

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041524\
 Data File : VU058701.D
 Acq On : 15 Apr 2024 19:40
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 16 00:43:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Apr 16 00:38:11 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	67216	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	66043	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	32730	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	20386	4.581	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.600%
7) Chloroethane-d5	1.904	69	22019	5.694	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	113.800%
11) 1,1-Dichloroethene-d2	2.557	65	9704	4.818	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.400%
20) 2-Butanone-d5	4.615	46	63759	67.987	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	135.980%#
24) Chloroform-d	5.052	84	54343	6.117	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	122.400%
26) 1,2-Dichloroethane-d4	5.692	65	26191	6.317	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	126.400%
32) Benzene-d6	5.717	84	98667	5.549	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	111.000%
36) 1,2-Dichloropropane-d6	6.682	67	33187	5.952	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	119.000%
41) Toluene-d8	7.891	98	85571	5.427	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.600%
43) trans-1,3-Dichloroprop...	8.174	79	9591	5.541	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	110.800%
46) 2-Hexanone-d5	8.627	63	46578	65.244	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	130.480%#
56) 1,1,2,2-Tetrachloroeth...	10.749	84	23016	5.847	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	117.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	28179	5.112	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.377	85	23612	4.214	ug/L	96
3) Chloromethane	1.515	50	29790	4.345	ug/L	98
5) Vinyl chloride	1.599	62	30925	4.516	ug/L	99
6) Bromomethane	1.849	94	15035	4.641	ug/L	99
8) Chloroethane	1.927	64	21181	4.896	ug/L	99
9) Trichlorofluoromethane	2.132	101	42866	4.740	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	26052	4.849	ug/L	97
12) 1,1-Dichloroethene	2.573	96	22463	4.716	ug/L	95
13) Acetone	2.618	43	34648	43.287	ug/L	99
14) Carbon disulfide	2.785	76	65482	4.328	ug/L	99
15) Methyl Acetate	2.943	43	10105	5.350	ug/L	94
16) Methylene chloride	3.033	84	28441	4.499	ug/L	98
17) Methyl tert-butyl Ether	3.351	73	54977	4.886	ug/L	98
18) trans-1,2-Dichloroethene	3.345	96	24355	4.878	ug/L	95
19) 1,1-Dichloroethane	3.856	63	57380	5.266	ug/L	99
21) 2-Butanone	4.695	43	58788	49.138	ug/L	100
22) cis-1,2-Dichloroethene	4.653	96	27832	4.964	ug/L	95
23) Bromochloromethane	4.965	128	11390	5.156	ug/L	93
25) Chloroform	5.078	83	56537	5.360	ug/L	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041524\
 Data File : VU058701.D
 Acq On : 15 Apr 2024 19:40
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 16 00:43:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Apr 16 00:38:11 2024
 Response via : Initial Calibration

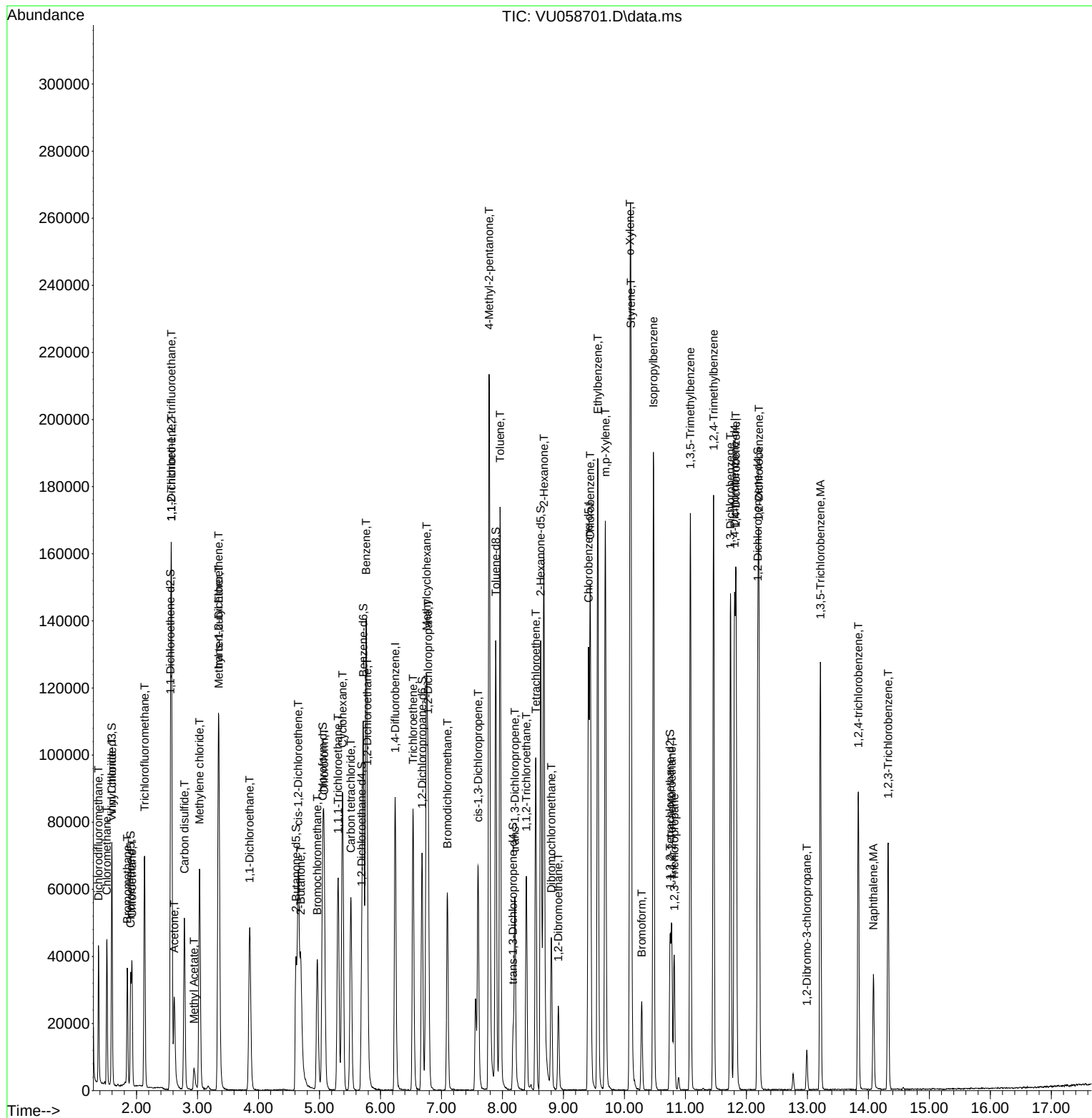
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	34326	5.345	ug/L	97
29) 1,1,1-Trichloroethane	5.306	97	44890	5.070	ug/L	99
30) Cyclohexane	5.377	56	40842	4.367	ug/L	100
31) Carbon tetrachloride	5.515	117	37658	5.022	ug/L	99
33) Benzene	5.766	78	118727	4.959	ug/L	100
34) Trichloroethene	6.534	95	28196	4.672	ug/L	99
35) Methylcyclohexane	6.756	83	39590	4.354	ug/L	96
37) 1,2-Dichloropropane	6.782	63	34029	5.403	ug/L	100
38) Bromodichloromethane	7.097	83	37935	5.277	ug/L	98
39) cis-1,3-Dichloropropene	7.602	75	39528	4.935	ug/L	97
40) 4-Methyl-2-pentanone	7.782	43	154294	52.043	ug/L	97
42) Toluene	7.962	91	121724	4.848	ug/L	99
44) trans-1,3-Dichloropropene	8.203	75	31979	5.063	ug/L	99
45) 1,1,2-Trichloroethane	8.393	97	18915	5.142	ug/L	98
47) Tetrachloroethene	8.547	164	19967	4.513	ug/L	98
48) 2-Hexanone	8.679	43	113444	53.900	ug/L	96
49) Dibromochloromethane	8.801	129	21873	5.143	ug/L	96
50) 1,2-Dibromoethane	8.917	107	16761	4.982	ug/L	99
51) Chlorobenzene	9.441	112	73496	4.837	ug/L	99
52) Ethylbenzene	9.563	91	128216	4.820	ug/L	100
53) m,p-Xylene	9.688	106	46385	4.869	ug/L	100
54) o-Xylene	10.093	106	44578	4.773	ug/L	96
55) Styrene	10.110	104	75923	5.053	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.775	83	24031	5.296	ug/L	96
59) Bromoform	10.283	173	11365	5.197	ug/L	99
60) Isopropylbenzene	10.476	105	116645	4.868	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	16950	5.076	ug/L	98
62) 1,3,5-Trimethylbenzene	11.081	105	90339	4.623	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	94302	4.726	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	56068	4.817	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	52964	4.671	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	49709	4.695	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.990	75	3211	5.670	ug/L	83
69) 1,3,5-Trichlorobenzene	13.216	180	37181	4.320	ug/L	98
70) 1,2,4-trichlorobenzene	13.836	180	25458	3.836	ug/L	97
71) Naphthalene	14.084	128	28554	3.140	ug/L	98
72) 1,2,3-Trichlorobenzene	14.325	180	21488	3.921	ug/L	99

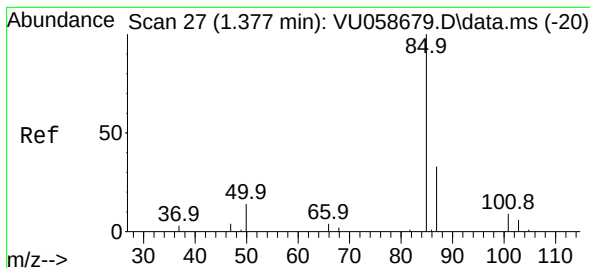
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041524\
Data File : VU058701.D
Acq On : 15 Apr 2024 19:40
Operator : MD/SY
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Apr 16 00:43:37 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Apr 16 00:38:11 2024
Response via : Initial Calibration

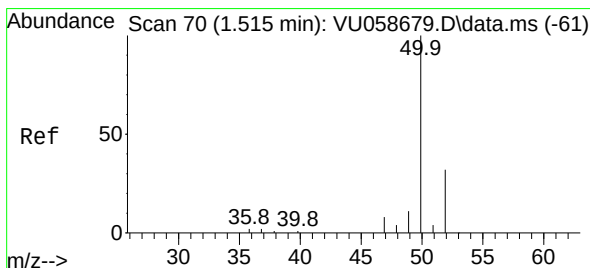
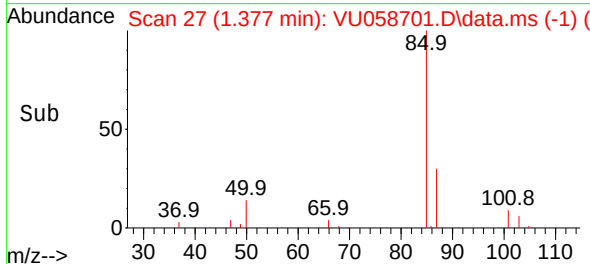
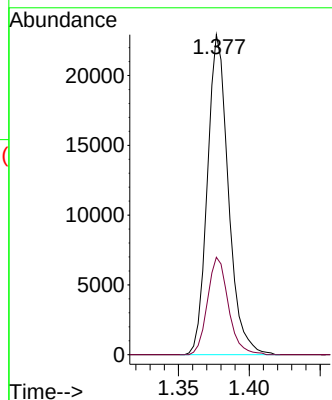
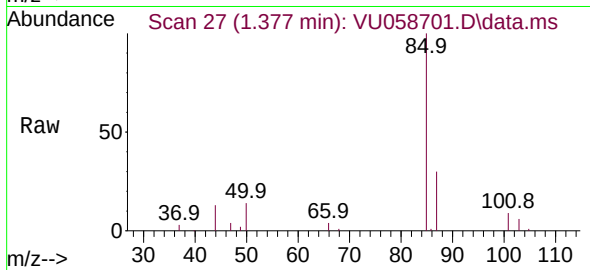




#2
 Dichlorodifluoromethane
 Concen: 4.214 ug/L
 RT: 1.377 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VU058701.D
 Acq: 15 Apr 2024 19:40

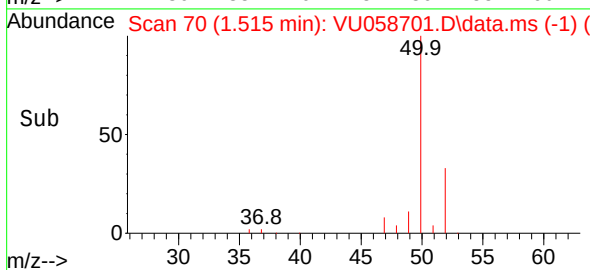
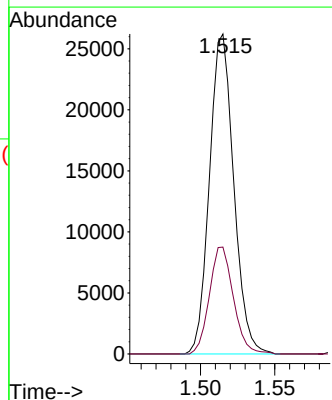
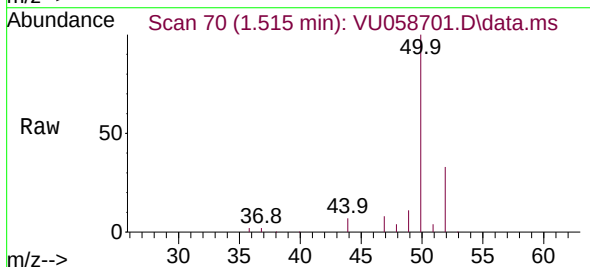
Instrument :
 MSVOA_U
 ClientSampleId :

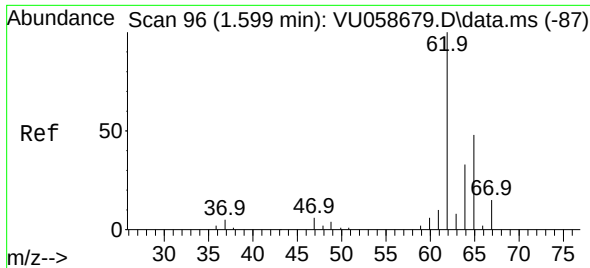
Tgt Ion: 85 Resp: 23612
 Ion Ratio Lower Upper
 85 100
 87 30.3 25.9 38.9



#3
 Chloromethane
 Concen: 4.345 ug/L
 RT: 1.515 min Scan# 70
 Delta R.T. -0.000 min
 Lab File: VU058701.D
 Acq: 15 Apr 2024 19:40

Tgt Ion: 50 Resp: 29790
 Ion Ratio Lower Upper
 50 100
 52 33.4 22.6 42.0

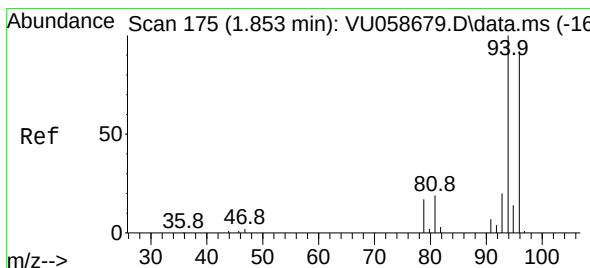
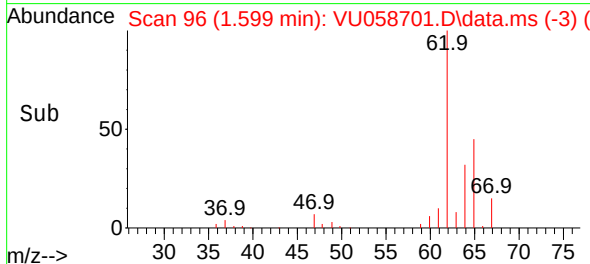
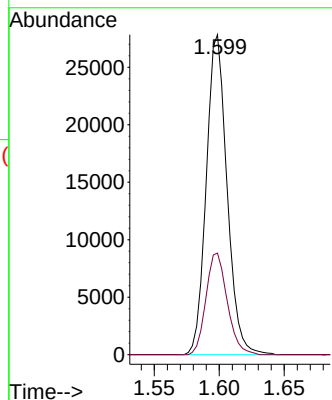
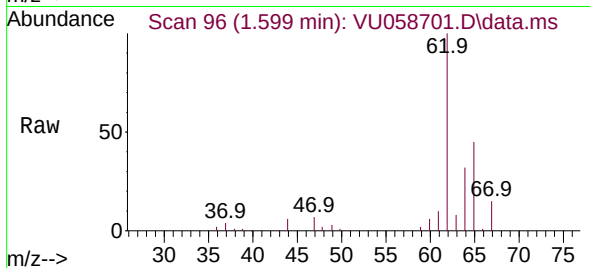




#5
Vinyl chloride
Concen: 4.516 ug/L
RT: 1.599 min Scan# 90
Delta R.T. -0.000 min
Lab File: VU058701.D
Acq: 15 Apr 2024 19:40

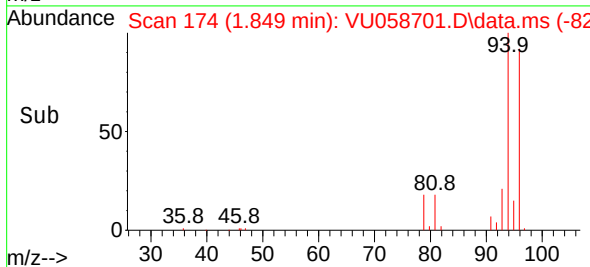
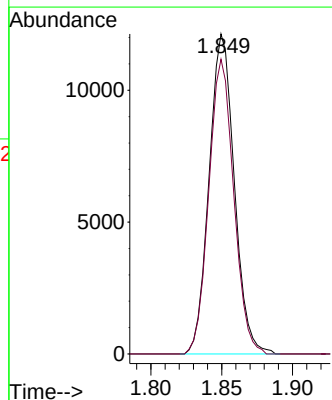
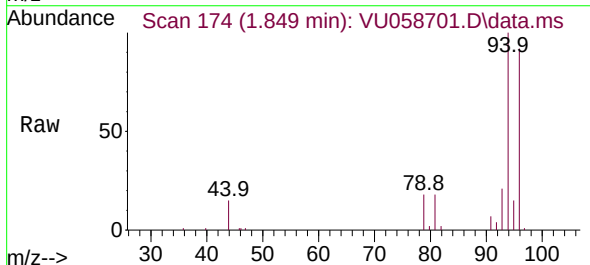
Instrument :
MSVOA_U
ClientSampleId :

