

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100622\
 Data File : VU051186.D
 Acq On : 06 Oct 2022 20:54
 Operator : JC/MD
 Sample : N4853-03MSD
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EW825MSD

Quant Time: Oct 07 01:35:14 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	399294	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	406811	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	197285	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.598	65	148540	36.707	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	73.420%		
7) Chloroethane-d5	1.897	69	130668	34.761	ug/L	-0.01
Spiked Amount 50.000	Range 70 - 130		Recovery =	69.520%#		
11) 1,1-Dichloroethene-d2	2.562	63	242617	40.588	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	81.180%		
21) 2-Butanone-d5	4.620	46	197841	75.380	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	75.380%		
24) Chloroform-d	5.060	84	276736	42.447	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	84.900%		
26) 1,2-Dichloroethane-d4	5.700	65	171893	42.596	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	85.200%		
32) Benzene-d6	5.723	84	542678	45.554	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.100%		
36) 1,2-Dichloropropane-d6	6.687	67	180649	46.732	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	93.460%		
41) Toluene-d8	7.896	98	485933	44.149	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	88.300%		
43) trans-1,3-Dichloroprop...	8.176	79	73994	40.131	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	80.260%		
47) 2-Hexanone-d5	8.629	63	107577	68.920	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	68.920%		
56) 1,1,2,2-Tetrachloroeth...	10.755	84	289680	42.878	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	85.760%		
66) 1,2-Dichlorobenzene-d4	12.192	152	169697	40.265	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	80.520%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.382	85	146002	43.605	ug/L	99
3) Chloromethane	1.524	50	200689	50.730	ug/L	99
5) Vinyl chloride	1.601	62	199496	47.517	ug/L	97
6) Bromomethane	1.836	94	107365	30.872	ug/L	95
8) Chloroethane	1.919	64	130106	42.202	ug/L	100
9) Trichlorofluoromethane	2.128	101	222266	39.372	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.572	101	134263	44.045	ug/L	99
12) 1,1-Dichloroethene	2.575	96	130634	45.878	ug/L	89
13) Acetone	2.623	43	162733	77.646	ug/L	100
14) Carbon disulfide	2.787	76	377546	44.855	ug/L	99
15) Methyl Acetate	2.945	43	165967	43.375	ug/L	96
16) Methylene chloride	3.041	84	181286	44.350	ug/L	99
17) trans-1,2-Dichloroethene	3.350	96	139194	45.949	ug/L	98
18) Methyl tert-butyl Ether	3.363	73	449907	48.872	ug/L	99
19) 1,1-Dichloroethane	3.864	63	294887	51.247	ug/L	99
20) cis-1,2-Dichloroethene	4.665	96	163984	48.482	ug/L	96
22) 2-Butanone	4.697	43	257193	88.820	ug/L	97
23) Bromochloromethane	4.970	128	91116	49.166	ug/L	91
25) Chloroform	5.083	83	306311	48.939	ug/L	98

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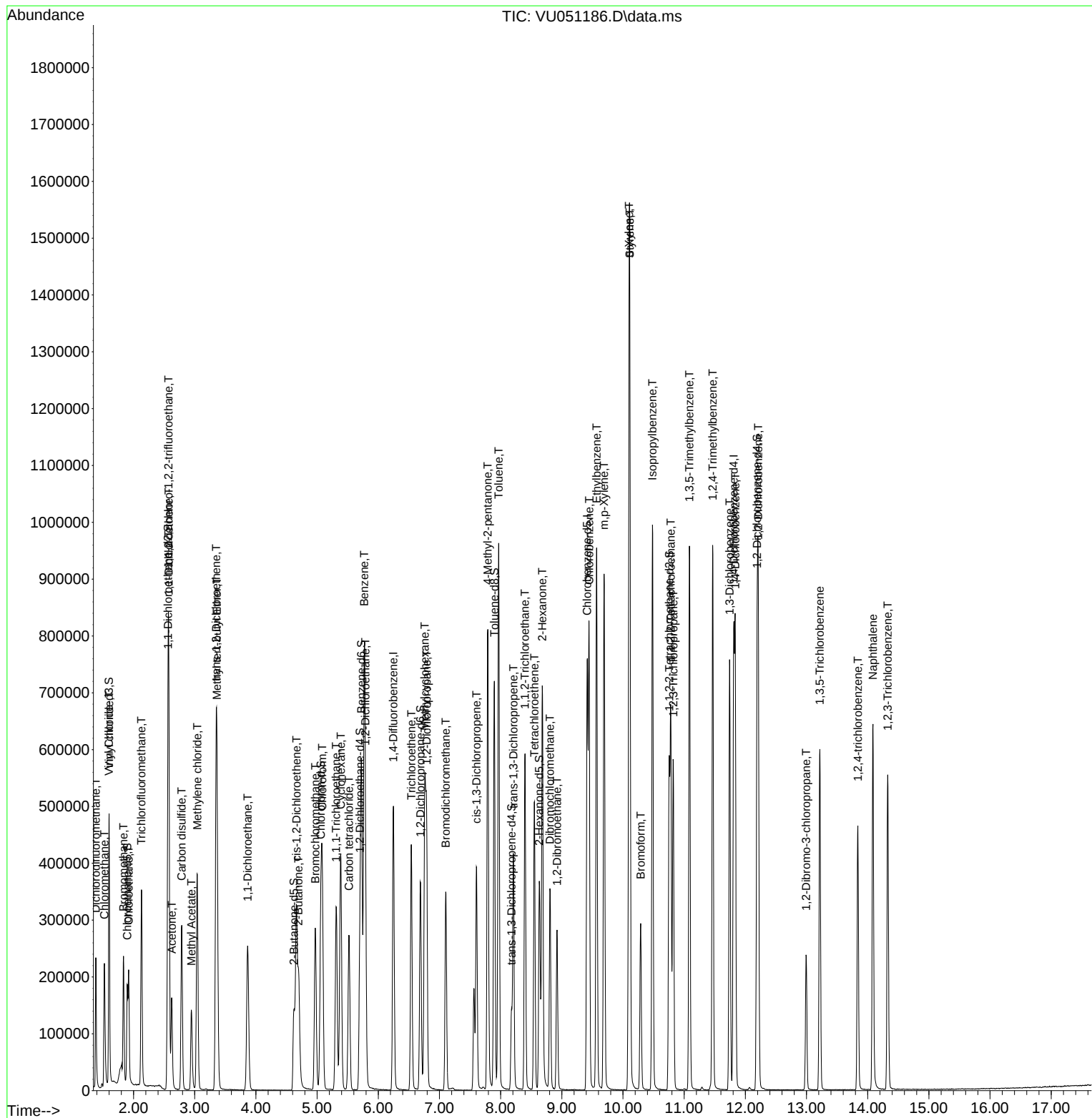
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.790	62	238291	49.700	ug/L	100
29) Cyclohexane	5.385	56	190430	48.075	ug/L	97
30) 1,1,1-Trichloroethane	5.311	97	232992	48.835	ug/L	99
31) Carbon tetrachloride	5.520	117	184268	47.337	ug/L	98
33) Benzene	5.771	78	681821	54.975	ug/L	100
34) Trichloroethene	6.540	95	151684	47.219	ug/L	97
35) Methylcyclohexane	6.761	83	193135	44.174	ug/L	96
37) 1,2-Dichloropropane	6.790	63	187865	56.250	ug/L	99
38) Bromodichloromethane	7.102	83	230256	51.660	ug/L	99
39) cis-1,3-Dichloropropene	7.607	75	223258	47.201	ug/L	99
40) 4-Methyl-2-pentanone	7.790	43	504794	104.366	ug/L	97
42) Toluene	7.967	91	707688	53.645	ug/L	99
44) trans-1,3-Dichloropropene	8.208	75	227055	47.476	ug/L	100
45) 1,1,2-Trichloroethane	8.398	97	184406	50.974	ug/L	99
46) Tetrachloroethene	8.552	164	112980	46.410	ug/L	98
48) 2-Hexanone	8.681	43	430205	97.925	ug/L	98
49) Dibromochloromethane	8.806	129	178045	46.811	ug/L	98
50) 1,2-Dibromoethane	8.922	107	185154	47.205	ug/L	98
51) Chlorobenzene	9.446	112	417957	46.589	ug/L	99
52) Ethylbenzene	9.568	91	654990	46.548	ug/L	99
53) m,p-Xylene	9.691	106	257918	48.742	ug/L	98
54) o-Xylene	10.099	106	259483	49.061	ug/L	99
55) Styrene	10.112	104	466191	50.998	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.781	83	332730	51.968	ug/L	98
59) Bromoform	10.289	173	130726	45.035	ug/L	99
60) 1,2,3-Trichloropropane	10.822	75	250117	48.176	ug/L	98
61) Isopropylbenzene	10.481	105	620278	48.399	ug/L	99
62) 1,3,5-Trimethylbenzene	11.086	105	504276	48.120	ug/L	99
63) 1,2,4-Trimethylbenzene	11.465	105	516988	49.221	ug/L	100
64) 1,3-Dichlorobenzene	11.742	146	301569	45.645	ug/L	98
65) 1,4-Dichlorobenzene	11.835	146	301581	45.664	ug/L	98
67) 1,2-Dichlorobenzene	12.211	146	319852	47.120	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.993	75	63366	41.824	ug/L	95
69) 1,3,5-Trichlorobenzene	13.218	180	189059	42.198	ug/L	99
70) 1,2,4-trichlorobenzene	13.838	180	145004	39.557	ug/L	100
71) Naphthalene	14.086	128	527229	40.184	ug/L	100
72) 1,2,3-Trichlorobenzene	14.327	180	173497	42.415	ug/L	100

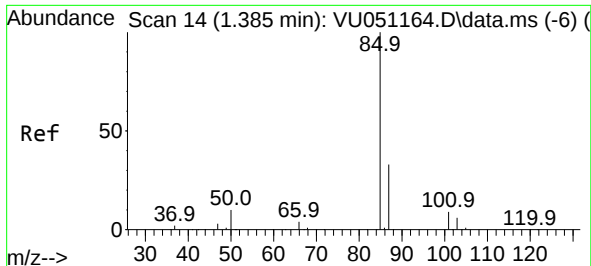
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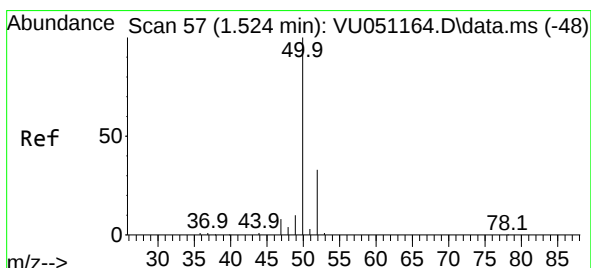
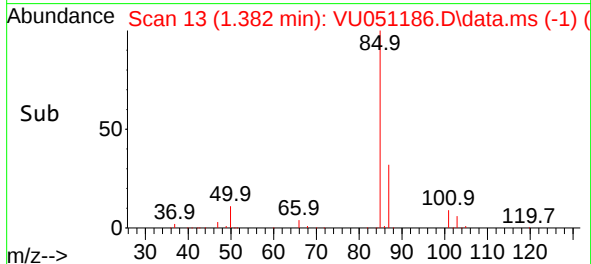
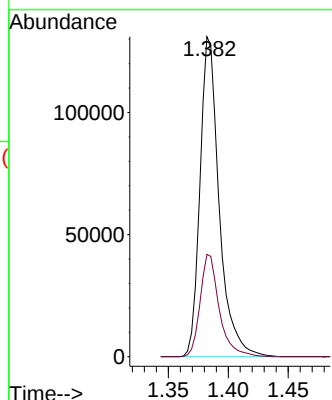
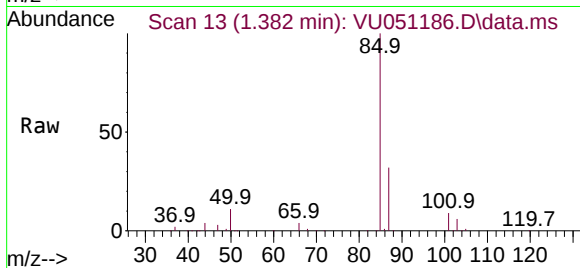




#2
Dichlorodifluoromethane
Concen: 43.605 ug/L
RT: 1.382 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU051186.D
Acq: 06 Oct 2022 20:54

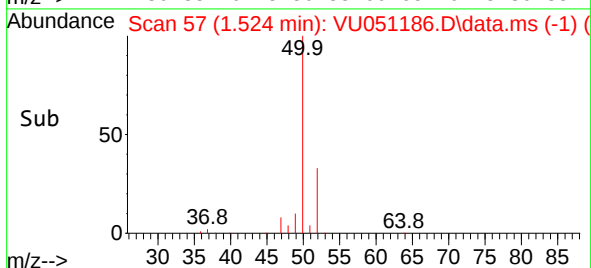
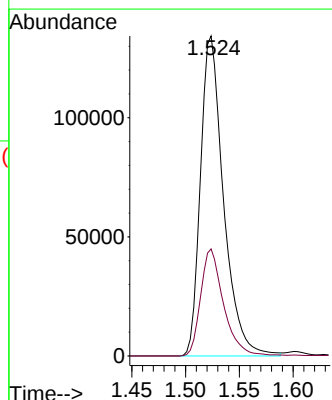
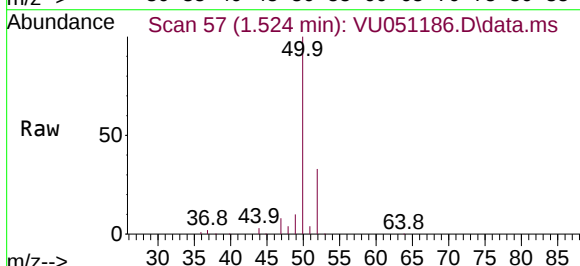
Instrument :
MSVOA_U
ClientSampleId :
EW825MSD

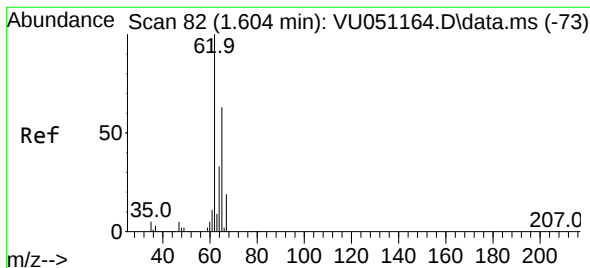
Tgt Ion: 85 Resp: 146002
Ion Ratio Lower Upper
85 100
87 31.8 25.9 38.9



#3
Chloromethane
Concen: 50.730 ug/L
RT: 1.524 min Scan# 57
Delta R.T. 0.000 min
Lab File: VU051186.D
Acq: 06 Oct 2022 20:54

Tgt Ion: 50 Resp: 200689
Ion Ratio Lower Upper
50 100
52 33.5 23.7 44.1





#5

Vinyl chloride

Concen: 47.517 ug/L

RT: 1.601 min Scan# 81

Delta R.T. -0.003 min

Lab File: VU051186.D

Acq: 06 Oct 2022 20:54

Instrument :

MSVOA_U

ClientSampleId :

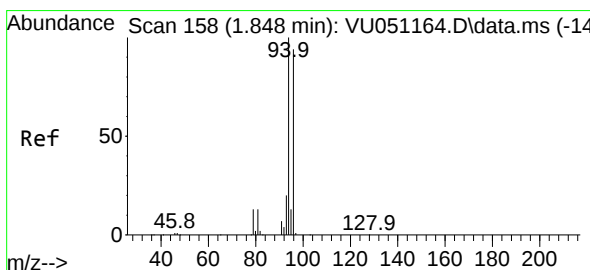
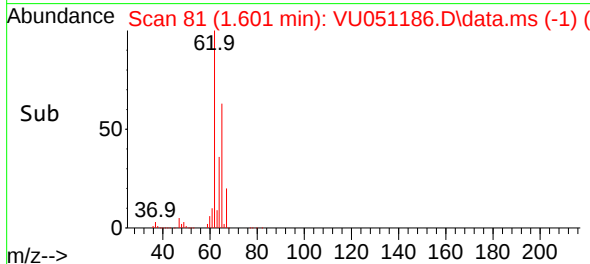
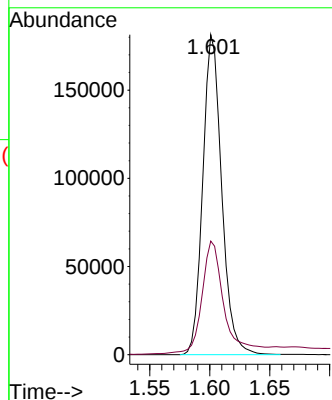
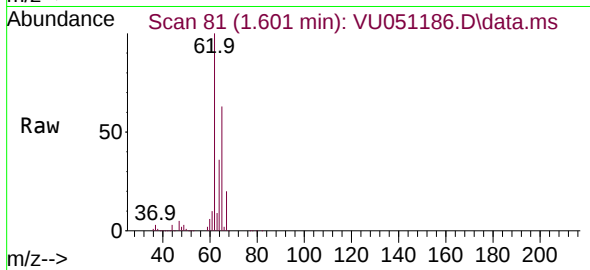
EW825MSD

