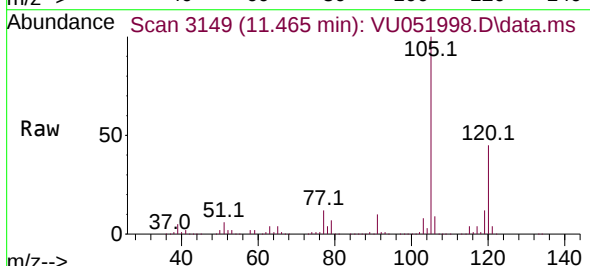
Instrument :
 MSVOA_U
 ClientSampleId :

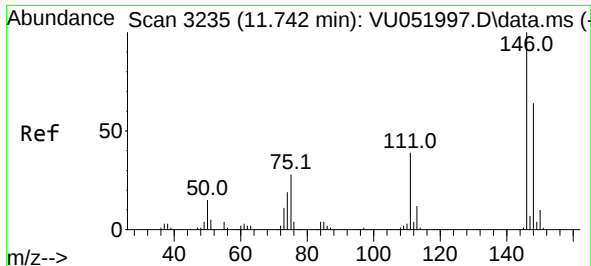
Tgt Ion:105 Resp: 1349173
 Ion Ratio Lower Upper
 105 100
 120 48.9 39.3 58.9



#63
 1,2,4-Trimethylbenzene
 Concen: 101.406 ug/L
 RT: 11.465 min Scan# 3149
 Delta R.T. -0.000 min
 Lab File: VU051998.D
 Acq: 21 Nov 2022 15:33

Tgt Ion:105 Resp: 1346670
 Ion Ratio Lower Upper
 105 100
 120 45.4 36.1 54.1

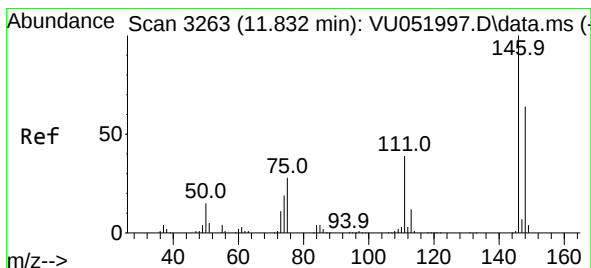
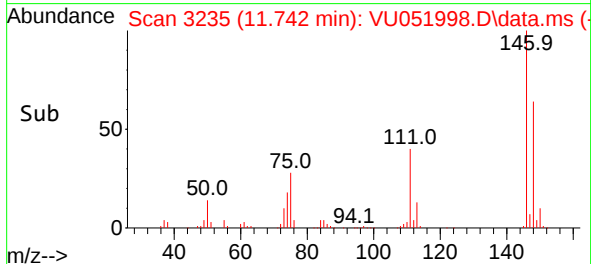
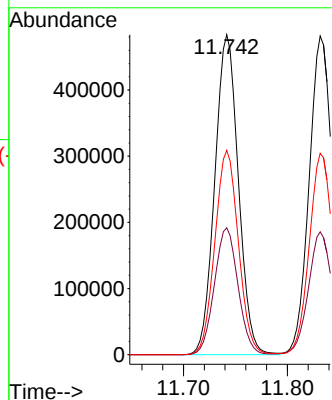
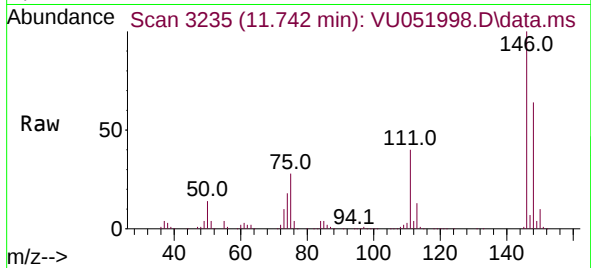




#64
1,3-Dichlorobenzene
Concen: 93.330 ug/L
RT: 11.742 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU051998.D
Acq: 21 Nov 2022 15:33

