

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040424\
 Data File : VU058374.D
 Acq On : 04 Apr 2024 17:40
 Operator : MD/SY
 Sample : VSTD005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 04 22:47:04 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Apr 04 22:45:00 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	91375	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	86295	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	41687	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	28735	3.892	ug/L	0.00
7) Chloroethane-d5	1.907	69	24828	4.100	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.560	65	12853	4.161	ug/L	0.00
20) 2-Butanone-d5	4.634	46	61079	45.512	ug/L	0.00
24) Chloroform-d	5.055	84	58666	4.367	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.695	65	27040	4.332	ug/L	0.00
32) Benzene-d6	5.721	84	114791	4.216	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.682	67	35156	4.365	ug/L	0.00
41) Toluene-d8	7.891	98	101485	4.222	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.174	79	11456	4.413	ug/L	0.00
46) 2-Hexanone-d5	8.631	63	44921	42.748	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.749	84	23165	4.373	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.187	152	31352	4.142	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.380	85	37638	8.329	ug/L	100
3) Chloromethane	1.515	50	45187	7.973	ug/L	100
5) Vinyl chloride	1.599	62	44981	7.456	ug/L	100
6) Bromomethane	1.853	94	20926	6.770	ug/L	100
8) Chloroethane	1.927	64	27812	7.193	ug/L	100
9) Trichlorofluoromethane	2.132	101	60623	6.523	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	35912	6.151	ug/L	100
12) 1,1-Dichloroethene	2.573	96	31190	6.288	ug/L	100
13) Acetone	2.657	43	52534	56.249	ug/L	100
14) Carbon disulfide	2.785	76	98403	8.098	ug/L	100
15) Methyl Acetate	2.956	43	12849	6.464	ug/L	100
16) Methylene chloride	3.036	84	40977	5.809	ug/L	100
17) Methyl tert-butyl Ether	3.354	73	74459	5.767	ug/L	100
18) trans-1,2-Dichloroethene	3.348	96	33822	6.477	ug/L	100
19) 1,1-Dichloroethane	3.859	63	71881	6.254	ug/L	100
21) 2-Butanone	4.714	43	79253	56.035	ug/L	100
22) cis-1,2-Dichloroethene	4.657	96	37461	5.992	ug/L	100
23) Bromochloromethane	4.968	128	15096	6.425	ug/L	100
25) Chloroform	5.078	83	70564	5.930	ug/L	100
27) 1,2-Dichloroethane	5.788	62	42706	6.227	ug/L	100
29) 1,1,1-Trichloroethane	5.306	97	57476	6.080	ug/L	100
30) Cyclohexane	5.380	56	60383	6.923	ug/L	100
31) Carbon tetrachloride	5.515	117	49162	6.066	ug/L	100
33) Benzene	5.766	78	154744	6.354	ug/L	100
34) Trichloroethene	6.537	95	38573	6.118	ug/L	100
35) Methylcyclohexane	6.756	83	60443	6.661	ug/L	100
37) 1,2-Dichloropropane	6.782	63	41425	6.128	ug/L	100
38) Bromodichloromethane	7.097	83	46796	6.077	ug/L	100
39) cis-1,3-Dichloropropene	7.602	75	52057	6.121	ug/L	100
40) 4-Methyl-2-pentanone	7.785	43	193573	57.547	ug/L	100
42) Toluene	7.962	91	162104	6.299	ug/L	100
44) trans-1,3-Dichloropropene	8.206	75	41011	6.137	ug/L	100

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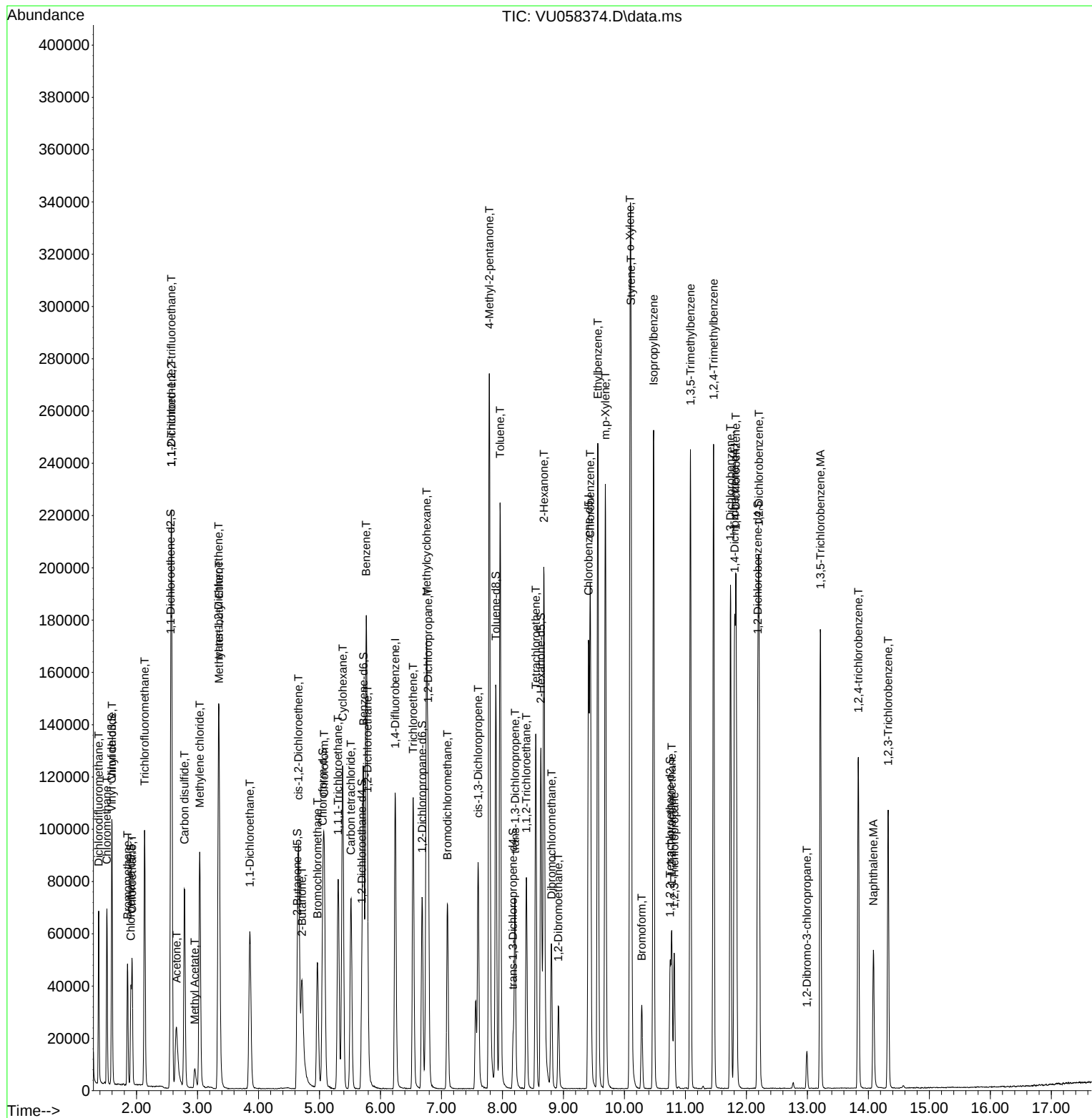
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.393	97	24226	5.784	ug/L	100
47) Tetrachloroethene	8.547	164	28357	6.595	ug/L	100
48) 2-Hexanone	8.679	43	139007	56.577	ug/L	100
49) Dibromochloromethane	8.804	129	27910	6.043	ug/L	100
50) 1,2-Dibromoethane	8.917	107	21370	5.924	ug/L	100
51) Chlorobenzene	9.441	112	97716	5.987	ug/L	100
52) Ethylbenzene	9.563	91	173134	6.081	ug/L	100
53) m,p-Xylene	9.688	106	63691	6.251	ug/L	100
54) o-Xylene	10.094	106	62048	6.095	ug/L	100
55) Styrene	10.110	104	99989	6.188	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.775	83	29005	5.875	ug/L	100
59) Bromoform	10.283	173	14438	6.178	ug/L	100
60) Isopropylbenzene	10.479	105	157370	5.953	ug/L	100
61) 1,2,3-Trichloropropane	10.817	75	21660	5.869	ug/L	100
62) 1,3,5-Trimethylbenzene	11.084	105	128720	5.832	ug/L	100
63) 1,2,4-Trimethylbenzene	11.463	105	132063	5.977	ug/L	100
64) 1,3-Dichlorobenzene	11.740	146	72334	5.874	ug/L	100
65) 1,4-Dichlorobenzene	11.830	146	69345	5.829	ug/L	100
67) 1,2-Dichlorobenzene	12.206	146	65747	5.790	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.991	75	3722	6.711	ug/L	100
69) 1,3,5-Trichlorobenzene	13.216	180	53497	6.132	ug/L	100
70) 1,2,4-trichlorobenzene	13.836	180	37581	5.856	ug/L	100
71) Naphthalene	14.084	128	44639	5.205	ug/L	100
72) 1,2,3-Trichlorobenzene	14.325	180	30833	5.859	ug/L	100

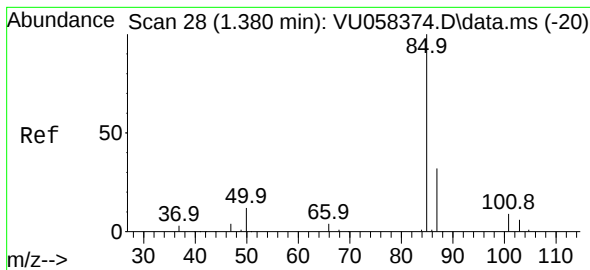
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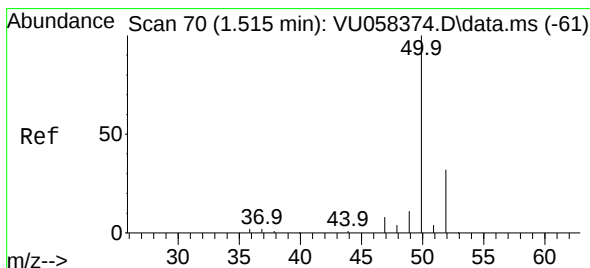
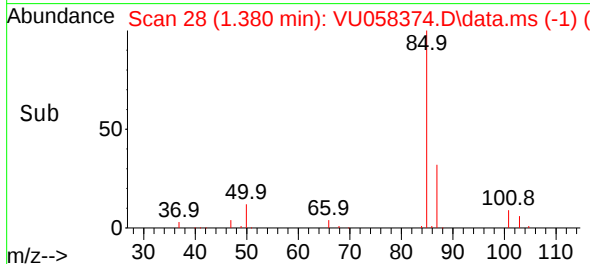
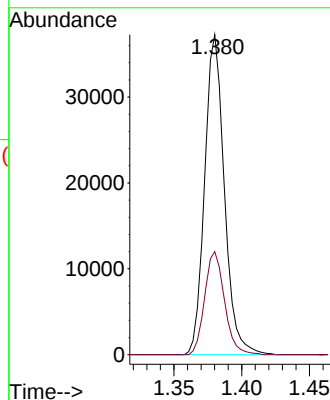
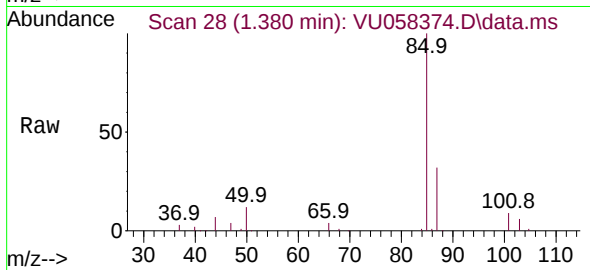




#2
 Dichlorodifluoromethane
 Concen: 8.329 ug/L
 RT: 1.380 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VU058374.D
 Acq: 04 Apr 2024 17:40

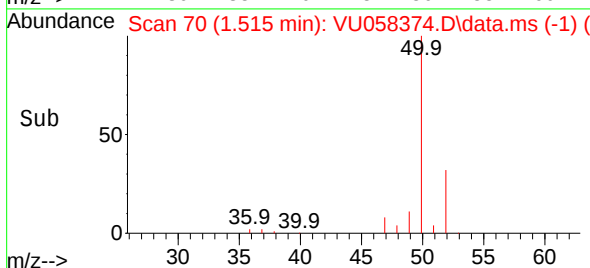
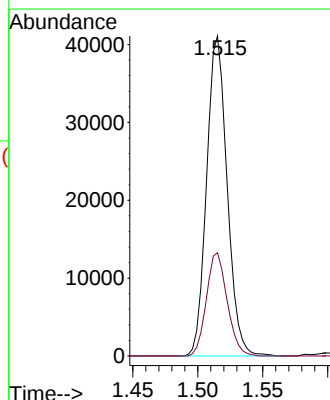
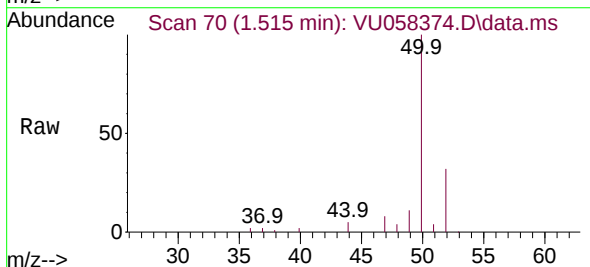
Instrument :
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 ClientSampleId :

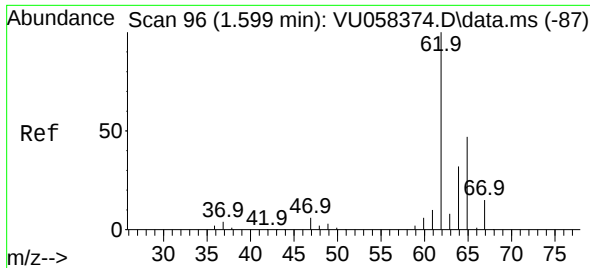
Tgt Ion: 85 Resp: 37638
 Ion Ratio Lower Upper
 85 100
 87 32.4 25.9 38.9



#3
 Chloromethane
 Concen: 7.973 ug/L
 RT: 1.515 min Scan# 70
 Delta R.T. 0.000 min
 Lab File: VU058374.D
 Acq: 04 Apr 2024 17:40

Tgt Ion: 50 Resp: 45187
 Ion Ratio Lower Upper
 50 100
 52 32.3 22.6 42.0

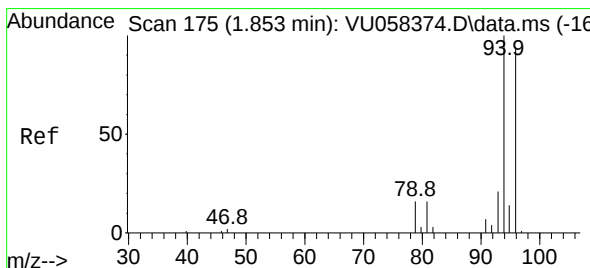
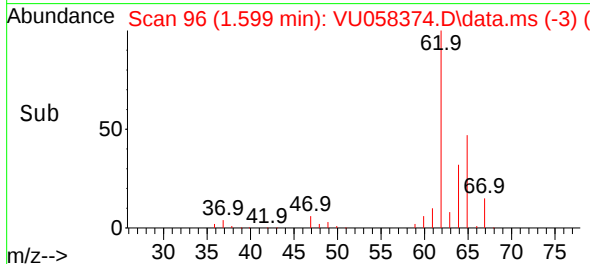
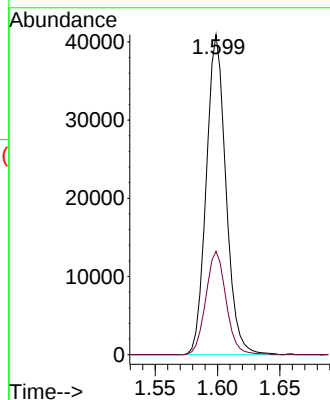
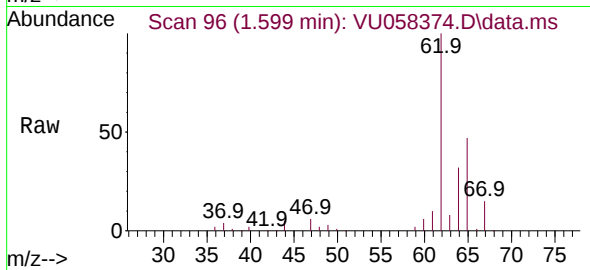




#5
 Vinyl chloride
 Concen: 7.456 ug/L
 RT: 1.599 min Scan# 96
 Delta R.T. 0.000 min
 Lab File: VU058374.D
 Acq: 04 Apr 2024 17:40

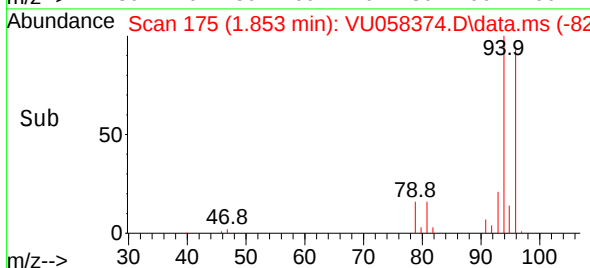
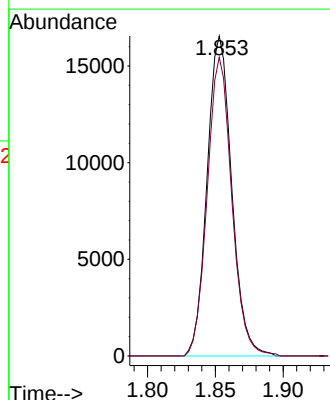
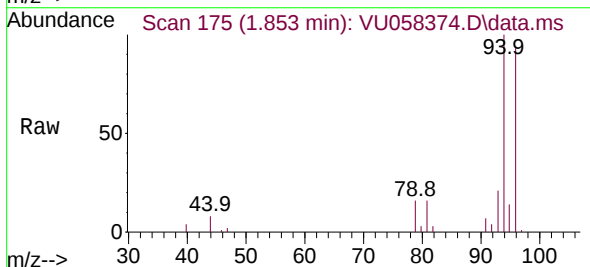
Instrument :
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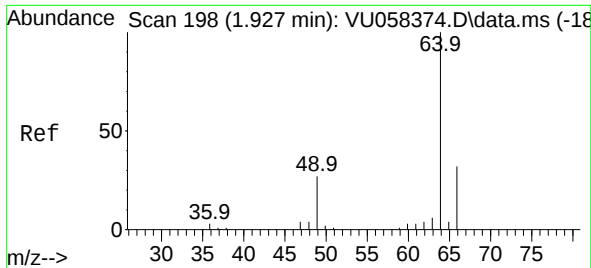
Tgt Ion: 62 Resp: 44981
 Ion Ratio Lower Upper
 62 100
 64 32.3 22.6 42.0



