

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100622\
 Data File : VU051185.D
 Acq On : 06 Oct 2022 20:30
 Operator : JC/MD
 Sample : N4853-02MS
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EW825MS

Quant Time: Oct 07 01:34:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 07 01:29:24 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	402549	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	411927	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	198306	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	155147	38.030	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	76.060%		
7) Chloroethane-d5	1.896	69	139270	36.750	ug/L	-0.01
Spiked Amount 50.000	Range 70 - 130		Recovery =	73.500%		
11) 1,1-Dichloroethene-d2	2.562	63	256035	42.487	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	84.980%		
21) 2-Butanone-d5	4.620	46	203759	77.007	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	77.010%		
24) Chloroform-d	5.060	84	291891	44.409	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.820%		
26) 1,2-Dichloroethane-d4	5.700	65	182279	44.804	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	89.600%		
32) Benzene-d6	5.726	84	567956	47.083	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.160%		
36) 1,2-Dichloropropane-d6	6.690	67	188022	48.035	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	96.080%		
41) Toluene-d8	7.896	98	506375	45.435	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	90.860%		
43) trans-1,3-Dichloroprop...	8.176	79	77502	41.512	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	83.020%		
47) 2-Hexanone-d5	8.632	63	106434	67.341	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	67.340%		
56) 1,1,2,2-Tetrachloroeth...	10.754	84	299815	43.827	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	87.660%		
66) 1,2-Dichlorobenzene-d4	12.192	152	176806	41.735	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	83.480%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	146718	43.465	ug/L	99
3) Chloromethane	1.523	50	197852	49.609	ug/L	99
5) Vinyl chloride	1.600	62	201950	47.712	ug/L	98
6) Bromomethane	1.832	94	100148	28.564	ug/L	100
8) Chloroethane	1.919	64	129486	41.661	ug/L	98
9) Trichlorofluoromethane	2.128	101	231302	40.642	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.571	101	136729	44.492	ug/L	98
12) 1,1-Dichloroethene	2.575	96	129675	45.172	ug/L	87
13) Acetone	2.623	43	168853	79.915	ug/L	98
14) Carbon disulfide	2.787	76	377349	44.469	ug/L	99
15) Methyl Acetate	2.944	43	168739	43.743	ug/L	96
16) Methylene chloride	3.041	84	184902	44.869	ug/L	96
17) trans-1,2-Dichloroethene	3.350	96	138430	45.328	ug/L	96
18) Methyl tert-butyl Ether	3.362	73	445195	47.969	ug/L	98
19) 1,1-Dichloroethane	3.864	63	297651	51.309	ug/L	100
20) cis-1,2-Dichloroethene	4.665	96	162638	47.695	ug/L	95
22) 2-Butanone	4.700	43	255679	87.583	ug/L	97
23) Bromochloromethane	4.970	128	91837	49.154	ug/L	89
25) Chloroform	5.086	83	310448	49.199	ug/L	98

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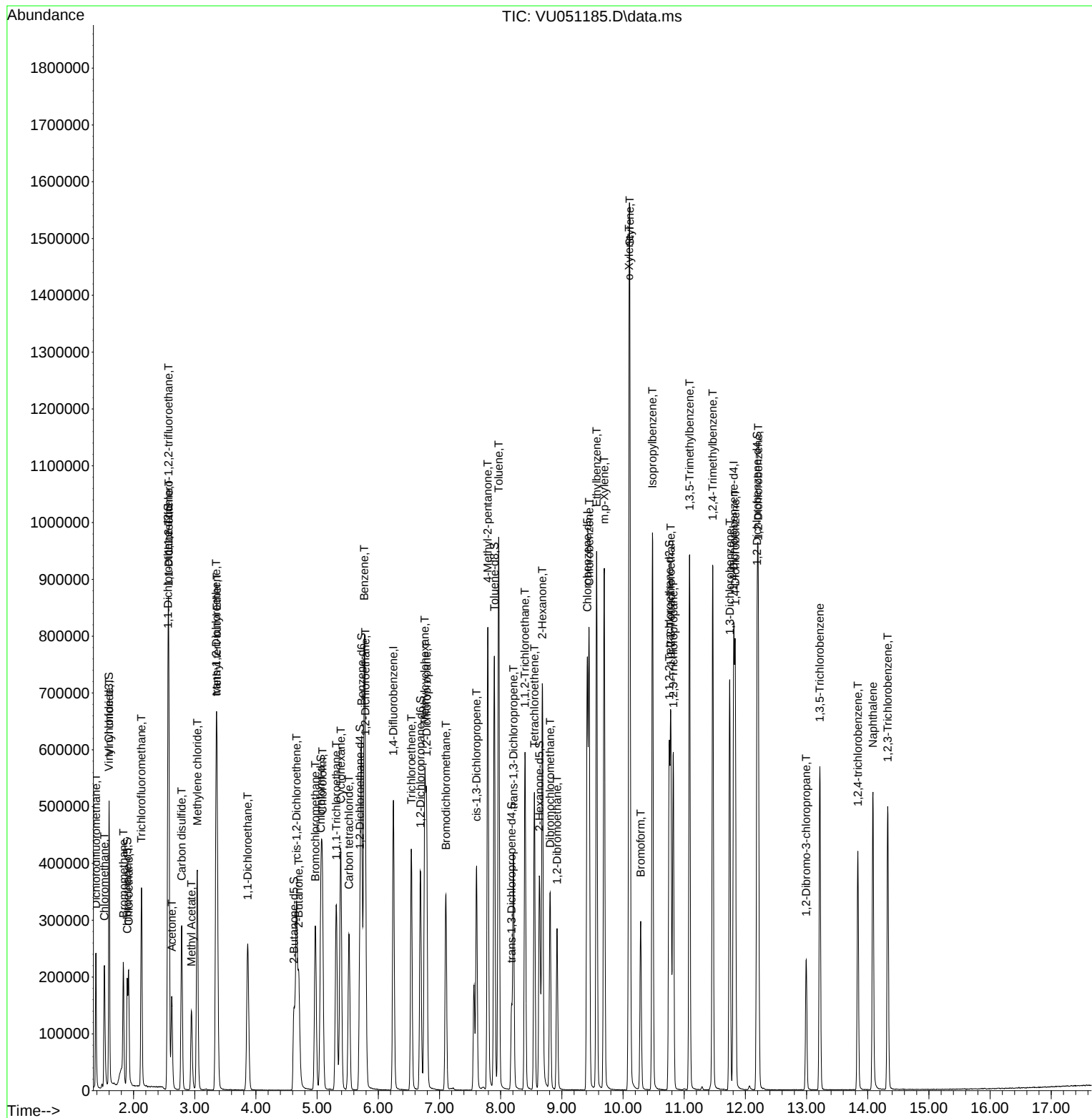
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.790	62	239166	49.479	ug/L	97
29) Cyclohexane	5.385	56	193836	48.327	ug/L	95
30) 1,1,1-Trichloroethane	5.314	97	235033	48.651	ug/L	99
31) Carbon tetrachloride	5.520	117	186620	47.346	ug/L	99
33) Benzene	5.771	78	684276	54.488	ug/L	100
34) Trichloroethene	6.539	95	149105	45.840	ug/L	98
35) Methylcyclohexane	6.761	83	190278	42.980	ug/L	95
37) 1,2-Dichloropropane	6.790	63	186707	55.209	ug/L	100
38) Bromodichloromethane	7.105	83	231341	51.259	ug/L	100
39) cis-1,3-Dichloropropene	7.607	75	224018	46.773	ug/L	100
40) 4-Methyl-2-pentanone	7.790	43	497307	101.541	ug/L	98
42) Toluene	7.967	91	722328	54.075	ug/L	99
44) trans-1,3-Dichloropropene	8.208	75	227195	46.916	ug/L	97
45) 1,1,2-Trichloroethane	8.398	97	184476	50.360	ug/L	98
46) Tetrachloroethene	8.552	164	115202	46.735	ug/L	98
48) 2-Hexanone	8.681	43	419979	94.410	ug/L	99
49) Dibromochloromethane	8.809	129	176804	45.907	ug/L	97
50) 1,2-Dibromoethane	8.922	107	185387	46.678	ug/L	96
51) Chlorobenzene	9.446	112	424511	46.732	ug/L	99
52) Ethylbenzene	9.568	91	643632	45.173	ug/L	98
53) m,p-Xylene	9.693	106	256193	47.815	ug/L	99
54) o-Xylene	10.099	106	256251	47.848	ug/L	100
55) Styrene	10.111	104	458713	49.557	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.780	83	322315	49.716	ug/L	100
59) Bromoform	10.288	173	130480	44.719	ug/L	99
60) 1,2,3-Trichloropropane	10.822	75	254353	48.740	ug/L	98
61) Isopropylbenzene	10.481	105	609935	47.347	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	491827	46.690	ug/L	99
63) 1,2,4-Trimethylbenzene	11.465	105	495868	46.968	ug/L	100
64) 1,3-Dichlorobenzene	11.745	146	297914	44.859	ug/L	98
65) 1,4-Dichlorobenzene	11.835	146	292364	44.040	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	317760	46.571	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.992	75	60531	39.747	ug/L	97
69) 1,3,5-Trichlorobenzene	13.217	180	176429	39.176	ug/L	99
70) 1,2,4-trichlorobenzene	13.838	180	130769	35.490	ug/L	100
71) Naphthalene	14.085	128	427610	32.424	ug/L	99
72) 1,2,3-Trichlorobenzene	14.327	180	154586	37.597	ug/L	99

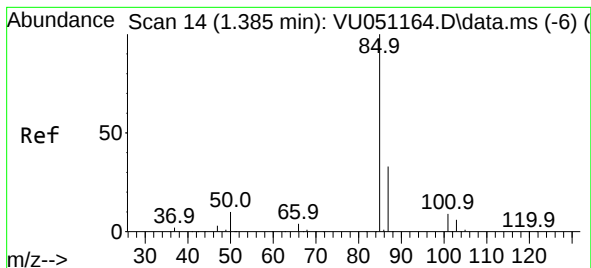
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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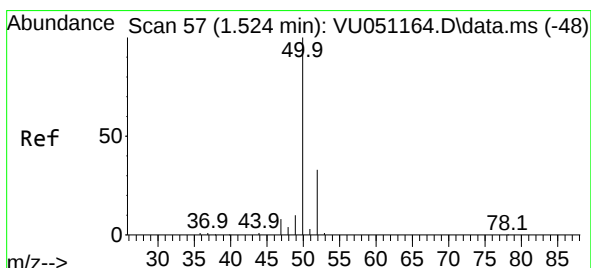
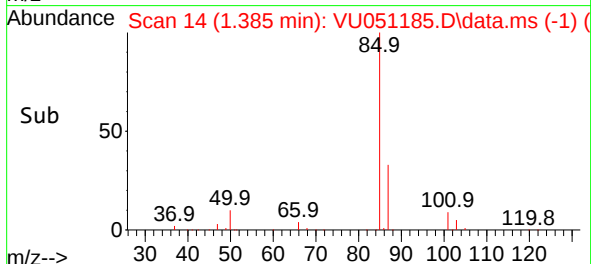
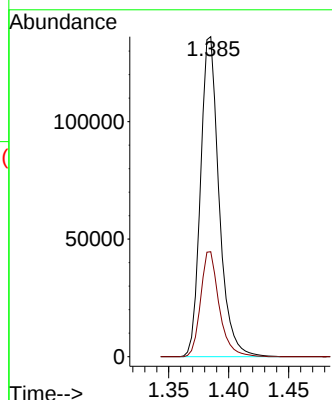
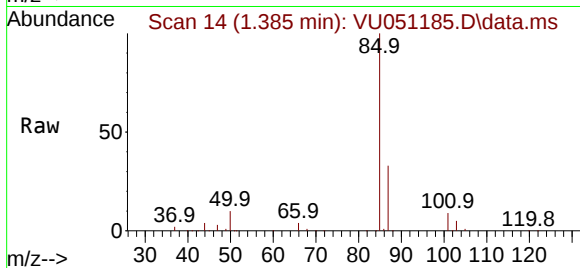




#2
Dichlorodifluoromethane
Concen: 43.465 ug/L
RT: 1.385 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU051185.D
Acq: 06 Oct 2022 20:30

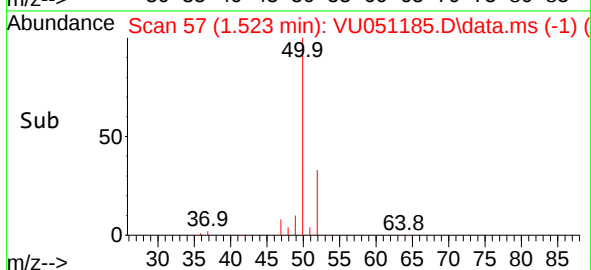
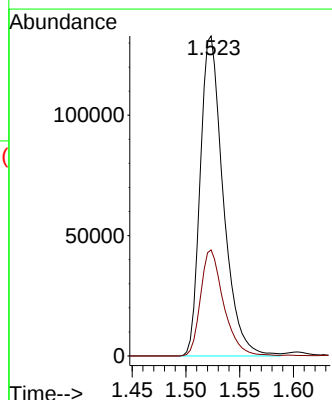
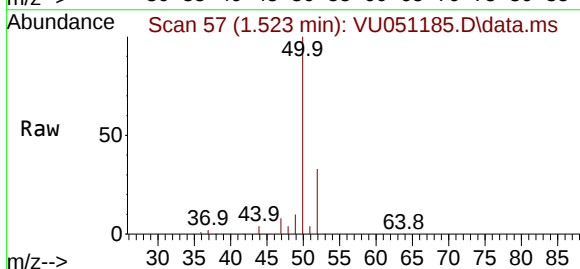
Instrument :
MSVOA_U
ClientSampleId :
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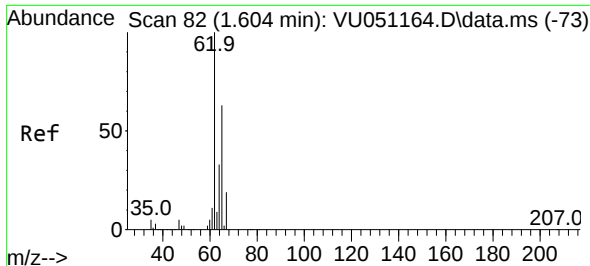
Tgt Ion: 85 Resp: 146718
Ion Ratio Lower Upper
85 100
87 32.9 25.9 38.9



#3
Chloromethane
Concen: 49.609 ug/L
RT: 1.523 min Scan# 57
Delta R.T. -0.000 min
Lab File: VU051185.D
Acq: 06 Oct 2022 20:30

Tgt Ion: 50 Resp: 197852
Ion Ratio Lower Upper
50 100
52 33.1 23.7 44.1

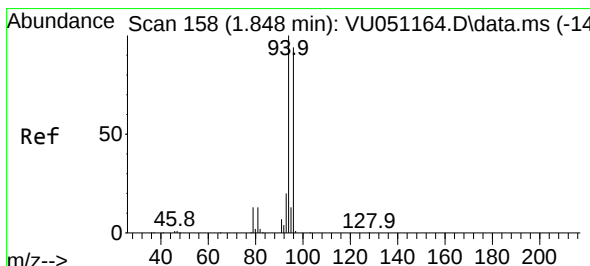
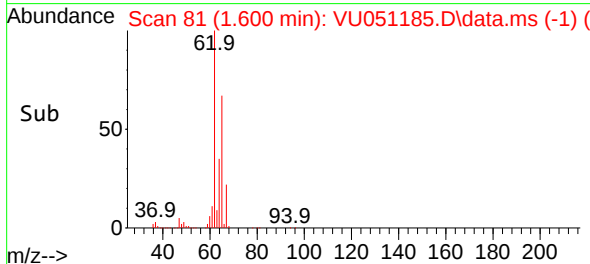
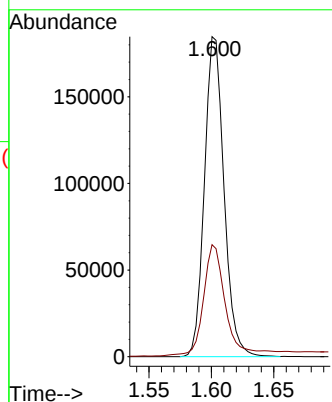
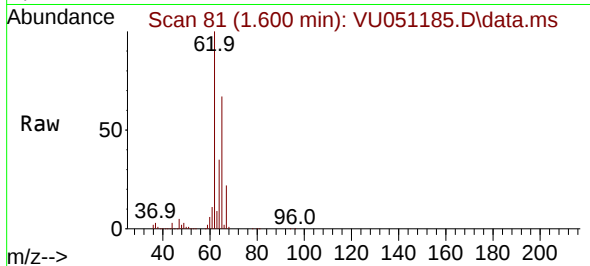




#5
 Vinyl chloride
 Concen: 47.712 ug/L
 RT: 1.600 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: VU051185.D
 Acq: 06 Oct 2022 20:30

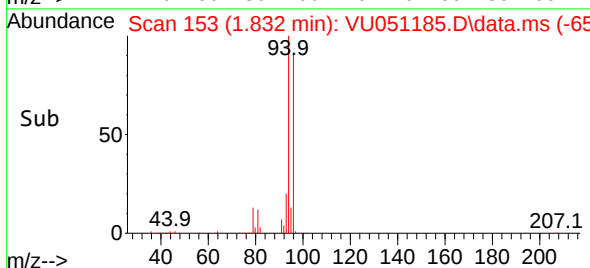
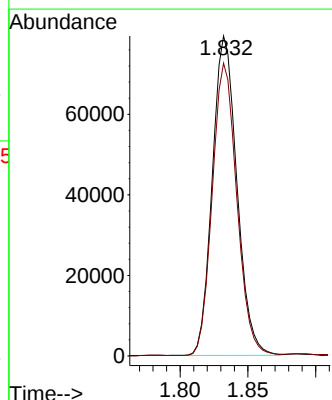
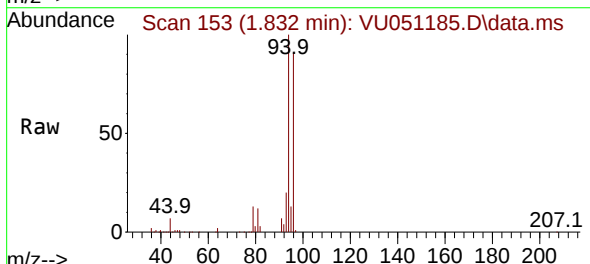
Instrument :
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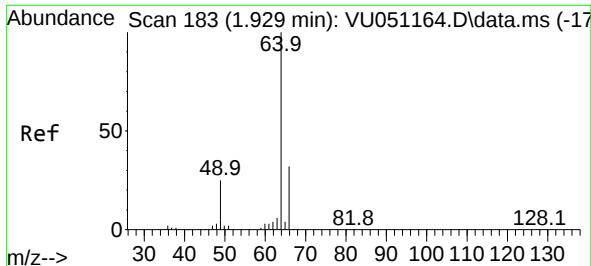
Tgt Ion: 62 Resp: 201950
 Ion Ratio Lower Upper
 62 100
 64 35.0 23.5 43.7



