

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071224\
 Data File : VU059912.D
 Acq On : 12 Jul 2024 10:50
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 13 03:48:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jul 11 01:53:22 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	158743	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	163552	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	85458	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	66463	6.021	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	120.400%
7) Chloroethane-d5	1.911	69	55737	5.248	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.000%
11) 1,1-Dichloroethene-d2	2.560	65	25657	5.603	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	112.000%
20) 2-Butanone-d5	4.627	46	116375	51.183	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.360%
24) Chloroform-d	5.055	84	120074	5.300	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.000%
26) 1,2-Dichloroethane-d4	5.695	65	56244	5.153	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.000%
32) Benzene-d6	5.721	84	243383	5.407	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.200%
36) 1,2-Dichloropropane-d6	6.682	67	73286	5.313	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.200%
41) Toluene-d8	7.891	98	231567	5.534	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.600%
43) trans-1,3-Dichloroprop...	8.174	79	26099	6.043	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	120.800%
46) 2-Hexanone-d5	8.627	63	98686	54.992	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.980%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	58900	5.168	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	80172	5.271	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	59084	4.393	ug/L	98
3) Chloromethane	1.518	50	66728	4.609	ug/L	99
5) Vinyl chloride	1.602	62	76173	4.763	ug/L	98
6) Bromomethane	1.856	94	47931	4.310	ug/L	93
8) Chloroethane	1.930	64	48936	5.078	ug/L	100
9) Trichlorofluoromethane	2.132	101	98367	5.110	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	64569	5.298	ug/L	93
12) 1,1-Dichloroethene	2.573	96	56726	5.038	ug/L	87
13) Acetone	2.640	43	73273	49.679	ug/L	97
14) Carbon disulfide	2.788	76	171220	4.558	ug/L	98
15) Methyl Acetate	2.955	43	19158	4.922	ug/L	93
16) Methylene chloride	3.039	84	67409	5.053	ug/L	90
17) Methyl tert-butyl Ether	3.357	73	123279	5.081	ug/L	97
18) trans-1,2-Dichloroethene	3.348	96	59147	5.051	ug/L	91
19) 1,1-Dichloroethane	3.859	63	111936	5.184	ug/L	98
21) 2-Butanone	4.705	43	117790	49.791	ug/L	85
22) cis-1,2-Dichloroethene	4.656	96	65568	5.080	ug/L	96
23) Bromochloromethane	4.968	128	31807	5.406	ug/L	83
25) Chloroform	5.081	83	118628	5.216	ug/L	99

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 Data File : VU059912.D
 Acq On : 12 Jul 2024 10:50
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 13 03:48:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jul 11 01:53:22 2024
 Response via : Initial Calibration

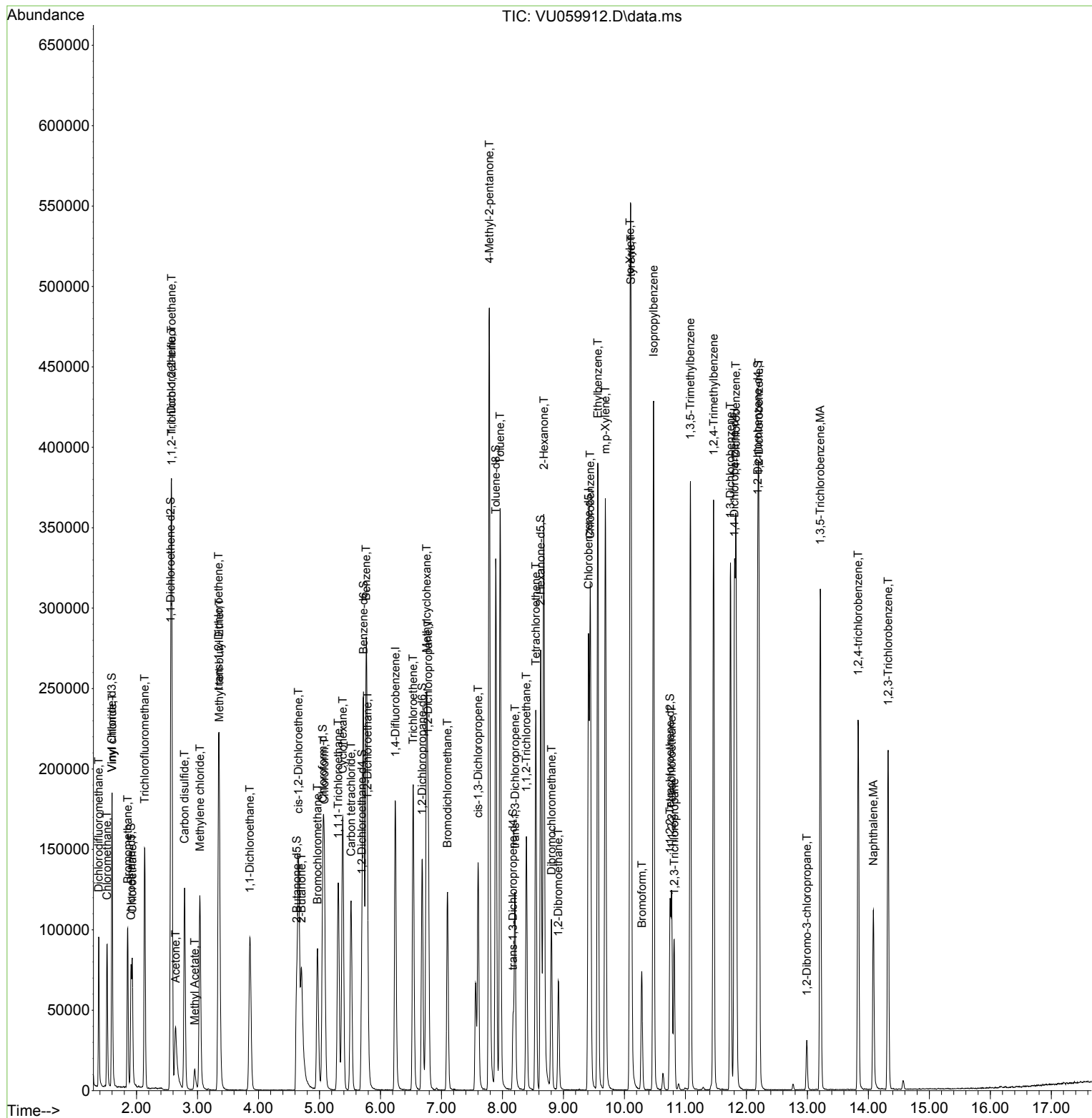
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	69174	5.019	ug/L	96
29) 1,1,1-Trichloroethane	5.309	97	95179	5.039	ug/L	99
30) Cyclohexane	5.380	56	77887	4.671	ug/L	93
31) Carbon tetrachloride	5.518	117	83256	5.265	ug/L	99
33) Benzene	5.766	78	260106	5.237	ug/L	100
34) Trichloroethene	6.534	95	68188	5.070	ug/L	96
35) Methylcyclohexane	6.756	83	91748	4.794	ug/L	94
37) 1,2-Dichloropropane	6.782	63	69376	5.398	ug/L #	98
38) Bromodichloromethane	7.100	83	83187	5.185	ug/L #	98
39) cis-1,3-Dichloropropene	7.602	75	87946	5.003	ug/L	96
40) 4-Methyl-2-pentanone	7.785	43	296901	49.852	ug/L #	94
42) Toluene	7.962	91	283567	5.393	ug/L	99
44) trans-1,3-Dichloropropene	8.206	75	73268	5.193	ug/L	99
45) 1,1,2-Trichloroethane	8.393	97	51663	5.455	ug/L	99
47) Tetrachloroethene	8.547	164	55425	5.310	ug/L	97
48) 2-Hexanone	8.679	43	212126	49.906	ug/L #	91
49) Dibromochloromethane	8.804	129	56213	5.358	ug/L	96
50) 1,2-Dibromoethane	8.917	107	46529	5.320	ug/L	98
51) Chlorobenzene	9.441	112	176766	5.300	ug/L	95
52) Ethylbenzene	9.563	91	276587	5.128	ug/L	96
53) m,p-Xylene	9.688	106	108967	5.260	ug/L	96
54) o-Xylene	10.093	106	107193	5.452	ug/L	94
55) Styrene	10.110	104	184798	5.521	ug/L	94
57) 1,1,2,2-Tetrachloroethane	10.775	83	60254	5.244	ug/L	99
59) Bromoform	10.286	173	34995	5.351	ug/L	99
60) Isopropylbenzene	10.479	105	277196	5.251	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	40452	5.122	ug/L	97
62) 1,3,5-Trimethylbenzene	11.081	105	207724	4.967	ug/L	98
63) 1,2,4-Trimethylbenzene	11.463	105	202269	5.059	ug/L	98
64) 1,3-Dichlorobenzene	11.740	146	144374	5.377	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	142755	5.165	ug/L	100
67) 1,2-Dichlorobenzene	12.206	146	134928	5.340	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.990	75	7945	5.158	ug/L #	82
69) 1,3,5-Trichlorobenzene	13.212	180	105392	5.303	ug/L	98
70) 1,2,4-trichlorobenzene	13.833	180	77785	5.102	ug/L	96
71) Naphthalene	14.084	128	97426	4.465	ug/L	97
72) 1,2,3-Trichlorobenzene	14.325	180	71295	5.036	ug/L	98

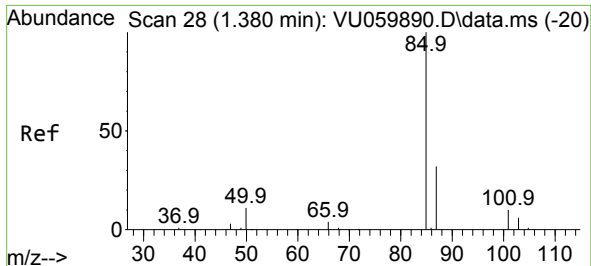
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Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071224\
 Data File : VU059912.D
 Acq On : 12 Jul 2024 10:50
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 13 03:48:07 2024
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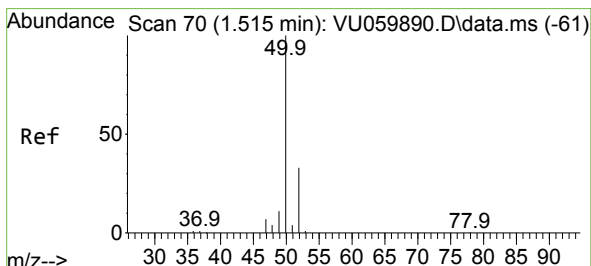
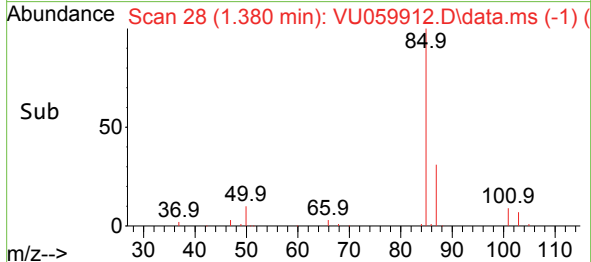
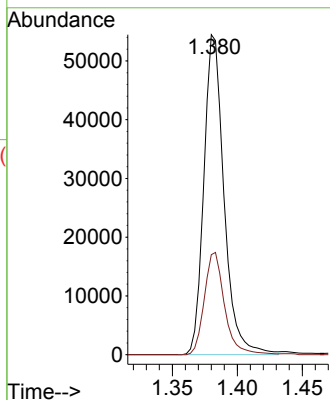
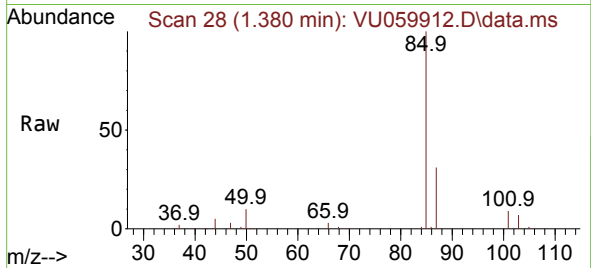




#2
Dichlorodifluoromethane
Concen: 4.393 ug/L
RT: 1.380 min Scan# 28
Delta R.T. -0.000 min
Lab File: VU059912.D
Acq: 12 Jul 2024 10:50

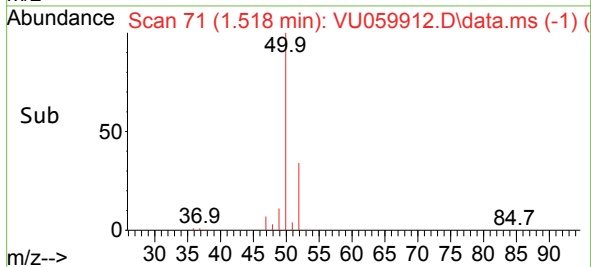
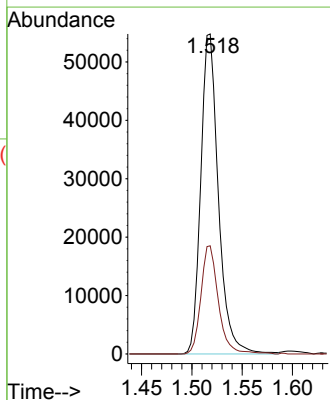
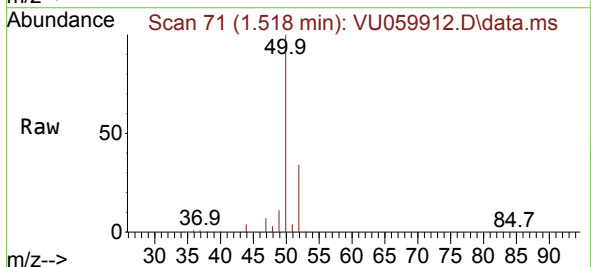
Instrument :
MSVOA_U
ClientSampleId :

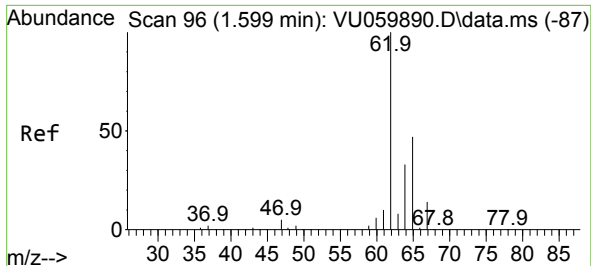
Tgt Ion: 85 Resp: 59084
Ion Ratio Lower Upper
85 100
87 32.0 26.6 40.0



#3
Chloromethane
Concen: 4.609 ug/L
RT: 1.518 min Scan# 71
Delta R.T. 0.003 min
Lab File: VU059912.D
Acq: 12 Jul 2024 10:50

Tgt Ion: 50 Resp: 66728
Ion Ratio Lower Upper
50 100
52 33.8 23.2 43.0

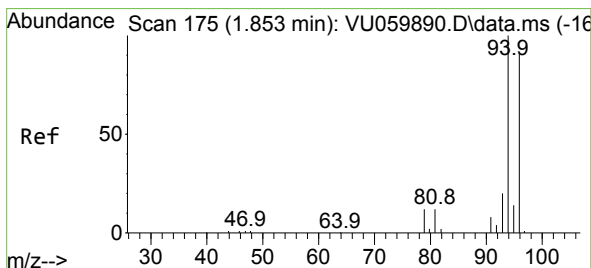
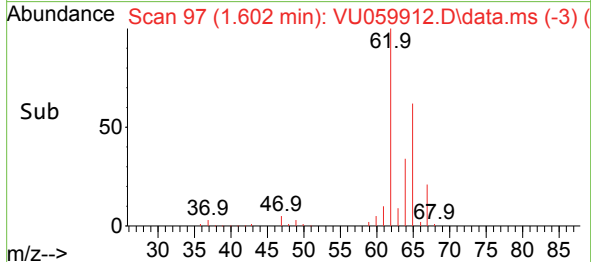
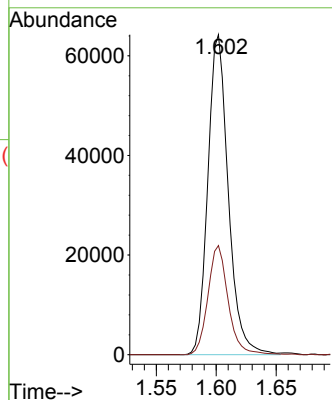
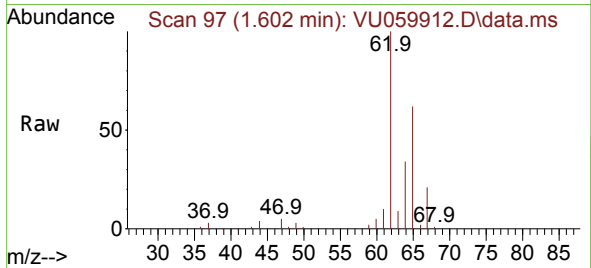




#5
 Vinyl chloride
 Concen: 4.763 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. 0.003 min
 Lab File: VU059912.D
 Acq: 12 Jul 2024 10:50