#6
 Bromomethane
 Concen: 6.770 ug/L
 RT: 1.853 min Scan# 175
 Delta R.T. 0.000 min
 Lab File: VU058374.D
 Acq: 04 Apr 2024 17:40

Tgt Ion: 94 Resp: 20926
 Ion Ratio Lower Upper
 94 100
 96 93.4 65.4 121.4

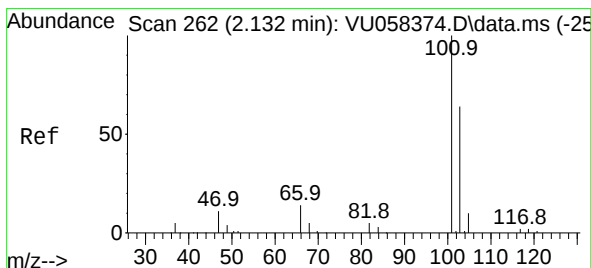
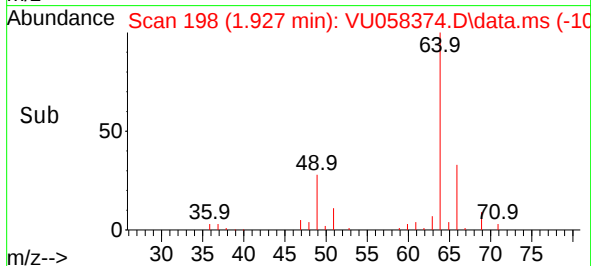
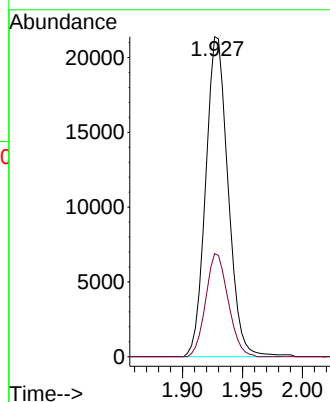
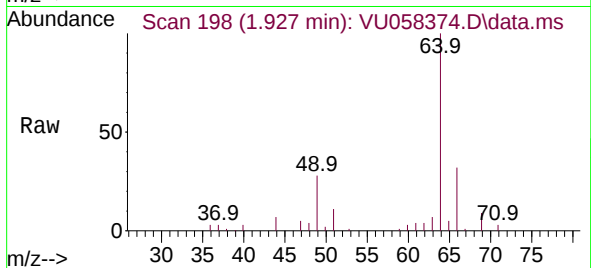




#8
Chloroethane
Concen: 7.193 ug/L
RT: 1.927 min Scan# 198
Delta R.T. 0.000 min
Lab File: VU058374.D
Acq: 04 Apr 2024 17:40

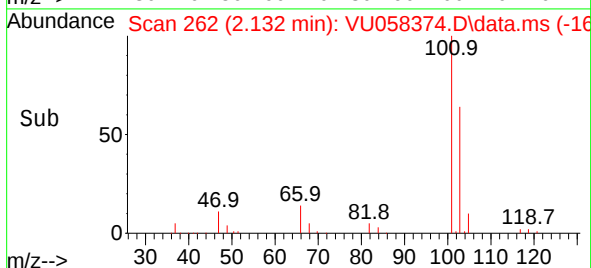
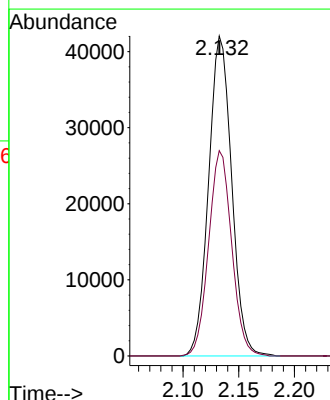
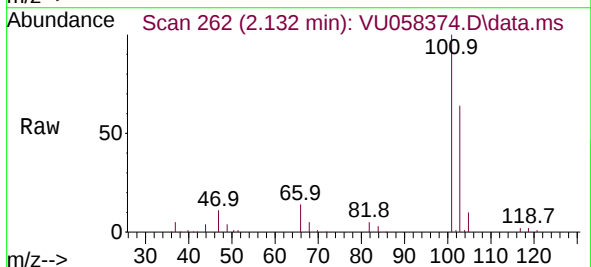
Instrument :
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ClientSampleId :

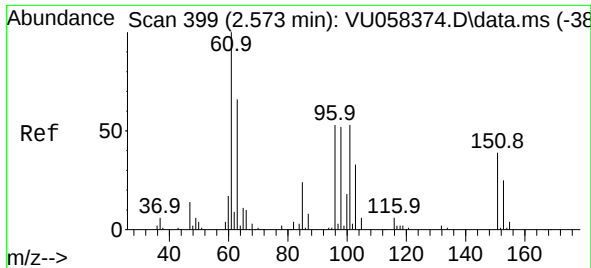
Tgt Ion: 64 Resp: 27812
Ion Ratio Lower Upper
64 100
66 32.2 22.5 41.9



#9
Trichlorofluoromethane
Concen: 6.523 ug/L
RT: 2.132 min Scan# 262
Delta R.T. 0.000 min
Lab File: VU058374.D
Acq: 04 Apr 2024 17:40

Tgt Ion:101 Resp: 60623
Ion Ratio Lower Upper
101 100
103 64.0 51.2 76.8

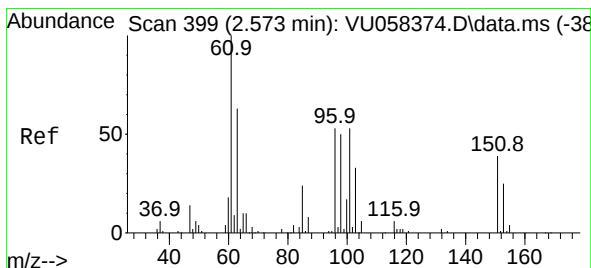
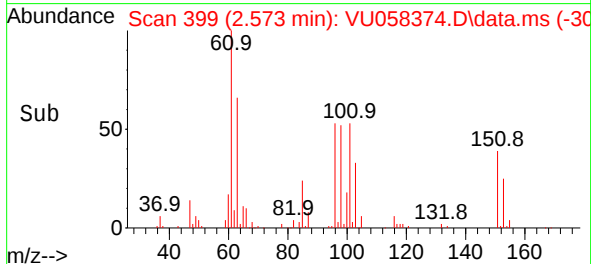
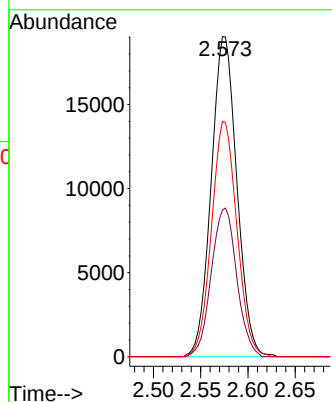
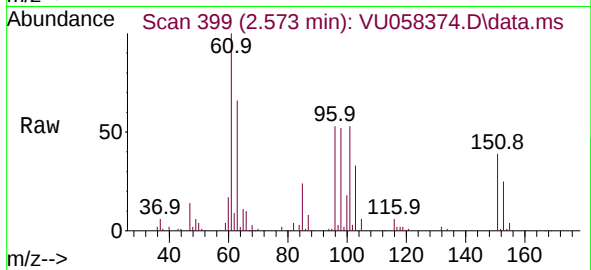




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 6.151 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. 0.000 min
 Lab File: VU058374.D
 Acq: 04 Apr 2024 17:40

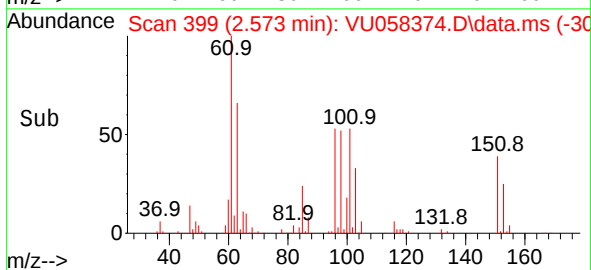
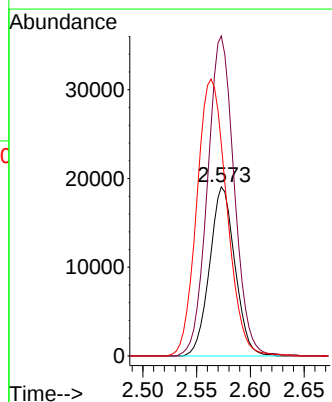
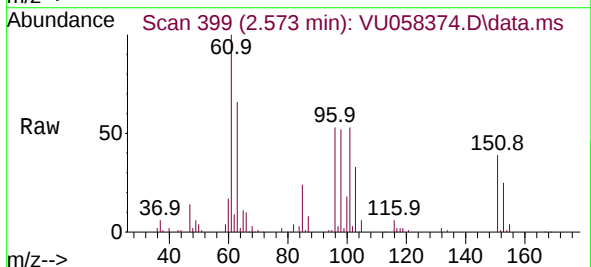
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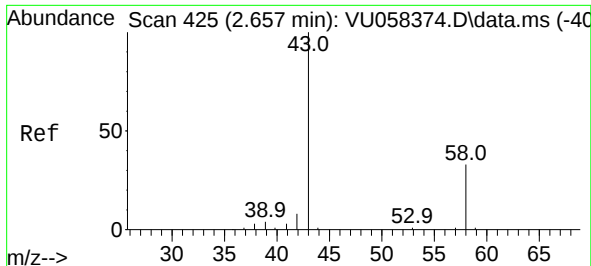
Tgt Ion:101 Resp: 35912
 Ion Ratio Lower Upper
 101 100
 85 46.0 36.8 55.2
 151 72.8 58.2 87.4



#12
 1,1-Dichloroethene
 Concen: 6.288 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. 0.000 min
 Lab File: VU058374.D
 Acq: 04 Apr 2024 17:40

Tgt Ion: 96 Resp: 31190
 Ion Ratio Lower Upper
 96 100
 61 189.3 132.5 246.1
 63 125.3 87.7 162.9





#13

Acetone

Concen: 56.249 ug/L

RT: 2.657 min Scan# 41

Delta R.T. 0.000 min

Lab File: VU058374.D

Acq: 04 Apr 2024 17:40

Instrument :

MSVOA_U

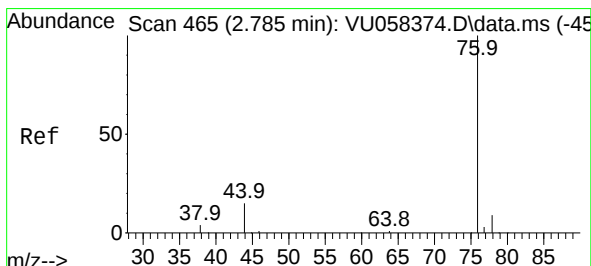
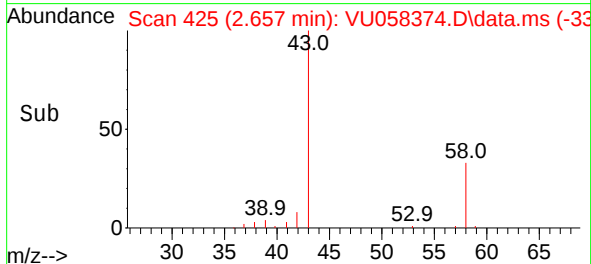
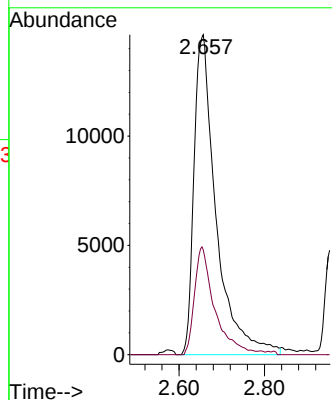
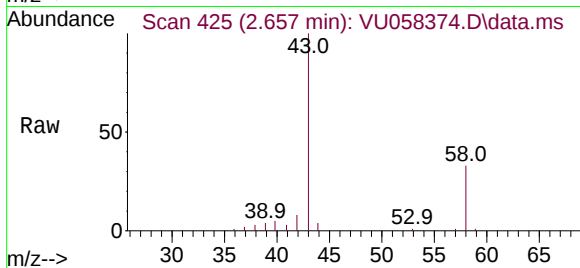
ClientSampleId :

Tgt Ion: 43 Resp: 52534

Ion Ratio Lower Upper

43 100

58 30.7 0.0 61.4



#14

Carbon disulfide

Concen: 8.098 ug/L

RT: 2.785 min Scan# 465

Delta R.T. 0.000 min

Lab File: VU058374.D

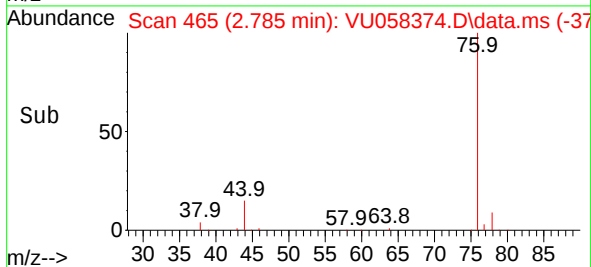
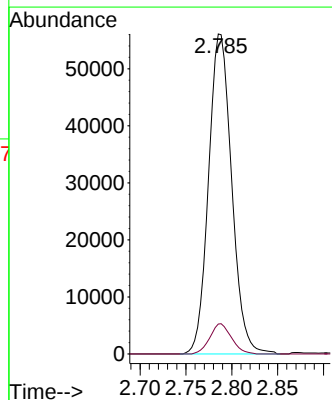
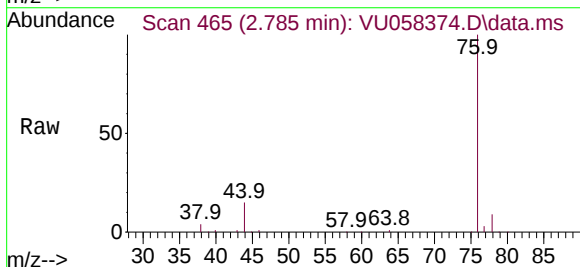
Acq: 04 Apr 2024 17:40

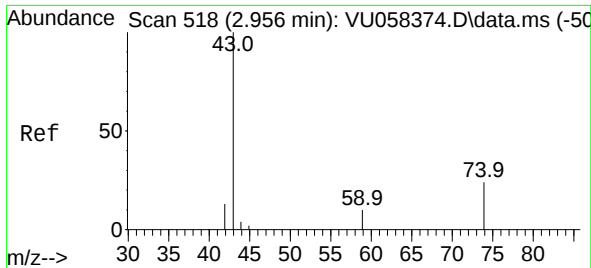
Tgt Ion: 76 Resp: 98403

Ion Ratio Lower Upper

76 100

78 9.4 7.5 11.3

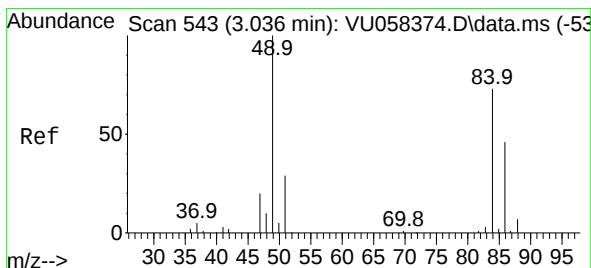
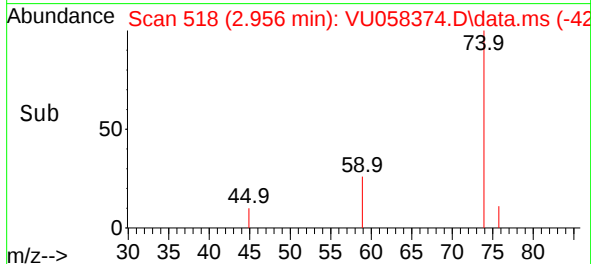
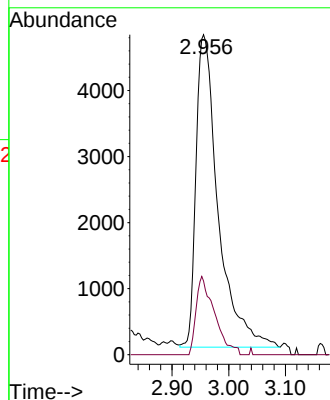
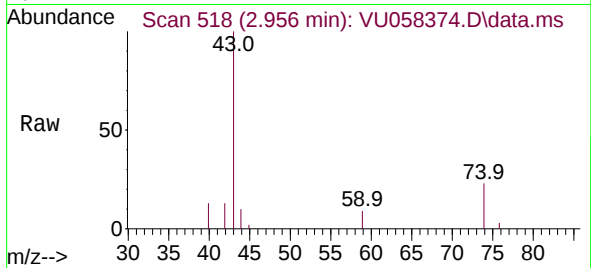




#15
Methyl Acetate
Concen: 6.464 ug/L
RT: 2.956 min Scan# 518
Delta R.T. 0.000 min
Lab File: VU058374.D
Acq: 04 Apr 2024 17:40

