

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102423\
 Data File : VU055864.D
 Acq On : 24 Oct 2023 11:13
 Operator : MD/SY
 Sample : VSTD02071
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 25 05:02:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102423WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Oct 25 04:59:46 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	379262	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	367782	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	203617	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	619895	40.478	ug/L	0.00
7) Chloroethane-d5	1.910	69	454922	26.593	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.563	65	270057	34.054	ug/L	0.00
20) 2-Butanone-d5	4.621	46	1229158	194.938	ug/L	0.00
24) Chloroform-d	5.058	84	1186457	25.556	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.698	65	573621	23.711	ug/L	0.00
32) Benzene-d6	5.721	84	2387304	27.182	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.685	67	708337	23.840	ug/L	0.00
41) Toluene-d8	7.894	98	2220456	26.646	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.174	79	284634	28.227	ug/L	0.00
46) 2-Hexanone-d5	8.630	63	887387	206.691	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.753	84	537730	21.724	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.190	152	801136	24.084	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	446861	19.377	ug/L	98
3) Chloromethane	1.518	50	422572	17.686	ug/L	99
5) Vinyl chloride	1.602	62	472333	19.057	ug/L	97
6) Bromomethane	1.856	94	283121	18.248	ug/L	99
8) Chloroethane	1.930	64	257447	15.972	ug/L	99
9) Trichlorofluoromethane	2.136	101	666519	18.987	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.579	101	431900	21.811	ug/L	98
12) 1,1-Dichloroethene	2.576	96	390771	22.554	ug/L	99
13) Acetone	2.637	43	632581	182.069	ug/L	99
14) Carbon disulfide	2.788	76	982273	20.807	ug/L	100
15) Methyl Acetate	2.949	43	139218	19.934	ug/L	97
16) Methylene chloride	3.039	84	426205	16.299	ug/L	99
17) Methyl tert-butyl Ether	3.357	73	991932	20.201	ug/L	100
18) trans-1,2-Dichloroethene	3.348	96	390963	20.911	ug/L	97
19) 1,1-Dichloroethane	3.862	63	791429	20.403	ug/L	98
21) 2-Butanone	4.701	43	1004082	189.789	ug/L	97
22) cis-1,2-Dichloroethene	4.660	96	467661	21.353	ug/L	97
23) Bromochloromethane	4.968	128	193948	20.365	ug/L	97
25) Chloroform	5.081	83	832473	19.622	ug/L	99
27) 1,2-Dichloroethane	5.788	62	497102	19.156	ug/L	100
29) 1,1,1-Trichloroethane	5.312	97	724897	20.057	ug/L	99
30) Cyclohexane	5.383	56	654804	20.853	ug/L	98
31) Carbon tetrachloride	5.521	117	622148	20.266	ug/L	97
33) Benzene	5.769	78	1747820	20.370	ug/L	100
34) Trichloroethene	6.537	95	484670	20.491	ug/L	99
35) Methylcyclohexane	6.759	83	719633	20.823	ug/L	97
37) 1,2-Dichloropropane	6.785	63	463873	19.581	ug/L	100
38) Bromodichloromethane	7.100	83	596408	20.215	ug/L	100
39) cis-1,3-Dichloropropene	7.602	75	725257	21.346	ug/L	97
40) 4-Methyl-2-pentanone	7.785	43	2412471	186.143	ug/L	99
42) Toluene	7.965	91	1892137	20.057	ug/L	99
44) trans-1,3-Dichloropropene	8.206	75	585017	20.874	ug/L	99

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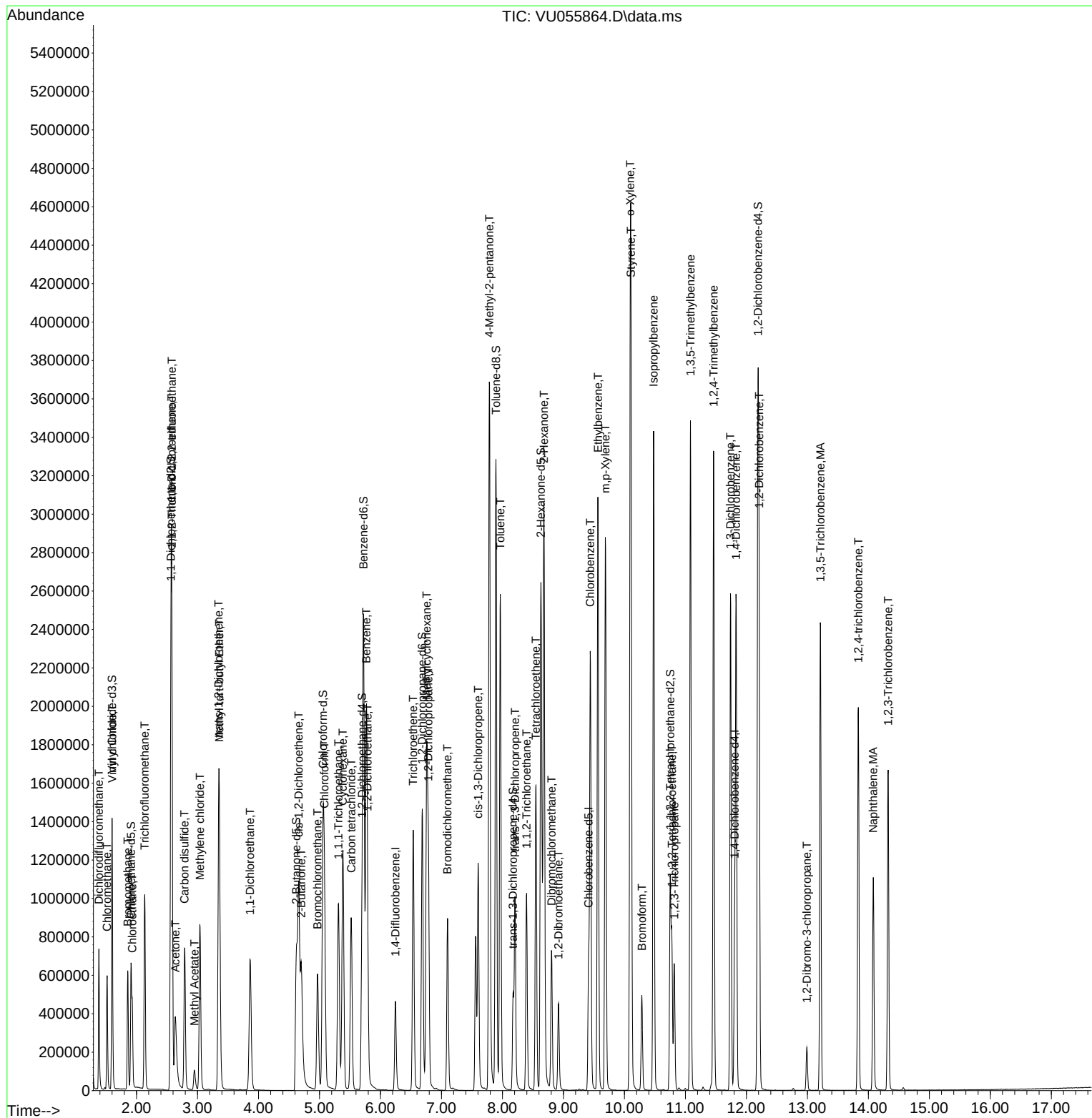
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.396	97	325352	20.322	ug/L	98
47) Tetrachloroethene	8.550	164	346891	20.337	ug/L	97
48) 2-Hexanone	8.682	43	1928175	197.966	ug/L	99
49) Dibromochloromethane	8.804	129	378742	20.241	ug/L	100
50) 1,2-Dibromoethane	8.920	107	309033	20.070	ug/L	100
51) Chlorobenzene	9.441	112	1210716	19.726	ug/L	99
52) Ethylbenzene	9.566	91	2184476	20.620	ug/L	100
53) m,p-Xylene	9.688	106	831521	20.936	ug/L	97
54) o-Xylene	10.097	106	811283	21.203	ug/L	100
55) Styrene	10.110	104	1389933	22.075	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.778	83	396227	20.076	ug/L	98
59) Bromoform	10.286	173	222101	21.832	ug/L	99
60) Isopropylbenzene	10.479	105	2231319	20.820	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	283688	19.031	ug/L	98
62) 1,3,5-Trimethylbenzene	11.084	105	1904059	20.949	ug/L	100
63) 1,2,4-Trimethylbenzene	11.463	105	1835763	21.793	ug/L	100
64) 1,3-Dichlorobenzene	11.740	146	1022562	20.438	ug/L	98
65) 1,4-Dichlorobenzene	11.833	146	1023576	20.468	ug/L	99
67) 1,2-Dichlorobenzene	12.209	146	942381	20.724	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.990	75	59770	21.178	ug/L	94
69) 1,3,5-Trichlorobenzene	13.215	180	736260	22.028	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	589171	22.791	ug/L	99
71) Naphthalene	14.080	128	900688	23.170	ug/L	100
72) 1,2,3-Trichlorobenzene	14.325	180	501634	23.195	ug/L	98

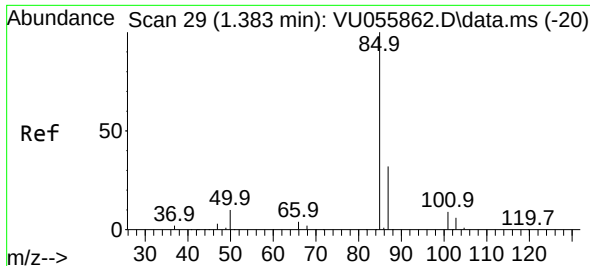
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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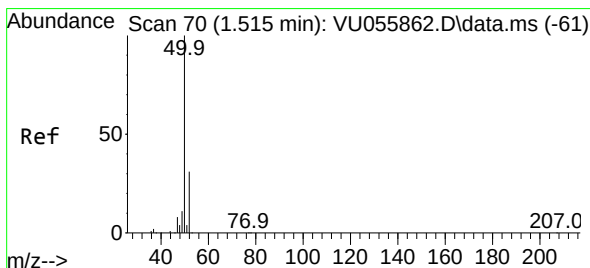
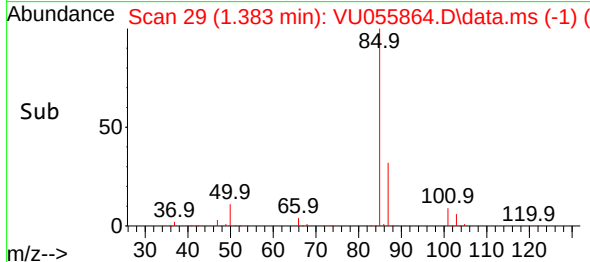
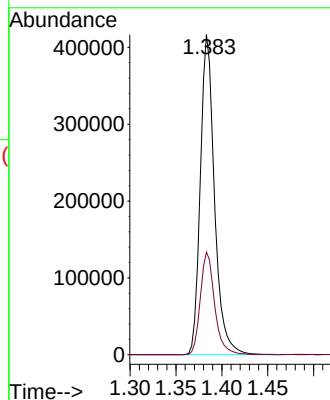
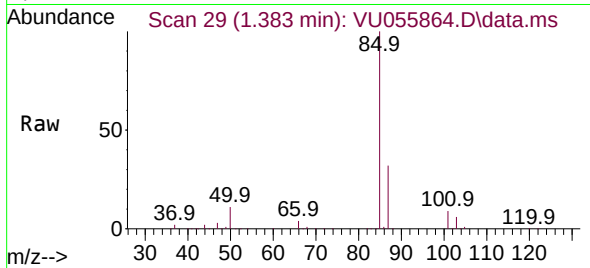




#2
 Dichlorodifluoromethane
 Concen: 19.377 ug/L
 RT: 1.383 min Scan# 29
 Delta R.T. -0.000 min
 Lab File: VU055864.D
 Acq: 24 Oct 2023 11:13

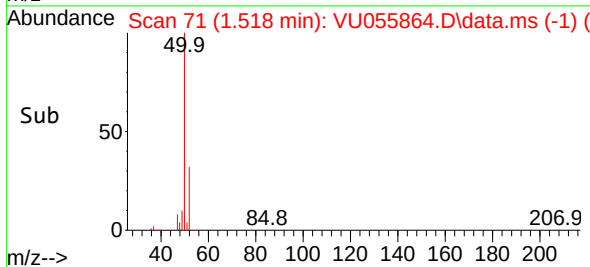
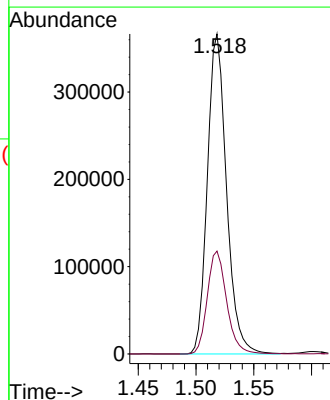
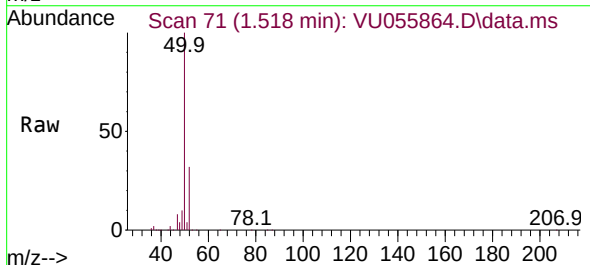
Instrument :
 MSVOA_U
 ClientSampleId :

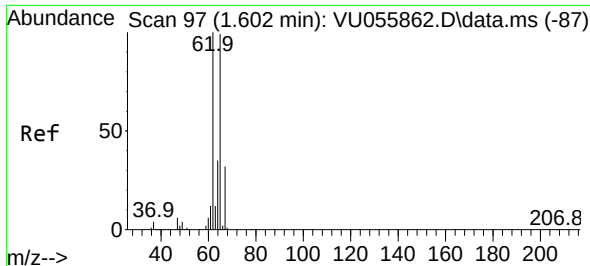
Tgt Ion: 85 Resp: 446861
 Ion Ratio Lower Upper
 85 100
 87 32.4 25.0 37.4



#3
 Chloromethane
 Concen: 17.686 ug/L
 RT: 1.518 min Scan# 71
 Delta R.T. 0.003 min
 Lab File: VU055864.D
 Acq: 24 Oct 2023 11:13

Tgt Ion: 50 Resp: 422572
 Ion Ratio Lower Upper
 50 100
 52 32.2 22.0 40.8

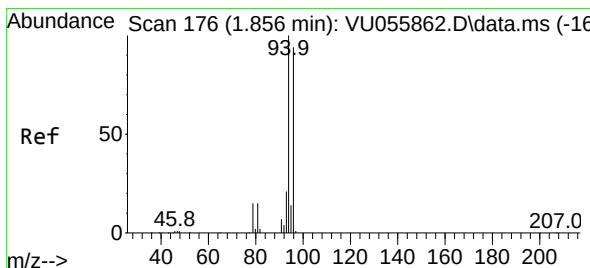
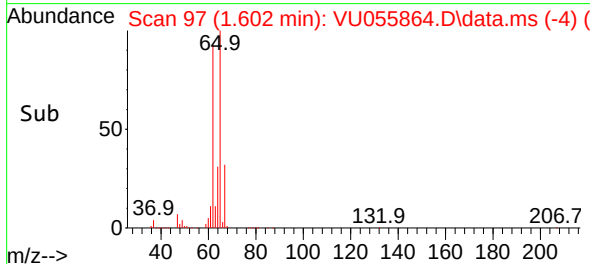
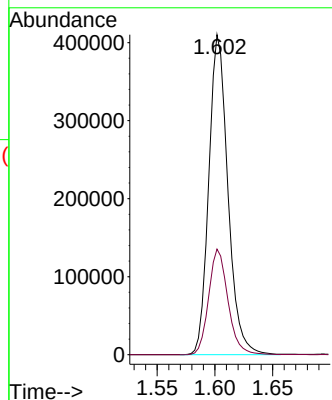
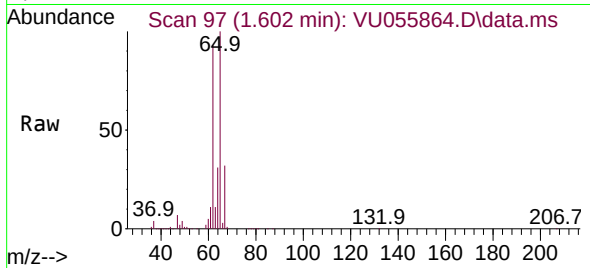




#5
 Vinyl chloride
 Concen: 19.057 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VU055864.D
 Acq: 24 Oct 2023 11:13

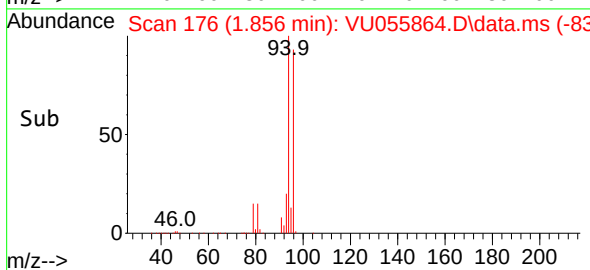
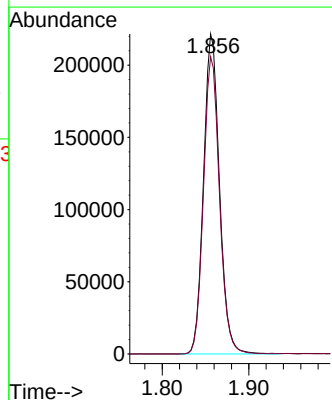
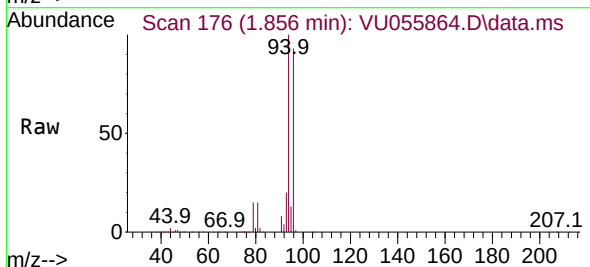
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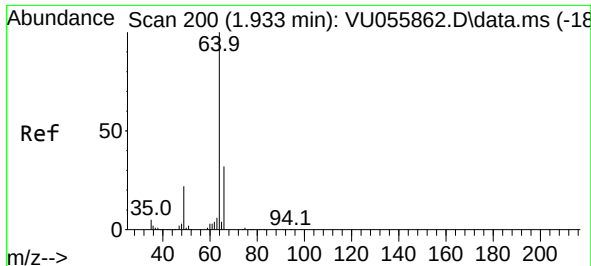
Tgt Ion: 62 Resp: 472333
 Ion Ratio Lower Upper
 62 100
 64 33.0 24.2 45.0