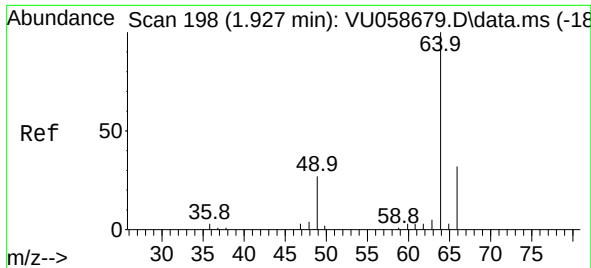
Tgt Ion: 62 Resp: 30925
Ion Ratio Lower Upper
62 100
64 31.8 22.6 42.0



#6
Bromomethane
Concen: 4.641 ug/L
RT: 1.849 min Scan# 174
Delta R.T. -0.003 min
Lab File: VU058701.D
Acq: 15 Apr 2024 19:40

Tgt Ion: 94 Resp: 15035
Ion Ratio Lower Upper
94 100
96 92.1 65.4 121.4

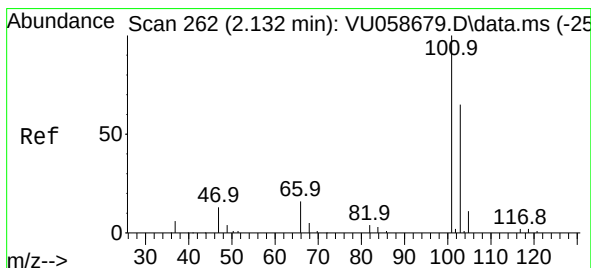
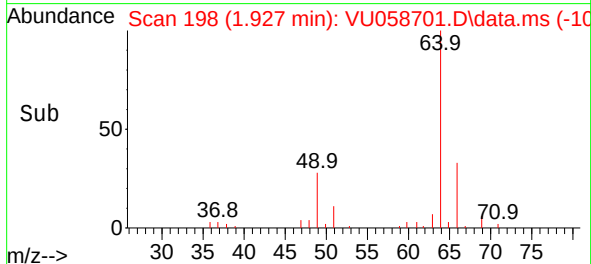
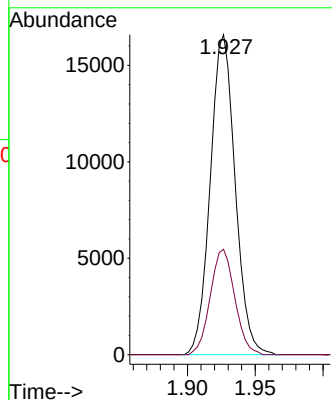
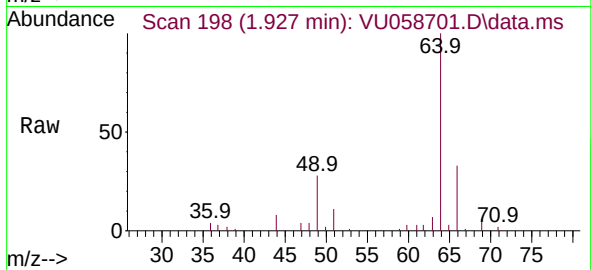




#8
Chloroethane
Concen: 4.896 ug/L
RT: 1.927 min Scan# 198
Delta R.T. -0.000 min
Lab File: VU058701.D
Acq: 15 Apr 2024 19:40

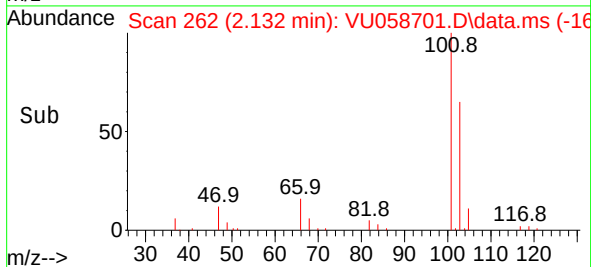
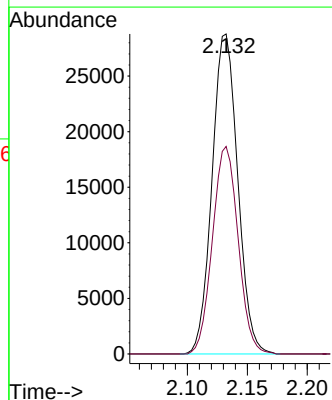
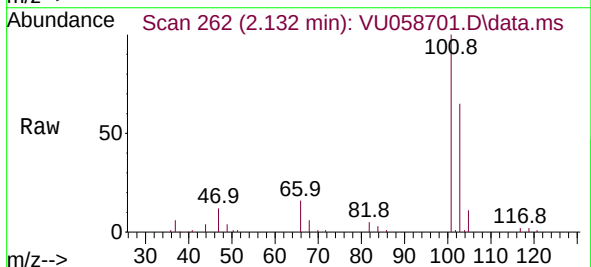
Instrument :
MSVOA_U
ClientSampleId :

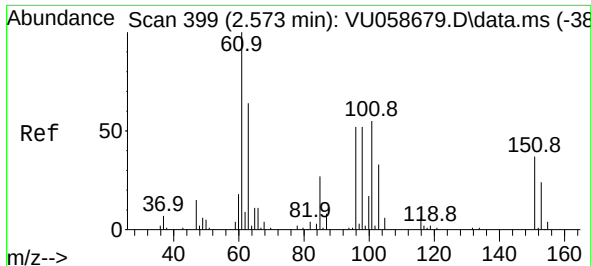
Tgt Ion: 64 Resp: 21181
Ion Ratio Lower Upper
64 100
66 33.0 22.5 41.9



#9
Trichlorofluoromethane
Concen: 4.740 ug/L
RT: 2.132 min Scan# 262
Delta R.T. -0.000 min
Lab File: VU058701.D
Acq: 15 Apr 2024 19:40

Tgt Ion:101 Resp: 42866
Ion Ratio Lower Upper
101 100
103 64.8 51.2 76.8

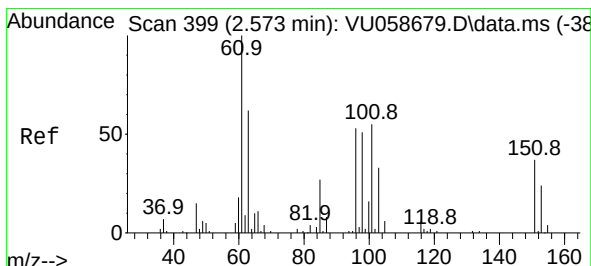
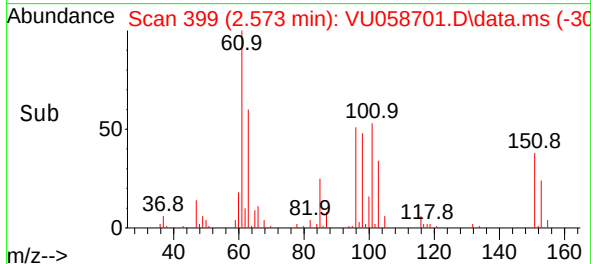
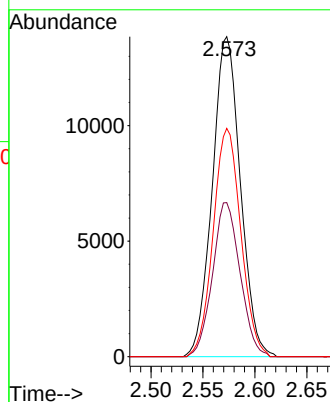
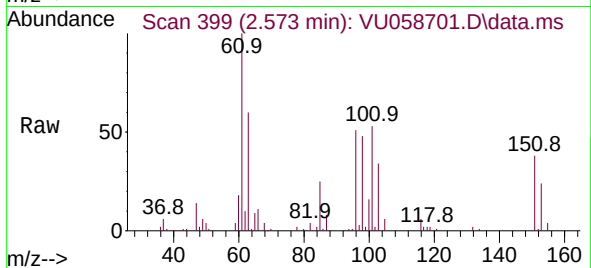




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.849 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.000 min
Lab File: VU058701.D
Acq: 15 Apr 2024 19:40

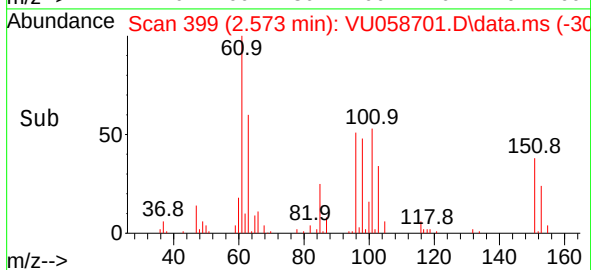
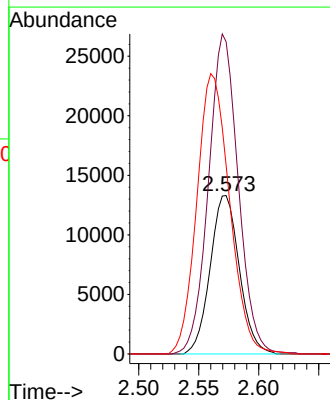
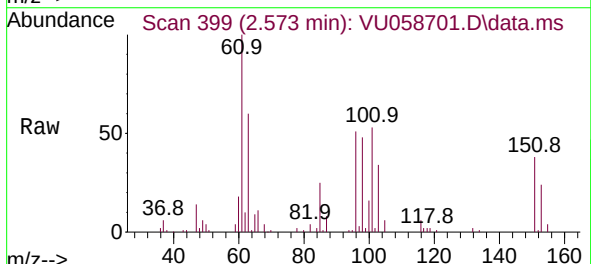
Instrument :
MSVOA_U
ClientSampleId :

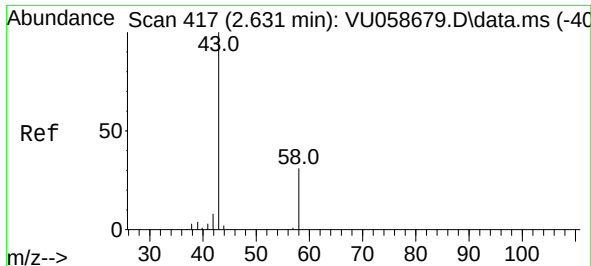
Tgt Ion:101 Resp: 26052
Ion Ratio Lower Upper
101 100
85 47.2 36.8 55.2
151 70.2 58.2 87.4



#12
1,1-Dichloroethene
Concen: 4.716 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.000 min
Lab File: VU058701.D
Acq: 15 Apr 2024 19:40

Tgt Ion: 96 Resp: 22463
Ion Ratio Lower Upper
96 100
61 197.1 132.5 246.1
63 119.1 87.7 162.9





#13

Acetone

Concen: 43.287 ug/L

RT: 2.618 min Scan# 41

Delta R.T. -0.013 min

Lab File: VU058701.D

Acq: 15 Apr 2024 19:40

Instrument :

MSVOA_U

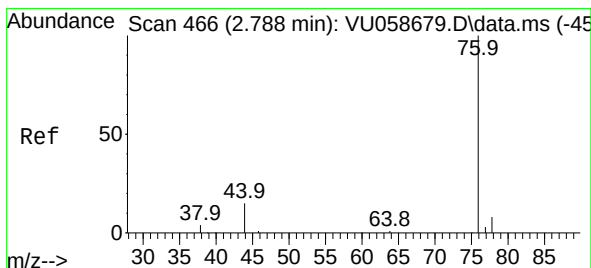
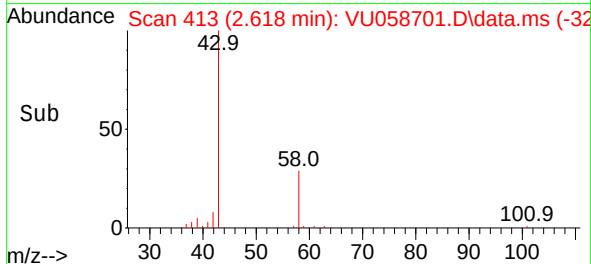
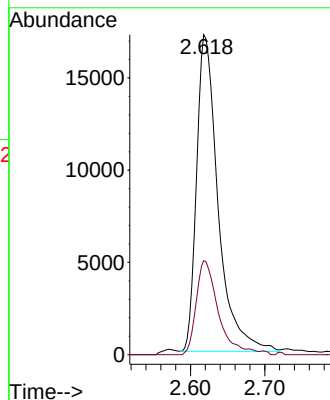
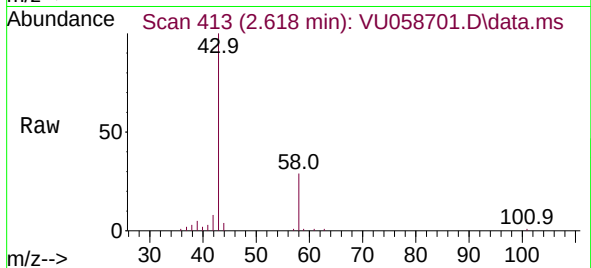
ClientSampleId :

Tgt Ion: 43 Resp: 34648

Ion Ratio Lower Upper

43 100

58 30.4 0.0 61.4



#14

Carbon disulfide

Concen: 4.328 ug/L

RT: 2.785 min Scan# 465

Delta R.T. -0.003 min

Lab File: VU058701.D

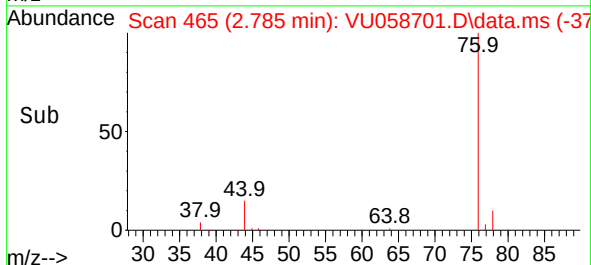
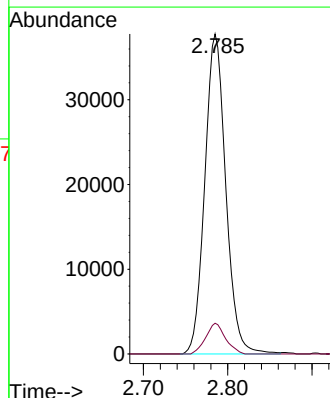
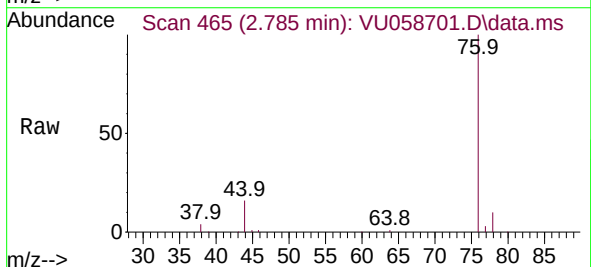
Acq: 15 Apr 2024 19:40

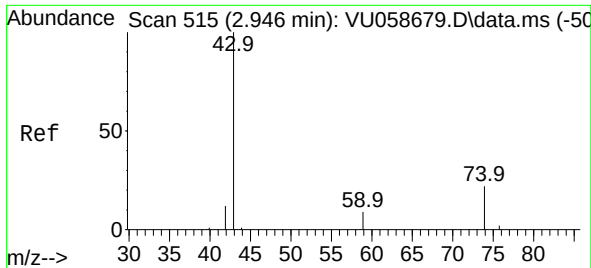
Tgt Ion: 76 Resp: 65482

Ion Ratio Lower Upper

76 100

78 9.6 7.5 11.3

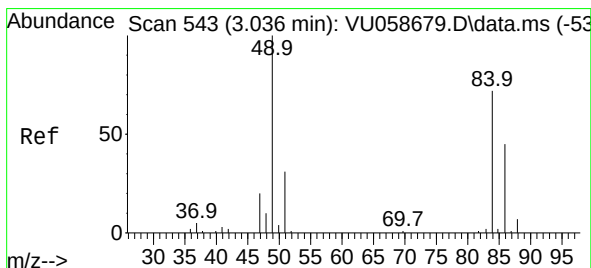
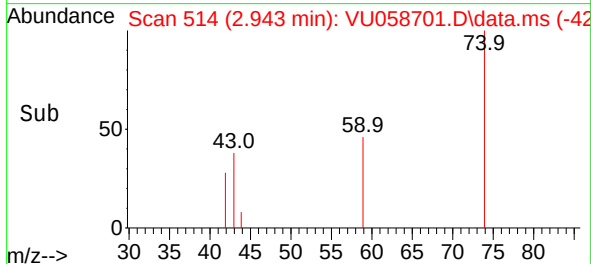
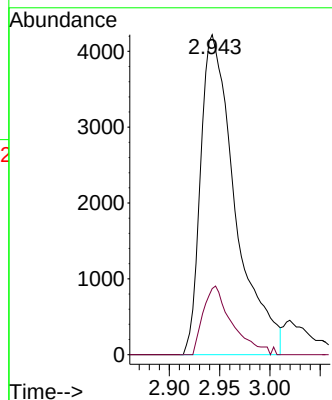
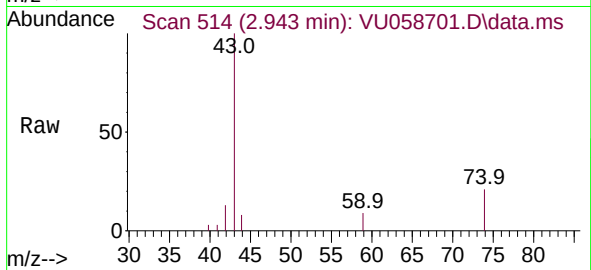