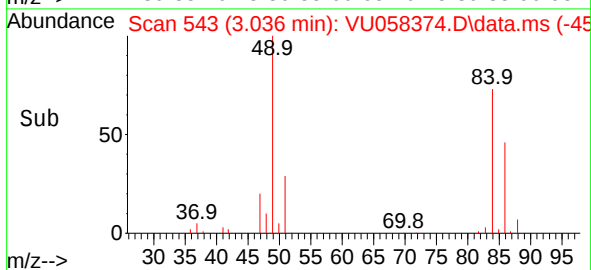
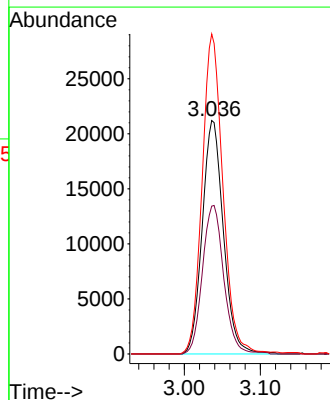
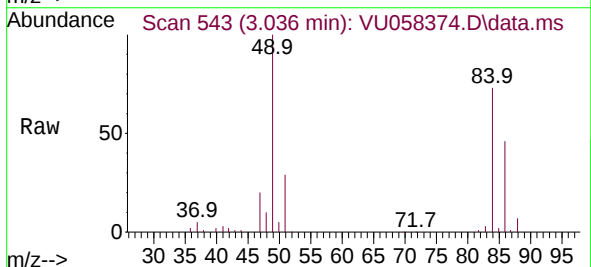
Instrument :
MSVOA_U
ClientSampleId :

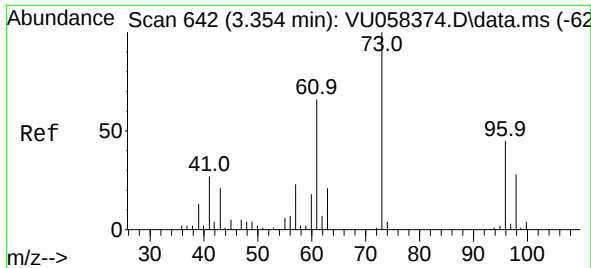
Tgt Ion: 43 Resp: 12849
Ion Ratio Lower Upper
43 100
74 20.8 16.6 25.0



#16
Methylene chloride
Concen: 5.809 ug/L
RT: 3.036 min Scan# 543
Delta R.T. 0.000 min
Lab File: VU058374.D
Acq: 04 Apr 2024 17:40

Tgt Ion: 84 Resp: 40977
Ion Ratio Lower Upper
84 100
86 63.3 44.3 82.3
49 137.1 96.0 178.2

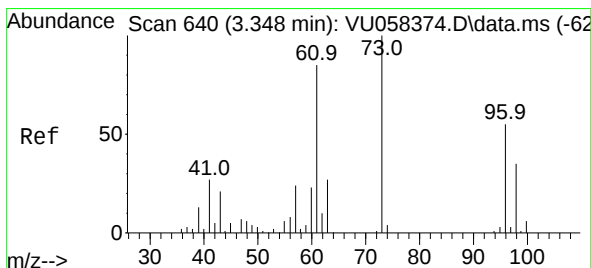
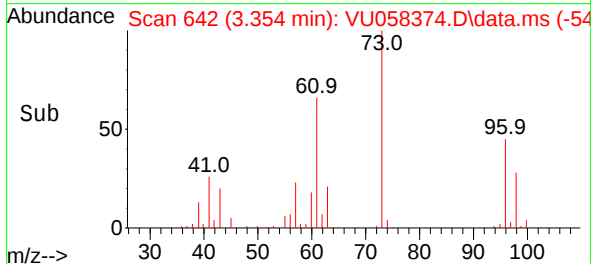
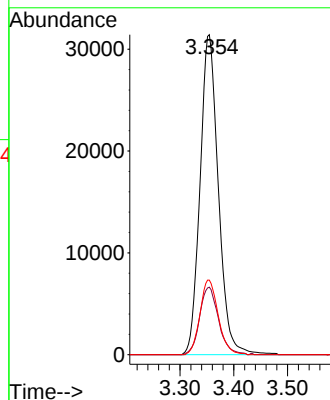
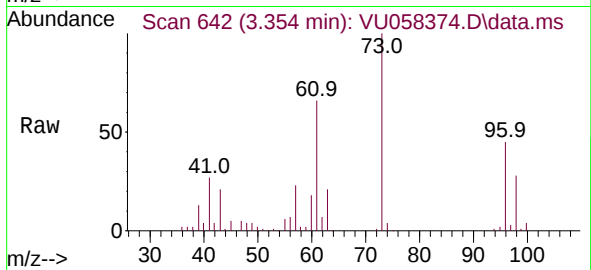




#17
Methyl tert-butyl Ether
Concen: 5.767 ug/L
RT: 3.354 min Scan# 642
Delta R.T. 0.000 min
Lab File: VU058374.D
Acq: 04 Apr 2024 17:40

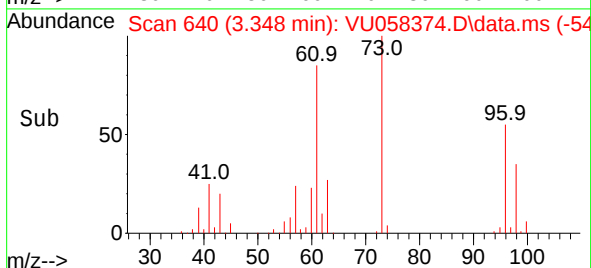
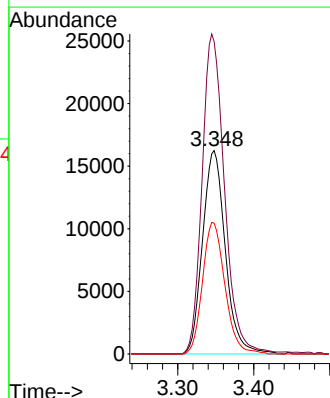
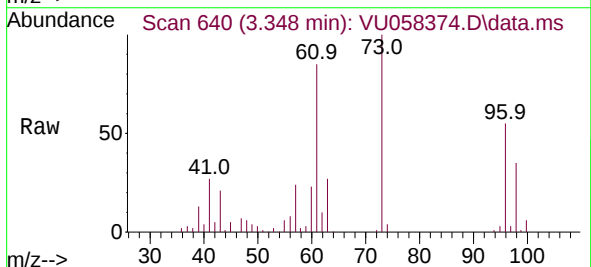
Instrument :
MSVOA_U
ClientSampleId :

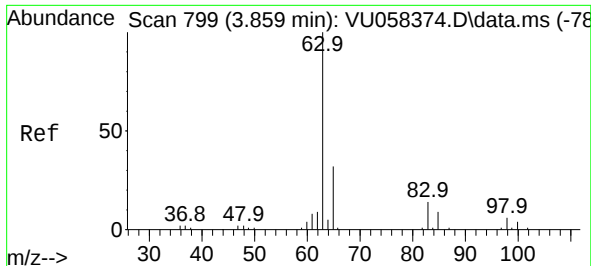
Tgt Ion: 73	Resp: 74459
Ion Ratio	Lower Upper
73 100	
43 21.8	17.4 26.2
57 23.2	18.6 27.8



#18
trans-1,2-Dichloroethene
Concen: 6.477 ug/L
RT: 3.348 min Scan# 640
Delta R.T. 0.000 min
Lab File: VU058374.D
Acq: 04 Apr 2024 17:40

Tgt Ion: 96	Resp: 33822
Ion Ratio	Lower Upper
96 100	
61 153.7	107.6 199.8
98 64.4	45.1 83.7

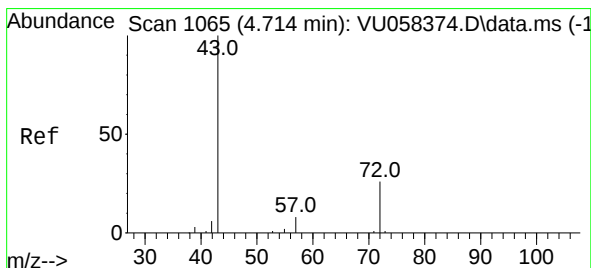
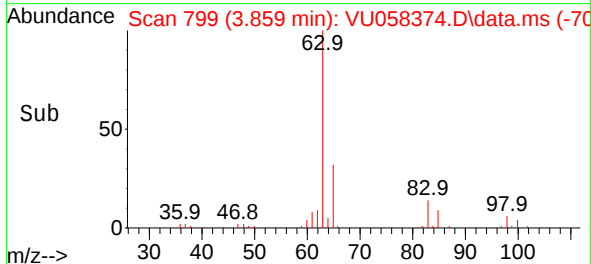
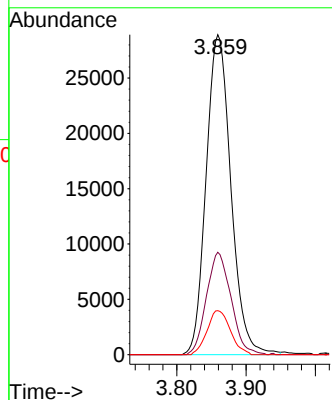
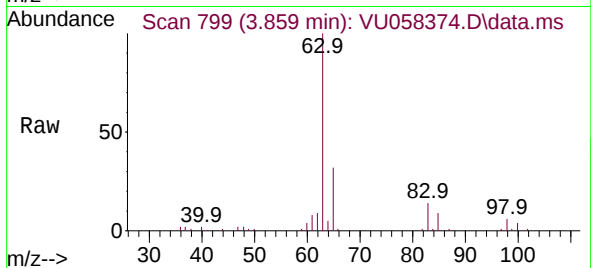




#19
1,1-Dichloroethane
Concen: 6.254 ug/L
RT: 3.859 min Scan# 799
Delta R.T. 0.000 min
Lab File: VU058374.D
Acq: 04 Apr 2024 17:40

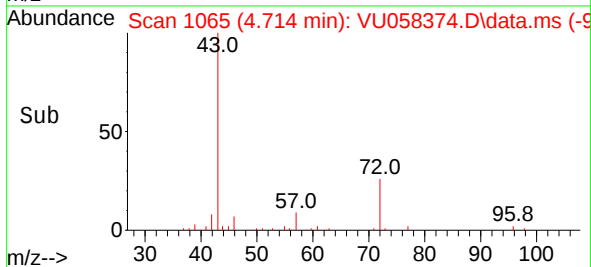
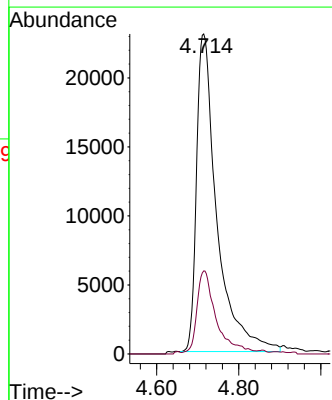
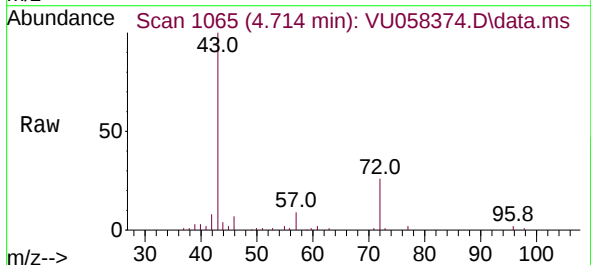
Instrument :
MSVOA_U
ClientSampleId :

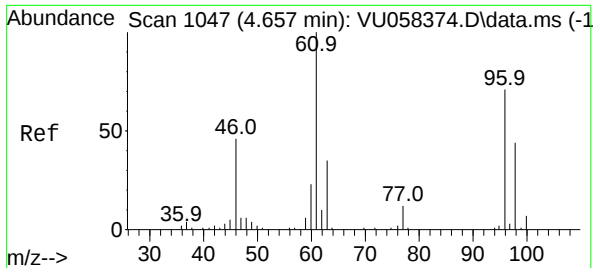
Tgt Ion: 63 Resp: 71881
Ion Ratio Lower Upper
63 100
65 32.7 22.9 42.5
83 13.7 9.6 17.8



#21
2-Butanone
Concen: 56.035 ug/L
RT: 4.714 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VU058374.D
Acq: 04 Apr 2024 17:40

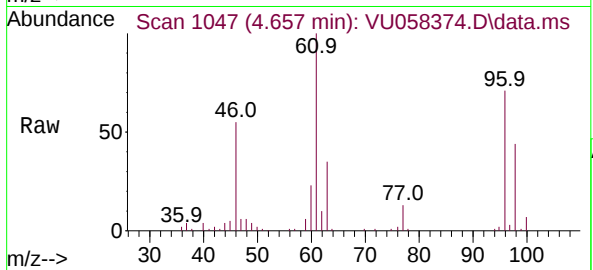
Tgt Ion: 43 Resp: 79253
Ion Ratio Lower Upper
43 100
72 23.3 11.7 35.0





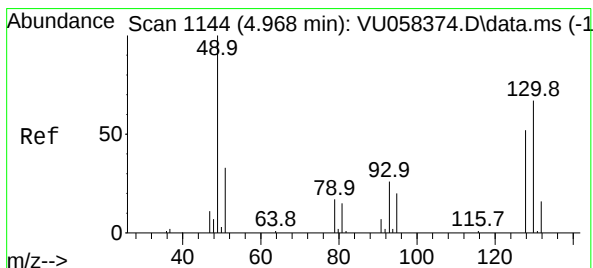
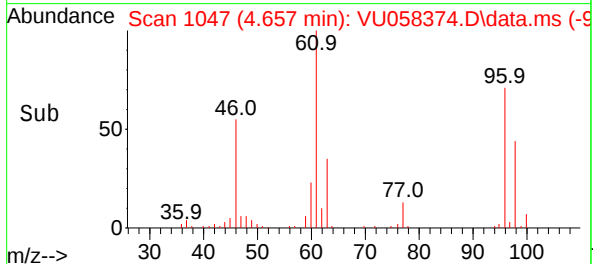
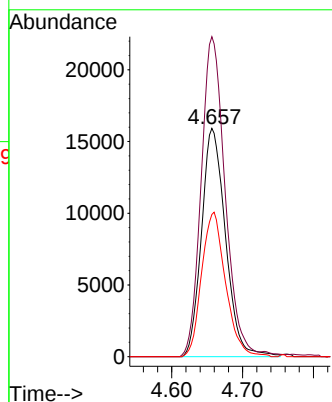
#22
 cis-1,2-Dichloroethene
 Concen: 5.992 ug/L
 RT: 4.657 min Scan# 1047
 Delta R.T. 0.000 min
 Lab File: VU058374.D
 Acq: 04 Apr 2024 17:40

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 96 Resp: 37461

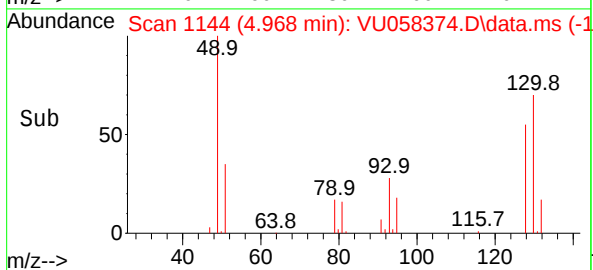
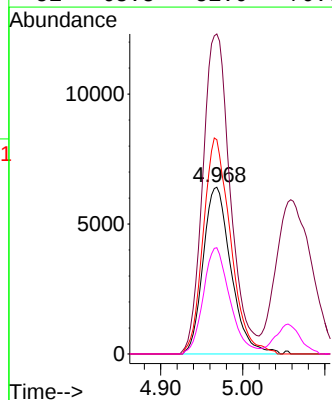
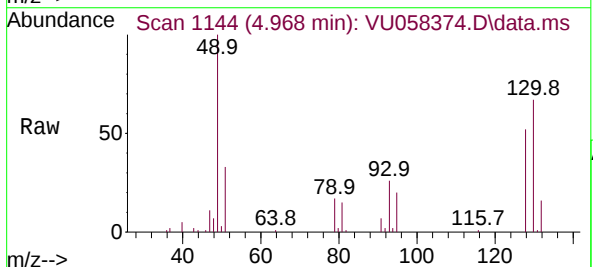
Ion	Ratio	Lower	Upper
96	100		
61	140.2	98.1	182.3
98	62.3	43.6	81.0

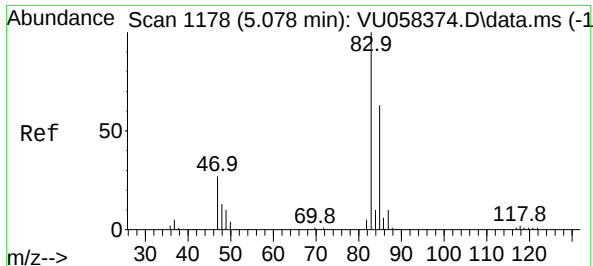


#23
 Bromochloromethane
 Concen: 6.425 ug/L
 RT: 4.968 min Scan# 1144
 Delta R.T. 0.000 min
 Lab File: VU058374.D
 Acq: 04 Apr 2024 17:40

Tgt Ion: 128 Resp: 15096

Ion	Ratio	Lower	Upper
128	100		
49	192.0	134.4	249.6
130	128.6	90.0	167.2
51	63.8	51.0	76.6





#25

Chloroform

Concen: 5.930 ug/L

RT: 5.078 min Scan# 1178

Delta R.T. 0.000 min

Lab File: VU058374.D

Acq: 04 Apr 2024 17:40

Instrument :