Tgt Ion: 62 Resp: 199496

Ion Ratio Lower Upper

62 100

64 35.5 23.5 43.7



#6

Bromomethane

Concen: 30.872 ug/L

RT: 1.836 min Scan# 154

Delta R.T. -0.013 min

Lab File: VU051186.D

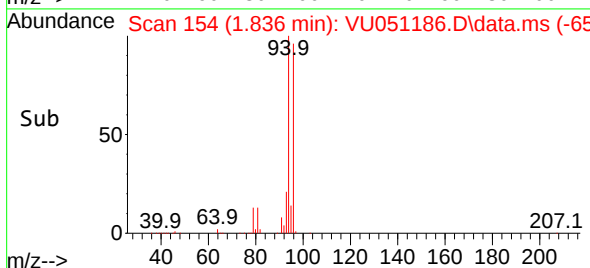
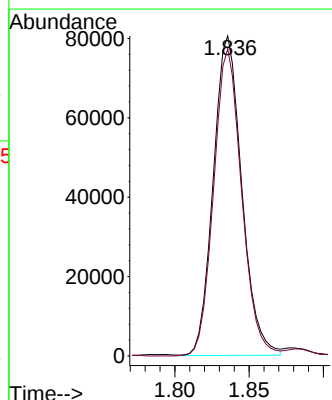
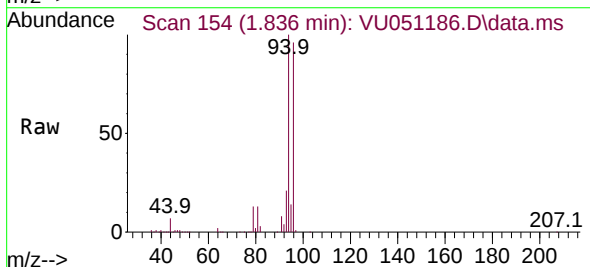
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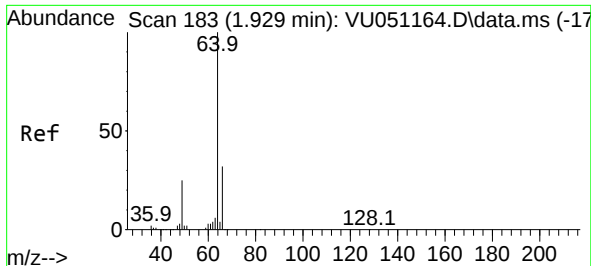
Tgt Ion: 94 Resp: 107365

Ion Ratio Lower Upper

94 100

96 96.0 63.9 118.7

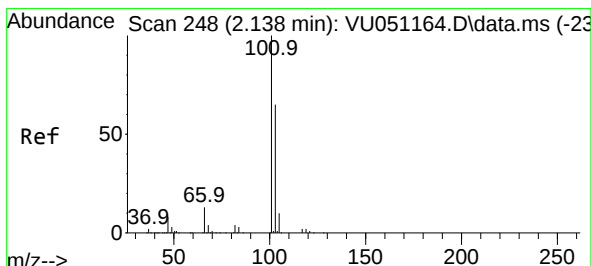
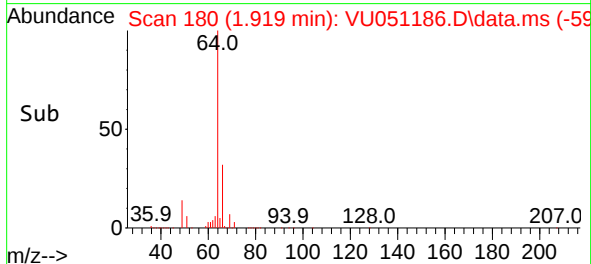
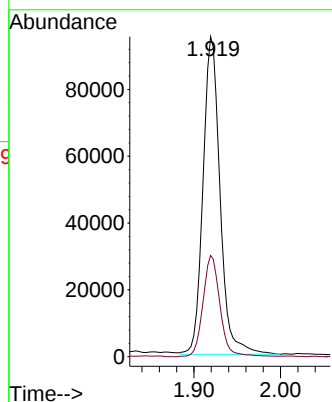
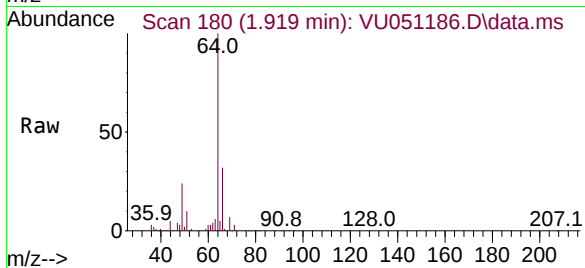




#8
Chloroethane
Concen: 42.202 ug/L
RT: 1.919 min Scan# 11
Delta R.T. -0.010 min
Lab File: VU051186.D
Acq: 06 Oct 2022 20:54

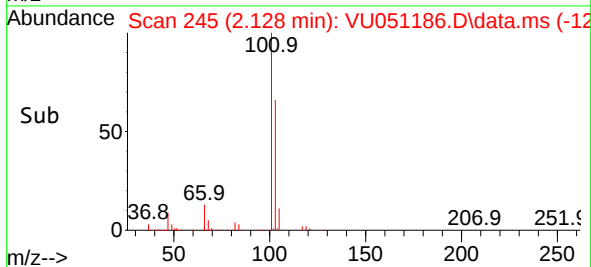
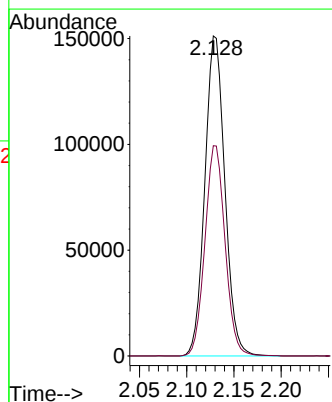
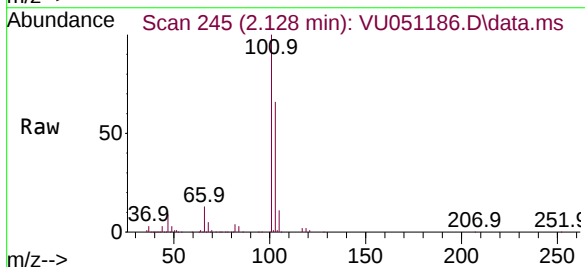
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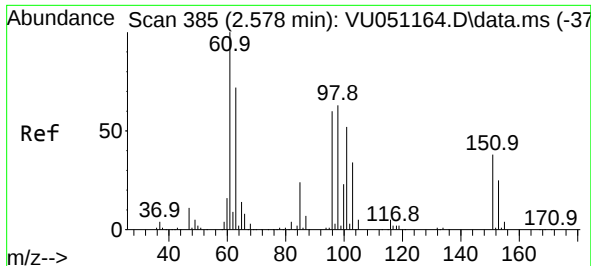
Tgt Ion: 64 Resp: 130106
Ion Ratio Lower Upper
64 100
66 31.7 22.3 41.3



#9
Trichlorofluoromethane
Concen: 39.372 ug/L
RT: 2.128 min Scan# 245
Delta R.T. -0.010 min
Lab File: VU051186.D
Acq: 06 Oct 2022 20:54

Tgt Ion: 101 Resp: 222266
Ion Ratio Lower Upper
101 100
103 66.2 51.8 77.6

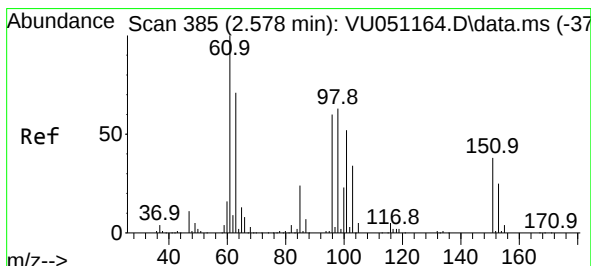
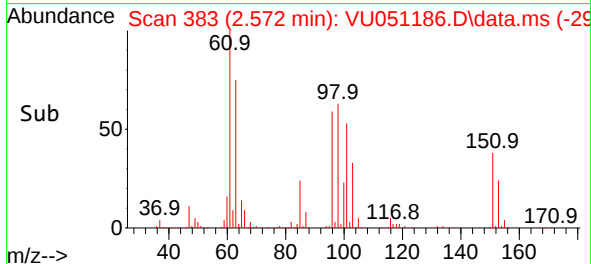
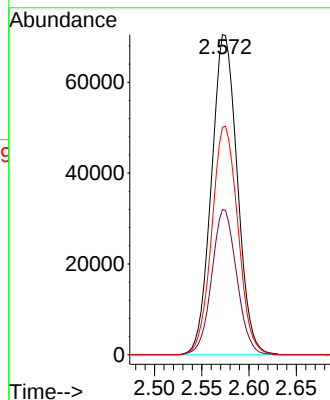
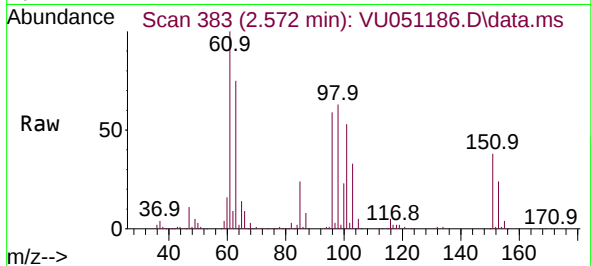




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 44.045 ug/L
 RT: 2.572 min Scan# 383
 Delta R.T. -0.006 min
 Lab File: VU051186.D
 Acq: 06 Oct 2022 20:54

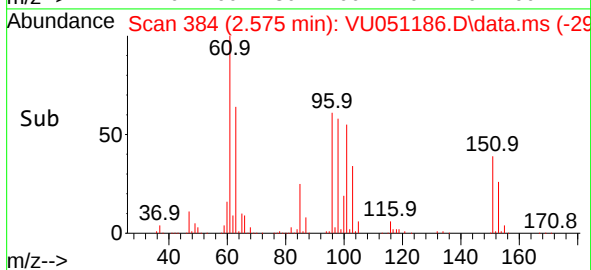
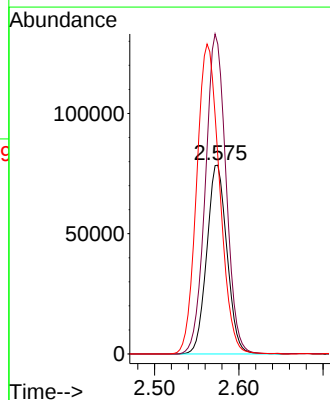
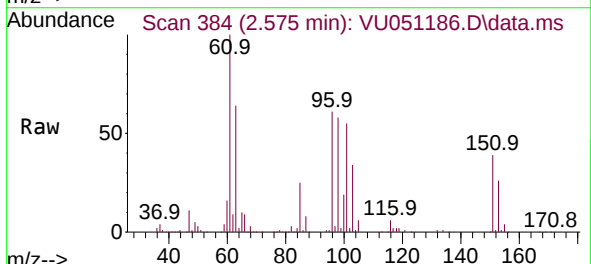
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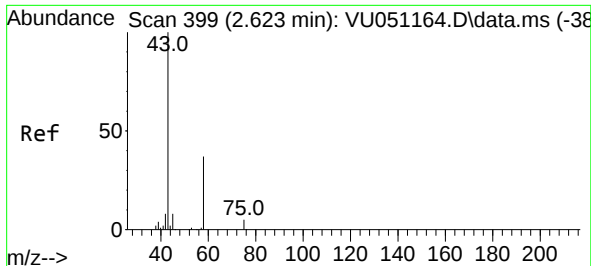
Tgt Ion:101 Resp: 134263
 Ion Ratio Lower Upper
 101 100
 85 43.7 34.6 52.0
 151 72.1 58.6 87.8



#12
 1,1-Dichloroethene
 Concen: 45.878 ug/L
 RT: 2.575 min Scan# 384
 Delta R.T. -0.003 min
 Lab File: VU051186.D
 Acq: 06 Oct 2022 20:54

Tgt Ion: 96 Resp: 130634
 Ion Ratio Lower Upper
 96 100
 61 164.0 113.0 209.9
 63 104.8 91.7 170.3





#13

Acetone

Concen: 77.646 ug/L

RT: 2.623 min Scan# 399

Delta R.T. 0.000 min

Lab File: VU051186.D

Acq: 06 Oct 2022 20:54

Instrument :

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ClientSampleId :

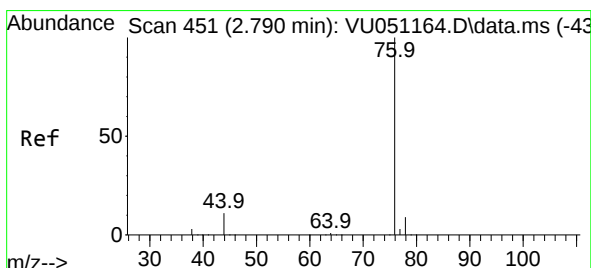
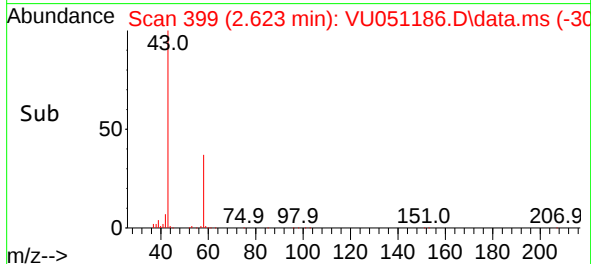
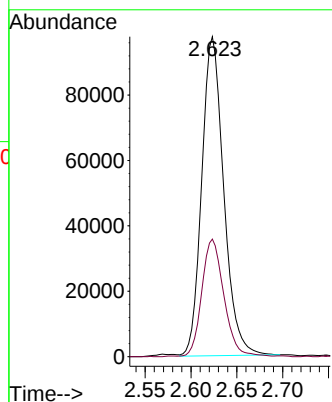
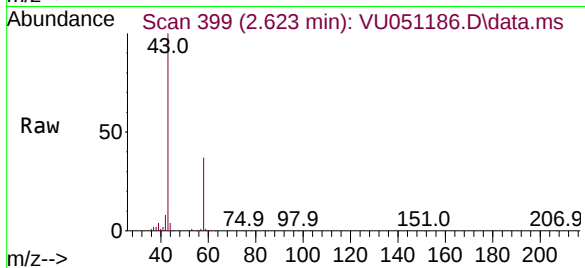
EW825MSD

Tgt Ion: 43 Resp: 162733

Ion Ratio Lower Upper

43 100

58 37.1 0.0 73.6



#14

Carbon disulfide

Concen: 44.855 ug/L

RT: 2.787 min Scan# 450

Delta R.T. -0.003 min

Lab File: VU051186.D

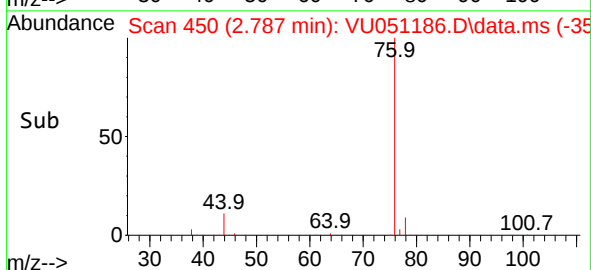
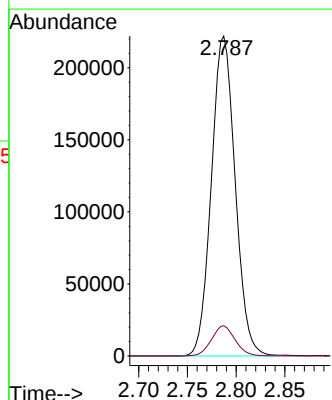
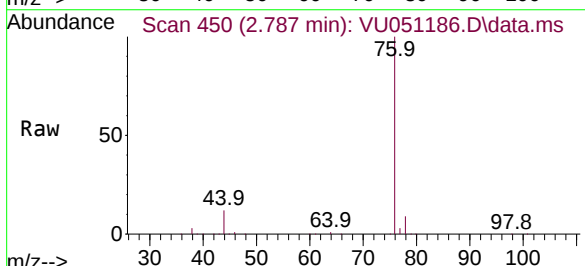
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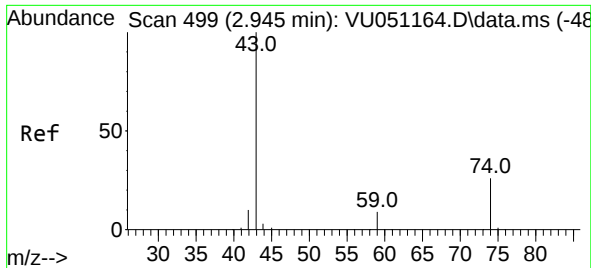
Tgt Ion: 76 Resp: 377546

Ion Ratio Lower Upper

76 100

78 9.5 7.4 11.0

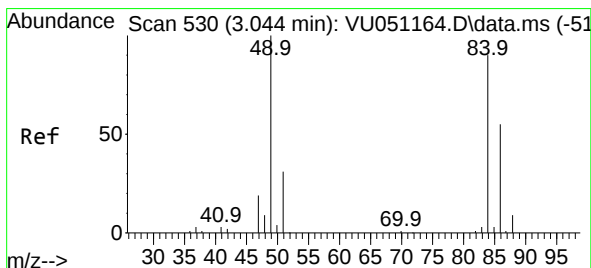
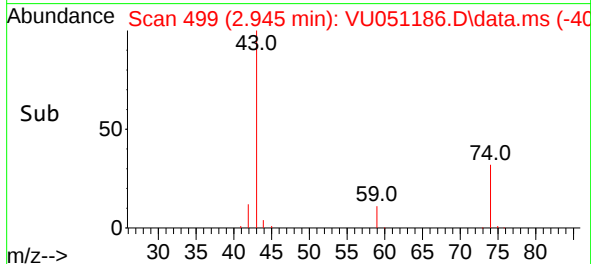
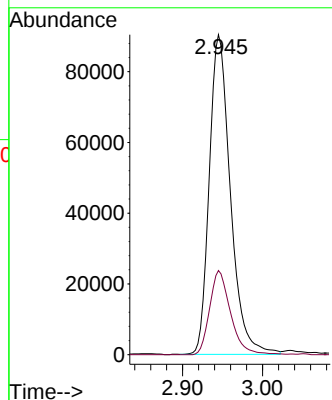
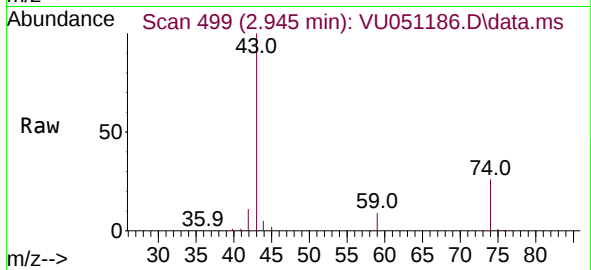