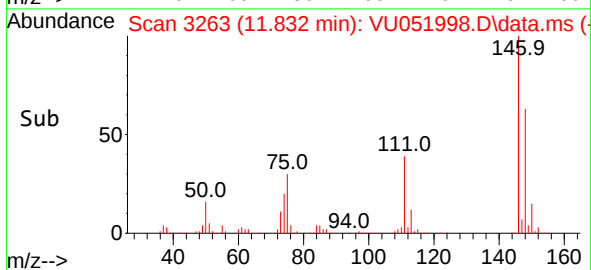
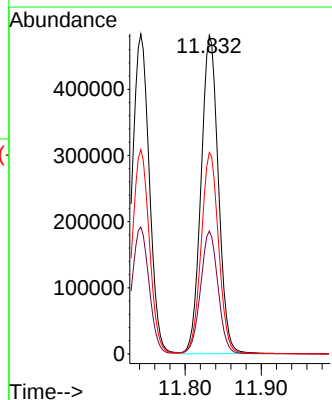
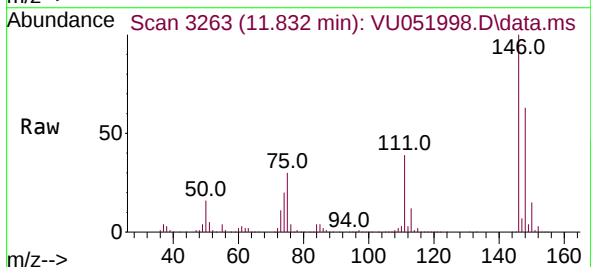
Instrument :
MSVOA_U
ClientSampleId :

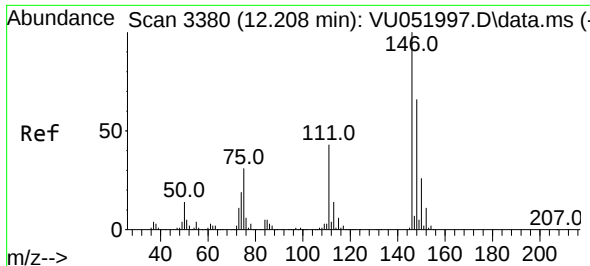
Tgt Ion:146 Resp: 762276
Ion Ratio Lower Upper
146 100
111 39.7 27.5 51.1
148 63.8 44.9 83.3



#65
1,4-Dichlorobenzene
Concen: 90.789 ug/L
RT: 11.832 min Scan# 3263
Delta R.T. -0.000 min
Lab File: VU051998.D
Acq: 21 Nov 2022 15:33

Tgt Ion:146 Resp: 759724
Ion Ratio Lower Upper
146 100
111 38.6 27.6 51.2
148 63.2 44.8 83.2

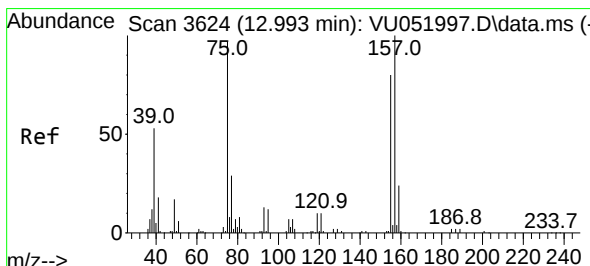
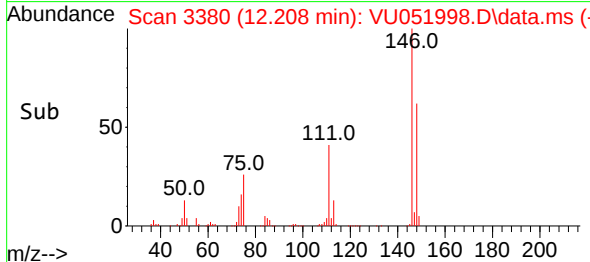
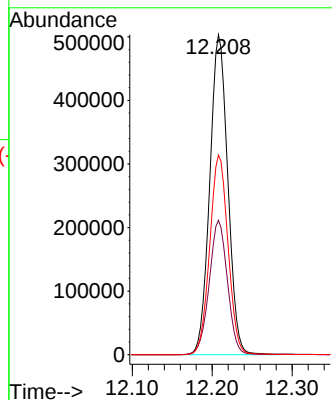
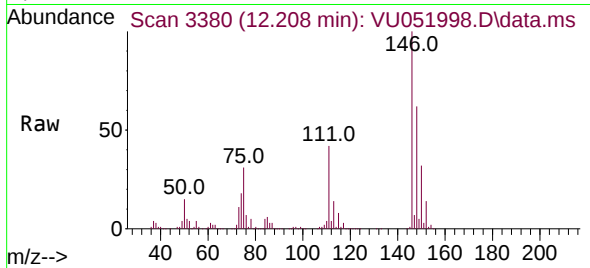