MSVOA_U

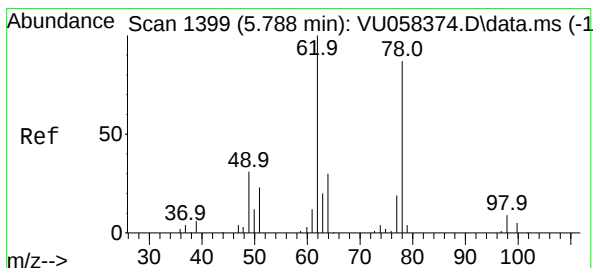
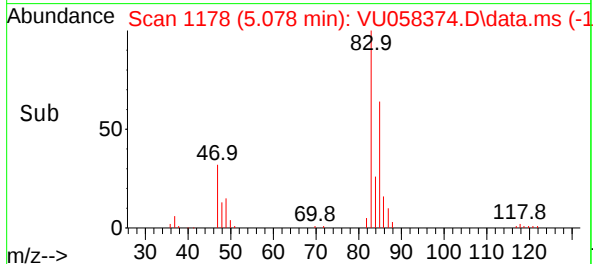
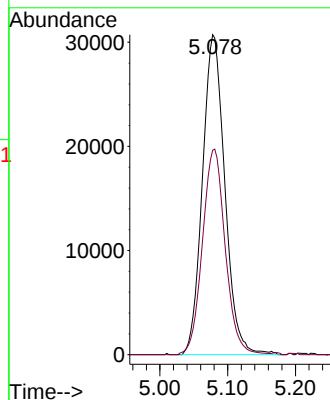
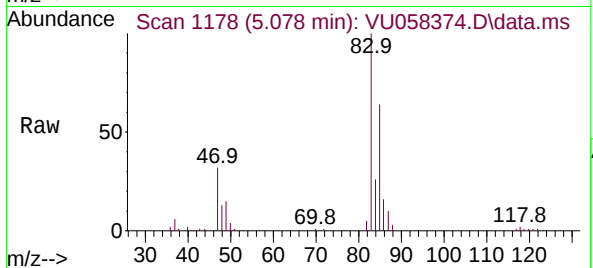
ClientSampleId :

Tgt Ion: 83 Resp: 70564

Ion Ratio Lower Upper

83 100

85 63.9 44.7 83.1



#27

1,2-Dichloroethane

Concen: 6.227 ug/L

RT: 5.788 min Scan# 1399

Delta R.T. 0.000 min

Lab File: VU058374.D

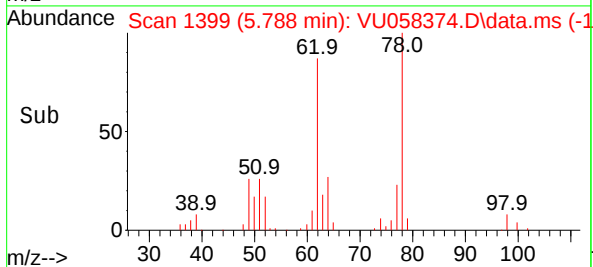
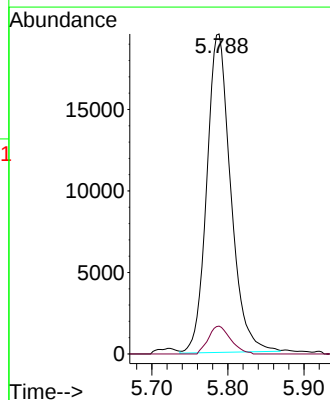
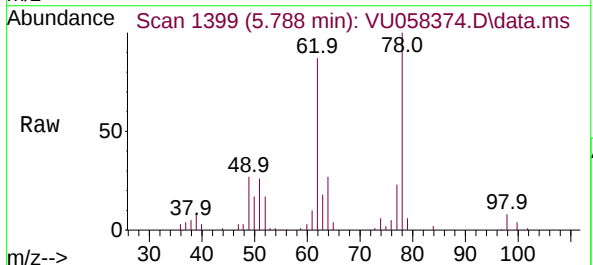
Acq: 04 Apr 2024 17:40

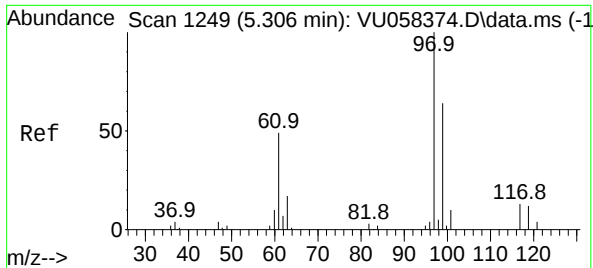
Tgt Ion: 62 Resp: 42706

Ion Ratio Lower Upper

62 100

98 8.7 7.0 10.4

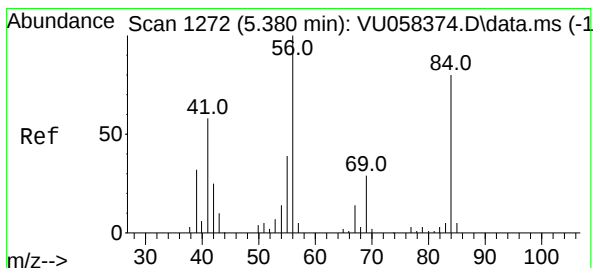
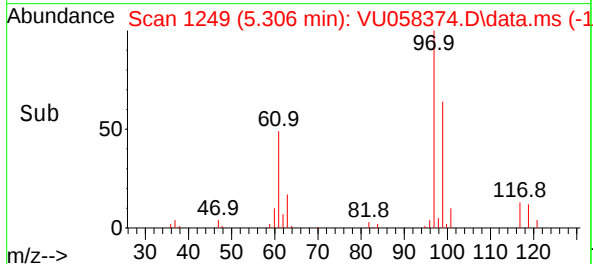
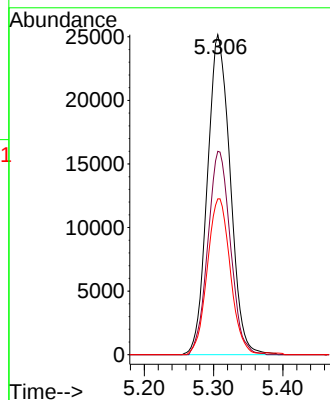
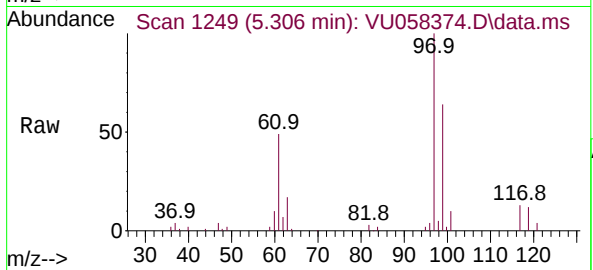




#29
1,1,1-Trichloroethane
Concen: 6.080 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. 0.000 min
Lab File: VU058374.D
Acq: 04 Apr 2024 17:40

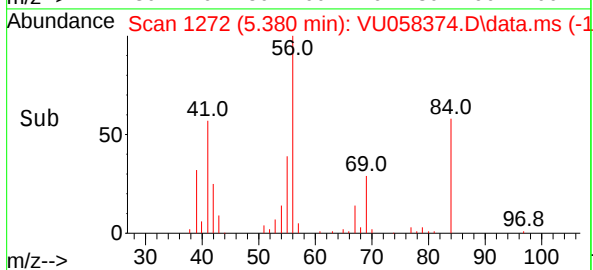
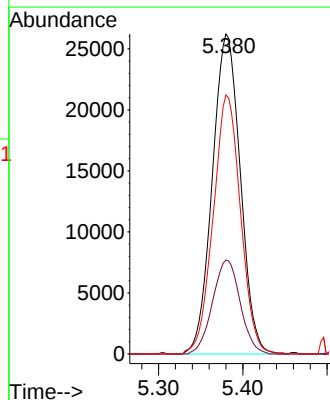
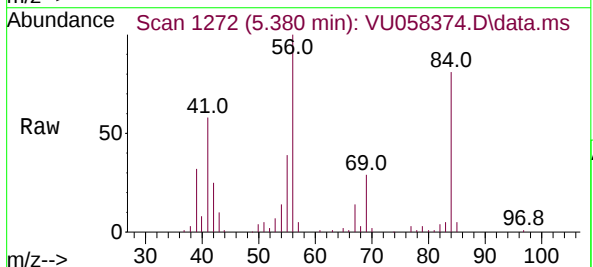
Instrument :
MSVOA_U
ClientSampleId :

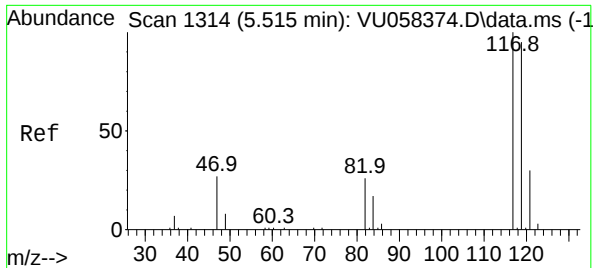
Tgt Ion: 97 Resp: 57476
Ion Ratio Lower Upper
97 100
99 63.0 50.4 75.6
61 49.2 39.4 59.0



#30
Cyclohexane
Concen: 6.923 ug/L
RT: 5.380 min Scan# 1272
Delta R.T. 0.000 min
Lab File: VU058374.D
Acq: 04 Apr 2024 17:40

Tgt Ion: 56 Resp: 60383
Ion Ratio Lower Upper
56 100
69 29.0 23.2 34.8
84 79.1 63.3 94.9

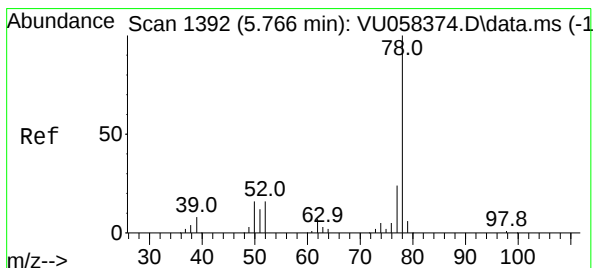
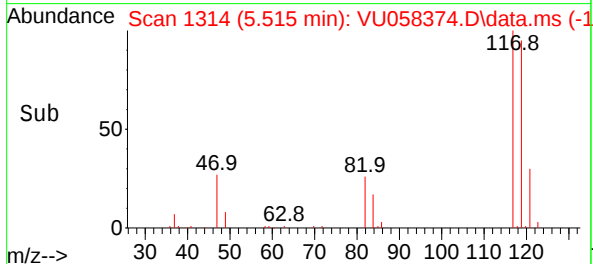
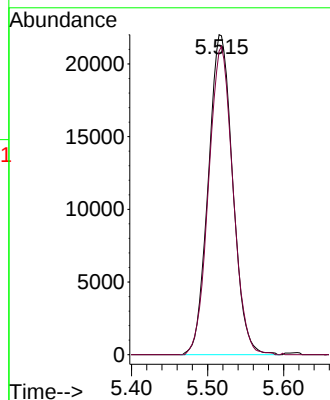
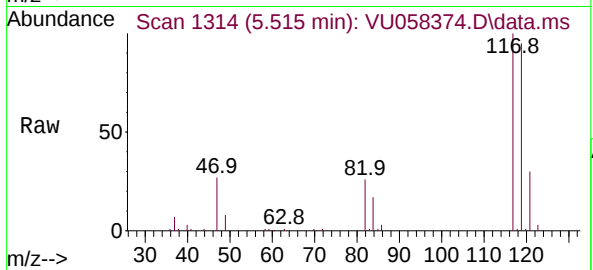




#31
Carbon tetrachloride
Concen: 6.066 ug/L
RT: 5.515 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VU058374.D
Acq: 04 Apr 2024 17:40

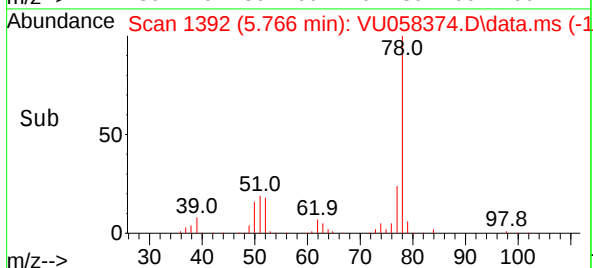
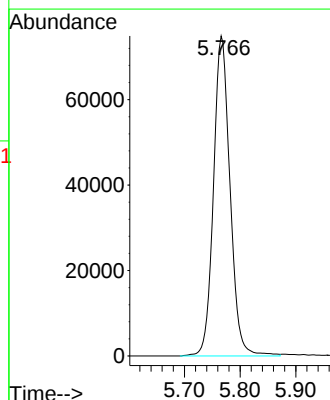
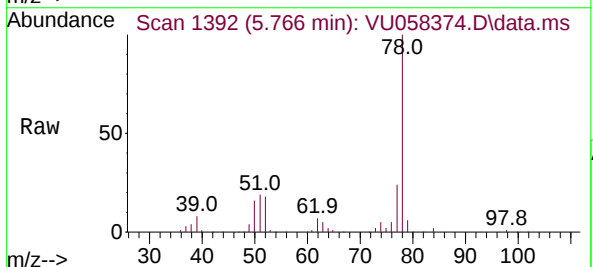
Instrument :
MSVOA_U
ClientSampleId :

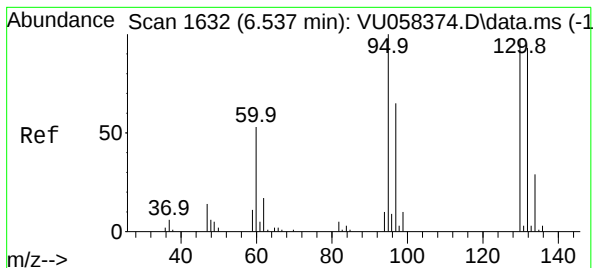
Tgt Ion:117 Resp: 49162
Ion Ratio Lower Upper
117 100
119 95.9 76.7 115.1



#33
Benzene
Concen: 6.354 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VU058374.D
Acq: 04 Apr 2024 17:40

Tgt Ion: 78 Resp: 154744





#34

Trichloroethene

Concen: 6.118 ug/L

RT: 6.537 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU058374.D

Acq: 04 Apr 2024 17:40

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 38573

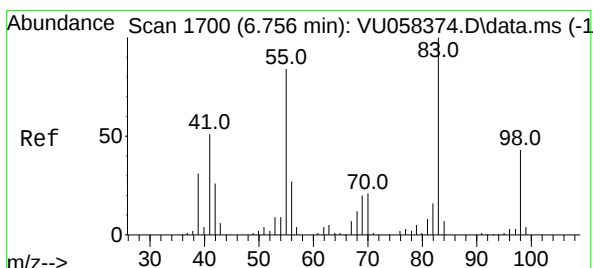
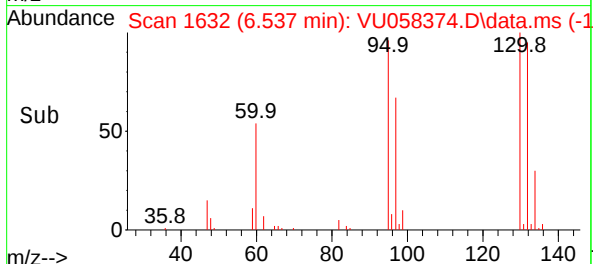
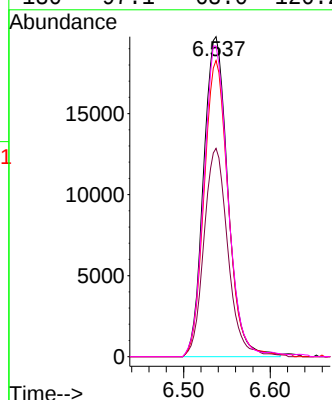
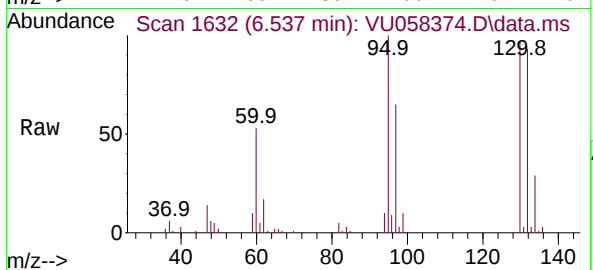
Ion Ratio Lower Upper

95 100

97 65.1 45.6 84.6

132 92.5 64.8 120.3

130 97.1 68.0 126.2



#35

Methylcyclohexane

Concen: 6.661 ug/L

RT: 6.756 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VU058374.D

Acq: 04 Apr 2024 17:40

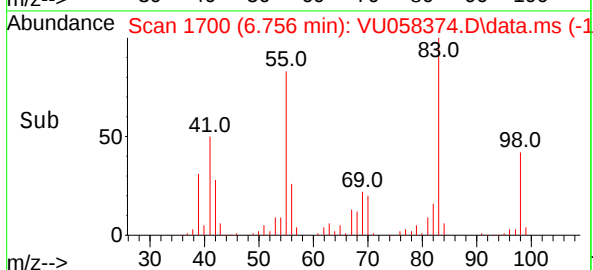
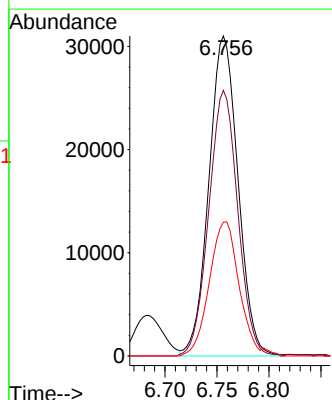
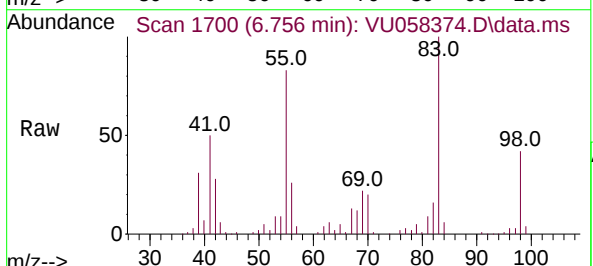
Tgt Ion: 83 Resp: 60443