#15
Methyl Acetate
Concen: 43.375 ug/L
RT: 2.945 min Scan# 499
Delta R.T. 0.000 min
Lab File: VU051186.D
Acq: 06 Oct 2022 20:54

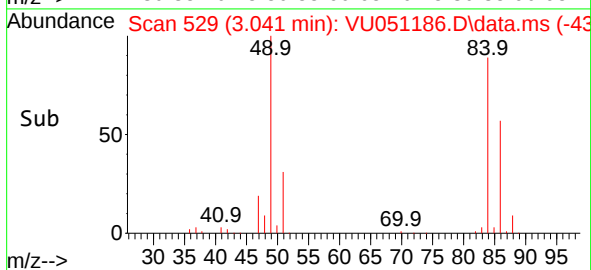
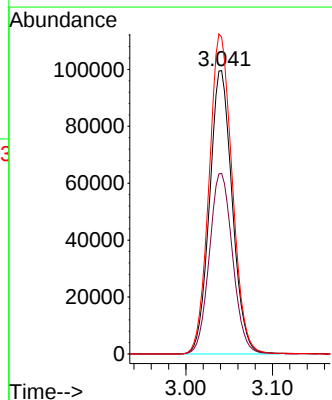
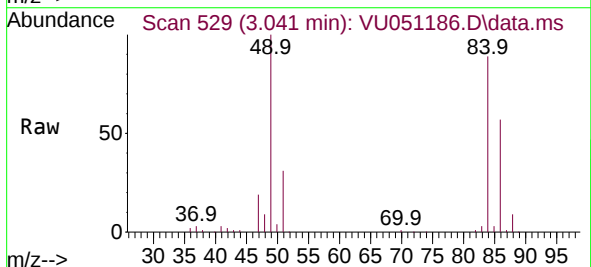
Instrument :
MSVOA_U
ClientSampleId :
EW825MSD

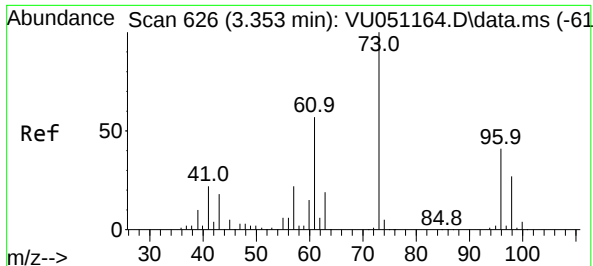
Tgt Ion: 43 Resp: 165967
Ion Ratio Lower Upper
43 100
74 26.0 22.4 33.6



#16
Methylene chloride
Concen: 44.350 ug/L
RT: 3.041 min Scan# 529
Delta R.T. -0.003 min
Lab File: VU051186.D
Acq: 06 Oct 2022 20:54

Tgt Ion: 84 Resp: 181286
Ion Ratio Lower Upper
84 100
86 63.7 45.4 84.4
49 111.8 78.3 145.3

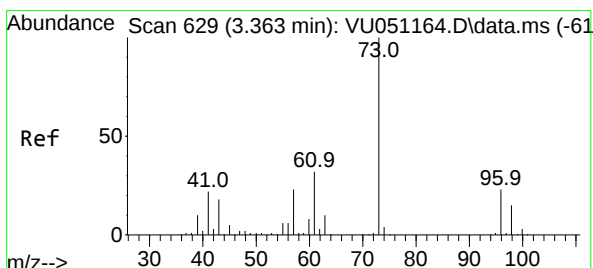
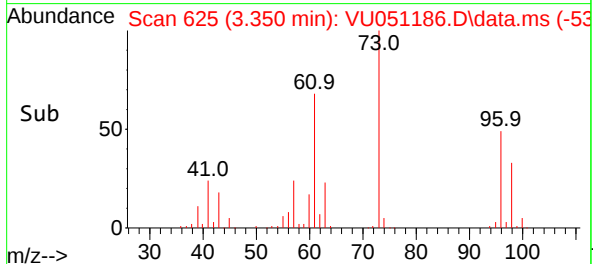
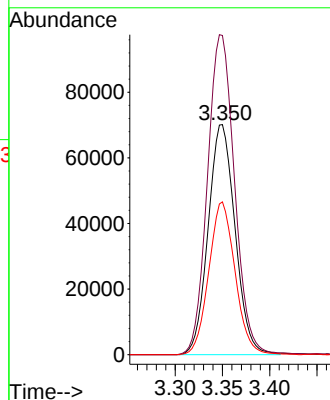
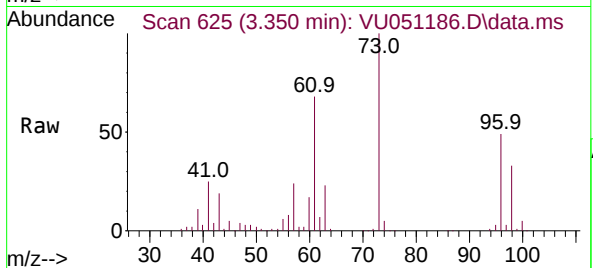




#17
trans-1,2-Dichloroethene
Concen: 45.949 ug/L
RT: 3.350 min Scan# 61
Delta R.T. -0.003 min
Lab File: VU051186.D
Acq: 06 Oct 2022 20:54

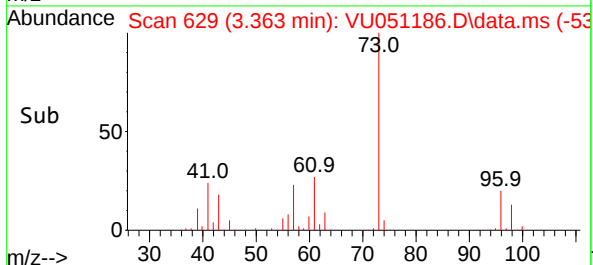
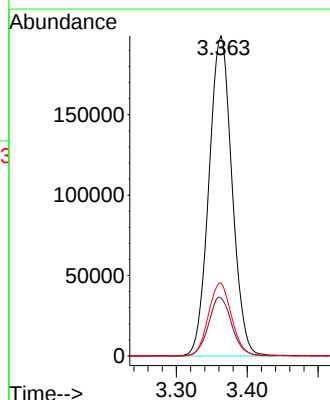
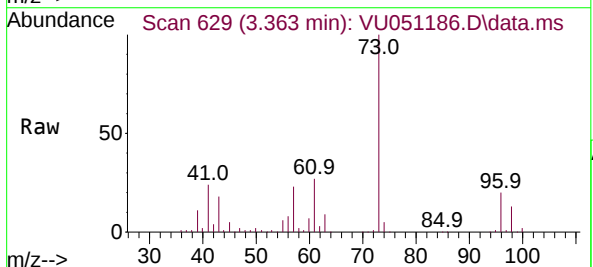
Instrument :
MSVOA_U
ClientSampleId :
EW825MSD

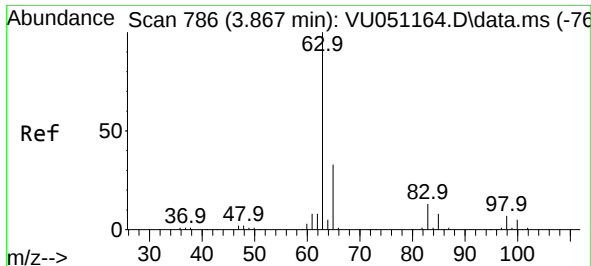
Tgt Ion: 96 Resp: 139194
Ion Ratio Lower Upper
96 100
61 138.8 95.1 176.5
98 66.4 45.1 83.7



#18
Methyl tert-butyl Ether
Concen: 48.872 ug/L
RT: 3.363 min Scan# 629
Delta R.T. 0.000 min
Lab File: VU051186.D
Acq: 06 Oct 2022 20:54

Tgt Ion: 73 Resp: 449907
Ion Ratio Lower Upper
73 100
43 18.5 14.7 22.1
57 22.9 17.5 26.3





#19

1,1-Dichloroethane

Concen: 51.247 ug/L

RT: 3.864 min Scan# 785

Delta R.T. -0.003 min

Lab File: VU051186.D

Acq: 06 Oct 2022 20:54

Instrument :

MSVOA_U

ClientSampleId :

EW825MSD

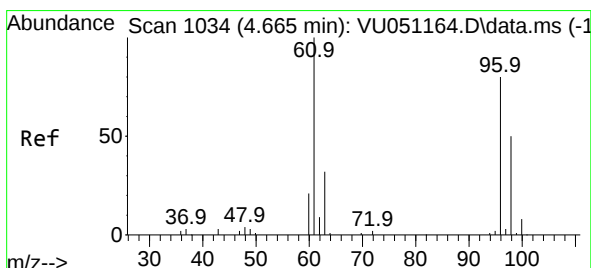
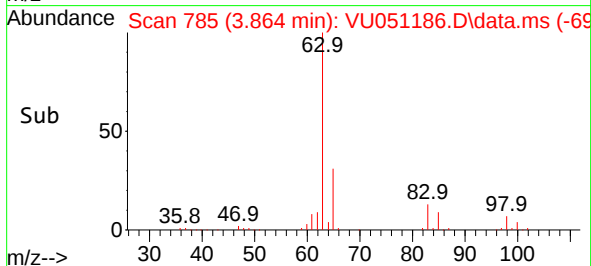
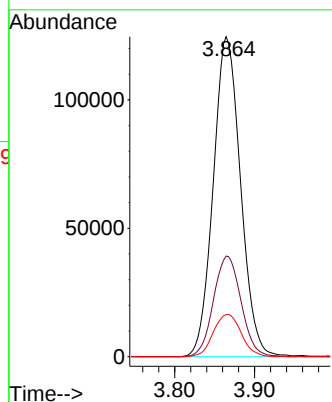
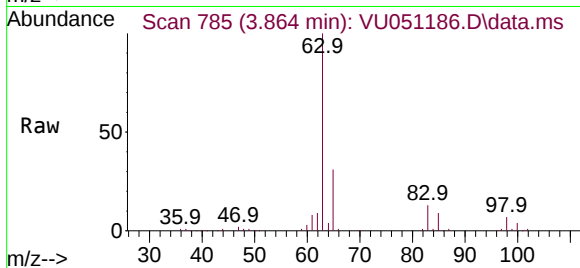
Tgt Ion: 63 Resp: 294887

Ion Ratio Lower Upper

63 100

65 31.5 22.6 42.0

83 13.2 9.4 17.4



#20

cis-1,2-Dichloroethene

Concen: 48.482 ug/L

RT: 4.665 min Scan# 1034

Delta R.T. 0.000 min

Lab File: VU051186.D

Acq: 06 Oct 2022 20:54

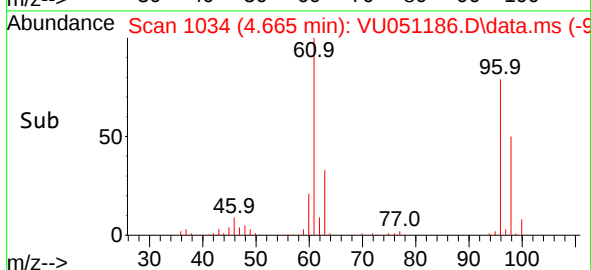
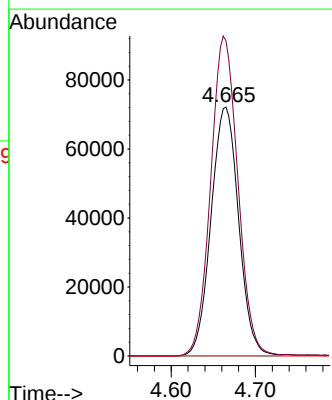
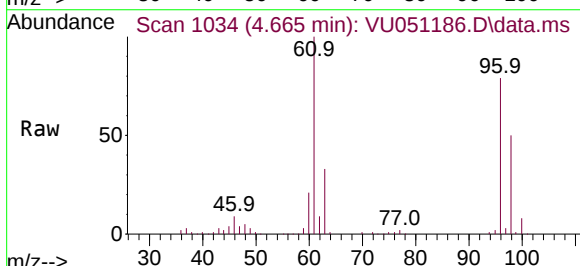
Tgt Ion: 96 Resp: 163984

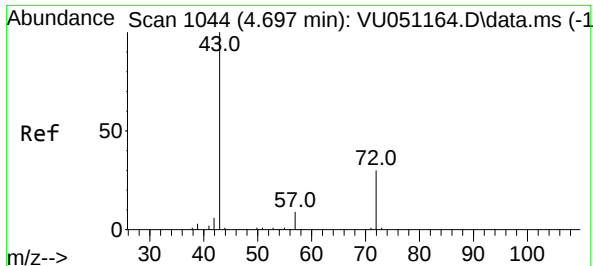
Ion Ratio Lower Upper

96 100

61 126.6 85.4 158.6

68 0.0 0.0 0.0





#22

2-Butanone

Concen: 88.820 ug/L

RT: 4.697 min Scan# 1044

Delta R.T. 0.000 min

Lab File: VU051186.D

Acq: 06 Oct 2022 20:54

Instrument :

MSVOA_U

ClientSampleId :

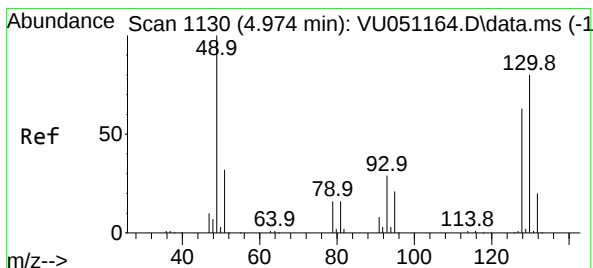
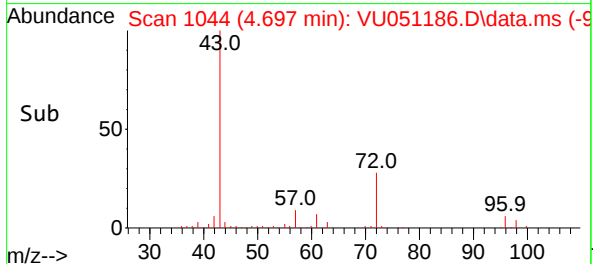
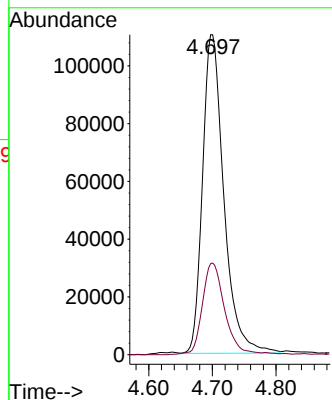
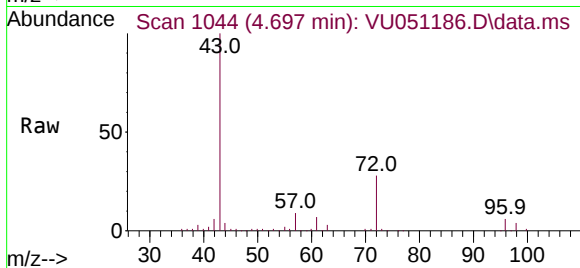
EW825MSD

Tgt Ion: 43 Resp: 257193

Ion Ratio Lower Upper

43 100

72 29.9 15.8 47.4



#23

Bromochloromethane

Concen: 49.166 ug/L

RT: 4.970 min Scan# 1129

Delta R.T. -0.003 min

Lab File: VU051186.D

Acq: 06 Oct 2022 20:54

Tgt Ion: 128 Resp: 91116

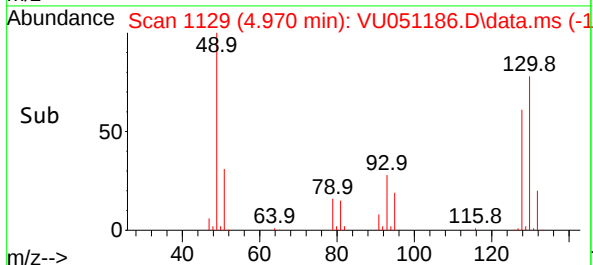
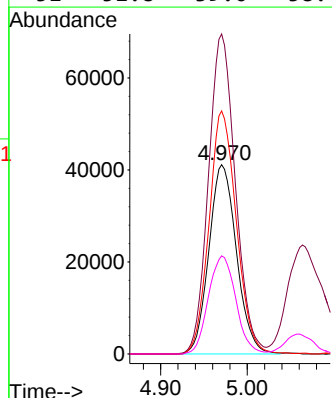
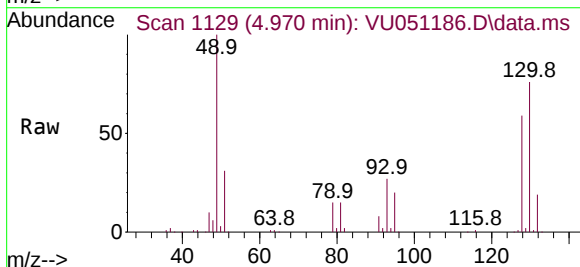
Ion Ratio Lower Upper

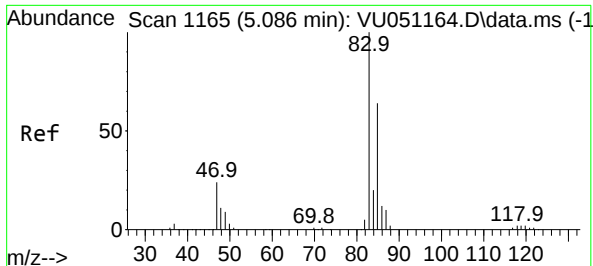
128 100

49 169.1 106.9 198.5

130 128.4 86.2 160.0

51 51.8 39.0 58.4





#25

Chloroform

Concen: 48.939 ug/L

RT: 5.083 min Scan# 1164

Delta R.T. -0.003 min

Lab File: VU051186.D

Acq: 06 Oct 2022 20:54

Instrument :

MSVOA_U

ClientSampleId :