#67
1,2-Dichlorobenzene
Concen: 92.327 ug/L
RT: 12.208 min Scan# 3380
Delta R.T. -0.000 min
Lab File: VU051998.D
Acq: 21 Nov 2022 15:33

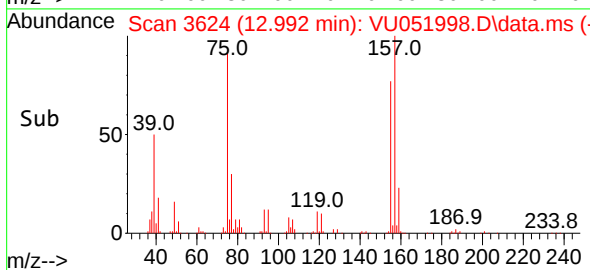
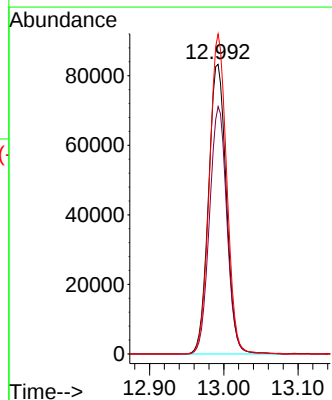
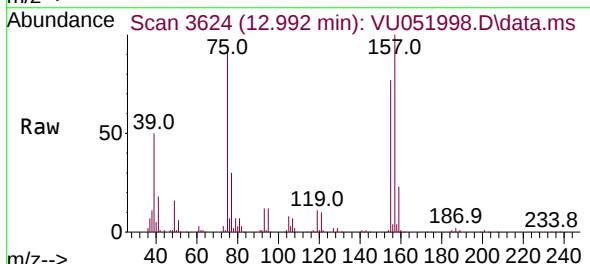
Instrument :
MSVOA_U
ClientSampleId :

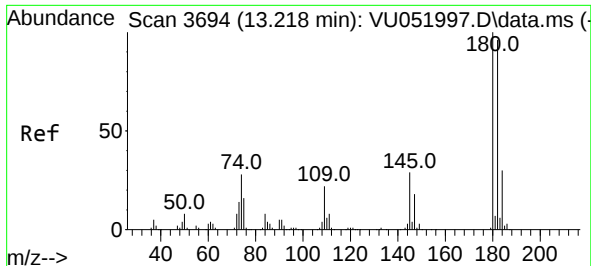
Tgt Ion:146 Resp: 788149
Ion Ratio Lower Upper
146 100
111 42.0 34.2 51.4
148 62.4 52.6 79.0



#68
1,2-Dibromo-3-chloropropane
Concen: 78.686 ug/L
RT: 12.992 min Scan# 3624
Delta R.T. -0.000 min
Lab File: VU051998.D
Acq: 21 Nov 2022 15:33

Tgt Ion: 75 Resp: 138369
Ion Ratio Lower Upper
75 100
155 85.4 66.3 99.5
157 110.5 82.8 124.2