#6
 Bromomethane
 Concen: 18.248 ug/L
 RT: 1.856 min Scan# 176
 Delta R.T. -0.000 min
 Lab File: VU055864.D
 Acq: 24 Oct 2023 11:13

Tgt Ion: 94 Resp: 283121
 Ion Ratio Lower Upper
 94 100
 96 92.9 65.9 122.5

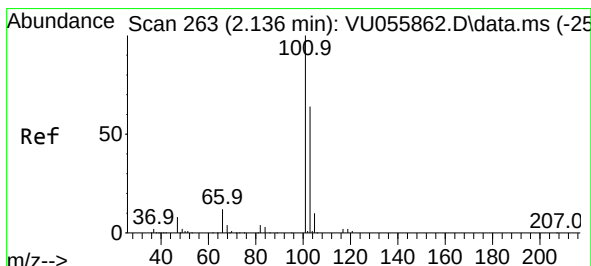
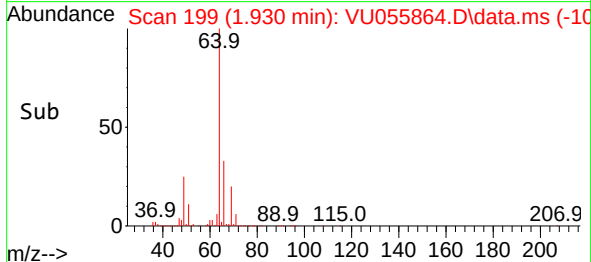
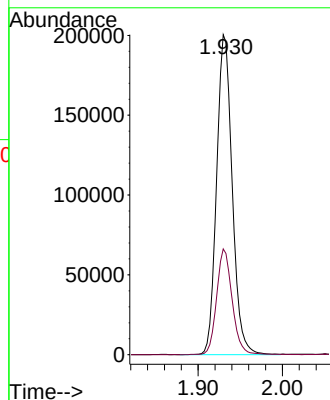
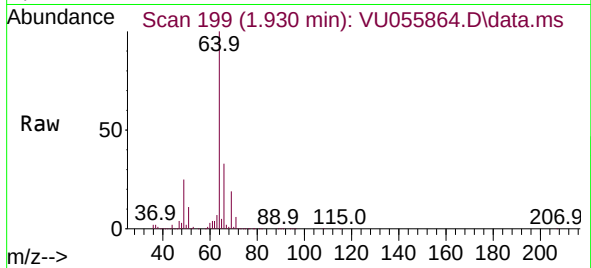




#8
Chloroethane
Concen: 15.972 ug/L
RT: 1.930 min Scan# 199
Delta R.T. -0.003 min
Lab File: VU055864.D
Acq: 24 Oct 2023 11:13

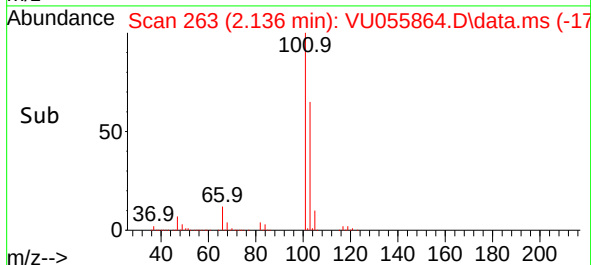
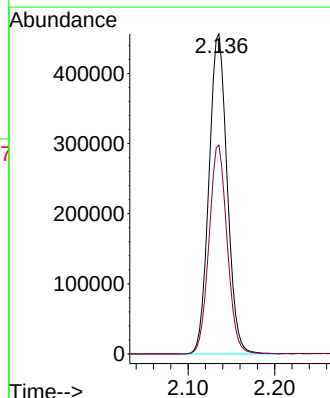
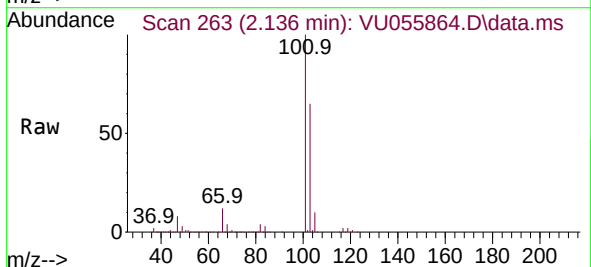
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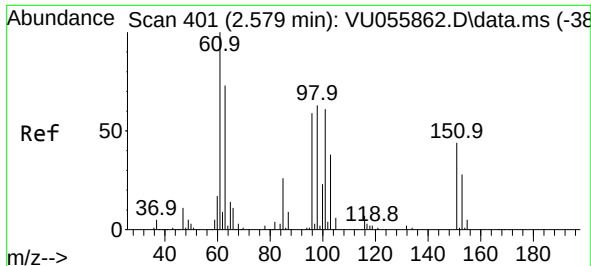
Tgt Ion: 64 Resp: 257447
Ion Ratio Lower Upper
64 100
66 33.0 22.7 42.1



#9
Trichlorofluoromethane
Concen: 18.987 ug/L
RT: 2.136 min Scan# 263
Delta R.T. -0.000 min
Lab File: VU055864.D
Acq: 24 Oct 2023 11:13

Tgt Ion: 101 Resp: 666519
Ion Ratio Lower Upper
101 100
103 65.0 52.2 78.2

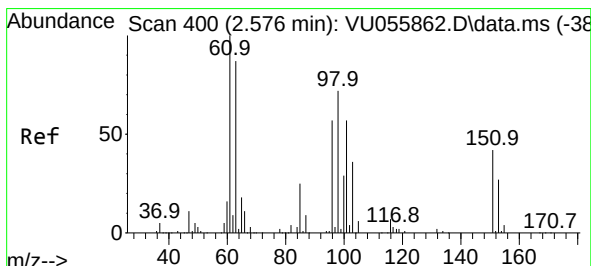
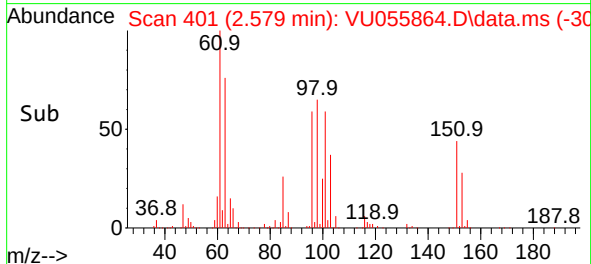
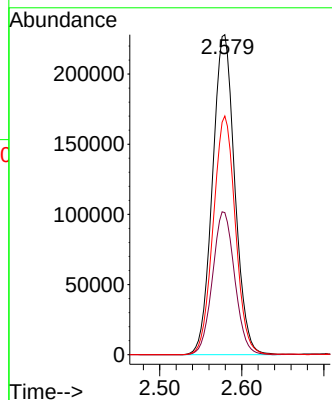
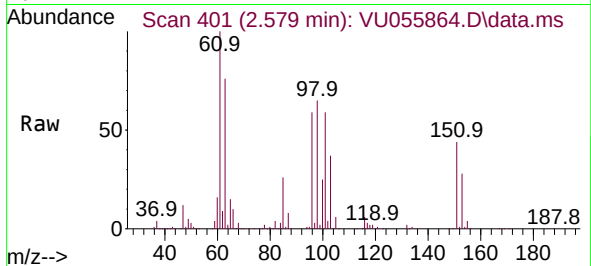




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 21.811 ug/L
 RT: 2.579 min Scan# 401
 Delta R.T. -0.000 min
 Lab File: VU055864.D
 Acq: 24 Oct 2023 11:13

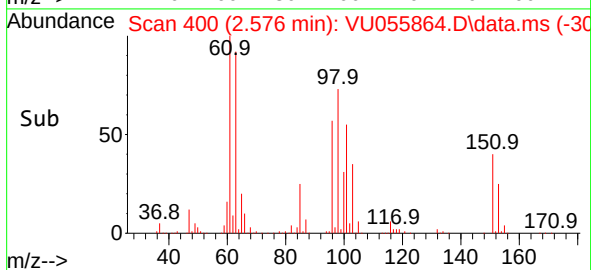
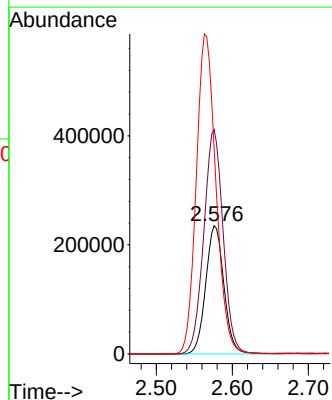
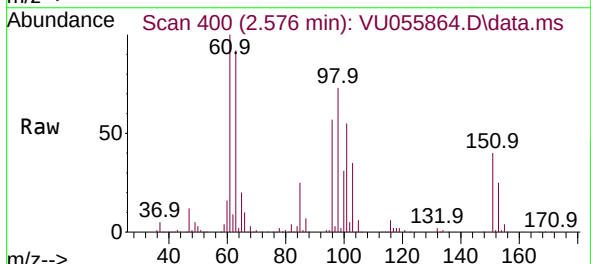
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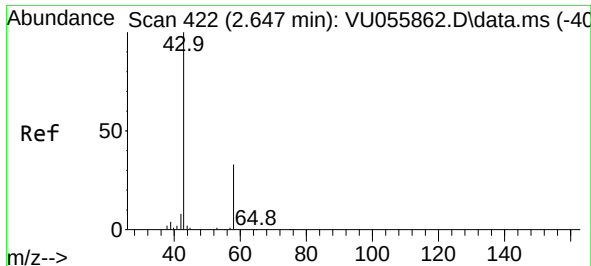
Tgt Ion:101 Resp: 431900
 Ion Ratio Lower Upper
 101 100
 85 44.3 34.4 51.6
 151 74.1 58.4 87.6



#12
 1,1-Dichloroethene
 Concen: 22.554 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. -0.000 min
 Lab File: VU055864.D
 Acq: 24 Oct 2023 11:13

Tgt Ion: 96 Resp: 390771
 Ion Ratio Lower Upper
 96 100
 61 175.0 123.8 230.0
 63 160.4 111.0 206.2





#13

Acetone

Concen: 182.069 ug/L

RT: 2.637 min Scan# 419

Delta R.T. -0.010 min

Lab File: VU055864.D

Acq: 24 Oct 2023 11:13

Instrument :

MSVOA_U

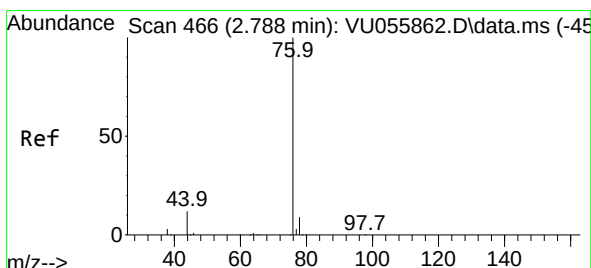
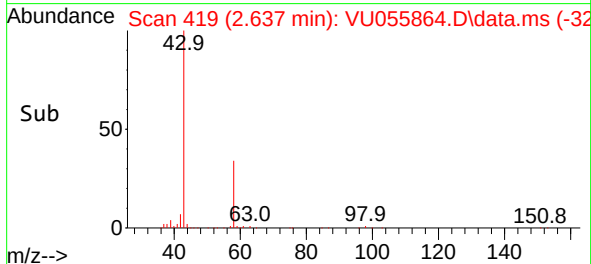
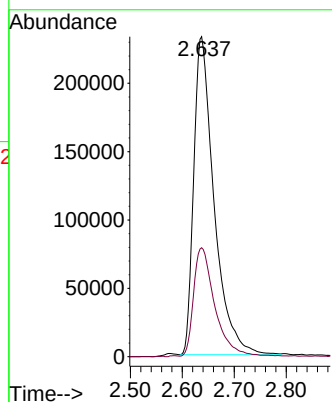
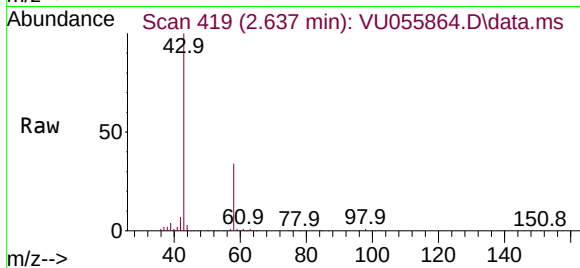
ClientSampleId :

Tgt Ion: 43 Resp: 632581

Ion Ratio Lower Upper

43 100

58 35.1 0.0 69.0



#14

Carbon disulfide

Concen: 20.807 ug/L

RT: 2.788 min Scan# 466

Delta R.T. -0.000 min

Lab File: VU055864.D

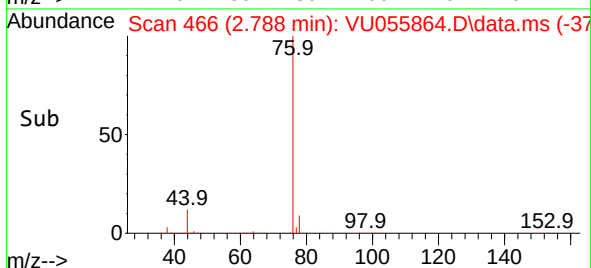
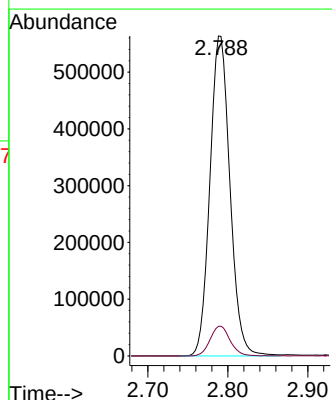
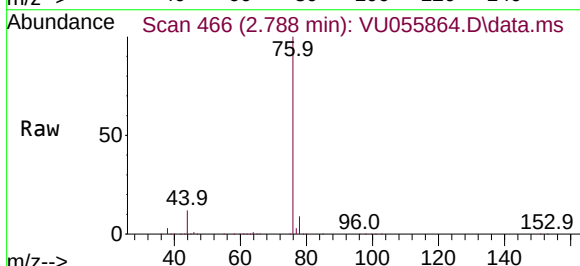
Acq: 24 Oct 2023 11:13

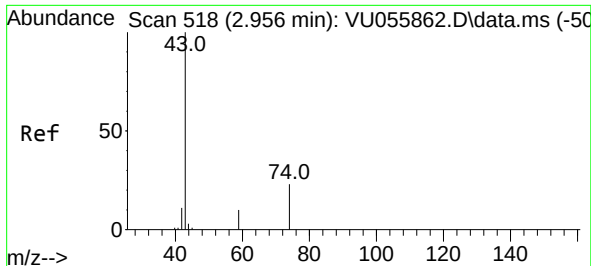
Tgt Ion: 76 Resp: 982273

Ion Ratio Lower Upper

76 100

78 9.2 7.5 11.3

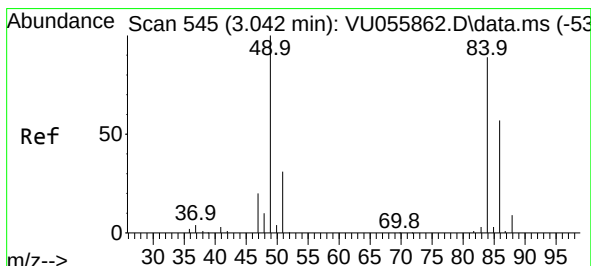
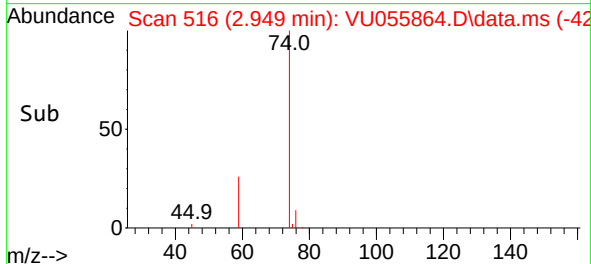
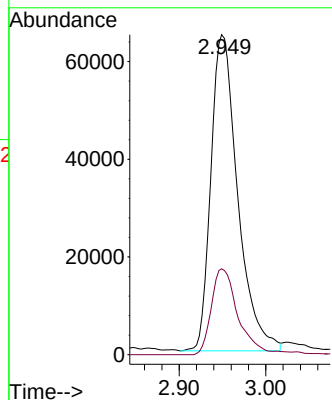
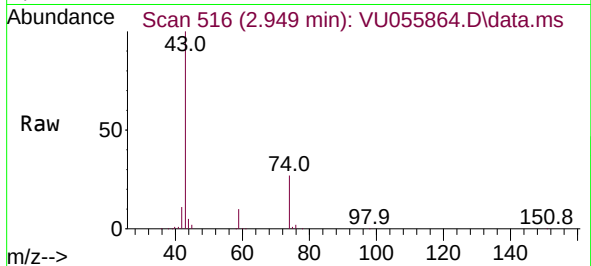