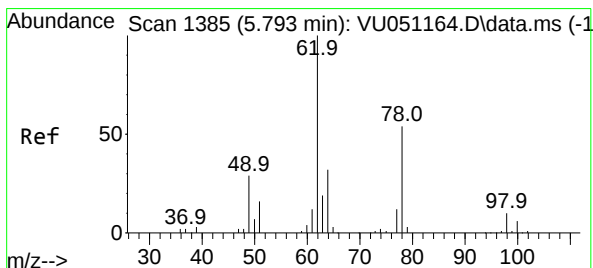
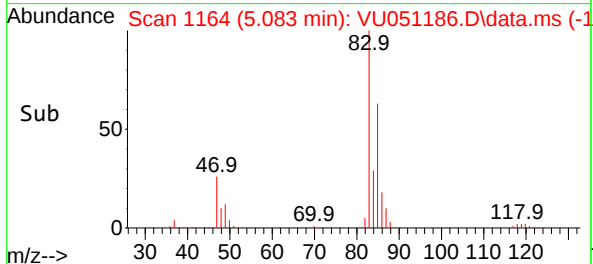
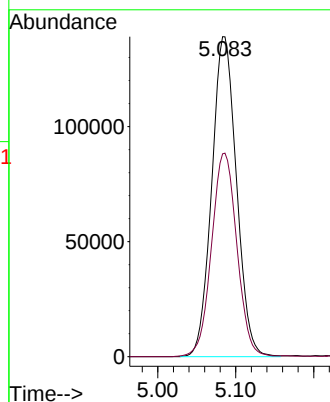
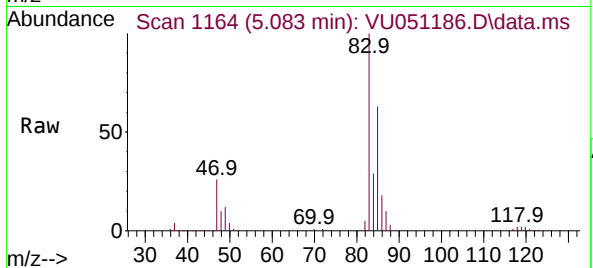
EW825MSD

Tgt Ion: 83 Resp: 306311

Ion Ratio Lower Upper

83 100

85 63.4 45.7 84.9



#27

1,2-Dichloroethane

Concen: 49.700 ug/L

RT: 5.790 min Scan# 1384

Delta R.T. -0.003 min

Lab File: VU051186.D

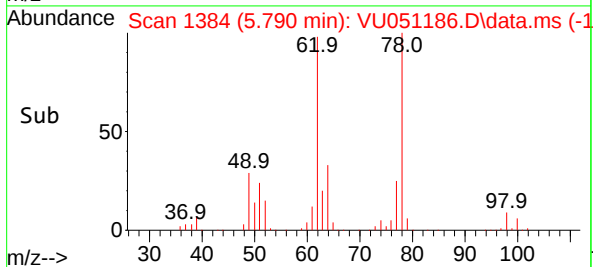
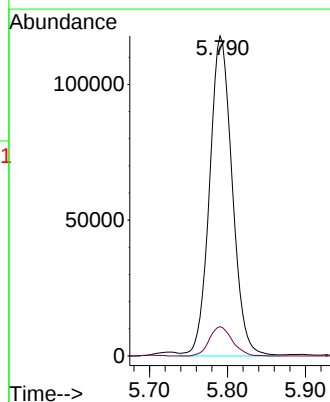
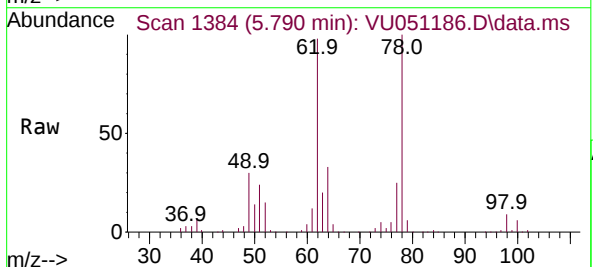
Acq: 06 Oct 2022 20:54

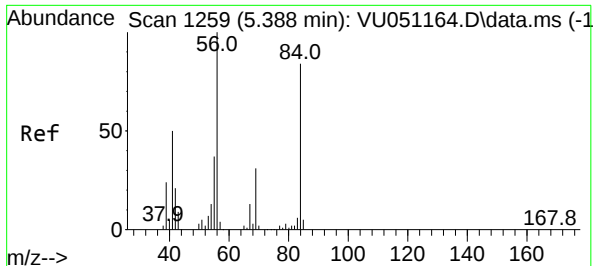
Tgt Ion: 62 Resp: 238291

Ion Ratio Lower Upper

62 100

98 9.2 7.3 10.9





#29

Cyclohexane

Concen: 48.075 ug/L

RT: 5.385 min Scan# 1259

Delta R.T. -0.003 min

Lab File: VU051186.D

Acq: 06 Oct 2022 20:54

Instrument :

MSVOA_U

ClientSampleId :

EW825MSD

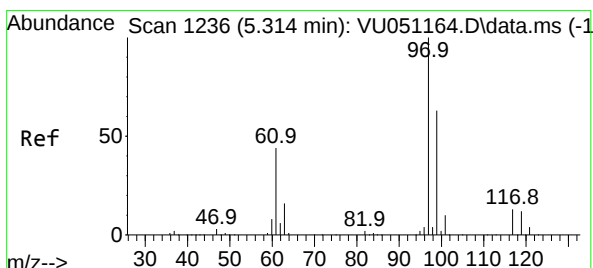
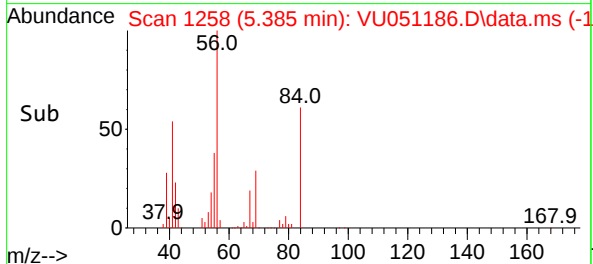
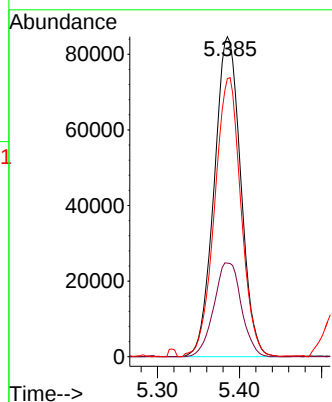
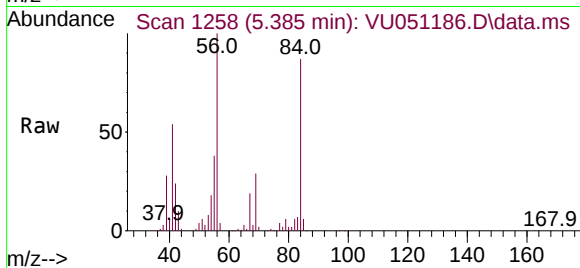
Tgt Ion: 56 Resp: 190430

Ion Ratio Lower Upper

56 100

69 30.3 24.8 37.2

84 86.6 71.8 107.6



#30

1,1,1-Trichloroethane

Concen: 48.835 ug/L

RT: 5.311 min Scan# 1235

Delta R.T. -0.003 min

Lab File: VU051186.D

Acq: 06 Oct 2022 20:54

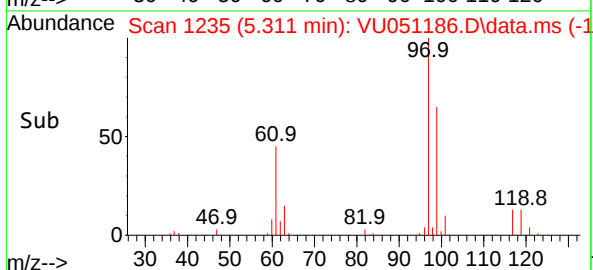
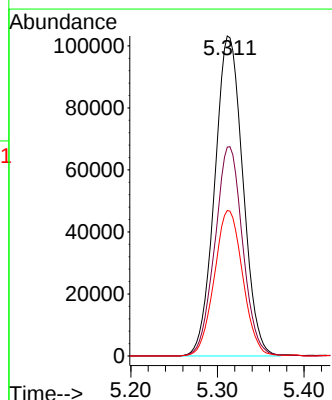
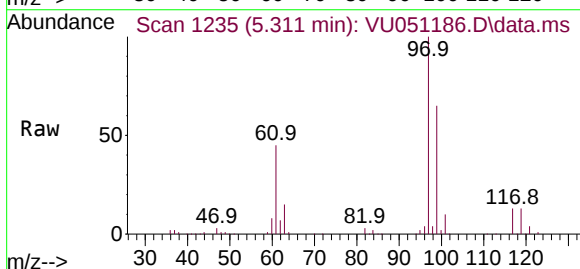
Tgt Ion: 97 Resp: 232992

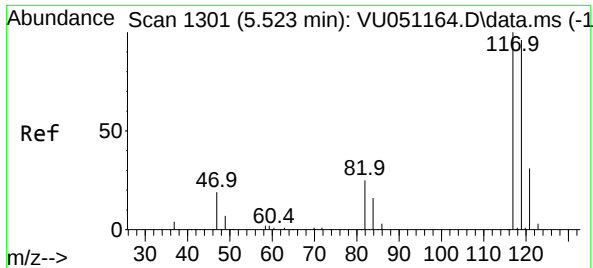
Ion Ratio Lower Upper

97 100

99 64.7 51.4 77.2

61 45.9 36.0 54.0

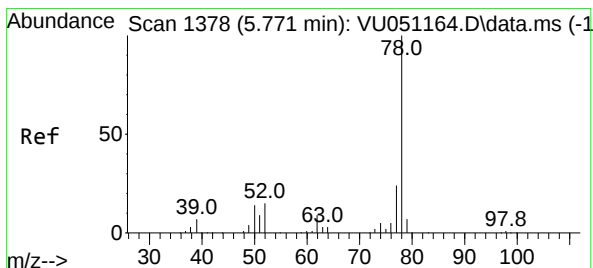
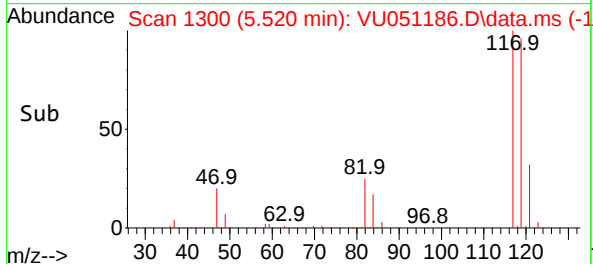
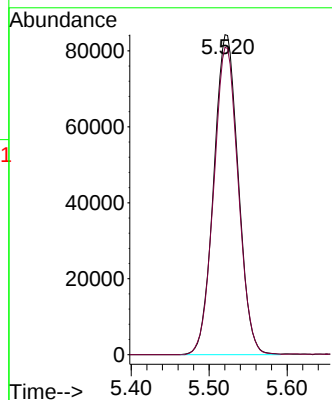
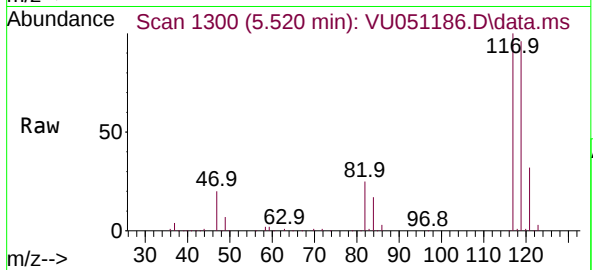




#31
Carbon tetrachloride
Concen: 47.337 ug/L
RT: 5.520 min Scan# 117
Delta R.T. -0.003 min
Lab File: VU051186.D
Acq: 06 Oct 2022 20:54

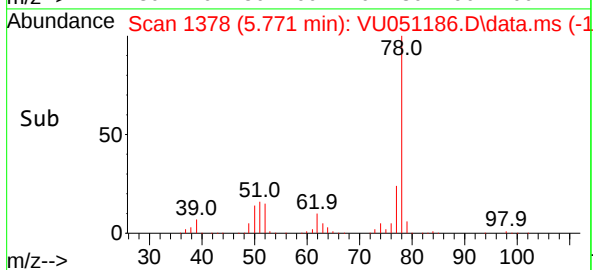
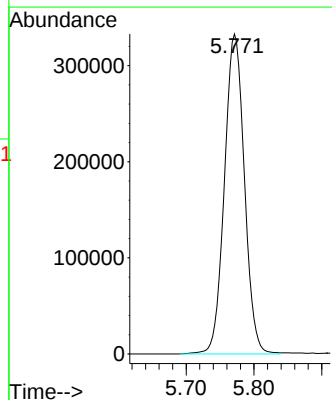
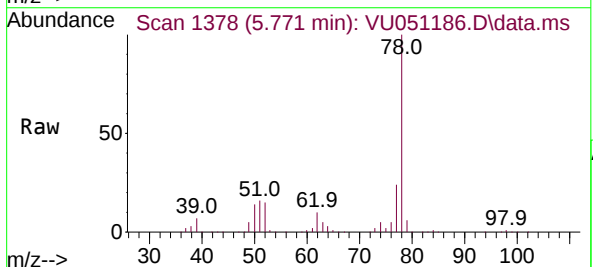
Instrument :
MSVOA_U
ClientSampleId :
EW825MSD

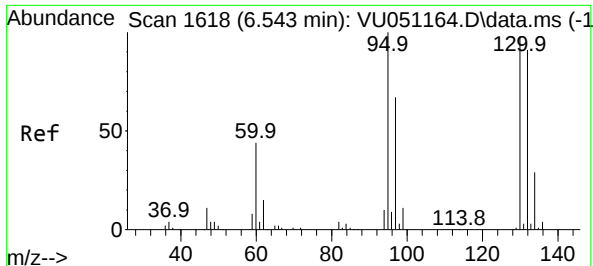
Tgt Ion:117 Resp: 184268
Ion Ratio Lower Upper
117 100
119 96.3 75.7 113.5



#33
Benzene
Concen: 54.975 ug/L
RT: 5.771 min Scan# 1378
Delta R.T. 0.000 min
Lab File: VU051186.D
Acq: 06 Oct 2022 20:54

Tgt Ion: 78 Resp: 681821

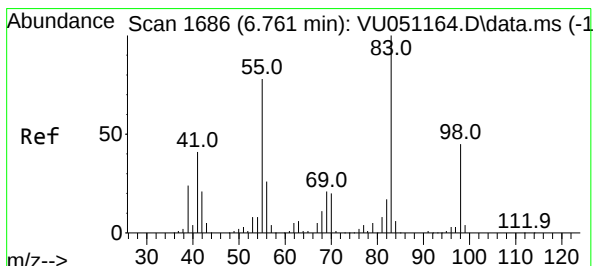
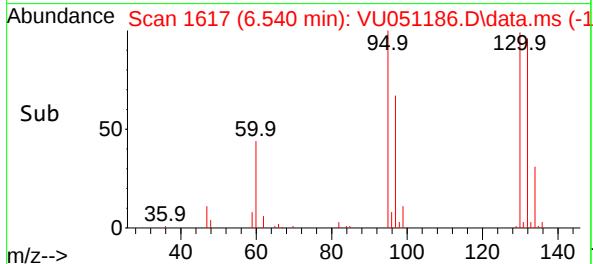
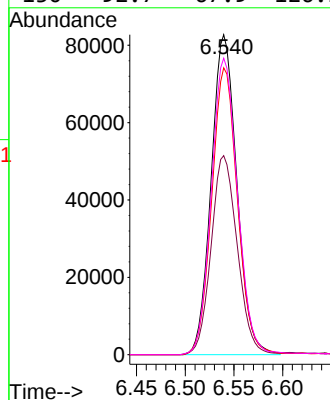
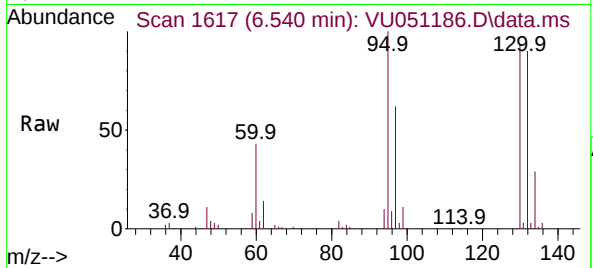




#34
Trichloroethene
Concen: 47.219 ug/L
RT: 6.540 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU051186.D
Acq: 06 Oct 2022 20:54

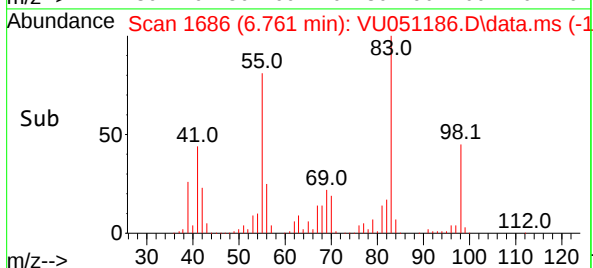
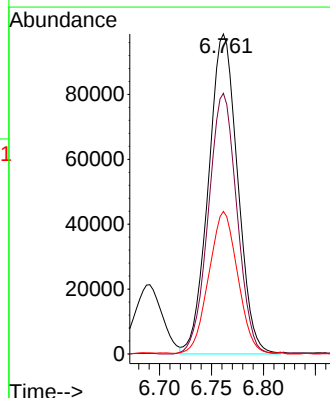
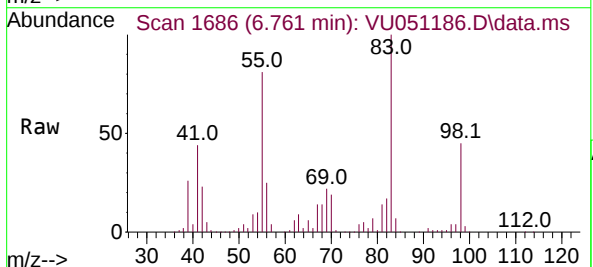
Instrument :
MSVOA_U
ClientSampleId :
EW825MSD