#6
 Bromomethane
 Concen: 28.564 ug/L
 RT: 1.832 min Scan# 153
 Delta R.T. -0.016 min
 Lab File: VU051185.D
 Acq: 06 Oct 2022 20:30

Tgt Ion: 94 Resp: 100148
 Ion Ratio Lower Upper
 94 100
 96 91.5 63.9 118.7

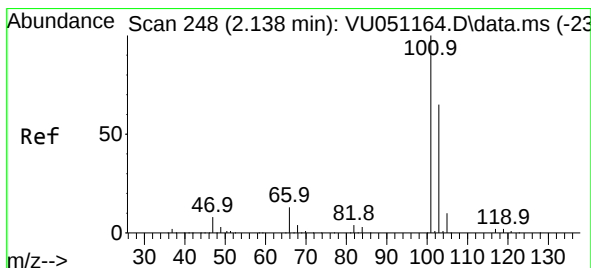
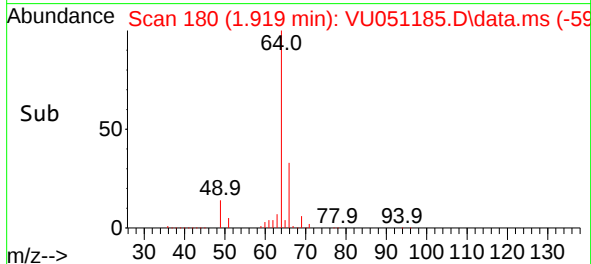
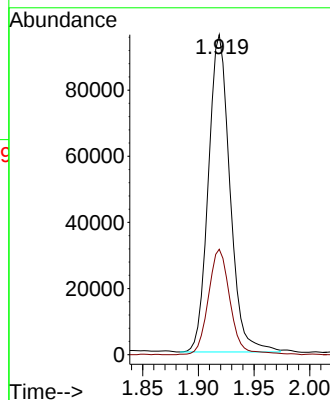
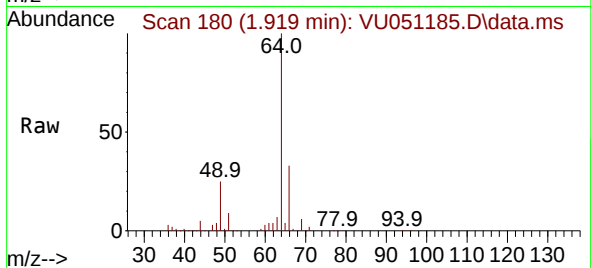




#8
Chloroethane
Concen: 41.661 ug/L
RT: 1.919 min Scan# 11
Delta R.T. -0.010 min
Lab File: VU051185.D
Acq: 06 Oct 2022 20:30

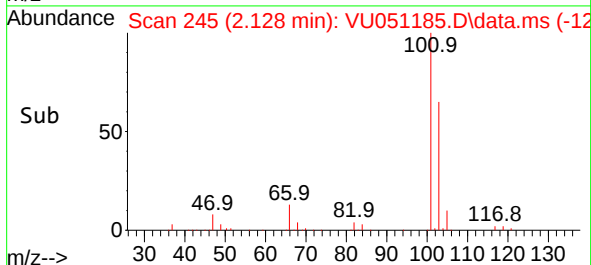
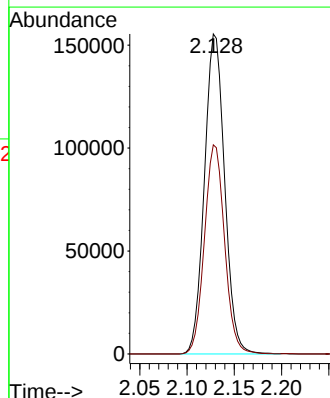
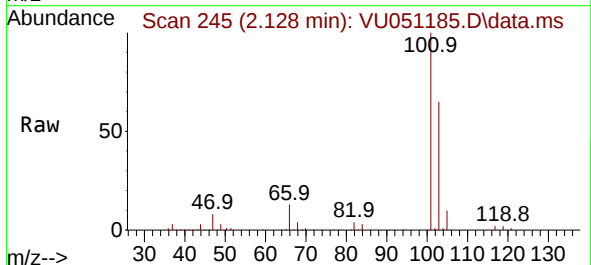
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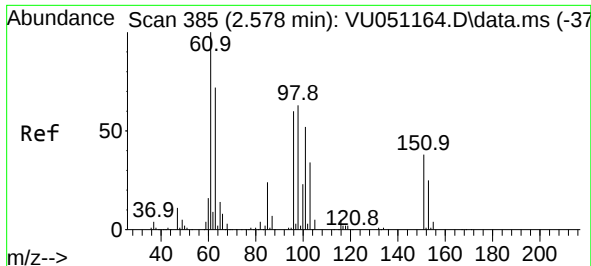
Tgt Ion: 64 Resp: 129486
Ion Ratio Lower Upper
64 100
66 33.0 22.3 41.3



#9
Trichlorofluoromethane
Concen: 40.642 ug/L
RT: 2.128 min Scan# 245
Delta R.T. -0.010 min
Lab File: VU051185.D
Acq: 06 Oct 2022 20:30

Tgt Ion:101 Resp: 231302
Ion Ratio Lower Upper
101 100
103 65.1 51.8 77.6

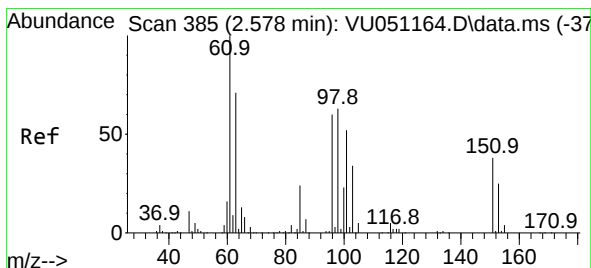
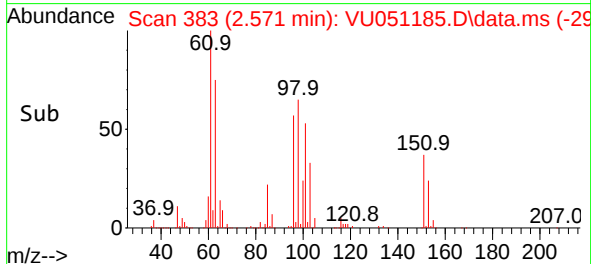
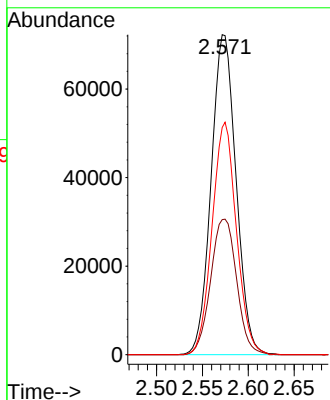
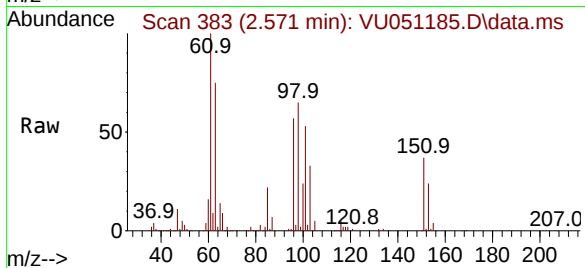




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 44.492 ug/L
RT: 2.571 min Scan# 383
Delta R.T. -0.007 min
Lab File: VU051185.D
Acq: 06 Oct 2022 20:30

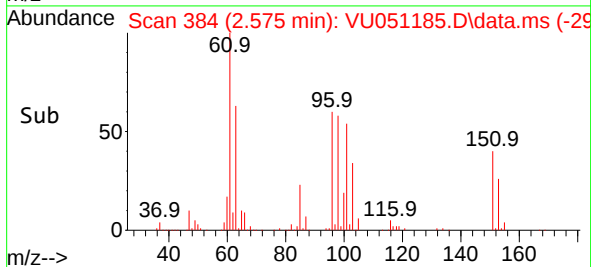
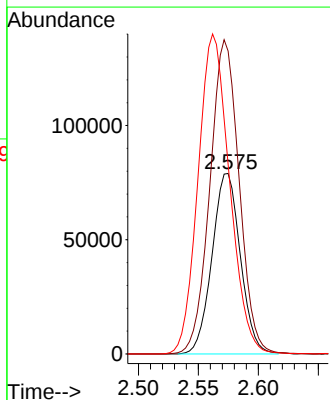
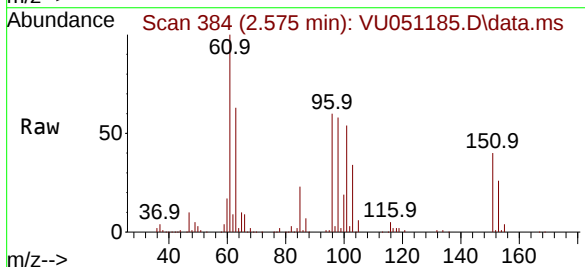
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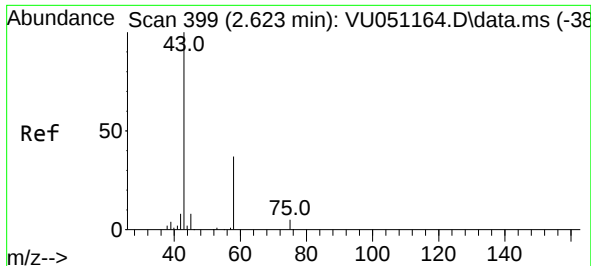
Tgt Ion:101 Resp: 136729
Ion Ratio Lower Upper
101 100
85 44.2 34.6 52.0
151 71.0 58.6 87.8



#12
1,1-Dichloroethene
Concen: 45.172 ug/L
RT: 2.575 min Scan# 384
Delta R.T. -0.003 min
Lab File: VU051185.D
Acq: 06 Oct 2022 20:30

Tgt Ion: 96 Resp: 129675
Ion Ratio Lower Upper
96 100
61 167.9 113.0 209.9
63 105.1 91.7 170.3





#13

Acetone

Concen: 79.915 ug/L

RT: 2.623 min Scan# 399

Delta R.T. -0.000 min

Lab File: VU051185.D

Acq: 06 Oct 2022 20:30

Instrument :

MSVOA_U

ClientSampleId :

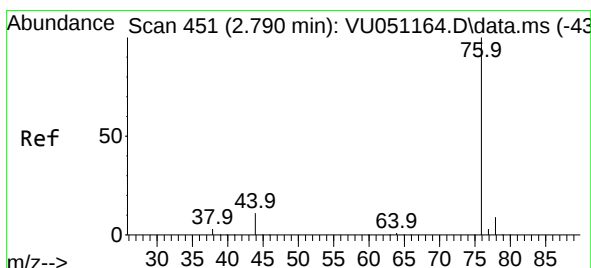
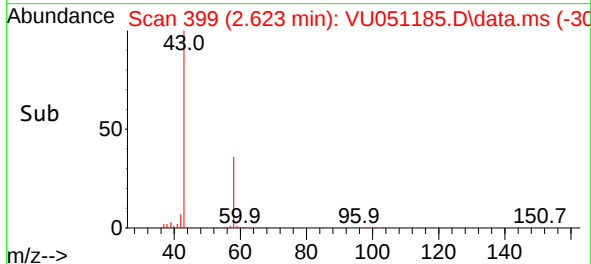
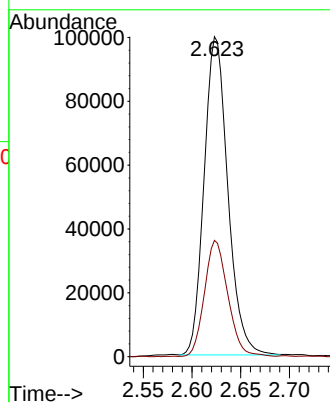
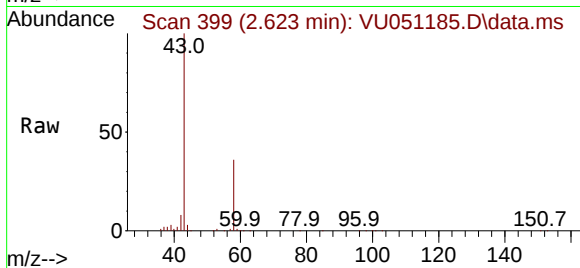
EW825MS

Tgt Ion: 43 Resp: 168853

Ion Ratio Lower Upper

43 100

58 35.9 0.0 73.6



#14

Carbon disulfide

Concen: 44.469 ug/L

RT: 2.787 min Scan# 450

Delta R.T. -0.003 min

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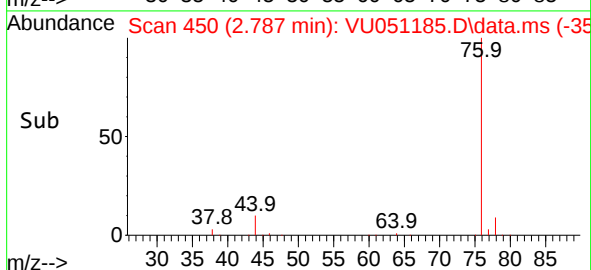
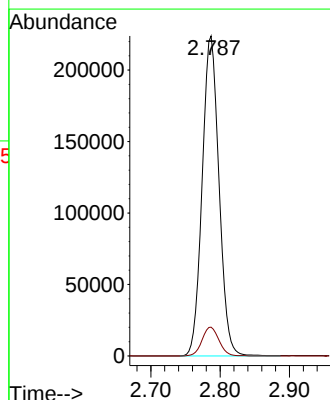
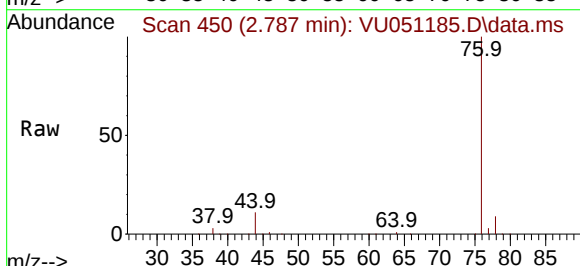
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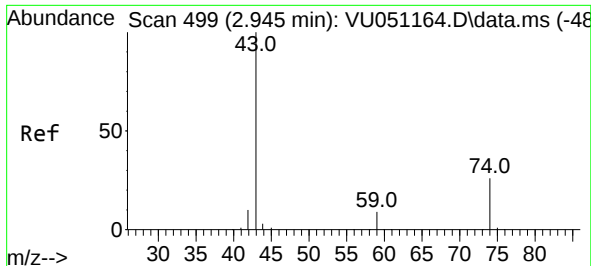
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Ion Ratio Lower Upper

76 100

78 9.0 7.4 11.0

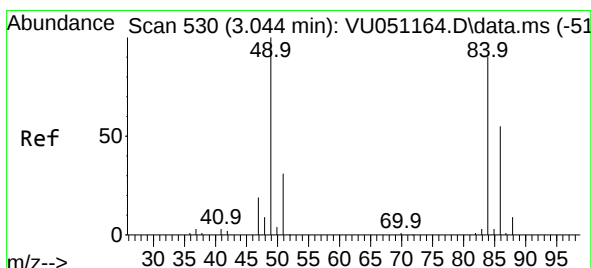
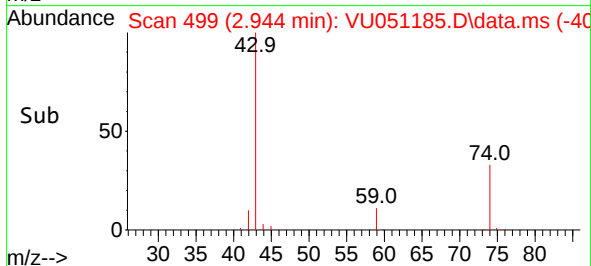
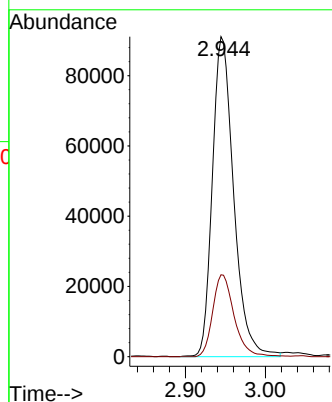
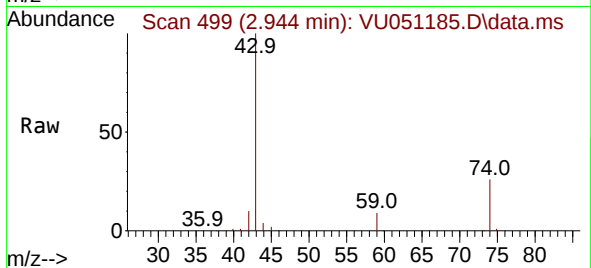




#15
Methyl Acetate
Concen: 43.743 ug/L
RT: 2.944 min Scan# 499
Delta R.T. -0.000 min
Lab File: VU051185.D
Acq: 06 Oct 2022 20:30