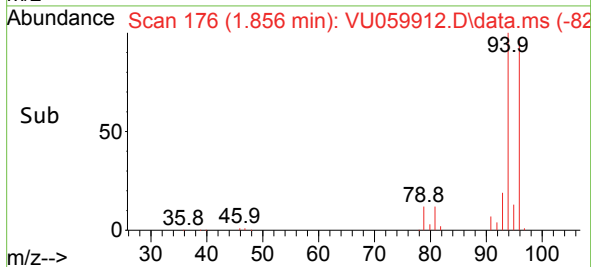
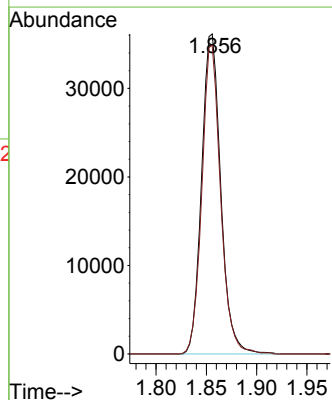
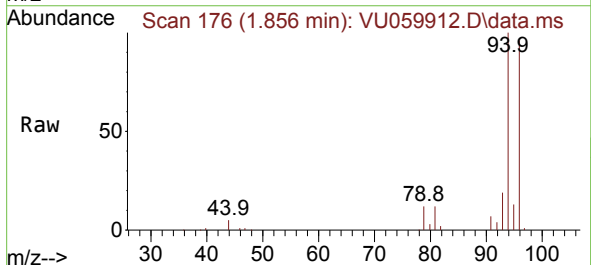
Instrument :
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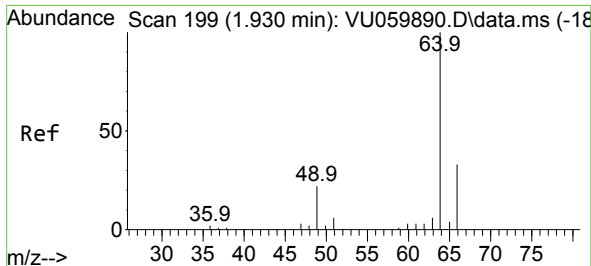
Tgt Ion: 62 Resp: 76173
 Ion Ratio Lower Upper
 62 100
 64 34.1 23.1 42.9



#6
 Bromomethane
 Concen: 4.310 ug/L
 RT: 1.856 min Scan# 176
 Delta R.T. 0.003 min
 Lab File: VU059912.D
 Acq: 12 Jul 2024 10:50

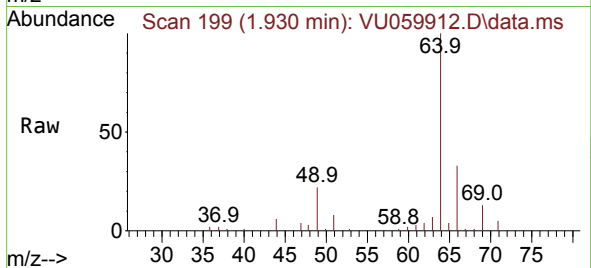
Tgt Ion: 94 Resp: 47931
 Ion Ratio Lower Upper
 94 100
 96 96.4 62.9 116.9



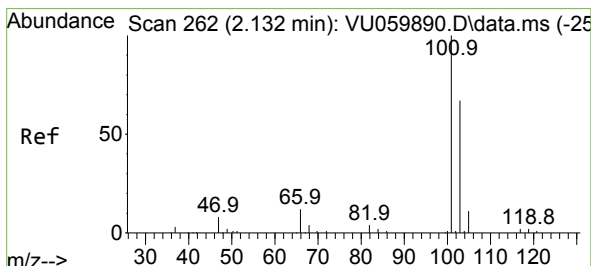
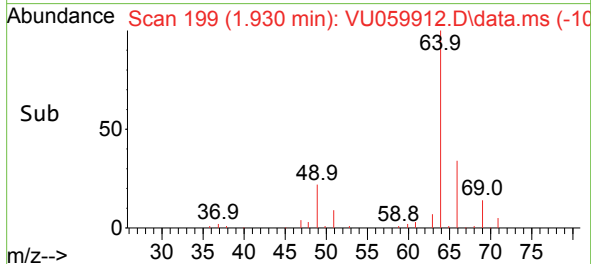
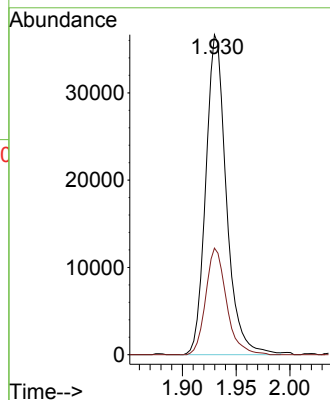


#8
Chloroethane
Concen: 5.078 ug/L
RT: 1.930 min Scan# 199
Delta R.T. -0.000 min
Lab File: VU059912.D
Acq: 12 Jul 2024 10:50

Instrument :
MSVOA_U
ClientSampleId :

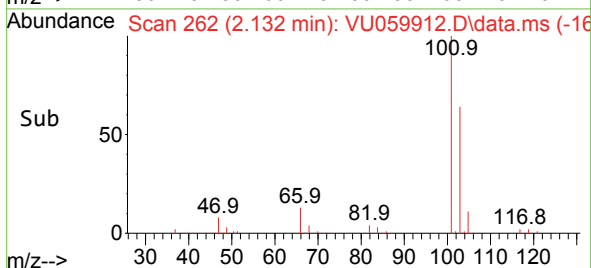
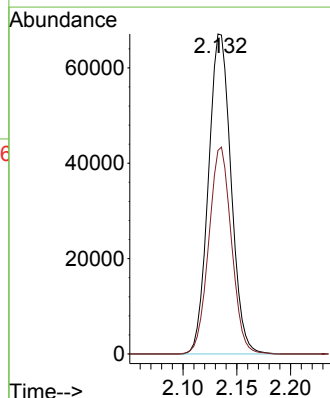
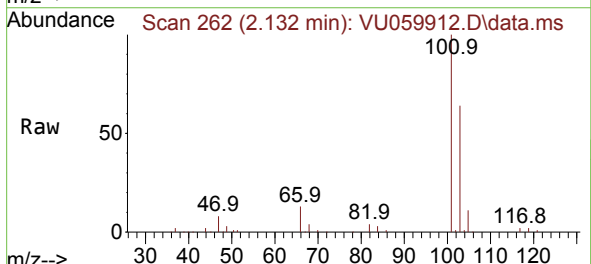


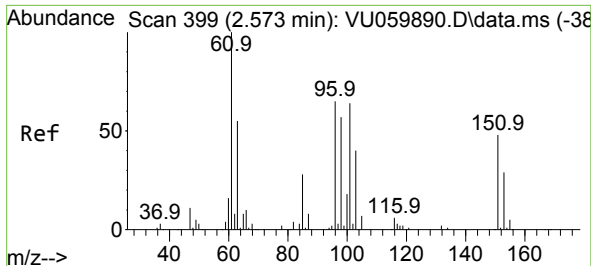
Tgt Ion: 64 Resp: 48936
Ion Ratio Lower Upper
64 100
66 33.3 23.2 43.2



#9
Trichlorofluoromethane
Concen: 5.110 ug/L
RT: 2.132 min Scan# 262
Delta R.T. -0.000 min
Lab File: VU059912.D
Acq: 12 Jul 2024 10:50

Tgt Ion: 101 Resp: 98367
Ion Ratio Lower Upper
101 100
103 64.7 52.6 79.0

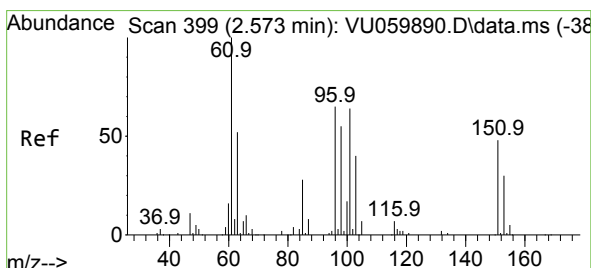
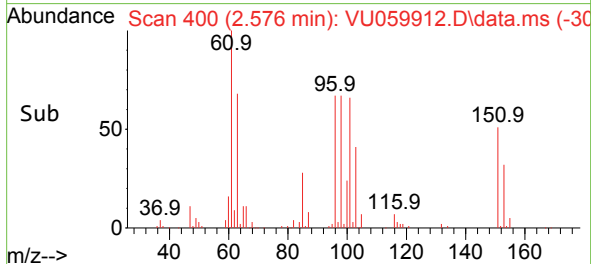
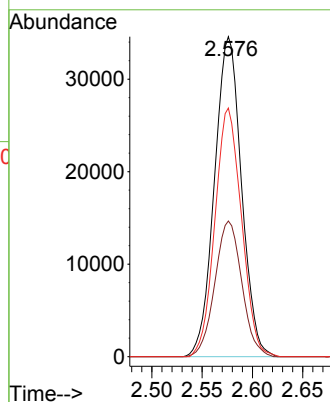
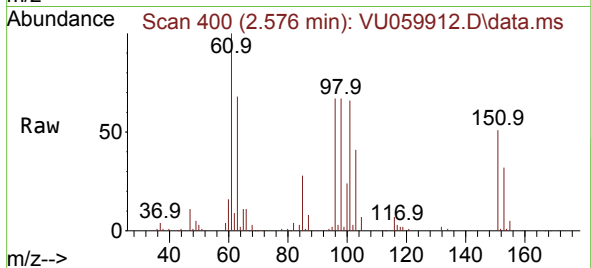




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.298 ug/L
RT: 2.576 min Scan# 400
Delta R.T. 0.003 min
Lab File: VU059912.D
Acq: 12 Jul 2024 10:50

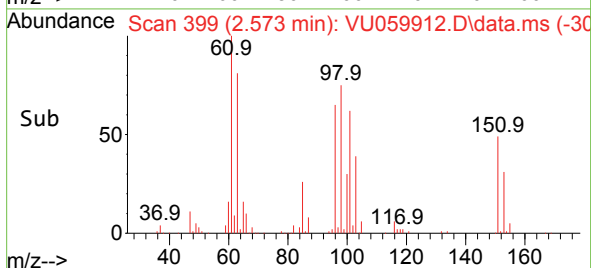
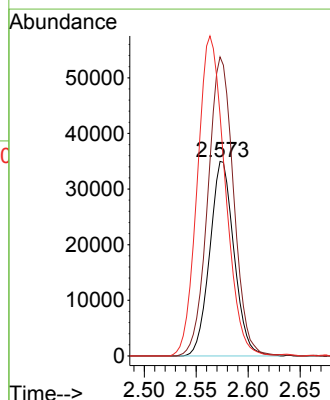
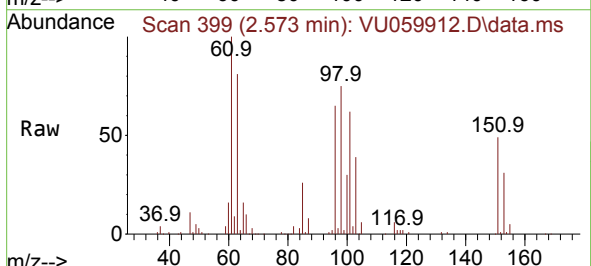
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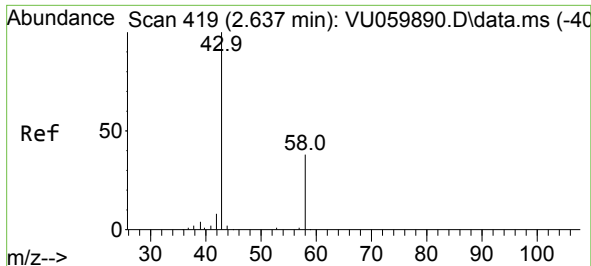
Tgt Ion:101 Resp: 64569
Ion Ratio Lower Upper
101 100
85 42.3 36.2 54.4
151 76.6 55.5 83.3



#12
1,1-Dichloroethene
Concen: 5.038 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.000 min
Lab File: VU059912.D
Acq: 12 Jul 2024 10:50

Tgt Ion: 96 Resp: 56726
Ion Ratio Lower Upper
96 100
61 153.7 122.9 228.3
63 124.0 80.4 149.4





#13

Acetone

Concen: 49.679 ug/L

RT: 2.640 min Scan# 419

Delta R.T. 0.003 min

Lab File: VU059912.D

Acq: 12 Jul 2024 10:50

Instrument :

MSVOA_U

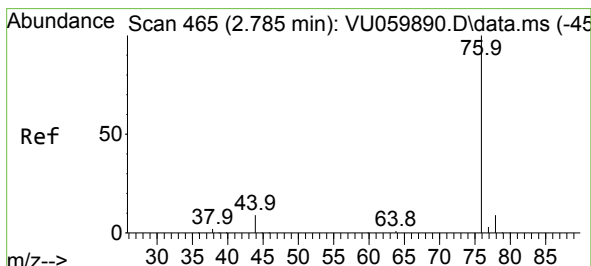
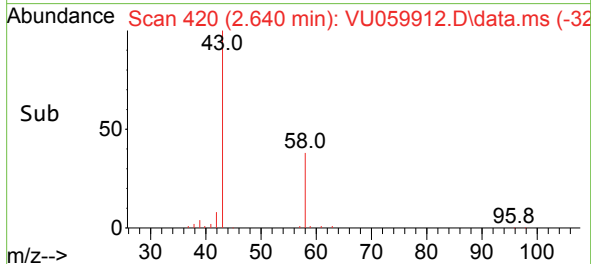
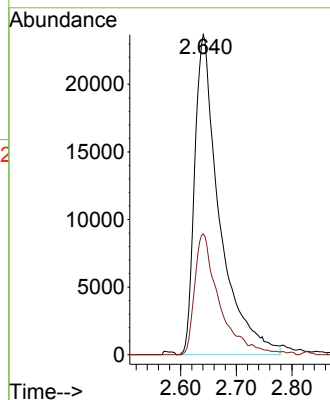
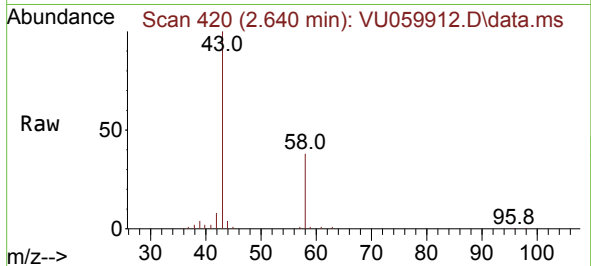
ClientSampleId :

Tgt Ion: 43 Resp: 73273

Ion Ratio Lower Upper

43 100

58 35.7 0.0 68.0



#14

Carbon disulfide

Concen: 4.558 ug/L

RT: 2.788 min Scan# 466

Delta R.T. 0.003 min

Lab File: VU059912.D

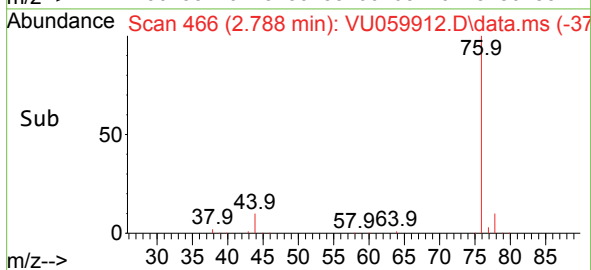
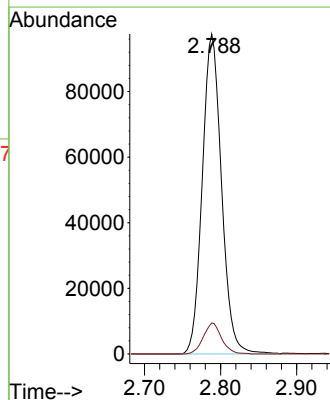
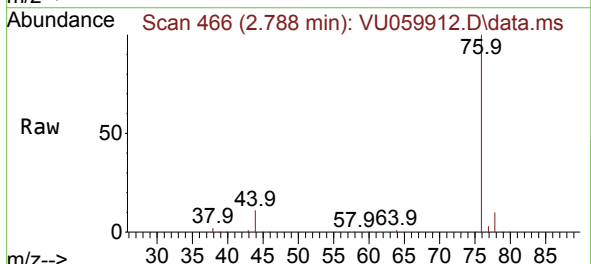
Acq: 12 Jul 2024 10:50

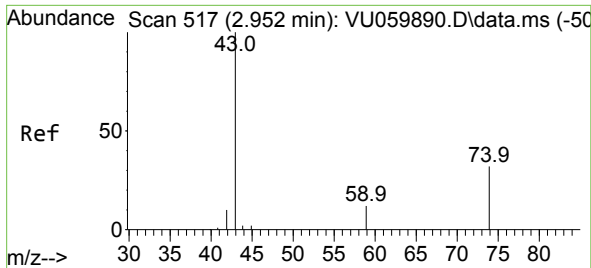
Tgt Ion: 76 Resp: 171220

Ion Ratio Lower Upper

76 100

78 9.7 7.3 10.9

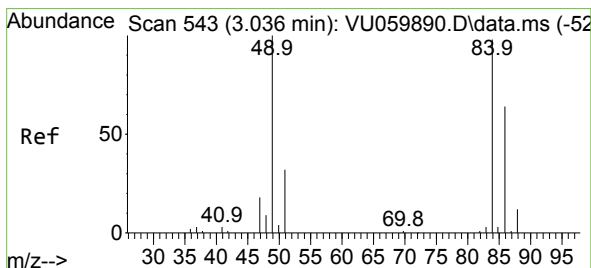
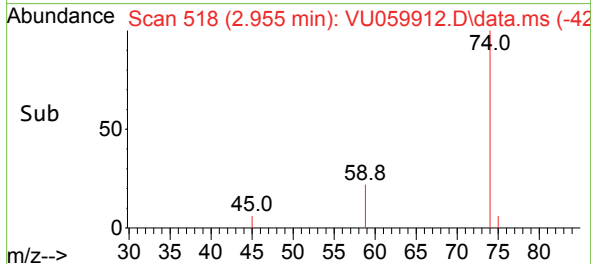
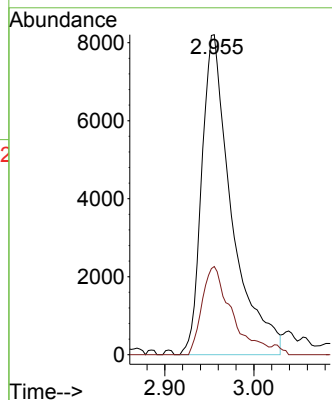
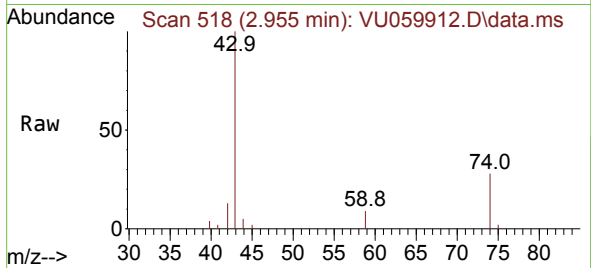