#15
Methyl Acetate
Concen: 19.934 ug/L
RT: 2.949 min Scan# 51
Delta R.T. -0.007 min
Lab File: VU055864.D
Acq: 24 Oct 2023 11:13

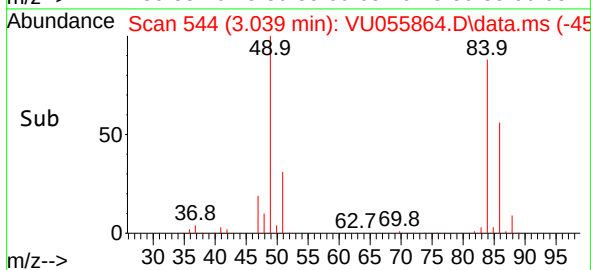
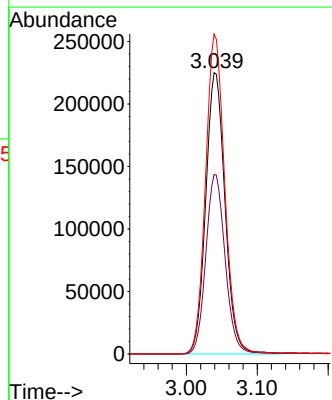
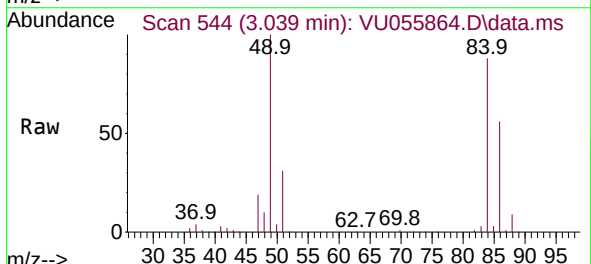
Instrument :
MSVOA_U
ClientSampleId :

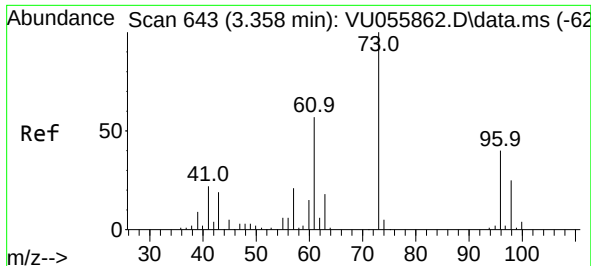
Tgt Ion: 43 Resp: 139218
Ion Ratio Lower Upper
43 100
74 26.6 19.9 29.9



#16
Methylene chloride
Concen: 16.299 ug/L
RT: 3.039 min Scan# 544
Delta R.T. -0.003 min
Lab File: VU055864.D
Acq: 24 Oct 2023 11:13

Tgt Ion: 84 Resp: 426205
Ion Ratio Lower Upper
84 100
86 63.8 45.2 84.0
49 113.8 78.8 146.3

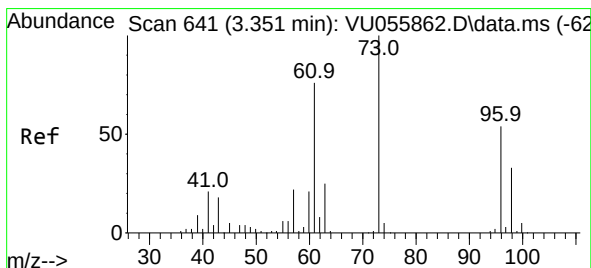
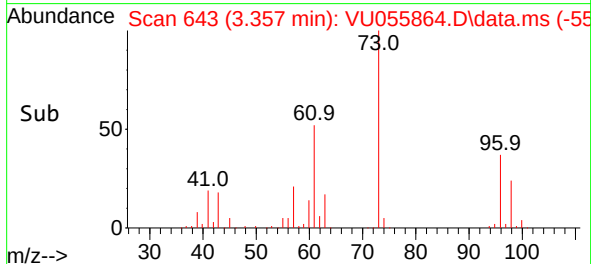
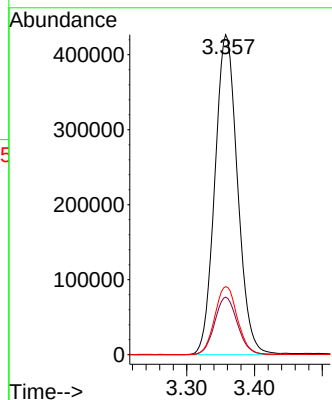
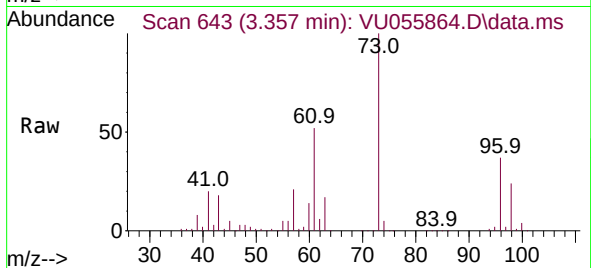




#17
Methyl tert-butyl Ether
Concen: 20.201 ug/L
RT: 3.357 min Scan# 64
Delta R.T. -0.000 min
Lab File: VU055864.D
Acq: 24 Oct 2023 11:13

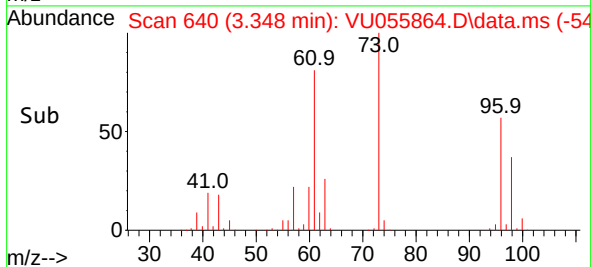
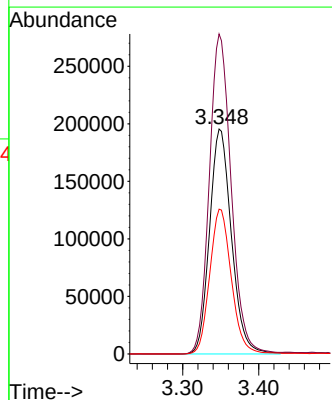
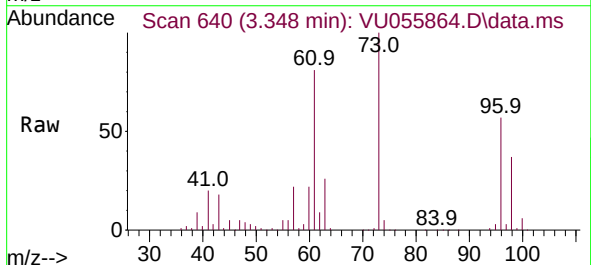
Instrument :
MSVOA_U
ClientSampleId :

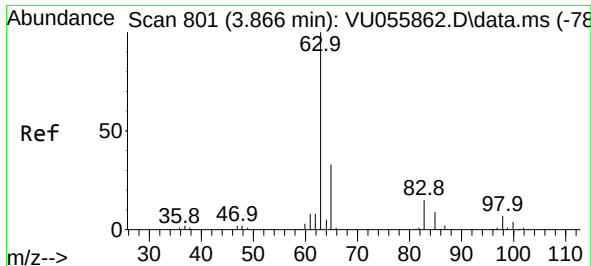
Tgt Ion: 73 Resp: 991932
Ion Ratio Lower Upper
73 100
43 18.1 14.4 21.6
57 21.3 17.0 25.4



#18
trans-1,2-Dichloroethene
Concen: 20.911 ug/L
RT: 3.348 min Scan# 640
Delta R.T. -0.003 min
Lab File: VU055864.D
Acq: 24 Oct 2023 11:13

Tgt Ion: 96 Resp: 390963
Ion Ratio Lower Upper
96 100
61 142.2 97.5 181.1
98 64.4 42.7 79.3





#19

1,1-Dichloroethane

Concen: 20.403 ug/L

RT: 3.862 min Scan# 801

Delta R.T. -0.003 min

Lab File: VU055864.D

Acq: 24 Oct 2023 11:13

Instrument :

MSVOA_U

ClientSampleId :

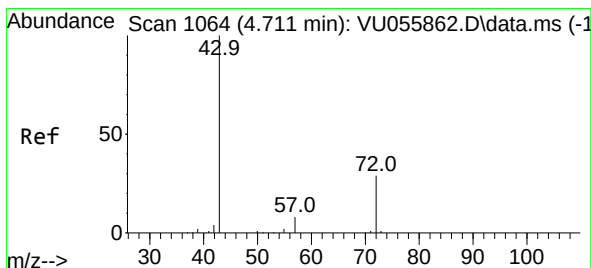
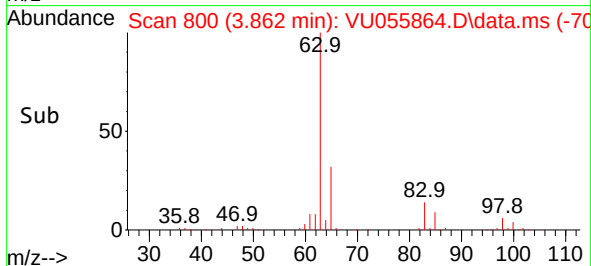
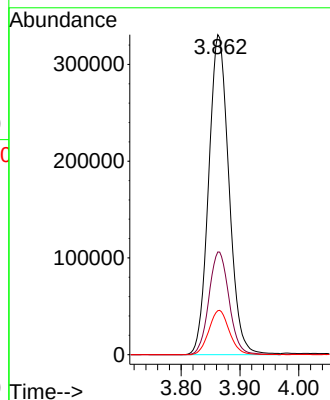
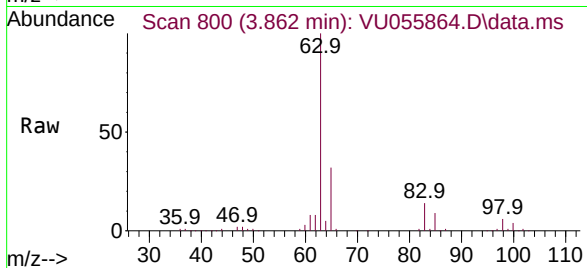
Tgt Ion: 63 Resp: 791429

Ion Ratio Lower Upper

63 100

65 32.1 23.3 43.3

83 13.8 10.5 19.5



#21

2-Butanone

Concen: 189.789 ug/L

RT: 4.701 min Scan# 1061

Delta R.T. -0.010 min

Lab File: VU055864.D

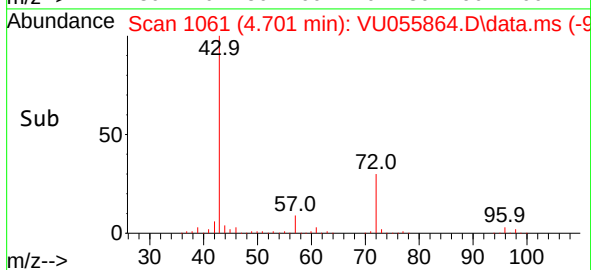
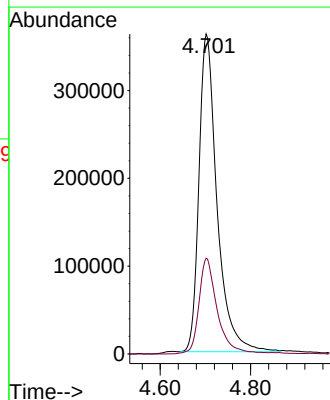
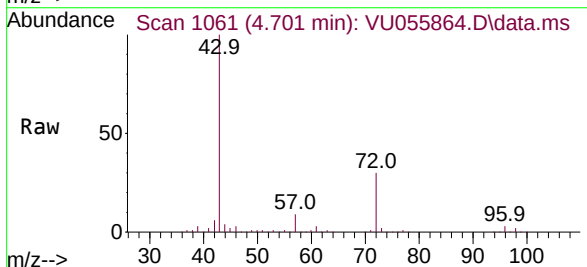
Acq: 24 Oct 2023 11:13

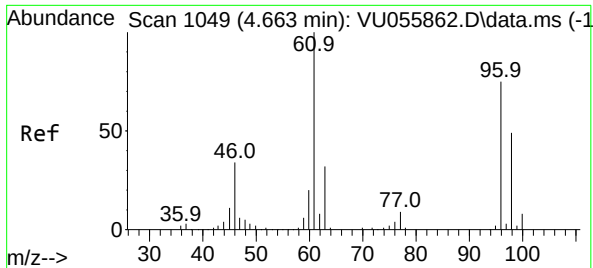
Tgt Ion: 43 Resp: 1004082

Ion Ratio Lower Upper

43 100

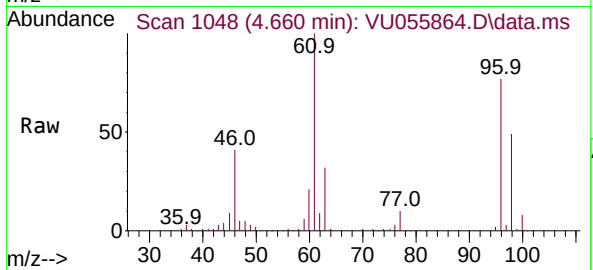
72 30.6 14.4 43.4



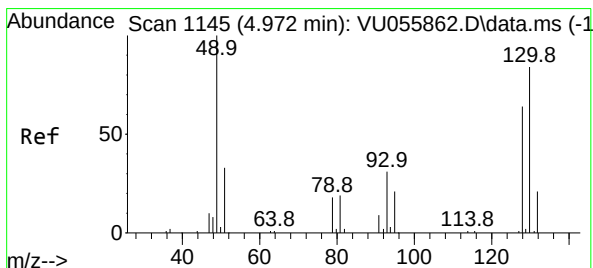
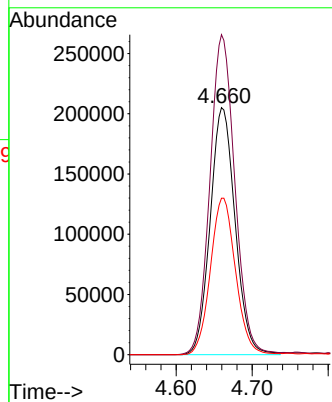
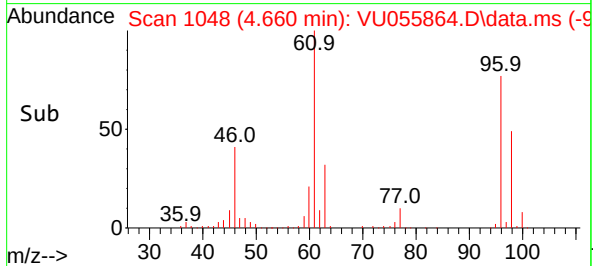


#22
cis-1,2-Dichloroethene
Concen: 21.353 ug/L
RT: 4.660 min Scan# 1048
Delta R.T. -0.003 min
Lab File: VU055864.D
Acq: 24 Oct 2023 11:13

Instrument :
MSVOA_U
ClientSampleId :

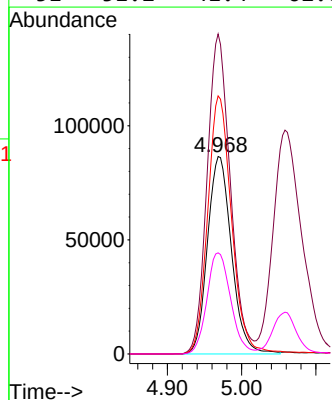
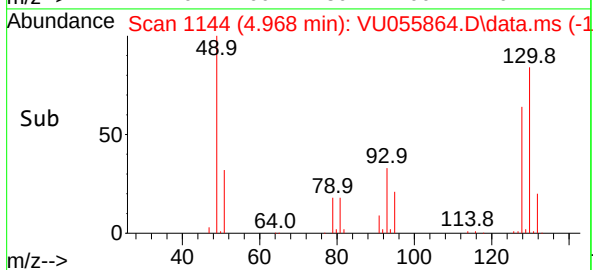
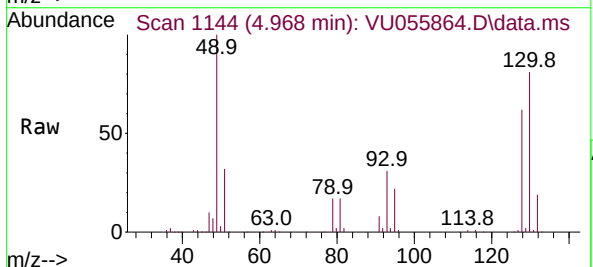


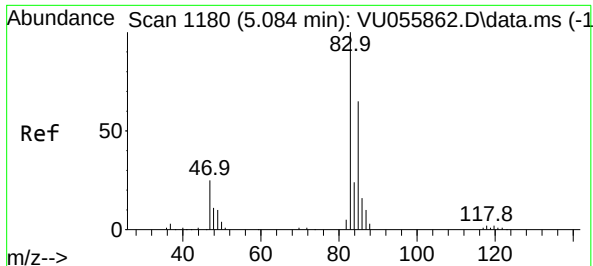
Tgt Ion: 96 Resp: 467661
Ion Ratio Lower Upper
96 100
61 129.6 93.8 174.2
98 63.4 45.6 84.8



#23
Bromochloromethane
Concen: 20.365 ug/L
RT: 4.968 min Scan# 1144
Delta R.T. -0.003 min
Lab File: VU055864.D
Acq: 24 Oct 2023 11:13

Tgt Ion: 128 Resp: 193948
Ion Ratio Lower Upper
128 100
49 162.1 108.7 201.9
130 130.7 91.5 169.9
51 51.2 41.4 62.0





#25

Chloroform

Concen: 19.622 ug/L

RT: 5.081 min Scan# 1180

Delta R.T. -0.003 min

Lab File: VU055864.D

Acq: 24 Oct 2023 11:13

Instrument :