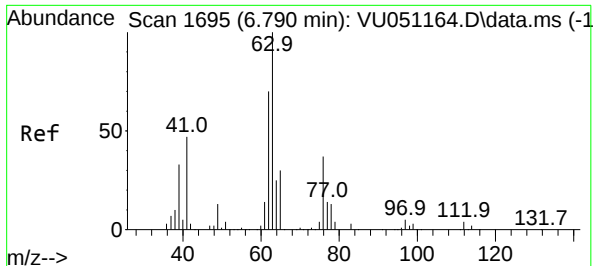
Tgt Ion: 95 Resp: 151684
Ion Ratio Lower Upper
95 100
97 62.2 45.9 85.3
132 89.7 64.0 119.0
130 92.7 67.9 126.1



#35
Methylcyclohexane
Concen: 44.174 ug/L
RT: 6.761 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VU051186.D
Acq: 06 Oct 2022 20:54

Tgt Ion: 83 Resp: 193135
Ion Ratio Lower Upper
83 100
55 79.5 59.3 88.9
98 44.2 36.0 54.0

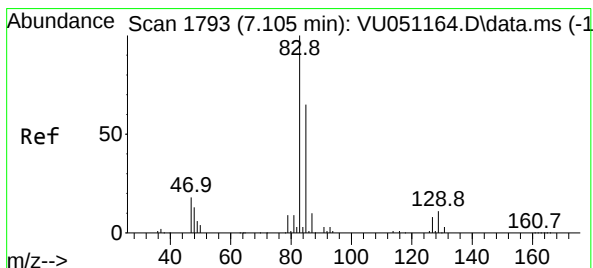
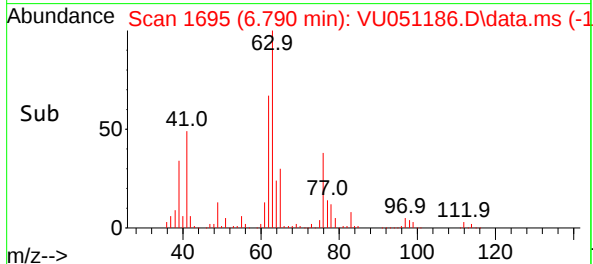
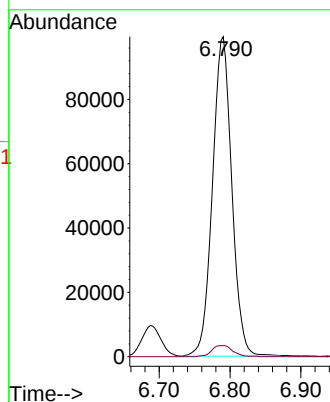
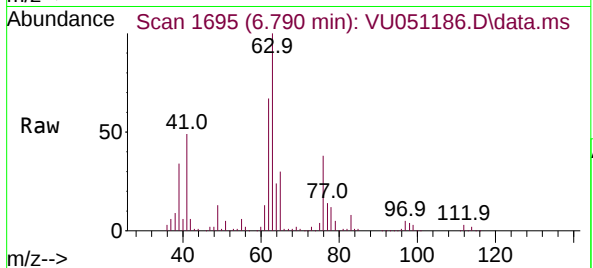




#37
1,2-Dichloropropane
Concen: 56.250 ug/L
RT: 6.790 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU051186.D
Acq: 06 Oct 2022 20:54

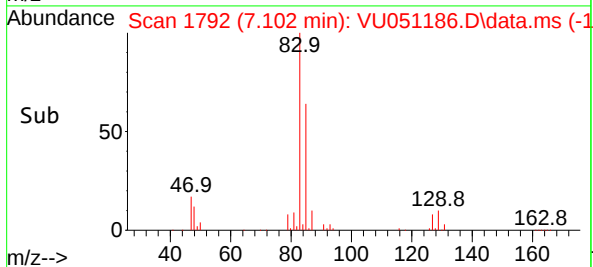
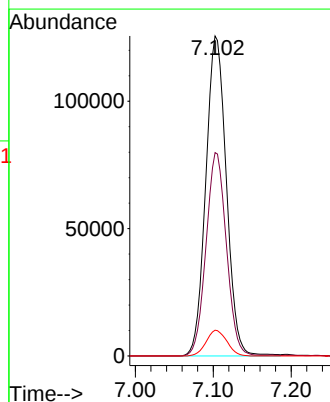
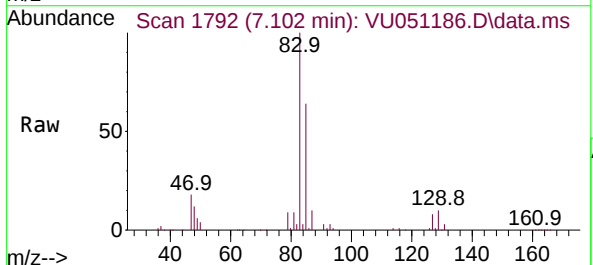
Instrument :
MSVOA_U
ClientSampleId :
EW825MSD

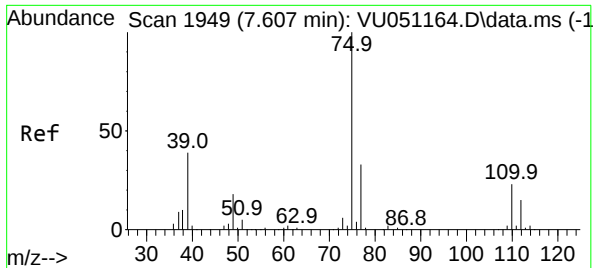
Tgt Ion: 63 Resp: 187865
Ion Ratio Lower Upper
63 100
112 3.8 3.3 4.9



#38
Bromodichloromethane
Concen: 51.660 ug/L
RT: 7.102 min Scan# 1792
Delta R.T. -0.003 min
Lab File: VU051186.D
Acq: 06 Oct 2022 20:54

Tgt Ion: 83 Resp: 230256
Ion Ratio Lower Upper
83 100
85 63.6 45.1 83.7
127 8.0 6.7 10.1





#39

cis-1,3-Dichloropropene

Concen: 47.201 ug/L

RT: 7.607 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VU051186.D

Acq: 06 Oct 2022 20:54

Instrument :

MSVOA_U

ClientSampleId :

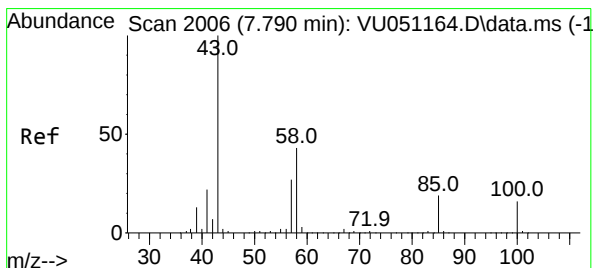
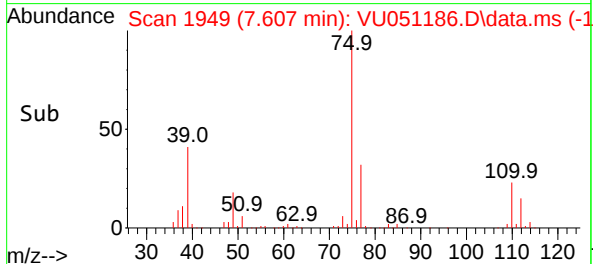
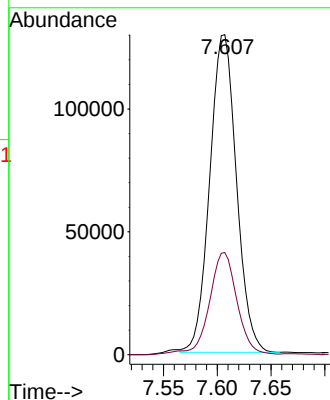
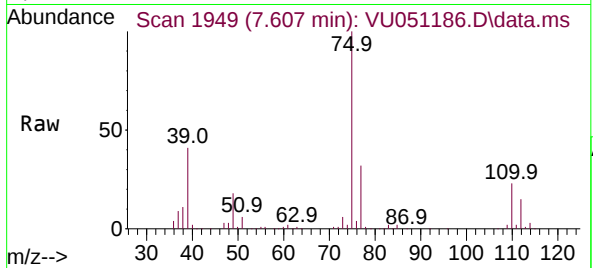
EW825MSD

Tgt Ion: 75 Resp: 223258

Ion Ratio Lower Upper

75 100

77 31.9 22.0 41.0



#40

4-Methyl-2-pentanone

Concen: 104.366 ug/L

RT: 7.790 min Scan# 2006

Delta R.T. 0.000 min

Lab File: VU051186.D

Acq: 06 Oct 2022 20:54

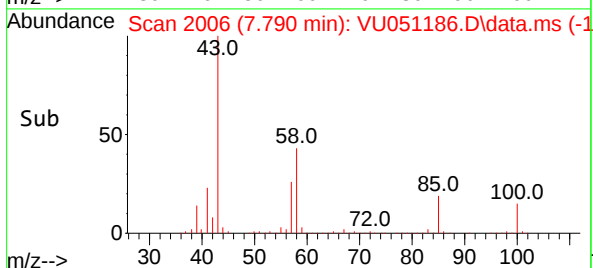
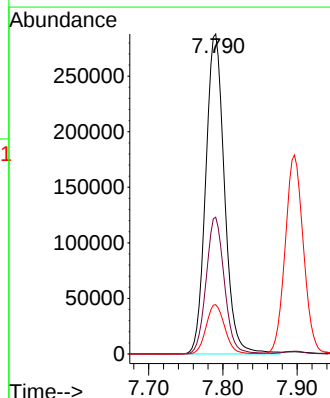
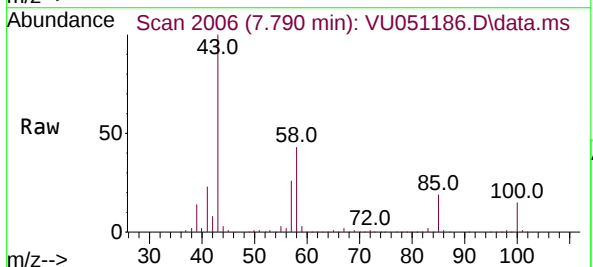
Tgt Ion: 43 Resp: 504794

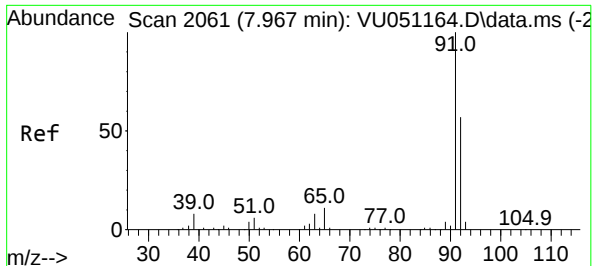
Ion Ratio Lower Upper

43 100

58 41.6 35.0 52.4

100 15.2 13.3 19.9





#42

Toluene

Concen: 53.645 ug/L

RT: 7.967 min Scan# 2061

Delta R.T. 0.000 min

Lab File: VU051186.D

Acq: 06 Oct 2022 20:54

Instrument :

MSVOA_U

ClientSampleId :

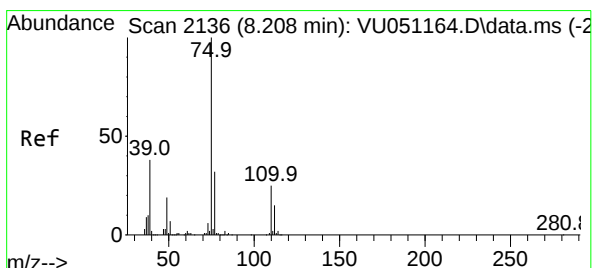
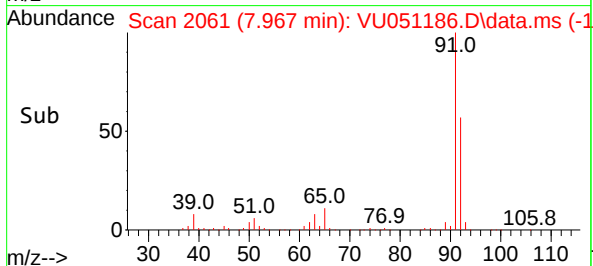
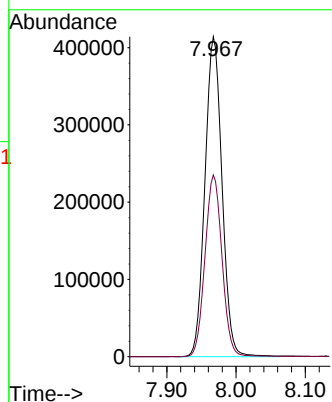
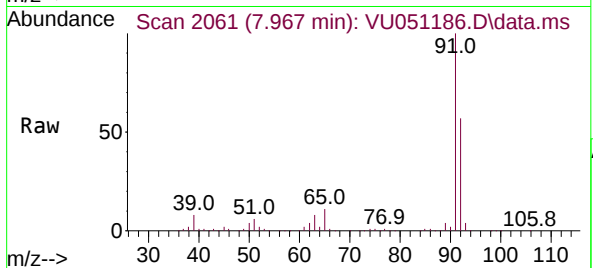
EW825MSD

Tgt Ion: 91 Resp: 707688

Ion Ratio Lower Upper

91 100

92 56.8 40.1 74.5



#44

trans-1,3-Dichloropropene

Concen: 47.476 ug/L

RT: 8.208 min Scan# 2136

Delta R.T. 0.000 min

Lab File: VU051186.D

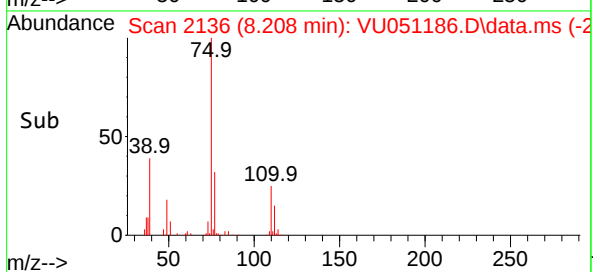
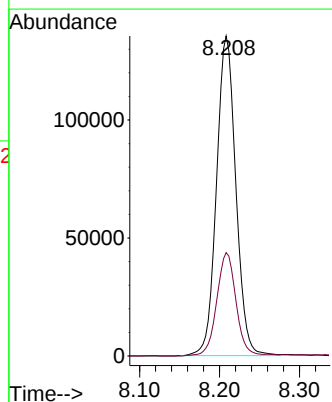
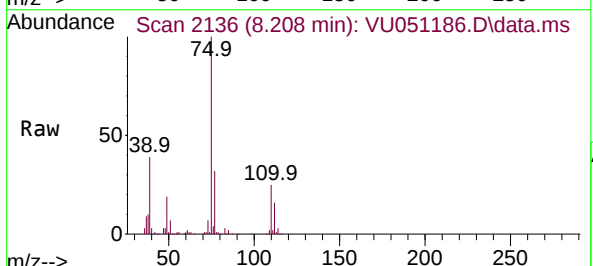
Acq: 06 Oct 2022 20:54

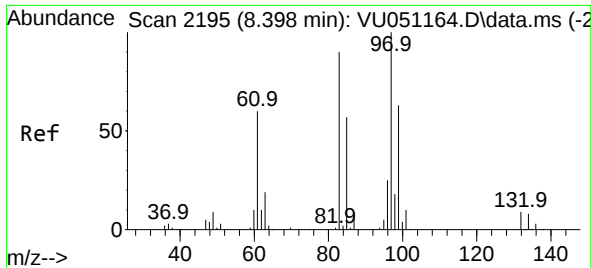
Tgt Ion: 75 Resp: 227055

Ion Ratio Lower Upper

75 100

77 32.3 22.7 42.3



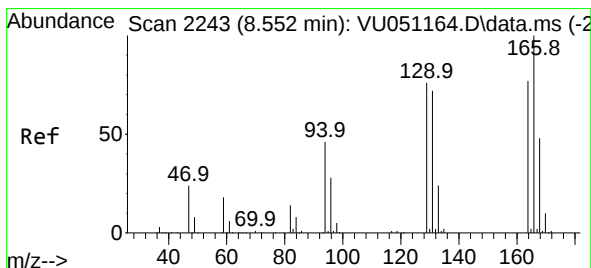
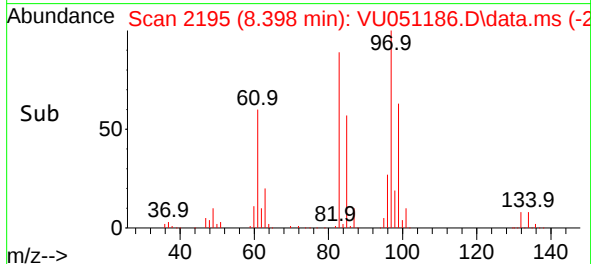
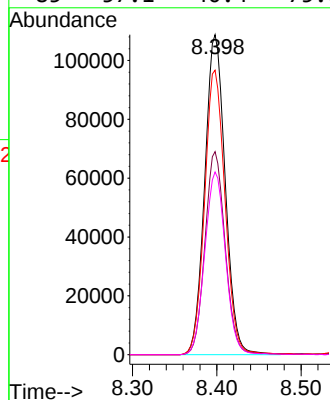
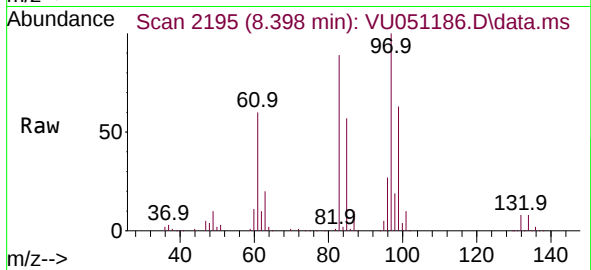


#45
1,1,2-Trichloroethane
Concen: 50.974 ug/L
RT: 8.398 min Scan# 2195
Delta R.T. 0.000 min
Lab File: VU051186.D
Acq: 06 Oct 2022 20:54