#15
Methyl Acetate
Concen: 4.922 ug/L
RT: 2.955 min Scan# 517
Delta R.T. 0.003 min
Lab File: VU059912.D
Acq: 12 Jul 2024 10:50

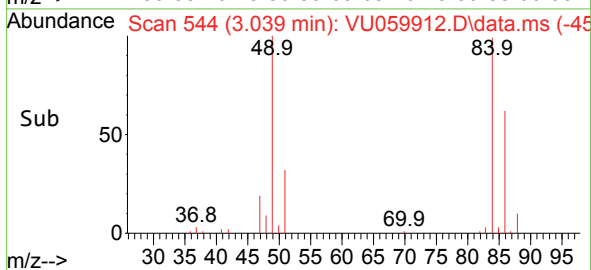
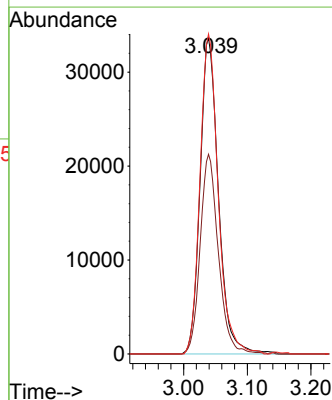
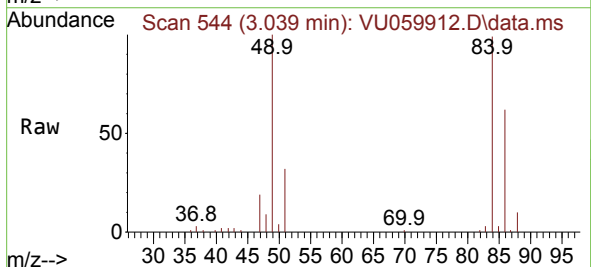
Instrument :
MSVOA_U
ClientSampleId :

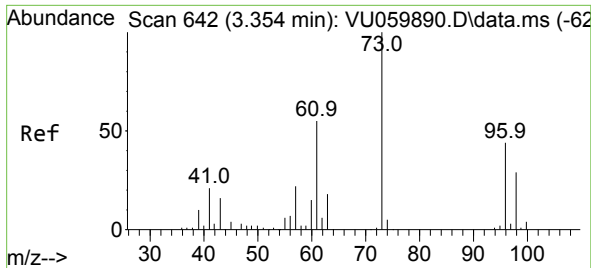
Tgt Ion: 43 Resp: 19158
Ion Ratio Lower Upper
43 100
74 27.3 19.2 28.8



#16
Methylene chloride
Concen: 5.053 ug/L
RT: 3.039 min Scan# 544
Delta R.T. 0.003 min
Lab File: VU059912.D
Acq: 12 Jul 2024 10:50

Tgt Ion: 84 Resp: 67409
Ion Ratio Lower Upper
84 100
86 63.2 42.1 78.1
49 101.3 80.6 149.8

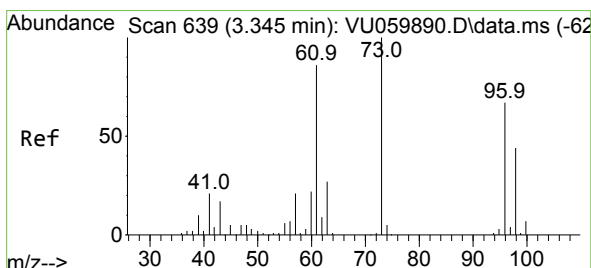
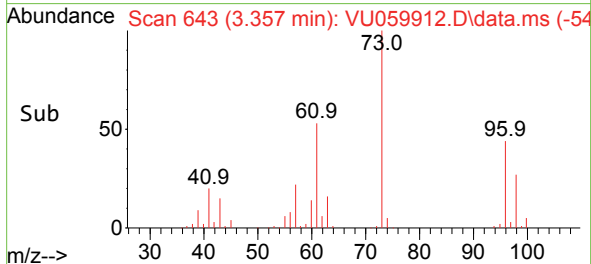
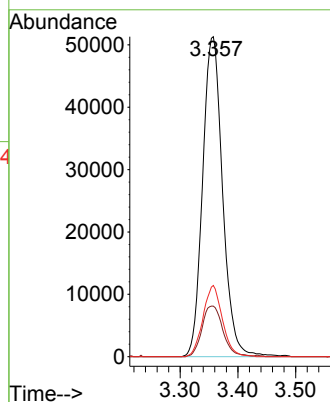
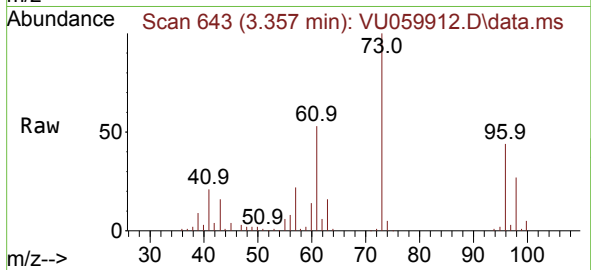




#17
Methyl tert-butyl Ether
Concen: 5.081 ug/L
RT: 3.357 min Scan# 64
Delta R.T. 0.003 min
Lab File: VU059912.D
Acq: 12 Jul 2024 10:50

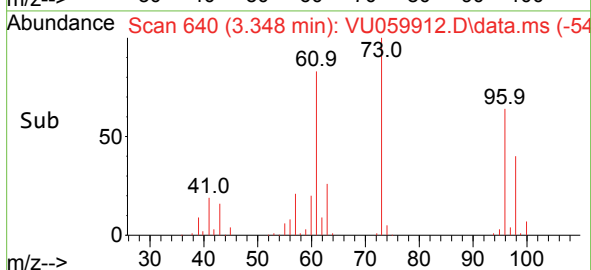
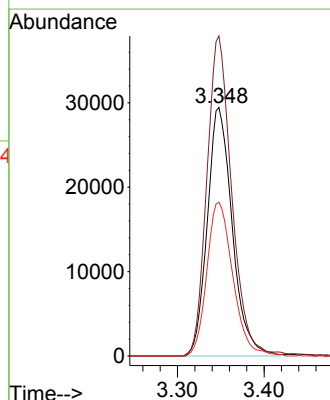
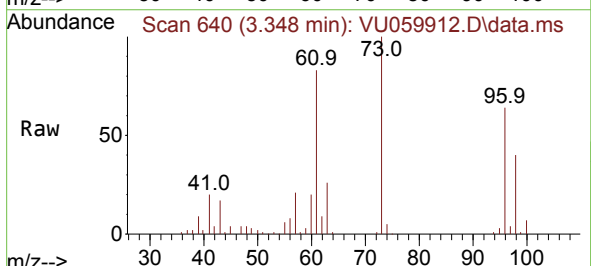
Instrument :
MSVOA_U
ClientSampleId :

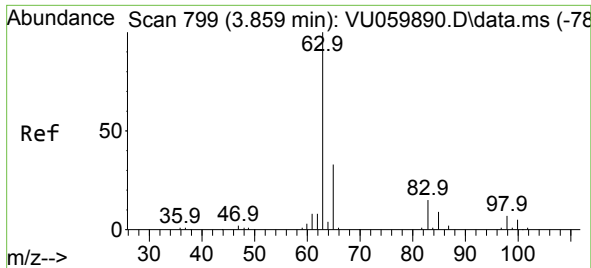
Tgt Ion: 73 Resp: 123279
Ion Ratio Lower Upper
73 100
43 16.6 14.9 22.3
57 21.6 18.0 27.0



#18
trans-1,2-Dichloroethene
Concen: 5.051 ug/L
RT: 3.348 min Scan# 640
Delta R.T. 0.003 min
Lab File: VU059912.D
Acq: 12 Jul 2024 10:50

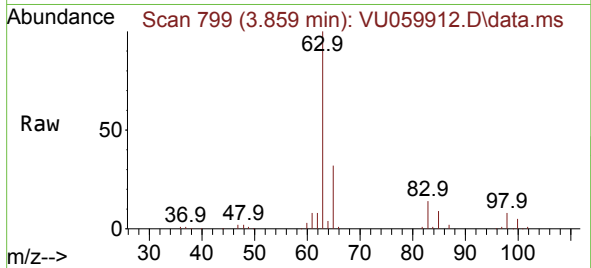
Tgt Ion: 96 Resp: 59147
Ion Ratio Lower Upper
96 100
61 128.8 101.8 189.0
98 61.9 43.3 80.5



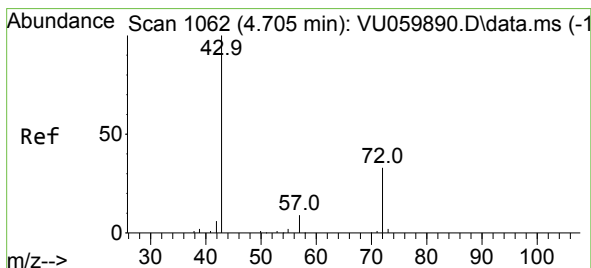
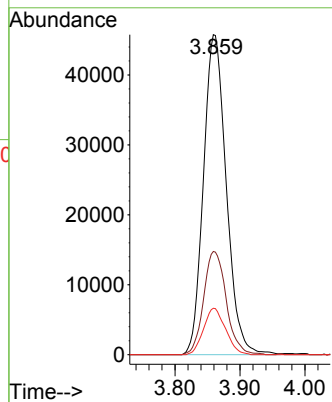
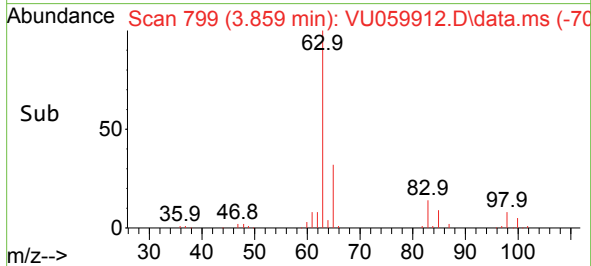


#19
1,1-Dichloroethane
Concen: 5.184 ug/L
RT: 3.859 min Scan# 799
Delta R.T. -0.000 min
Lab File: VU059912.D
Acq: 12 Jul 2024 10:50

Instrument :
MSVOA_U
ClientSampleId :

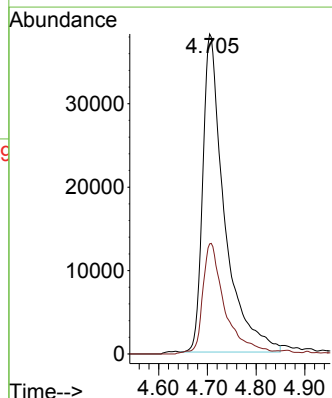
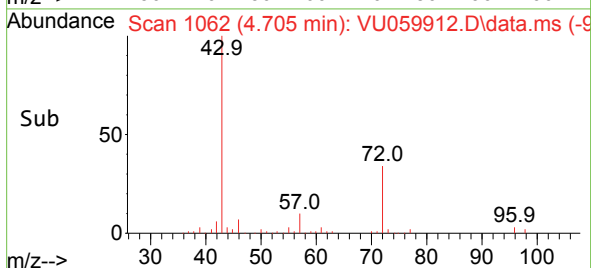
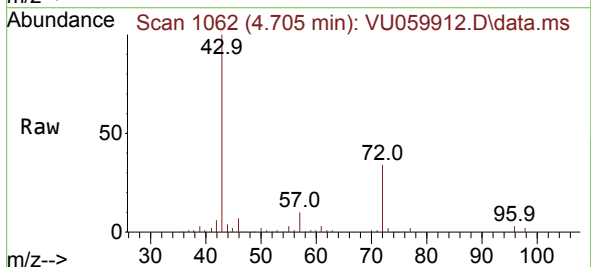


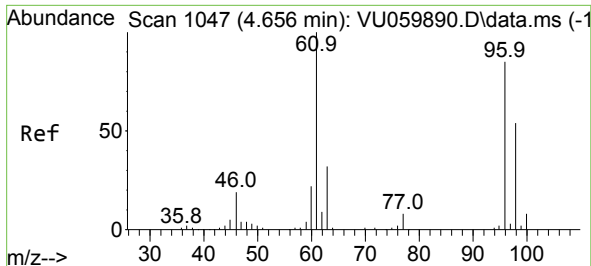
Tgt Ion: 63 Resp: 111936
Ion Ratio Lower Upper
63 100
65 32.2 21.8 40.6
83 14.5 9.9 18.5



#21
2-Butanone
Concen: 49.791 ug/L
RT: 4.705 min Scan# 1062
Delta R.T. -0.000 min
Lab File: VU059912.D
Acq: 12 Jul 2024 10:50

Tgt Ion: 43 Resp: 117790
Ion Ratio Lower Upper
43 100
72 35.6 13.8 41.4





#22

cis-1,2-Dichloroethene

Concen: 5.080 ug/L

RT: 4.656 min Scan# 1047

Delta R.T. -0.000 min

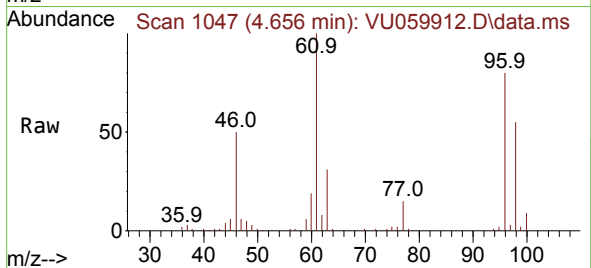
Lab File: VU059912.D

Acq: 12 Jul 2024 10:50

Instrument :

MSVOA_U

ClientSampleId :



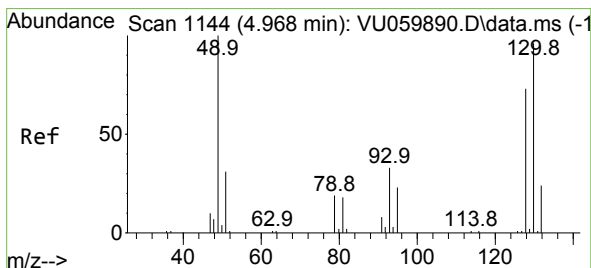
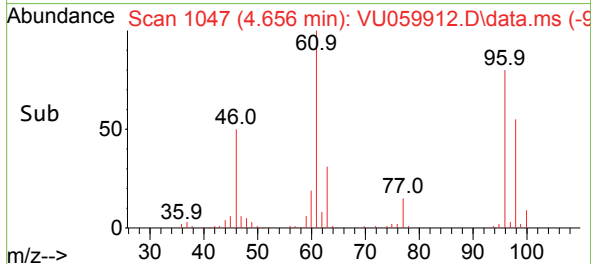
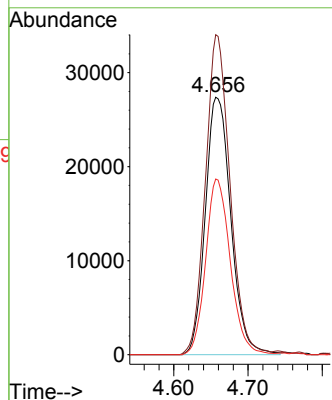
Tgt Ion: 96 Resp: 65568

Ion Ratio Lower Upper

96 100

61 124.3 87.4 162.2

98 68.3 42.3 78.5



#23

Bromochloromethane

Concen: 5.406 ug/L

RT: 4.968 min Scan# 1144

Delta R.T. -0.000 min

Lab File: VU059912.D

Acq: 12 Jul 2024 10:50

Tgt Ion: 128 Resp: 31807

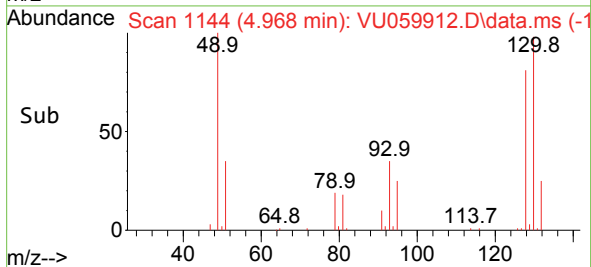
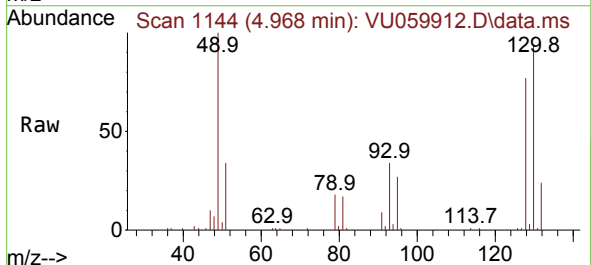
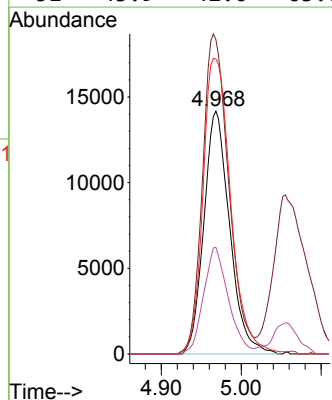
Ion Ratio Lower Upper