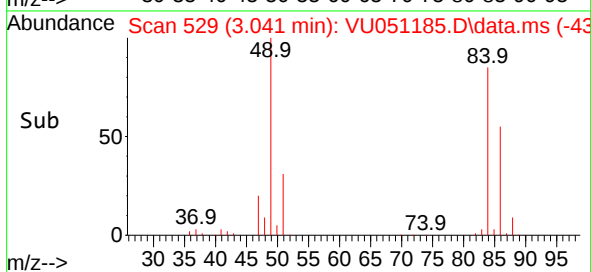
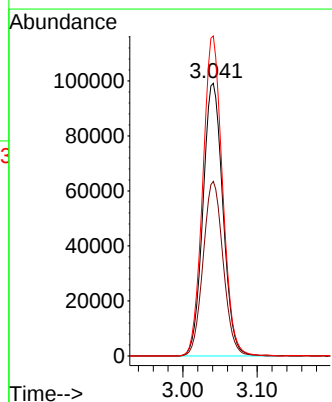
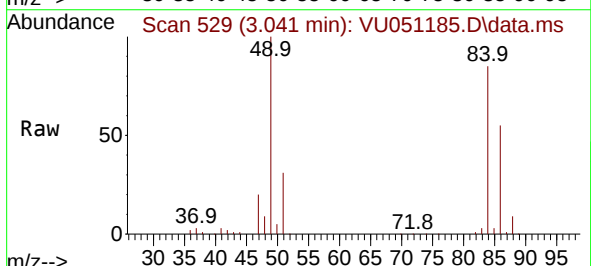
Instrument :
MSVOA_U
ClientSampleId :
EW825MS

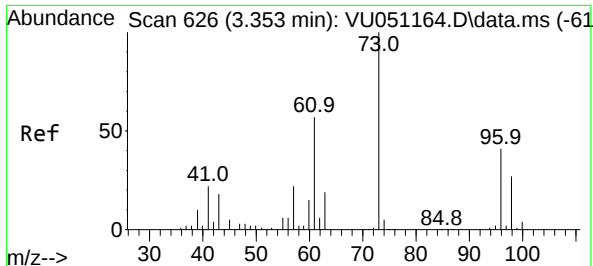
Tgt Ion: 43 Resp: 168739
Ion Ratio Lower Upper
43 100
74 25.7 22.4 33.6



#16
Methylene chloride
Concen: 44.869 ug/L
RT: 3.041 min Scan# 529
Delta R.T. -0.003 min
Lab File: VU051185.D
Acq: 06 Oct 2022 20:30

Tgt Ion: 84 Resp: 184902
Ion Ratio Lower Upper
84 100
86 64.0 45.4 84.4
49 117.3 78.3 145.3





#17

trans-1,2-Dichloroethene

Concen: 45.328 ug/L

RT: 3.350 min Scan# 61

Delta R.T. -0.003 min

Lab File: VU051185.D

Acq: 06 Oct 2022 20:30

Instrument :

MSVOA_U

ClientSampleId :

EW825MS

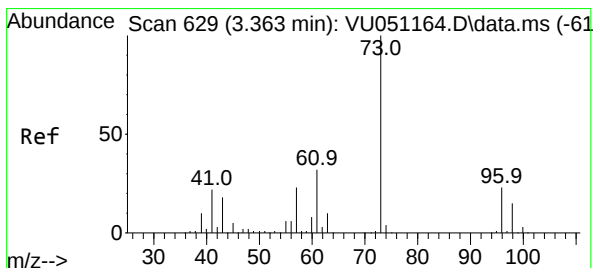
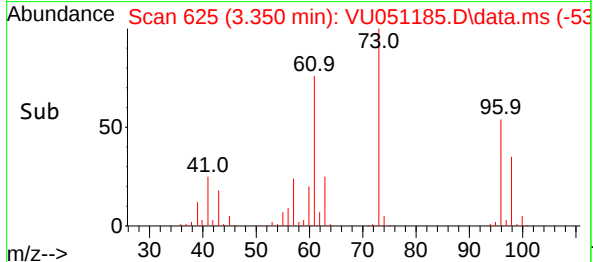
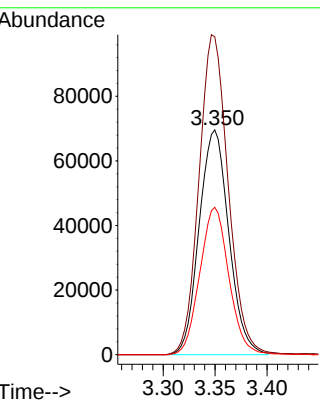
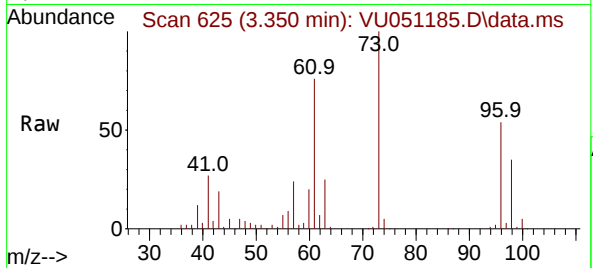
Tgt Ion: 96 Resp: 138430

Ion Ratio Lower Upper

96 100

61 141.4 95.1 176.5

98 65.5 45.1 83.7



#18

Methyl tert-butyl Ether

Concen: 47.969 ug/L

RT: 3.362 min Scan# 629

Delta R.T. -0.000 min

Lab File: VU051185.D

Acq: 06 Oct 2022 20:30

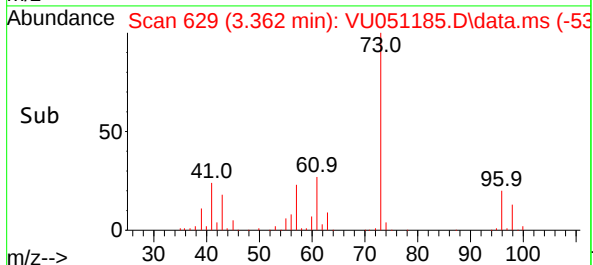
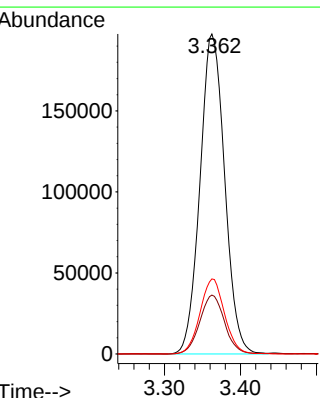
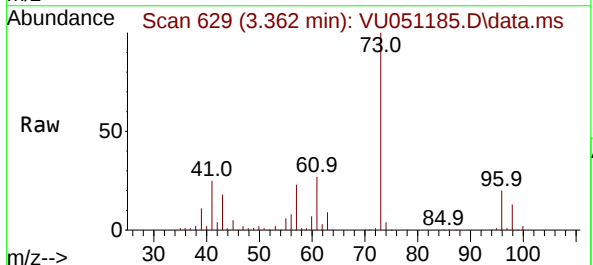
Tgt Ion: 73 Resp: 445195

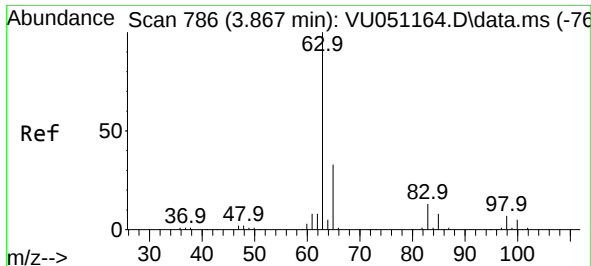
Ion Ratio Lower Upper

73 100

43 18.4 14.7 22.1

57 23.3 17.5 26.3





#19

1,1-Dichloroethane

Concen: 51.309 ug/L

RT: 3.864 min Scan# 786

Delta R.T. -0.003 min

Lab File: VU051185.D

Acq: 06 Oct 2022 20:30

Instrument :

MSVOA_U

ClientSampleId :

EW825MS

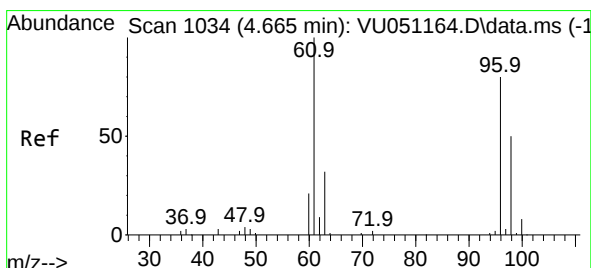
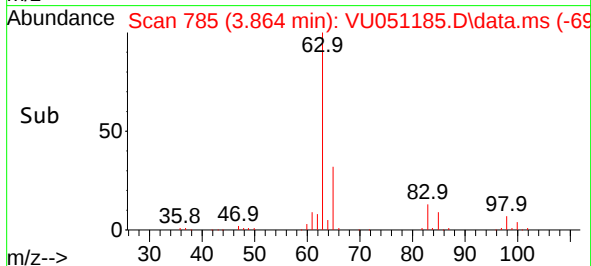
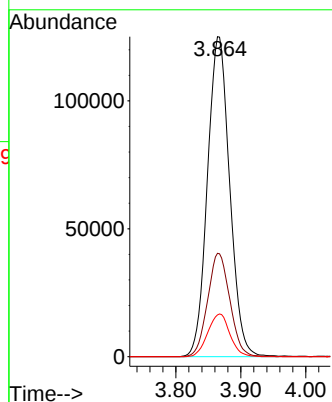
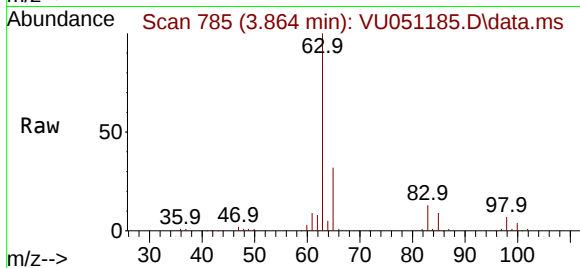
Tgt Ion: 63 Resp: 297651

Ion Ratio Lower Upper

63 100

65 32.3 22.6 42.0

83 13.0 9.4 17.4



#20

cis-1,2-Dichloroethene

Concen: 47.695 ug/L

RT: 4.665 min Scan# 1034

Delta R.T. -0.000 min

Lab File: VU051185.D

Acq: 06 Oct 2022 20:30

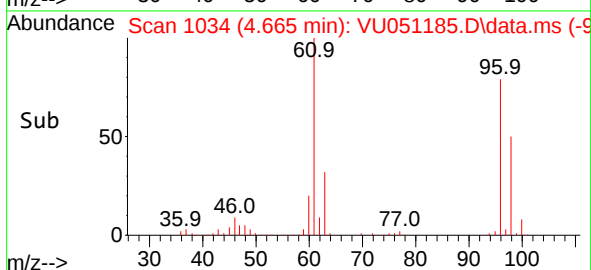
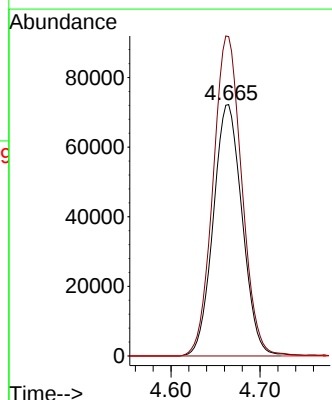
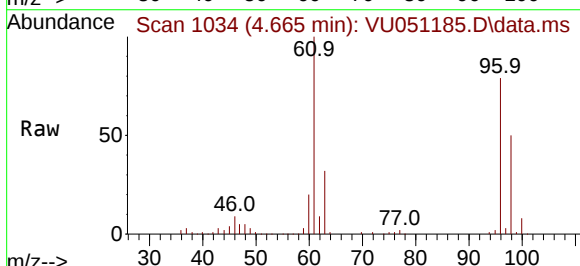
Tgt Ion: 96 Resp: 162638

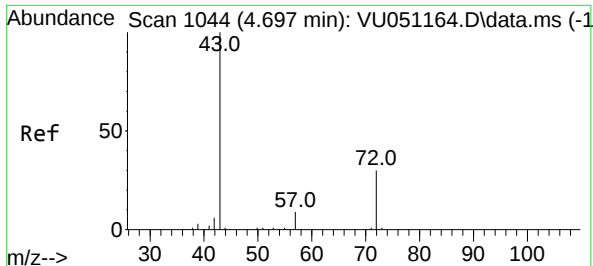
Ion Ratio Lower Upper

96 100

61 127.1 85.4 158.6

68 0.0 0.0 0.0





#22

2-Butanone

Concen: 87.583 ug/L

RT: 4.700 min Scan# 110

Delta R.T. 0.003 min

Lab File: VU051185.D

Acq: 06 Oct 2022 20:30

Instrument :

MSVOA_U

ClientSampleId :

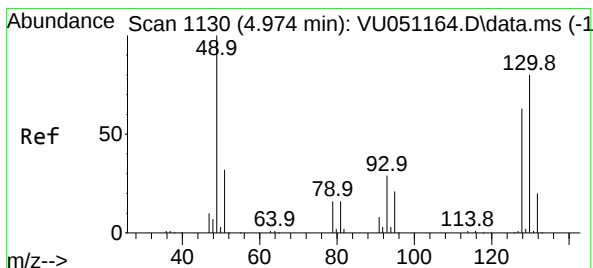
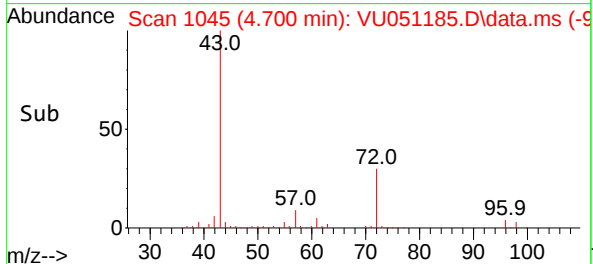
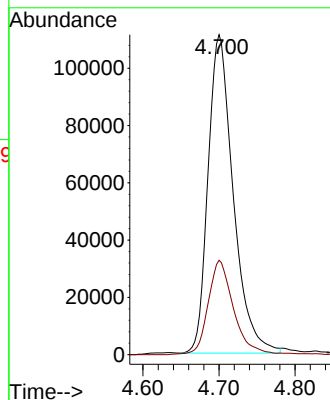
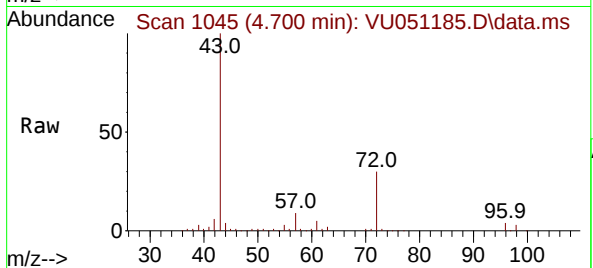
EW825MS

Tgt Ion: 43 Resp: 255679

Ion Ratio Lower Upper

43 100

72 29.7 15.8 47.4



#23

Bromochloromethane

Concen: 49.154 ug/L

RT: 4.970 min Scan# 1129

Delta R.T. -0.003 min

Lab File: VU051185.D

Acq: 06 Oct 2022 20:30

Tgt Ion:128 Resp: 91837

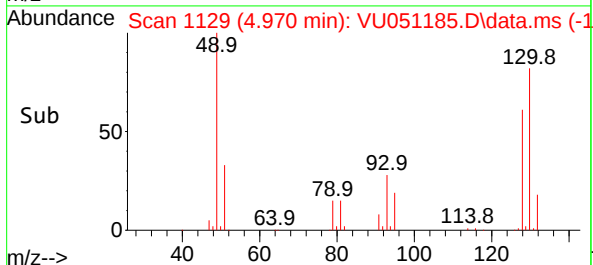
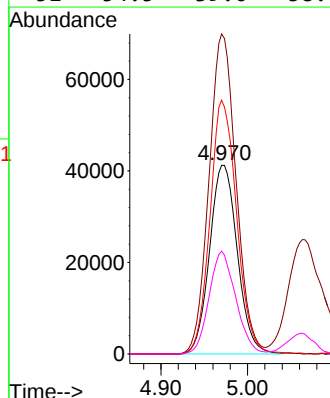
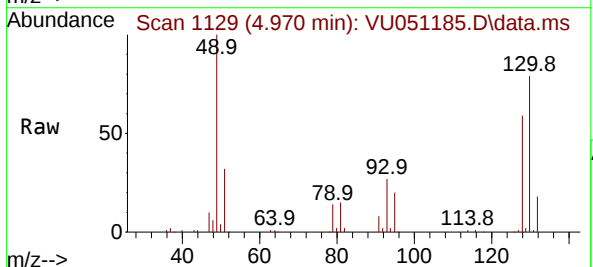
Ion Ratio Lower Upper

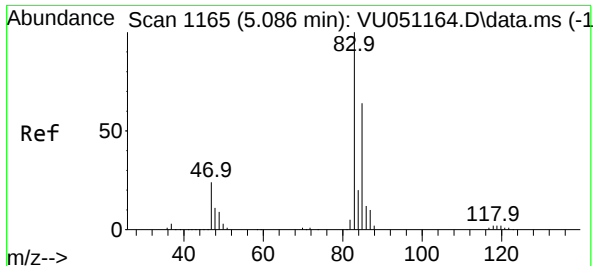
128 100

49 169.6 106.9 198.5

130 134.4 86.2 160.0

51 54.5 39.0 58.4





#25

Chloroform

Concen: 49.199 ug/L

RT: 5.086 min Scan# 1165

Delta R.T. -0.000 min

Lab File: VU051185.D

Acq: 06 Oct 2022 20:30

Instrument :

MSVOA_U

ClientSampleId :