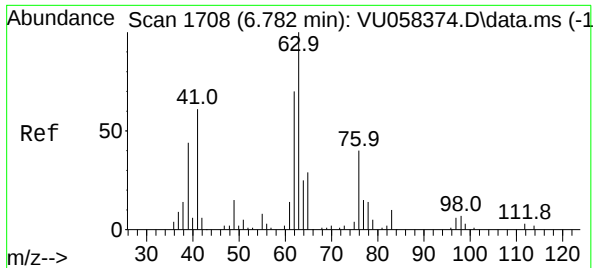
Ion Ratio Lower Upper

83 100

55 82.8 66.2 99.4

98 43.3 34.6 52.0

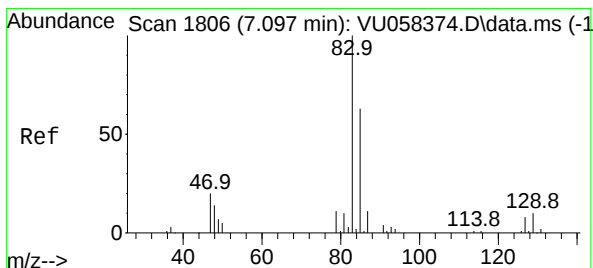
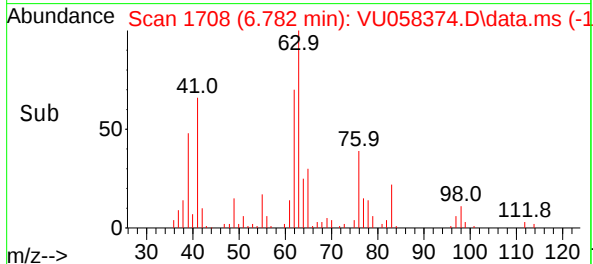
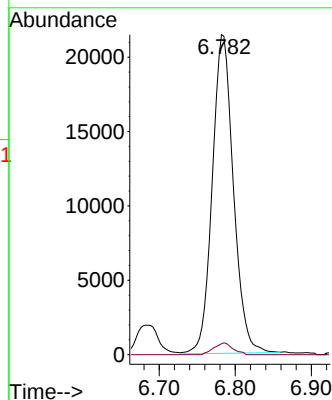
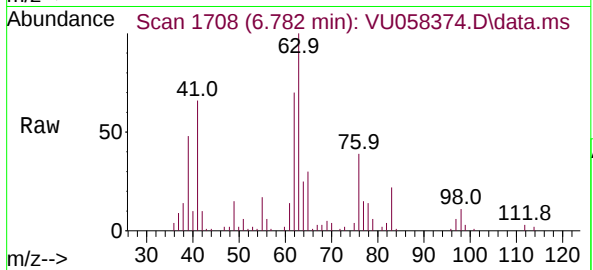




#37
1,2-Dichloropropane
Concen: 6.128 ug/L
RT: 6.782 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU058374.D
Acq: 04 Apr 2024 17:40

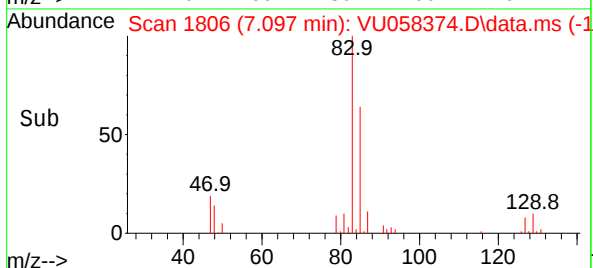
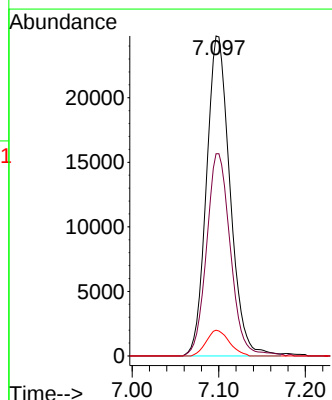
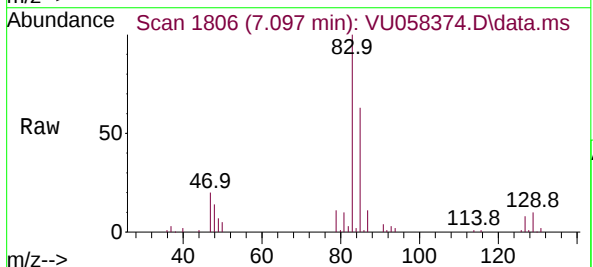
Instrument :
MSVOA_U
ClientSampleId :

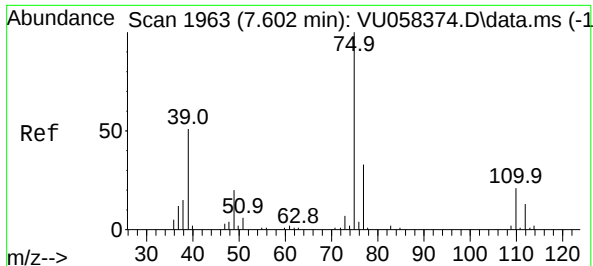
Tgt Ion: 63 Resp: 41425
Ion Ratio Lower Upper
63 100
112 3.3 2.6 4.0



#38
Bromodichloromethane
Concen: 6.077 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VU058374.D
Acq: 04 Apr 2024 17:40

Tgt Ion: 83 Resp: 46796
Ion Ratio Lower Upper
83 100
85 63.2 44.2 82.2
127 8.1 6.5 9.7

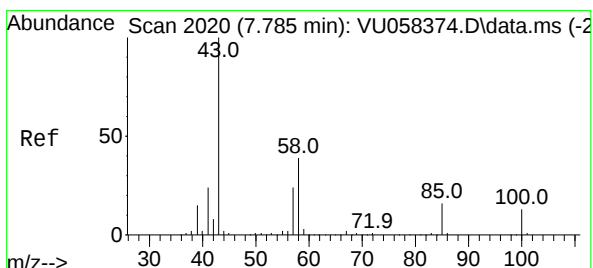
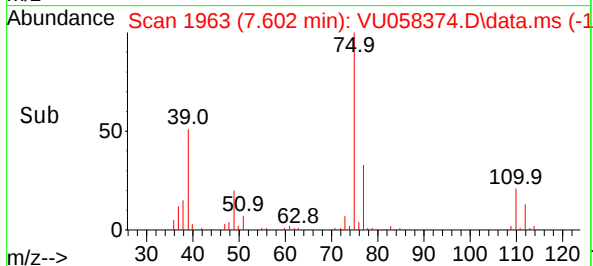
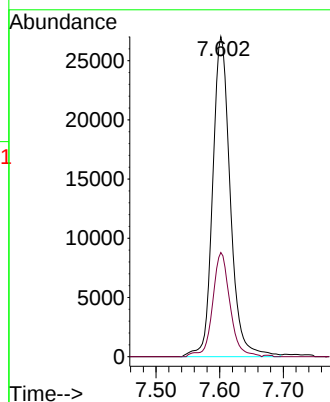
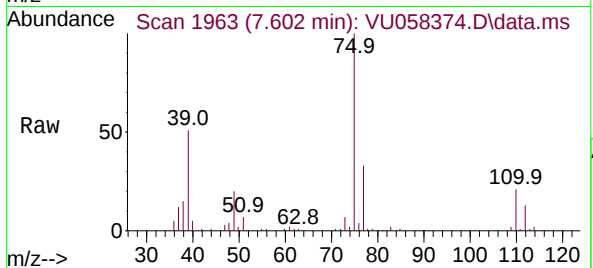




#39
 cis-1,3-Dichloropropene
 Concen: 6.121 ug/L
 RT: 7.602 min Scan# 1963
 Delta R.T. 0.000 min
 Lab File: VU058374.D
 Acq: 04 Apr 2024 17:40

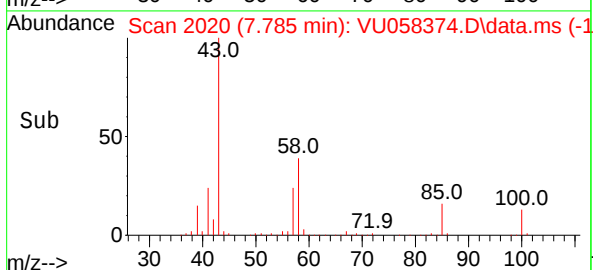
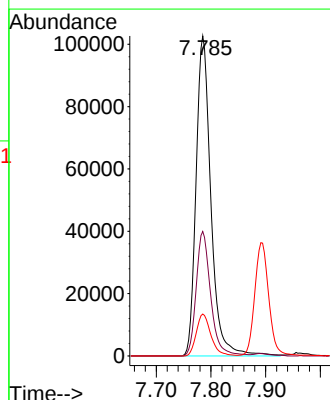
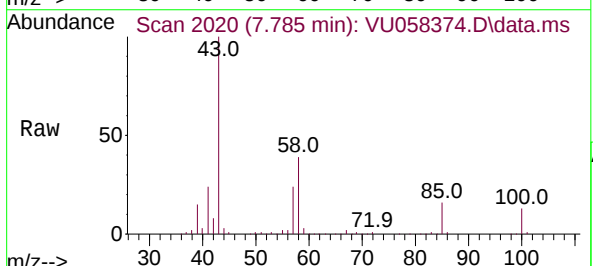
Instrument :
 MSVOA_U
 ClientSampleId :

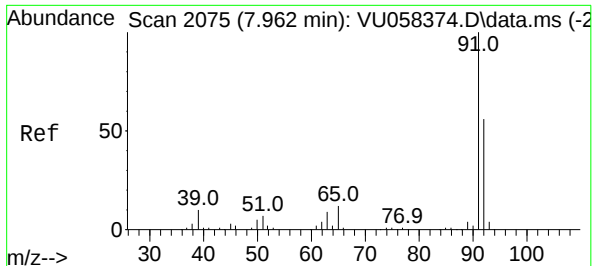
Tgt Ion: 75 Resp: 52057
 Ion Ratio Lower Upper
 75 100
 77 32.5 22.7 42.3



#40
 4-Methyl-2-pentanone
 Concen: 57.547 ug/L
 RT: 7.785 min Scan# 2020
 Delta R.T. 0.000 min
 Lab File: VU058374.D
 Acq: 04 Apr 2024 17:40

Tgt Ion: 43 Resp: 193573
 Ion Ratio Lower Upper
 43 100
 58 38.0 30.4 45.6
 100 12.9 10.3 15.5





#42

Toluene

Concen: 6.299 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. 0.000 min

Lab File: VU058374.D

Acq: 04 Apr 2024 17:40

Instrument :

MSVOA_U

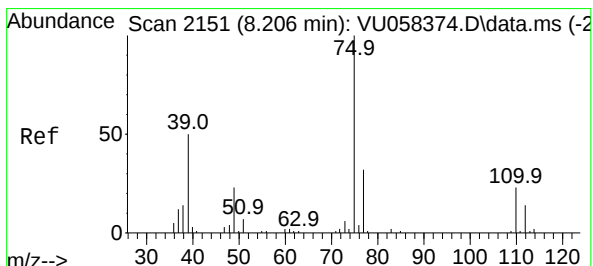
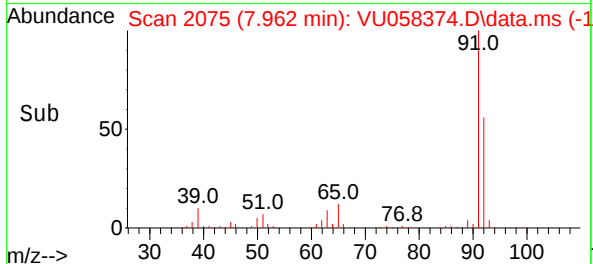
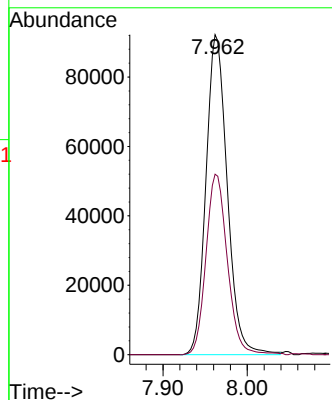
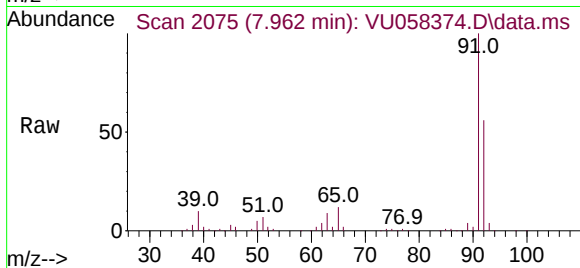
ClientSampleId :

Tgt Ion: 91 Resp: 162104

Ion Ratio Lower Upper

91 100

92 56.4 39.5 73.3



#44

trans-1,3-Dichloropropene

Concen: 6.137 ug/L

RT: 8.206 min Scan# 2151

Delta R.T. 0.000 min

Lab File: VU058374.D

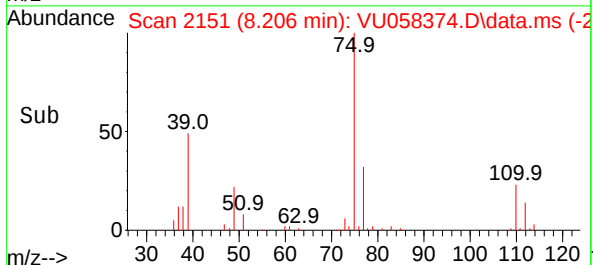
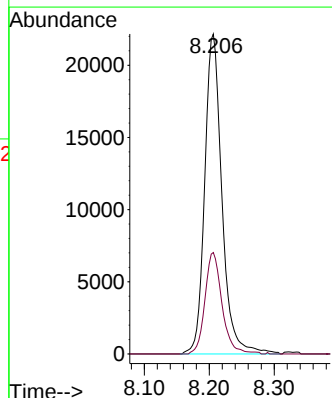
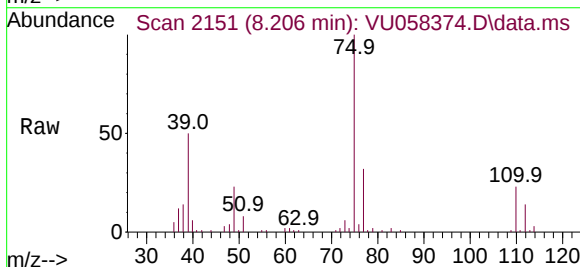
Acq: 04 Apr 2024 17:40

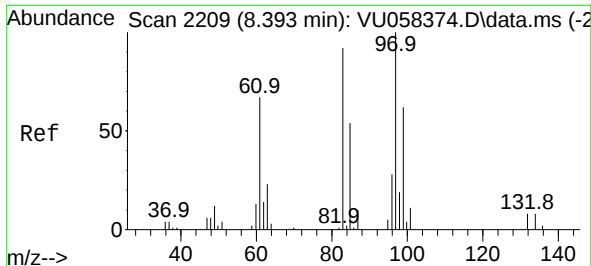
Tgt Ion: 75 Resp: 41011

Ion Ratio Lower Upper

75 100

77 31.7 22.2 41.2





#45

1,1,2-Trichloroethane

Concen: 5.784 ug/L

RT: 8.393 min Scan# 2209

Delta R.T. 0.000 min

Lab File: VU058374.D

Acq: 04 Apr 2024 17:40

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 97 Resp: 24226

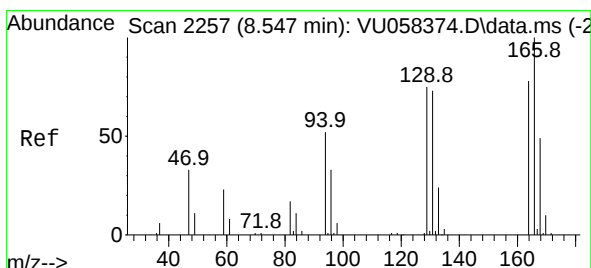
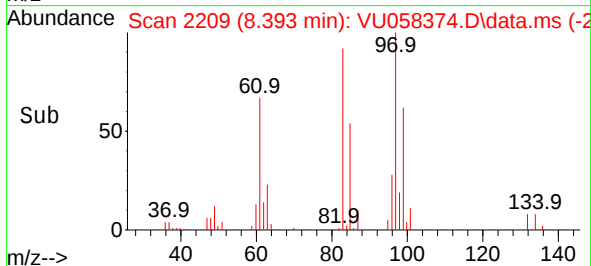
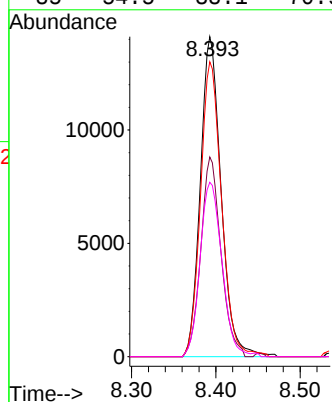
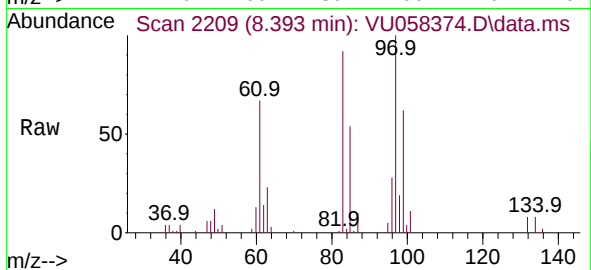
Ion Ratio Lower Upper