#15
Methyl Acetate
Concen: 5.350 ug/L
RT: 2.943 min Scan# 51
Delta R.T. -0.003 min
Lab File: VU058701.D
Acq: 15 Apr 2024 19:40

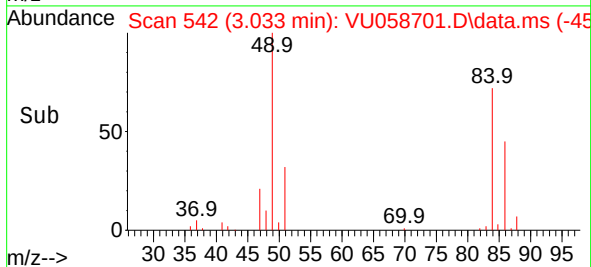
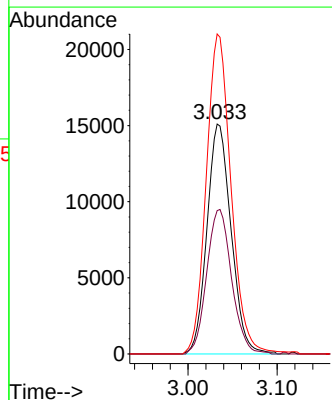
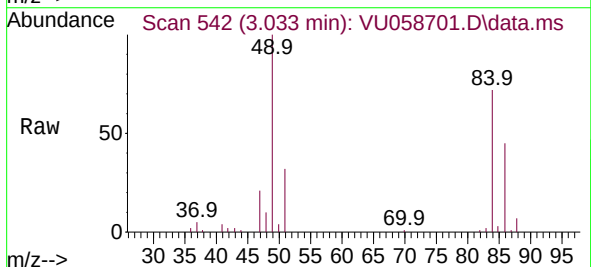
Instrument :
MSVOA_U
ClientSampleId :

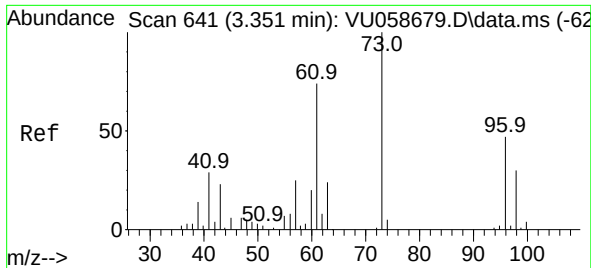
Tgt Ion: 43 Resp: 10105
Ion Ratio Lower Upper
43 100
74 18.0 16.6 25.0



#16
Methylene chloride
Concen: 4.499 ug/L
RT: 3.033 min Scan# 542
Delta R.T. -0.003 min
Lab File: VU058701.D
Acq: 15 Apr 2024 19:40

Tgt Ion: 84 Resp: 28441
Ion Ratio Lower Upper
84 100
86 62.4 44.3 82.3
49 139.2 96.0 178.2

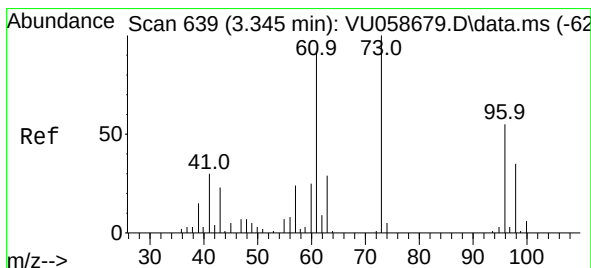
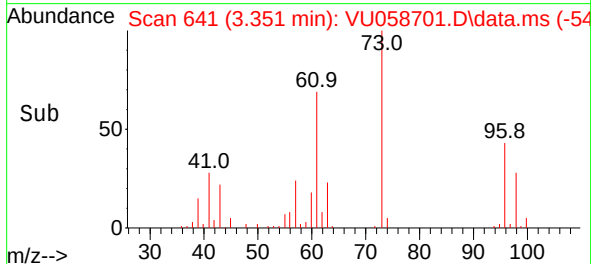
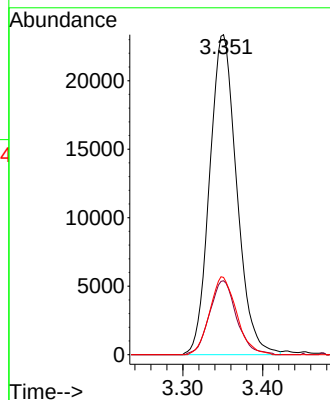
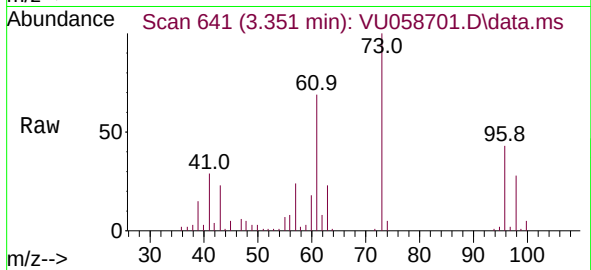




#17
Methyl tert-butyl Ether
Concen: 4.886 ug/L
RT: 3.351 min Scan# 641
Delta R.T. -0.000 min
Lab File: VU058701.D
Acq: 15 Apr 2024 19:40

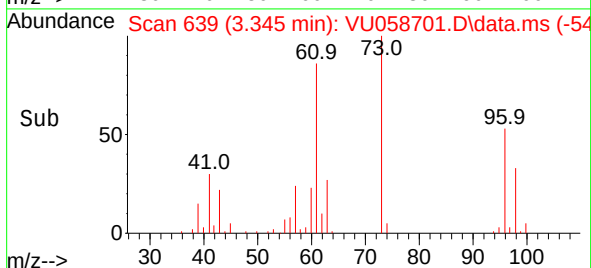
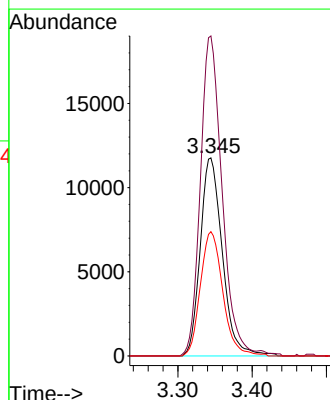
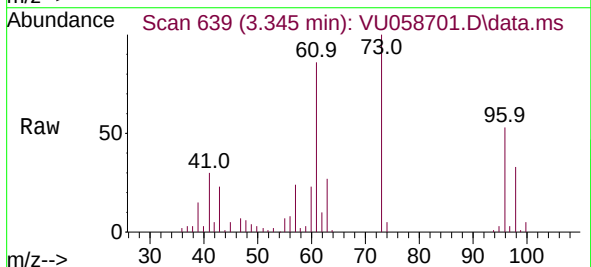
Instrument :
MSVOA_U
ClientSampleId :

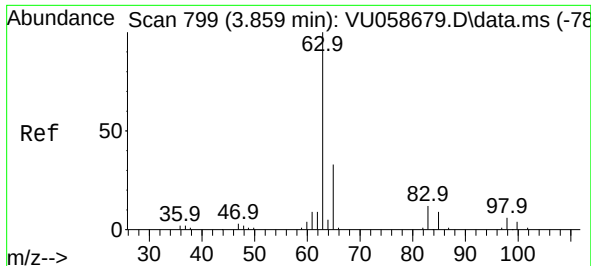
Tgt Ion: 73 Resp: 54977
Ion Ratio Lower Upper
73 100
43 23.0 17.4 26.2
57 24.1 18.6 27.8



#18
trans-1,2-Dichloroethene
Concen: 4.878 ug/L
RT: 3.345 min Scan# 639
Delta R.T. -0.000 min
Lab File: VU058701.D
Acq: 15 Apr 2024 19:40

Tgt Ion: 96 Resp: 24355
Ion Ratio Lower Upper
96 100
61 161.6 107.6 199.8
98 62.7 45.1 83.7

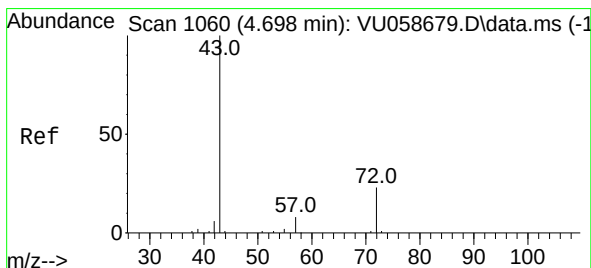
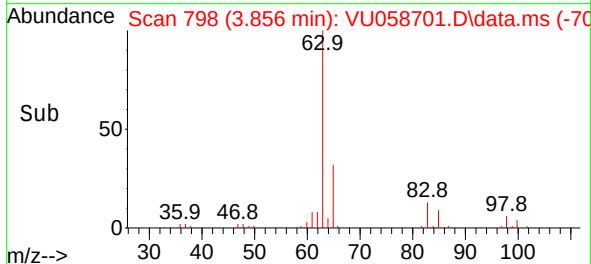
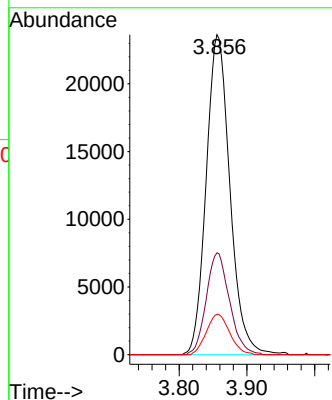
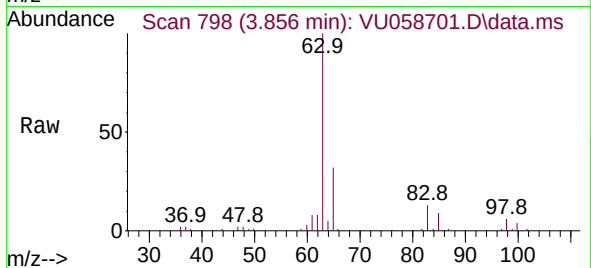




#19
1,1-Dichloroethane
Concen: 5.266 ug/L
RT: 3.856 min Scan# 799
Delta R.T. -0.003 min
Lab File: VU058701.D
Acq: 15 Apr 2024 19:40

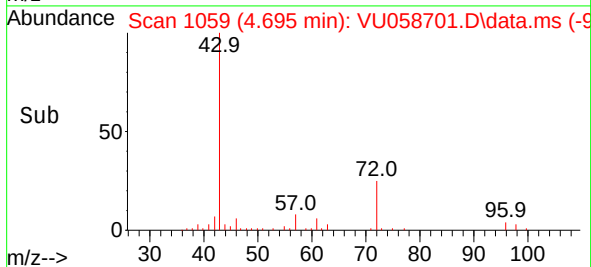
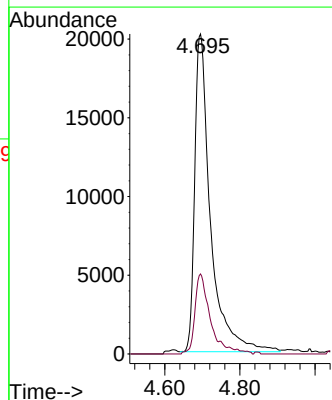
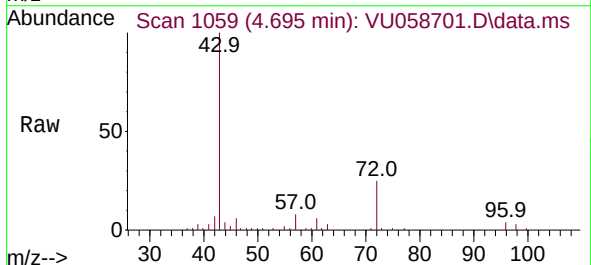
Instrument :
MSVOA_U
ClientSampleId :

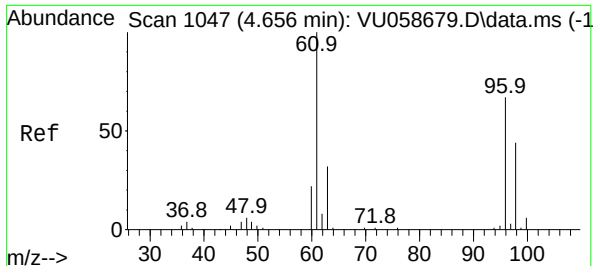
Tgt Ion: 63 Resp: 57380
Ion Ratio Lower Upper
63 100
65 32.6 22.9 42.5
83 12.7 9.6 17.8



#21
2-Butanone
Concen: 49.138 ug/L
RT: 4.695 min Scan# 1059
Delta R.T. -0.003 min
Lab File: VU058701.D
Acq: 15 Apr 2024 19:40

Tgt Ion: 43 Resp: 58788
Ion Ratio Lower Upper
43 100
72 23.3 11.7 35.0





#22

cis-1,2-Dichloroethene

Concen: 4.964 ug/L

RT: 4.653 min Scan# 1046

Delta R.T. -0.003 min

Lab File: VU058701.D

Acq: 15 Apr 2024 19:40

Instrument :

MSVOA_U

ClientSampleId :

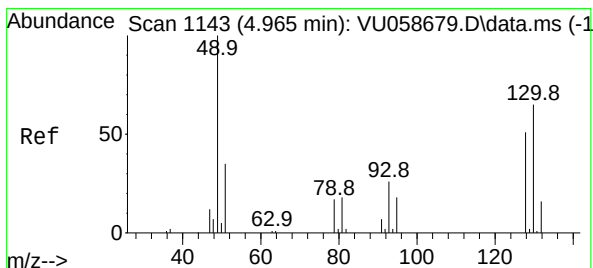
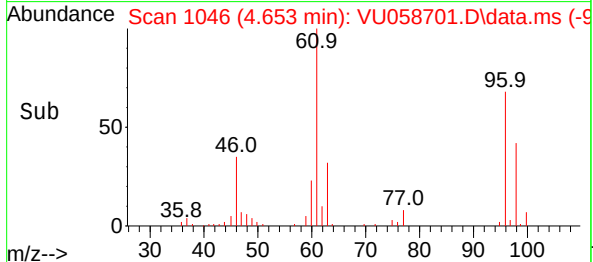
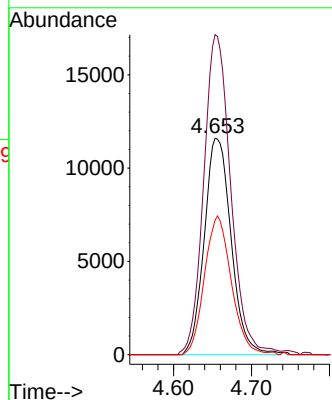
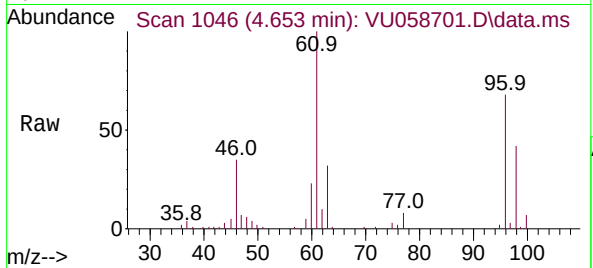
Tgt Ion: 96 Resp: 27832

Ion Ratio Lower Upper

96 100

61 147.8 98.1 182.3

98 64.1 43.6 81.0



#23

Bromochloromethane

Concen: 5.156 ug/L

RT: 4.965 min Scan# 1143

Delta R.T. -0.000 min

Lab File: VU058701.D

Acq: 15 Apr 2024 19:40

Tgt Ion:128 Resp: 11390

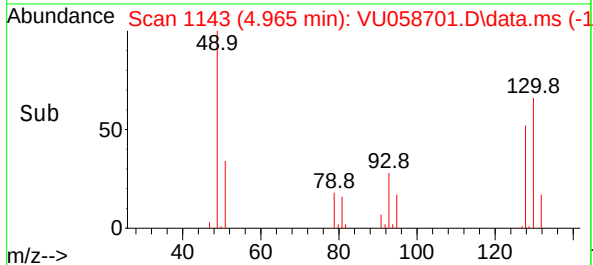
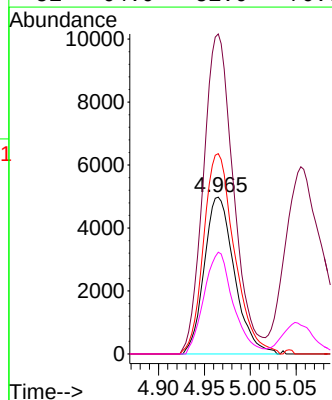
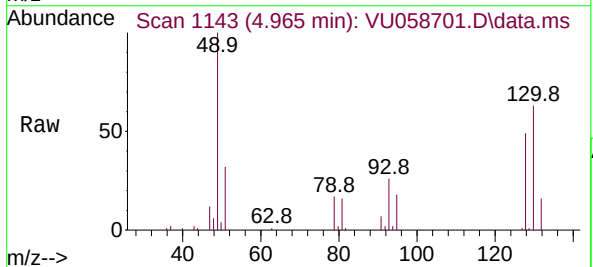
Ion Ratio Lower Upper

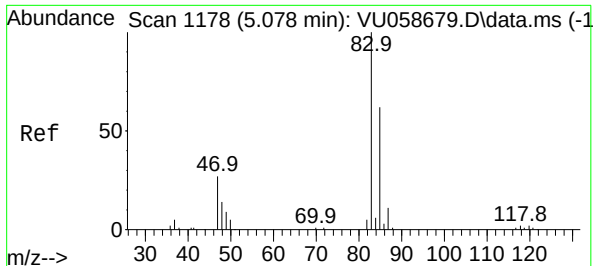
128 100

49 211.7 134.4 249.6

130 127.8 90.0 167.2

51 64.9 51.0 76.6





#25

Chloroform

Concen: 5.360 ug/L

RT: 5.078 min Scan# 1178

Delta R.T. -0.000 min

Lab File: VU058701.D

Acq: 15 Apr 2024 19:40

Instrument :