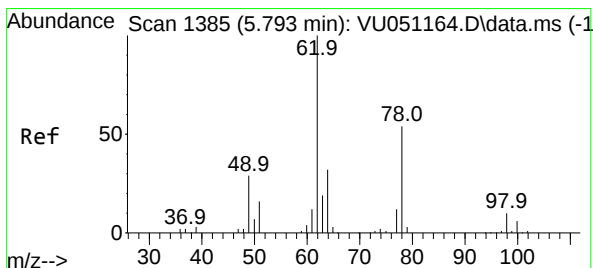
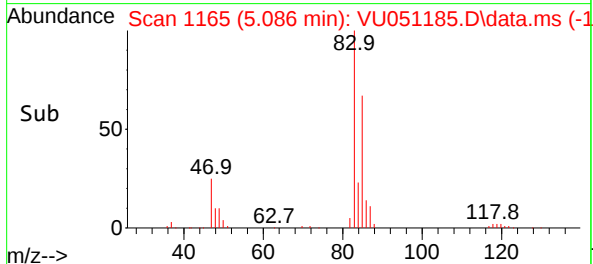
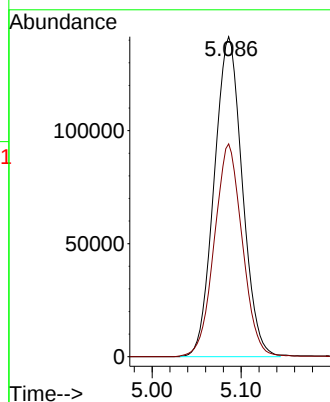
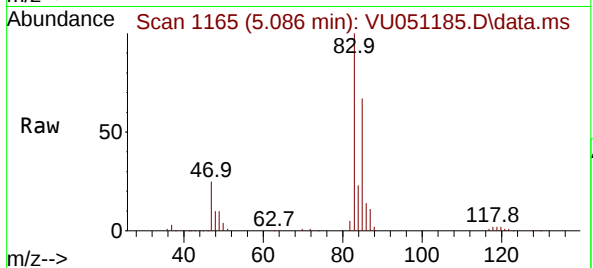
EW825MS

Tgt Ion: 83 Resp: 310448

Ion Ratio Lower Upper

83 100

85 66.5 45.7 84.9



#27

1,2-Dichloroethane

Concen: 49.479 ug/L

RT: 5.790 min Scan# 1384

Delta R.T. -0.003 min

Lab File: VU051185.D

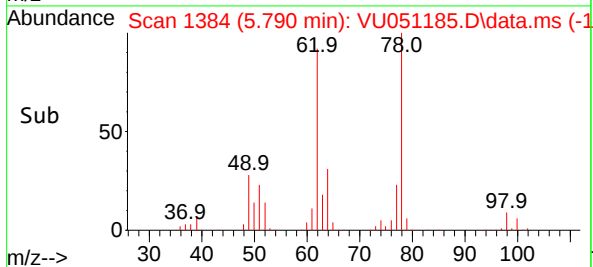
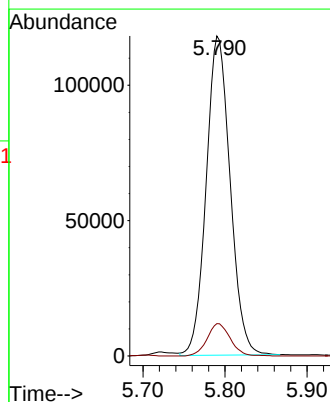
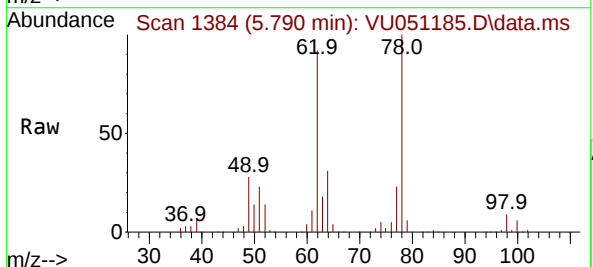
Acq: 06 Oct 2022 20:30

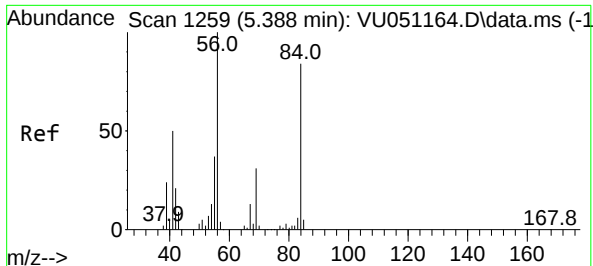
Tgt Ion: 62 Resp: 239166

Ion Ratio Lower Upper

62 100

98 10.1 7.3 10.9





#29

Cyclohexane

Concen: 48.327 ug/L

RT: 5.385 min Scan# 1259

Delta R.T. -0.003 min

Lab File: VU051185.D

Acq: 06 Oct 2022 20:30

Instrument :

MSVOA_U

ClientSampleId :

EW825MS

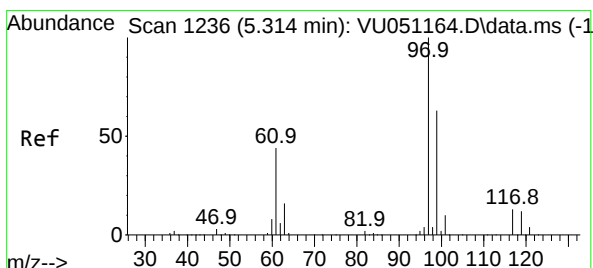
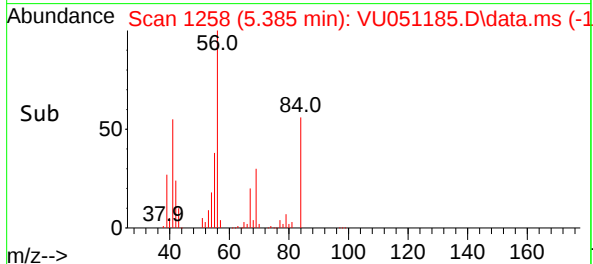
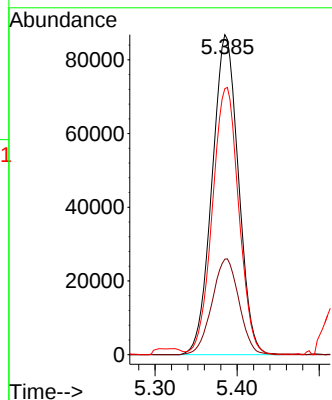
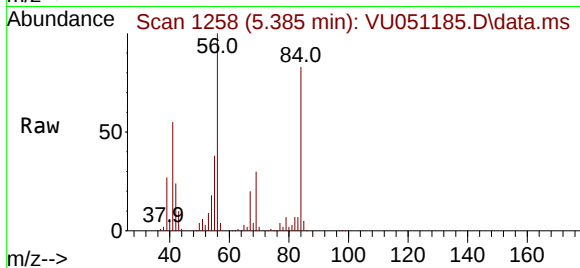
Tgt Ion: 56 Resp: 193836

Ion Ratio Lower Upper

56 100

69 30.8 24.8 37.2

84 83.3 71.8 107.6



#30

1,1,1-Trichloroethane

Concen: 48.651 ug/L

RT: 5.314 min Scan# 1236

Delta R.T. -0.000 min

Lab File: VU051185.D

Acq: 06 Oct 2022 20:30

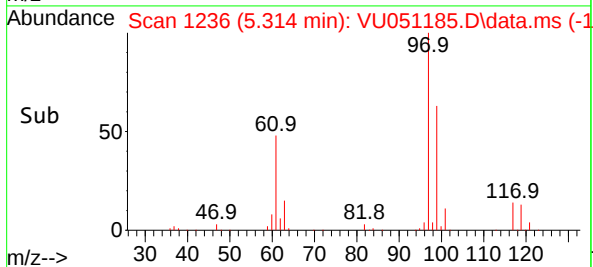
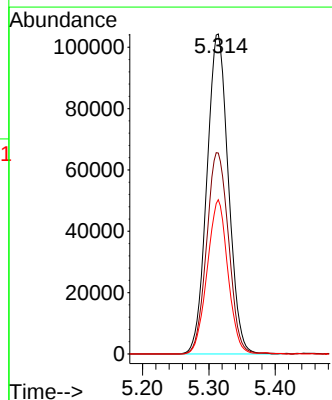
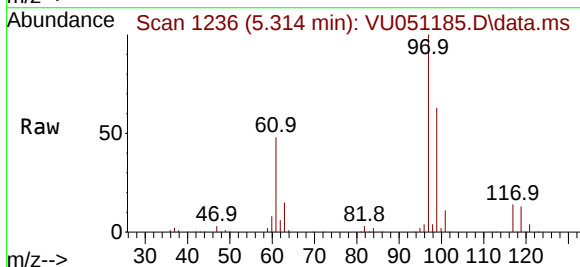
Tgt Ion: 97 Resp: 235033

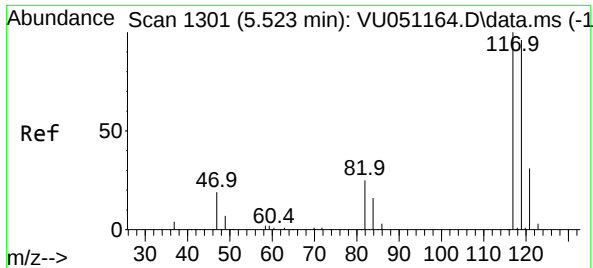
Ion Ratio Lower Upper

97 100

99 64.2 51.4 77.2

61 46.4 36.0 54.0

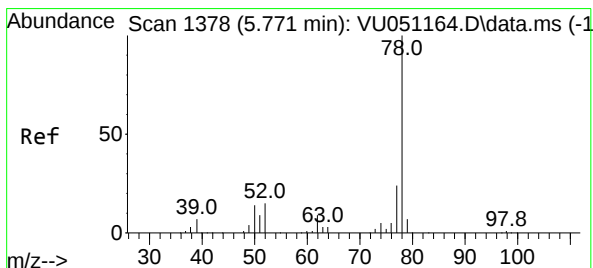
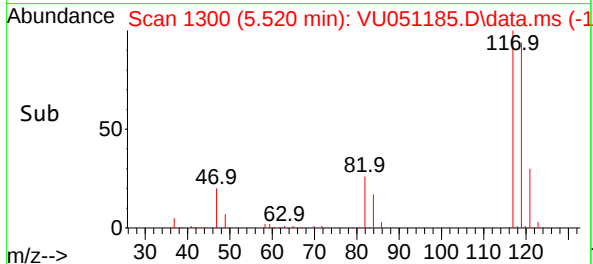
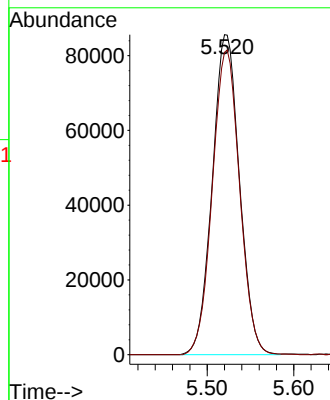
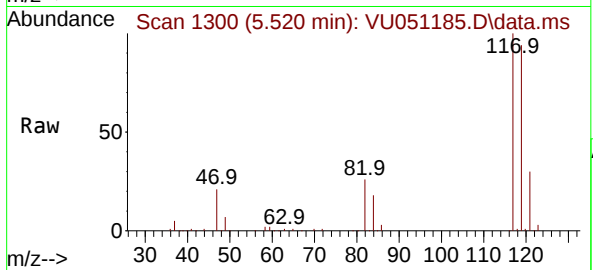




#31
Carbon tetrachloride
Concen: 47.346 ug/L
RT: 5.520 min Scan# 111
Delta R.T. -0.003 min
Lab File: VU051185.D
Acq: 06 Oct 2022 20:30

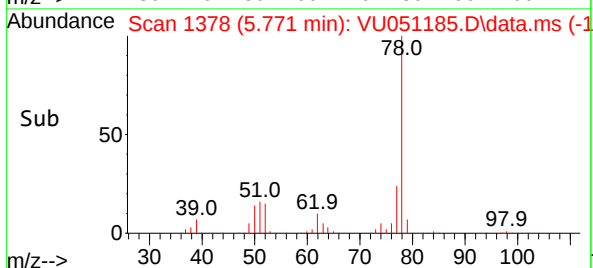
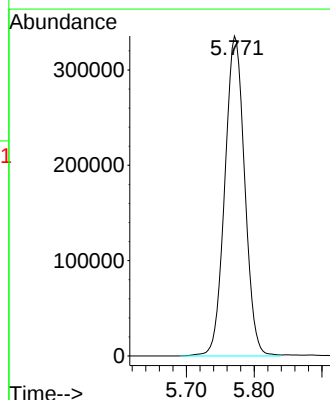
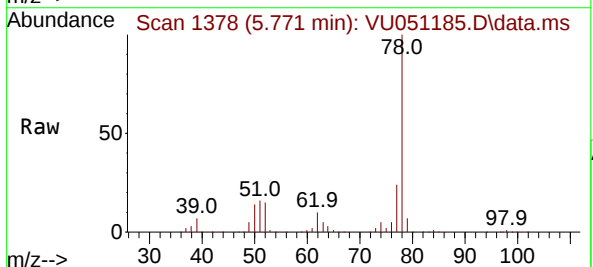
Instrument :
MSVOA_U
ClientSampleId :
EW825MS

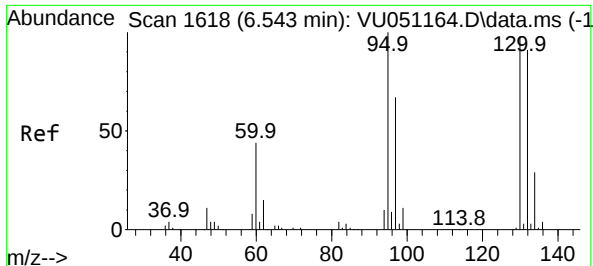
Tgt Ion:117 Resp: 186620
Ion Ratio Lower Upper
117 100
119 95.5 75.7 113.5



#33
Benzene
Concen: 54.488 ug/L
RT: 5.771 min Scan# 1378
Delta R.T. -0.000 min
Lab File: VU051185.D
Acq: 06 Oct 2022 20:30

Tgt Ion: 78 Resp: 684276





#34

Trichloroethene

Concen: 45.840 ug/L

RT: 6.539 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU051185.D

Acq: 06 Oct 2022 20:30

Instrument :

MSVOA_U

ClientSampleId :

EW825MS

Tgt Ion: 95 Resp: 149105

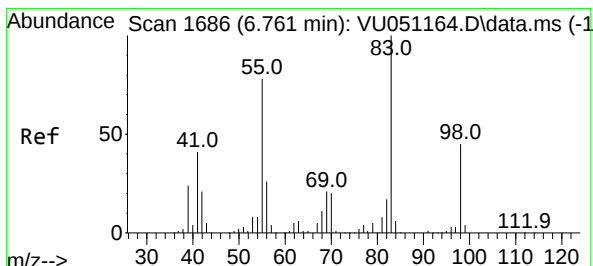
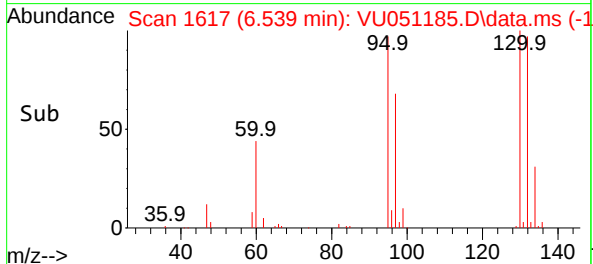
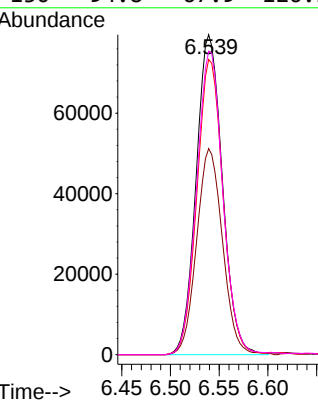
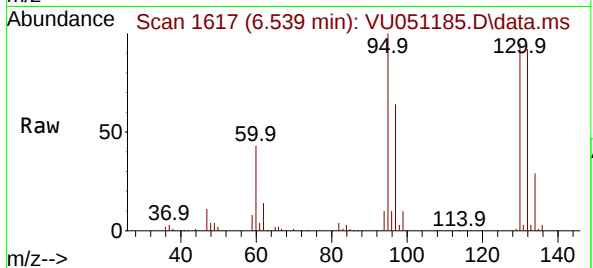
Ion Ratio Lower Upper

95 100

97 64.4 45.9 85.3

132 92.3 64.0 119.0

130 94.8 67.9 126.1



#35

Methylcyclohexane

Concen: 42.980 ug/L

RT: 6.761 min Scan# 1686

Delta R.T. -0.000 min

Lab File: VU051185.D

Acq: 06 Oct 2022 20:30

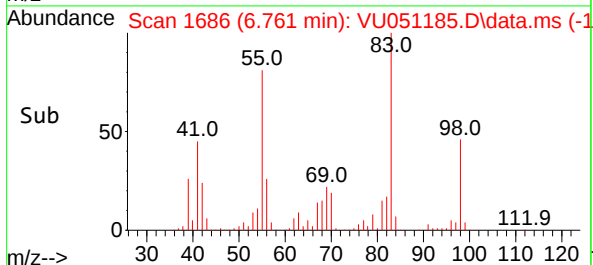
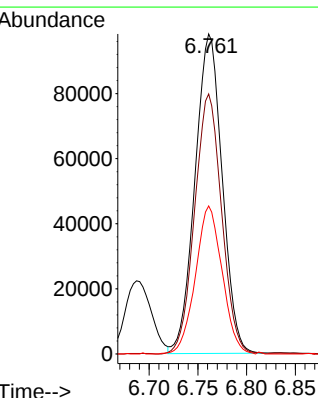
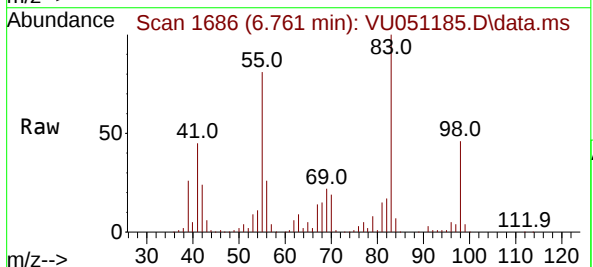
Tgt Ion: 83 Resp: 190278