#69

1,3,5-Trichlorobenzene

Concen: 96.997 ug/L

RT: 13.214 min Scan# 3693

Delta R.T. -0.004 min

Lab File: VU051998.D

Acq: 21 Nov 2022 15:33

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:180 Resp: 528923

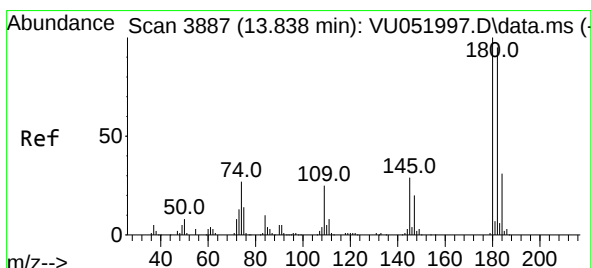
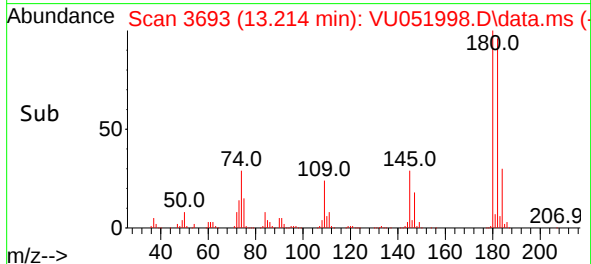
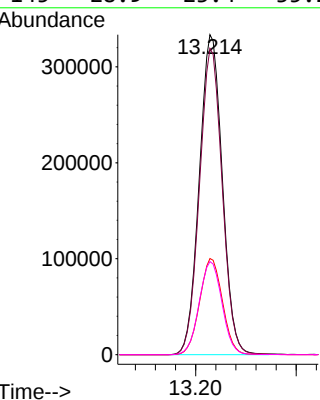
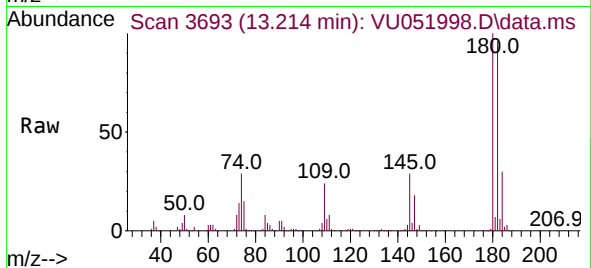
Ion Ratio Lower Upper

180 100

182 94.7 77.2 115.8

184 29.9 24.6 36.8

145 28.9 23.4 35.2



#70

1,2,4-trichlorobenzene

Concen: 105.741 ug/L

RT: 13.835 min Scan# 3886

Delta R.T. -0.003 min

Lab File: VU051998.D

Acq: 21 Nov 2022 15:33

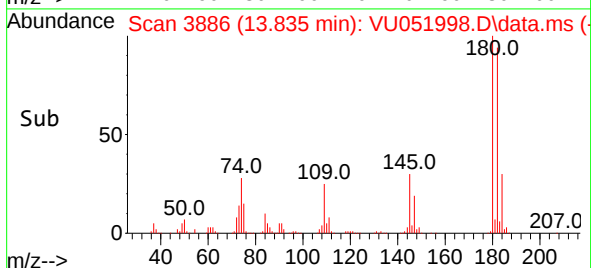
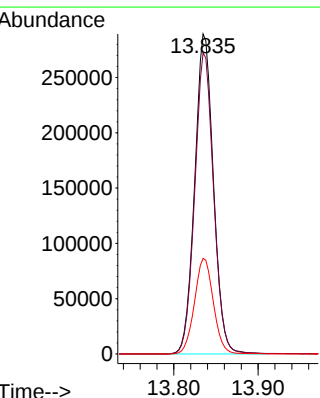
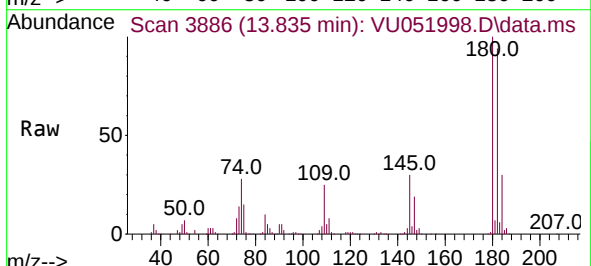
Tgt Ion:180 Resp: 448554