MSVOA_U

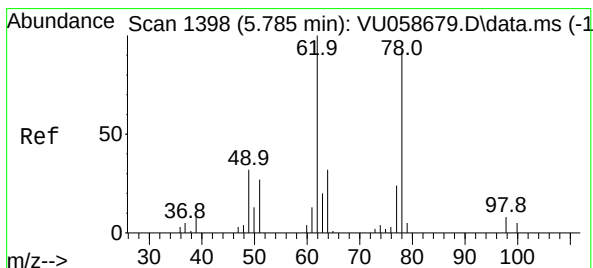
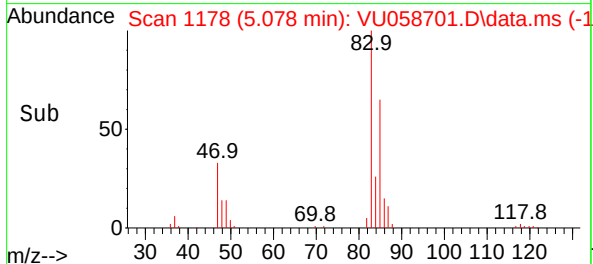
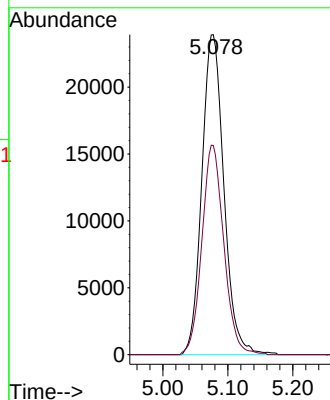
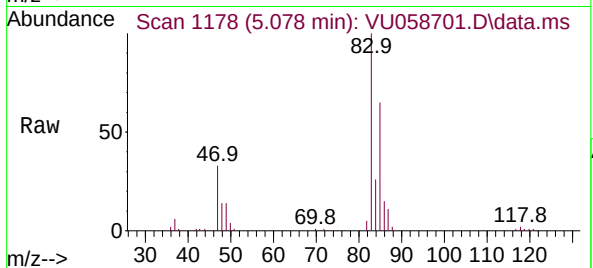
ClientSampleId :

Tgt Ion: 83 Resp: 56537

Ion Ratio Lower Upper

83 100

85 65.4 44.7 83.1



#27

1,2-Dichloroethane

Concen: 5.345 ug/L

RT: 5.785 min Scan# 1398

Delta R.T. -0.000 min

Lab File: VU058701.D

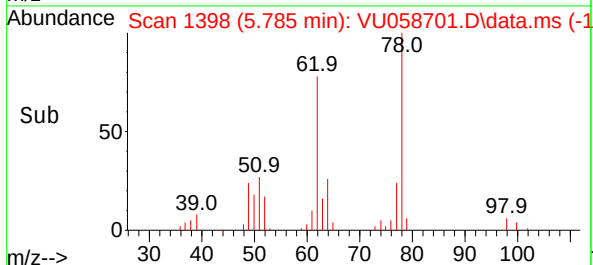
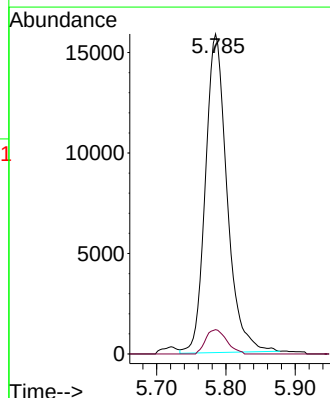
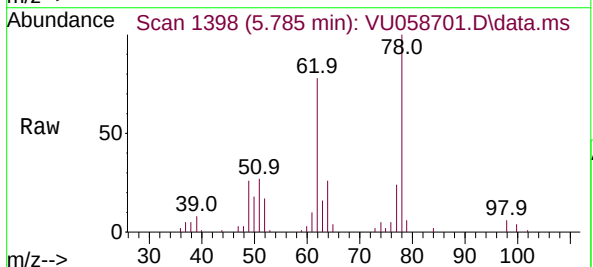
Acq: 15 Apr 2024 19:40

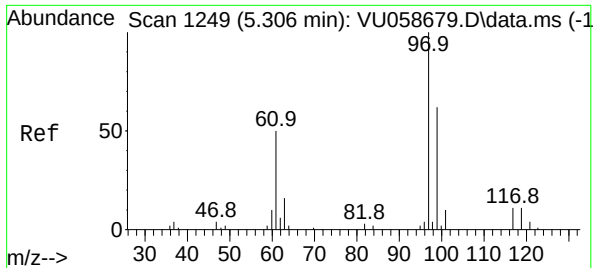
Tgt Ion: 62 Resp: 34326

Ion Ratio Lower Upper

62 100

98 7.6 7.0 10.4



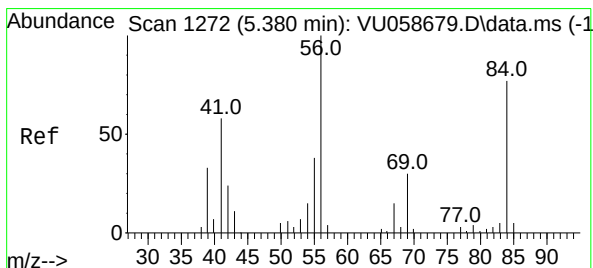
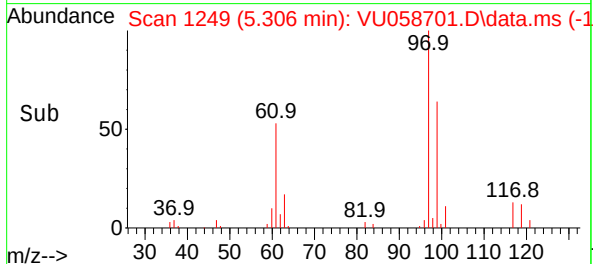
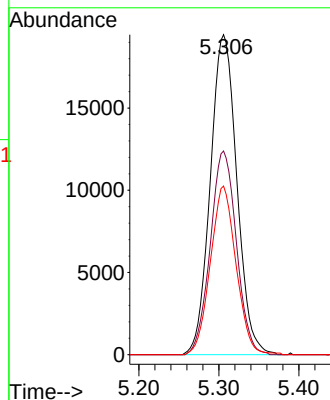
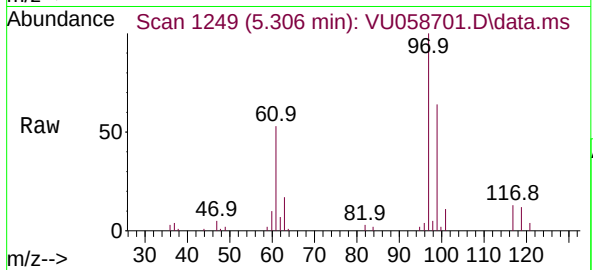


#29
1,1,1-Trichloroethane
Concen: 5.070 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VU058701.D
Acq: 15 Apr 2024 19:40

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 44890

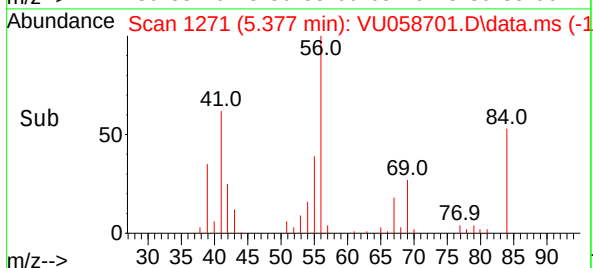
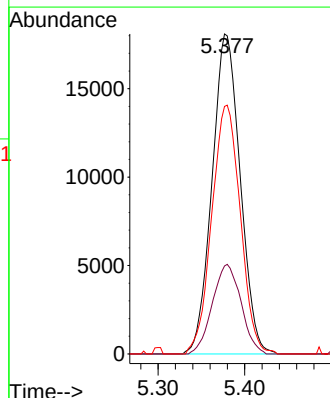
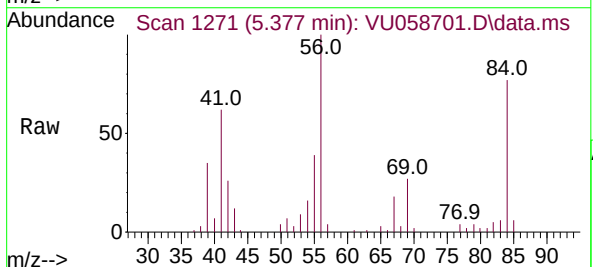
Ion	Ratio	Lower	Upper
97	100		
99	62.5	50.4	75.6
61	51.0	39.4	59.0

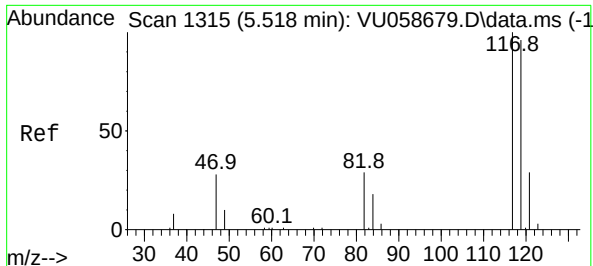


#30
Cyclohexane
Concen: 4.367 ug/L
RT: 5.377 min Scan# 1271
Delta R.T. -0.003 min
Lab File: VU058701.D
Acq: 15 Apr 2024 19:40

Tgt Ion: 56 Resp: 40842

Ion	Ratio	Lower	Upper
56	100		
69	28.5	23.2	34.8
84	78.9	63.3	94.9





#31

Carbon tetrachloride

Concen: 5.022 ug/L

RT: 5.515 min Scan# 1315

Delta R.T. -0.003 min

Lab File: VU058701.D

Acq: 15 Apr 2024 19:40

Instrument :

MSVOA_U

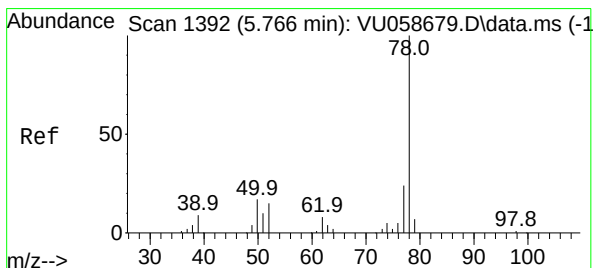
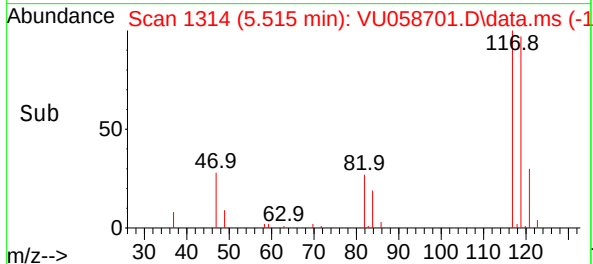
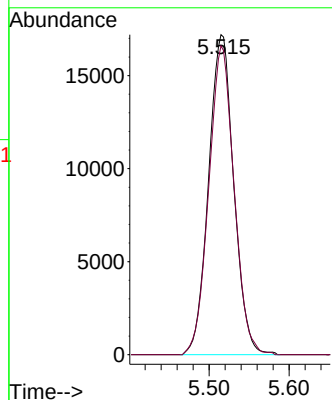
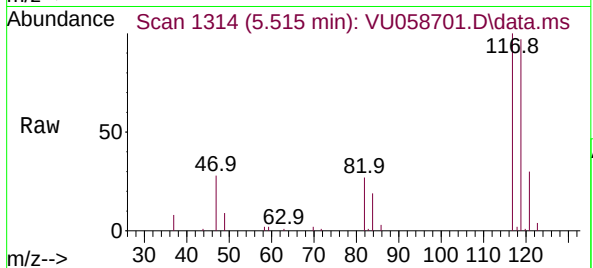
ClientSampleId :

Tgt Ion:117 Resp: 37658

Ion Ratio Lower Upper

117 100

119 96.7 76.7 115.1



#33

Benzene

Concen: 4.959 ug/L

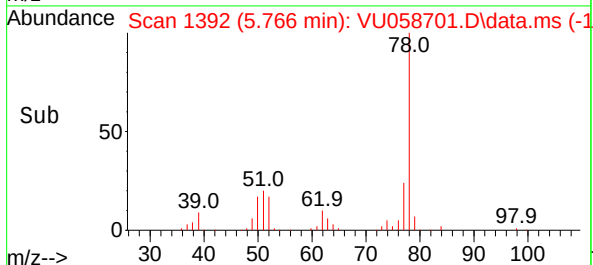
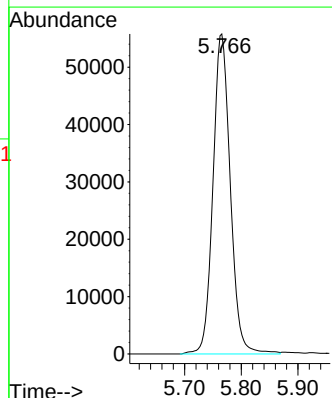
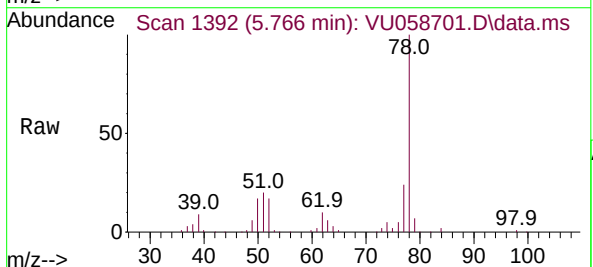
RT: 5.766 min Scan# 1392

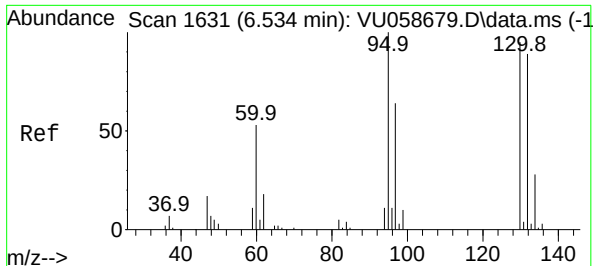
Delta R.T. -0.000 min

Lab File: VU058701.D

Acq: 15 Apr 2024 19:40

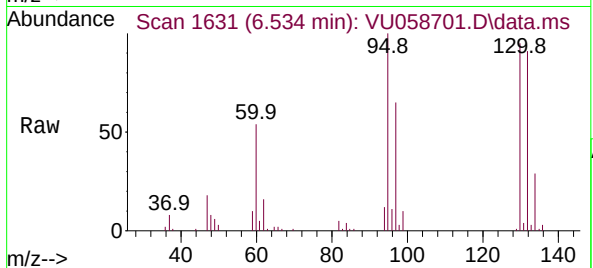
Tgt Ion: 78 Resp: 118727





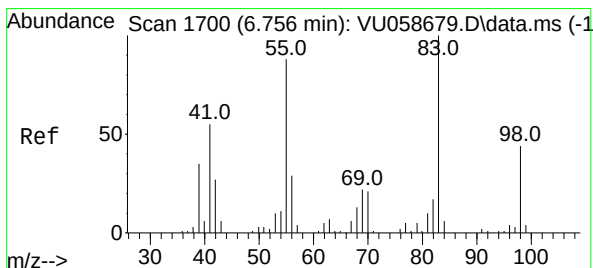
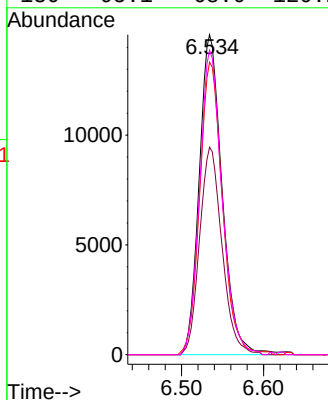
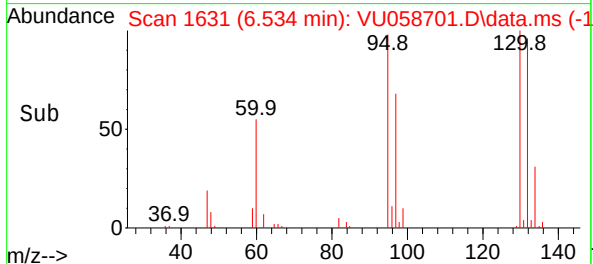
#34
Trichloroethene
Concen: 4.672 ug/L
RT: 6.534 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU058701.D
Acq: 15 Apr 2024 19:40

Instrument :
MSVOA_U
ClientSampleId :

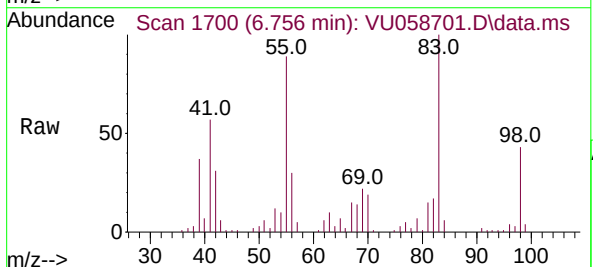


Tgt Ion: 95 Resp: 28196

Ion	Ratio	Lower	Upper
95	100		
97	64.8	45.6	84.6
132	91.4	64.8	120.3
130	95.1	68.0	126.2

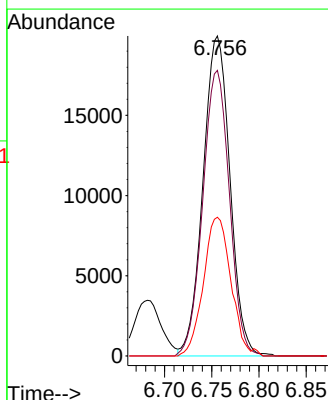
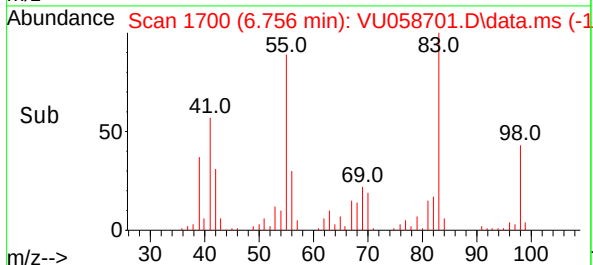