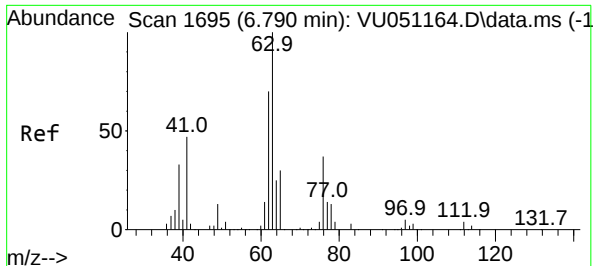
Ion Ratio Lower Upper

83 100

55 80.9 59.3 88.9

98 45.5 36.0 54.0





#37

1,2-Dichloropropane

Concen: 55.209 ug/L

RT: 6.790 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU051185.D

Acq: 06 Oct 2022 20:30

Instrument :

MSVOA_U

ClientSampleId :

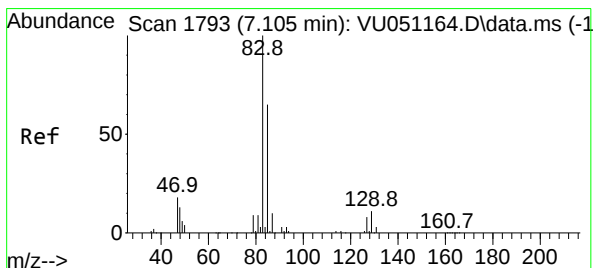
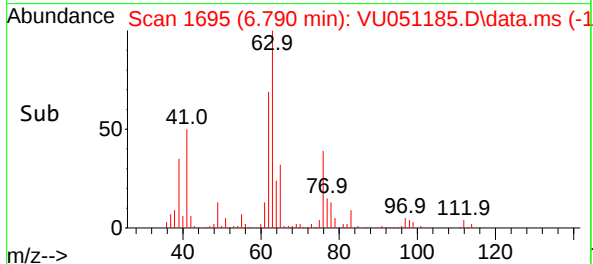
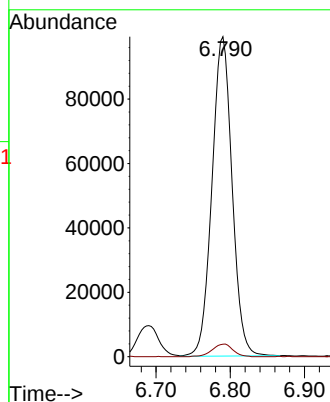
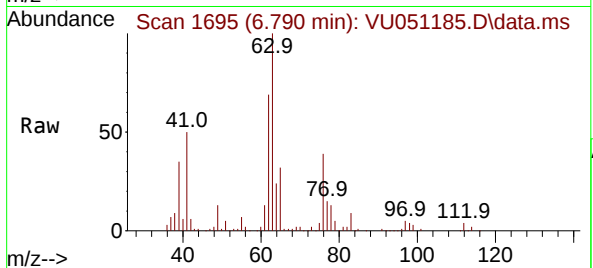
EW825MS

Tgt Ion: 63 Resp: 186707

Ion Ratio Lower Upper

63 100

112 4.1 3.3 4.9



#38

Bromodichloromethane

Concen: 51.259 ug/L

RT: 7.105 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VU051185.D

Acq: 06 Oct 2022 20:30

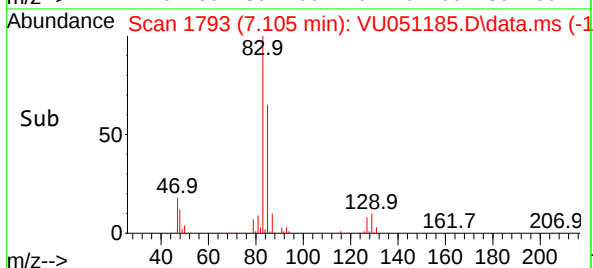
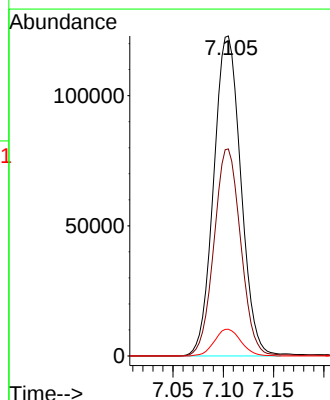
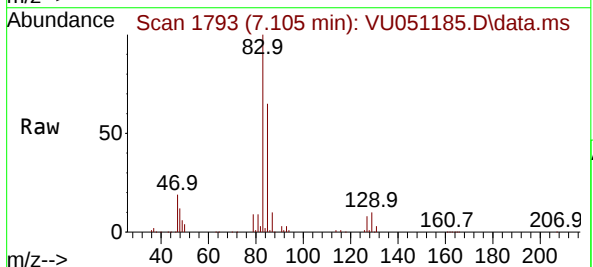
Tgt Ion: 83 Resp: 231341

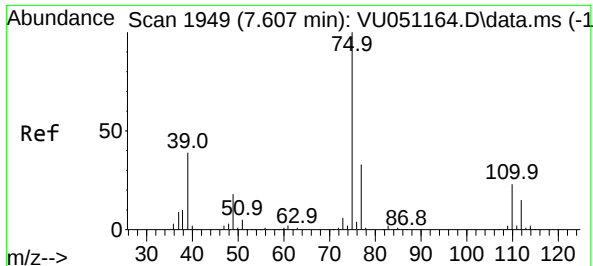
Ion Ratio Lower Upper

83 100

85 64.7 45.1 83.7

127 8.4 6.7 10.1





#39

cis-1,3-Dichloropropene

Concen: 46.773 ug/L

RT: 7.607 min Scan# 1949

Delta R.T. -0.000 min

Lab File: VU051185.D

Acq: 06 Oct 2022 20:30

Instrument :

MSVOA_U

ClientSampleId :

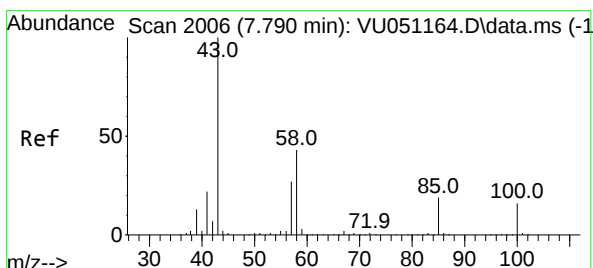
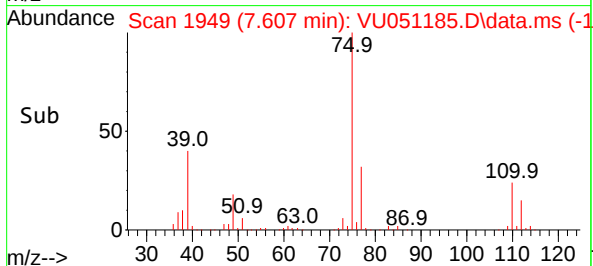
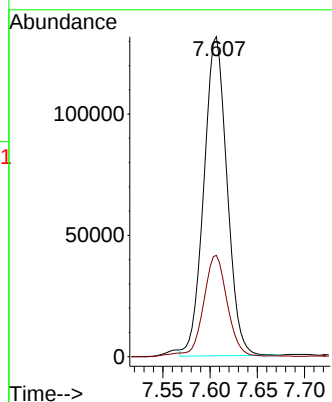
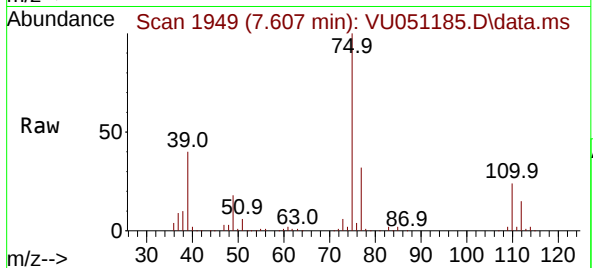
EW825MS

Tgt Ion: 75 Resp: 224018

Ion Ratio Lower Upper

75 100

77 31.6 22.0 41.0



#40

4-Methyl-2-pentanone

Concen: 101.541 ug/L

RT: 7.790 min Scan# 2006

Delta R.T. -0.000 min

Lab File: VU051185.D

Acq: 06 Oct 2022 20:30

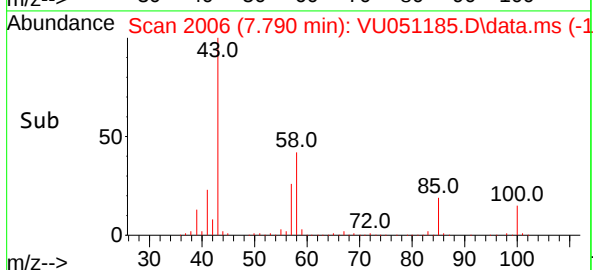
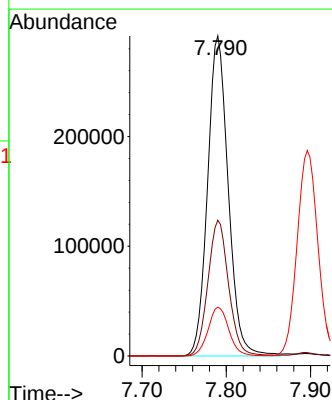
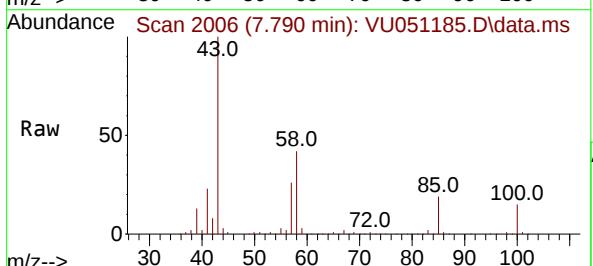
Tgt Ion: 43 Resp: 497307

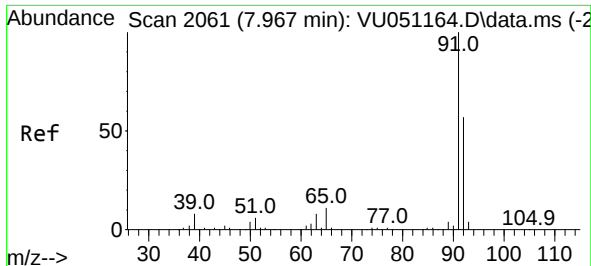
Ion Ratio Lower Upper

43 100

58 42.6 35.0 52.4

100 15.4 13.3 19.9





#42

Toluene

Concen: 54.075 ug/L

RT: 7.967 min Scan# 2061

Delta R.T. -0.000 min

Lab File: VU051185.D

Acq: 06 Oct 2022 20:30

Instrument :

MSVOA_U

ClientSampleId :

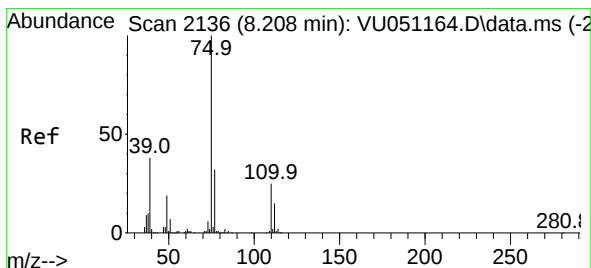
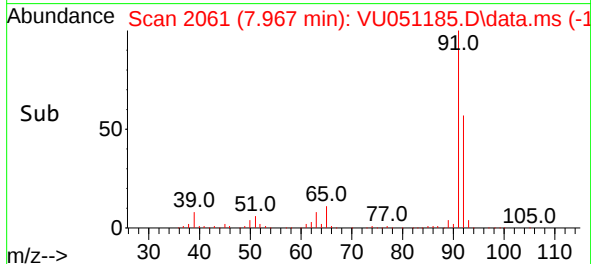
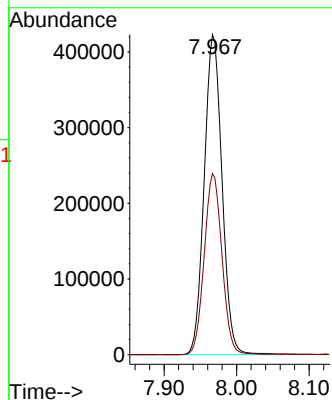
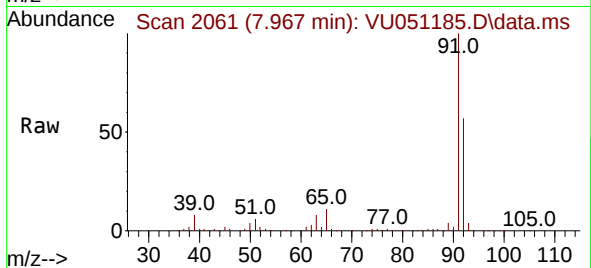
EW825MS

Tgt Ion: 91 Resp: 722328

Ion Ratio Lower Upper

91 100

92 56.6 40.1 74.5



#44

trans-1,3-Dichloropropene

Concen: 46.916 ug/L

RT: 8.208 min Scan# 2136

Delta R.T. -0.000 min

Lab File: VU051185.D

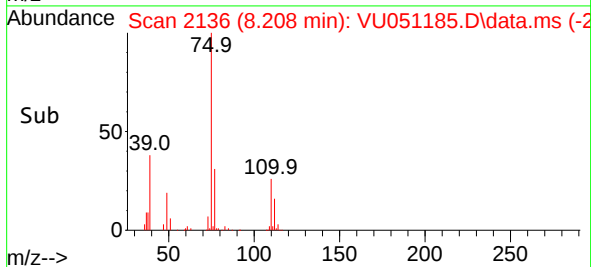
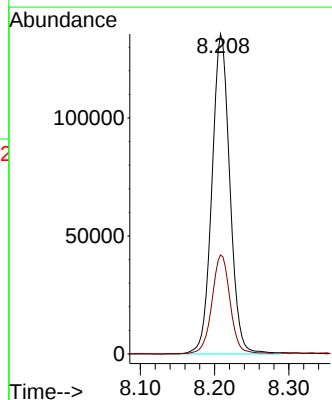
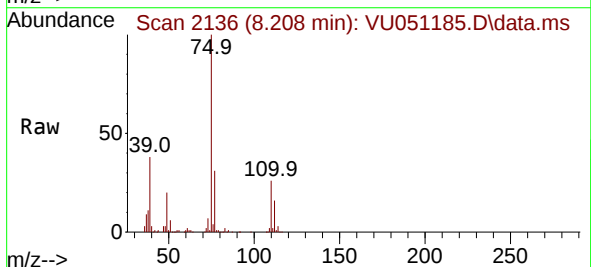
Acq: 06 Oct 2022 20:30

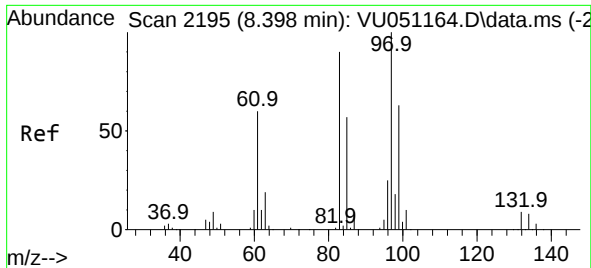
Tgt Ion: 75 Resp: 227195

Ion Ratio Lower Upper

75 100

77 30.9 22.7 42.3



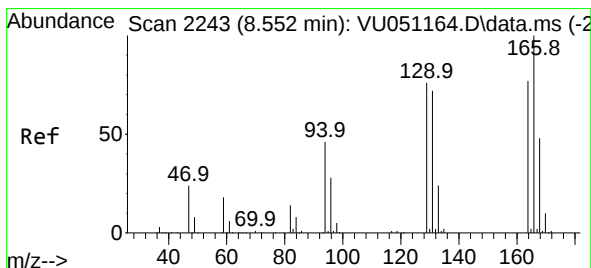
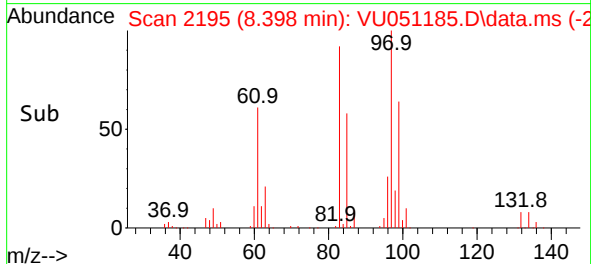
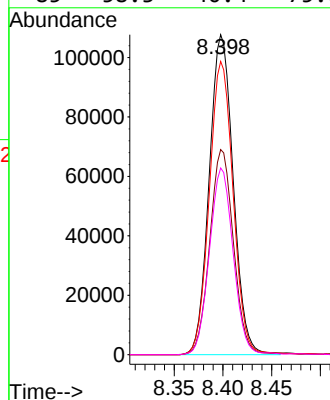
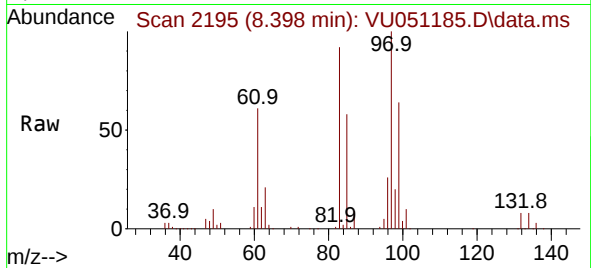


#45
1,1,2-Trichloroethane
Concen: 50.360 ug/L
RT: 8.398 min Scan# 2195
Delta R.T. -0.000 min
Lab File: VU051185.D
Acq: 06 Oct 2022 20:30