MSVOA_U

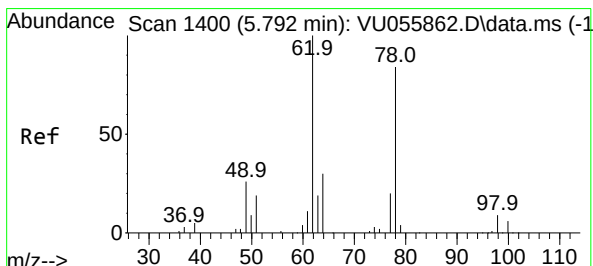
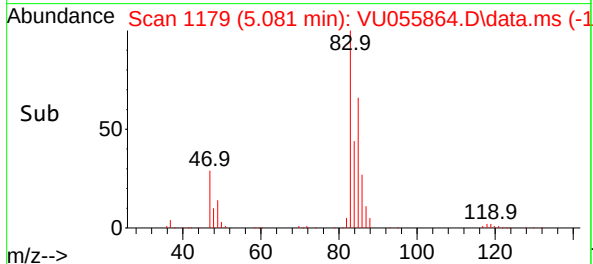
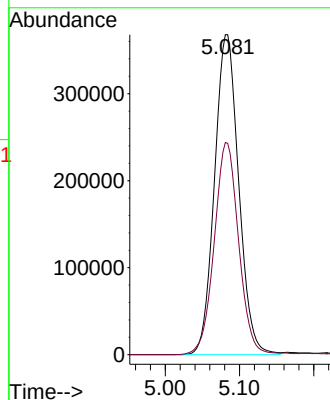
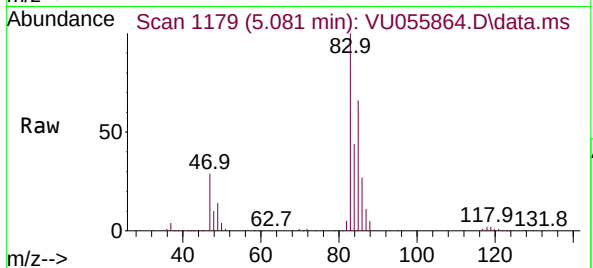
ClientSampleId :

Tgt Ion: 83 Resp: 832473

Ion Ratio Lower Upper

83 100

85 66.3 45.6 84.8



#27

1,2-Dichloroethane

Concen: 19.156 ug/L

RT: 5.788 min Scan# 1399

Delta R.T. -0.003 min

Lab File: VU055864.D

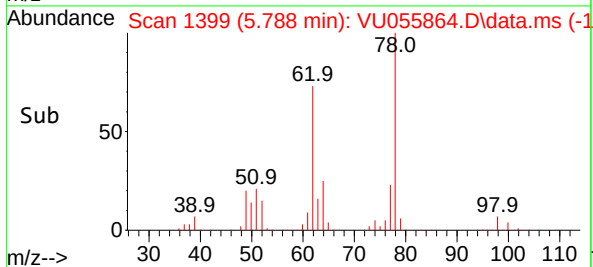
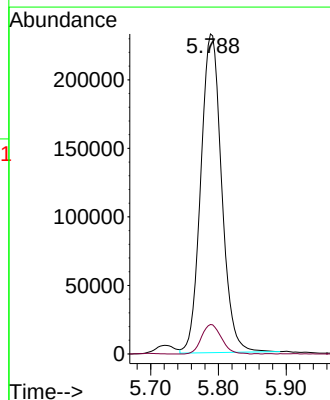
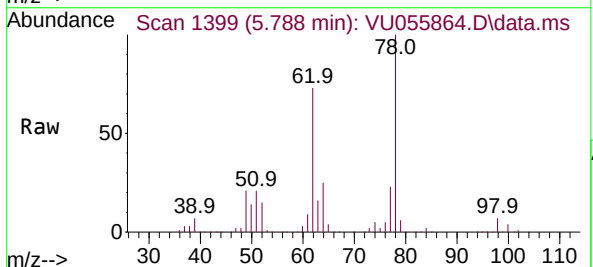
Acq: 24 Oct 2023 11:13

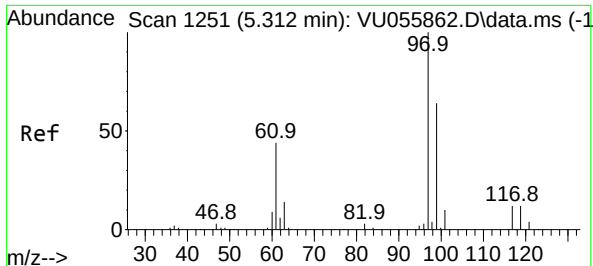
Tgt Ion: 62 Resp: 497102

Ion Ratio Lower Upper

62 100

98 9.2 7.4 11.2





#29

1,1,1-Trichloroethane

Concen: 20.057 ug/L

RT: 5.312 min Scan# 1251

Delta R.T. -0.000 min

Lab File: VU055864.D

Acq: 24 Oct 2023 11:13

Instrument :

MSVOA_U

ClientSampleId :

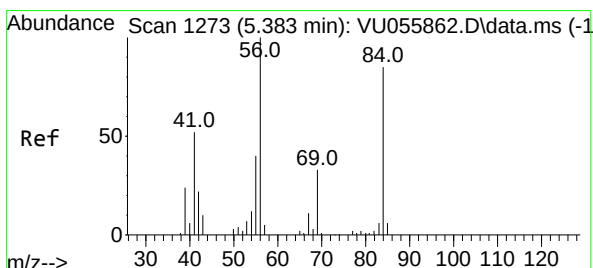
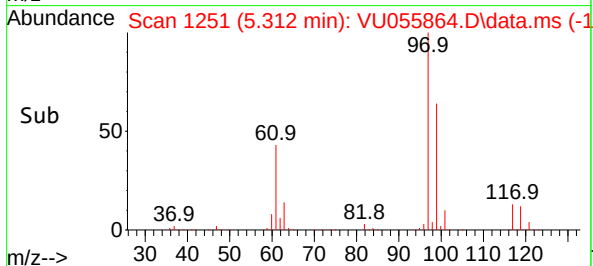
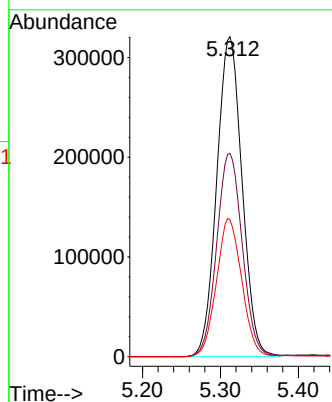
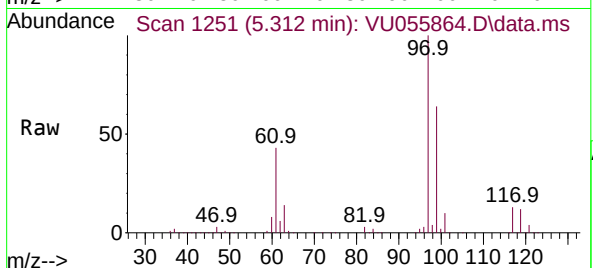
Tgt Ion: 97 Resp: 724897

Ion Ratio Lower Upper

97 100

99 64.6 50.8 76.2

61 43.2 35.0 52.4



#30

Cyclohexane

Concen: 20.853 ug/L

RT: 5.383 min Scan# 1273

Delta R.T. -0.000 min

Lab File: VU055864.D

Acq: 24 Oct 2023 11:13

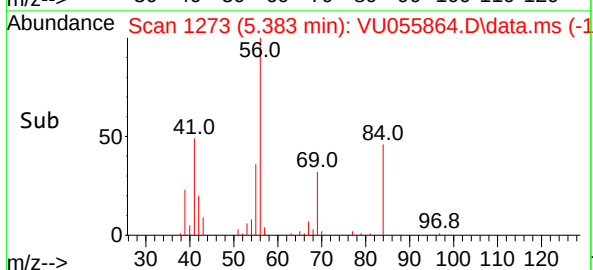
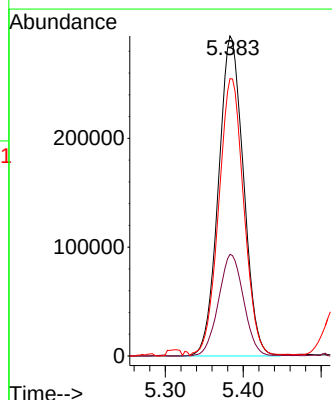
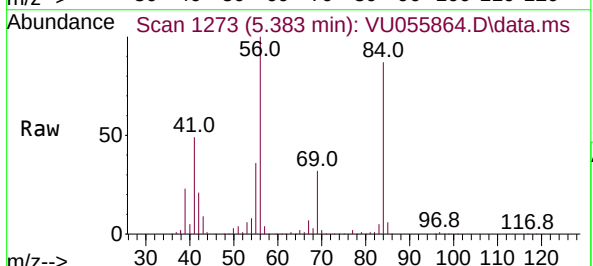
Tgt Ion: 56 Resp: 654804

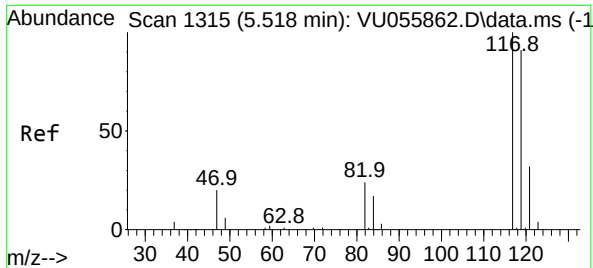
Ion Ratio Lower Upper

56 100

69 32.0 25.4 38.2

84 86.9 71.0 106.6

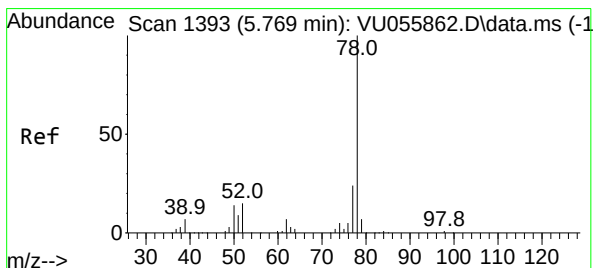
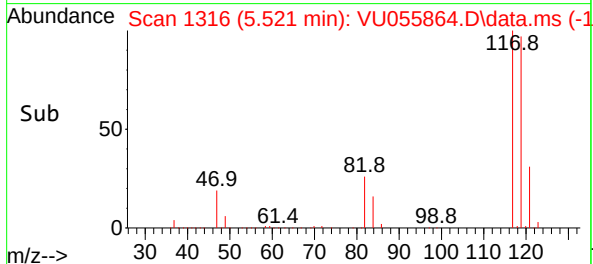
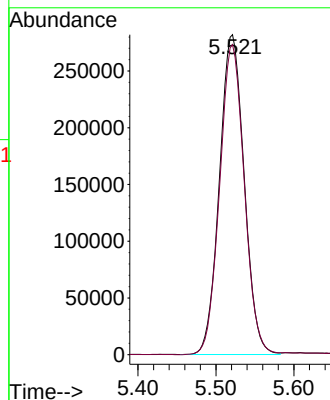
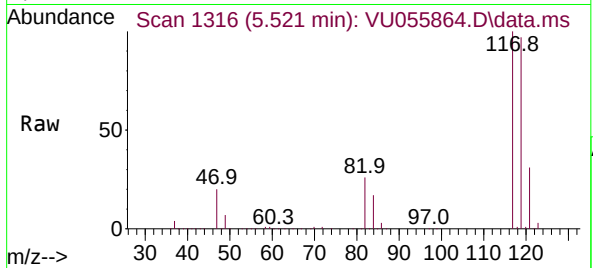




#31
Carbon tetrachloride
Concen: 20.266 ug/L
RT: 5.521 min Scan# 1315
Delta R.T. 0.003 min
Lab File: VU055864.D
Acq: 24 Oct 2023 11:13

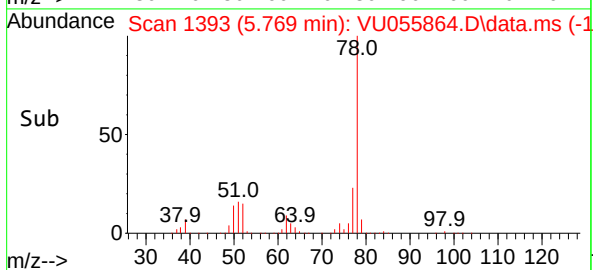
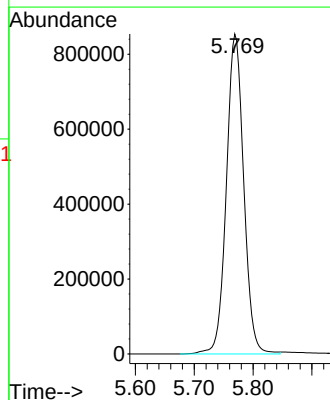
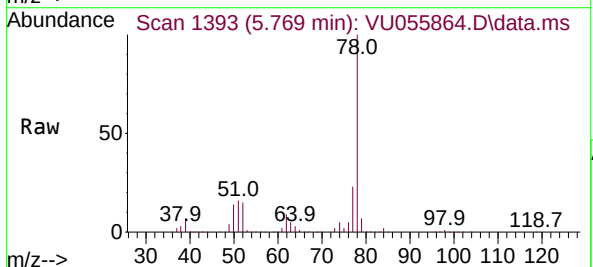
Instrument :
MSVOA_U
ClientSampleId :

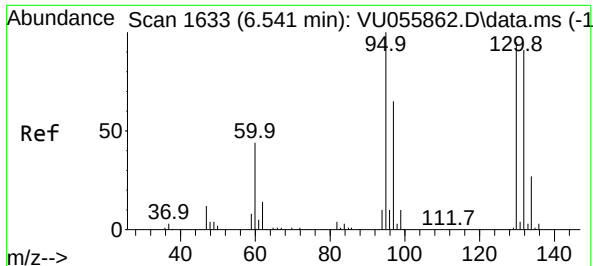
Tgt Ion:117 Resp: 622148
Ion Ratio Lower Upper
117 100
119 96.5 75.1 112.7



#33
Benzene
Concen: 20.370 ug/L
RT: 5.769 min Scan# 1393
Delta R.T. -0.000 min
Lab File: VU055864.D
Acq: 24 Oct 2023 11:13

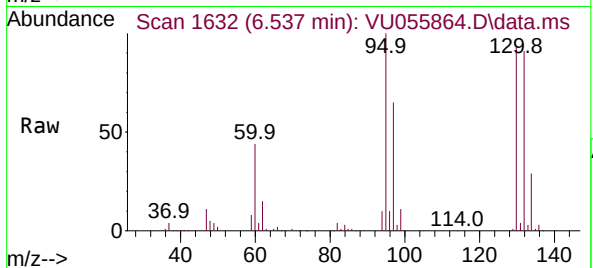
Tgt Ion: 78 Resp: 1747820



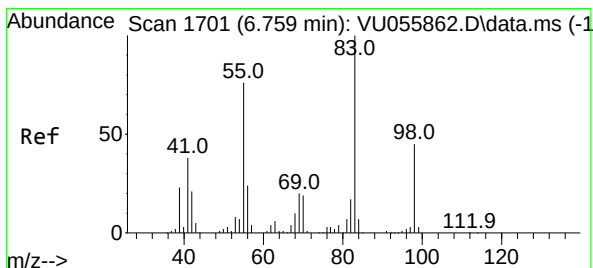
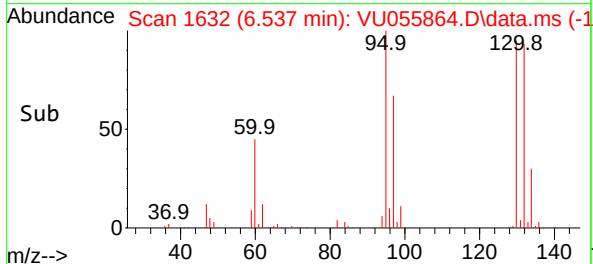
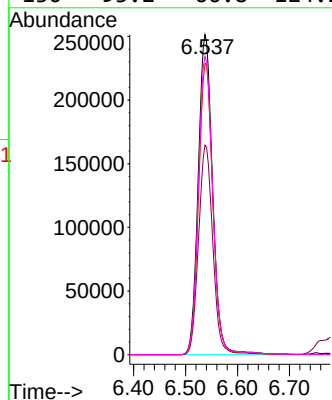


#34
Trichloroethene
Concen: 20.491 ug/L
RT: 6.537 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU055864.D
Acq: 24 Oct 2023 11:13

Instrument :
MSVOA_U
ClientSampleId :

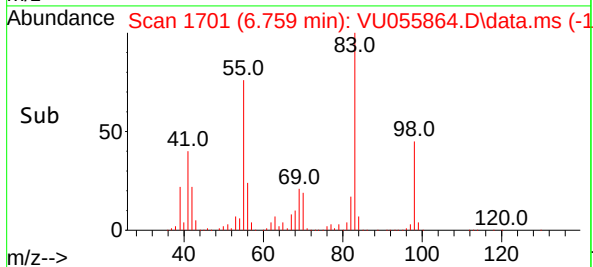
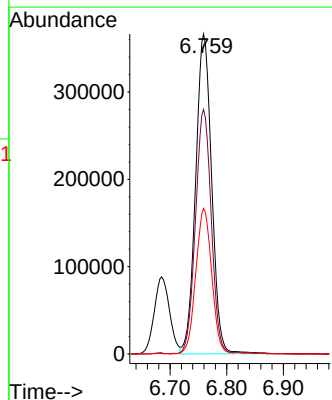
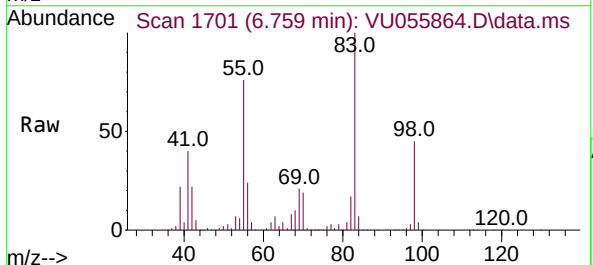