Instrument :
MSVOA_U
ClientSampleId :
EW825MSD

Tgt Ion: 97 Resp: 184406

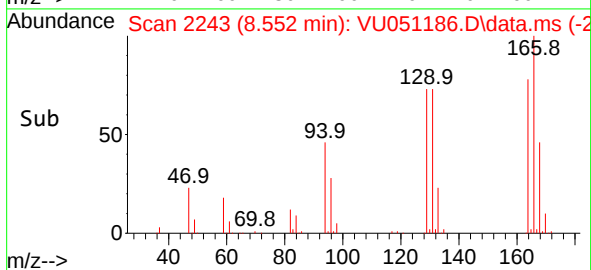
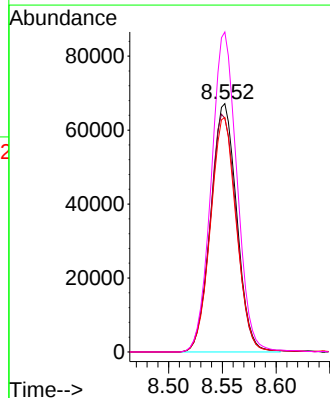
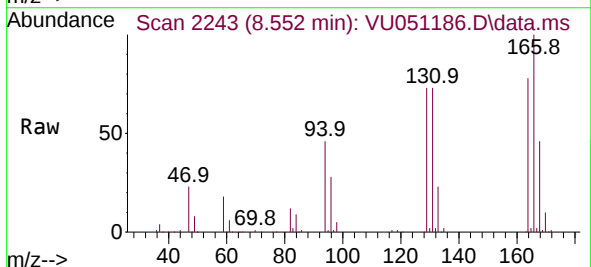
Ion	Ratio	Lower	Upper
97	100		
99	63.5	44.4	82.4
83	88.9	61.7	114.5
85	57.1	40.4	75.0

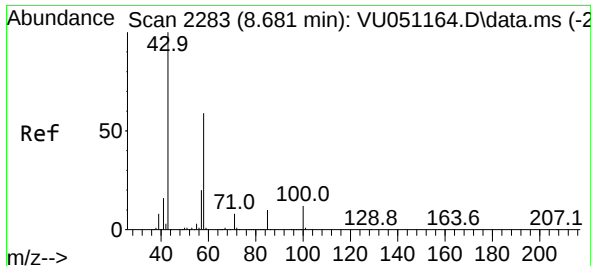


#46
Tetrachloroethene
Concen: 46.410 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. 0.000 min
Lab File: VU051186.D
Acq: 06 Oct 2022 20:54

Tgt Ion: 164 Resp: 112980

Ion	Ratio	Lower	Upper
164	100		
129	94.1	68.1	126.5
131	94.5	67.8	126.0
166	128.9	90.5	168.1

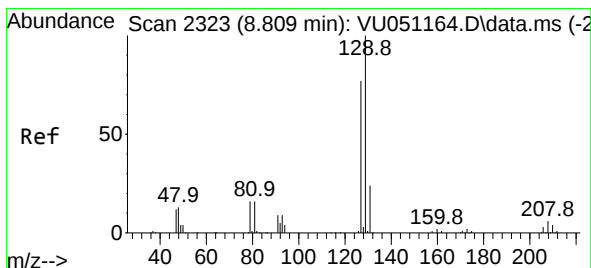
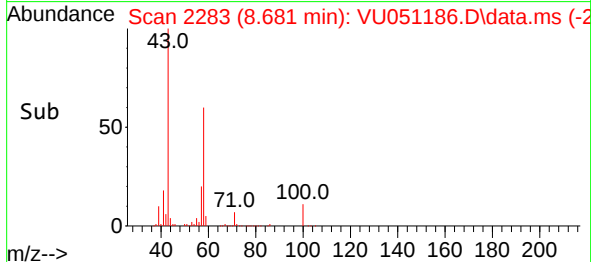
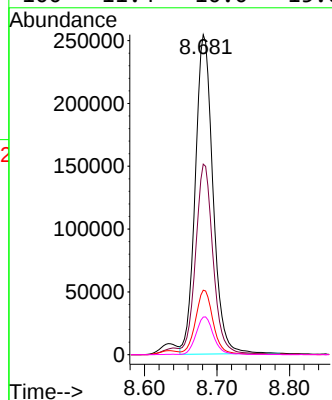
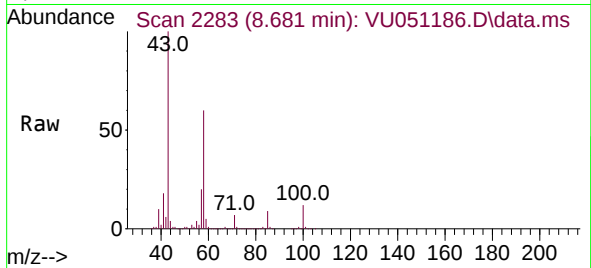




#48
2-Hexanone
Concen: 97.925 ug/L
RT: 8.681 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU051186.D
Acq: 06 Oct 2022 20:54

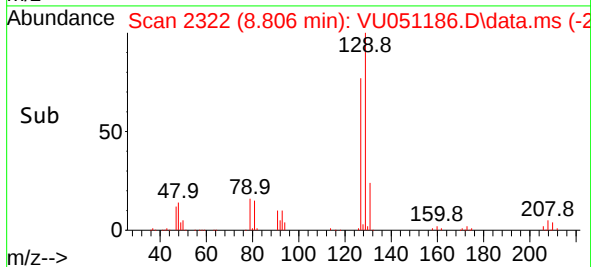
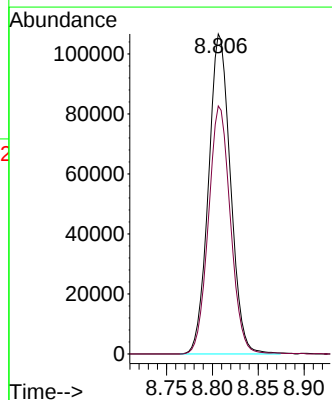
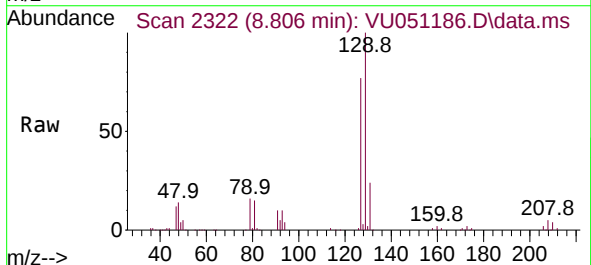
Instrument :
MSVOA_U
ClientSampleId :
EW825MSD

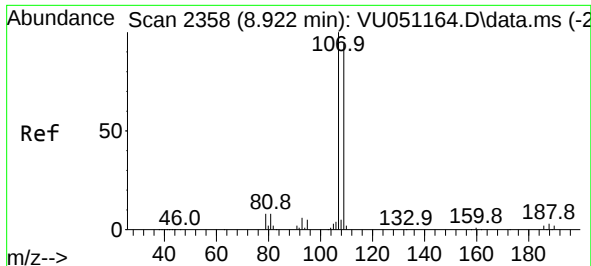
Tgt Ion: 43 Resp: 430205
Ion Ratio Lower Upper
43 100
58 58.7 48.3 72.5
57 20.0 15.9 23.9
100 11.4 10.0 15.0



#49
Dibromochloromethane
Concen: 46.811 ug/L
RT: 8.806 min Scan# 2322
Delta R.T. -0.003 min
Lab File: VU051186.D
Acq: 06 Oct 2022 20:54

Tgt Ion: 129 Resp: 178045
Ion Ratio Lower Upper
129 100
127 77.5 52.8 98.0

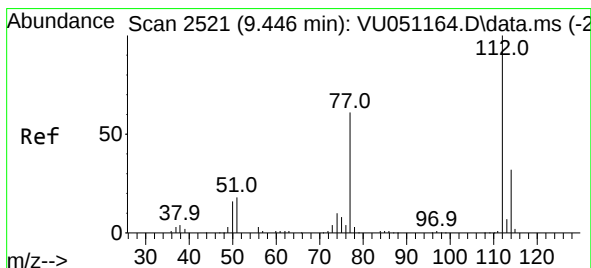
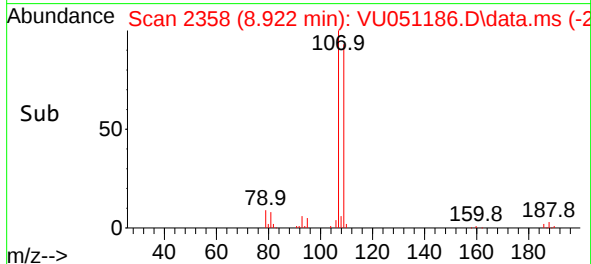
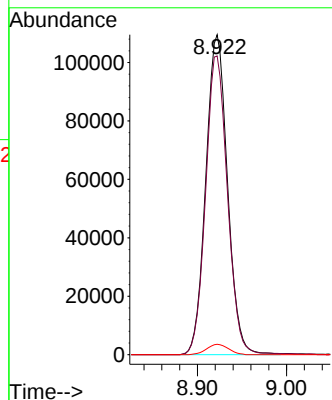
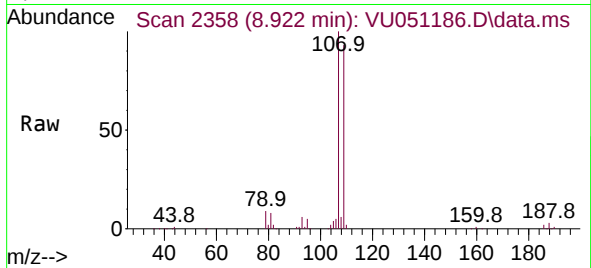




#50
1,2-Dibromoethane
Concen: 47.205 ug/L
RT: 8.922 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU051186.D
Acq: 06 Oct 2022 20:54

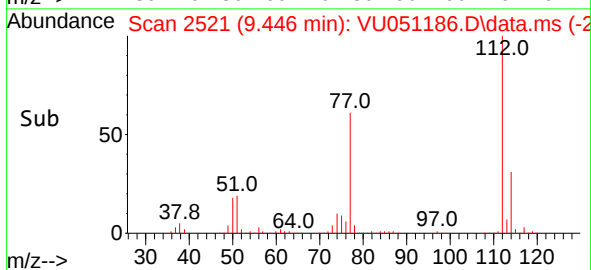
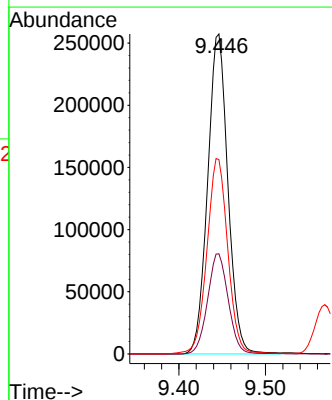
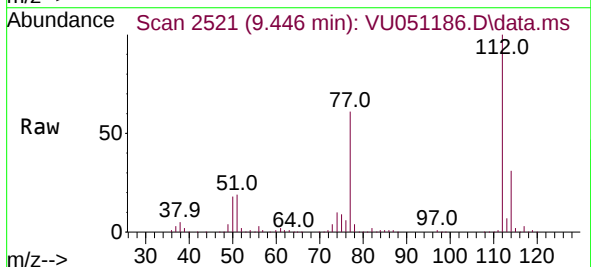
Instrument :
MSVOA_U
ClientSampleId :
EW825MSD

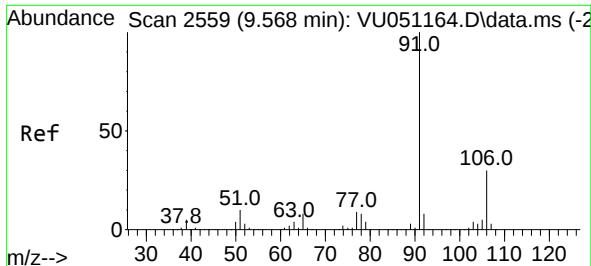
Tgt Ion:107 Resp: 185154
Ion Ratio Lower Upper
107 100
109 93.4 64.1 119.1
188 3.3 2.9 4.3



#51
Chlorobenzene
Concen: 46.589 ug/L
RT: 9.446 min Scan# 2521
Delta R.T. 0.000 min
Lab File: VU051186.D
Acq: 06 Oct 2022 20:54

Tgt Ion:112 Resp: 417957
Ion Ratio Lower Upper
112 100
114 31.3 22.3 41.3
77 60.8 48.2 72.2

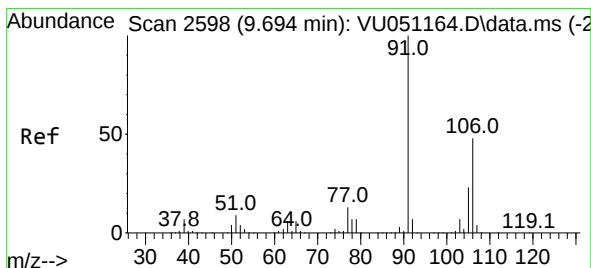
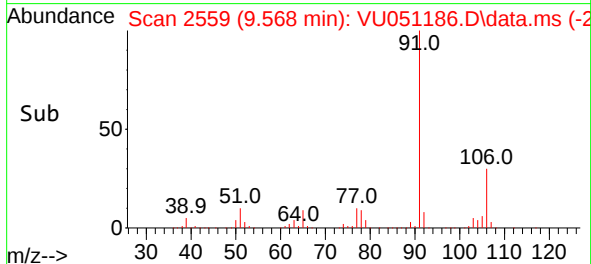
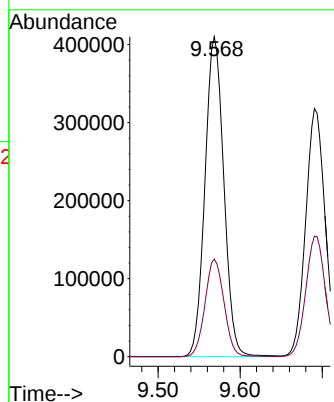
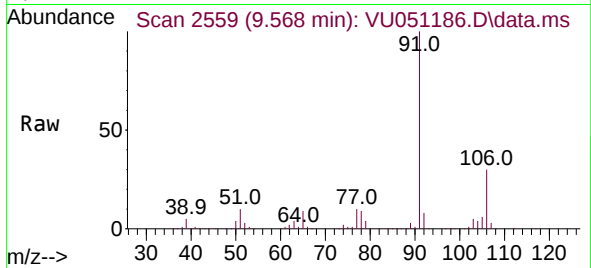




#52
Ethylbenzene
Concen: 46.548 ug/L
RT: 9.568 min Scan# 2559
Delta R.T. 0.000 min
Lab File: VU051186.D
Acq: 06 Oct 2022 20:54

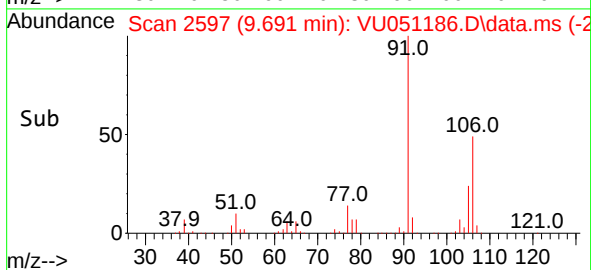
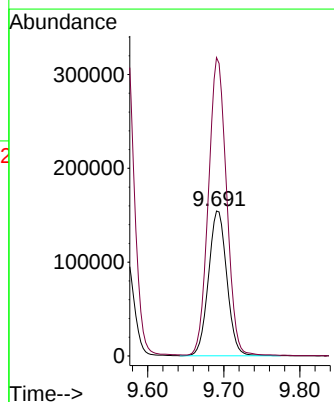
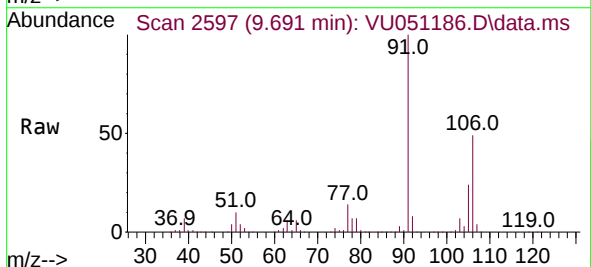
Instrument :
MSVOA_U
ClientSampleId :
EW825MSD

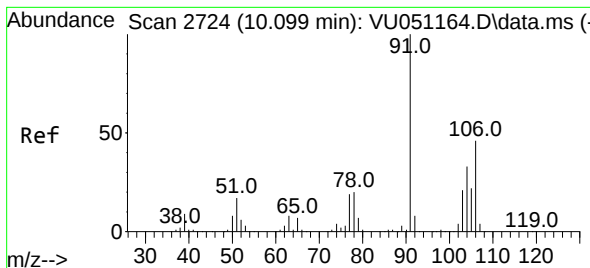
Tgt Ion: 91 Resp: 654990
Ion Ratio Lower Upper
91 100
106 30.5 21.7 40.3



#53
m,p-Xylene
Concen: 48.742 ug/L
RT: 9.691 min Scan# 2597
Delta R.T. -0.003 min
Lab File: VU051186.D
Acq: 06 Oct 2022 20:54

Tgt Ion: 106 Resp: 257918
Ion Ratio Lower Upper
106 100
91 205.9 141.9 263.5





#54

o-Xylene

Concen: 49.061 ug/L

RT: 10.099 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU051186.D

Acq: 06 Oct 2022 20:54

Instrument :

MSVOA_U

ClientSampleId :