Instrument :
MSVOA_U
ClientSampleId :
EW825MS

Tgt Ion: 97 Resp: 184476

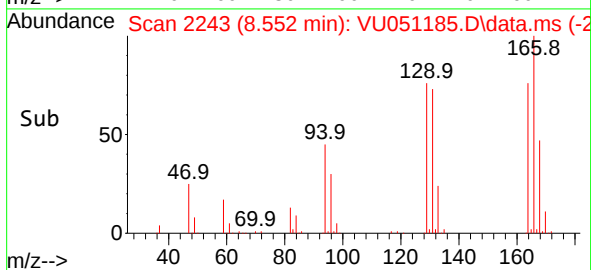
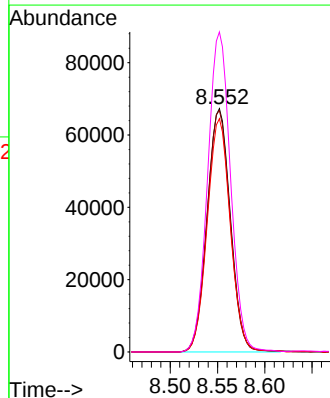
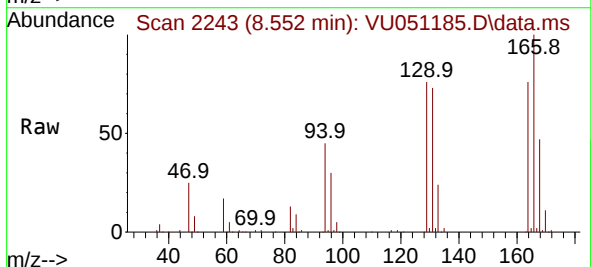
Ion	Ratio	Lower	Upper
97	100		
99	64.1	44.4	82.4
83	91.7	61.7	114.5
85	58.3	40.4	75.0

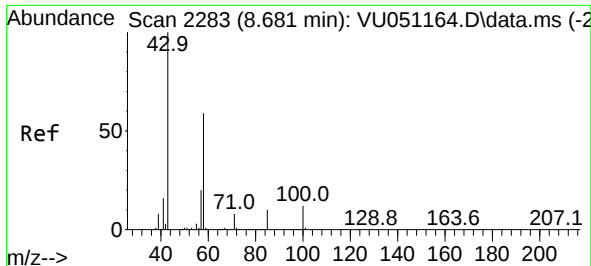


#46
Tetrachloroethene
Concen: 46.735 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.000 min
Lab File: VU051185.D
Acq: 06 Oct 2022 20:30

Tgt Ion: 164 Resp: 115202

Ion	Ratio	Lower	Upper
164	100		
129	99.3	68.1	126.5
131	95.8	67.8	126.0
166	131.5	90.5	168.1

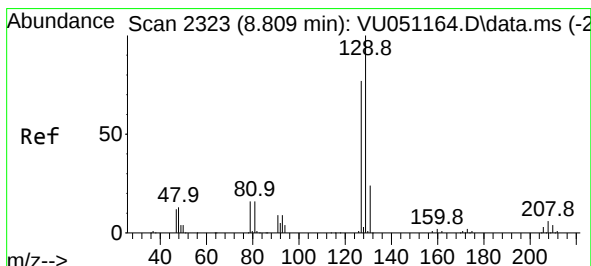
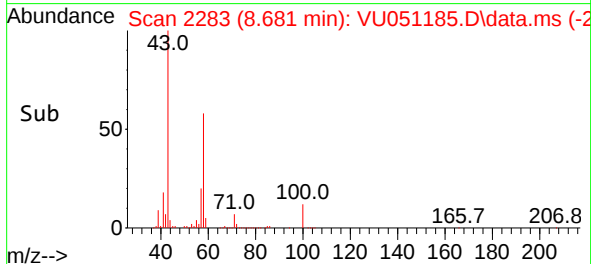
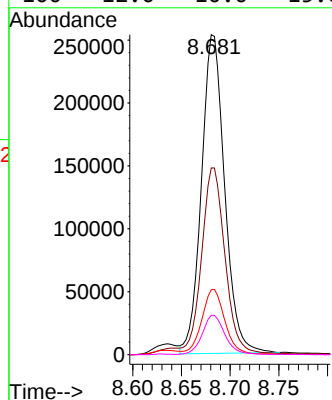
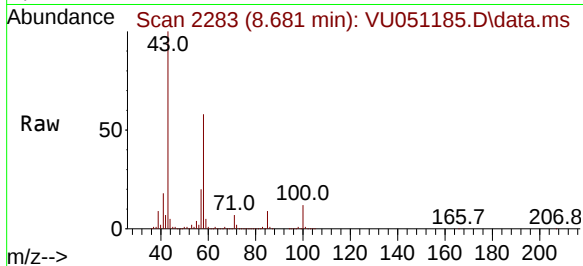




#48
2-Hexanone
Concen: 94.410 ug/L
RT: 8.681 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU051185.D
Acq: 06 Oct 2022 20:30

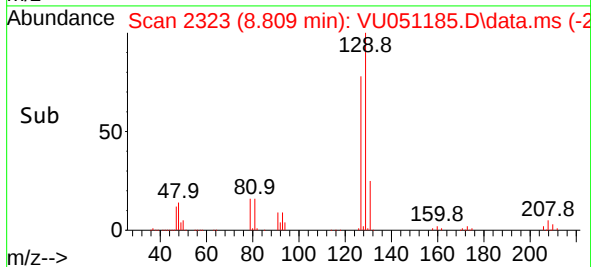
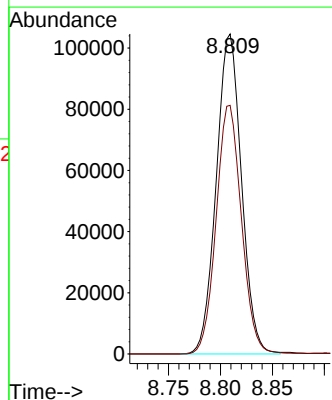
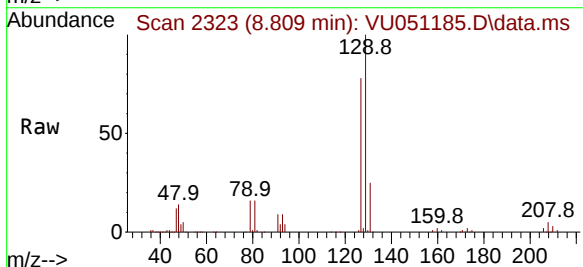
Instrument :
MSVOA_U
ClientSampleId :
EW825MS

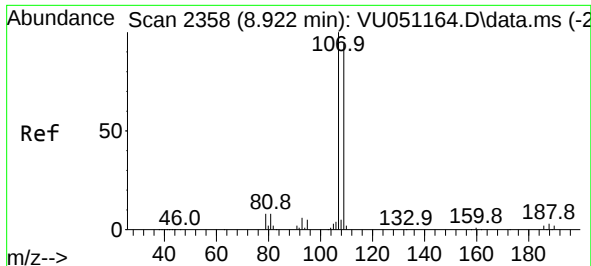
Tgt Ion: 43 Resp: 419979
Ion Ratio Lower Upper
43 100
58 59.4 48.3 72.5
57 19.9 15.9 23.9
100 12.0 10.0 15.0



#49
Dibromochloromethane
Concen: 45.907 ug/L
RT: 8.809 min Scan# 2323
Delta R.T. -0.000 min
Lab File: VU051185.D
Acq: 06 Oct 2022 20:30

Tgt Ion: 129 Resp: 176804
Ion Ratio Lower Upper
129 100
127 77.7 52.8 98.0

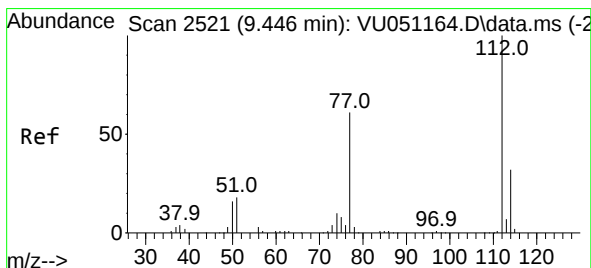
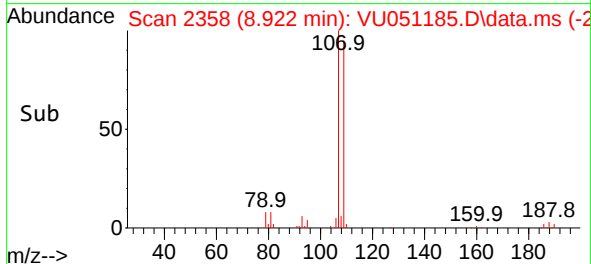
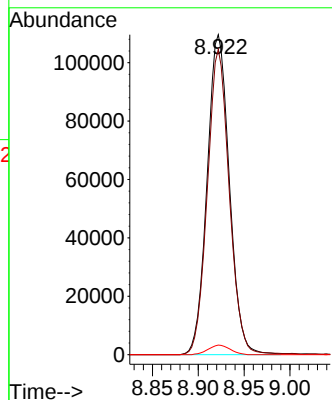
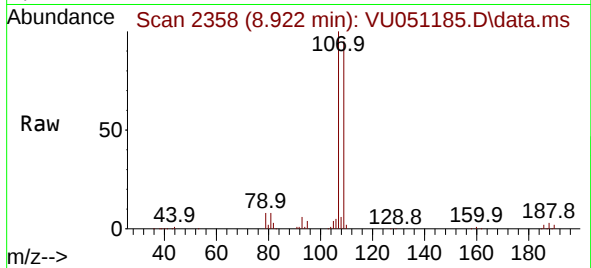




#50
 1,2-Dibromoethane
 Concen: 46.678 ug/L
 RT: 8.922 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VU051185.D
 Acq: 06 Oct 2022 20:30

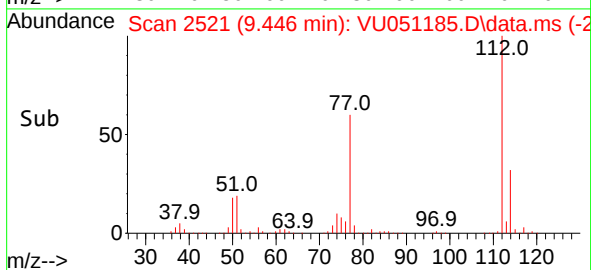
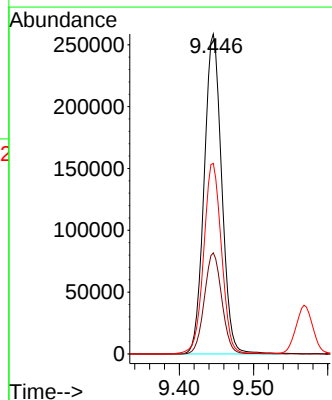
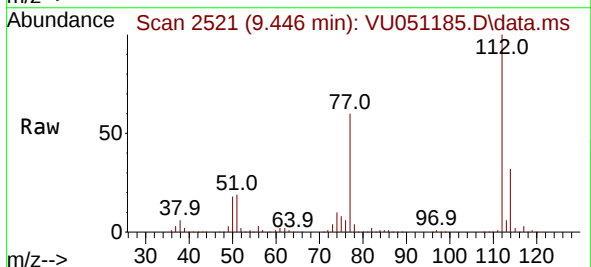
Instrument :
 MSVOA_U
 ClientSampleId :
 EW825MS

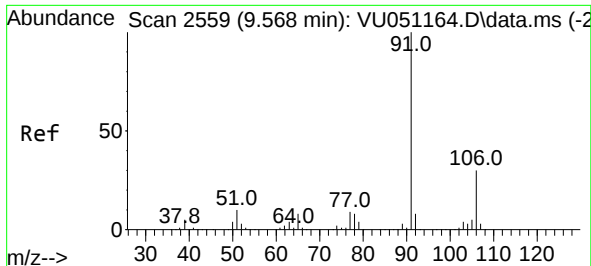
Tgt Ion:107 Resp: 185387
 Ion Ratio Lower Upper
 107 100
 109 95.4 64.1 119.1
 188 3.0 2.9 4.3



#51
 Chlorobenzene
 Concen: 46.732 ug/L
 RT: 9.446 min Scan# 2521
 Delta R.T. -0.000 min
 Lab File: VU051185.D
 Acq: 06 Oct 2022 20:30

Tgt Ion:112 Resp: 424511
 Ion Ratio Lower Upper
 112 100
 114 31.6 22.3 41.3
 77 59.5 48.2 72.2

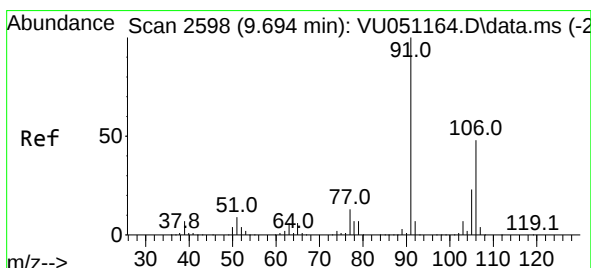
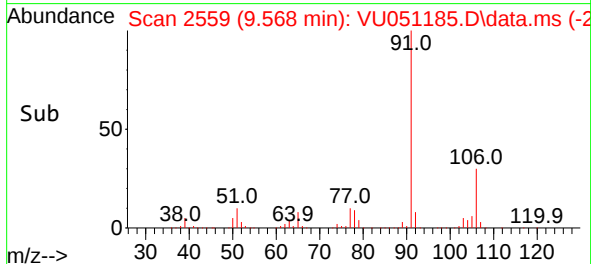
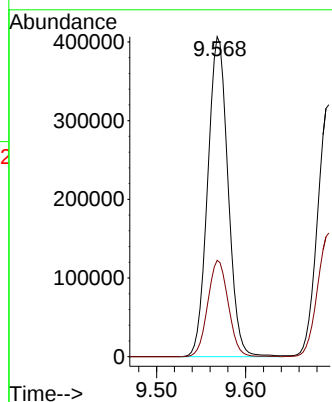
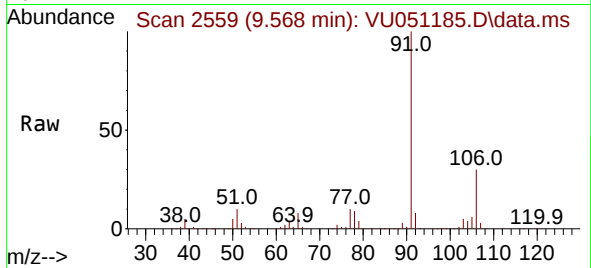




#52
Ethylbenzene
Concen: 45.173 ug/L
RT: 9.568 min Scan# 2559
Delta R.T. -0.000 min
Lab File: VU051185.D
Acq: 06 Oct 2022 20:30

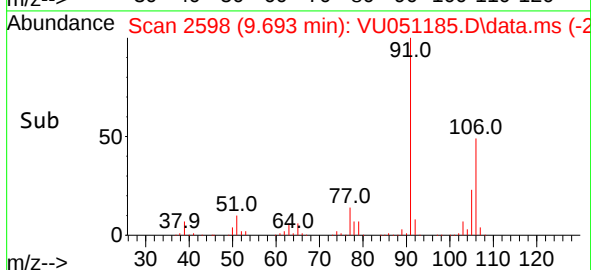
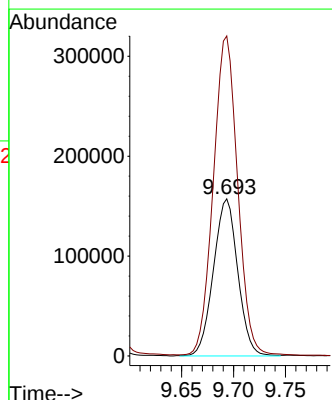
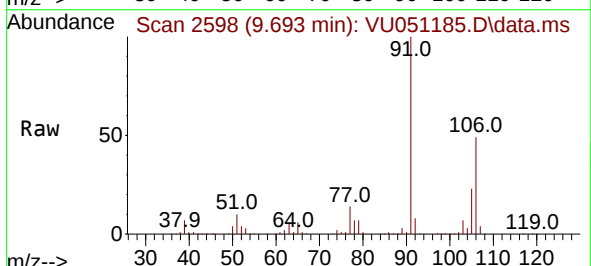
Instrument :
MSVOA_U
ClientSampleId :
EW825MS

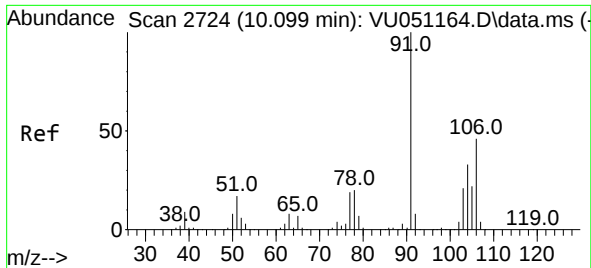
Tgt Ion: 91 Resp: 643632
Ion Ratio Lower Upper
91 100
106 30.1 21.7 40.3



#53
m,p-Xylene
Concen: 47.815 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. -0.000 min
Lab File: VU051185.D
Acq: 06 Oct 2022 20:30

Tgt Ion: 106 Resp: 256193
Ion Ratio Lower Upper
106 100
91 203.7 141.9 263.5

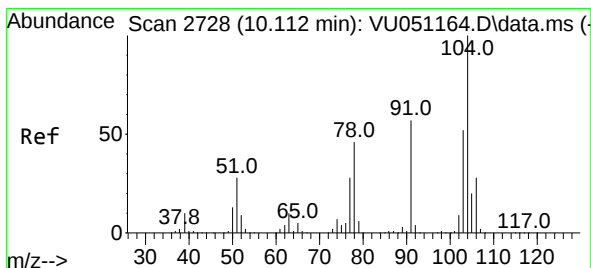
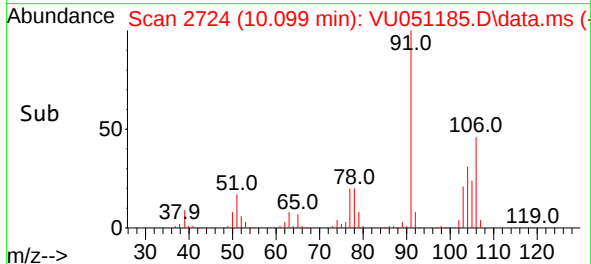
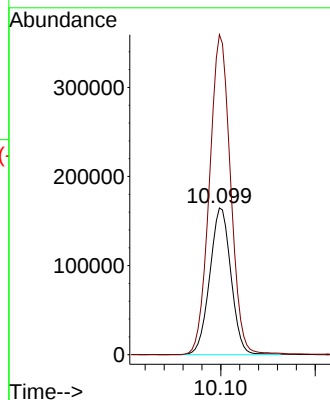
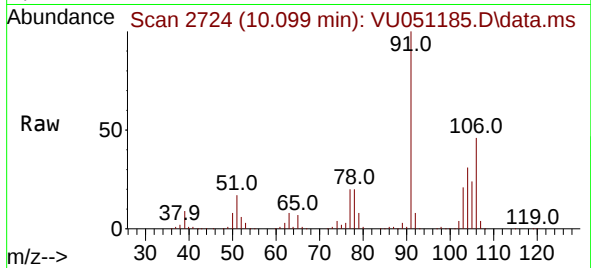