97 100

99 62.4 43.7 81.1

83 92.1 64.5 119.7

85 54.5 38.1 70.9



#47

Tetrachloroethene

Concen: 6.595 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. 0.000 min

Lab File: VU058374.D

Acq: 04 Apr 2024 17:40

Tgt Ion: 164 Resp: 28357

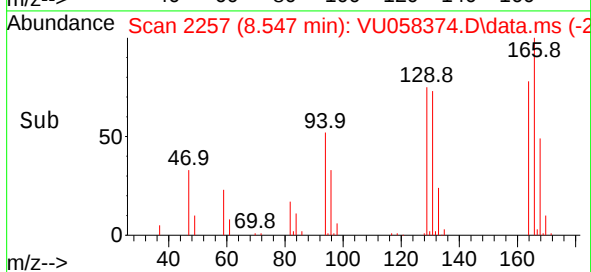
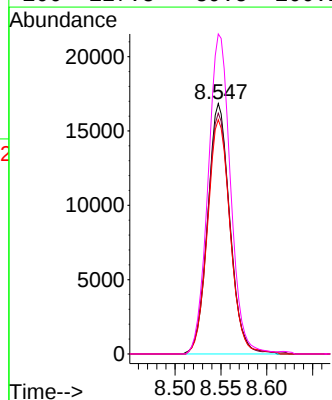
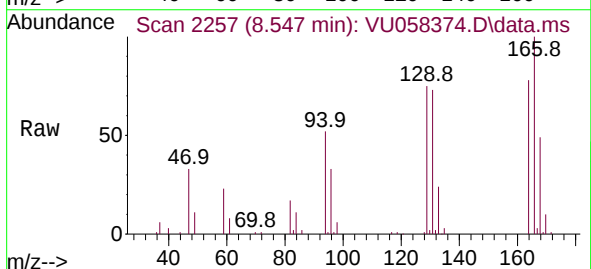
Ion Ratio Lower Upper

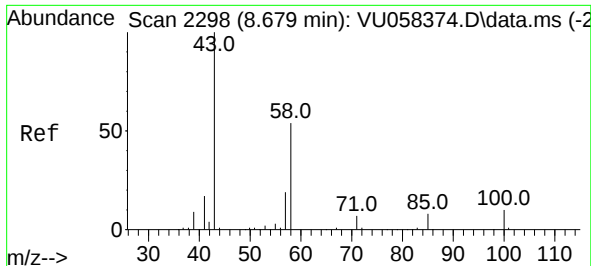
164 100

129 96.2 67.3 125.1

131 93.5 65.5 121.6

166 127.8 89.5 166.1

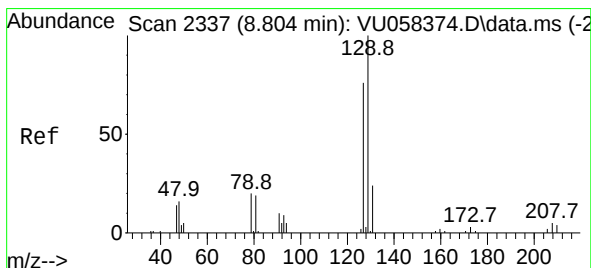
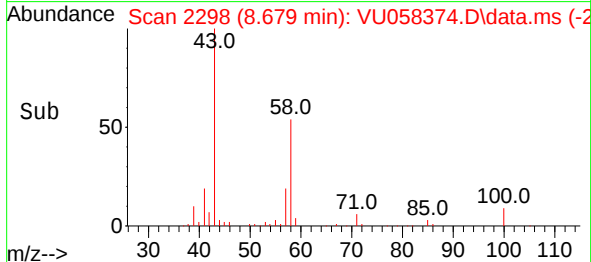
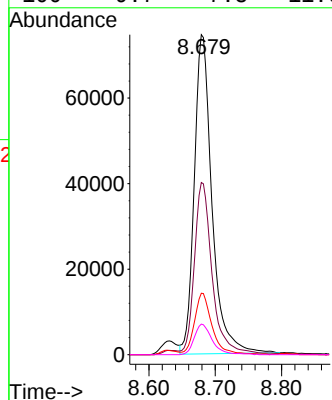
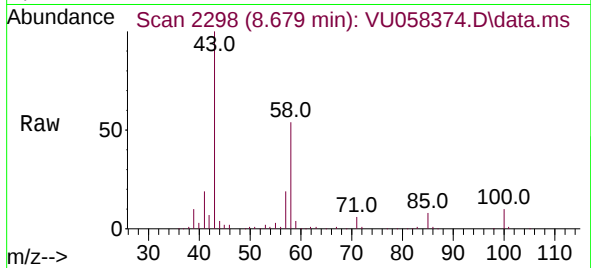




#48
2-Hexanone
Concen: 56.577 ug/L
RT: 8.679 min Scan# 2298
Delta R.T. 0.000 min
Lab File: VU058374.D
Acq: 04 Apr 2024 17:40

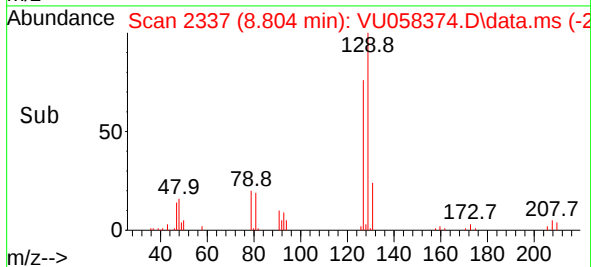
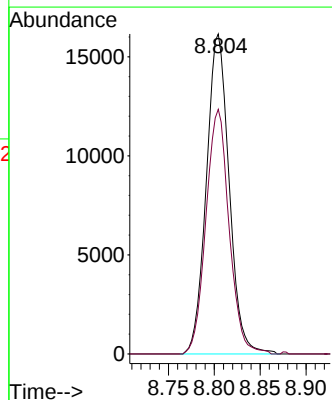
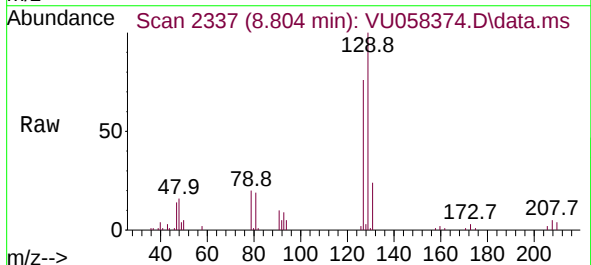
Instrument :
MSVOA_U
ClientSampleId :

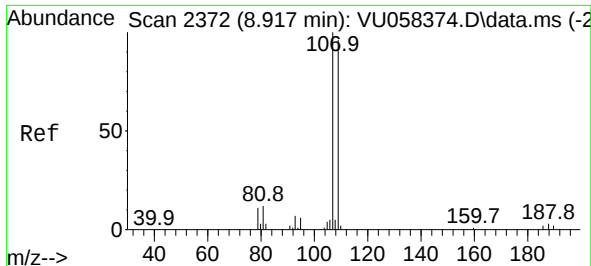
Tgt Ion: 43 Resp: 139007
Ion Ratio Lower Upper
43 100
58 54.0 43.2 64.8
57 19.2 15.4 23.0
100 9.7 7.8 11.6



#49
Dibromochloromethane
Concen: 6.043 ug/L
RT: 8.804 min Scan# 2337
Delta R.T. 0.000 min
Lab File: VU058374.D
Acq: 04 Apr 2024 17:40

Tgt Ion: 129 Resp: 27910
Ion Ratio Lower Upper
129 100
127 76.5 53.5 99.5

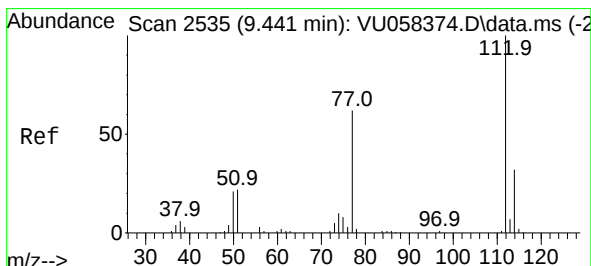
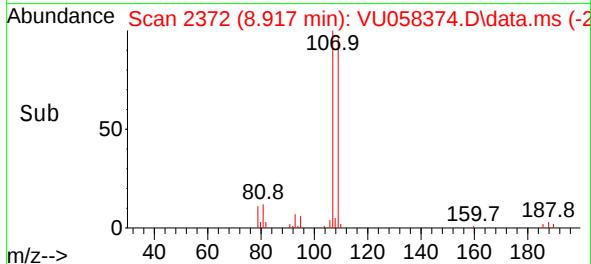
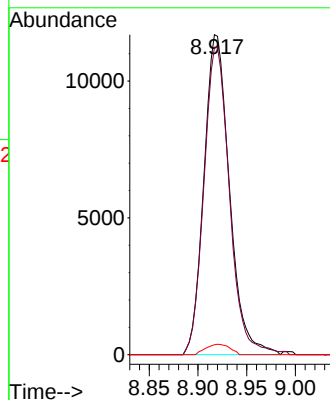
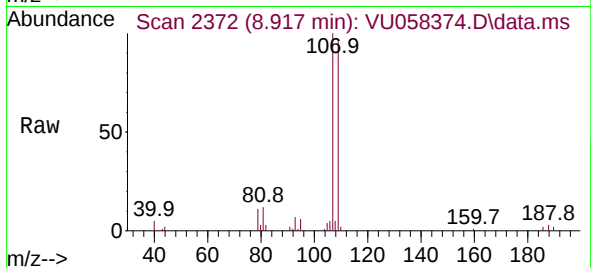




#50
1,2-Dibromoethane
Concen: 5.924 ug/L
RT: 8.917 min Scan# 2372
Delta R.T. 0.000 min
Lab File: VU058374.D
Acq: 04 Apr 2024 17:40

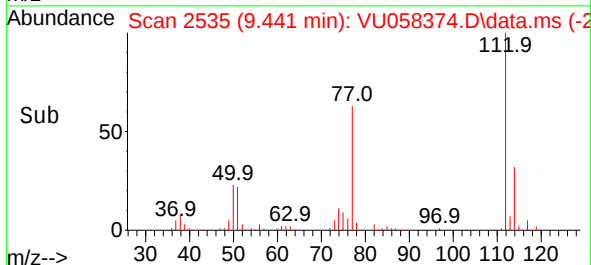
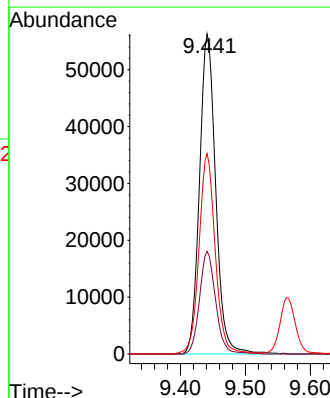
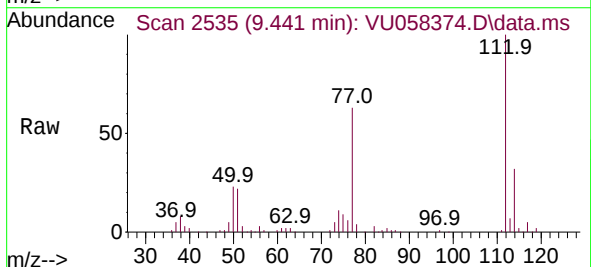
Instrument :
MSVOA_U
ClientSampleId :

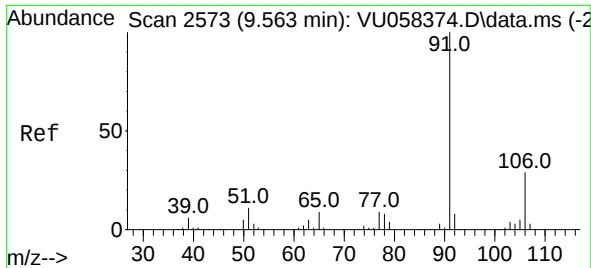
Tgt Ion:107 Resp: 21370
Ion Ratio Lower Upper
107 100
109 96.1 67.3 124.9
188 3.1 2.5 3.7



#51
Chlorobenzene
Concen: 5.987 ug/L
RT: 9.441 min Scan# 2535
Delta R.T. 0.000 min
Lab File: VU058374.D
Acq: 04 Apr 2024 17:40

Tgt Ion:112 Resp: 97716
Ion Ratio Lower Upper
112 100
114 32.0 22.4 41.6
77 62.6 50.1 75.1

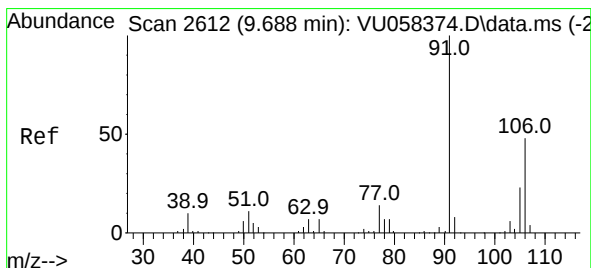
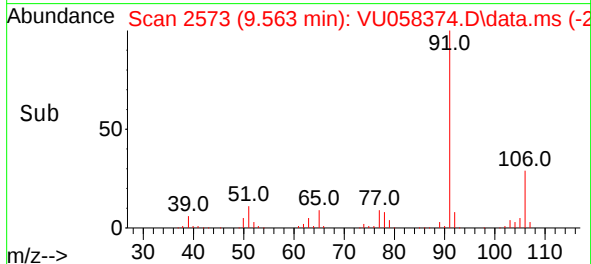
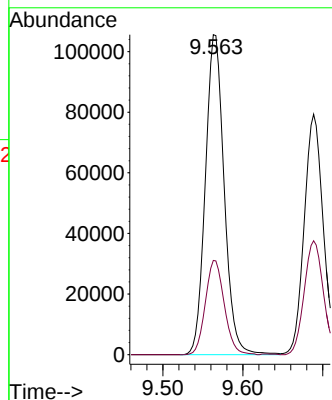
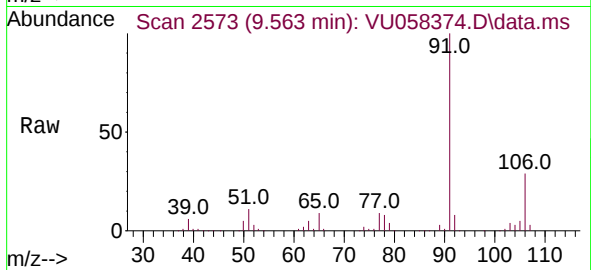




#52
Ethylbenzene
Concen: 6.081 ug/L
RT: 9.563 min Scan# 2573
Delta R.T. 0.000 min
Lab File: VU058374.D
Acq: 04 Apr 2024 17:40

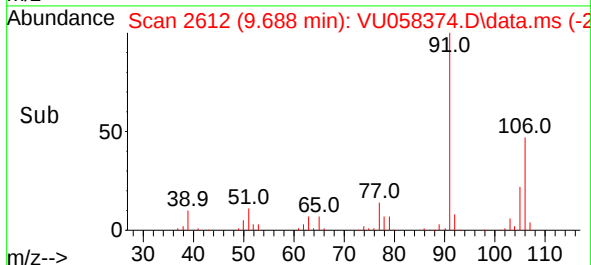
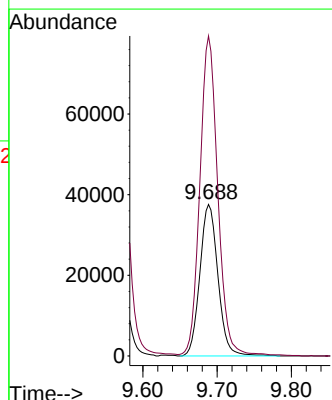
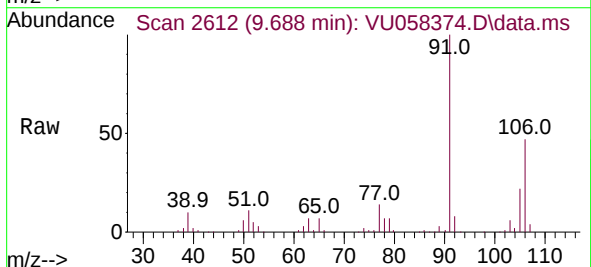
Instrument :
MSVOA_U
ClientSampleId :

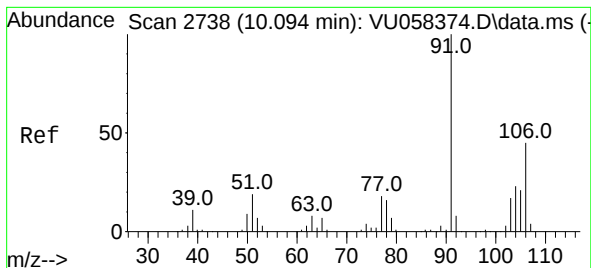
Tgt Ion: 91 Resp: 173134
Ion Ratio Lower Upper
91 100
106 29.5 20.6 38.4



#53
m,p-Xylene
Concen: 6.251 ug/L
RT: 9.688 min Scan# 2612
Delta R.T. 0.000 min
Lab File: VU058374.D
Acq: 04 Apr 2024 17:40

Tgt Ion: 106 Resp: 63691
Ion Ratio Lower Upper
106 100
91 211.1 147.8 274.4





#54

o-Xylene

Concen: 6.095 ug/L

RT: 10.094 min Scan# 2738

Delta R.T. 0.000 min

Lab File: VU058374.D

Acq: 04 Apr 2024 17:40

Instrument :