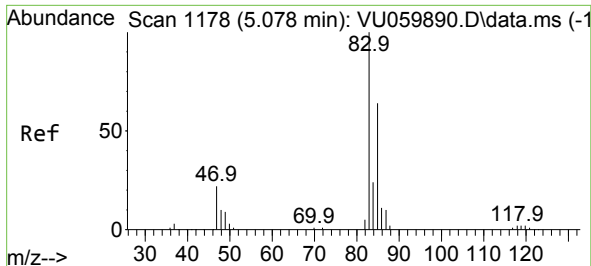
128 100

49 129.4 117.0 217.4

130 121.4 89.6 166.4

51 43.9 42.0 63.0

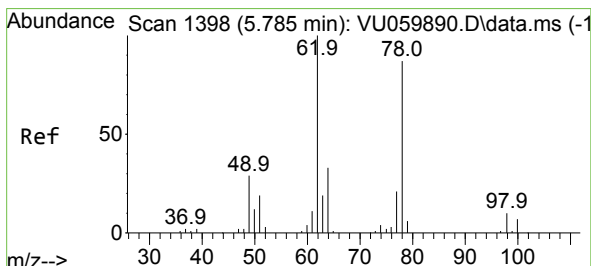
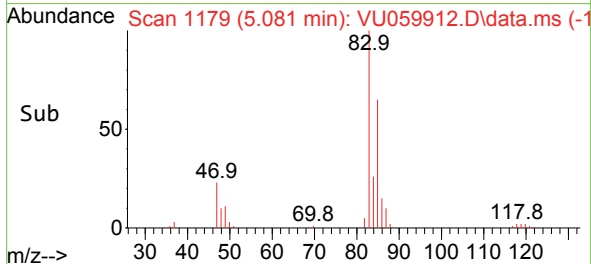
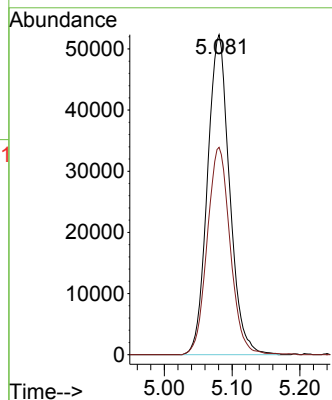
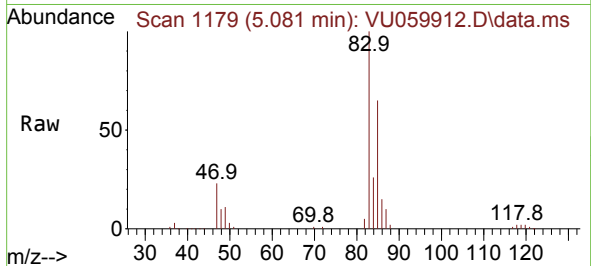




#25
Chloroform
Concen: 5.216 ug/L
RT: 5.081 min Scan# 1178
Delta R.T. 0.003 min
Lab File: VU059912.D
Acq: 12 Jul 2024 10:50

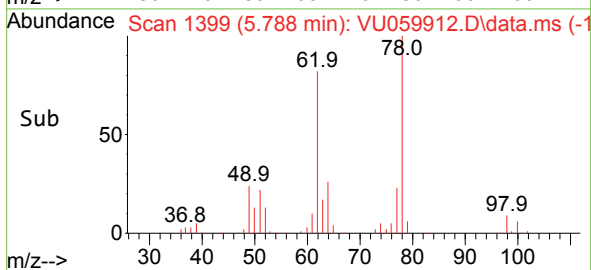
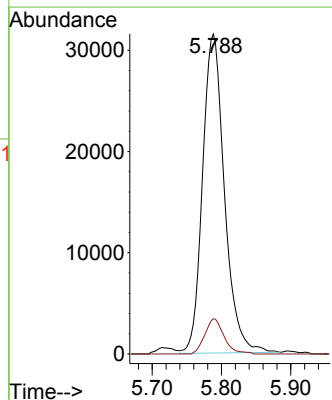
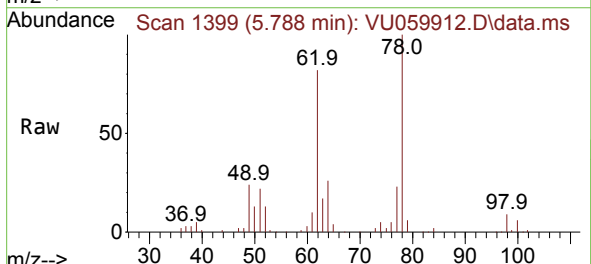
Instrument :
MSVOA_U
ClientSampleId :

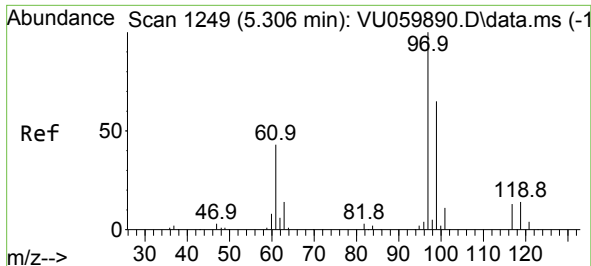
Tgt Ion: 83 Resp: 118628
Ion Ratio Lower Upper
83 100
85 64.8 44.7 83.1



#27
1,2-Dichloroethane
Concen: 5.019 ug/L
RT: 5.788 min Scan# 1399
Delta R.T. 0.003 min
Lab File: VU059912.D
Acq: 12 Jul 2024 10:50

Tgt Ion: 62 Resp: 69174
Ion Ratio Lower Upper
62 100
98 11.0 7.5 11.3





#29

1,1,1-Trichloroethane

Concen: 5.039 ug/L

RT: 5.309 min Scan# 1250

Delta R.T. 0.003 min

Lab File: VU059912.D

Acq: 12 Jul 2024 10:50

Instrument :

MSVOA_U

ClientSampleId :

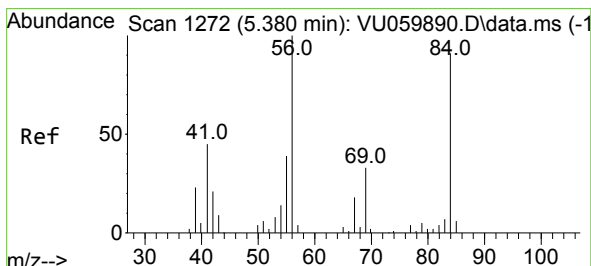
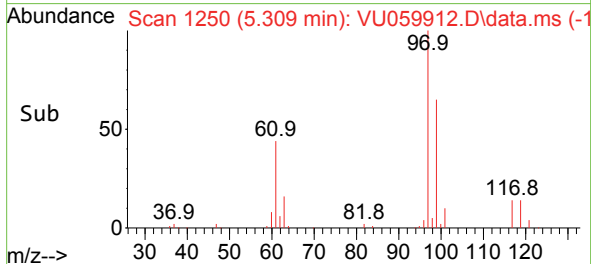
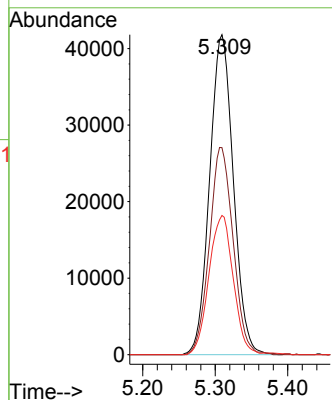
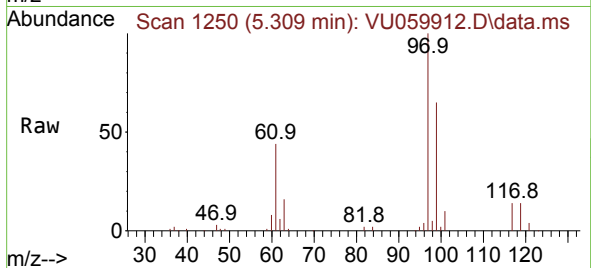
Tgt Ion: 97 Resp: 95179

Ion Ratio Lower Upper

97 100

99 64.8 51.8 77.6

61 44.5 37.4 56.2



#30

Cyclohexane

Concen: 4.671 ug/L

RT: 5.380 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VU059912.D

Acq: 12 Jul 2024 10:50

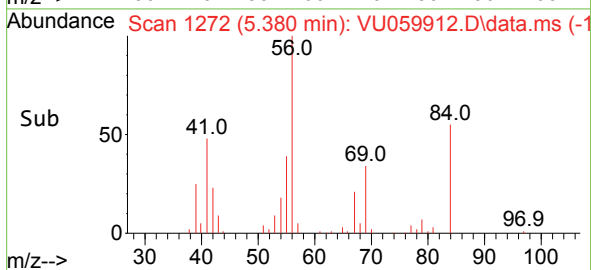
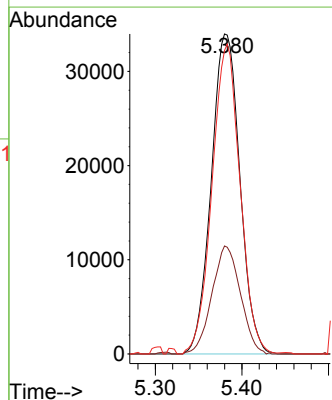
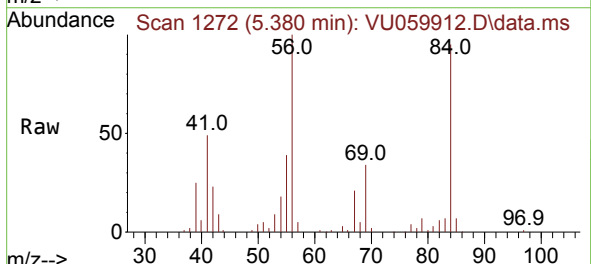
Tgt Ion: 56 Resp: 77887

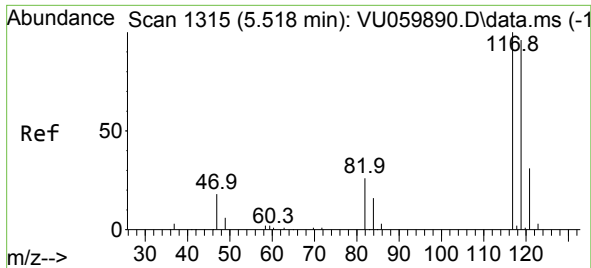
Ion Ratio Lower Upper

56 100

69 33.7 24.8 37.2

84 94.8 69.8 104.8

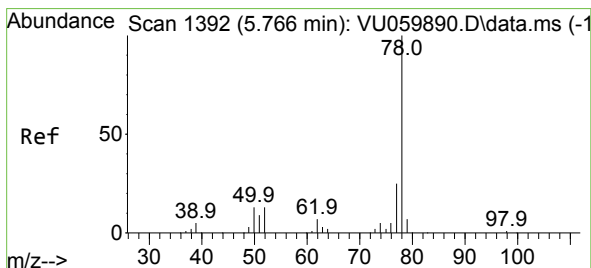
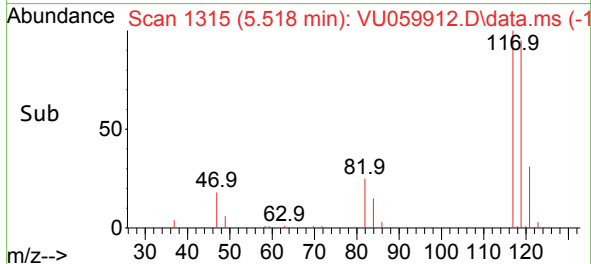
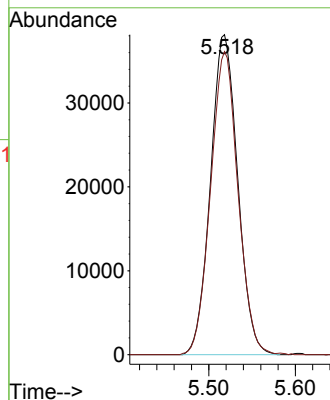
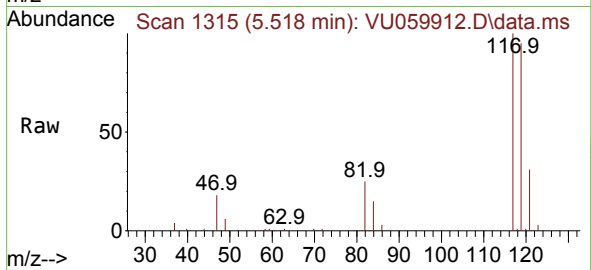




#31
Carbon tetrachloride
Concen: 5.265 ug/L
RT: 5.518 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VU059912.D
Acq: 12 Jul 2024 10:50

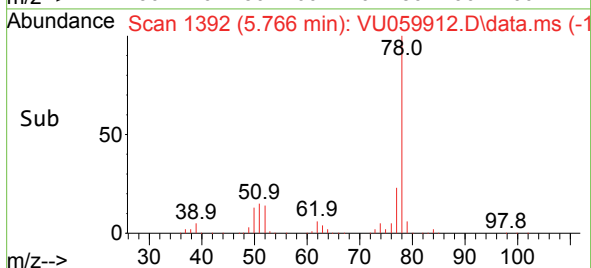
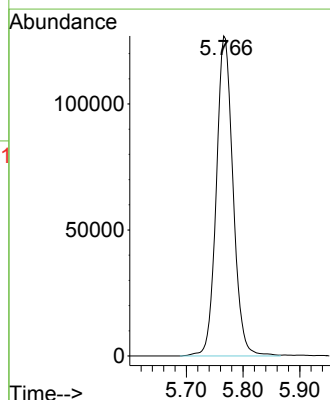
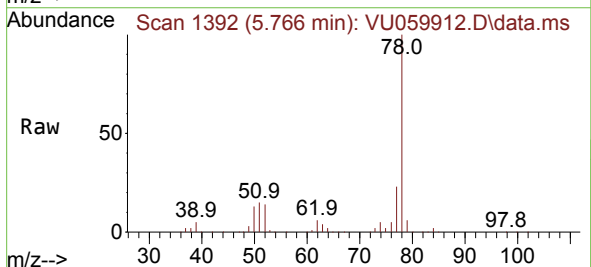
Instrument :
MSVOA_U
ClientSampleId :

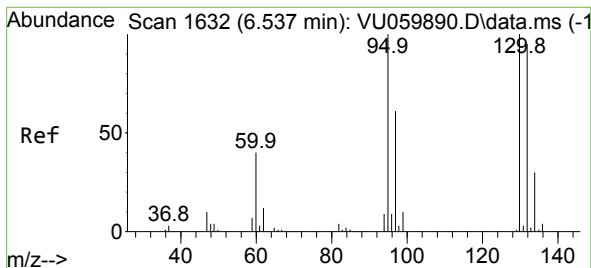
Tgt Ion:117 Resp: 83256
Ion Ratio Lower Upper
117 100
119 95.4 77.5 116.3



#33
Benzene
Concen: 5.237 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VU059912.D
Acq: 12 Jul 2024 10:50

Tgt Ion: 78 Resp: 260106





#34

Trichloroethene

Concen: 5.070 ug/L

RT: 6.534 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU059912.D

Acq: 12 Jul 2024 10:50

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 68188

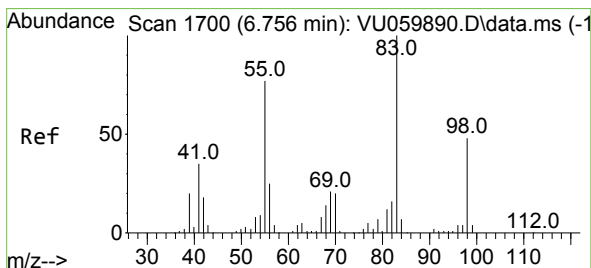
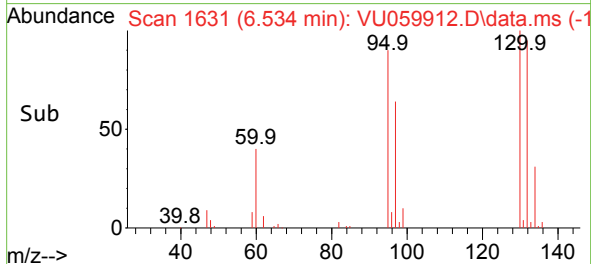
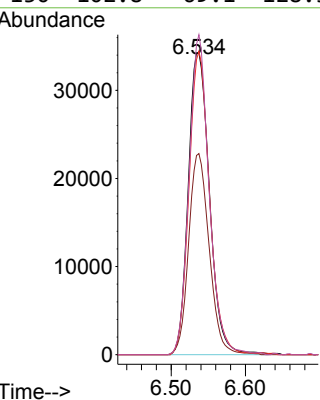
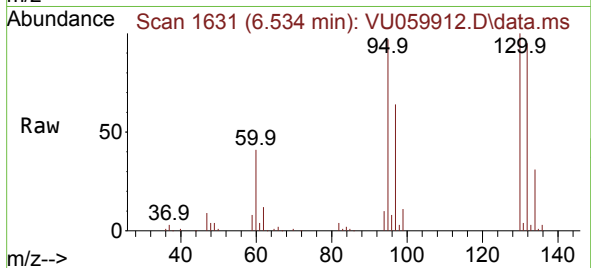
Ion Ratio Lower Upper

95 100

97 66.0 45.3 84.1

132 97.7 64.0 119.0

130 102.8 69.1 128.3



#35

Methylcyclohexane

Concen: 4.794 ug/L

RT: 6.756 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VU059912.D

Acq: 12 Jul 2024 10:50

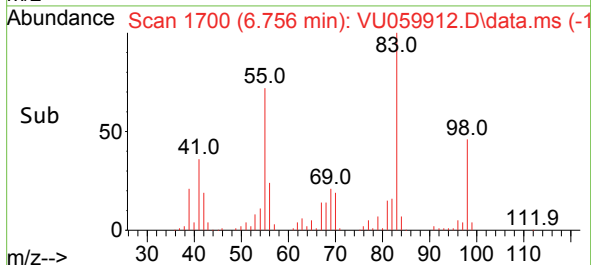
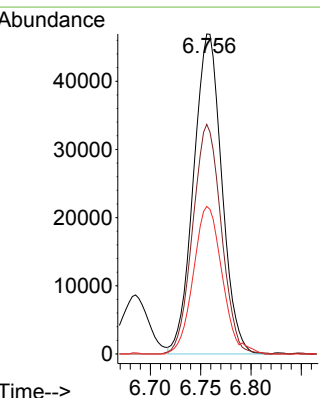
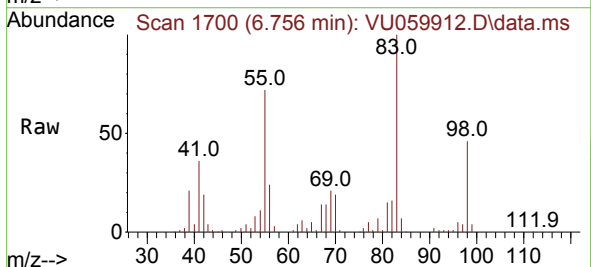
Tgt Ion: 83 Resp: 91748