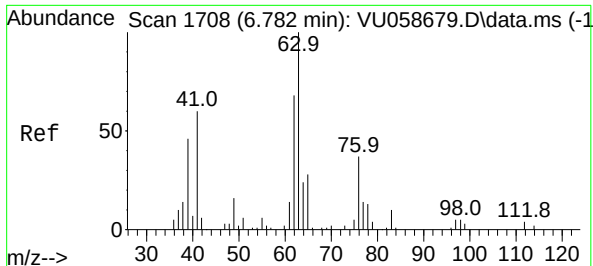
#35
Methylcyclohexane
Concen: 4.354 ug/L
RT: 6.756 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VU058701.D
Acq: 15 Apr 2024 19:40



Tgt Ion: 83 Resp: 39590

Ion	Ratio	Lower	Upper
83	100		
55	88.2	66.2	99.4
98	44.3	34.6	52.0

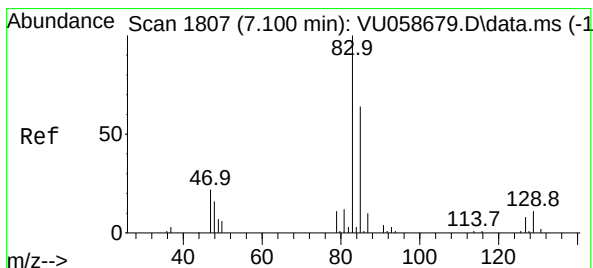
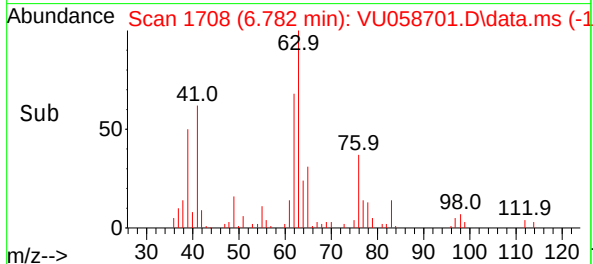
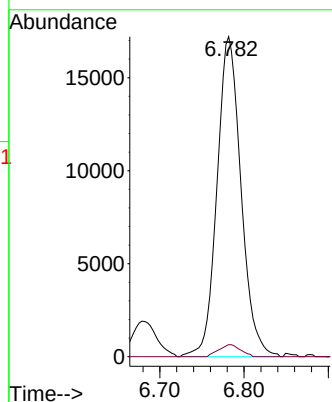
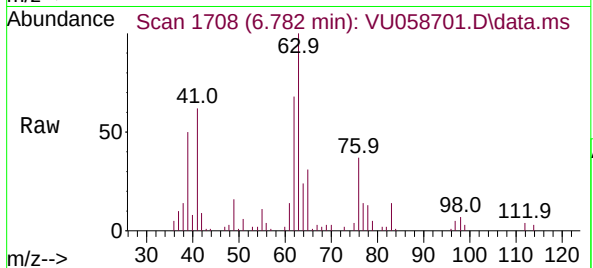




#37
1,2-Dichloropropane
Concen: 5.403 ug/L
RT: 6.782 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU058701.D
Acq: 15 Apr 2024 19:40

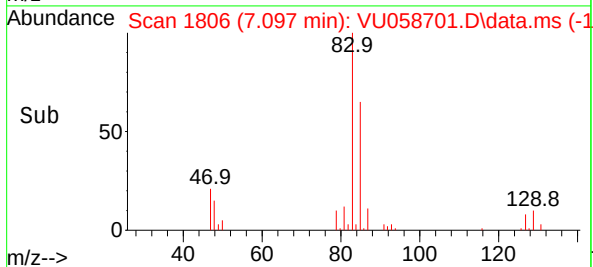
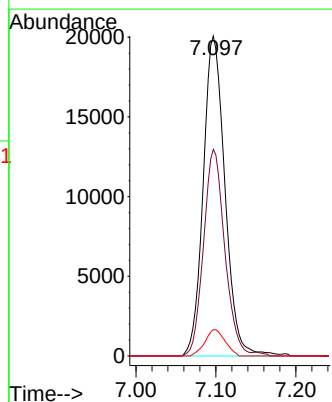
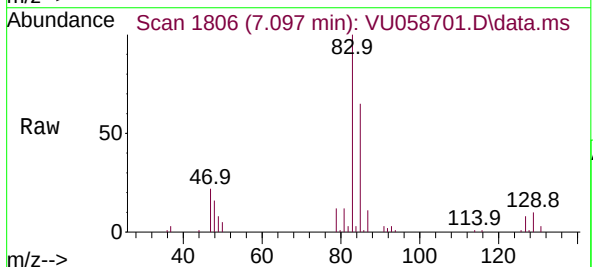
Instrument :
MSVOA_U
ClientSampleId :

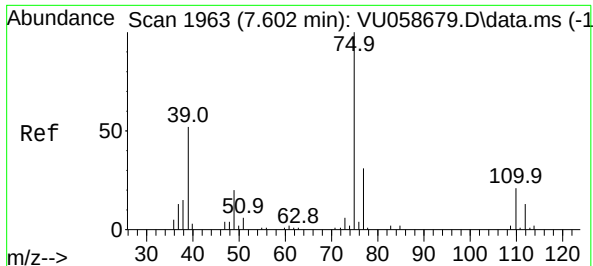
Tgt Ion: 63 Resp: 34029
Ion Ratio Lower Upper
63 100
112 3.4 2.6 4.0



#38
Bromodichloromethane
Concen: 5.277 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. -0.003 min
Lab File: VU058701.D
Acq: 15 Apr 2024 19:40

Tgt Ion: 83 Resp: 37935
Ion Ratio Lower Upper
83 100
85 64.5 44.2 82.2
127 8.2 6.5 9.7

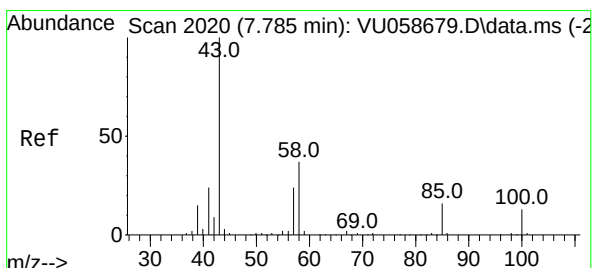
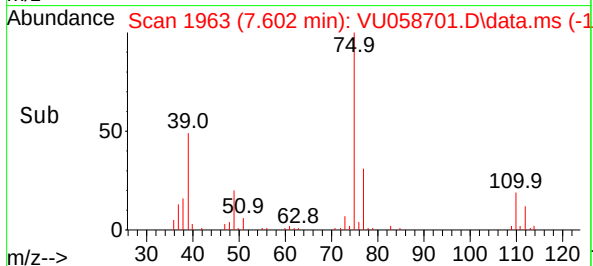
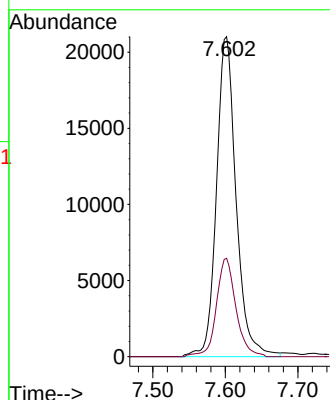
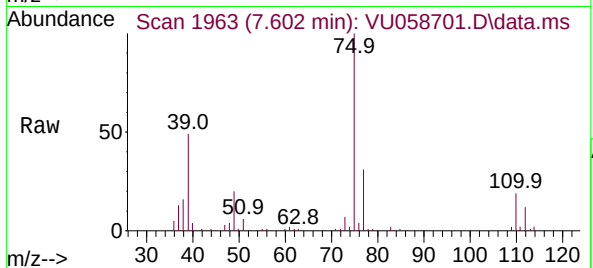




#39
 cis-1,3-Dichloropropene
 Concen: 4.935 ug/L
 RT: 7.602 min Scan# 1963
 Delta R.T. -0.000 min
 Lab File: VU058701.D
 Acq: 15 Apr 2024 19:40

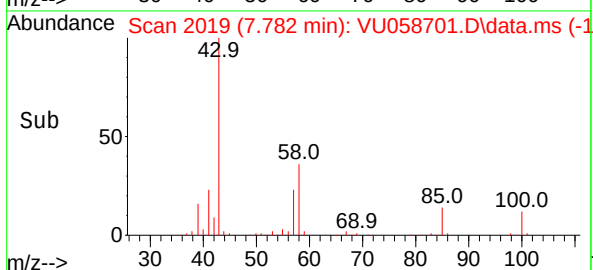
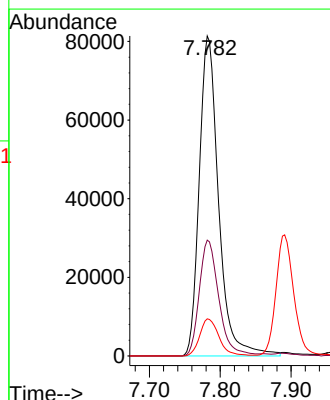
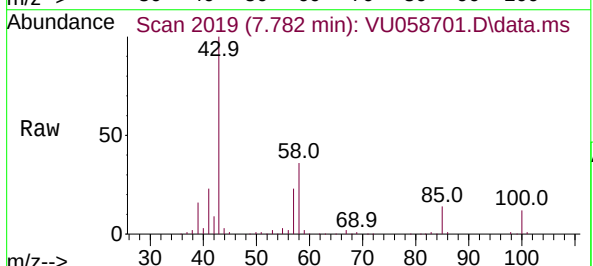
Instrument :
 MSVOA_U
 ClientSampleId :

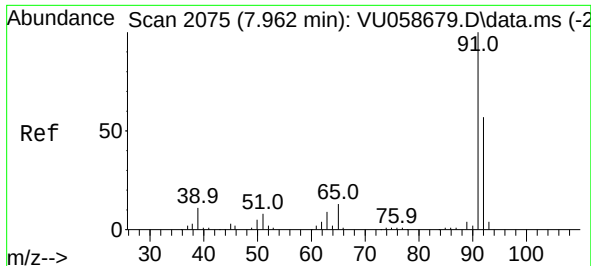
Tgt Ion: 75 Resp: 39528
 Ion Ratio Lower Upper
 75 100
 77 30.8 22.7 42.3



#40
 4-Methyl-2-pentanone
 Concen: 52.043 ug/L
 RT: 7.782 min Scan# 2019
 Delta R.T. -0.003 min
 Lab File: VU058701.D
 Acq: 15 Apr 2024 19:40

Tgt Ion: 43 Resp: 154294
 Ion Ratio Lower Upper
 43 100
 58 36.4 30.4 45.6
 100 11.6 10.3 15.5





#42

Toluene

Concen: 4.848 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. -0.000 min

Lab File: VU058701.D

Acq: 15 Apr 2024 19:40

Instrument :

MSVOA_U

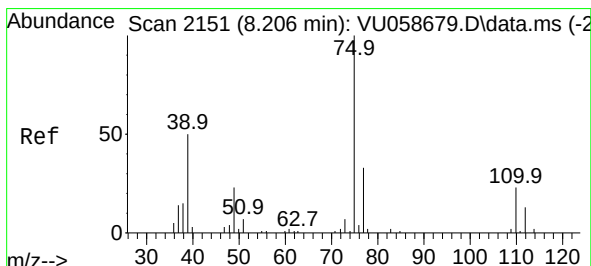
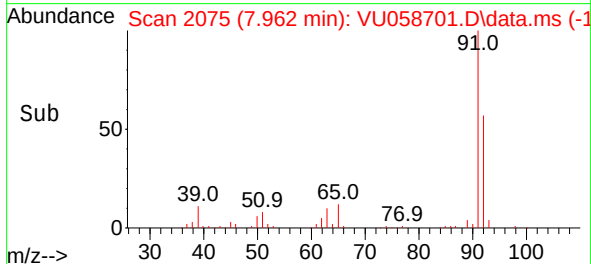
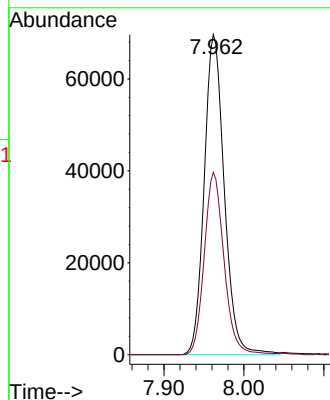
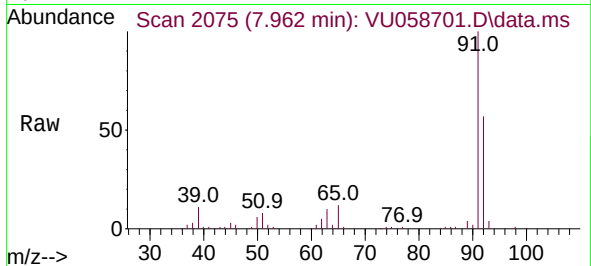
ClientSampleId :

Tgt Ion: 91 Resp: 121724

Ion Ratio Lower Upper

91 100

92 57.0 39.5 73.3



#44

trans-1,3-Dichloropropene

Concen: 5.063 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. -0.003 min

Lab File: VU058701.D

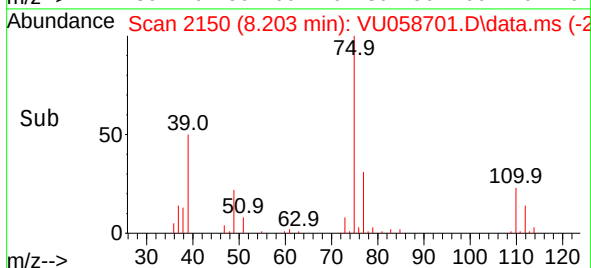
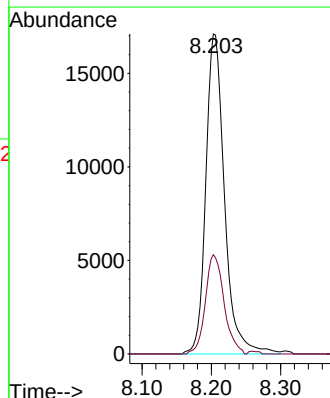
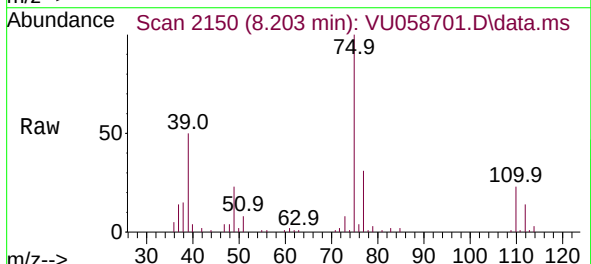
Acq: 15 Apr 2024 19:40

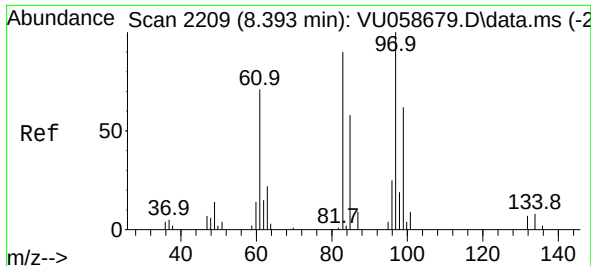
Tgt Ion: 75 Resp: 31979

Ion Ratio Lower Upper

75 100

77 31.0 22.2 41.2





#45

1,1,2-Trichloroethane

Concen: 5.142 ug/L

RT: 8.393 min Scan# 2209

Delta R.T. -0.000 min

Lab File: VU058701.D

Acq: 15 Apr 2024 19:40

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 97 Resp: 18915

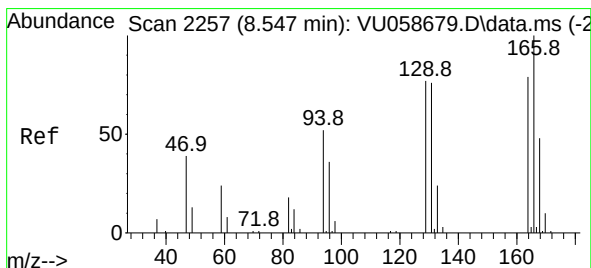
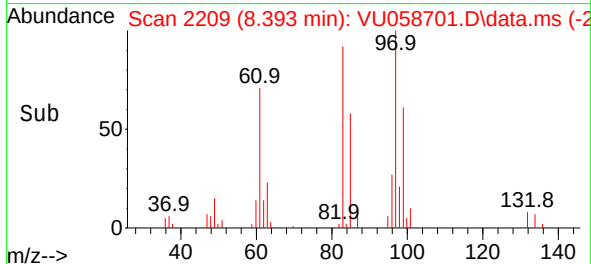
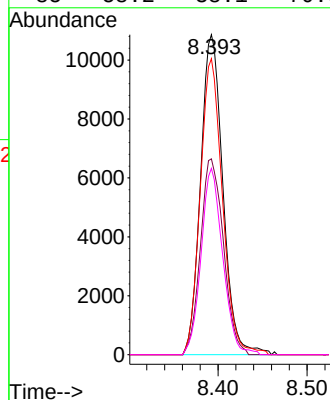
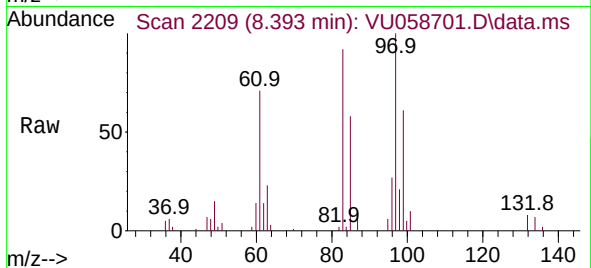
Ion Ratio Lower Upper