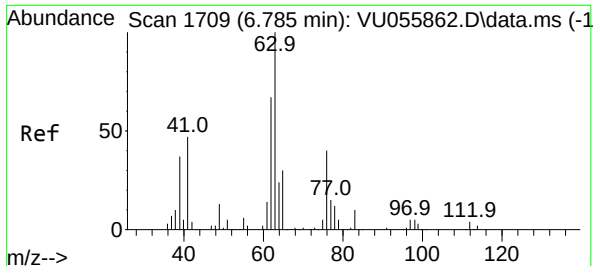
Tgt Ion: 95 Resp: 484670
Ion Ratio Lower Upper
95 100
97 65.5 45.4 84.2
132 91.0 63.9 118.7
130 93.2 66.8 124.2



#35
Methylcyclohexane
Concen: 20.823 ug/L
RT: 6.759 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VU055864.D
Acq: 24 Oct 2023 11:13

Tgt Ion: 83 Resp: 719633
Ion Ratio Lower Upper
83 100
55 75.4 62.4 93.6
98 45.1 37.4 56.2





#37

1,2-Dichloropropane

Concen: 19.581 ug/L

RT: 6.785 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU055864.D

Acq: 24 Oct 2023 11:13

Instrument :

MSVOA_U

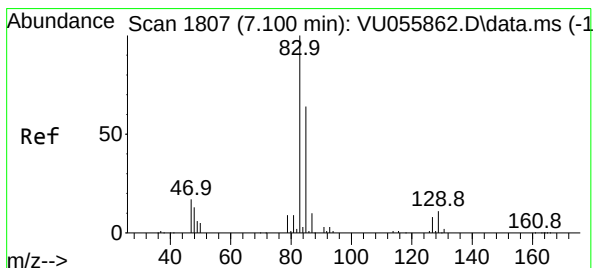
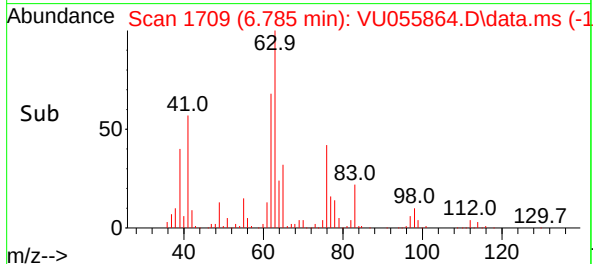
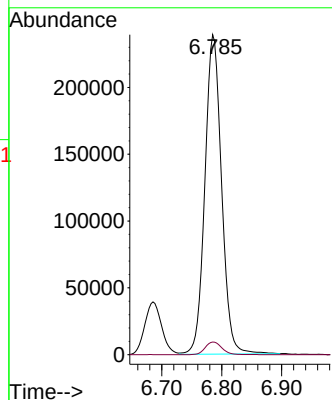
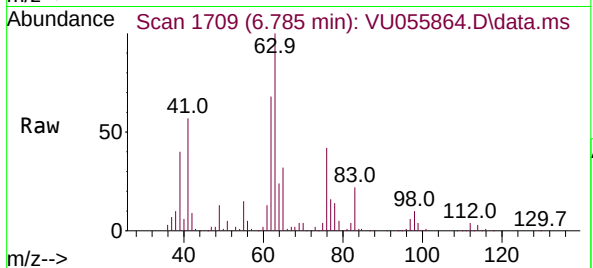
ClientSampleId :

Tgt Ion: 63 Resp: 463873

Ion Ratio Lower Upper

63 100

112 3.9 3.1 4.7



#38

Bromodichloromethane

Concen: 20.215 ug/L

RT: 7.100 min Scan# 1807

Delta R.T. -0.000 min

Lab File: VU055864.D

Acq: 24 Oct 2023 11:13

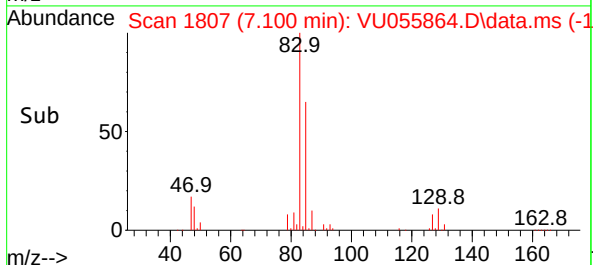
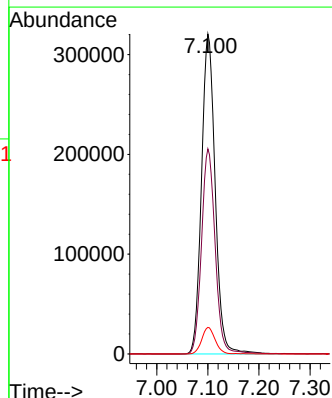
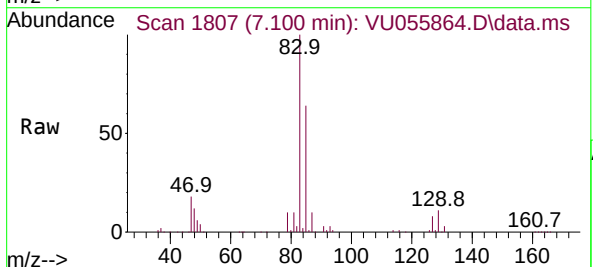
Tgt Ion: 83 Resp: 596408

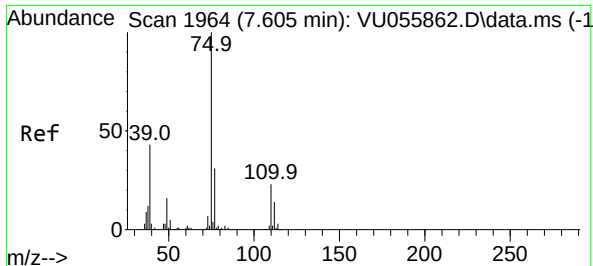
Ion Ratio Lower Upper

83 100

85 64.1 44.9 83.3

127 8.3 6.6 9.8





#39

cis-1,3-Dichloropropene

Concen: 21.346 ug/L

RT: 7.602 min Scan# 1964

Delta R.T. -0.003 min

Lab File: VU055864.D

Acq: 24 Oct 2023 11:13

Instrument :

MSVOA_U

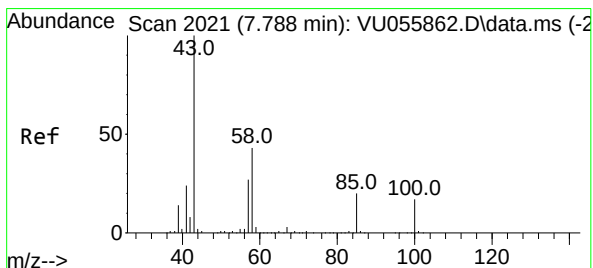
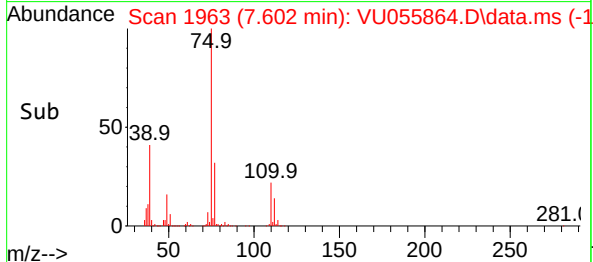
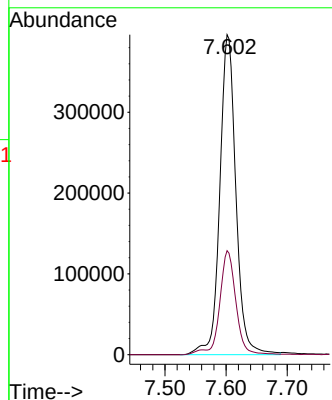
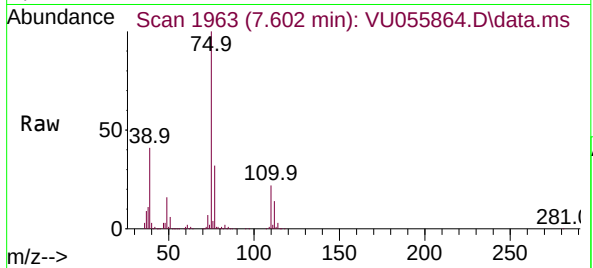
ClientSampleId :

Tgt Ion: 75 Resp: 725257

Ion Ratio Lower Upper

75 100

77 32.5 21.7 40.3



#40

4-Methyl-2-pentanone

Concen: 186.143 ug/L

RT: 7.785 min Scan# 2020

Delta R.T. -0.003 min

Lab File: VU055864.D

Acq: 24 Oct 2023 11:13

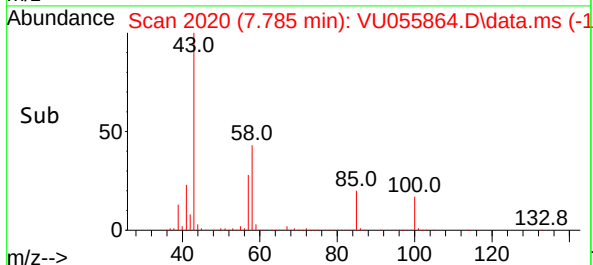
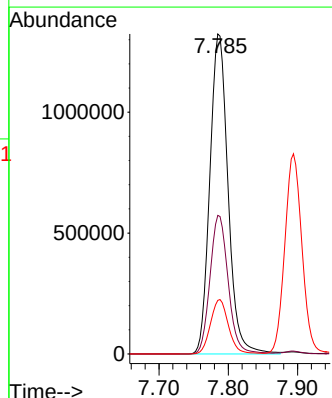
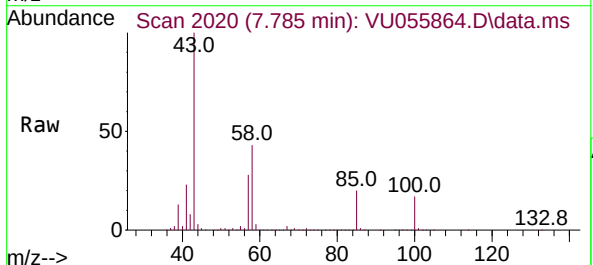
Tgt Ion: 43 Resp: 2412471

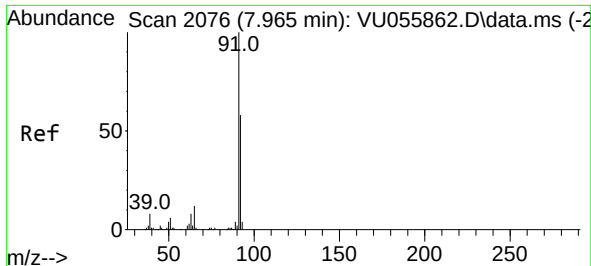
Ion Ratio Lower Upper

43 100

58 43.3 34.0 51.0

100 16.8 13.0 19.6





#42

Toluene

Concen: 20.057 ug/L

RT: 7.965 min Scan# 2076

Delta R.T. -0.000 min

Lab File: VU055864.D

Acq: 24 Oct 2023 11:13

Instrument :

MSVOA_U

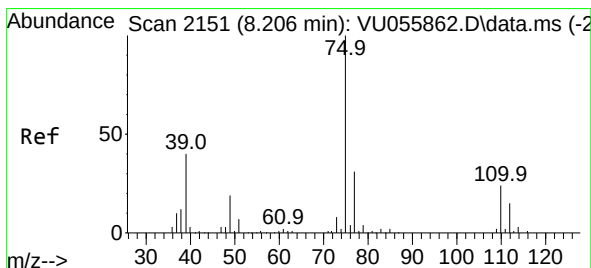
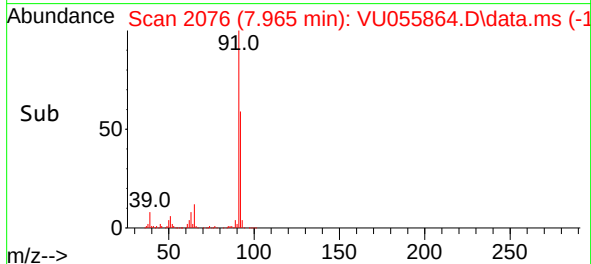
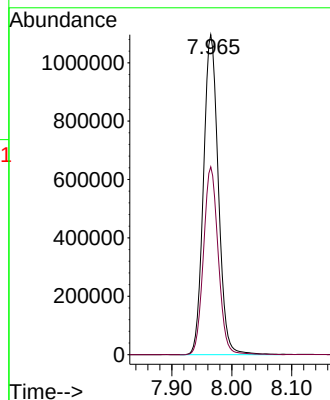
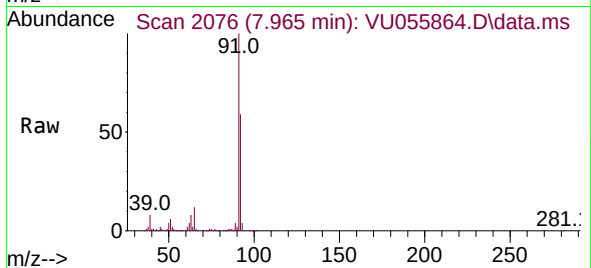
ClientSampleId :

Tgt Ion: 91 Resp: 1892137

Ion Ratio Lower Upper

91 100

92 58.7 40.6 75.4



#44

trans-1,3-Dichloropropene

Concen: 20.874 ug/L

RT: 8.206 min Scan# 2151

Delta R.T. -0.000 min

Lab File: VU055864.D

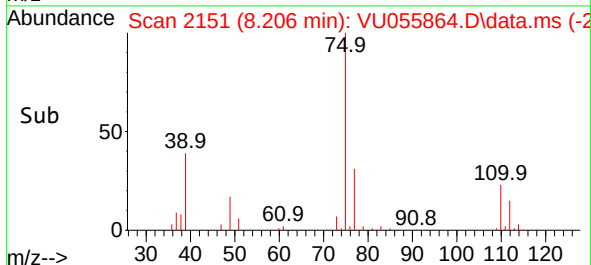
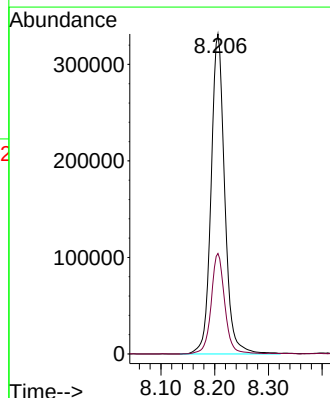
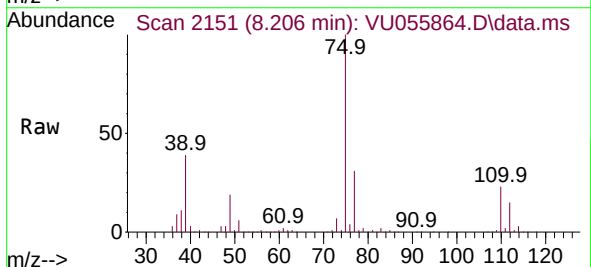
Acq: 24 Oct 2023 11:13

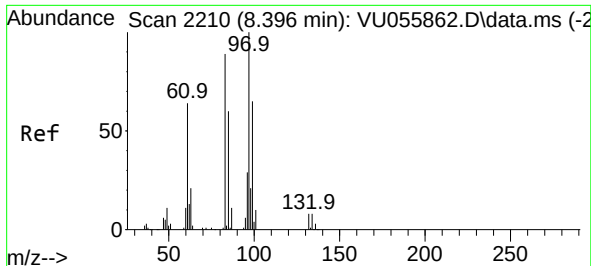
Tgt Ion: 75 Resp: 585017

Ion Ratio Lower Upper

75 100

77 31.4 21.7 40.3

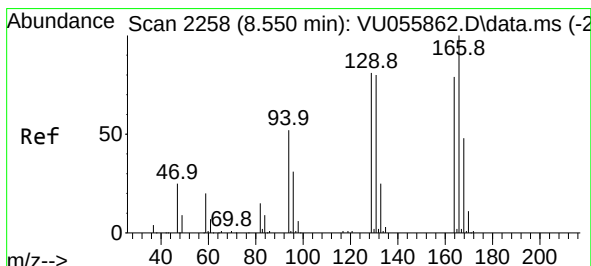
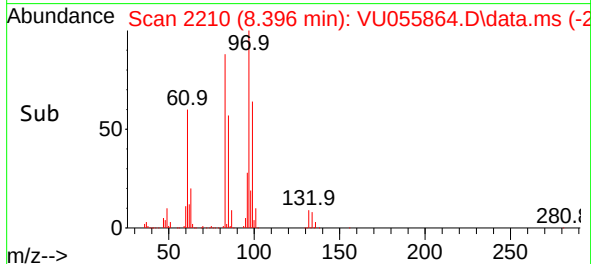
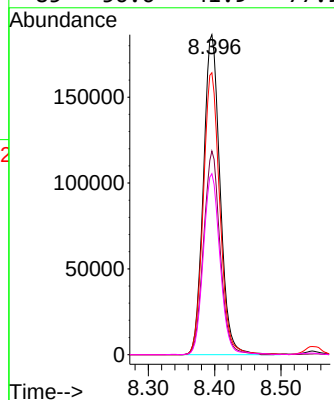
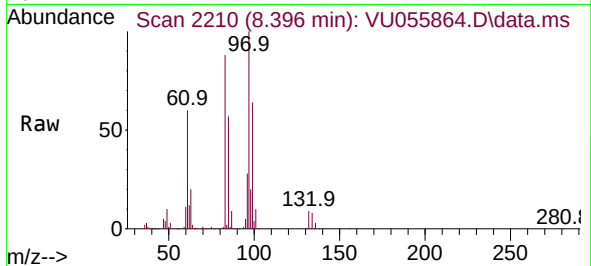