#54
o-Xylene
Concen: 47.848 ug/L
RT: 10.099 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU051185.D
Acq: 06 Oct 2022 20:30

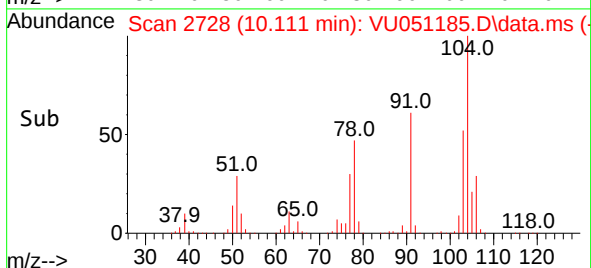
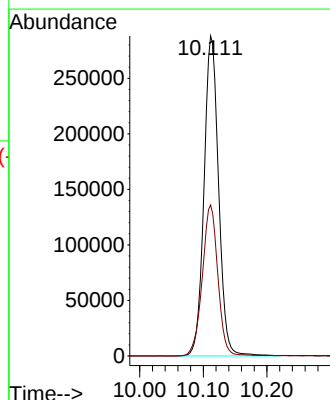
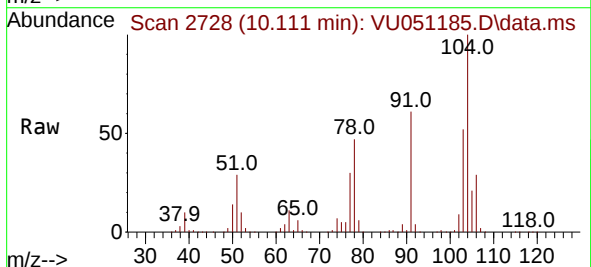
Instrument :
MSVOA_U
ClientSampleId :
EW825MS

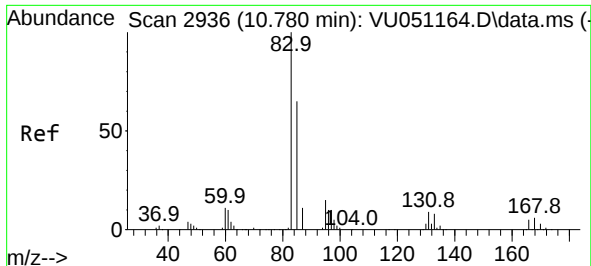
Tgt Ion:106 Resp: 256251
Ion Ratio Lower Upper
106 100
91 218.1 152.4 283.0



#55
Styrene
Concen: 49.557 ug/L
RT: 10.111 min Scan# 2728
Delta R.T. -0.000 min
Lab File: VU051185.D
Acq: 06 Oct 2022 20:30

Tgt Ion:104 Resp: 458713
Ion Ratio Lower Upper
104 100
78 47.2 31.0 57.6





#57

1,1,2,2-Tetrachloroethane

Concen: 49.716 ug/L

RT: 10.780 min Scan# 2936

Delta R.T. -0.000 min

Lab File: VU051185.D

Acq: 06 Oct 2022 20:30

Instrument :

MSVOA_U

ClientSampleId :

EW825MS

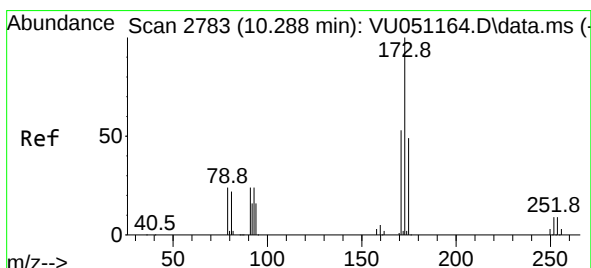
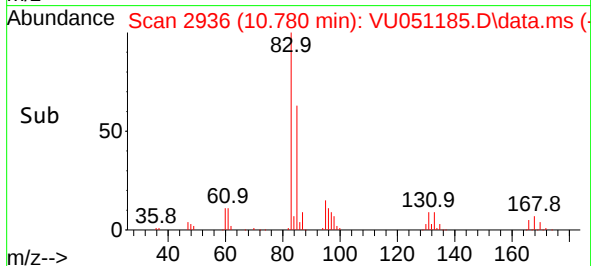
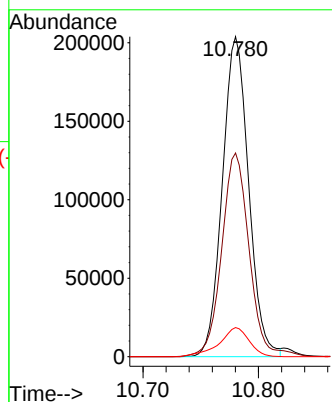
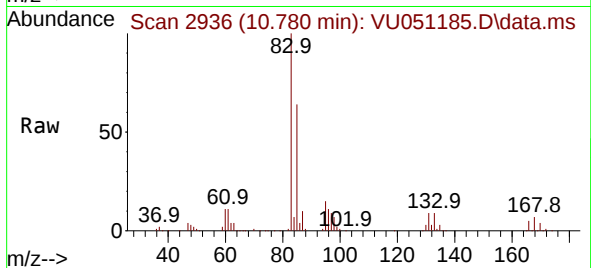
Tgt Ion: 83 Resp: 322315

Ion Ratio Lower Upper

83 100

85 63.7 44.7 83.1

131 9.1 7.0 10.4



#59

Bromoform

Concen: 44.719 ug/L

RT: 10.288 min Scan# 2783

Delta R.T. -0.000 min

Lab File: VU051185.D

Acq: 06 Oct 2022 20:30

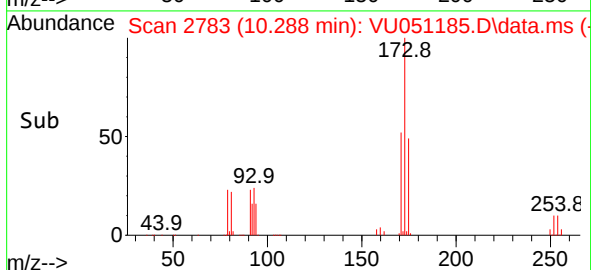
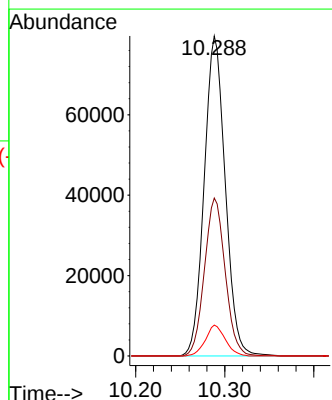
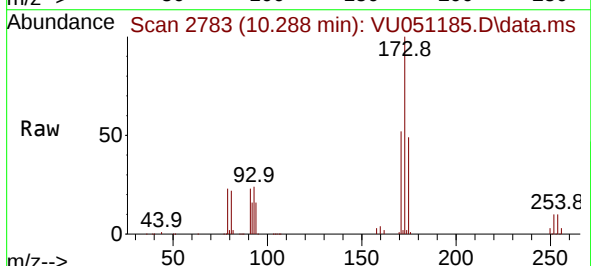
Tgt Ion:173 Resp: 130480

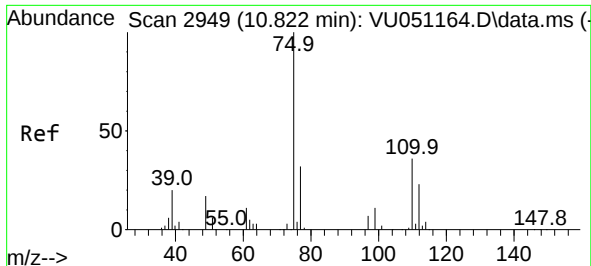
Ion Ratio Lower Upper

173 100

175 48.4 39.4 59.0

254 9.1 7.4 11.0

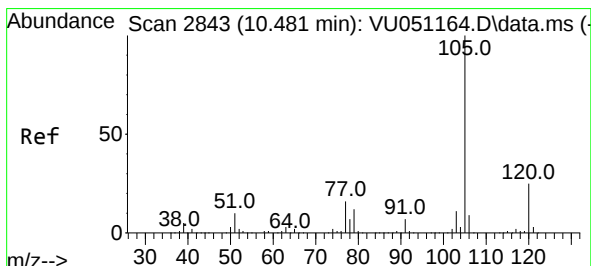
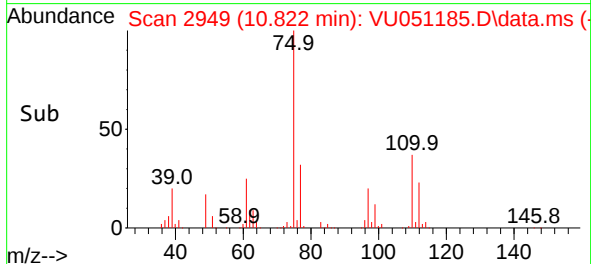
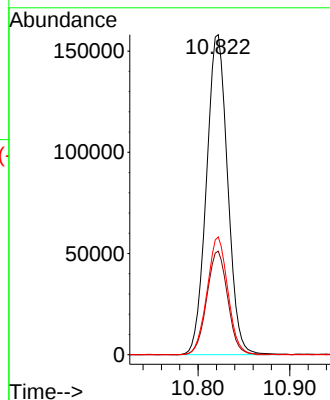
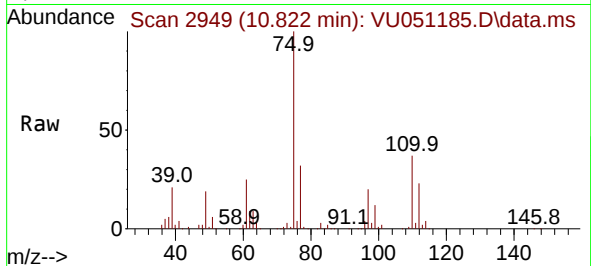




#60
1,2,3-Trichloropropane
Concen: 48.740 ug/L
RT: 10.822 min Scan# 2949
Delta R.T. -0.000 min
Lab File: VU051185.D
Acq: 06 Oct 2022 20:30

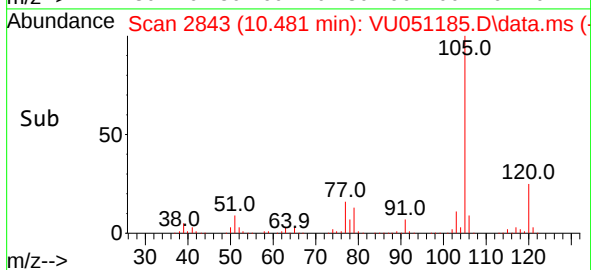
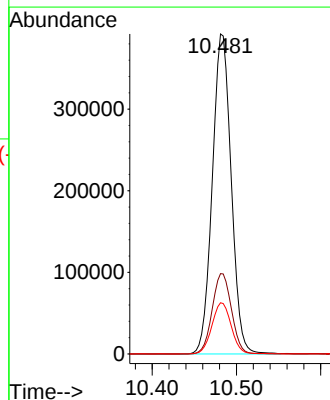
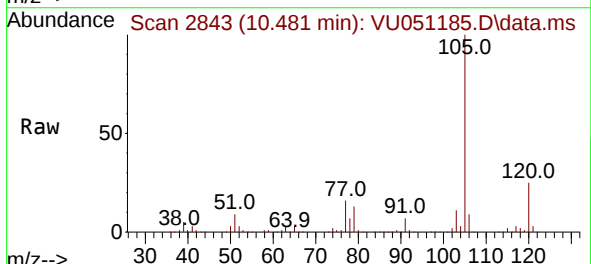
Instrument :
MSVOA_U
ClientSampleId :
EW825MS

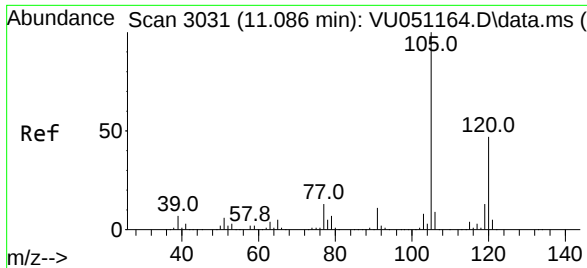
Tgt Ion: 75 Resp: 254353
Ion Ratio Lower Upper
75 100
77 31.9 26.1 39.1
110 36.0 30.0 45.0



#61
Isopropylbenzene
Concen: 47.347 ug/L
RT: 10.481 min Scan# 2843
Delta R.T. -0.000 min
Lab File: VU051185.D
Acq: 06 Oct 2022 20:30

Tgt Ion: 105 Resp: 609935
Ion Ratio Lower Upper
105 100
120 25.6 21.1 31.7
77 16.3 12.8 19.2

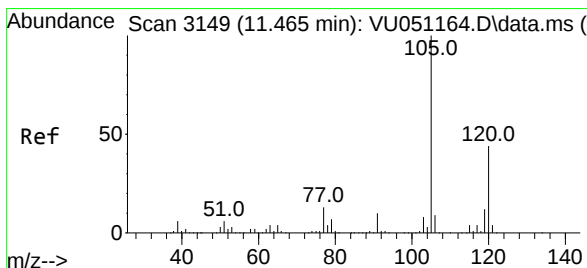
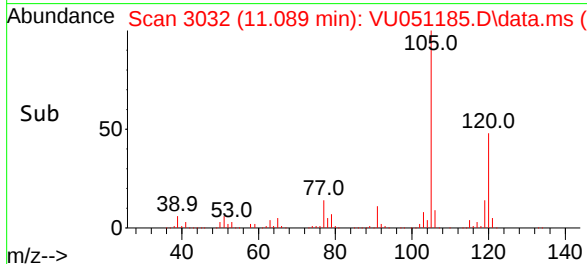
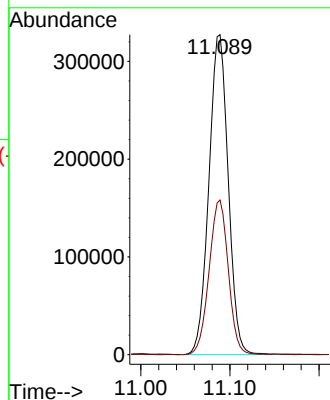
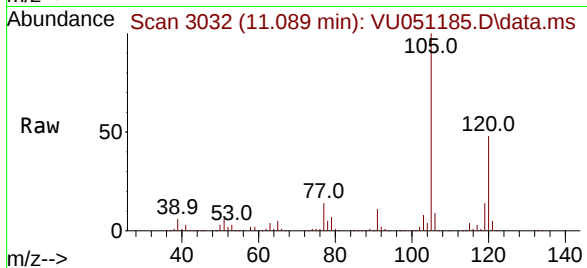




#62
 1,3,5-Trimethylbenzene
 Concen: 46.690 ug/L
 RT: 11.089 min Scan# 3031
 Delta R.T. 0.003 min
 Lab File: VU051185.D
 Acq: 06 Oct 2022 20:30

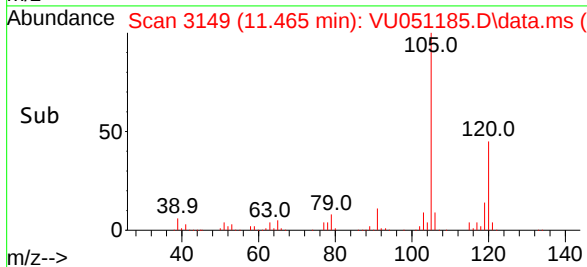
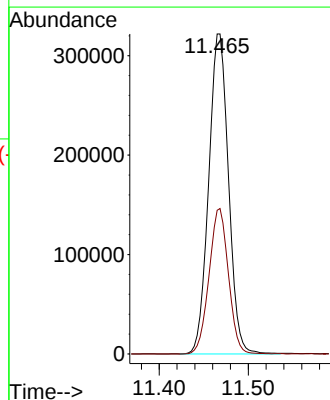
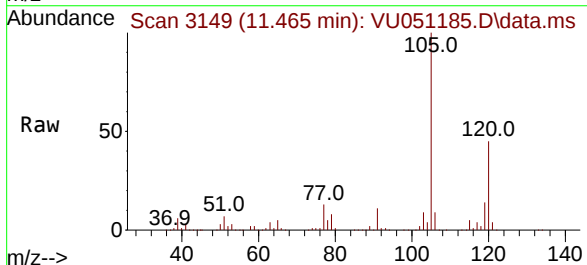
Instrument :
 MSVOA_U
 ClientSampleId :
 EW825MS

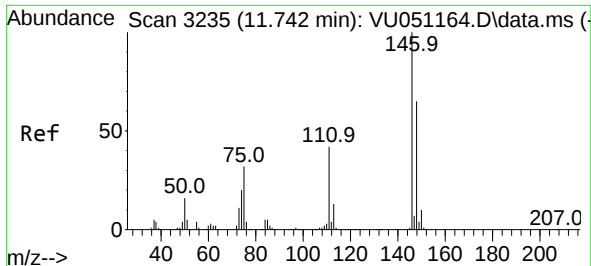
Tgt Ion:105 Resp: 491827
 Ion Ratio Lower Upper
 105 100
 120 48.1 37.8 56.8