97 100

99 61.2 43.7 81.1

83 92.5 64.5 119.7

85 58.2 38.1 70.9



#47

Tetrachloroethene

Concen: 4.513 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. -0.000 min

Lab File: VU058701.D

Acq: 15 Apr 2024 19:40

Tgt Ion: 164 Resp: 19967

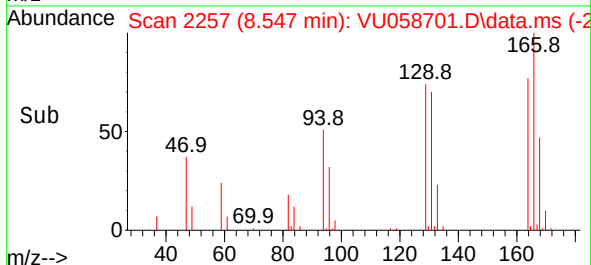
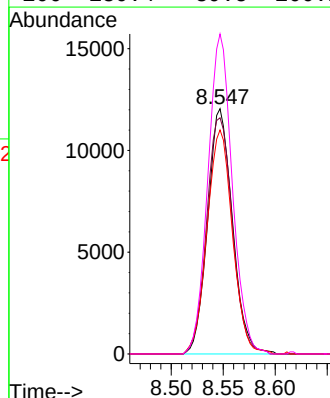
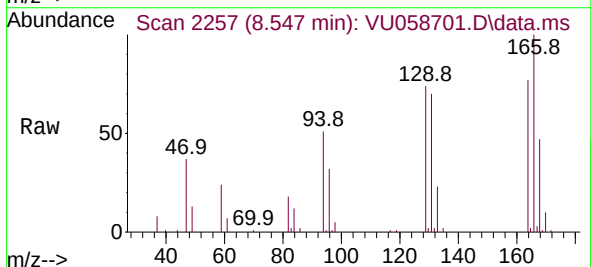
Ion Ratio Lower Upper

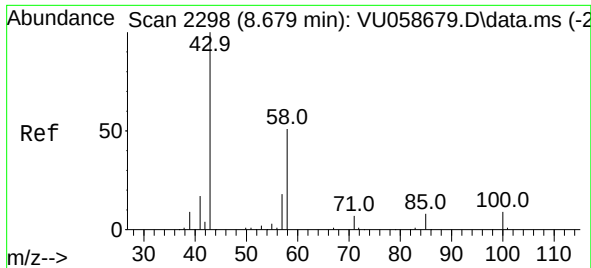
164 100

129 96.3 67.3 125.1

131 91.3 65.5 121.6

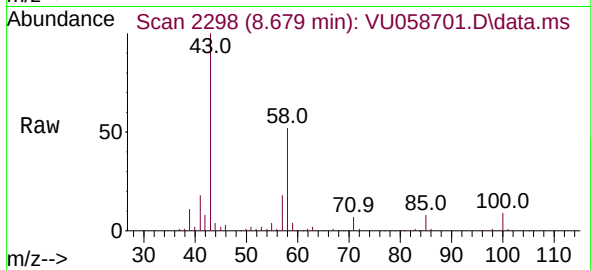
166 130.4 89.5 166.1



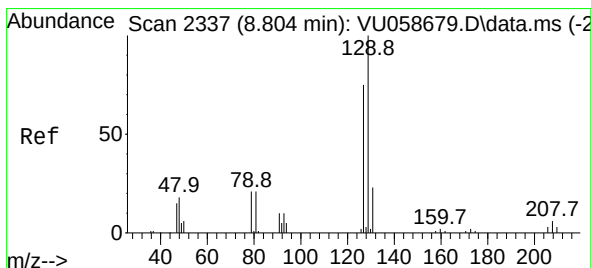
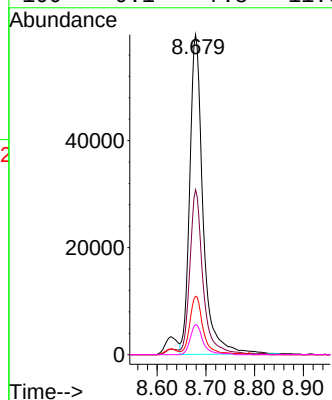
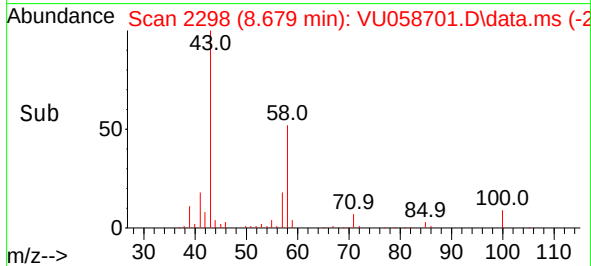


#48
2-Hexanone
Concen: 53.900 ug/L
RT: 8.679 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU058701.D
Acq: 15 Apr 2024 19:40

Instrument :
MSVOA_U
ClientSampleId :

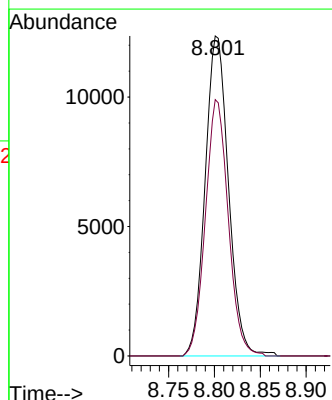
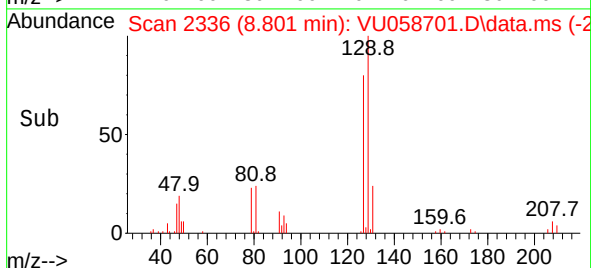
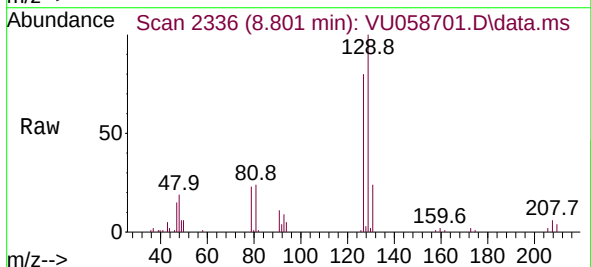


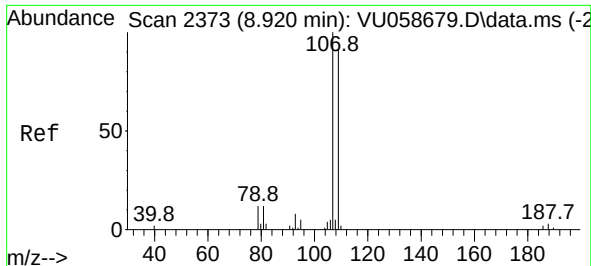
Tgt Ion: 43 Resp: 113444
Ion Ratio Lower Upper
43 100
58 50.0 43.2 64.8
57 17.9 15.4 23.0
100 9.1 7.8 11.6



#49
Dibromochloromethane
Concen: 5.143 ug/L
RT: 8.801 min Scan# 2336
Delta R.T. -0.003 min
Lab File: VU058701.D
Acq: 15 Apr 2024 19:40

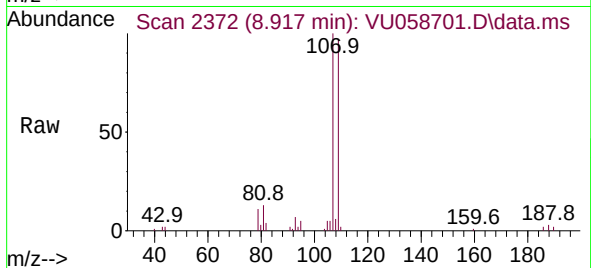
Tgt Ion: 129 Resp: 21873
Ion Ratio Lower Upper
129 100
127 80.1 53.5 99.5



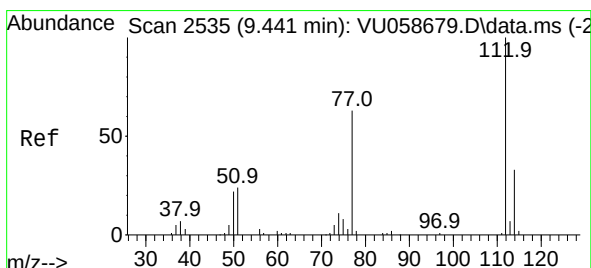
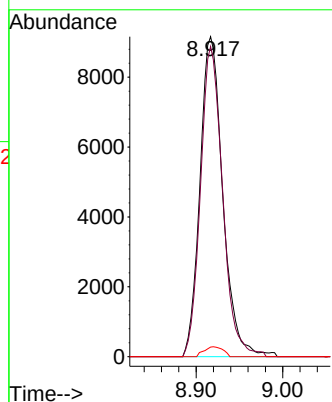
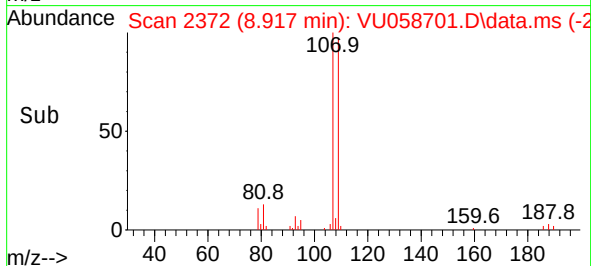


#50
1,2-Dibromoethane
Concen: 4.982 ug/L
RT: 8.917 min Scan# 2372
Delta R.T. -0.003 min
Lab File: VU058701.D
Acq: 15 Apr 2024 19:40

Instrument :
MSVOA_U
ClientSampleId :

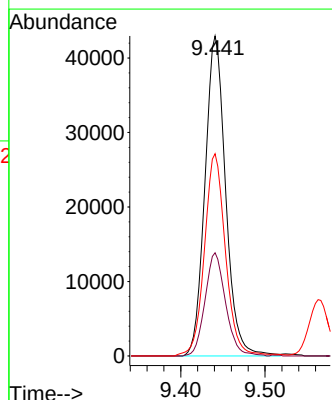
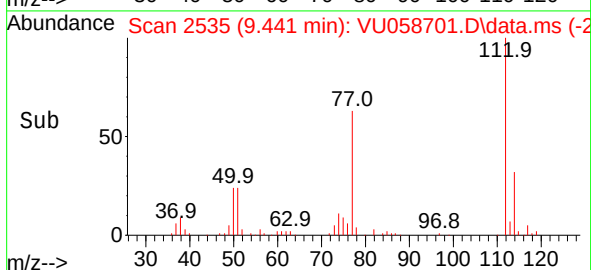
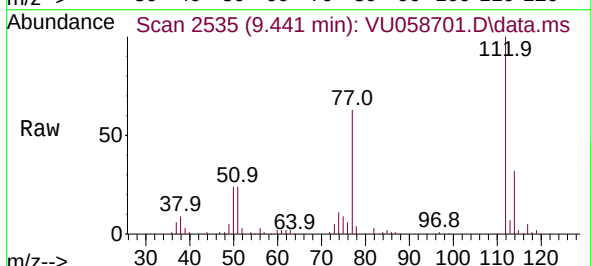


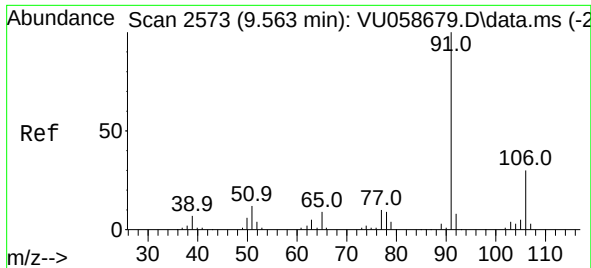
Tgt Ion:107 Resp: 16761
Ion Ratio Lower Upper
107 100
109 97.0 67.3 124.9
188 3.0 2.5 3.7



#51
Chlorobenzene
Concen: 4.837 ug/L
RT: 9.441 min Scan# 2535
Delta R.T. -0.000 min
Lab File: VU058701.D
Acq: 15 Apr 2024 19:40

Tgt Ion:112 Resp: 73496
Ion Ratio Lower Upper
112 100
114 32.2 22.4 41.6
77 63.2 50.1 75.1

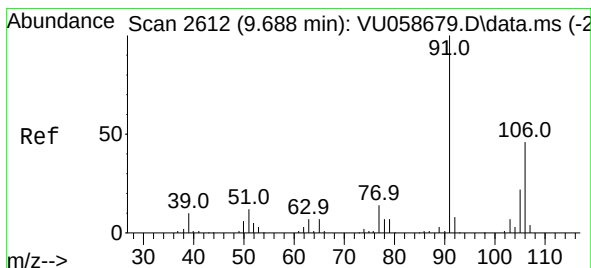
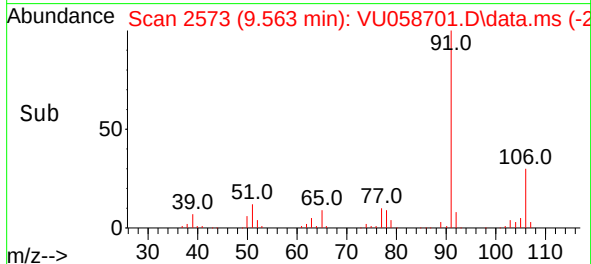
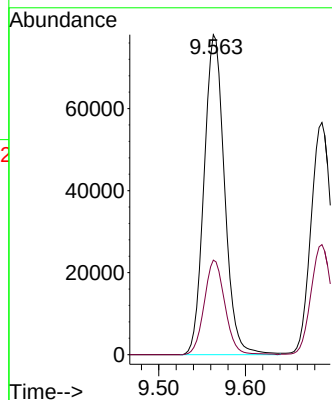
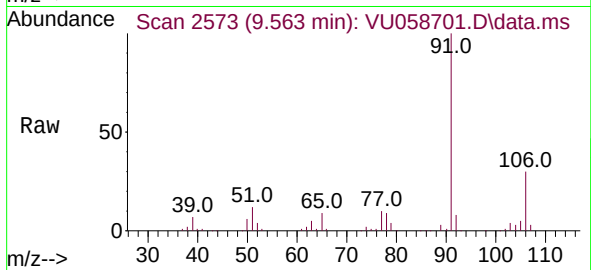




#52
Ethylbenzene
Concen: 4.820 ug/L
RT: 9.563 min Scan# 2573
Delta R.T. -0.000 min
Lab File: VU058701.D
Acq: 15 Apr 2024 19:40

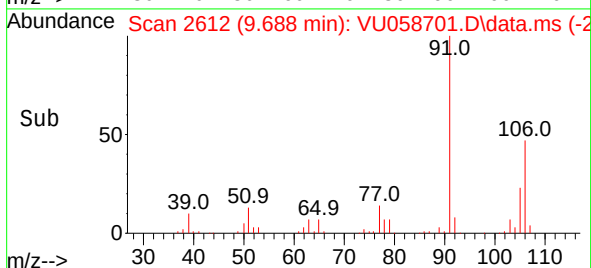
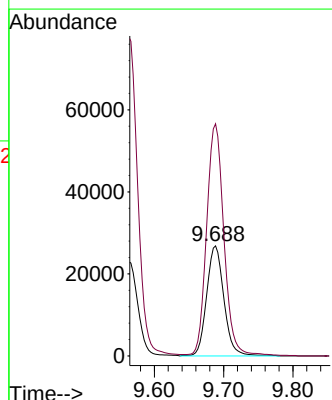
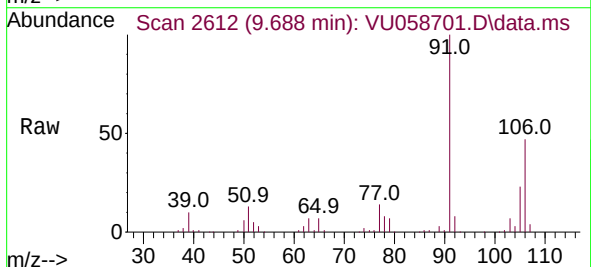
Instrument :
MSVOA_U
ClientSampleId :

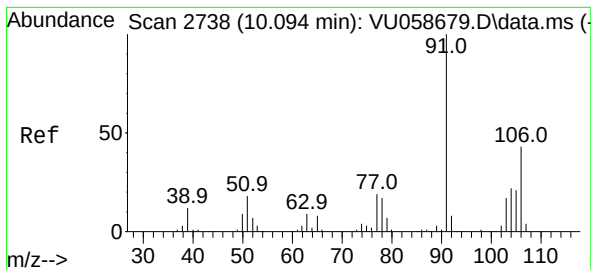
Tgt Ion: 91 Resp: 128216
Ion Ratio Lower Upper
91 100
106 29.6 20.6 38.4



#53
m,p-Xylene
Concen: 4.869 ug/L
RT: 9.688 min Scan# 2612
Delta R.T. -0.000 min
Lab File: VU058701.D
Acq: 15 Apr 2024 19:40

Tgt Ion: 106 Resp: 46385
Ion Ratio Lower Upper
106 100
91 210.7 147.8 274.4





#54

o-Xylene

Concen: 4.773 ug/L

RT: 10.093 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU058701.D

Acq: 15 Apr 2024 19:40

Instrument :