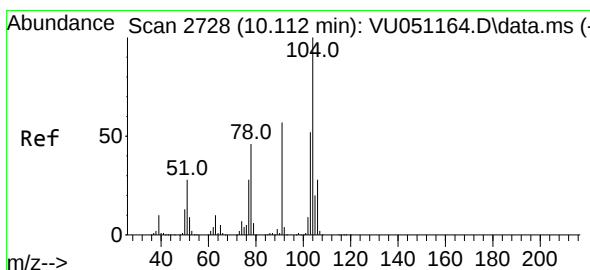
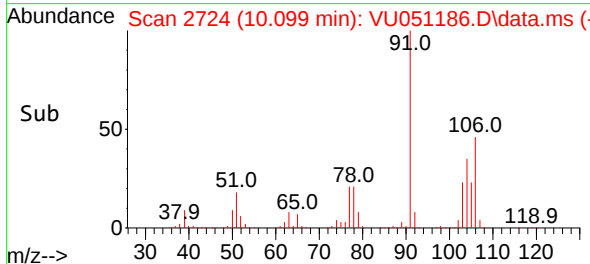
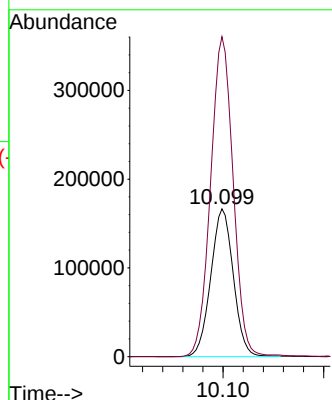
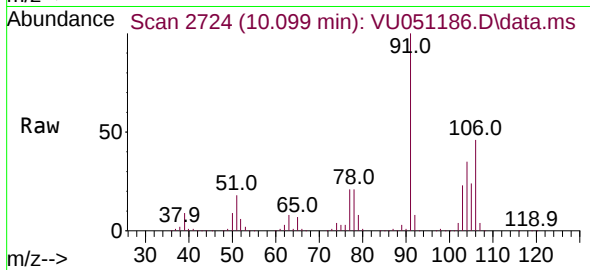
EW825MSD

Tgt Ion:106 Resp: 259483

Ion Ratio Lower Upper

106 100

91 216.3 152.4 283.0



#55

Styrene

Concen: 50.998 ug/L

RT: 10.112 min Scan# 2728

Delta R.T. 0.000 min

Lab File: VU051186.D

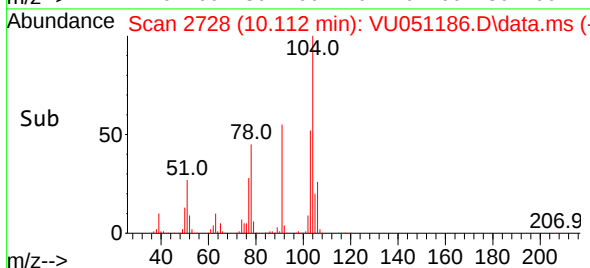
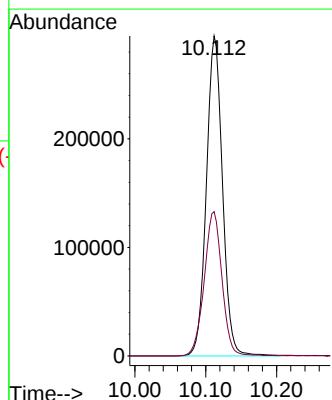
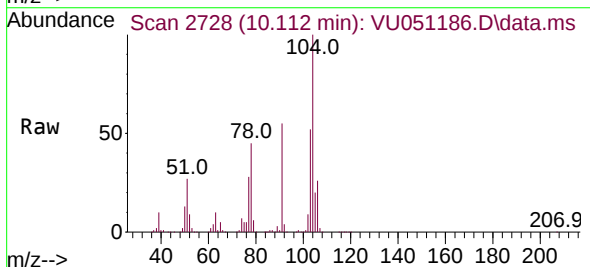
Acq: 06 Oct 2022 20:54

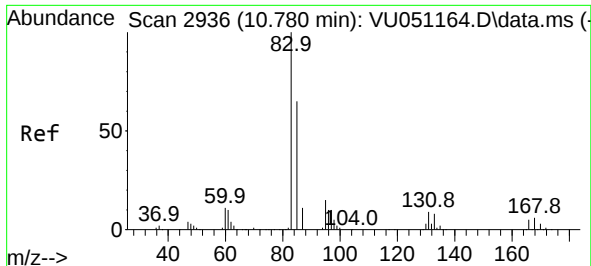
Tgt Ion:104 Resp: 466191

Ion Ratio Lower Upper

104 100

78 45.1 31.0 57.6

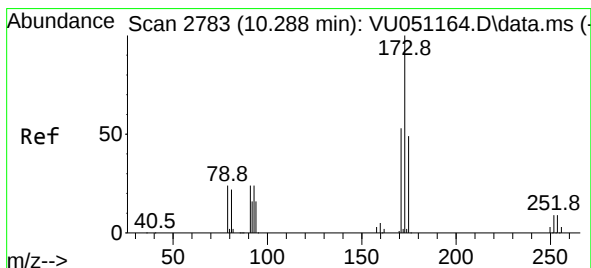
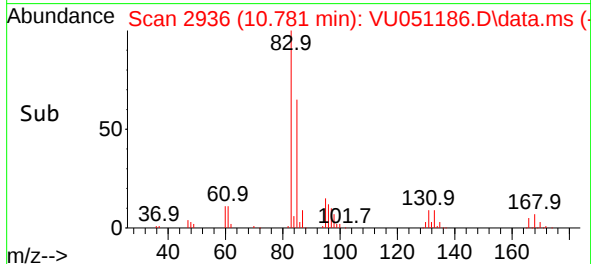
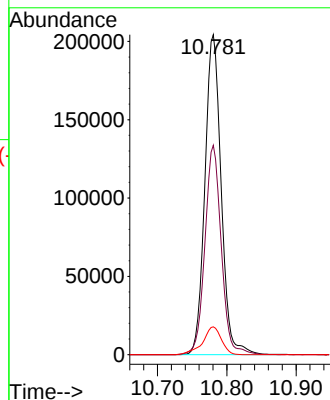
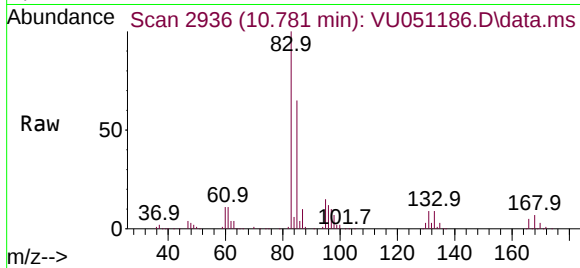




#57
 1,1,2,2-Tetrachloroethane
 Concen: 51.968 ug/L
 RT: 10.781 min Scan# 2936
 Delta R.T. 0.000 min
 Lab File: VU051186.D
 Acq: 06 Oct 2022 20:54

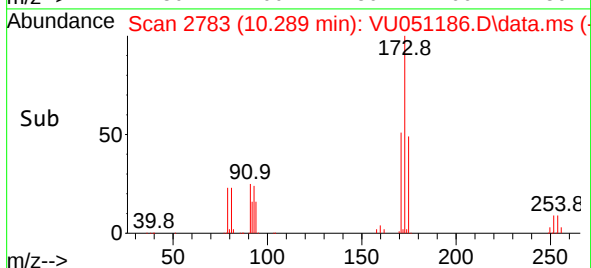
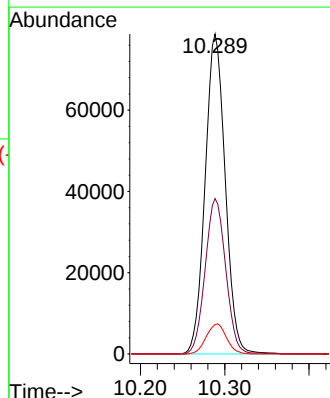
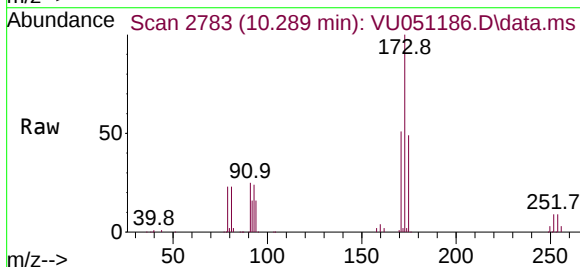
Instrument :
 MSVOA_U
 ClientSampleId :
 EW825MSD

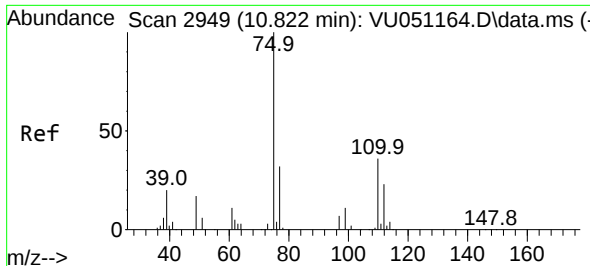
Tgt Ion: 83 Resp: 332730
 Ion Ratio Lower Upper
 83 100
 85 65.5 44.7 83.1
 131 8.7 7.0 10.4



#59
 Bromoform
 Concen: 45.035 ug/L
 RT: 10.289 min Scan# 2783
 Delta R.T. 0.000 min
 Lab File: VU051186.D
 Acq: 06 Oct 2022 20:54

Tgt Ion:173 Resp: 130726
 Ion Ratio Lower Upper
 173 100
 175 49.7 39.4 59.0
 254 9.5 7.4 11.0

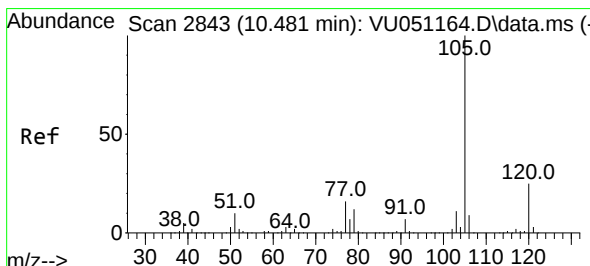
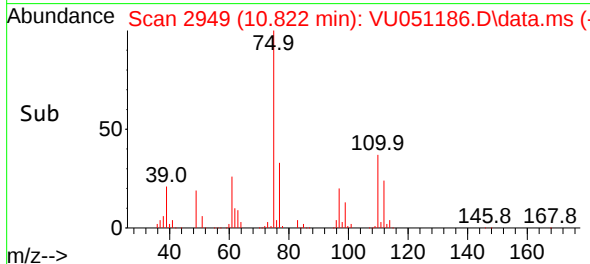
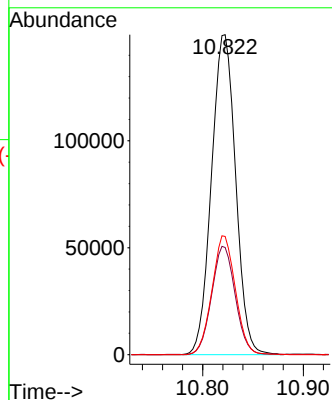
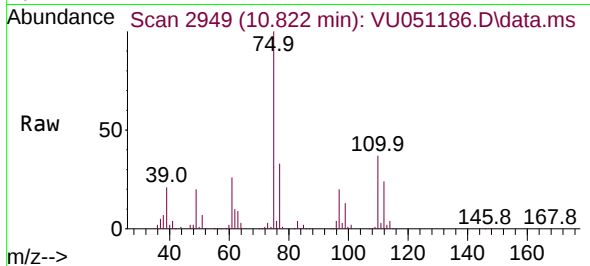




#60
1,2,3-Trichloropropane
Concen: 48.176 ug/L
RT: 10.822 min Scan# 2949
Delta R.T. 0.000 min
Lab File: VU051186.D
Acq: 06 Oct 2022 20:54

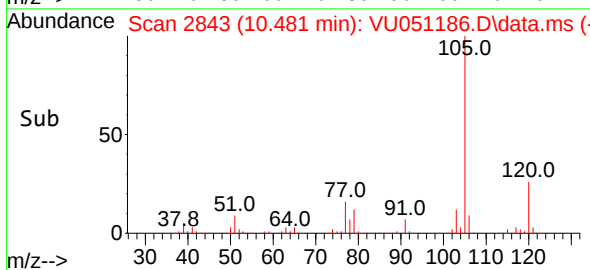
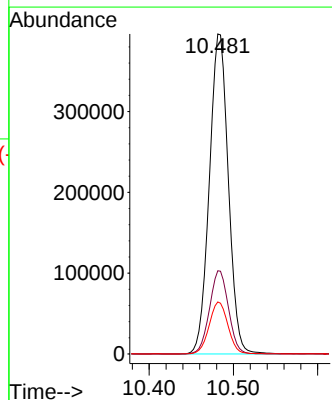
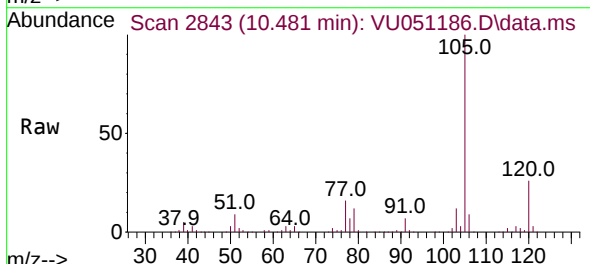
Instrument :
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ClientSampleId :
EW825MSD

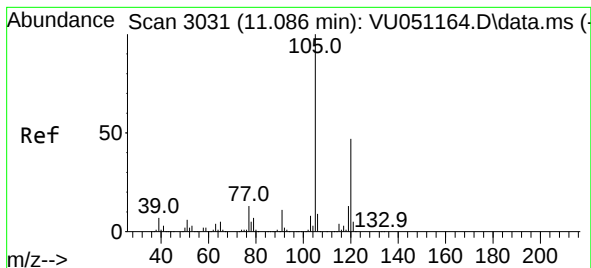
Tgt Ion: 75 Resp: 250117
Ion Ratio Lower Upper
75 100
77 33.2 26.1 39.1
110 36.0 30.0 45.0



#61
Isopropylbenzene
Concen: 48.399 ug/L
RT: 10.481 min Scan# 2843
Delta R.T. 0.000 min
Lab File: VU051186.D
Acq: 06 Oct 2022 20:54

Tgt Ion: 105 Resp: 620278
Ion Ratio Lower Upper
105 100
120 26.0 21.1 31.7
77 16.2 12.8 19.2





#62

1,3,5-Trimethylbenzene

Concen: 48.120 ug/L

RT: 11.086 min Scan# 3031

Delta R.T. 0.000 min

Lab File: VU051186.D

Acq: 06 Oct 2022 20:54

Instrument :

MSVOA_U

ClientSampleId :

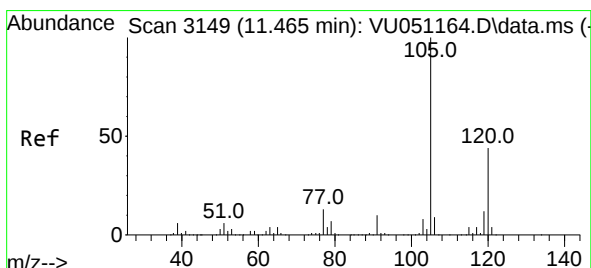
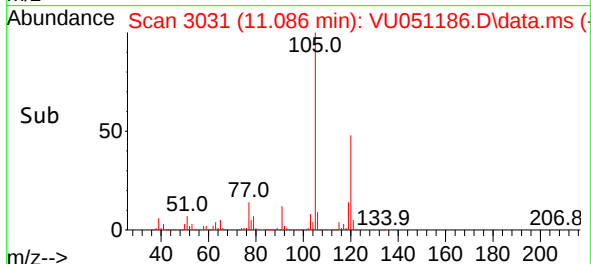
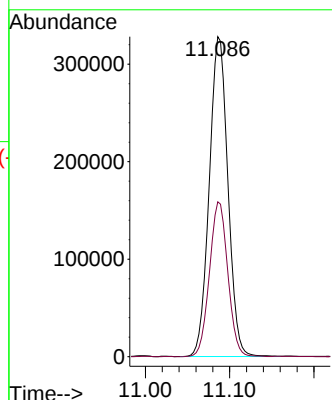
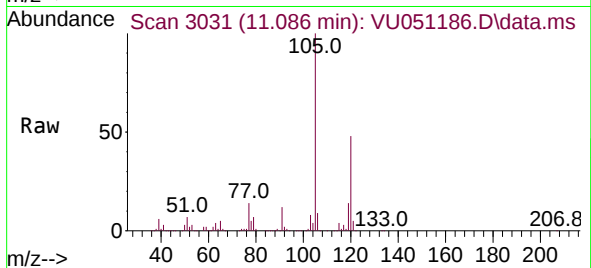
EW825MSD

Tgt Ion:105 Resp: 504276

Ion Ratio Lower Upper

105 100

120 47.7 37.8 56.8



#63

1,2,4-Trimethylbenzene

Concen: 49.221 ug/L

RT: 11.465 min Scan# 3149

Delta R.T. 0.000 min

Lab File: VU051186.D

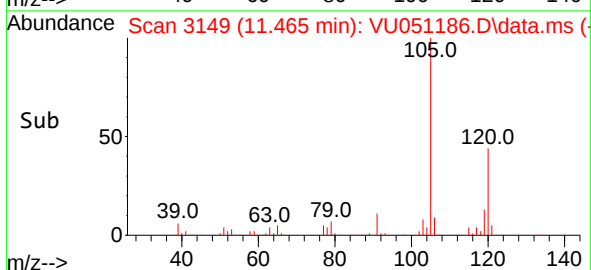
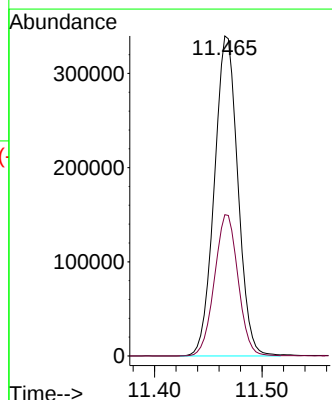
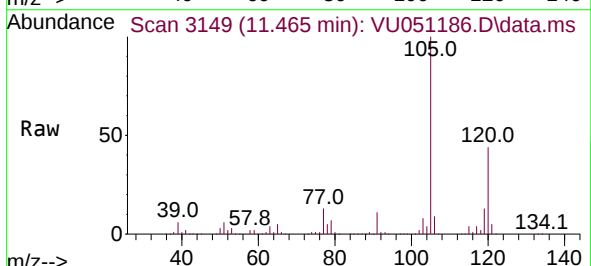
Acq: 06 Oct 2022 20:54