MSVOA_U

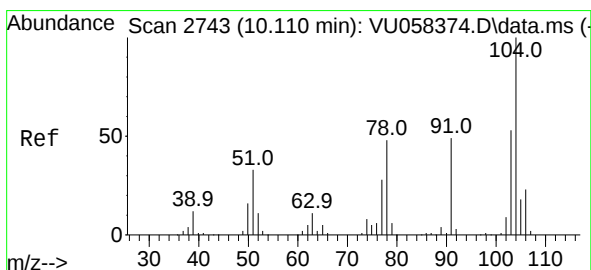
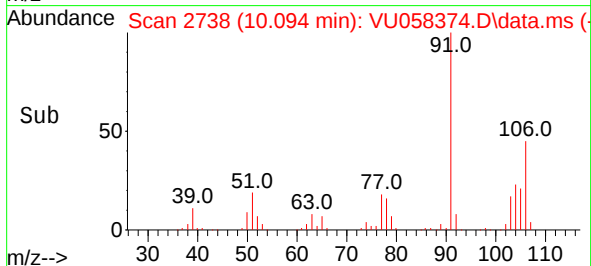
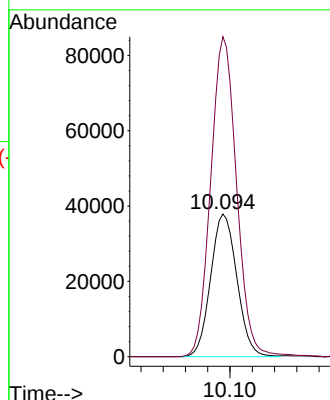
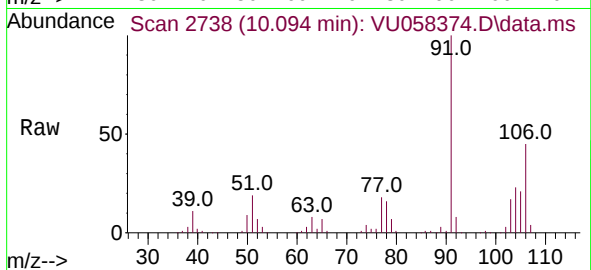
ClientSampleId :

Tgt Ion:106 Resp: 62048

Ion Ratio Lower Upper

106 100

91 224.2 156.9 291.5



#55

Styrene

Concen: 6.188 ug/L

RT: 10.110 min Scan# 2743

Delta R.T. 0.000 min

Lab File: VU058374.D

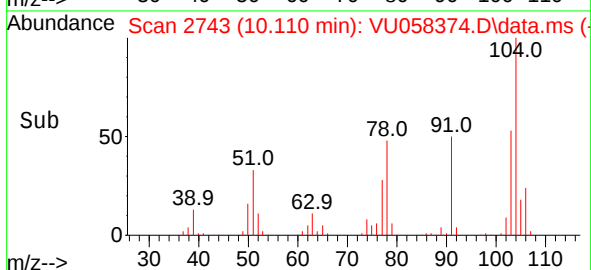
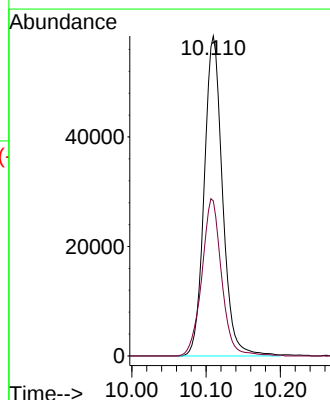
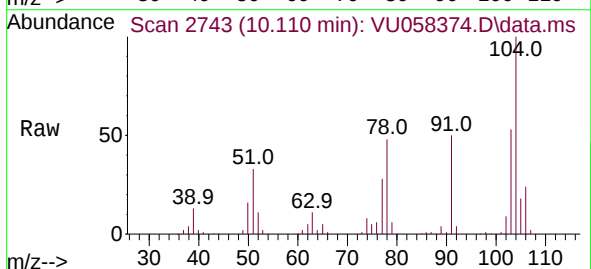
Acq: 04 Apr 2024 17:40

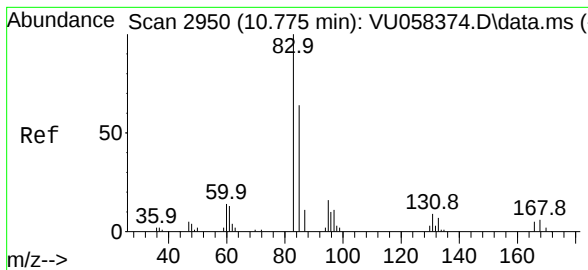
Tgt Ion:104 Resp: 99989

Ion Ratio Lower Upper

104 100

78 48.5 33.9 63.0

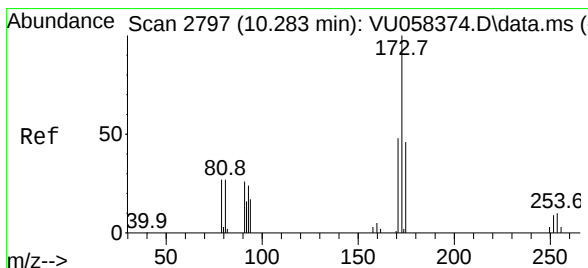
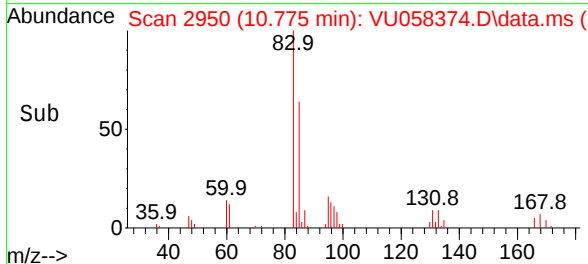
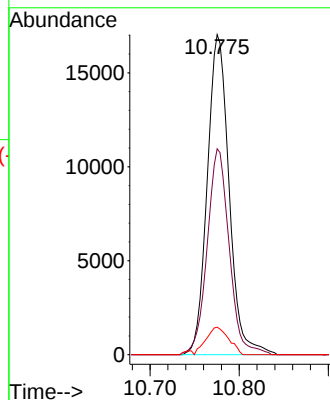
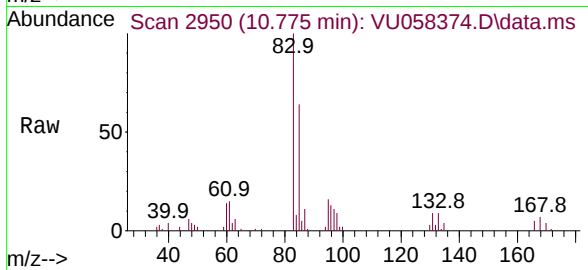




#57
1,1,2,2-Tetrachloroethane
Concen: 5.875 ug/L
RT: 10.775 min Scan# 2950
Delta R.T. 0.000 min
Lab File: VU058374.D
Acq: 04 Apr 2024 17:40

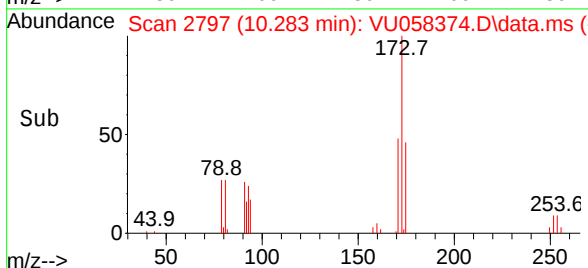
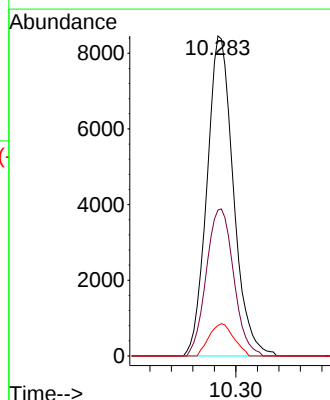
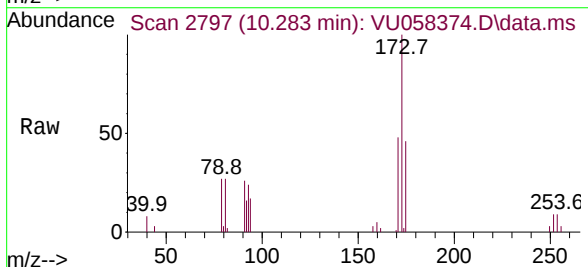
Instrument :
MSVOA_U
ClientSampleId :

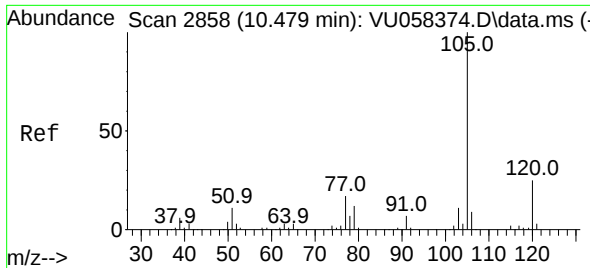
Tgt Ion: 83 Resp: 29005
Ion Ratio Lower Upper
83 100
85 64.4 45.1 83.7
131 8.6 6.9 10.3



#59
Bromoform
Concen: 6.178 ug/L
RT: 10.283 min Scan# 2797
Delta R.T. 0.000 min
Lab File: VU058374.D
Acq: 04 Apr 2024 17:40

Tgt Ion:173 Resp: 14438
Ion Ratio Lower Upper
173 100
175 47.5 38.0 57.0
254 9.4 7.5 11.3

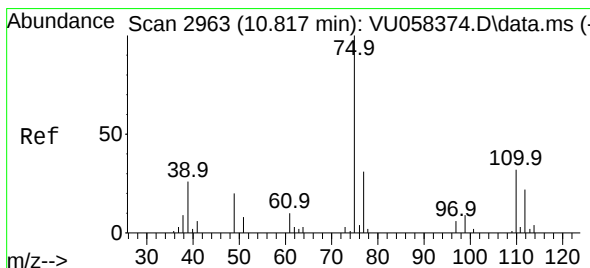
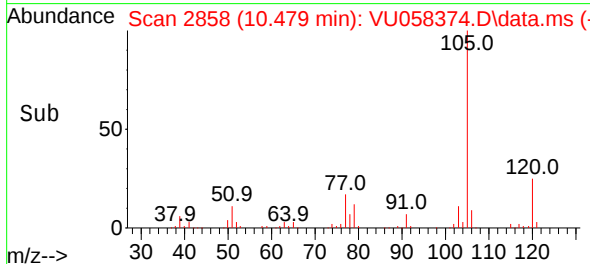
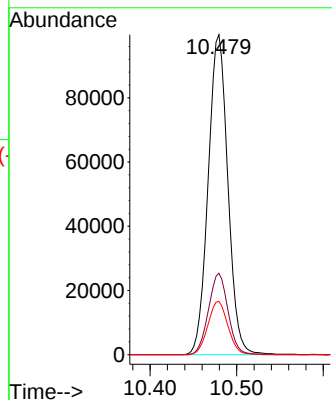
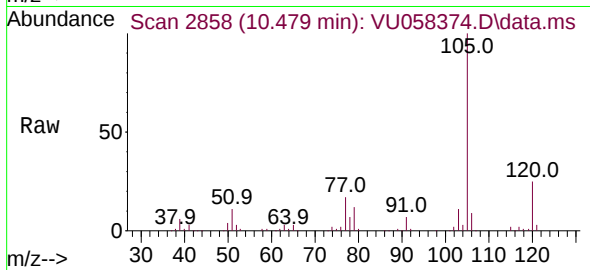




#60
Isopropylbenzene
Concen: 5.953 ug/L
RT: 10.479 min Scan# 2858
Delta R.T. 0.000 min
Lab File: VU058374.D
Acq: 04 Apr 2024 17:40

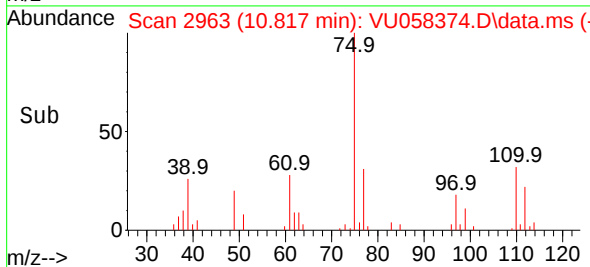
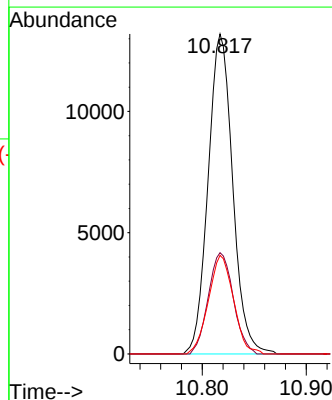
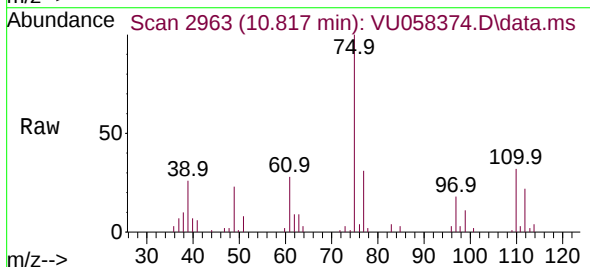
Instrument :
MSVOA_U
ClientSampleId :

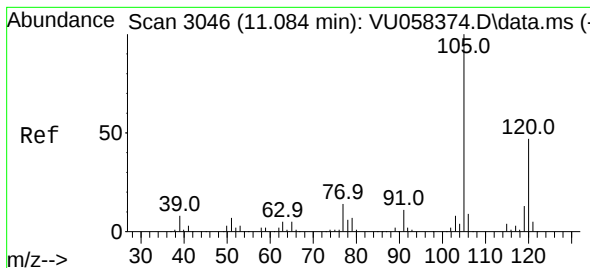
Tgt Ion:105 Resp: 157370
Ion Ratio Lower Upper
105 100
120 25.3 20.2 30.4
77 16.9 13.5 20.3



#61
1,2,3-Trichloropropane
Concen: 5.869 ug/L
RT: 10.817 min Scan# 2963
Delta R.T. 0.000 min
Lab File: VU058374.D
Acq: 04 Apr 2024 17:40

Tgt Ion: 75 Resp: 21660
Ion Ratio Lower Upper
75 100
110 32.2 25.8 38.6
77 31.4 25.1 37.7





#62

1,3,5-Trimethylbenzene

Concen: 5.832 ug/L

RT: 11.084 min Scan# 3046

Delta R.T. 0.000 min

Lab File: VU058374.D

Acq: 04 Apr 2024 17:40

Instrument :

MSVOA_U

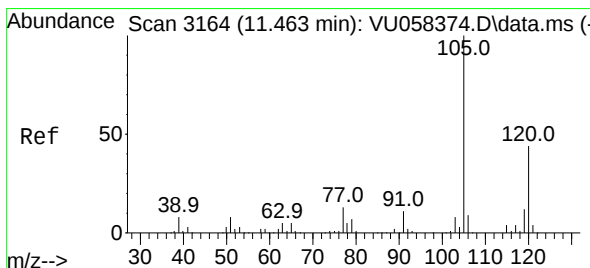
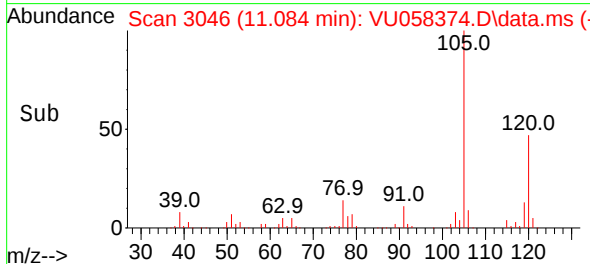
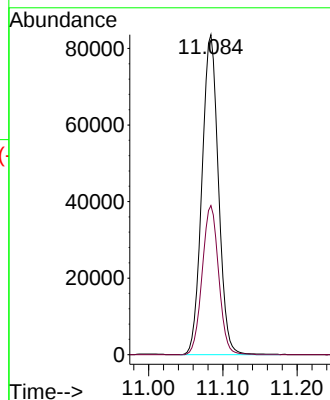
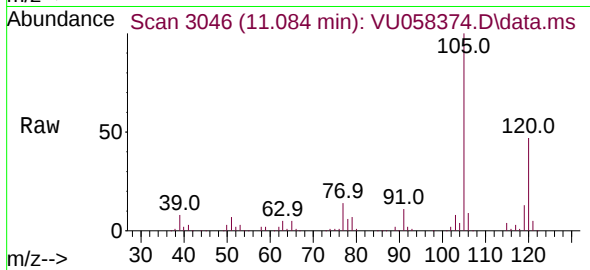
ClientSampleId :

Tgt Ion:105 Resp: 128720

Ion Ratio Lower Upper

105 100

120 46.5 37.2 55.8



#63

1,2,4-Trimethylbenzene

Concen: 5.977 ug/L

RT: 11.463 min Scan# 3164

Delta R.T. 0.000 min

Lab File: VU058374.D

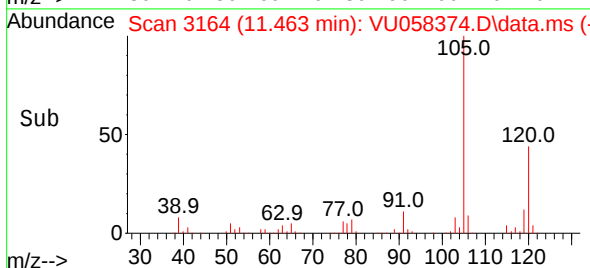
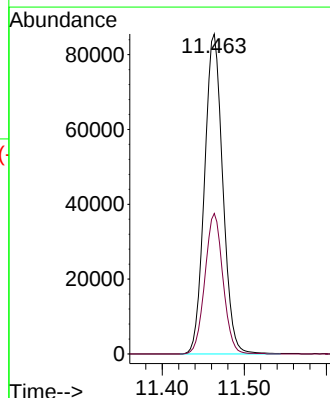
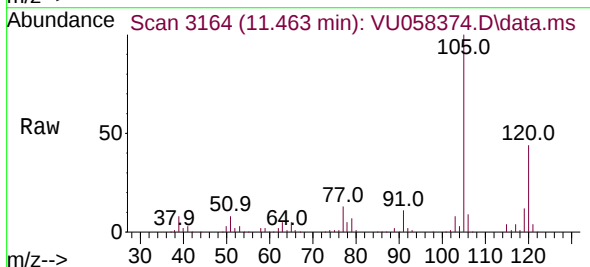
Acq: 04 Apr 2024 17:40