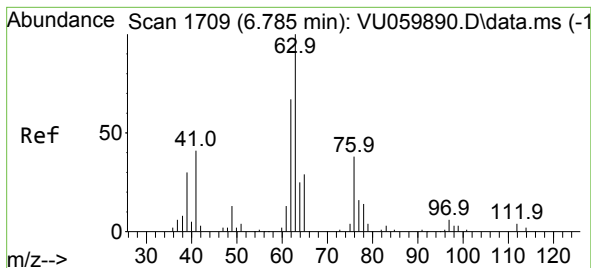
Ion Ratio Lower Upper

83 100

55 72.4 62.7 94.1

98 47.0 35.4 53.0





#37

1,2-Dichloropropane

Concen: 5.398 ug/L

RT: 6.782 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU059912.D

Acq: 12 Jul 2024 10:50

Instrument :

MSVOA_U

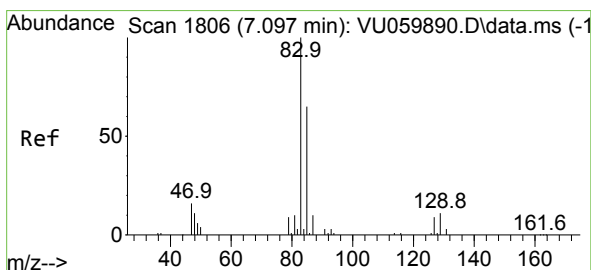
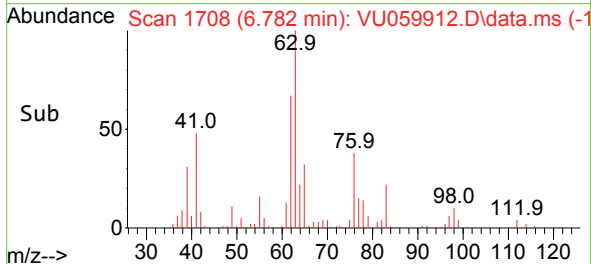
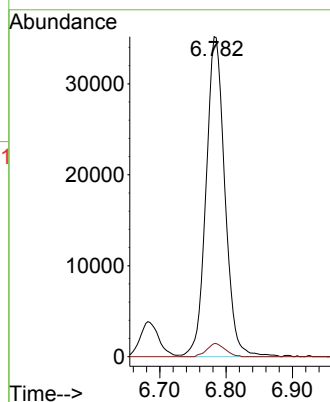
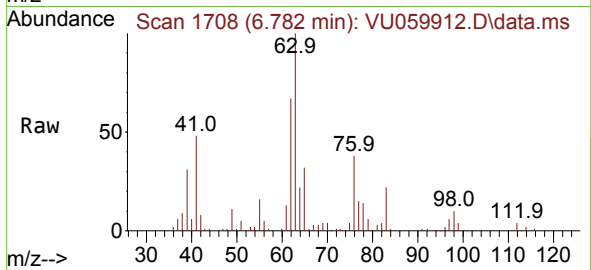
ClientSampleId :

Tgt Ion: 63 Resp: 69376

Ion Ratio Lower Upper

63 100

112 4.0 2.6 3.8#



#38

Bromodichloromethane

Concen: 5.185 ug/L

RT: 7.100 min Scan# 1807

Delta R.T. 0.003 min

Lab File: VU059912.D

Acq: 12 Jul 2024 10:50

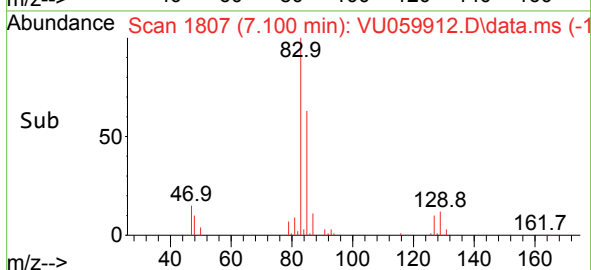
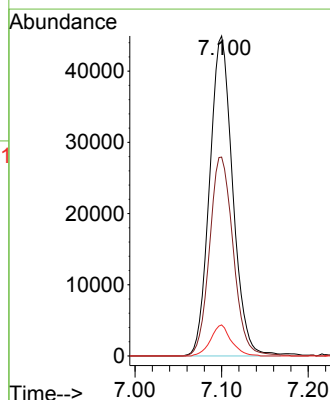
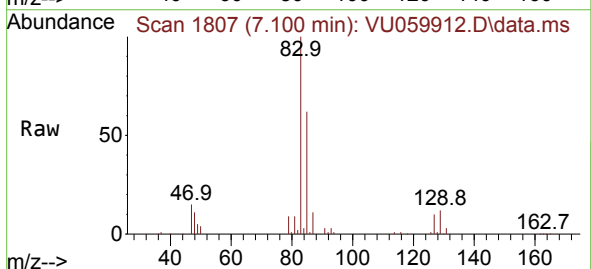
Tgt Ion: 83 Resp: 83187

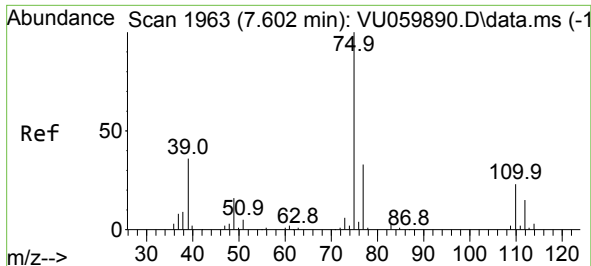
Ion Ratio Lower Upper

83 100

85 62.2 42.7 79.3

127 9.7 6.1 9.1#





#39

cis-1,3-Dichloropropene

Concen: 5.003 ug/L

RT: 7.602 min Scan# 1963

Delta R.T. -0.000 min

Lab File: VU059912.D

Acq: 12 Jul 2024 10:50

Instrument :

MSVOA_U

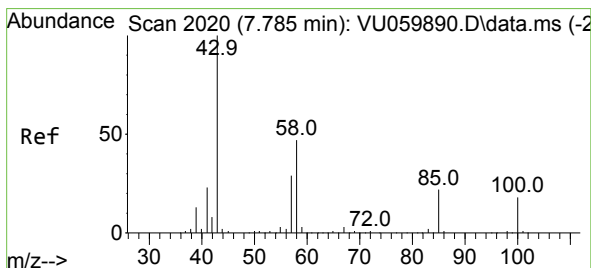
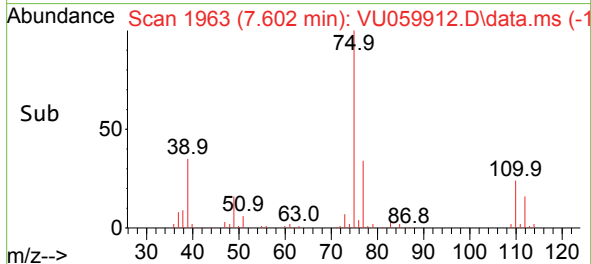
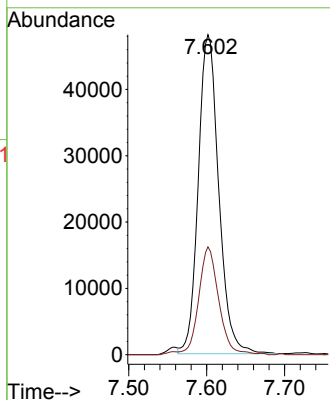
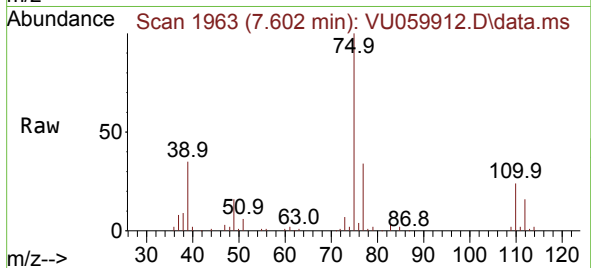
ClientSampleId :

Tgt Ion: 75 Resp: 87946

Ion Ratio Lower Upper

75 100

77 33.7 22.0 40.8



#40

4-Methyl-2-pentanone

Concen: 49.852 ug/L

RT: 7.785 min Scan# 2020

Delta R.T. -0.000 min

Lab File: VU059912.D

Acq: 12 Jul 2024 10:50

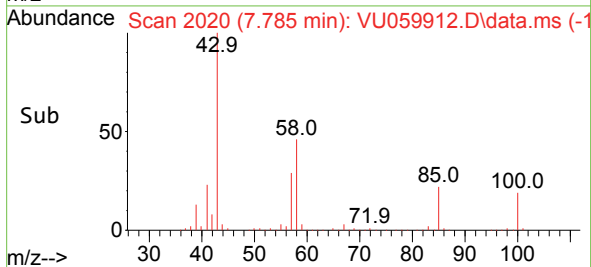
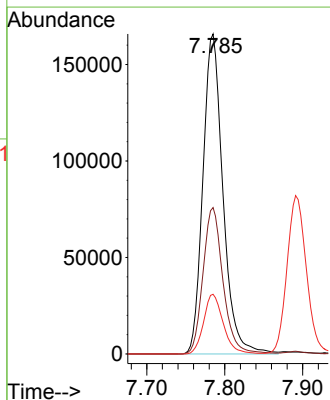
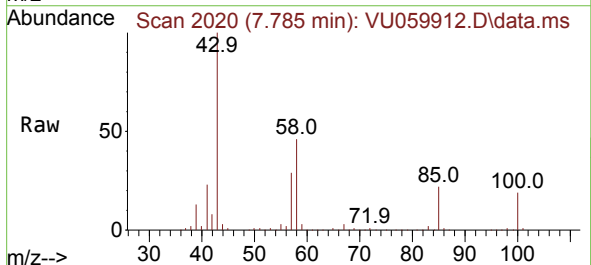
Tgt Ion: 43 Resp: 296901

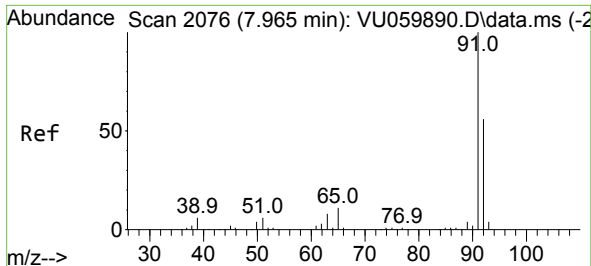
Ion Ratio Lower Upper

43 100

58 45.7 34.0 51.0

100 18.3 12.1 18.1#





#42

Toluene

Concen: 5.393 ug/L

RT: 7.962 min Scan# 2076

Delta R.T. -0.003 min

Lab File: VU059912.D

Acq: 12 Jul 2024 10:50

Instrument :

MSVOA_U

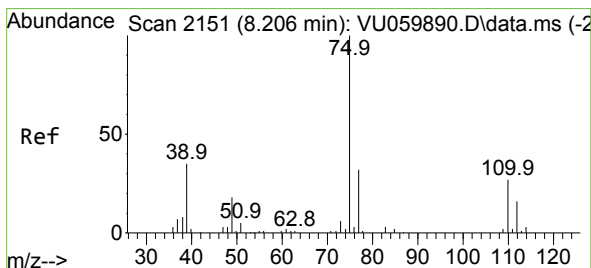
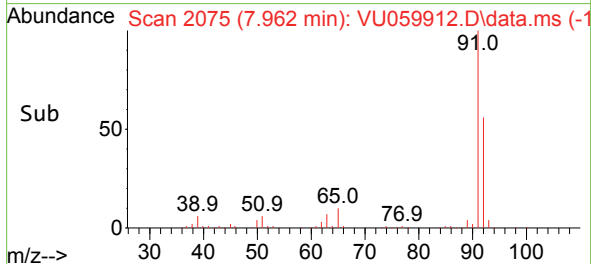
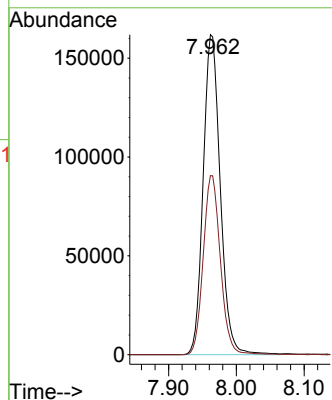
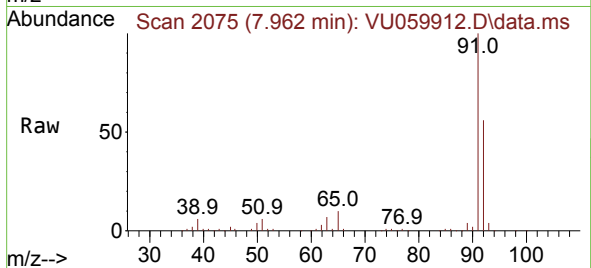
ClientSampleId :

Tgt Ion: 91 Resp: 283567

Ion Ratio Lower Upper

91 100

92 56.0 39.7 73.7



#44

trans-1,3-Dichloropropene

Concen: 5.193 ug/L

RT: 8.206 min Scan# 2151

Delta R.T. -0.000 min

Lab File: VU059912.D

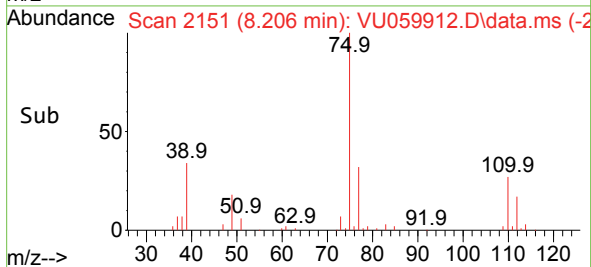
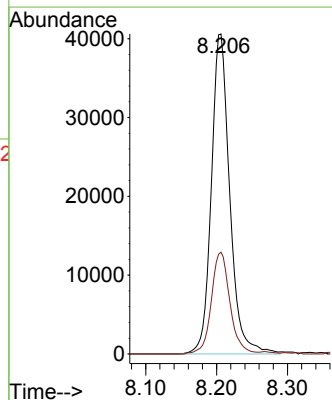
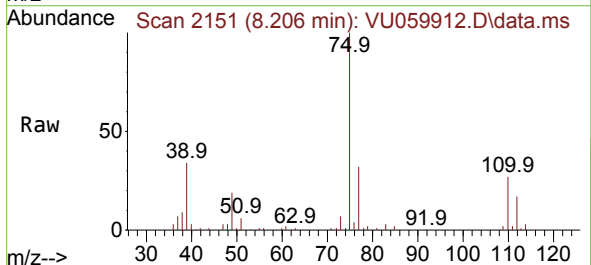
Acq: 12 Jul 2024 10:50

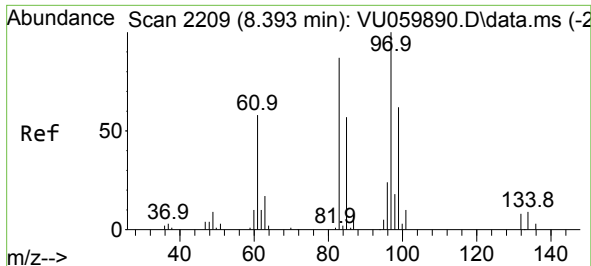
Tgt Ion: 75 Resp: 73268

Ion Ratio Lower Upper

75 100

77 31.8 22.0 41.0

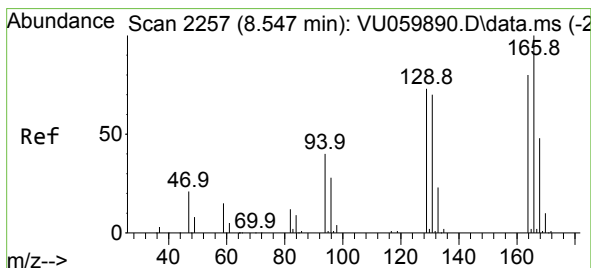
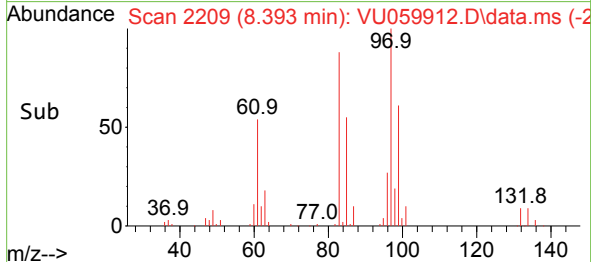
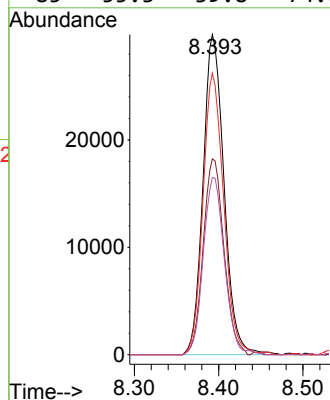
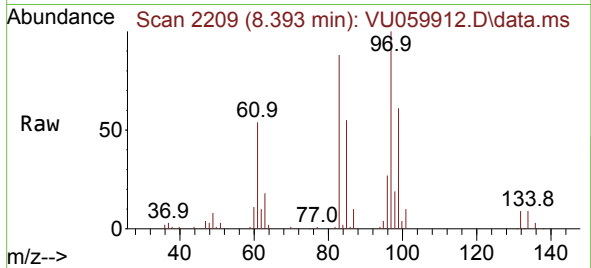




#45
1,1,2-Trichloroethane
Concen: 5.455 ug/L
RT: 8.393 min Scan# 2209
Delta R.T. -0.000 min
Lab File: VU059912.D
Acq: 12 Jul 2024 10:50