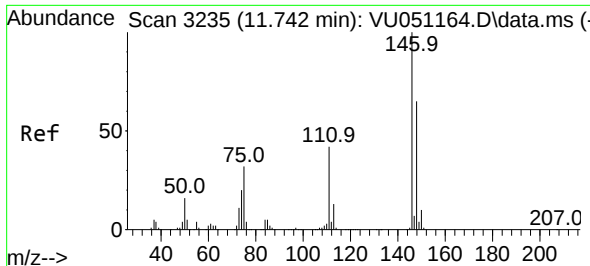
Tgt Ion:105 Resp: 516988

Ion Ratio Lower Upper

105 100

120 44.3 35.5 53.3

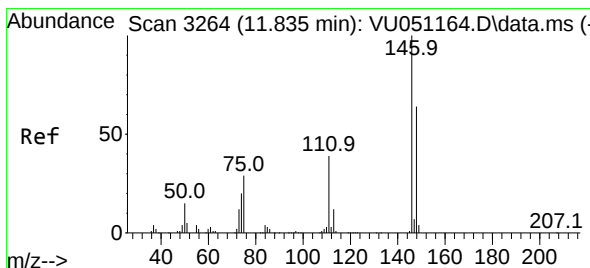
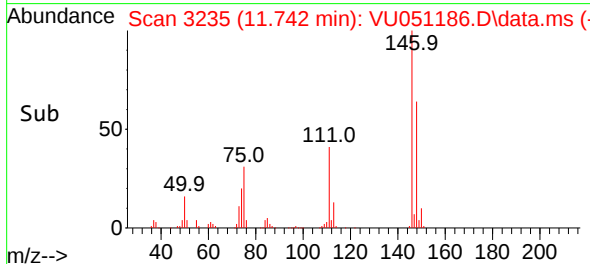
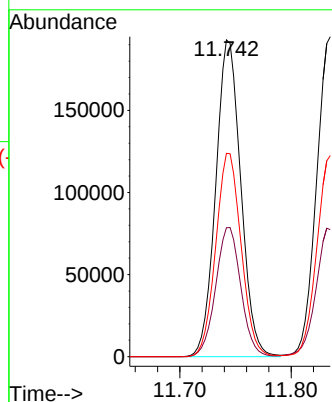
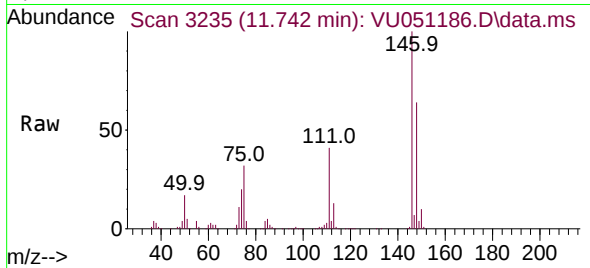




#64
1,3-Dichlorobenzene
Concen: 45.645 ug/L
RT: 11.742 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU051186.D
Acq: 06 Oct 2022 20:54

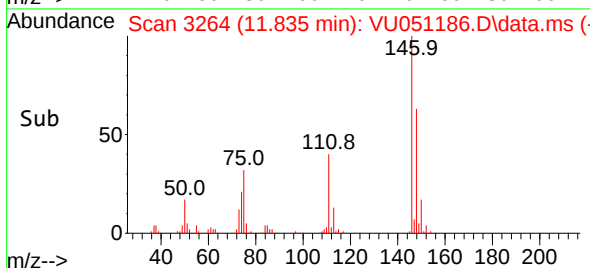
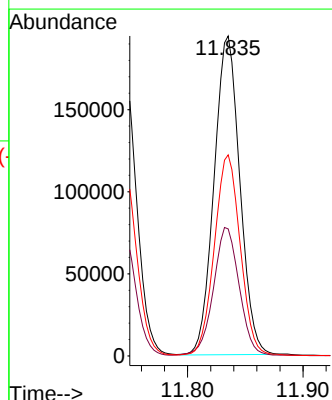
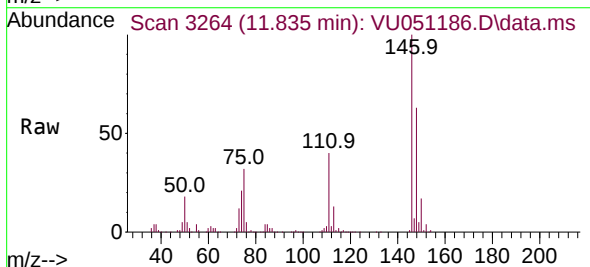
Instrument :
MSVOA_U
ClientSampleId :
EW825MSD

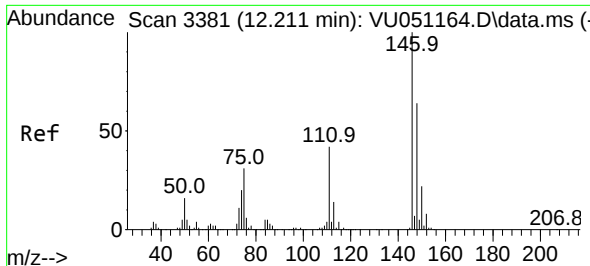
Tgt Ion:146 Resp: 301569
Ion Ratio Lower Upper
146 100
111 40.7 28.2 52.4
148 64.2 43.5 80.9



#65
1,4-Dichlorobenzene
Concen: 45.664 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. 0.000 min
Lab File: VU051186.D
Acq: 06 Oct 2022 20:54

Tgt Ion:146 Resp: 301581
Ion Ratio Lower Upper
146 100
111 39.7 27.0 50.2
148 62.9 45.1 83.9

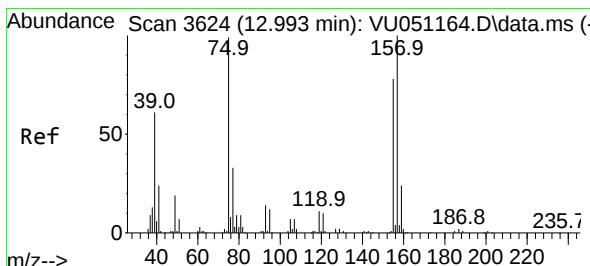
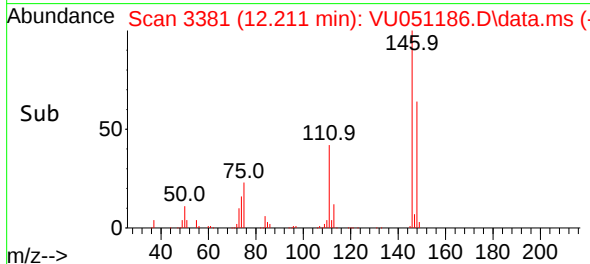
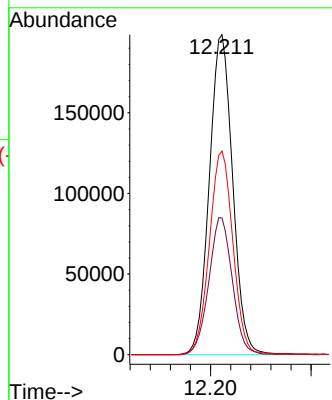
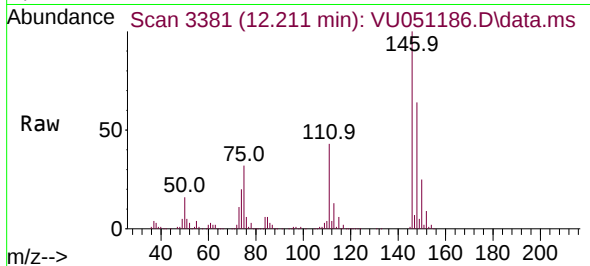




#67
1,2-Dichlorobenzene
Concen: 47.120 ug/L
RT: 12.211 min Scan# 3381
Delta R.T. 0.000 min
Lab File: VU051186.D
Acq: 06 Oct 2022 20:54

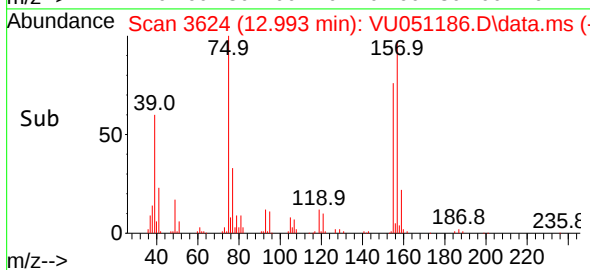
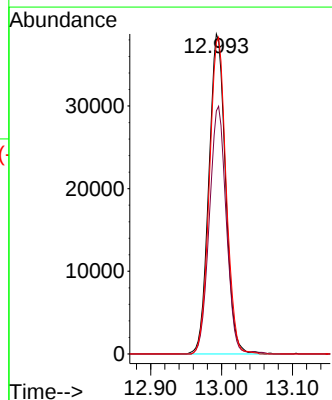
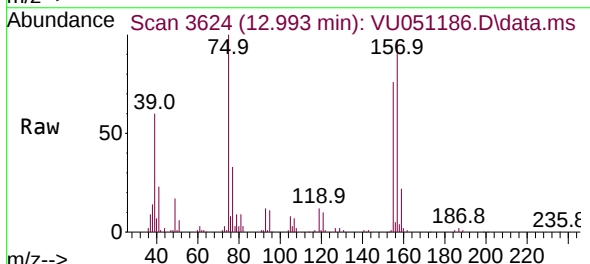
Instrument :
MSVOA_U
ClientSampleId :
EW825MSD

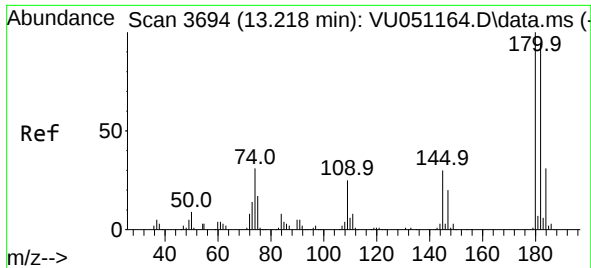
Tgt Ion:146 Resp: 319852
Ion Ratio Lower Upper
146 100
111 42.8 33.7 50.5
148 63.7 50.8 76.2



#68
1,2-Dibromo-3-chloropropane
Concen: 41.824 ug/L
RT: 12.993 min Scan# 3624
Delta R.T. 0.000 min
Lab File: VU051186.D
Acq: 06 Oct 2022 20:54

Tgt Ion: 75 Resp: 63366
Ion Ratio Lower Upper
75 100
155 75.9 64.4 96.6
157 97.4 82.2 123.2

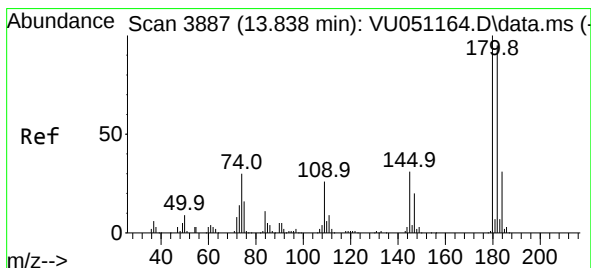
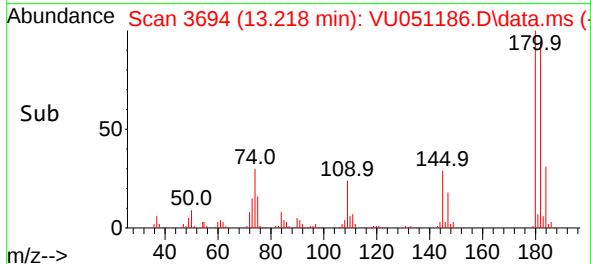
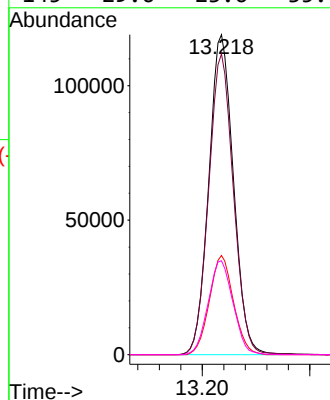
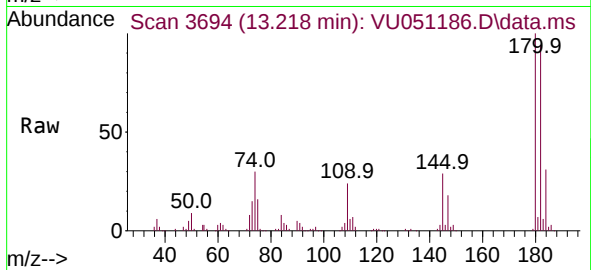




#69
1,3,5-Trichlorobenzene
Concen: 42.198 ug/L
RT: 13.218 min Scan# 3694
Delta R.T. 0.000 min
Lab File: VU051186.D
Acq: 06 Oct 2022 20:54

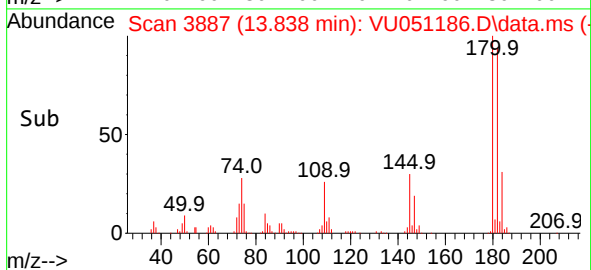
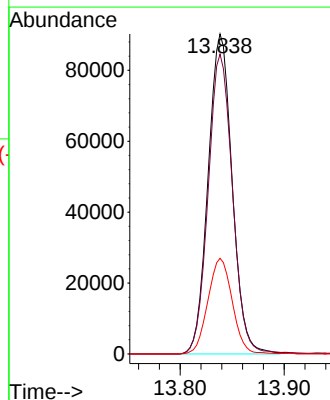
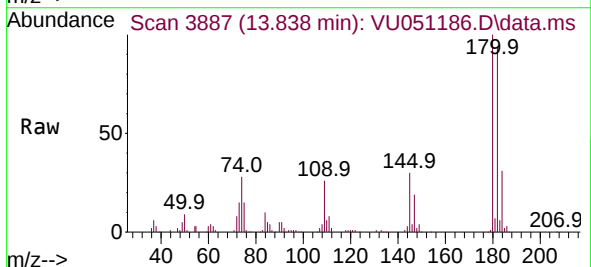
Instrument :
MSVOA_U
ClientSampleId :
EW825MSD

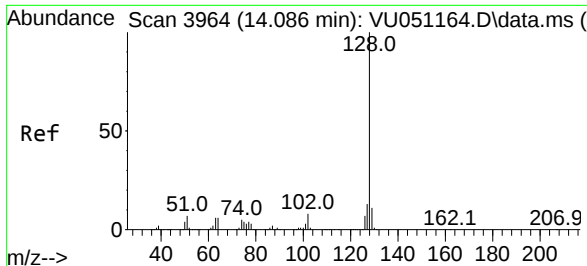
Tgt Ion:180 Resp: 189059
Ion Ratio Lower Upper
180 100
182 94.5 77.0 115.4
184 30.3 24.4 36.6
145 29.6 23.6 35.4



#70
1,2,4-trichlorobenzene
Concen: 39.557 ug/L
RT: 13.838 min Scan# 3887
Delta R.T. 0.000 min
Lab File: VU051186.D
Acq: 06 Oct 2022 20:54

Tgt Ion:180 Resp: 145004
Ion Ratio Lower Upper
180 100
182 94.5 75.9 113.9
145 30.2 24.0 36.0

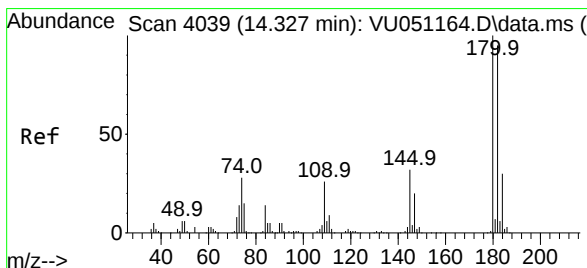
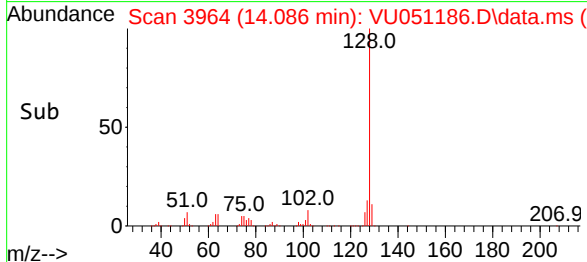
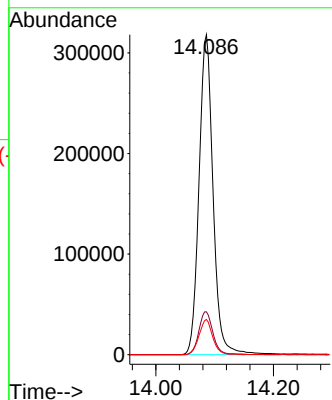
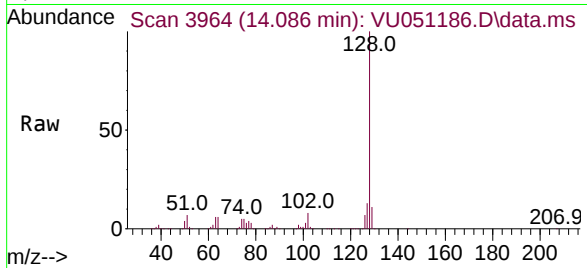




#71
Naphthalene
Concen: 40.184 ug/L
RT: 14.086 min Scan# 3964
Delta R.T. 0.000 min
Lab File: VU051186.D
Acq: 06 Oct 2022 20:54

Instrument :
MSVOA_U
ClientSampleId :
EW825MSD

Tgt Ion:128 Resp: 527229
Ion Ratio Lower Upper
128 100
127 13.5 10.7 16.1
129 10.6 8.6 13.0



#72
1,2,3-Trichlorobenzene
Concen: 42.415 ug/L
RT: 14.327 min Scan# 4039
Delta R.T. 0.000 min
Lab File: VU051186.D
Acq: 06 Oct 2022 20:54

Tgt Ion:180 Resp: 173497
Ion Ratio Lower Upper
180 100
182 95.0 76.0 114.0
145 32.0 26.1 39.1