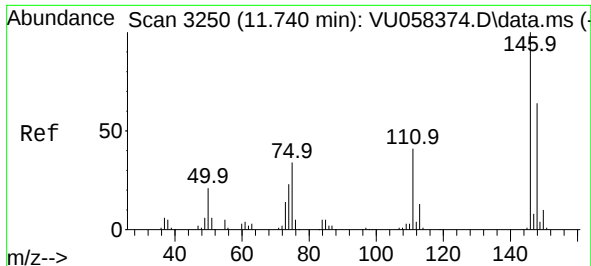
Tgt Ion:105 Resp: 132063

Ion Ratio Lower Upper

105 100

120 43.4 34.7 52.1





#64

1,3-Dichlorobenzene

Concen: 5.874 ug/L

RT: 11.740 min Scan# 31

Delta R.T. 0.000 min

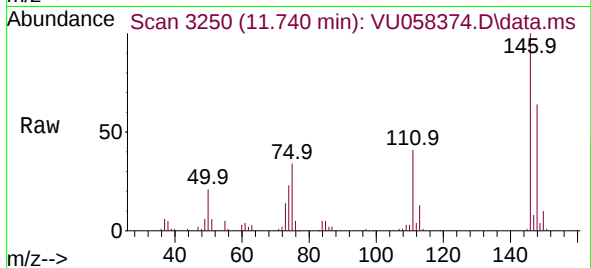
Lab File: VU058374.D

Acq: 04 Apr 2024 17:40

Instrument :

MSVOA_U

ClientSampleId :



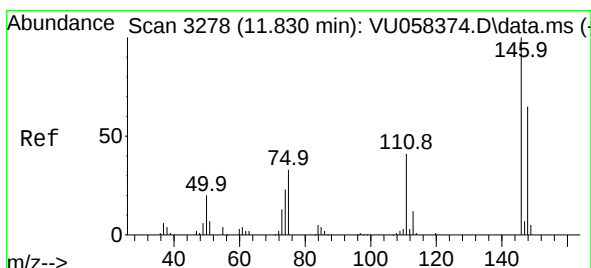
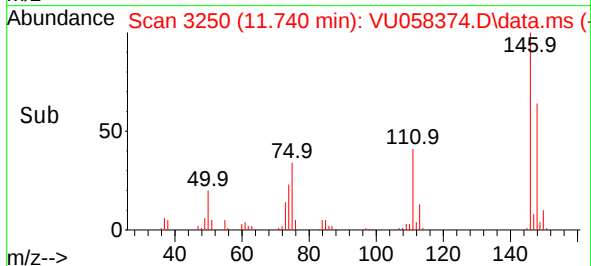
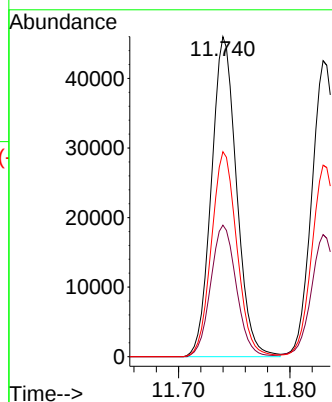
Tgt Ion:146 Resp: 72334

Ion Ratio Lower Upper

146 100

111 41.1 28.8 53.4

148 64.1 44.9 83.3



#65

1,4-Dichlorobenzene

Concen: 5.829 ug/L

RT: 11.830 min Scan# 3278

Delta R.T. 0.000 min

Lab File: VU058374.D

Acq: 04 Apr 2024 17:40

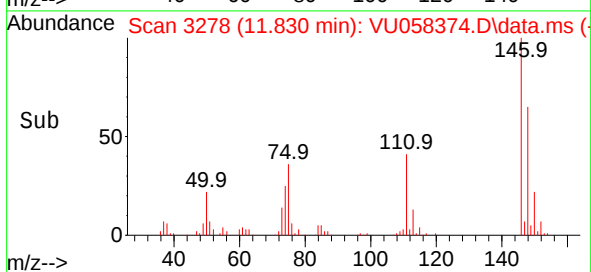
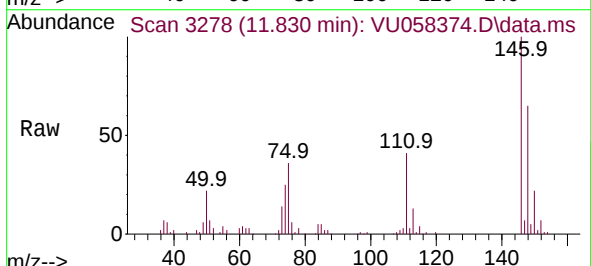
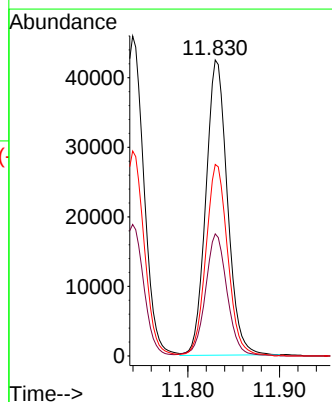
Tgt Ion:146 Resp: 69345

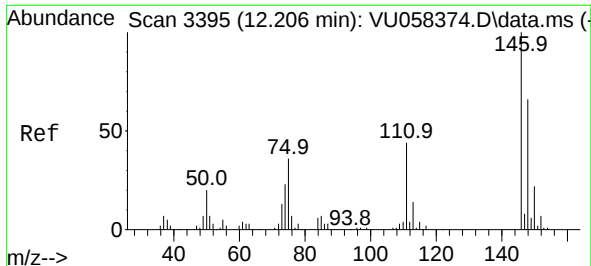
Ion Ratio Lower Upper

146 100

111 41.2 28.8 53.6

148 64.7 45.3 84.1





#67

1,2-Dichlorobenzene

Concen: 5.790 ug/L

RT: 12.206 min Scan# 3395

Delta R.T. 0.000 min

Lab File: VU058374.D

Acq: 04 Apr 2024 17:40

Instrument :

MSVOA_U

ClientSampleId :

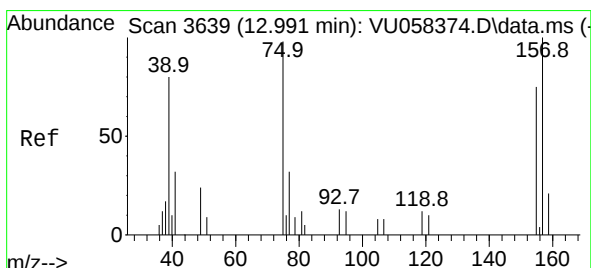
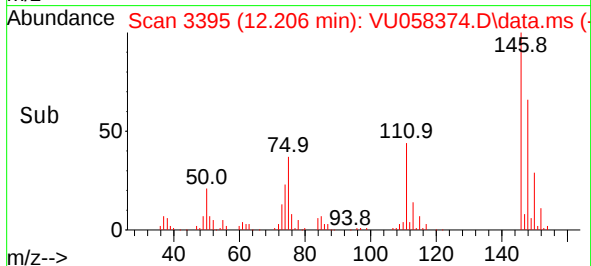
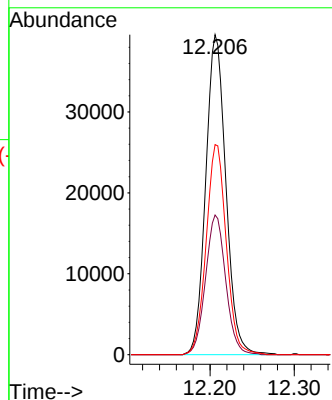
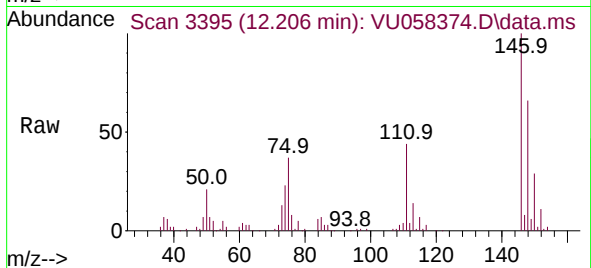
Tgt Ion:146 Resp: 65747

Ion Ratio Lower Upper

146 100

111 43.7 35.0 52.4

148 65.6 52.5 78.7



#68

1,2-Dibromo-3-chloropropane

Concen: 6.711 ug/L

RT: 12.991 min Scan# 3639

Delta R.T. 0.000 min

Lab File: VU058374.D

Acq: 04 Apr 2024 17:40

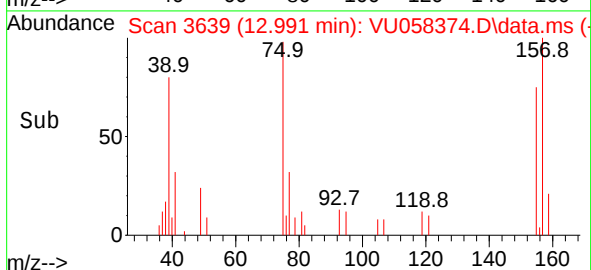
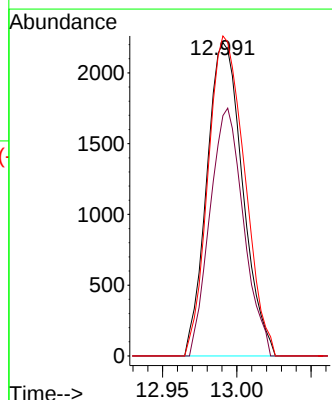
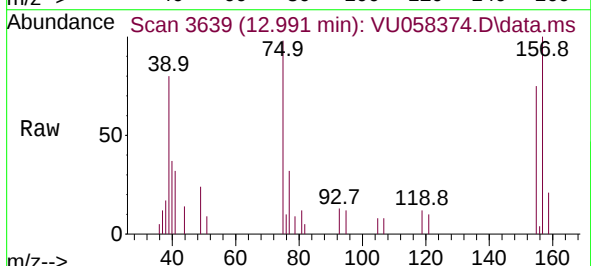
Tgt Ion: 75 Resp: 3722

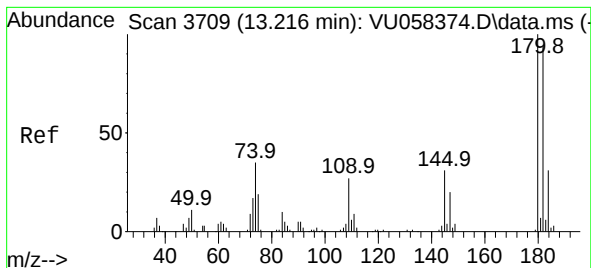
Ion Ratio Lower Upper

75 100

155 76.7 61.4 92.0

157 102.1 81.7 122.5





#69

1,3,5-Trichlorobenzene

Concen: 6.132 ug/L

RT: 13.216 min Scan# 3709

Delta R.T. 0.000 min

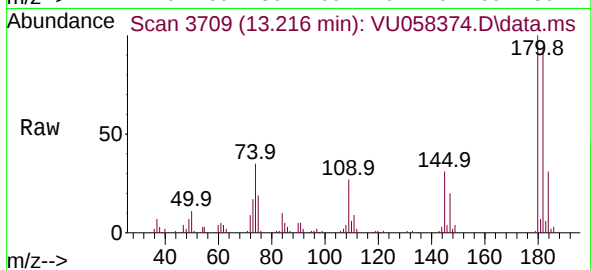
Lab File: VU058374.D

Acq: 04 Apr 2024 17:40

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 53497

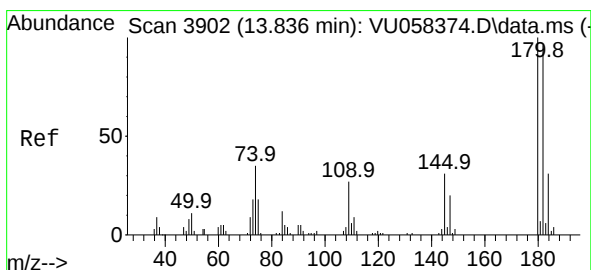
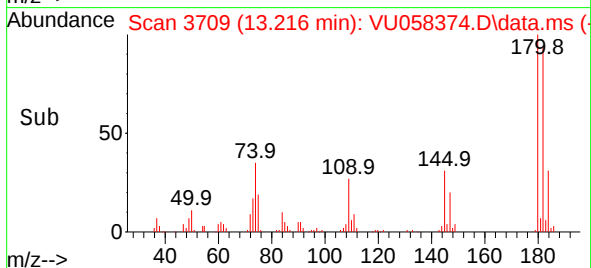
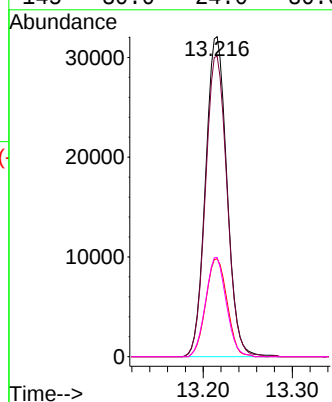
Ion Ratio Lower Upper

180 100

182 94.6 75.7 113.5

184 30.4 24.3 36.5

145 30.0 24.0 36.0



#70

1,2,4-trichlorobenzene

Concen: 5.856 ug/L

RT: 13.836 min Scan# 3902

Delta R.T. 0.000 min

Lab File: VU058374.D

Acq: 04 Apr 2024 17:40

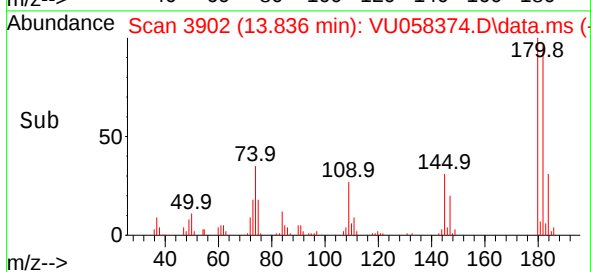
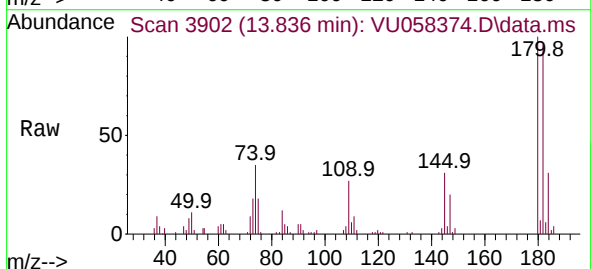
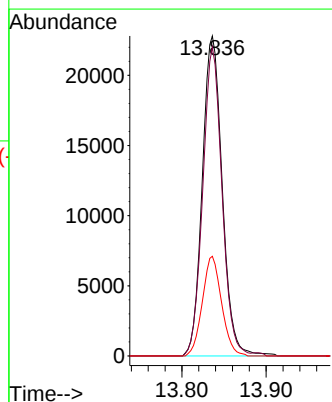
Tgt Ion:180 Resp: 37581

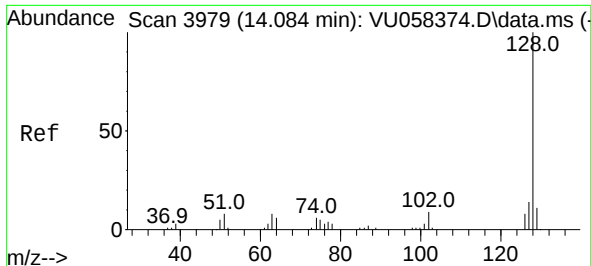
Ion Ratio Lower Upper

180 100

182 93.0 74.4 111.6

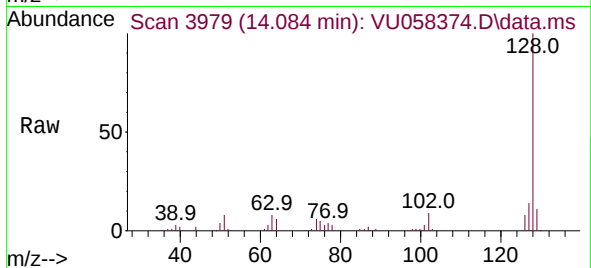
145 30.1 24.1 36.1



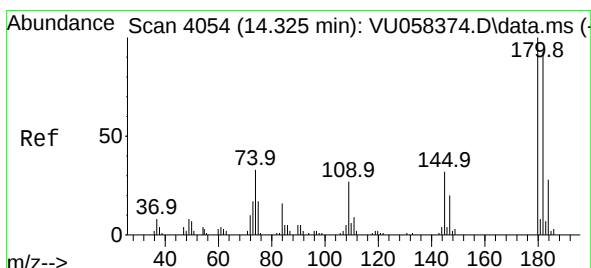
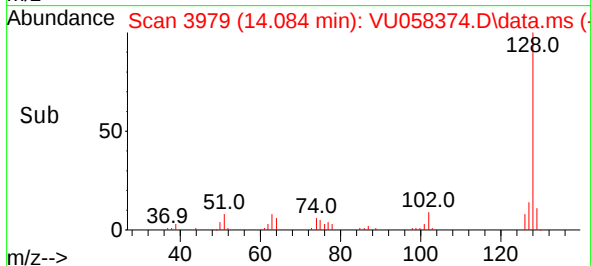
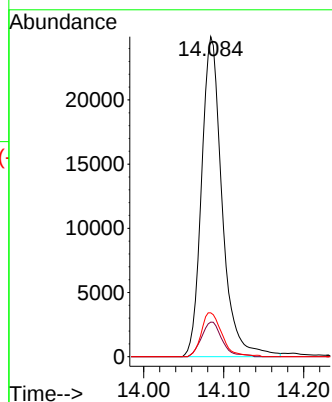


#71
Naphthalene
Concen: 5.205 ug/L
RT: 14.084 min Scan# 3979
Delta R.T. 0.000 min
Lab File: VU058374.D
Acq: 04 Apr 2024 17:40

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 44639
Ion Ratio Lower Upper
128 100
129 10.8 8.6 13.0
127 13.8 11.0 16.6



#72
1,2,3-Trichlorobenzene
Concen: 5.859 ug/L
RT: 14.325 min Scan# 4054
Delta R.T. 0.000 min
Lab File: VU058374.D
Acq: 04 Apr 2024 17:40

Tgt Ion:180 Resp: 30833
Ion Ratio Lower Upper
180 100
182 94.9 75.9 113.9
145 31.5 25.2 37.8