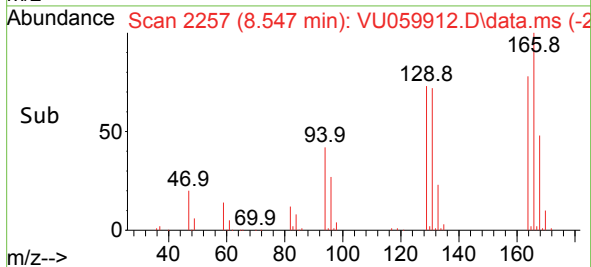
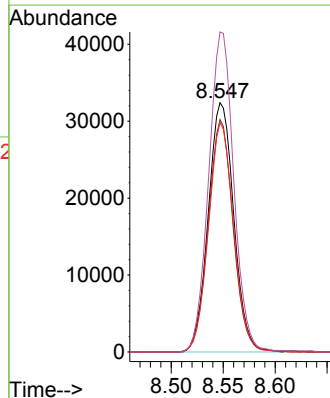
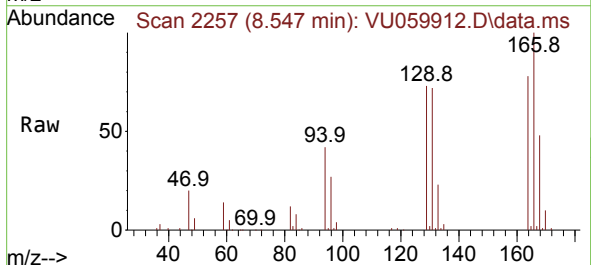
Instrument :
MSVOA_U
ClientSampleId :

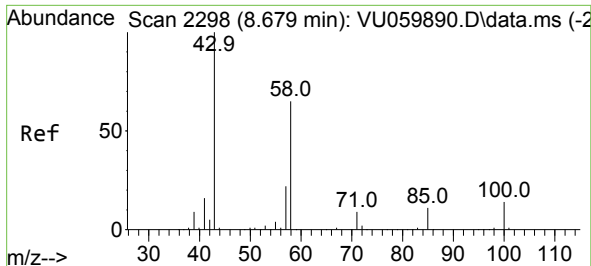
Tgt Ion:	97	Resp:	51663
Ion	Ratio	Lower	Upper
97	100		
99	61.2	43.3	80.3
83	88.0	62.3	115.7
85	55.3	39.8	74.0



#47
Tetrachloroethene
Concen: 5.310 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.000 min
Lab File: VU059912.D
Acq: 12 Jul 2024 10:50

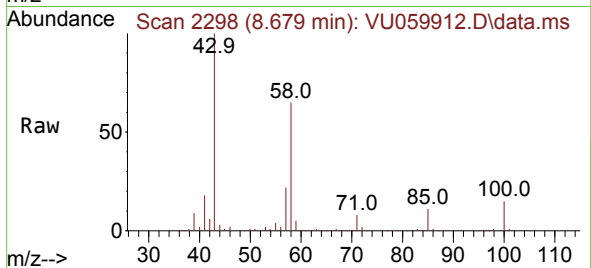
Tgt Ion:	164	Resp:	55425
Ion	Ratio	Lower	Upper
164	100		
129	93.2	70.8	131.4
131	92.0	64.8	120.3
166	128.4	91.1	169.1



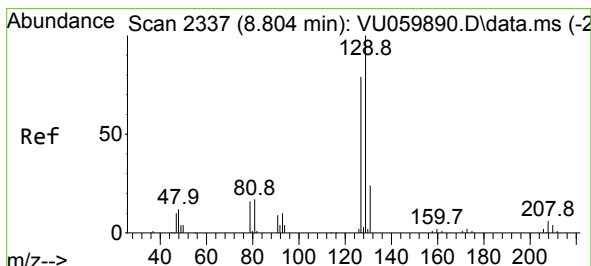
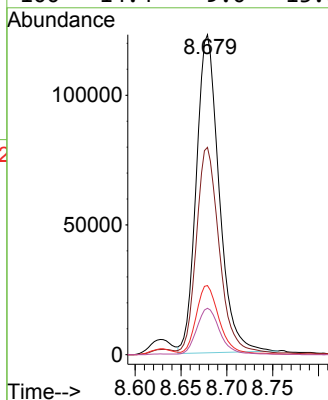
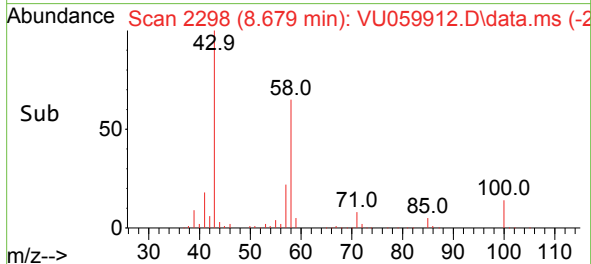


#48
2-Hexanone
Concen: 49.906 ug/L
RT: 8.679 min Scan# 212126
Delta R.T. -0.000 min
Lab File: VU059912.D
Acq: 12 Jul 2024 10:50

Instrument :
MSVOA_U
ClientSampleId :

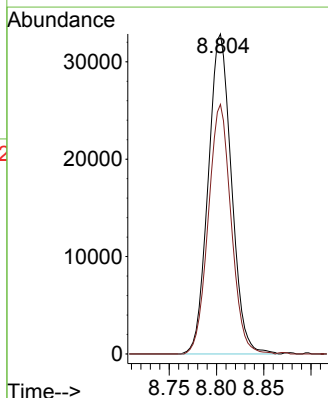
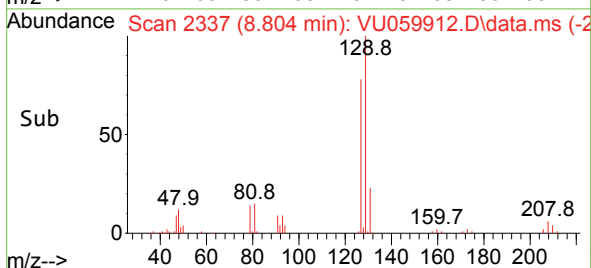
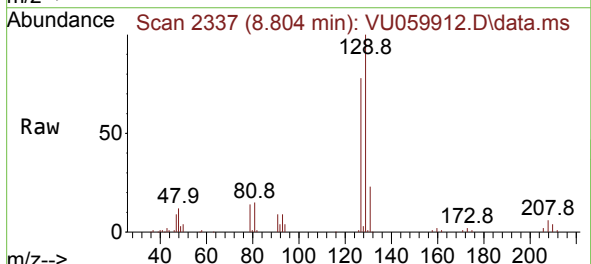


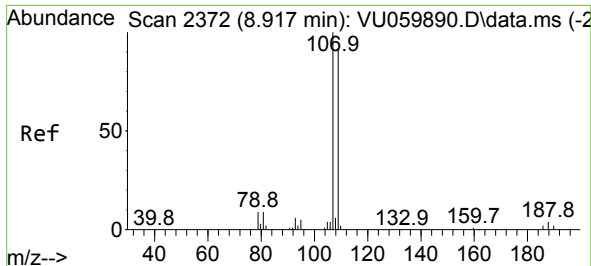
Tgt Ion: 43 Resp: 212126
Ion Ratio Lower Upper
43 100
58 65.4 46.1 69.1
57 22.2 15.5 23.3
100 14.4 9.0 13.6#



#49
Dibromochloromethane
Concen: 5.358 ug/L
RT: 8.804 min Scan# 2337
Delta R.T. -0.000 min
Lab File: VU059912.D
Acq: 12 Jul 2024 10:50

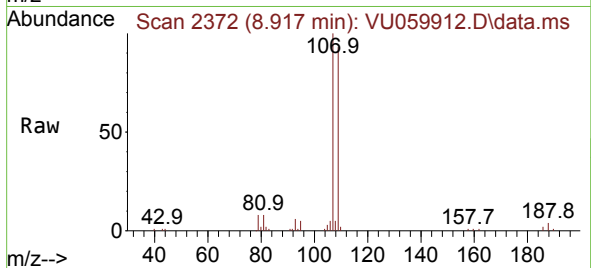
Tgt Ion: 129 Resp: 56213
Ion Ratio Lower Upper
129 100
127 78.0 52.5 97.5



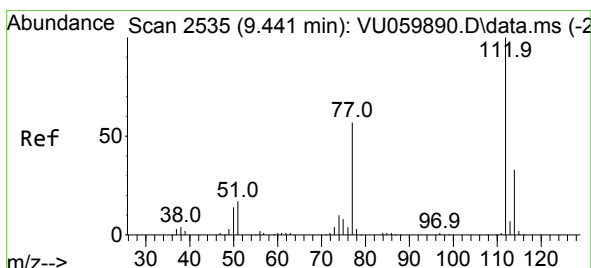
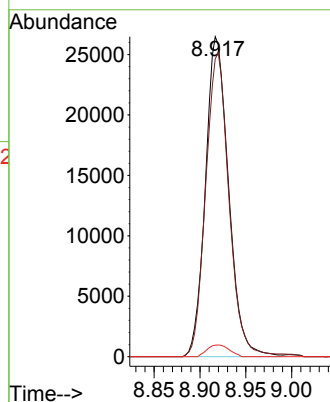
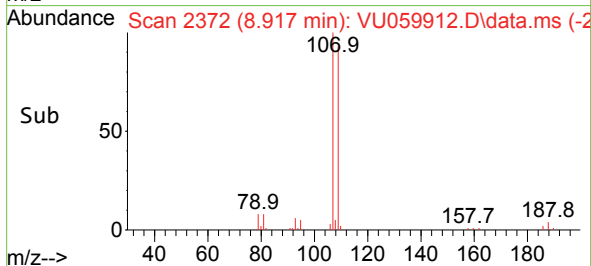


#50
1,2-Dibromoethane
Concen: 5.320 ug/L
RT: 8.917 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU059912.D
Acq: 12 Jul 2024 10:50

Instrument :
MSVOA_U
ClientSampleId :

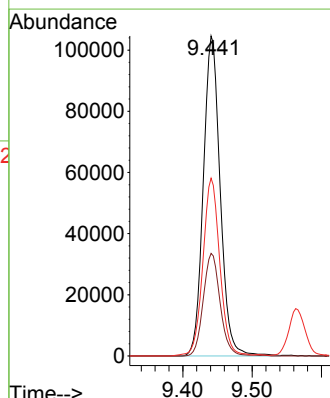
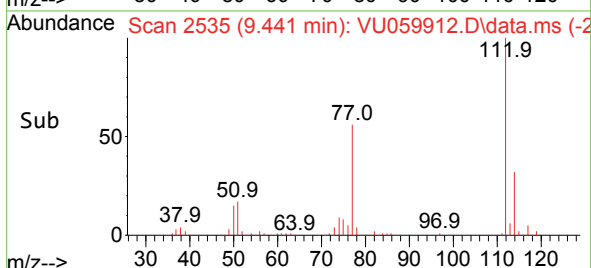
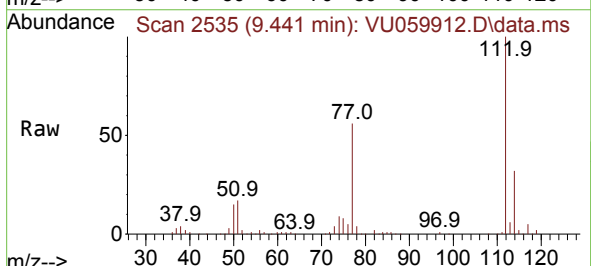


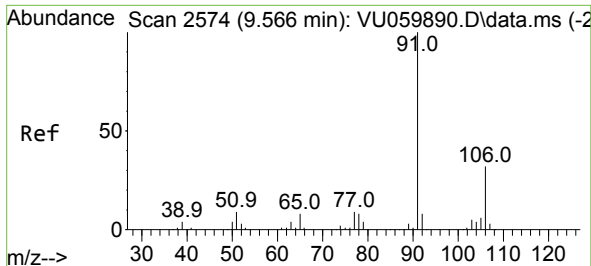
Tgt Ion:107 Resp: 46529
Ion Ratio Lower Upper
107 100
109 93.1 66.9 124.3
188 3.6 2.7 4.1



#51
Chlorobenzene
Concen: 5.300 ug/L
RT: 9.441 min Scan# 2535
Delta R.T. -0.000 min
Lab File: VU059912.D
Acq: 12 Jul 2024 10:50

Tgt Ion:112 Resp: 176766
Ion Ratio Lower Upper
112 100
114 32.0 22.4 41.6
77 55.6 49.1 73.7

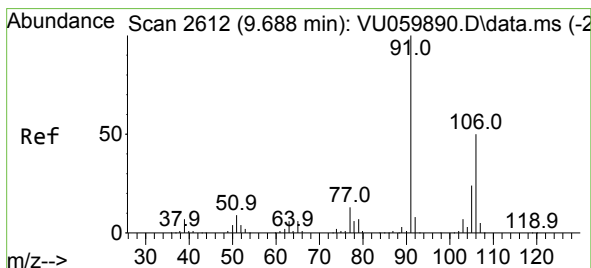
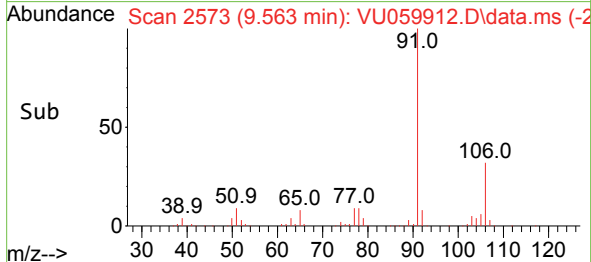
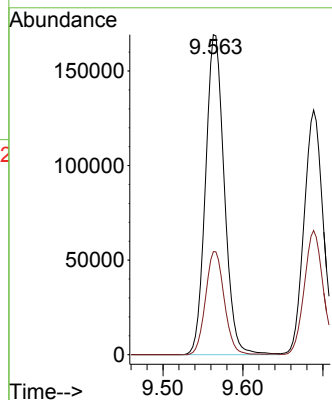
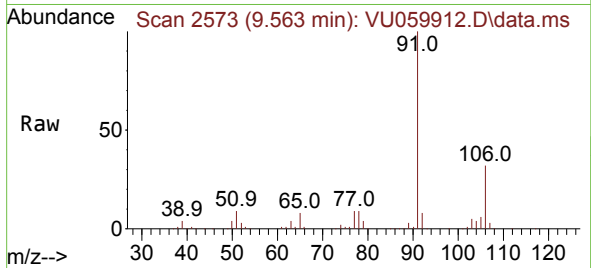




#52
Ethylbenzene
Concen: 5.128 ug/L
RT: 9.563 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU059912.D
Acq: 12 Jul 2024 10:50

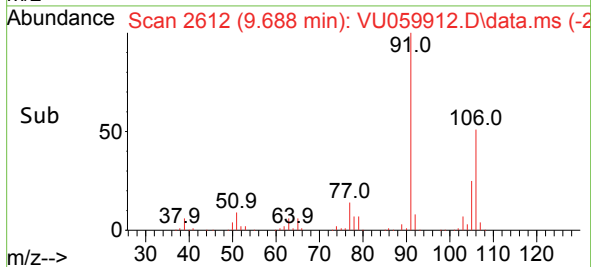
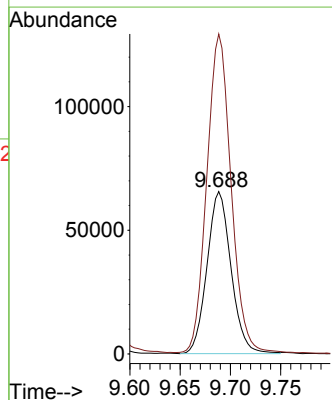
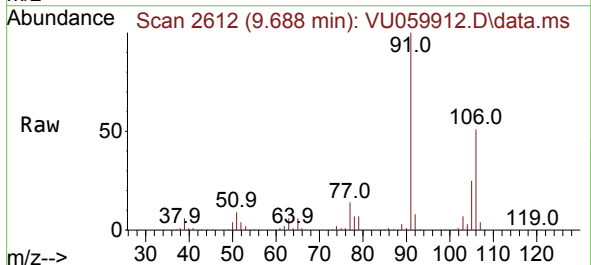
Instrument :
MSVOA_U
ClientSampleId :

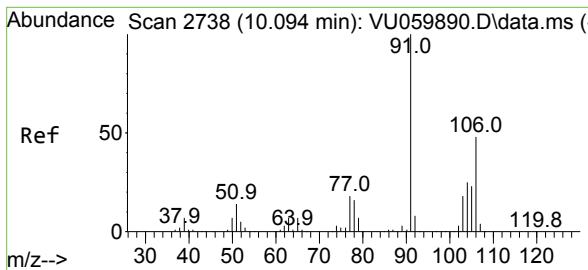
Tgt Ion: 91 Resp: 276587
Ion Ratio Lower Upper
91 100
106 32.2 20.9 38.7



#53
m,p-Xylene
Concen: 5.260 ug/L
RT: 9.688 min Scan# 2612
Delta R.T. -0.000 min
Lab File: VU059912.D
Acq: 12 Jul 2024 10:50