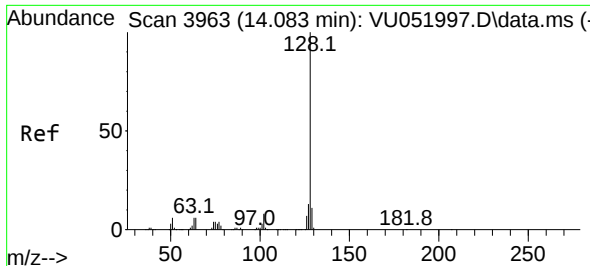
Ion Ratio Lower Upper

180 100

182 94.7 75.4 113.2

145 30.1 23.4 35.0

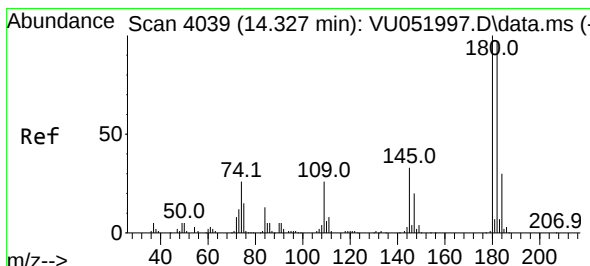
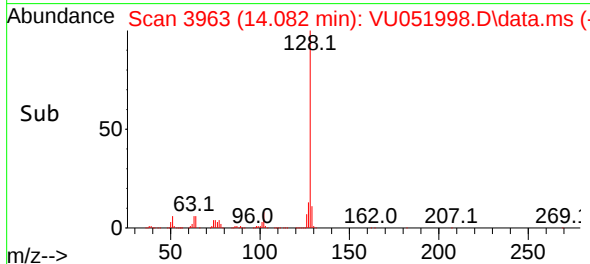
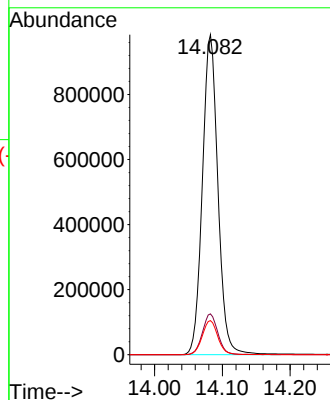
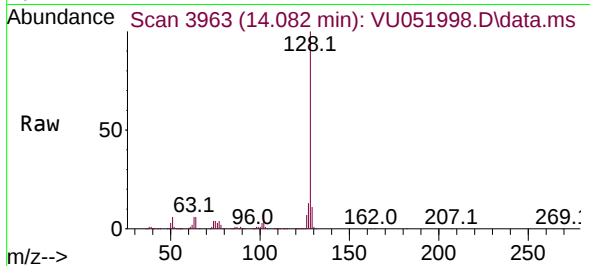




#71
Naphthalene
Concen: 114.344 ug/L
RT: 14.082 min Scan# 3963
Delta R.T. -0.000 min
Lab File: VU051998.D
Acq: 21 Nov 2022 15:33

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 1565614
Ion Ratio Lower Upper
128 100
127 12.7 10.3 15.5
129 10.7 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 106.145 ug/L
RT: 14.323 min Scan# 4038
Delta R.T. -0.004 min
Lab File: VU051998.D
Acq: 21 Nov 2022 15:33

Tgt Ion:180 Resp: 480928
Ion Ratio Lower Upper
180 100
182 94.8 76.1 114.1
145 32.0 25.8 38.6