#45
1,1,2-Trichloroethane
Concen: 20.322 ug/L
RT: 8.396 min Scan# 2210
Delta R.T. -0.000 min
Lab File: VU055864.D
Acq: 24 Oct 2023 11:13

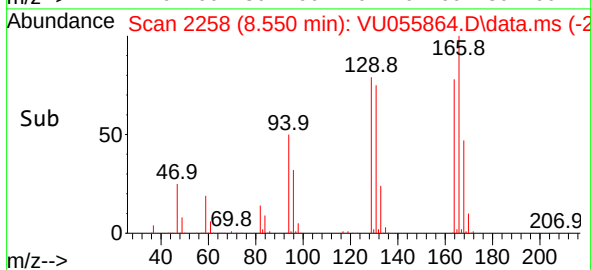
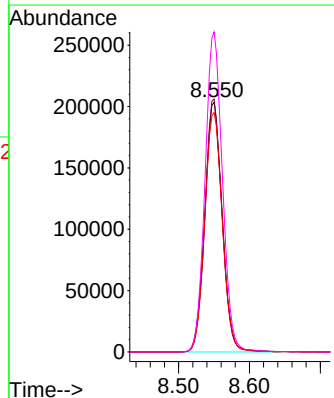
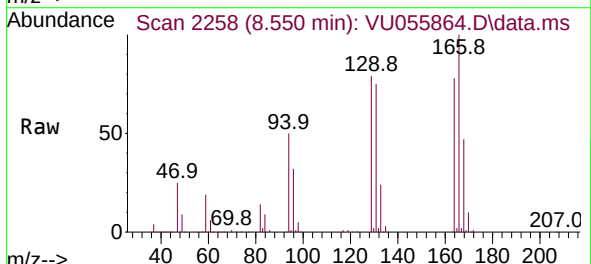
Instrument :
MSVOA_U
ClientSampleId :

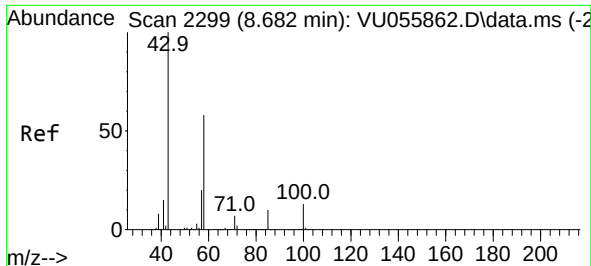
Tgt Ion:	97	Resp:	325352
Ion	Ratio	Lower	Upper
97	100		
99	63.7	45.3	84.1
83	88.1	61.9	115.1
85	56.6	41.9	77.9



#47
Tetrachloroethene
Concen: 20.337 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. -0.000 min
Lab File: VU055864.D
Acq: 24 Oct 2023 11:13

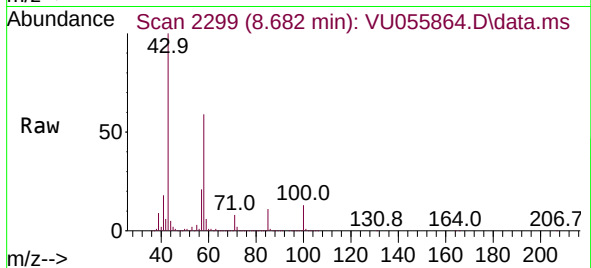
Tgt Ion:	164	Resp:	346891
Ion	Ratio	Lower	Upper
164	100		
129	101.3	72.2	134.0
131	95.9	70.8	131.6
166	128.2	89.0	165.2





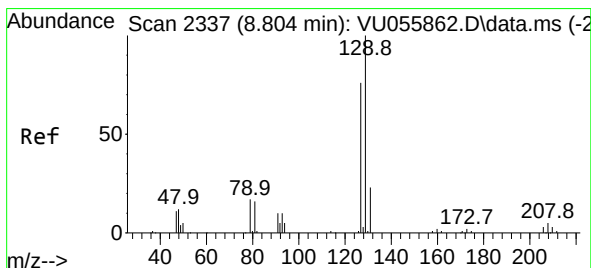
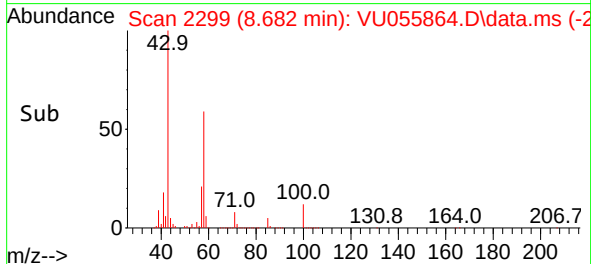
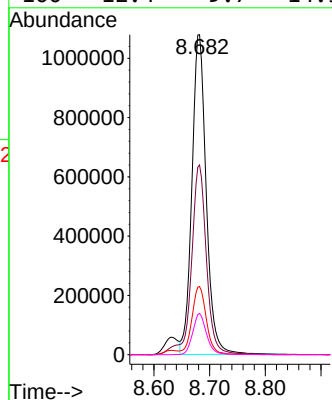
#48
2-Hexanone
Concen: 197.966 ug/L
RT: 8.682 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU055864.D
Acq: 24 Oct 2023 11:13

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 43 Resp: 1928175

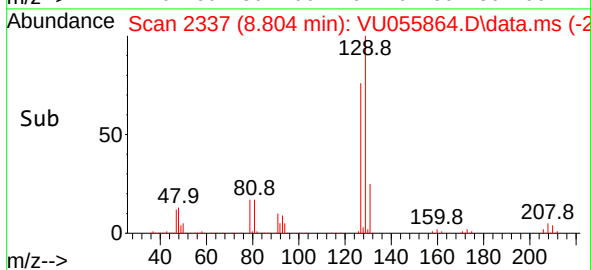
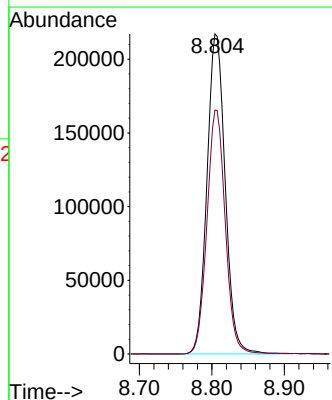
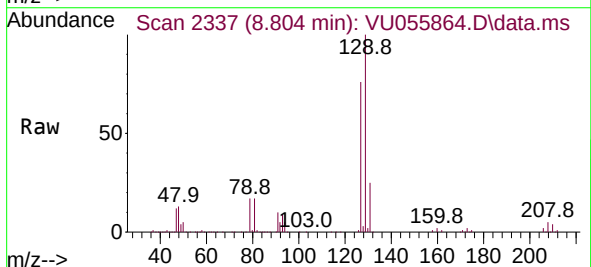
Ion	Ratio	Lower	Upper
43	100		
58	62.4	49.5	74.3
57	21.5	16.9	25.3
100	12.4	9.7	14.5

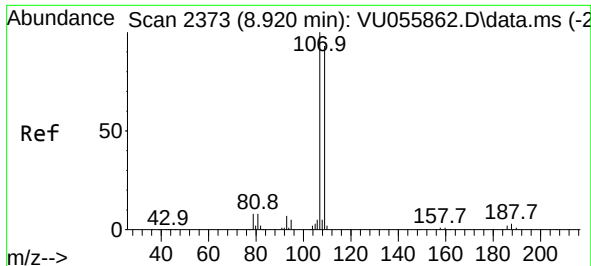


#49
Dibromochloromethane
Concen: 20.241 ug/L
RT: 8.804 min Scan# 2337
Delta R.T. -0.000 min
Lab File: VU055864.D
Acq: 24 Oct 2023 11:13

Tgt Ion: 129 Resp: 378742

Ion	Ratio	Lower	Upper
129	100		
127	76.2	53.5	99.5

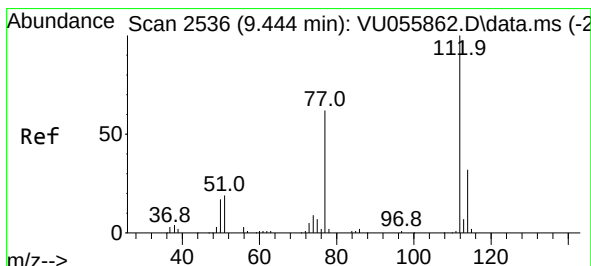
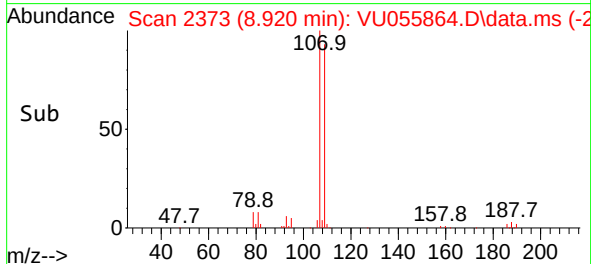
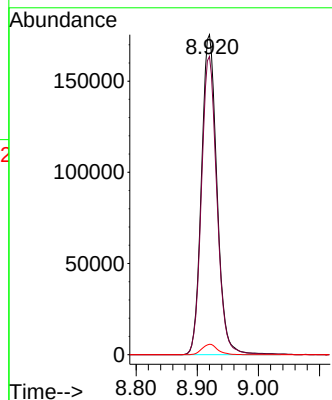
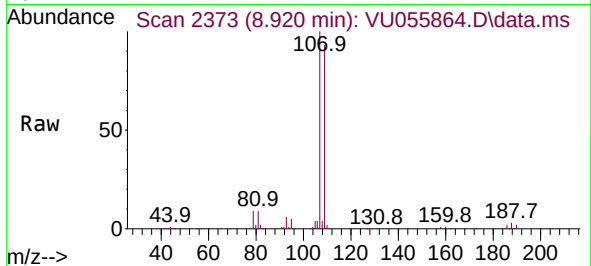




#50
1,2-Dibromoethane
Concen: 20.070 ug/L
RT: 8.920 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU055864.D
Acq: 24 Oct 2023 11:13

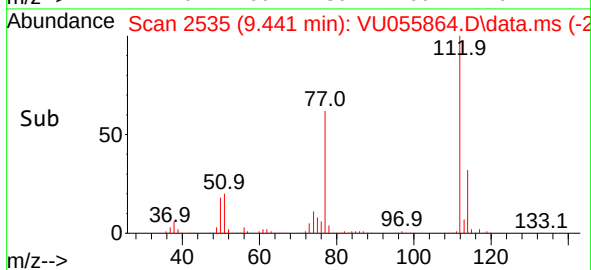
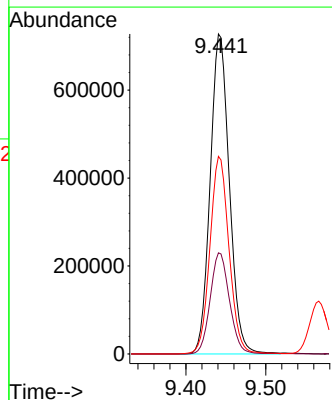
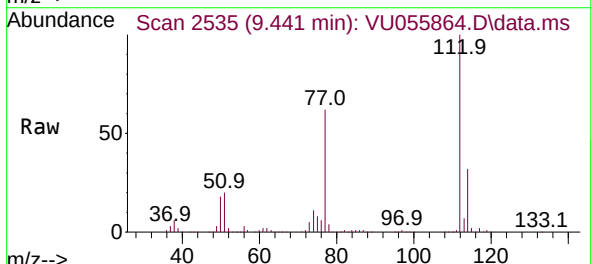
Instrument :
MSVOA_U
ClientSampleId :

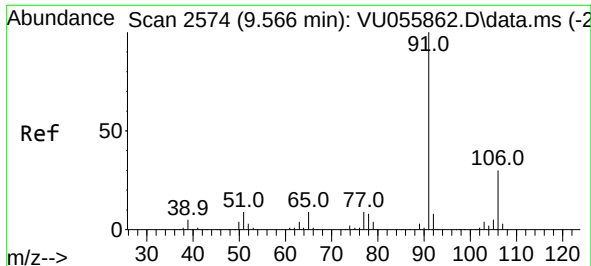
Tgt Ion:107 Resp: 309033
Ion Ratio Lower Upper
107 100
109 93.2 65.0 120.6
188 3.2 2.5 3.7



#51
Chlorobenzene
Concen: 19.726 ug/L
RT: 9.441 min Scan# 2535
Delta R.T. -0.003 min
Lab File: VU055864.D
Acq: 24 Oct 2023 11:13

Tgt Ion:112 Resp: 1210716
Ion Ratio Lower Upper
112 100
114 31.6 22.3 41.5
77 61.8 49.9 74.9

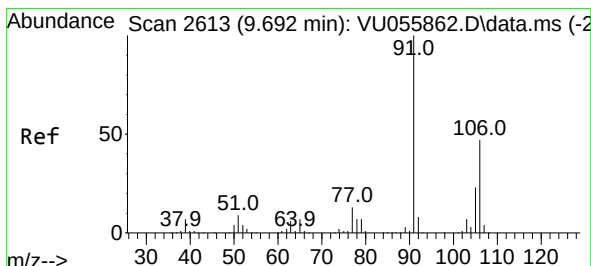
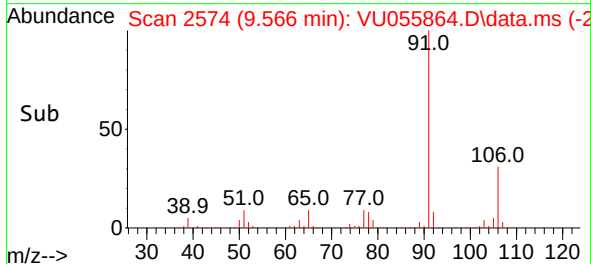
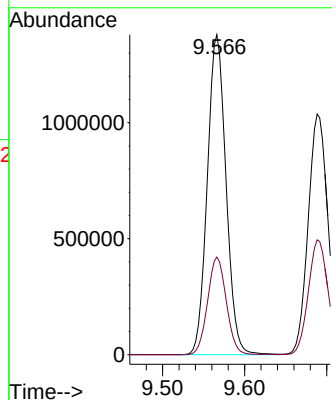
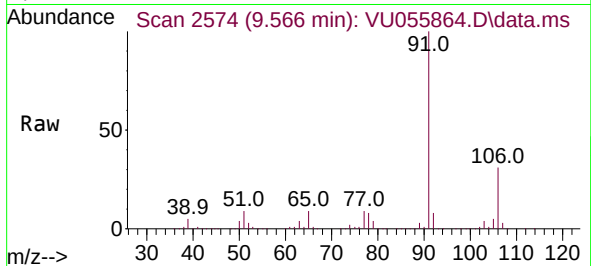




#52
Ethylbenzene
Concen: 20.620 ug/L
RT: 9.566 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU055864.D
Acq: 24 Oct 2023 11:13

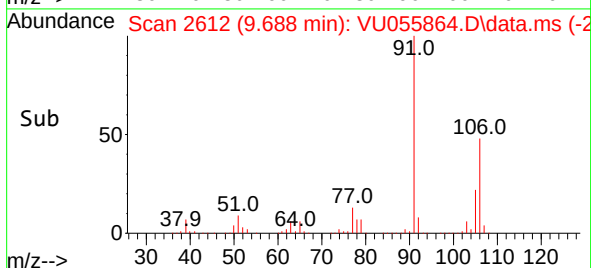
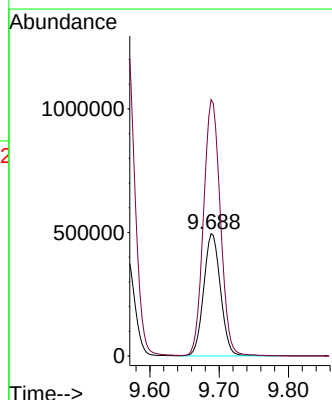
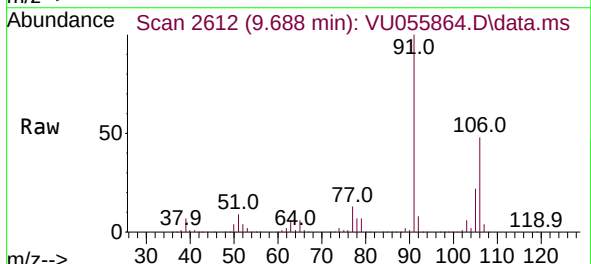
Instrument :
MSVOA_U
ClientSampleId :

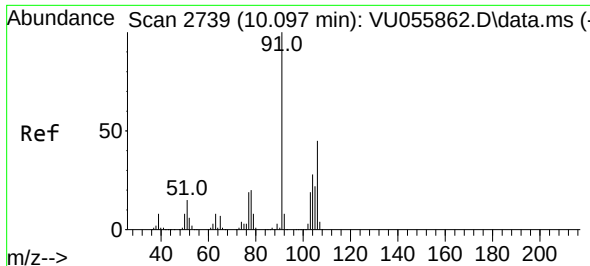
Tgt Ion: 91 Resp: 2184476
Ion Ratio Lower Upper
91 100
106 30.5 21.3 39.5



#53
m,p-Xylene
Concen: 20.936 ug/L
RT: 9.688 min Scan# 2612
Delta R.T. -0.003 min
Lab File: VU055864.D
Acq: 24 Oct 2023 11:13