Tgt Ion:106 Resp: 108967
Ion Ratio Lower Upper
106 100
91 197.0 142.0 263.8

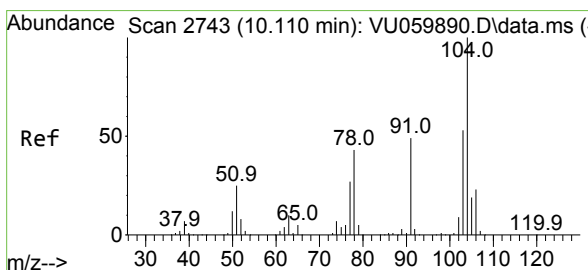
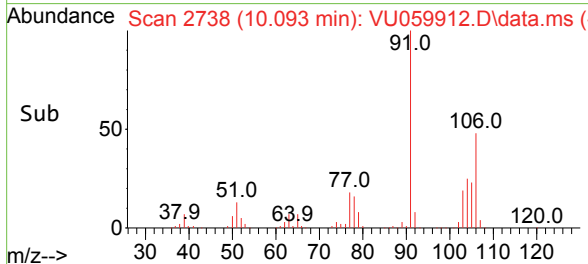
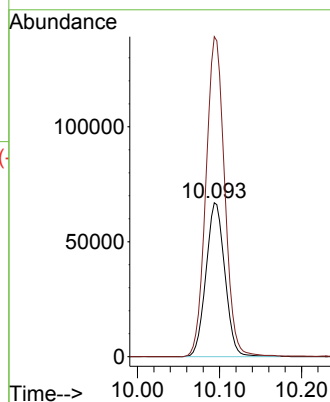
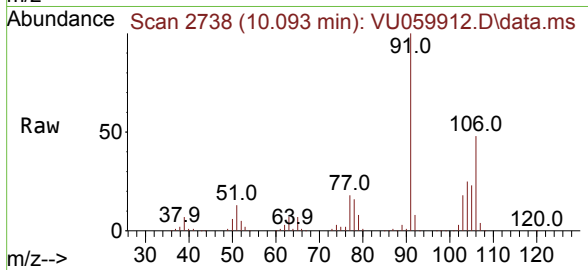




#54
o-Xylene
Concen: 5.452 ug/L
RT: 10.093 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU059912.D
Acq: 12 Jul 2024 10:50

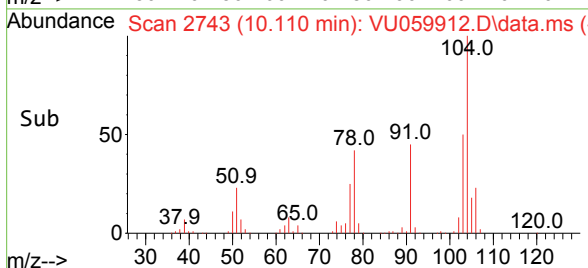
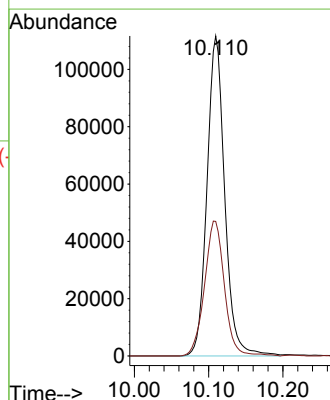
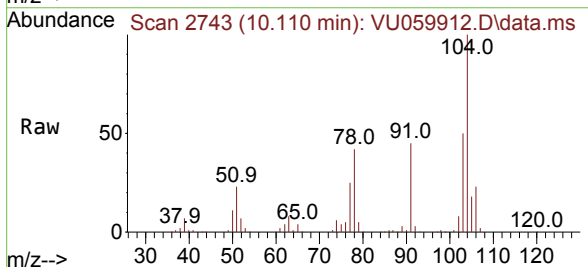
Instrument :
MSVOA_U
ClientSampleId :

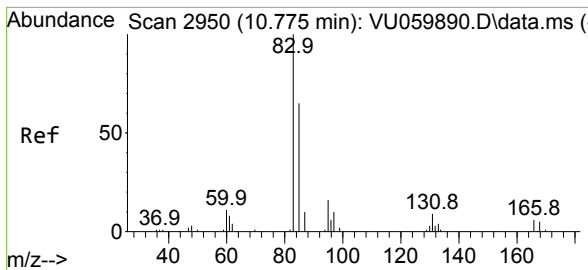
Tgt Ion:106 Resp: 107193
Ion Ratio Lower Upper
106 100
91 207.8 151.6 281.6



#55
Styrene
Concen: 5.521 ug/L
RT: 10.110 min Scan# 2743
Delta R.T. -0.000 min
Lab File: VU059912.D
Acq: 12 Jul 2024 10:50

Tgt Ion:104 Resp: 184798
Ion Ratio Lower Upper
104 100
78 42.1 32.3 60.1

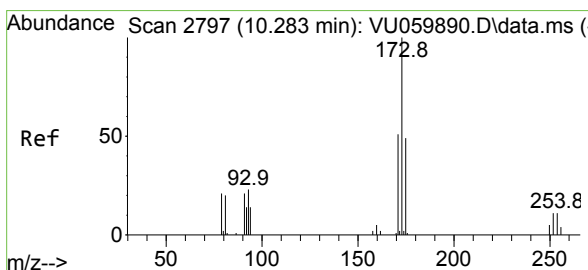
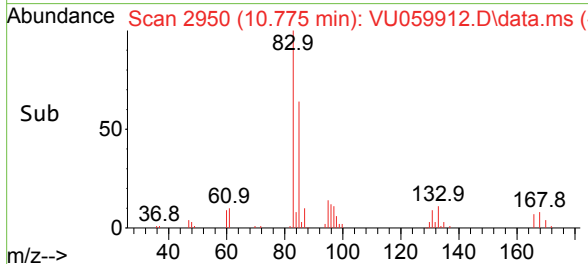
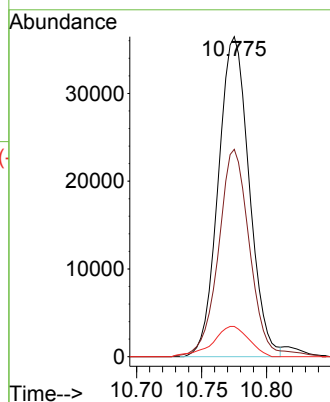
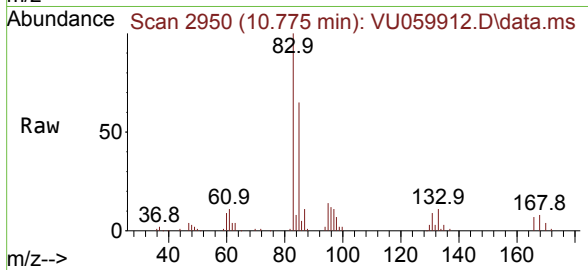




#57
1,1,2,2-Tetrachloroethane
Concen: 5.244 ug/L
RT: 10.775 min Scan# 2950
Delta R.T. -0.000 min
Lab File: VU059912.D
Acq: 12 Jul 2024 10:50

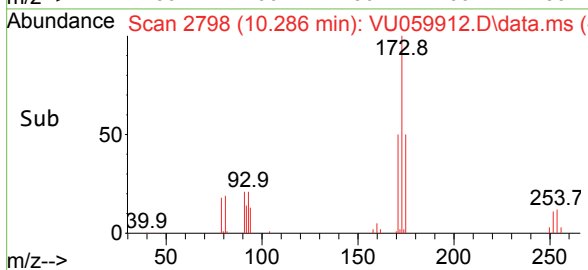
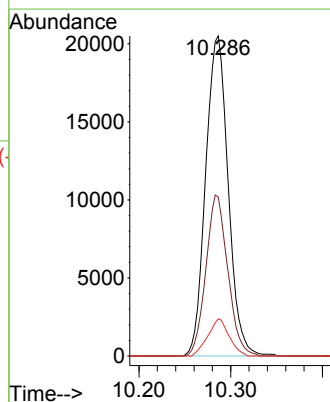
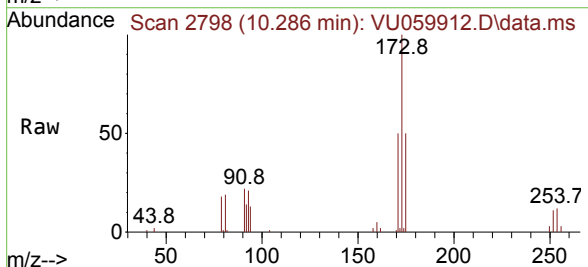
Instrument : MSVOA_U
ClientSampleId :

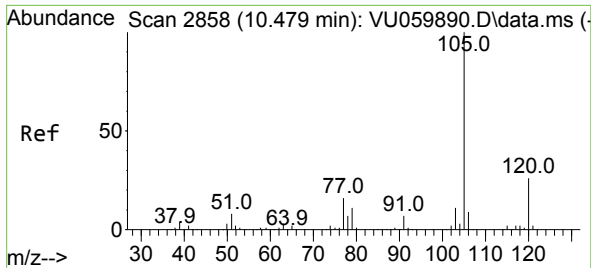
Tgt Ion: 83 Resp: 60254
Ion Ratio Lower Upper
83 100
85 64.8 44.7 82.9
131 9.4 6.9 10.3



#59
Bromoform
Concen: 5.351 ug/L
RT: 10.286 min Scan# 2798
Delta R.T. 0.003 min
Lab File: VU059912.D
Acq: 12 Jul 2024 10:50

Tgt Ion:173 Resp: 34995
Ion Ratio Lower Upper
173 100
175 48.8 39.4 59.2
254 10.9 7.4 11.2

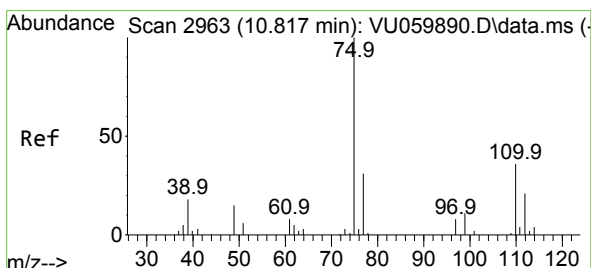
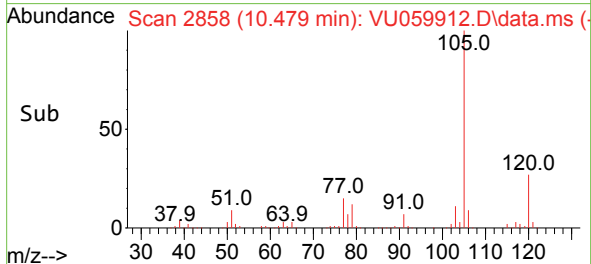
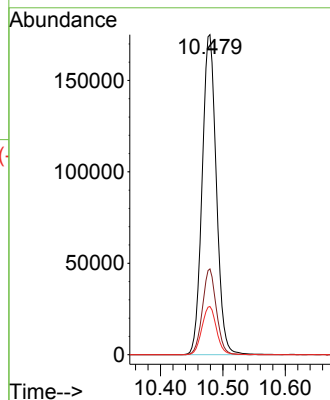
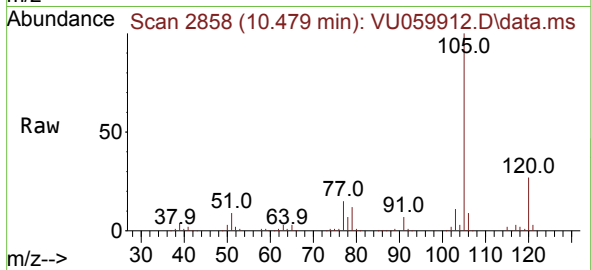




#60
Isopropylbenzene
Concen: 5.251 ug/L
RT: 10.479 min Scan# 2858
Delta R.T. -0.000 min
Lab File: VU059912.D
Acq: 12 Jul 2024 10:50

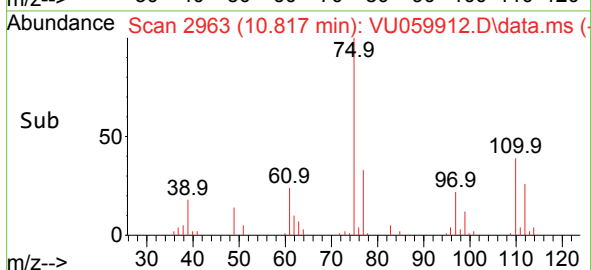
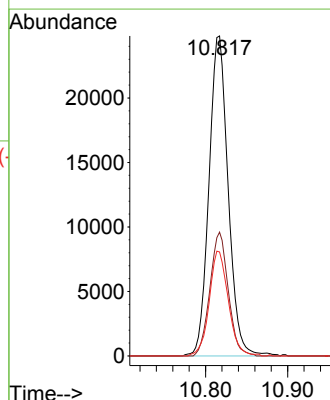
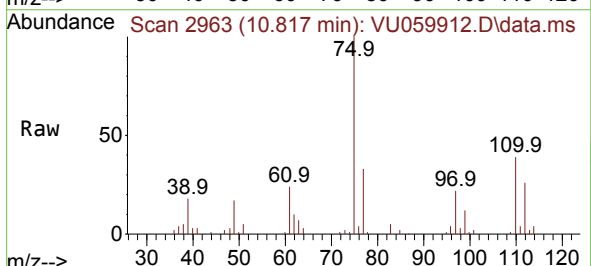
Instrument :
MSVOA_U
ClientSampleId :

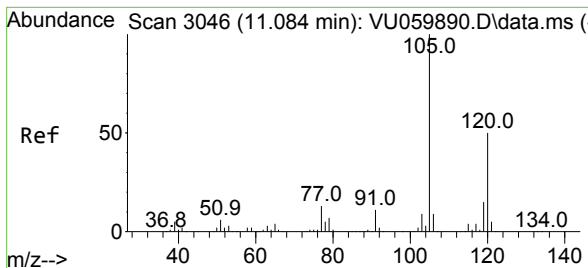
Tgt Ion:105 Resp: 277196
Ion Ratio Lower Upper
105 100
120 26.3 20.6 31.0
77 15.4 12.8 19.2



#61
1,2,3-Trichloropropane
Concen: 5.122 ug/L
RT: 10.817 min Scan# 2963
Delta R.T. -0.000 min
Lab File: VU059912.D
Acq: 12 Jul 2024 10:50

Tgt Ion: 75 Resp: 40452
Ion Ratio Lower Upper
75 100
110 37.0 27.1 40.7
77 32.5 25.4 38.2





#62

1,3,5-Trimethylbenzene

Concen: 4.967 ug/L

RT: 11.081 min Scan# 3046

Delta R.T. -0.003 min

Lab File: VU059912.D

Acq: 12 Jul 2024 10:50

Instrument :

MSVOA_U

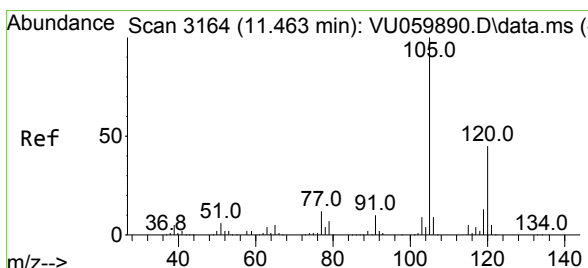
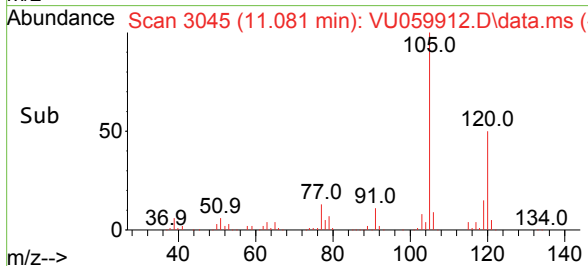
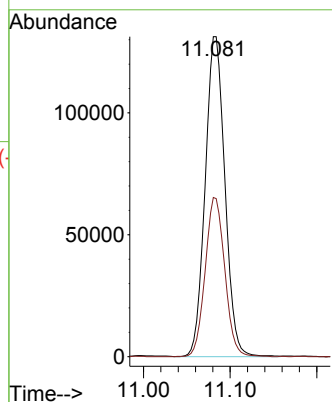
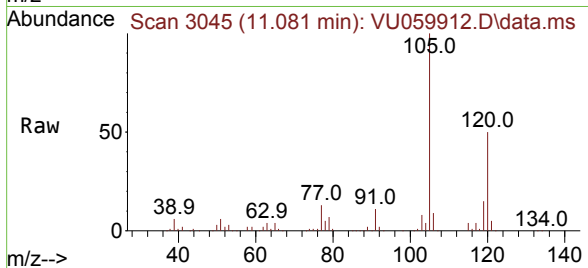
ClientSampleId :

Tgt Ion:105 Resp: 207724

Ion Ratio Lower Upper

105 100

120 49.4 38.2 57.4



#63

1,2,4-Trimethylbenzene

Concen: 5.059 ug/L

RT: 11.463 min Scan# 3164

Delta R.T. -0.000 min

Lab File: VU059912.D

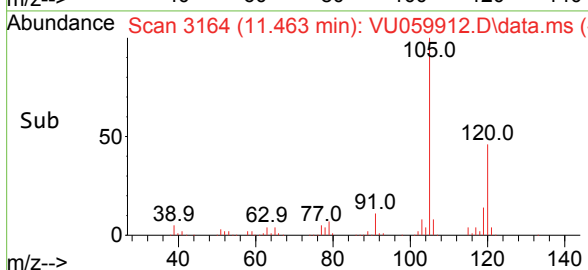
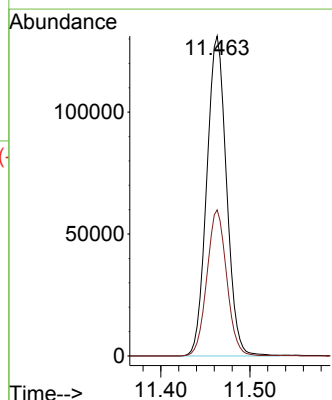
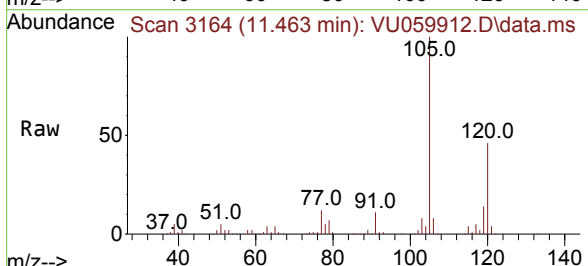
Acq: 12 Jul 2024 10:50