#63
 1,2,4-Trimethylbenzene
 Concen: 46.968 ug/L
 RT: 11.465 min Scan# 3149
 Delta R.T. -0.000 min
 Lab File: VU051185.D
 Acq: 06 Oct 2022 20:30

Tgt Ion:105 Resp: 495868
 Ion Ratio Lower Upper
 105 100
 120 44.5 35.5 53.3

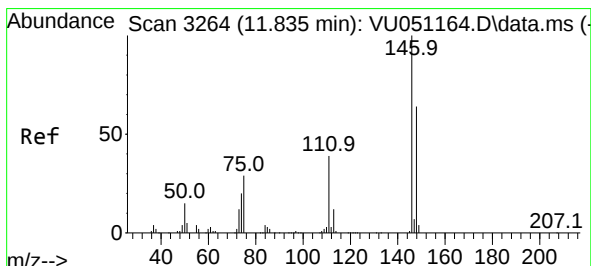
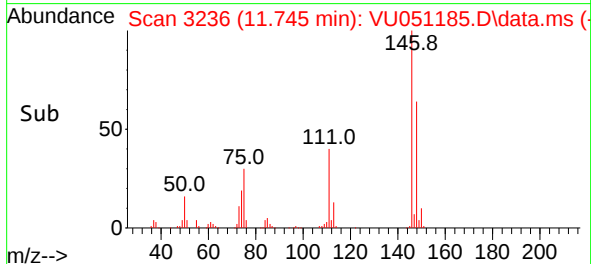
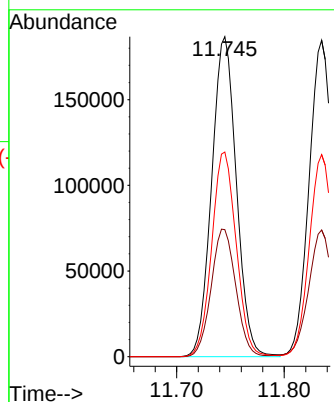
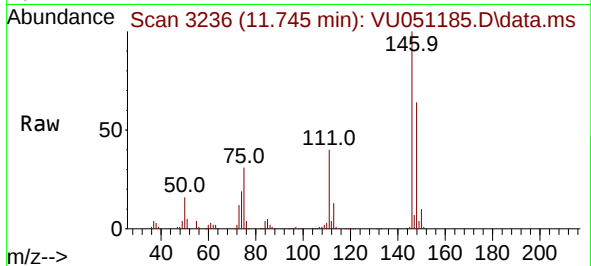




#64
 1,3-Dichlorobenzene
 Concen: 44.859 ug/L
 RT: 11.745 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VU051185.D
 Acq: 06 Oct 2022 20:30

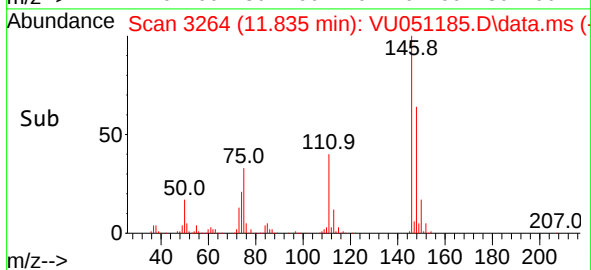
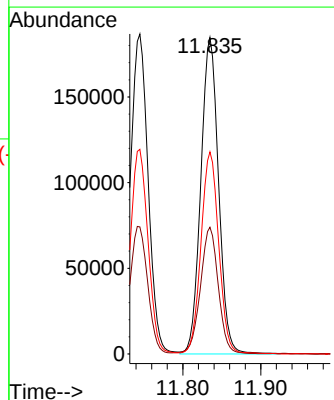
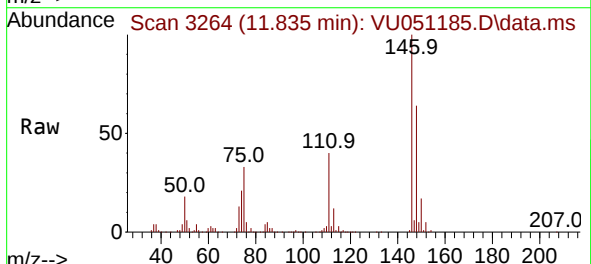
Instrument :
 MSVOA_U
 ClientSampleId :
 EW825MS

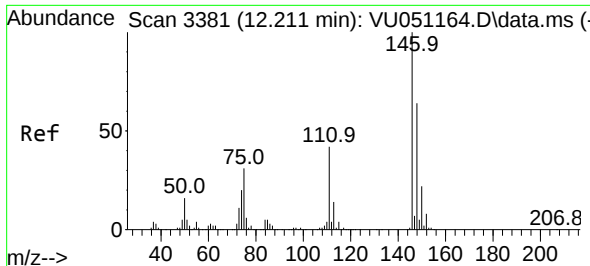
Tgt Ion:146 Resp: 297914
 Ion Ratio Lower Upper
 146 100
 111 39.7 28.2 52.4
 148 64.0 43.5 80.9



#65
 1,4-Dichlorobenzene
 Concen: 44.040 ug/L
 RT: 11.835 min Scan# 3264
 Delta R.T. -0.000 min
 Lab File: VU051185.D
 Acq: 06 Oct 2022 20:30

Tgt Ion:146 Resp: 292364
 Ion Ratio Lower Upper
 146 100
 111 40.1 27.0 50.2
 148 63.9 45.1 83.9

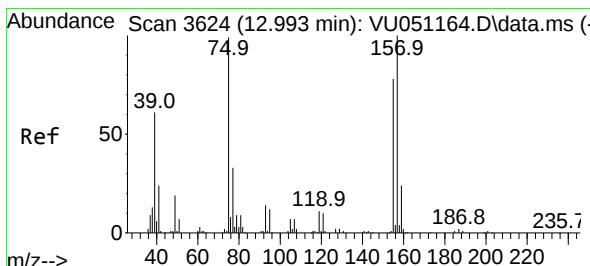
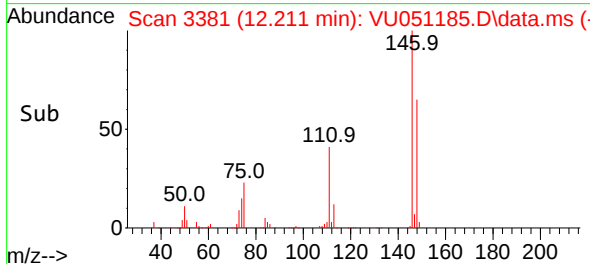
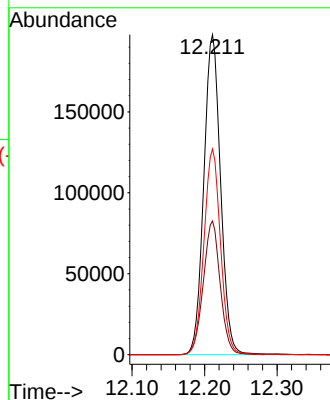
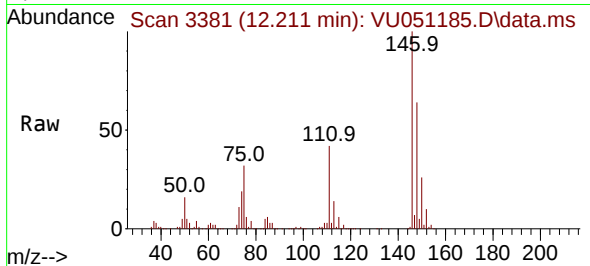




#67
1,2-Dichlorobenzene
Concen: 46.571 ug/L
RT: 12.211 min Scan# 311
Delta R.T. -0.000 min
Lab File: VU051185.D
Acq: 06 Oct 2022 20:30

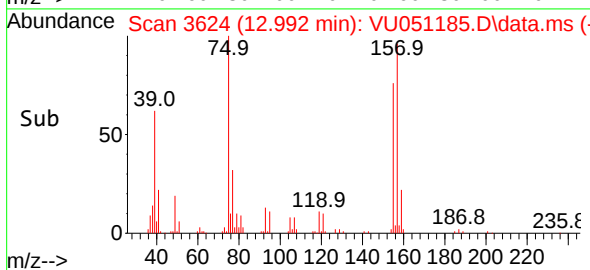
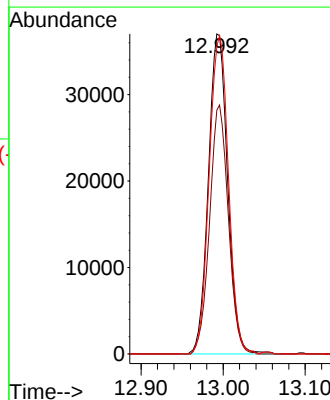
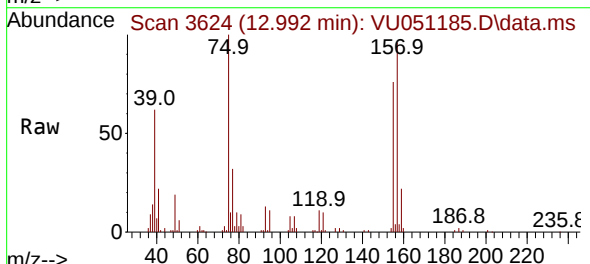
Instrument :
MSVOA_U
ClientSampleId :
EW825MS

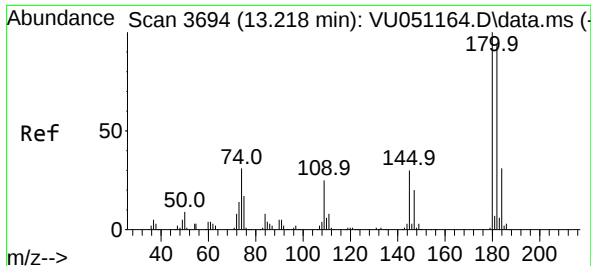
Tgt Ion:146 Resp: 317760
Ion Ratio Lower Upper
146 100
111 41.8 33.7 50.5
148 64.3 50.8 76.2



#68
1,2-Dibromo-3-chloropropane
Concen: 39.747 ug/L
RT: 12.992 min Scan# 3624
Delta R.T. -0.000 min
Lab File: VU051185.D
Acq: 06 Oct 2022 20:30

Tgt Ion: 75 Resp: 60531
Ion Ratio Lower Upper
75 100
155 76.2 64.4 96.6
157 100.6 82.2 123.2





#69

1,3,5-Trichlorobenzene

Concen: 39.176 ug/L

RT: 13.217 min Scan# 30

Delta R.T. -0.000 min

Lab File: VU051185.D

Acq: 06 Oct 2022 20:30

Instrument :

MSVOA_U

ClientSampleId :

EW825MS

Tgt Ion:180 Resp: 176429

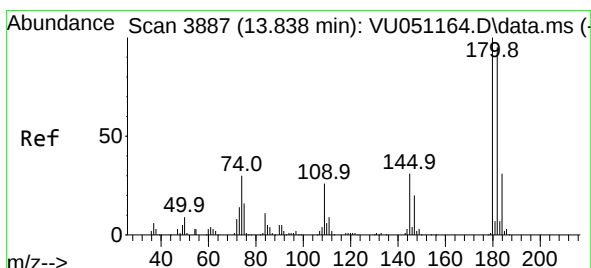
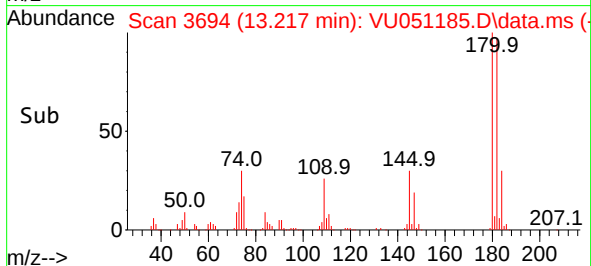
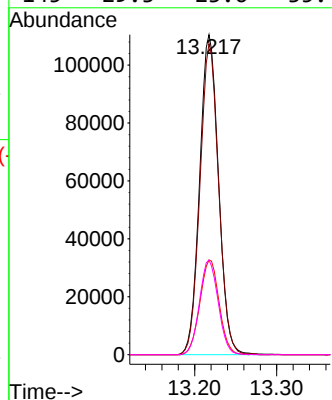
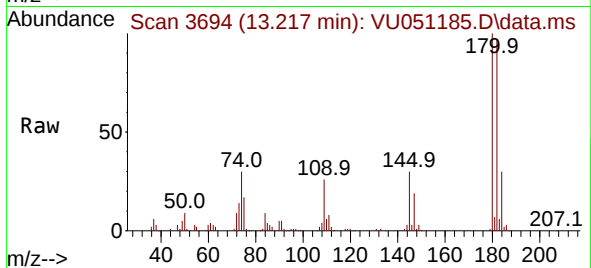
Ion Ratio Lower Upper

180 100

182 95.6 77.0 115.4

184 30.2 24.4 36.6

145 29.3 23.6 35.4



#70

1,2,4-trichlorobenzene

Concen: 35.490 ug/L

RT: 13.838 min Scan# 3887

Delta R.T. -0.000 min

Lab File: VU051185.D

Acq: 06 Oct 2022 20:30

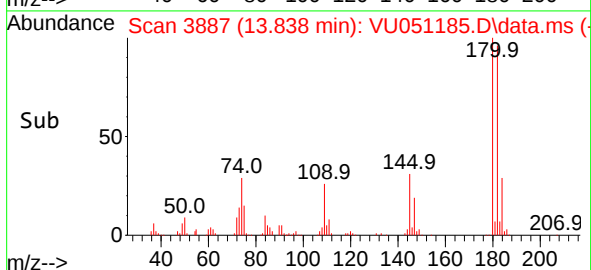
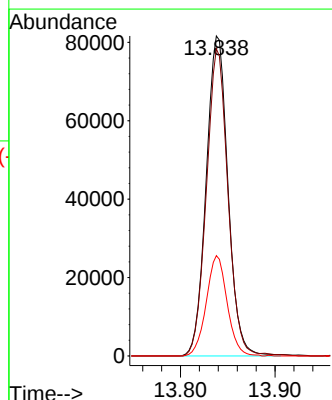
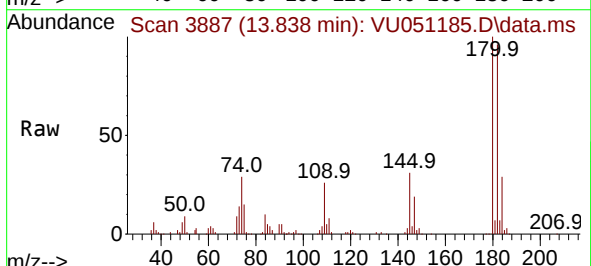
Tgt Ion:180 Resp: 130769

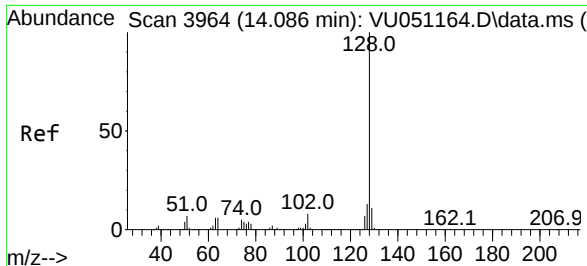
Ion Ratio Lower Upper

180 100

182 94.4 75.9 113.9

145 30.0 24.0 36.0

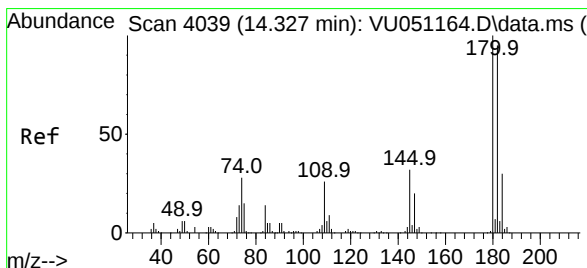
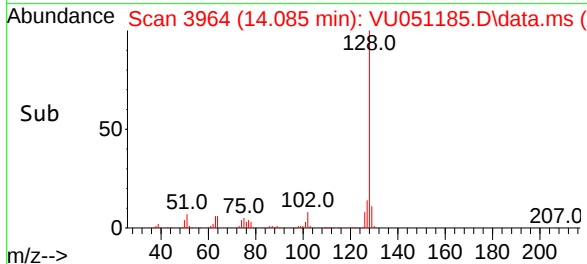
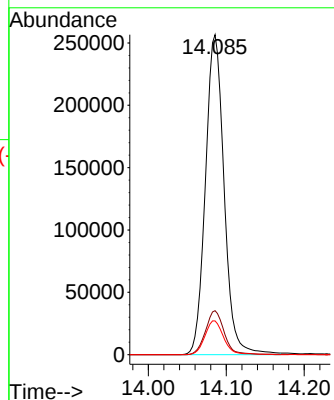
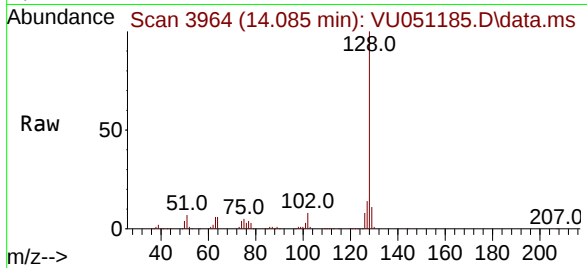




#71
Naphthalene
Concen: 32.424 ug/L
RT: 14.085 min Scan# 3964
Delta R.T. -0.000 min
Lab File: VU051185.D
Acq: 06 Oct 2022 20:30

Instrument :
MSVOA_U
ClientSampleId :
EW825MS

Tgt Ion:128 Resp: 427610
Ion Ratio Lower Upper
128 100
127 13.7 10.7 16.1
129 10.7 8.6 13.0



#72
1,2,3-Trichlorobenzene
Concen: 37.597 ug/L
RT: 14.327 min Scan# 4039
Delta R.T. -0.000 min
Lab File: VU051185.D
Acq: 06 Oct 2022 20:30

Tgt Ion:180 Resp: 154586
Ion Ratio Lower Upper
180 100
182 95.5 76.0 114.0
145 32.0 26.1 39.1