MSVOA_U

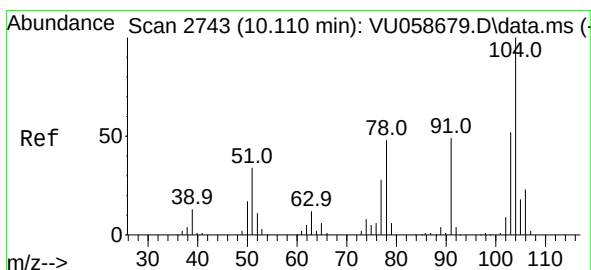
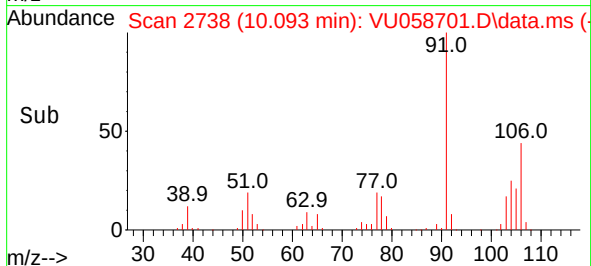
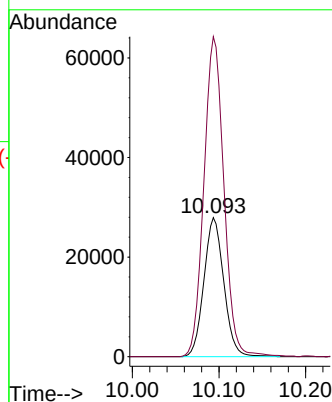
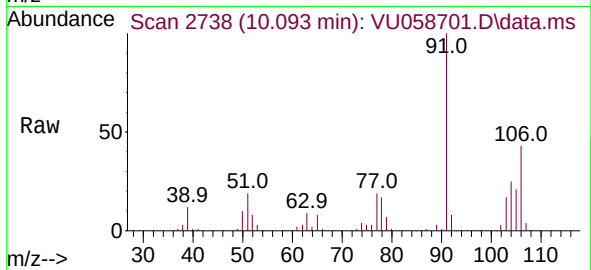
ClientSampleId :

Tgt Ion:106 Resp: 44578

Ion Ratio Lower Upper

106 100

91 230.2 156.9 291.5



#55

Styrene

Concen: 5.053 ug/L

RT: 10.110 min Scan# 2743

Delta R.T. -0.000 min

Lab File: VU058701.D

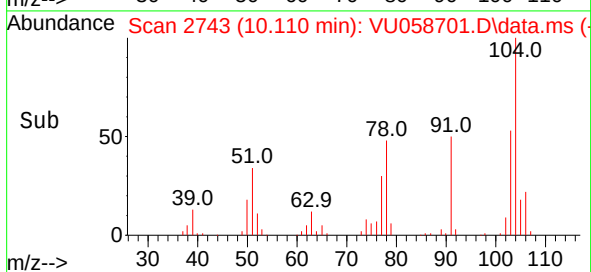
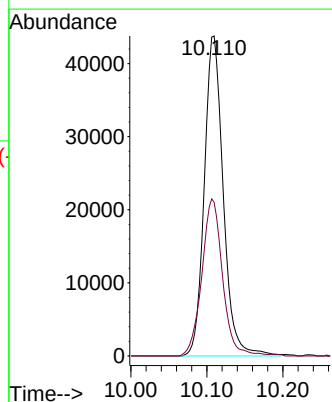
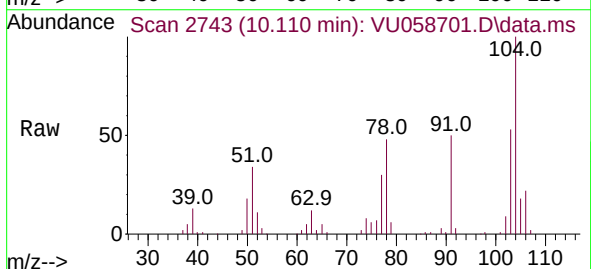
Acq: 15 Apr 2024 19:40

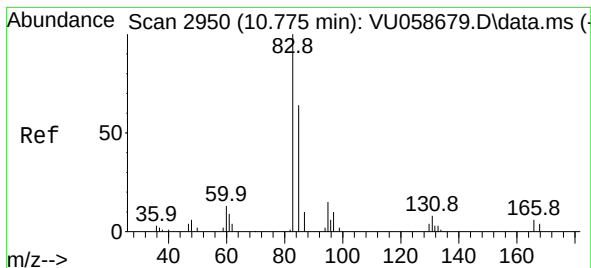
Tgt Ion:104 Resp: 75923

Ion Ratio Lower Upper

104 100

78 48.0 33.9 63.0





#57

1,1,2,2-Tetrachloroethane

Concen: 5.296 ug/L

RT: 10.775 min Scan# 2950

Delta R.T. -0.000 min

Lab File: VU058701.D

Acq: 15 Apr 2024 19:40

Instrument :

MSVOA_U

ClientSampleId :

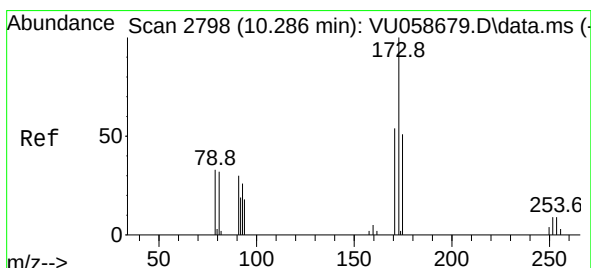
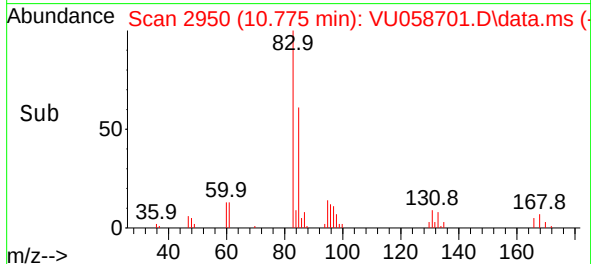
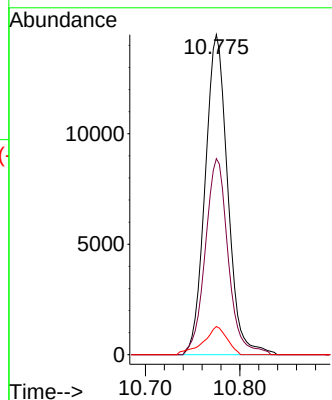
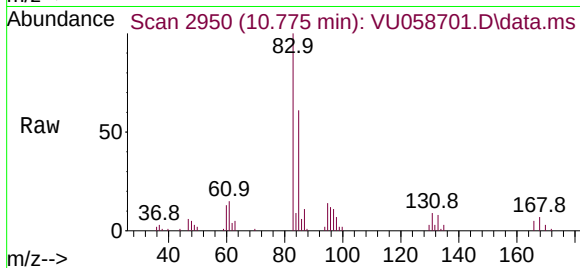
Tgt Ion: 83 Resp: 24031

Ion Ratio Lower Upper

83 100

85 61.2 45.1 83.7

131 8.8 6.9 10.3



#59

Bromoform

Concen: 5.197 ug/L

RT: 10.283 min Scan# 2797

Delta R.T. -0.003 min

Lab File: VU058701.D

Acq: 15 Apr 2024 19:40

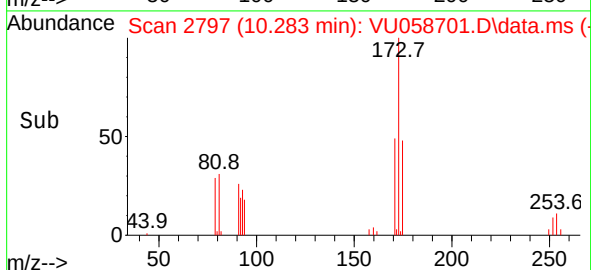
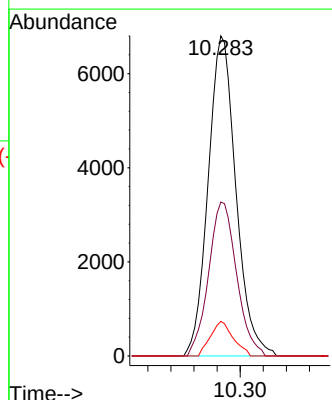
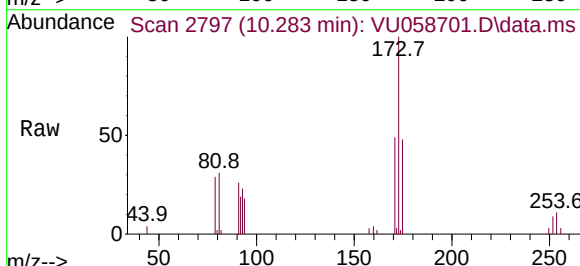
Tgt Ion:173 Resp: 11365

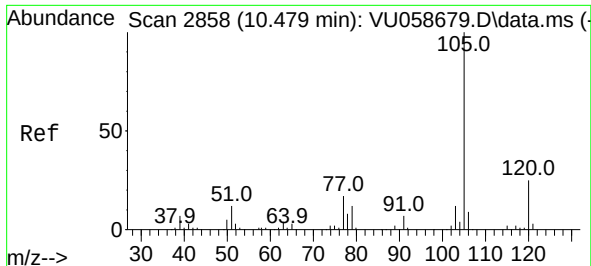
Ion Ratio Lower Upper

173 100

175 48.4 38.0 57.0

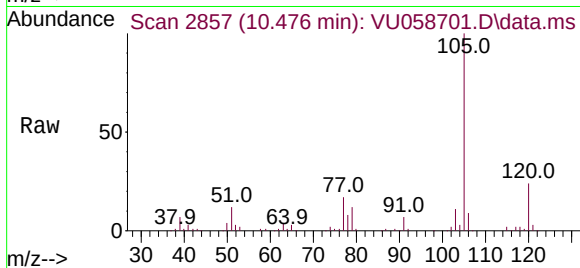
254 8.8 7.5 11.3



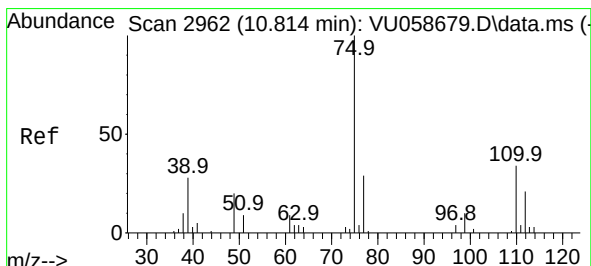
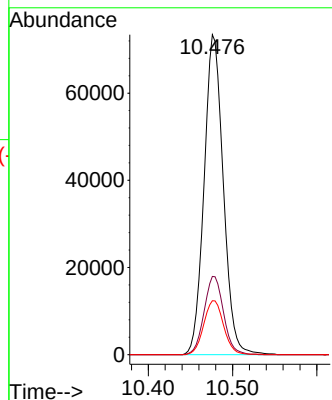
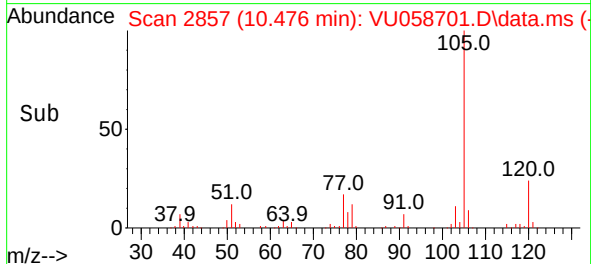


#60
Isopropylbenzene
Concen: 4.868 ug/L
RT: 10.476 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU058701.D
Acq: 15 Apr 2024 19:40

Instrument :
MSVOA_U
ClientSampleId :

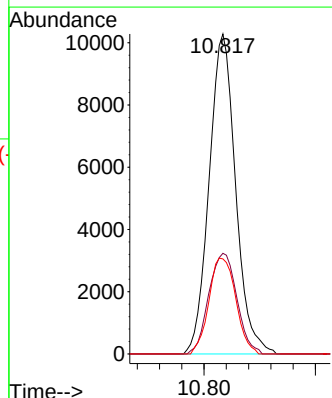
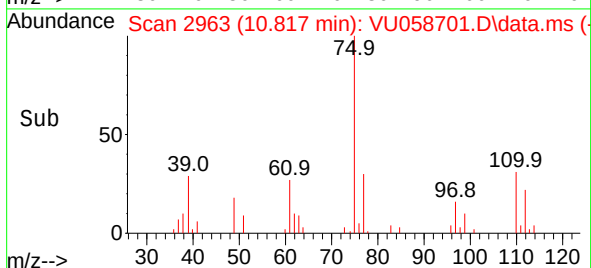
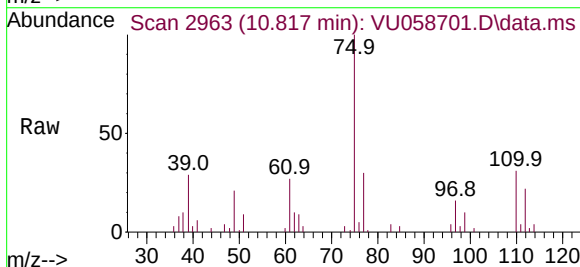


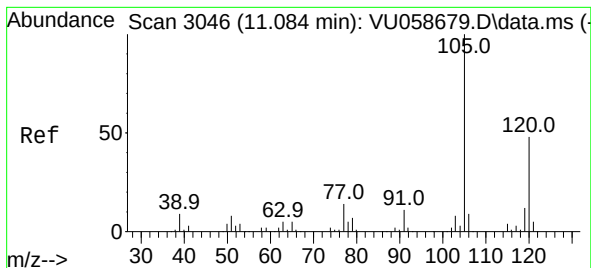
Tgt Ion:105 Resp: 116645
Ion Ratio Lower Upper
105 100
120 24.8 20.2 30.4
77 17.5 13.5 20.3



#61
1,2,3-Trichloropropane
Concen: 5.076 ug/L
RT: 10.817 min Scan# 2963
Delta R.T. 0.003 min
Lab File: VU058701.D
Acq: 15 Apr 2024 19:40

Tgt Ion: 75 Resp: 16950
Ion Ratio Lower Upper
75 100
110 33.3 25.8 38.6
77 30.5 25.1 37.7





#62

1,3,5-Trimethylbenzene

Concen: 4.623 ug/L

RT: 11.081 min Scan# 3046

Delta R.T. -0.003 min

Lab File: VU058701.D

Acq: 15 Apr 2024 19:40

Instrument :

MSVOA_U

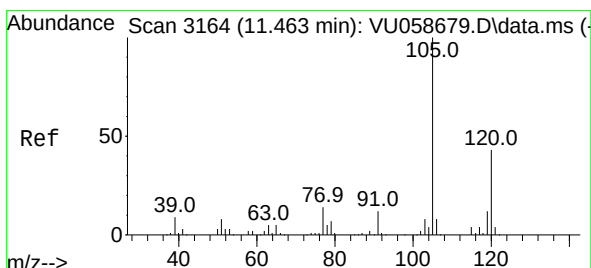
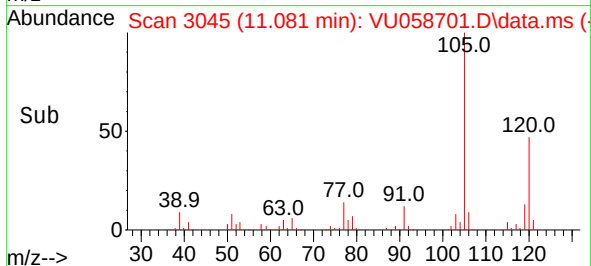
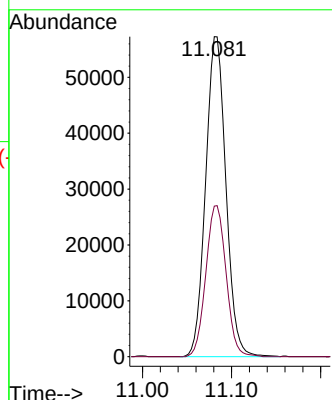
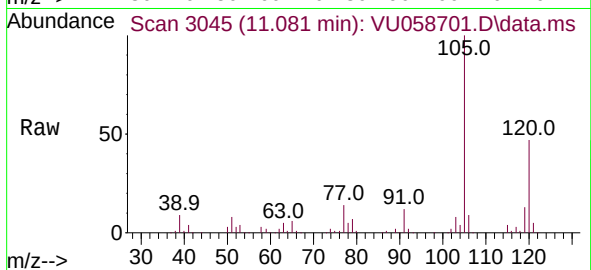
ClientSampleId :

Tgt Ion:105 Resp: 90339

Ion Ratio Lower Upper

105 100

120 47.2 37.2 55.8



#63

1,2,4-Trimethylbenzene

Concen: 4.726 ug/L

RT: 11.463 min Scan# 3164

Delta R.T. -0.000 min

Lab File: VU058701.D

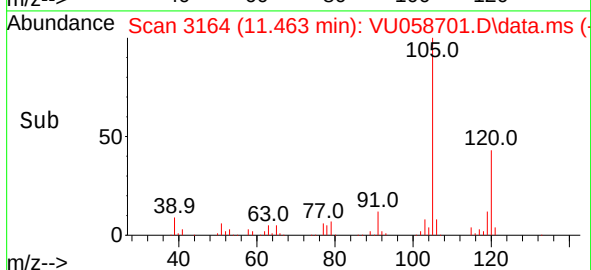
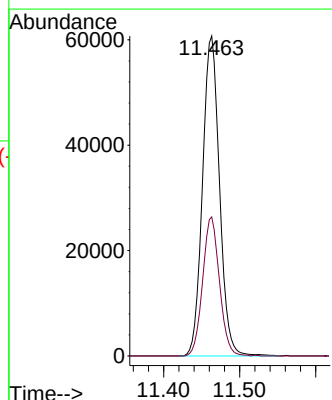
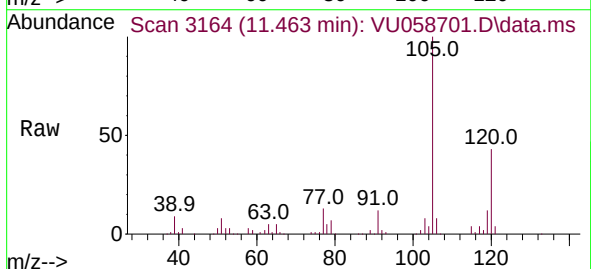
Acq: 15 Apr 2024 19:40