Tgt Ion: 106 Resp: 831521
Ion Ratio Lower Upper
106 100
91 209.5 150.4 279.2

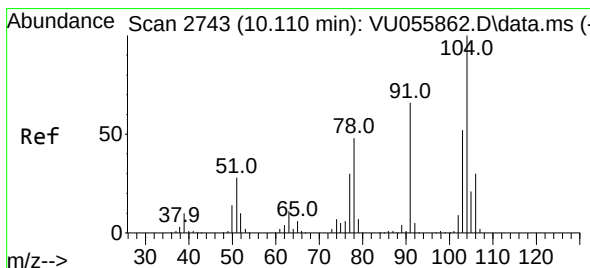
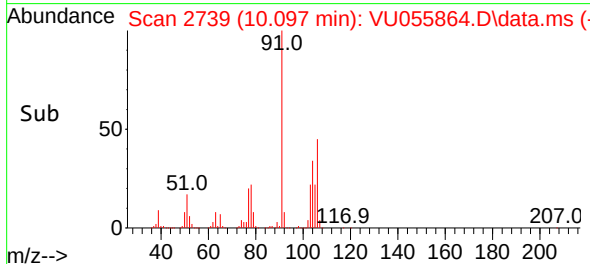
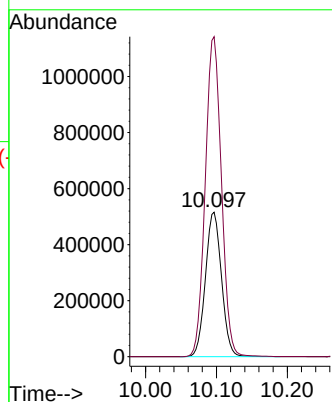
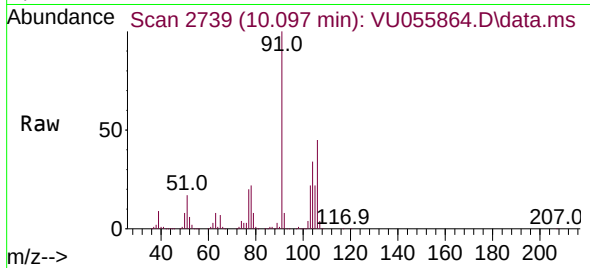




#54
o-Xylene
Concen: 21.203 ug/L
RT: 10.097 min Scan# 2739
Delta R.T. -0.000 min
Lab File: VU055864.D
Acq: 24 Oct 2023 11:13

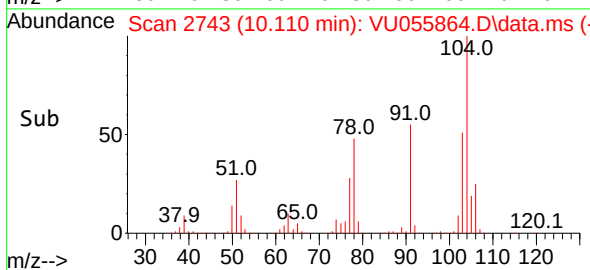
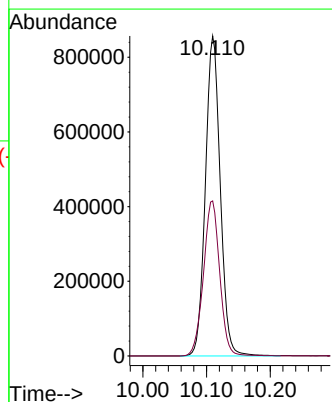
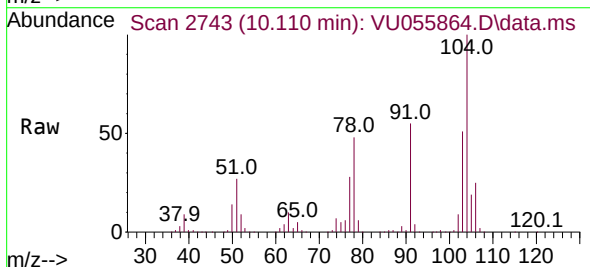
Instrument :
MSVOA_U
ClientSampleId :

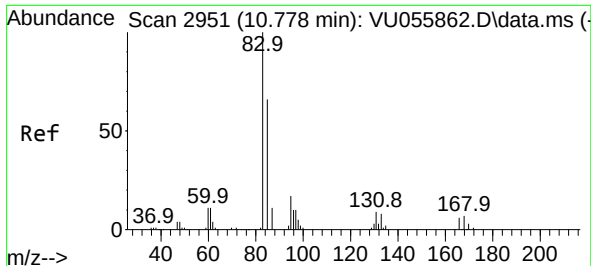
Tgt Ion:106 Resp: 811283
Ion Ratio Lower Upper
106 100
91 221.6 154.6 287.2



#55
Styrene
Concen: 22.075 ug/L
RT: 10.110 min Scan# 2743
Delta R.T. -0.000 min
Lab File: VU055864.D
Acq: 24 Oct 2023 11:13

Tgt Ion:104 Resp: 1389933
Ion Ratio Lower Upper
104 100
78 48.4 33.9 63.0

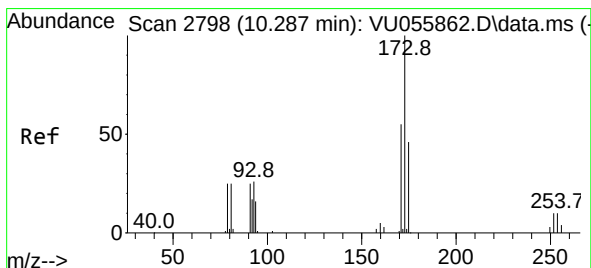
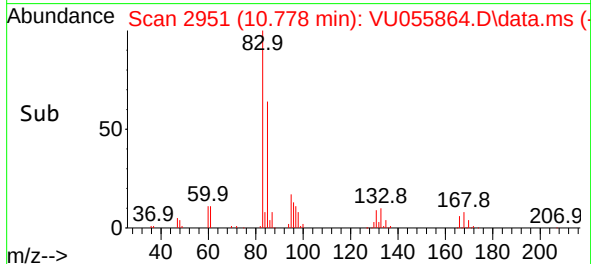
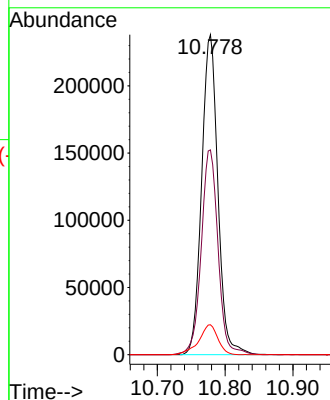
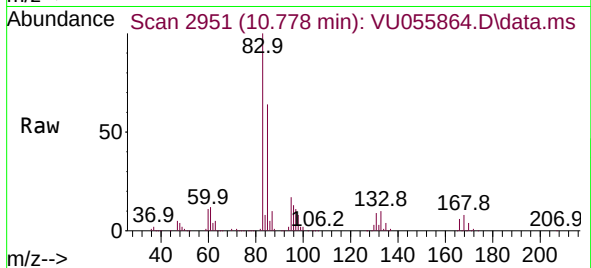




#57
1,1,2,2-Tetrachloroethane
Concen: 20.076 ug/L
RT: 10.778 min Scan# 2951
Delta R.T. -0.000 min
Lab File: VU055864.D
Acq: 24 Oct 2023 11:13

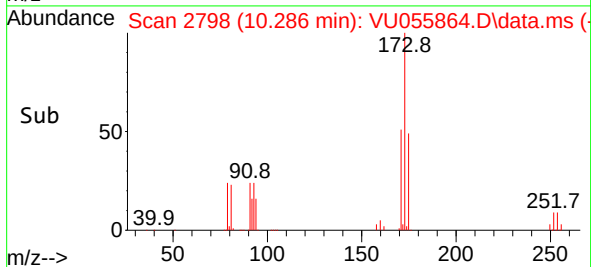
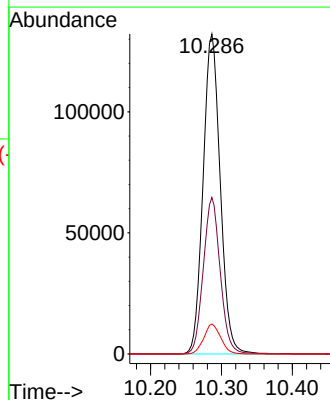
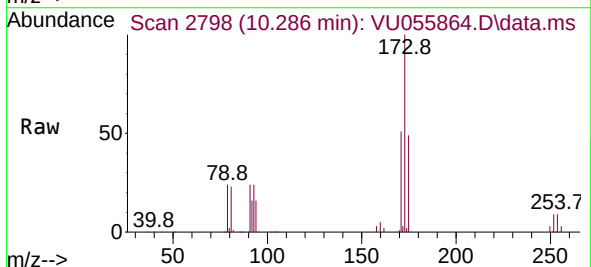
Instrument :
MSVOA_U
ClientSampleId :

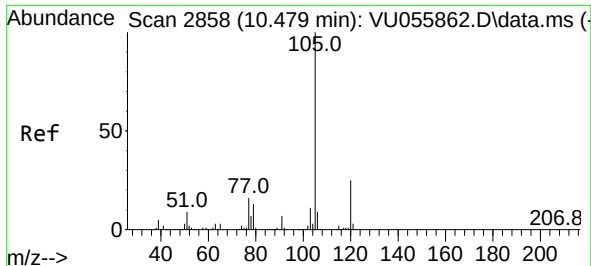
Tgt Ion: 83 Resp: 396227
Ion Ratio Lower Upper
83 100
85 64.0 46.2 85.8
131 9.3 7.2 10.8



#59
Bromoform
Concen: 21.832 ug/L
RT: 10.286 min Scan# 2798
Delta R.T. -0.000 min
Lab File: VU055864.D
Acq: 24 Oct 2023 11:13

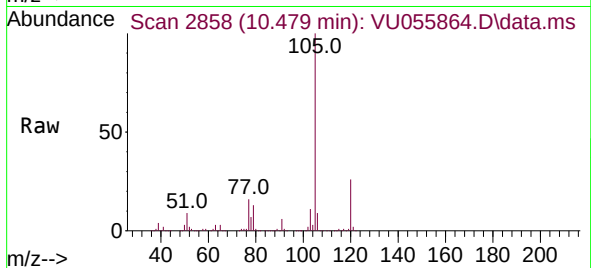
Tgt Ion:173 Resp: 222101
Ion Ratio Lower Upper
173 100
175 48.2 37.8 56.6
254 9.2 7.4 11.0



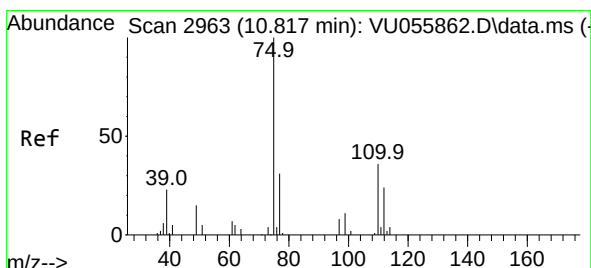
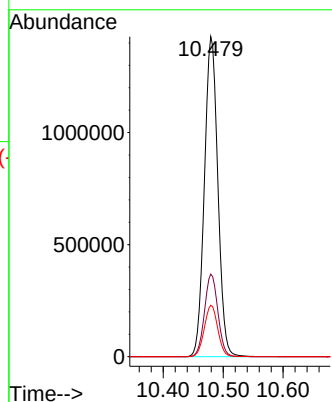
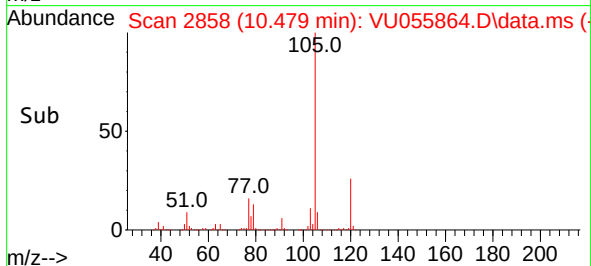


#60
Isopropylbenzene
Concen: 20.820 ug/L
RT: 10.479 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU055864.D
Acq: 24 Oct 2023 11:13

Instrument :
MSVOA_U
ClientSampleId :

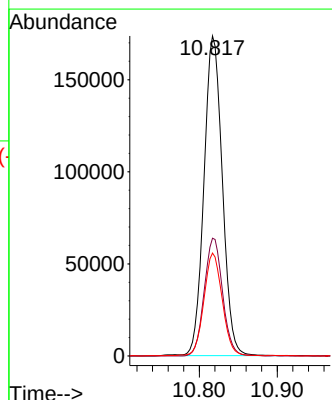
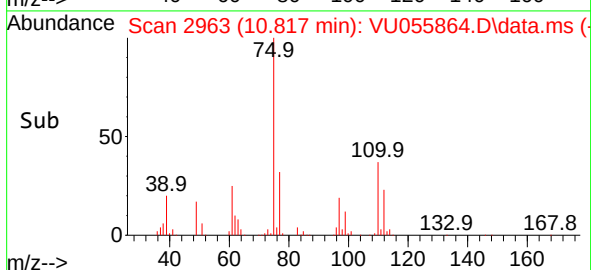
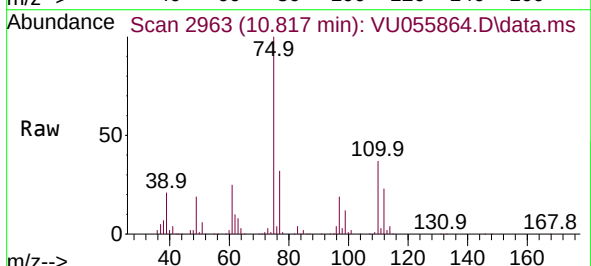


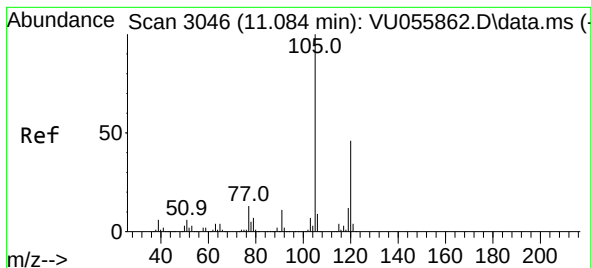
Tgt Ion:105 Resp: 2231319
Ion Ratio Lower Upper
105 100
120 25.7 20.2 30.4
77 16.1 13.0 19.4



#61
1,2,3-Trichloropropane
Concen: 19.031 ug/L
RT: 10.817 min Scan# 2963
Delta R.T. -0.000 min
Lab File: VU055864.D
Acq: 24 Oct 2023 11:13

Tgt Ion: 75 Resp: 283688
Ion Ratio Lower Upper
75 100
110 36.9 29.0 43.6
77 32.1 24.5 36.7





#62

1,3,5-Trimethylbenzene

Concen: 20.949 ug/L

RT: 11.084 min Scan# 3046

Delta R.T. -0.000 min

Lab File: VU055864.D

Acq: 24 Oct 2023 11:13

Instrument :

MSVOA_U

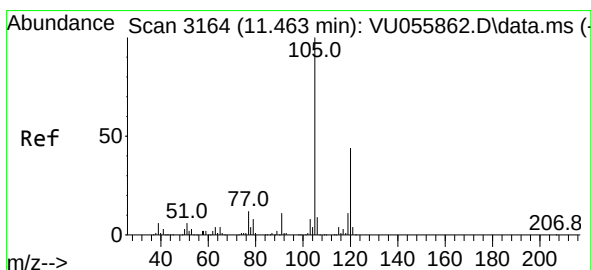
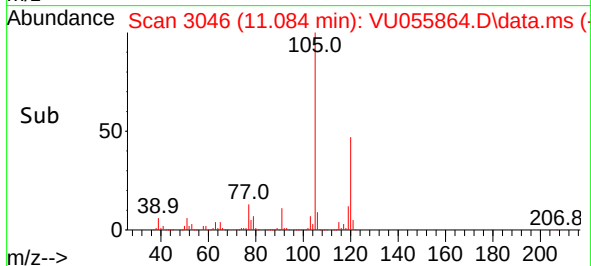
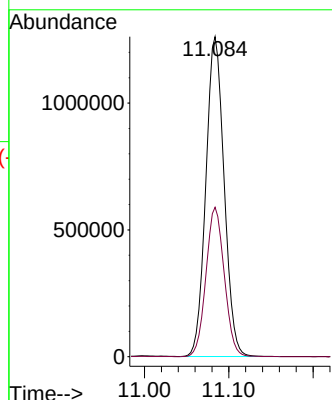
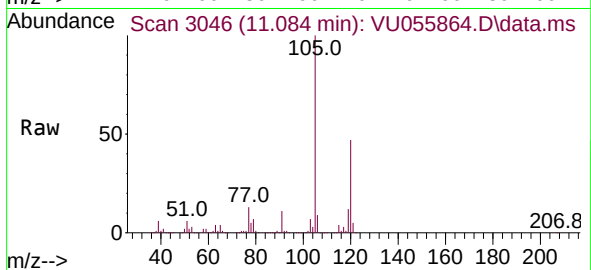
ClientSampleId :

Tgt Ion:105 Resp: 1904059

Ion Ratio Lower Upper

105 100

120 46.8 37.4 56.2



#63

1,2,4-Trimethylbenzene

Concen: 21.793 ug/L

RT: 11.463 min Scan# 3164

Delta R.T. -0.000 min

Lab File: VU055864.D

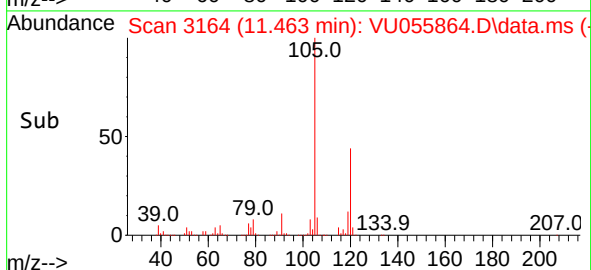
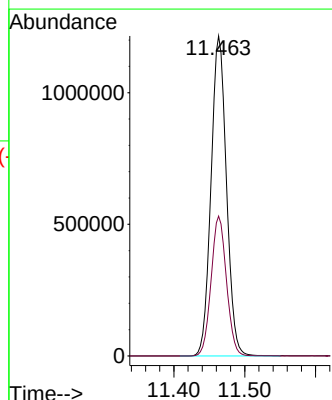
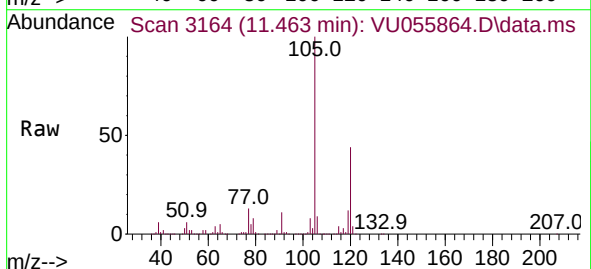
Acq: 24 Oct 2023 11:13