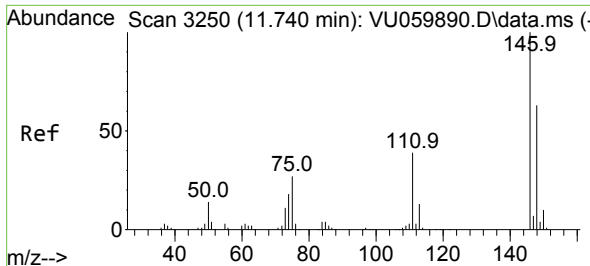
Tgt Ion:105 Resp: 202269

Ion Ratio Lower Upper

105 100

120 45.7 35.4 53.0

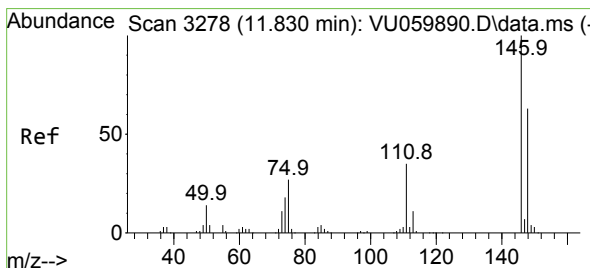
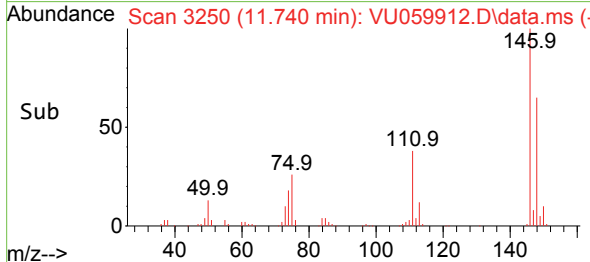
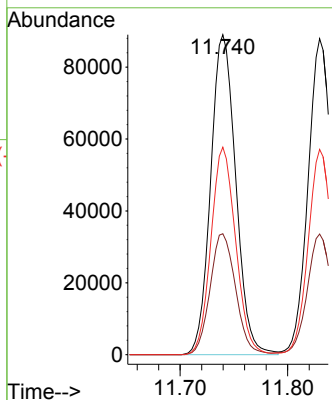
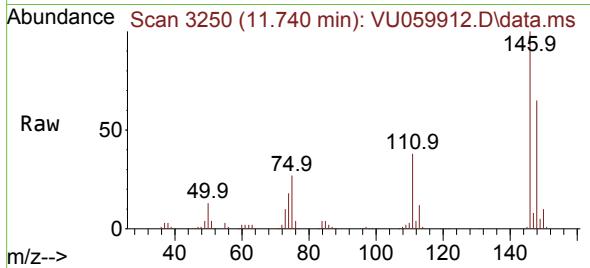




#64
1,3-Dichlorobenzene
Concen: 5.377 ug/L
RT: 11.740 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU059912.D
Acq: 12 Jul 2024 10:50

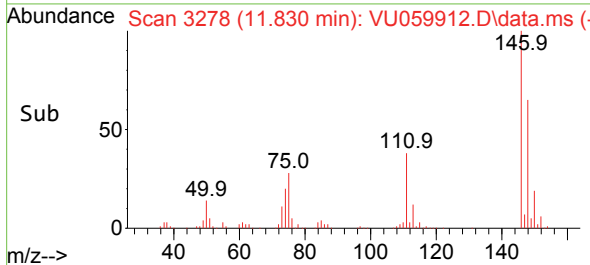
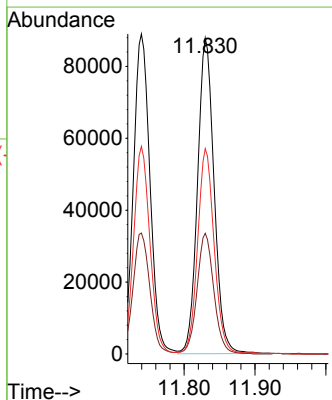
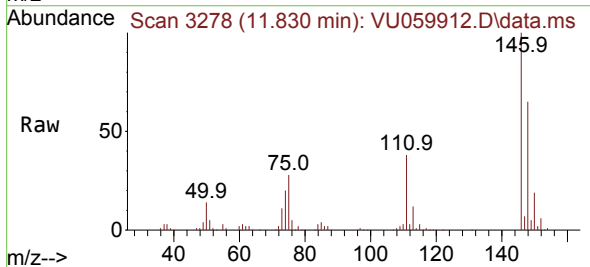
Instrument :
MSVOA_U
ClientSampleId :

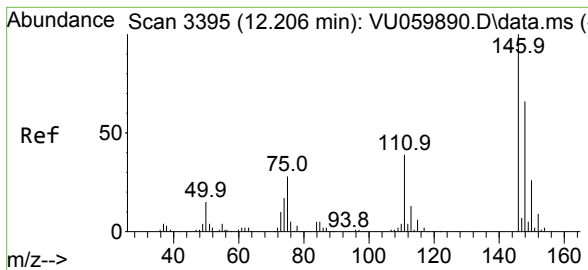
Tgt Ion:146 Resp: 144374
Ion Ratio Lower Upper
146 100
111 37.8 27.4 51.0
148 64.8 45.0 83.6



#65
1,4-Dichlorobenzene
Concen: 5.165 ug/L
RT: 11.830 min Scan# 3278
Delta R.T. -0.000 min
Lab File: VU059912.D
Acq: 12 Jul 2024 10:50

Tgt Ion:146 Resp: 142755
Ion Ratio Lower Upper
146 100
111 38.2 26.9 50.1
148 64.9 45.3 84.1

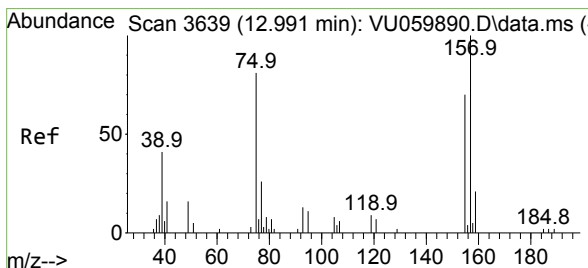
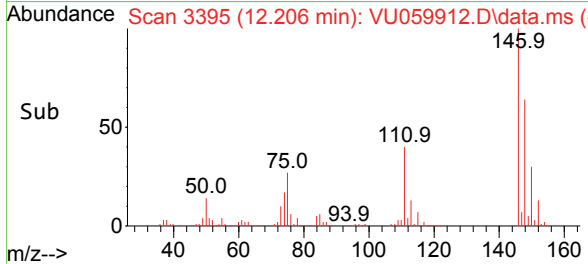
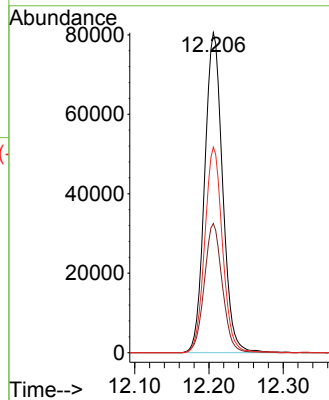
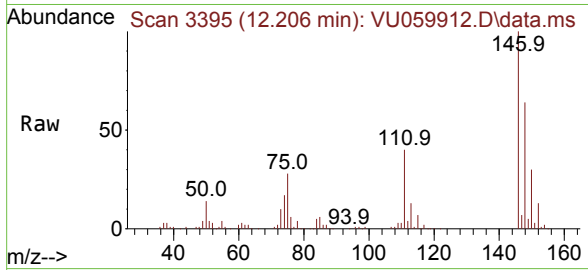




#67
 1,2-Dichlorobenzene
 Concen: 5.340 ug/L
 RT: 12.206 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU059912.D
 Acq: 12 Jul 2024 10:50

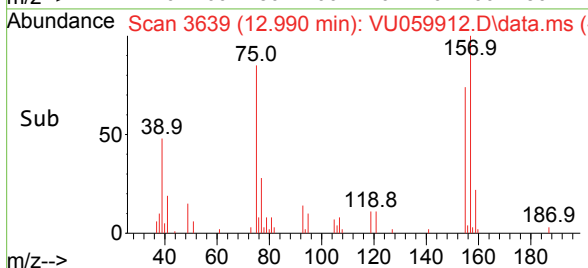
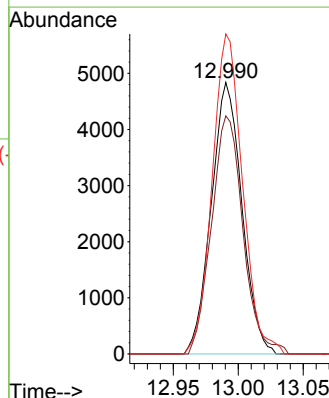
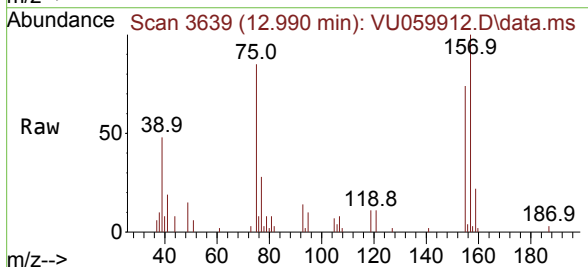
Instrument :
 MSVOA_U
 ClientSampleId :

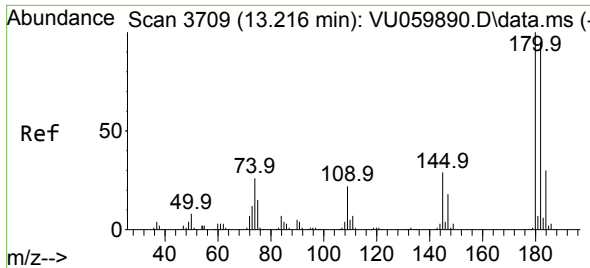
Tgt Ion:146 Resp: 134928
 Ion Ratio Lower Upper
 146 100
 111 40.4 33.4 50.0
 148 64.2 49.7 74.5



#68
 1,2-Dibromo-3-chloropropane
 Concen: 5.158 ug/L
 RT: 12.990 min Scan# 3639
 Delta R.T. -0.000 min
 Lab File: VU059912.D
 Acq: 12 Jul 2024 10:50

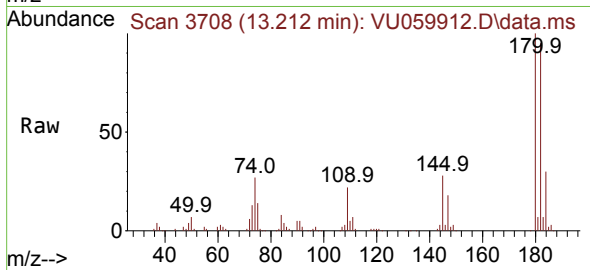
Tgt Ion: 75 Resp: 7945
 Ion Ratio Lower Upper
 75 100
 155 87.7 58.2 87.2#
 157 117.9 80.0 120.0



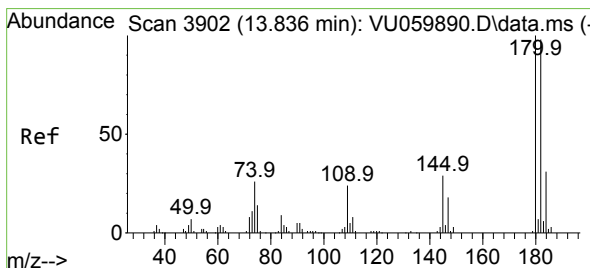
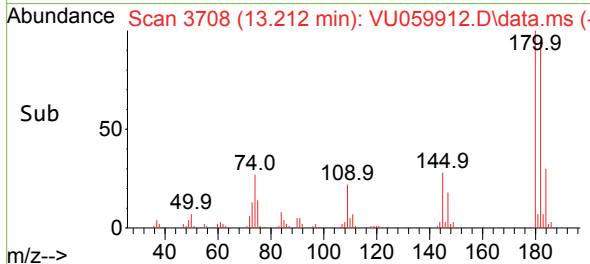
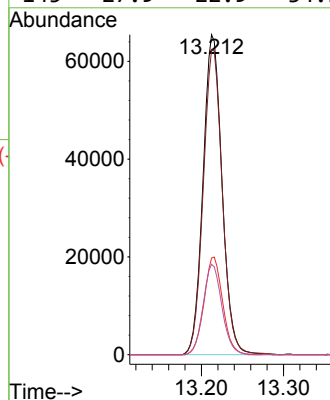


#69
 1,3,5-Trichlorobenzene
 Concen: 5.303 ug/L
 RT: 13.212 min Scan# 31
 Delta R.T. -0.003 min
 Lab File: VU059912.D
 Acq: 12 Jul 2024 10:50

Instrument :
 MSVOA_U
 ClientSampleId :

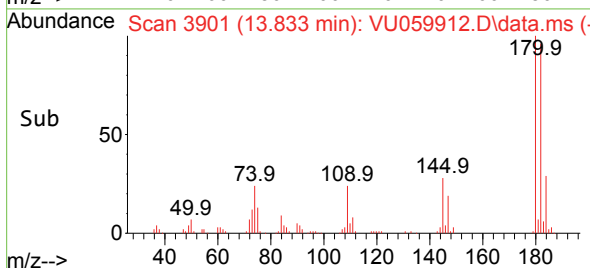
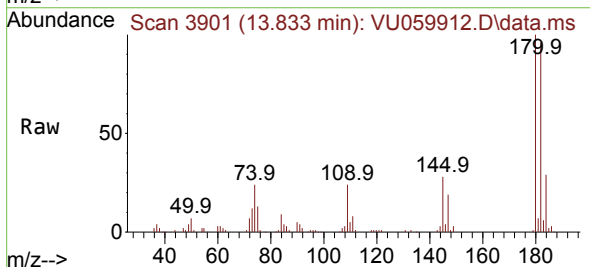
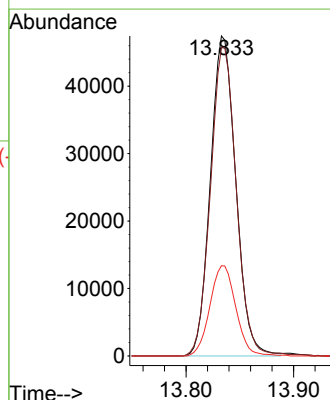


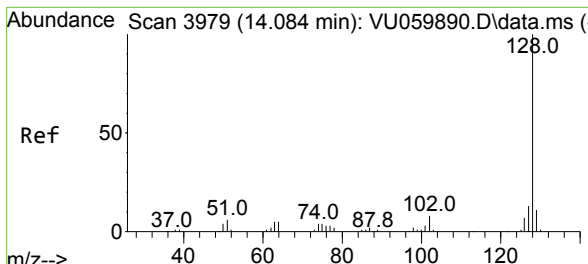
Tgt Ion:180 Resp: 105392
 Ion Ratio Lower Upper
 180 100
 182 95.7 75.4 113.0
 184 29.9 23.0 34.6
 145 27.9 22.9 34.3



#70
 1,2,4-trichlorobenzene
 Concen: 5.102 ug/L
 RT: 13.833 min Scan# 3901
 Delta R.T. -0.003 min
 Lab File: VU059912.D
 Acq: 12 Jul 2024 10:50

Tgt Ion:180 Resp: 77785
 Ion Ratio Lower Upper
 180 100
 182 98.1 74.9 112.3
 145 28.8 23.9 35.9

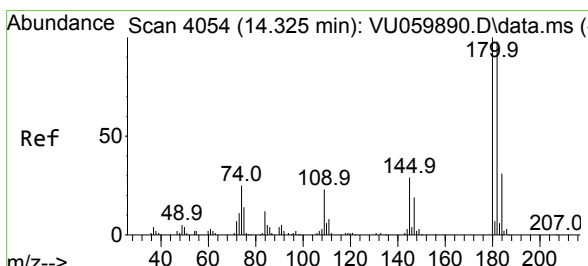
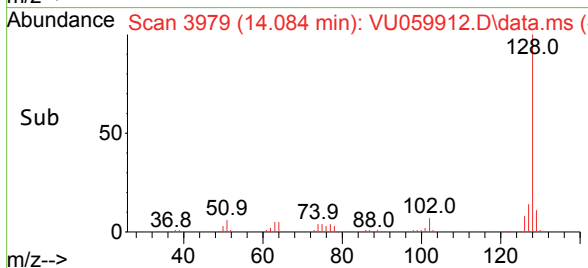
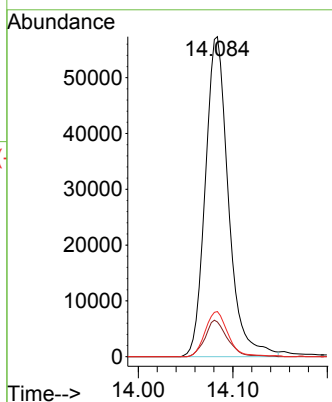
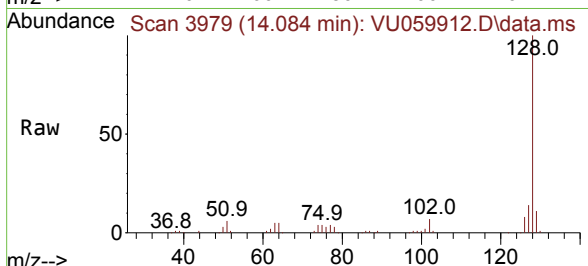




#71
 Naphthalene
 Concen: 4.465 ug/L
 RT: 14.084 min Scan# 3979
 Delta R.T. -0.000 min
 Lab File: VU059912.D
 Acq: 12 Jul 2024 10:50

Instrument :
 MSVOA_U
 ClientSampleId :

Tgt Ion:	128	Resp:	97426
Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.2	12.4
127	13.9	10.2	15.4



#72
 1,2,3-Trichlorobenzene
 Concen: 5.036 ug/L
 RT: 14.325 min Scan# 4054
 Delta R.T. -0.000 min
 Lab File: VU059912.D
 Acq: 12 Jul 2024 10:50

Tgt Ion:	180	Resp:	71295
Ion	Ratio	Lower	Upper
180	100		
182	97.7	77.0	115.6
145	30.9	26.2	39.4