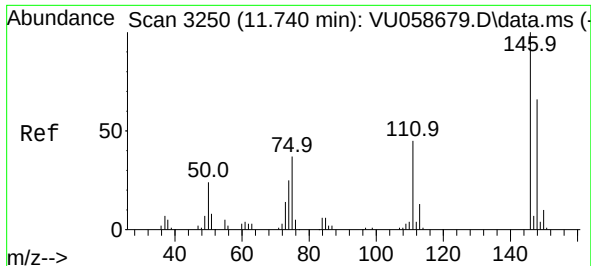
Tgt Ion:105 Resp: 94302

Ion Ratio Lower Upper

105 100

120 42.9 34.7 52.1





#64

1,3-Dichlorobenzene

Concen: 4.817 ug/L

RT: 11.740 min Scan# 3250

Delta R.T. -0.000 min

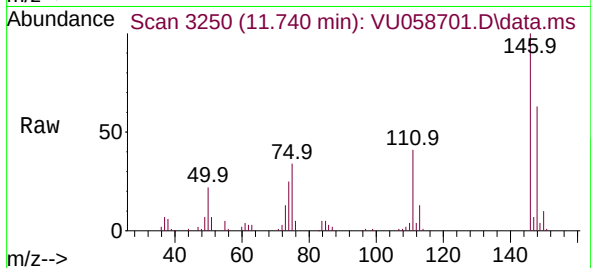
Lab File: VU058701.D

Acq: 15 Apr 2024 19:40

Instrument :

MSVOA_U

ClientSampleId :



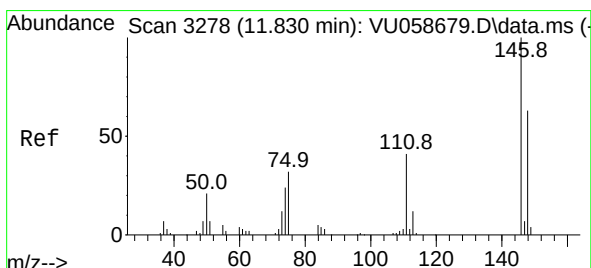
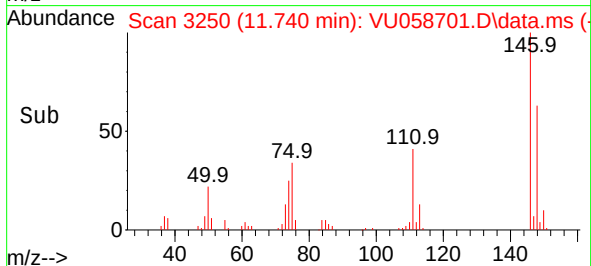
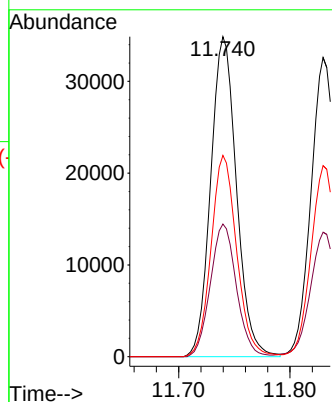
Tgt Ion:146 Resp: 56068

Ion Ratio Lower Upper

146 100

111 41.4 28.8 53.4

148 62.9 44.9 83.3



#65

1,4-Dichlorobenzene

Concen: 4.671 ug/L

RT: 11.830 min Scan# 3278

Delta R.T. -0.000 min

Lab File: VU058701.D

Acq: 15 Apr 2024 19:40

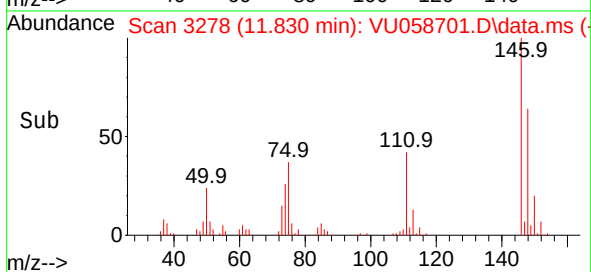
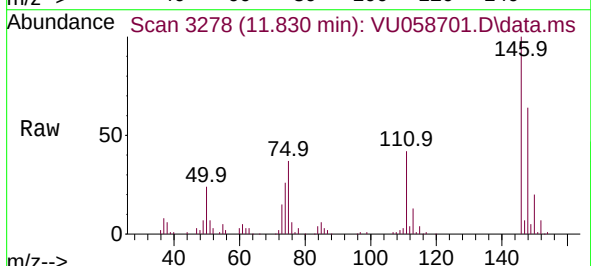
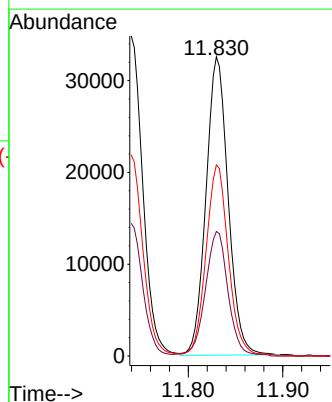
Tgt Ion:146 Resp: 52964

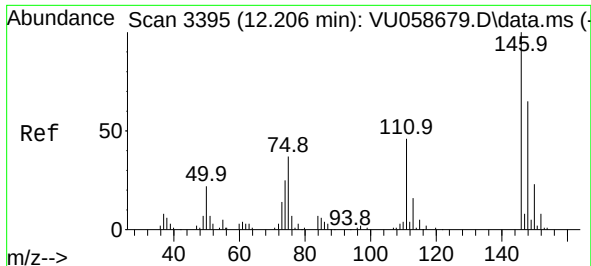
Ion Ratio Lower Upper

146 100

111 41.6 28.8 53.6

148 63.9 45.3 84.1





#67

1,2-Dichlorobenzene

Concen: 4.695 ug/L

RT: 12.206 min Scan# 3395

Delta R.T. -0.000 min

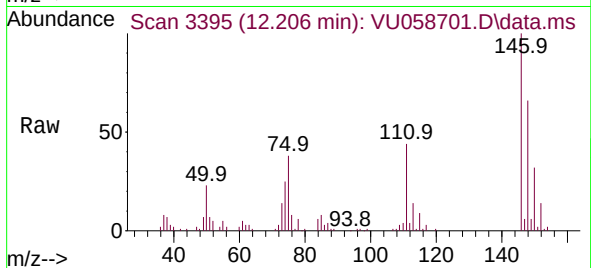
Lab File: VU058701.D

Acq: 15 Apr 2024 19:40

Instrument :

MSVOA_U

ClientSampleId :



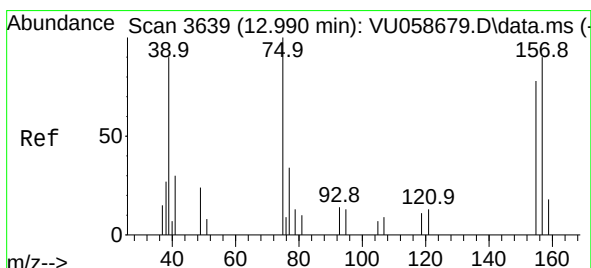
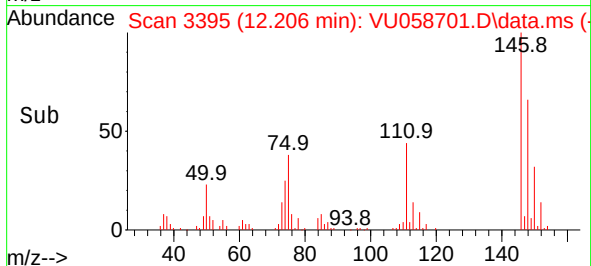
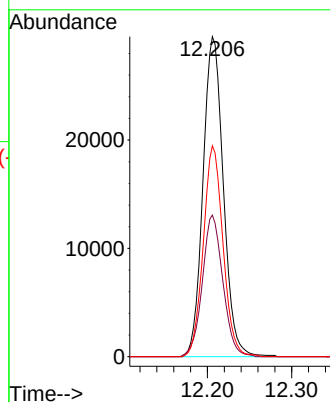
Tgt Ion:146 Resp: 49709

Ion Ratio Lower Upper

146 100

111 44.3 35.0 52.4

148 65.9 52.5 78.7



#68

1,2-Dibromo-3-chloropropane

Concen: 5.670 ug/L

RT: 12.990 min Scan# 3639

Delta R.T. -0.000 min

Lab File: VU058701.D

Acq: 15 Apr 2024 19:40

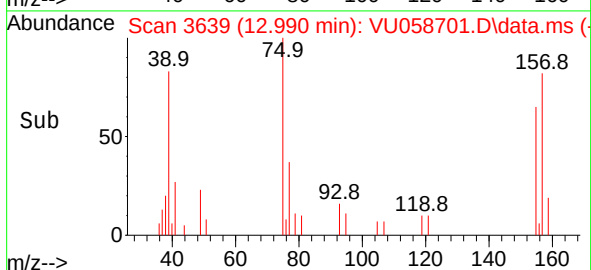
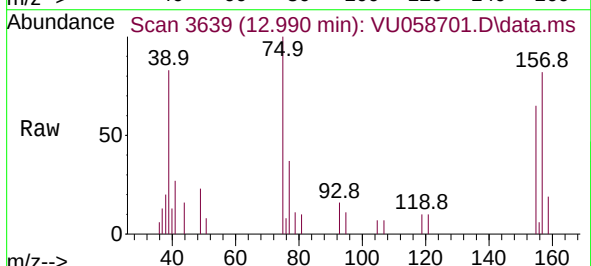
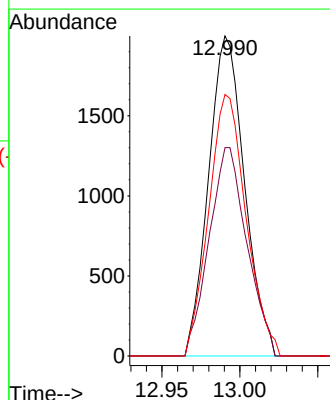
Tgt Ion: 75 Resp: 3211

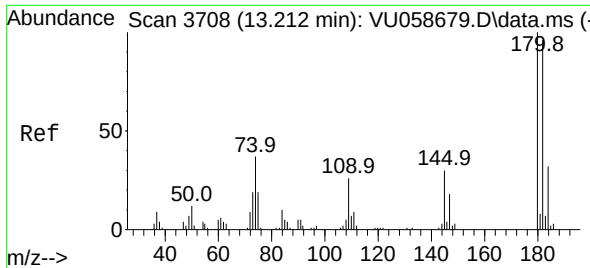
Ion Ratio Lower Upper

75 100

155 65.1 61.4 92.0

157 81.7 81.7 122.5





#69

1,3,5-Trichlorobenzene

Concen: 4.320 ug/L

RT: 13.216 min Scan# 3708

Delta R.T. 0.003 min

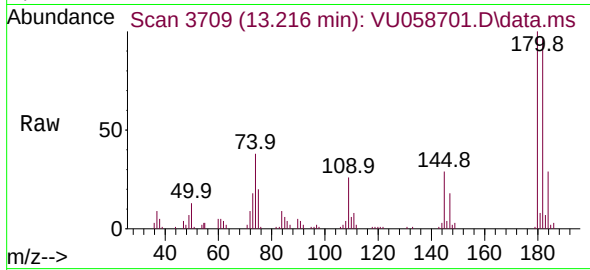
Lab File: VU058701.D

Acq: 15 Apr 2024 19:40

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 37181

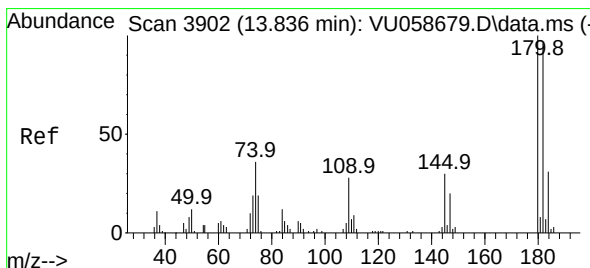
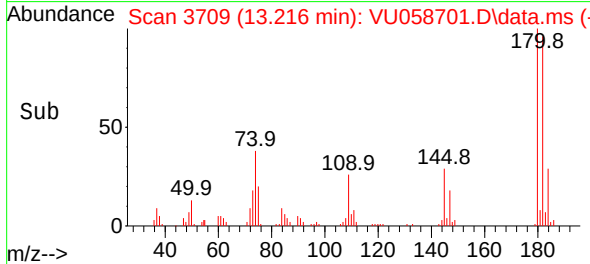
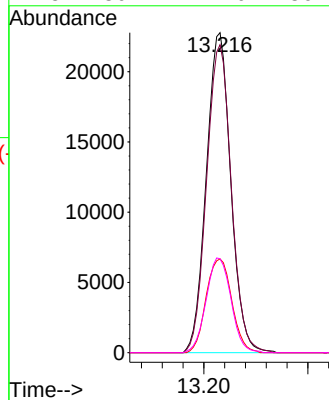
Ion Ratio Lower Upper

180 100

182 97.0 75.7 113.5

184 30.7 24.3 36.5

145 30.1 24.0 36.0



#70

1,2,4-trichlorobenzene

Concen: 3.836 ug/L

RT: 13.836 min Scan# 3902

Delta R.T. -0.000 min

Lab File: VU058701.D

Acq: 15 Apr 2024 19:40

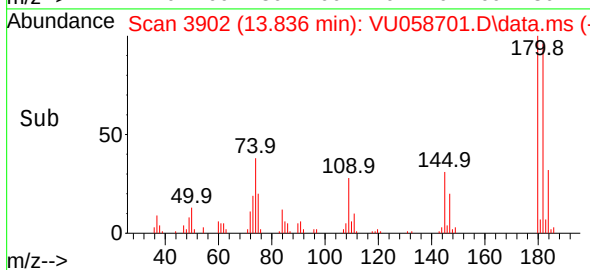
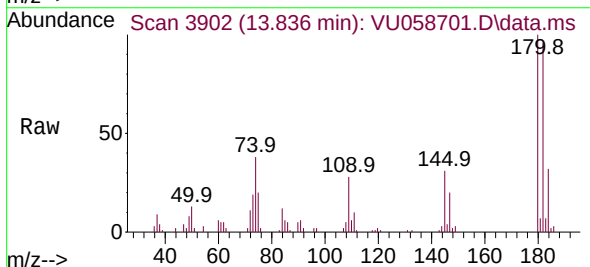
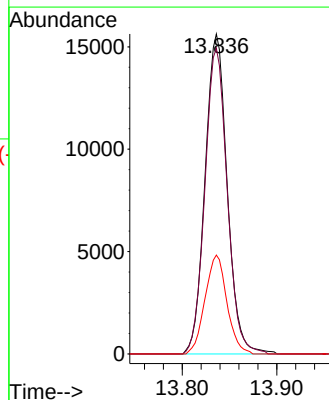
Tgt Ion:180 Resp: 25458

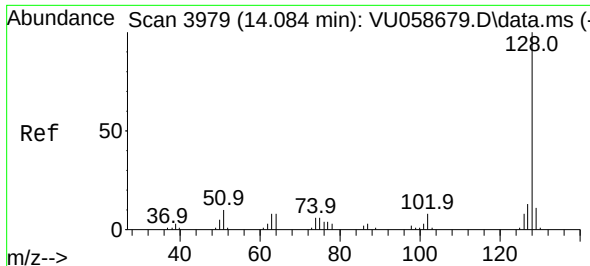
Ion Ratio Lower Upper

180 100

182 96.1 74.4 111.6

145 30.5 24.1 36.1

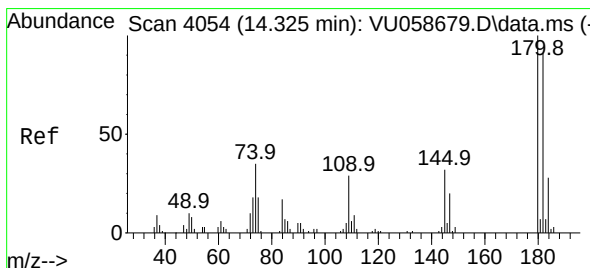
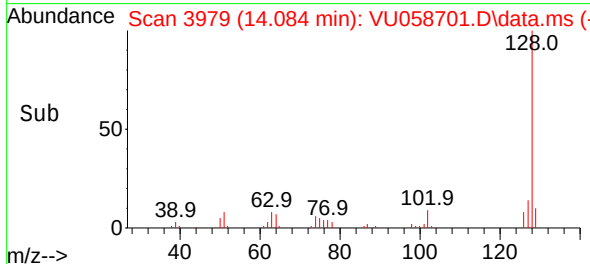
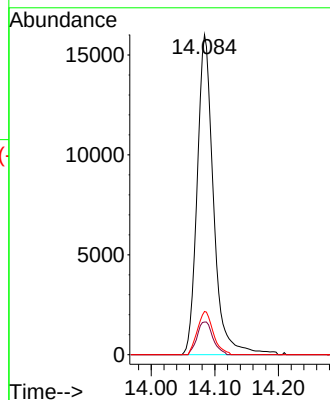
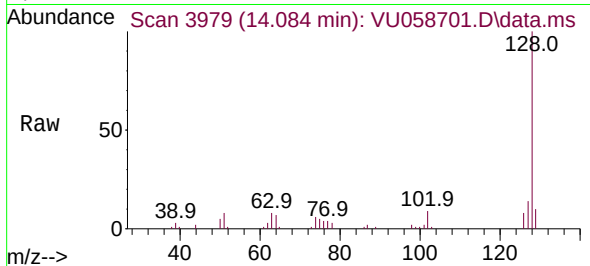




#71
Naphthalene
Concen: 3.140 ug/L
RT: 14.084 min Scan# 3979
Delta R.T. -0.000 min
Lab File: VU058701.D
Acq: 15 Apr 2024 19:40

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 28554
Ion Ratio Lower Upper
128 100
129 9.9 8.6 13.0
127 13.1 11.0 16.6



#72
1,2,3-Trichlorobenzene
Concen: 3.921 ug/L
RT: 14.325 min Scan# 4054
Delta R.T. -0.000 min
Lab File: VU058701.D
Acq: 15 Apr 2024 19:40

Tgt Ion:180 Resp: 21488
Ion Ratio Lower Upper
180 100
182 94.2 75.9 113.9
145 32.0 25.2 37.8