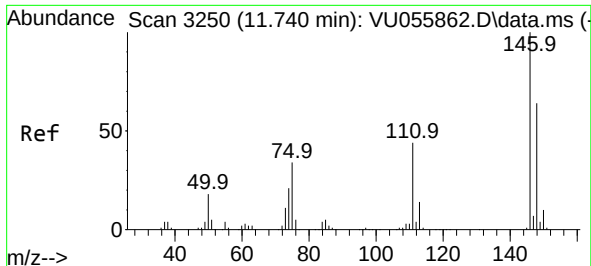
Tgt Ion:105 Resp: 1835763

Ion Ratio Lower Upper

105 100

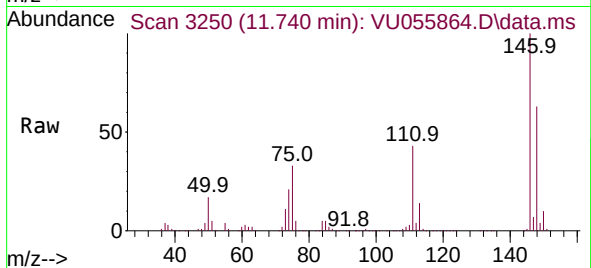
120 43.4 34.6 52.0



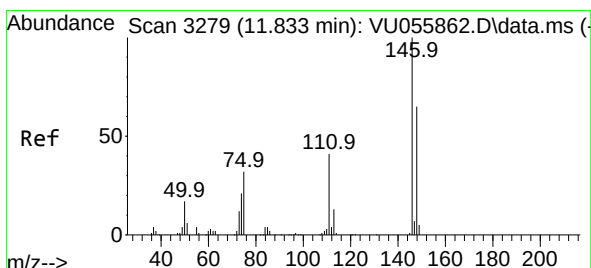
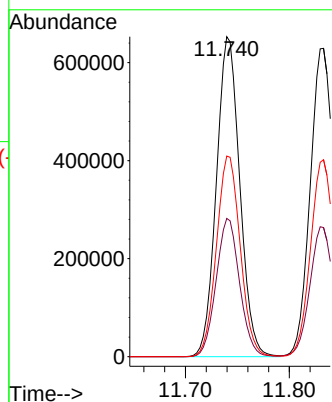
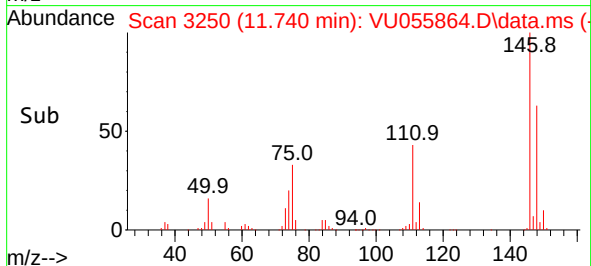


#64
1,3-Dichlorobenzene
Concen: 20.438 ug/L
RT: 11.740 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU055864.D
Acq: 24 Oct 2023 11:13

Instrument :
MSVOA_U
ClientSampleId :

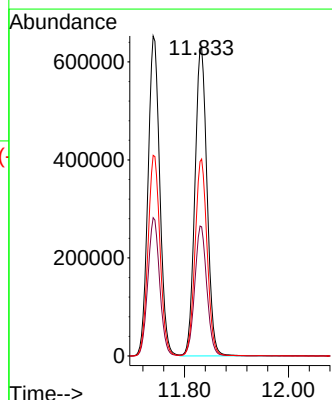
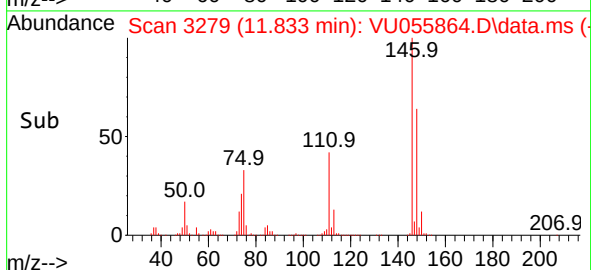
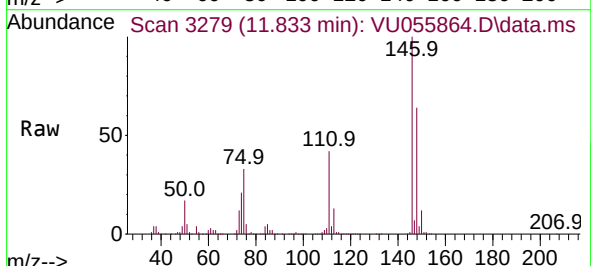


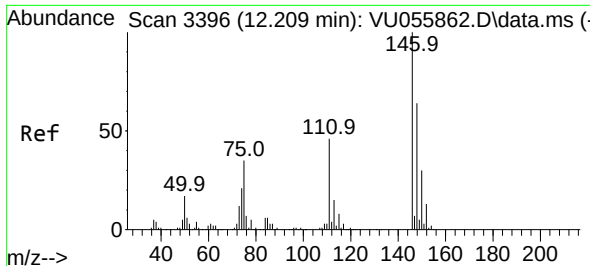
Tgt Ion:146 Resp: 1022562
Ion Ratio Lower Upper
146 100
111 43.2 31.1 57.9
148 62.7 44.8 83.2



#65
1,4-Dichlorobenzene
Concen: 20.468 ug/L
RT: 11.833 min Scan# 3279
Delta R.T. -0.000 min
Lab File: VU055864.D
Acq: 24 Oct 2023 11:13

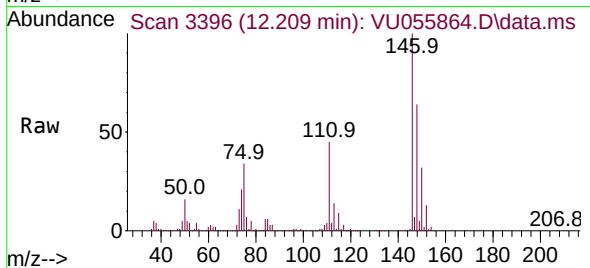
Tgt Ion:146 Resp: 1023576
Ion Ratio Lower Upper
146 100
111 41.9 29.3 54.3
148 63.9 45.6 84.8



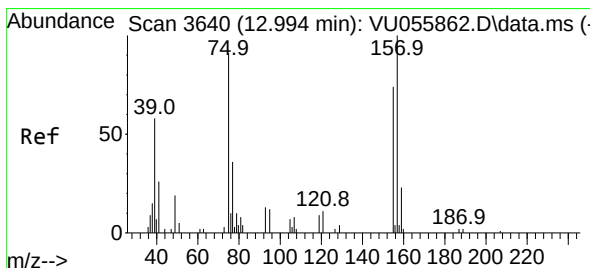
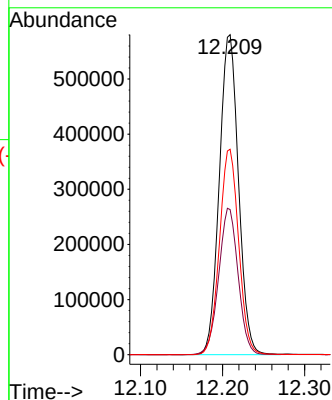
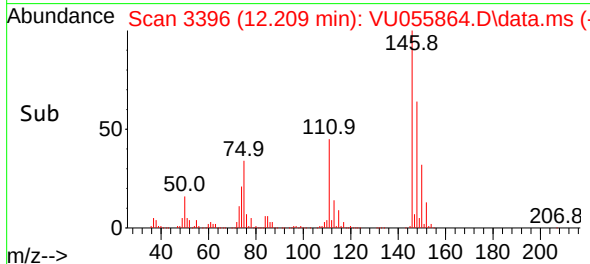


#67
 1,2-Dichlorobenzene
 Concen: 20.724 ug/L
 RT: 12.209 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU055864.D
 Acq: 24 Oct 2023 11:13

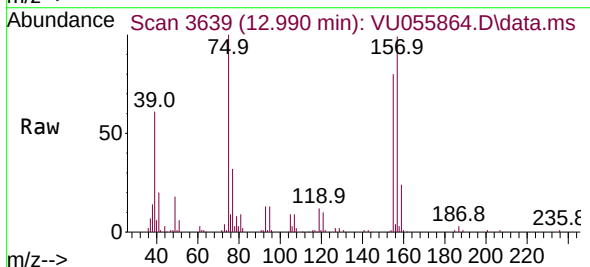
Instrument :
 MSVOA_U
 ClientSampleId :



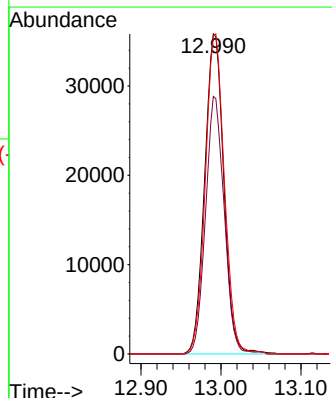
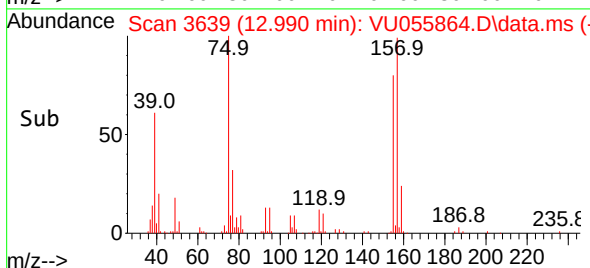
Tgt Ion:146 Resp: 942381
 Ion Ratio Lower Upper
 146 100
 111 45.4 36.7 55.1
 148 64.2 51.0 76.4

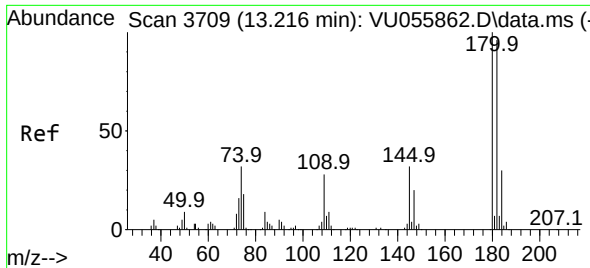


#68
 1,2-Dibromo-3-chloropropane
 Concen: 21.178 ug/L
 RT: 12.990 min Scan# 3639
 Delta R.T. -0.003 min
 Lab File: VU055864.D
 Acq: 24 Oct 2023 11:13



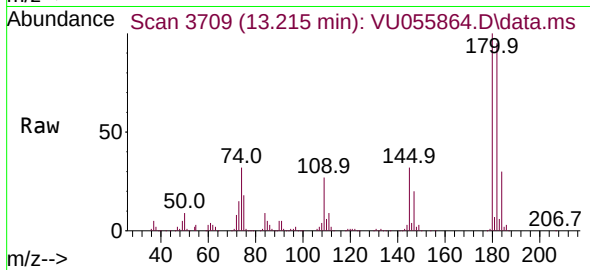
Tgt Ion: 75 Resp: 59770
 Ion Ratio Lower Upper
 75 100
 155 80.5 65.3 97.9
 157 99.4 87.9 131.9



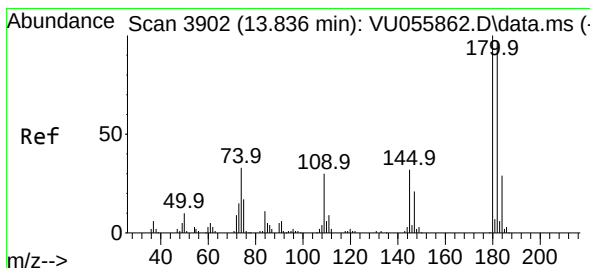
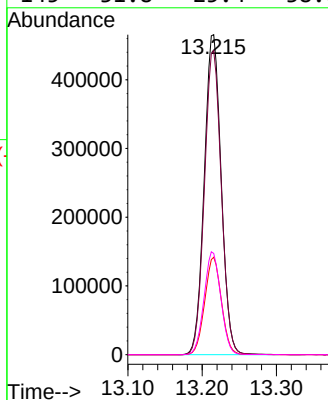
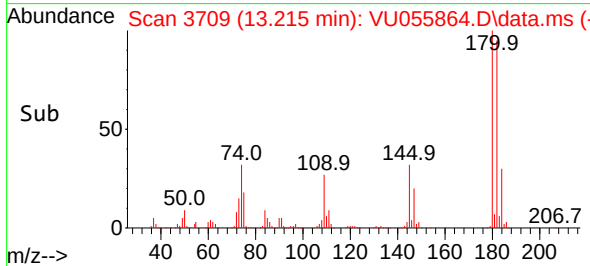


#69
 1,3,5-Trichlorobenzene
 Concen: 22.028 ug/L
 RT: 13.215 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU055864.D
 Acq: 24 Oct 2023 11:13

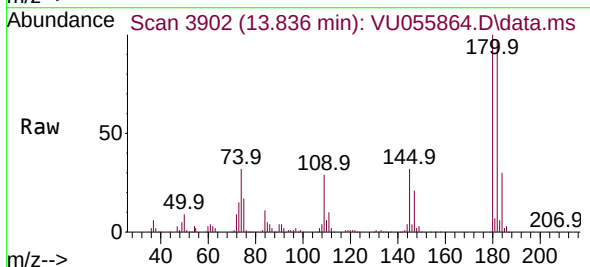
Instrument :
 MSVOA_U
 ClientSampleId :



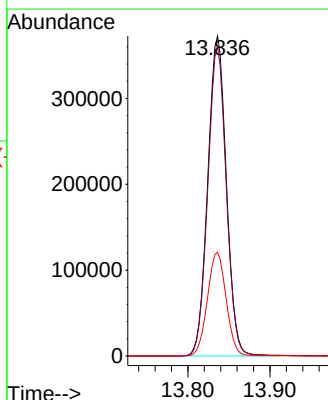
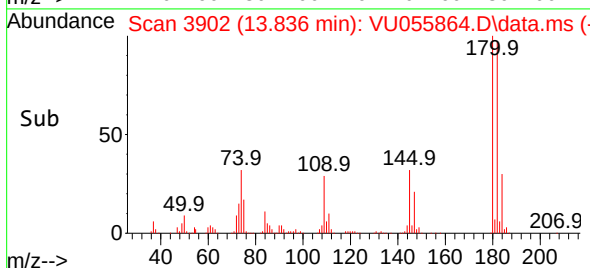
Tgt Ion:180 Resp: 736260
 Ion Ratio Lower Upper
 180 100
 182 94.9 74.7 112.1
 184 30.1 23.8 35.8
 145 31.8 25.4 38.0

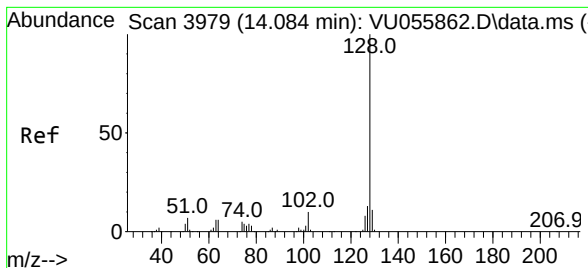


#70
 1,2,4-trichlorobenzene
 Concen: 22.791 ug/L
 RT: 13.836 min Scan# 3902
 Delta R.T. -0.000 min
 Lab File: VU055864.D
 Acq: 24 Oct 2023 11:13



Tgt Ion:180 Resp: 589171
 Ion Ratio Lower Upper
 180 100
 182 96.1 76.1 114.1
 145 32.6 26.4 39.6





#71

Naphthalene

Concen: 23.170 ug/L

RT: 14.080 min Scan# 3979

Delta R.T. -0.003 min

Lab File: VU055864.D

Acq: 24 Oct 2023 11:13

Instrument :

MSVOA_U

ClientSampleId :

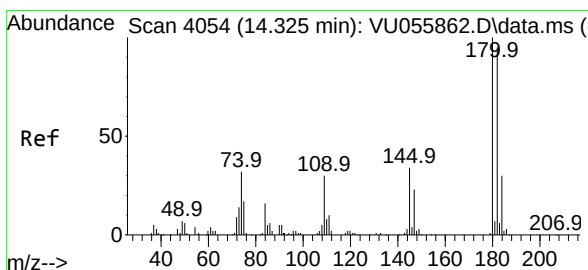
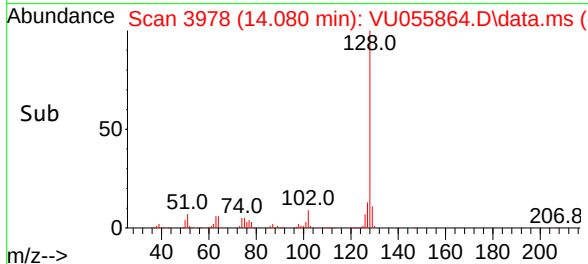
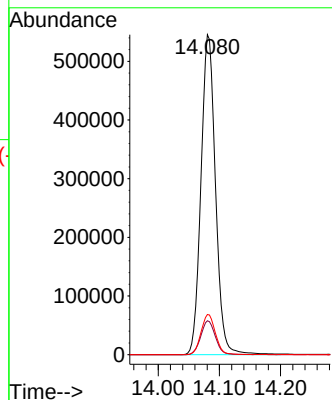
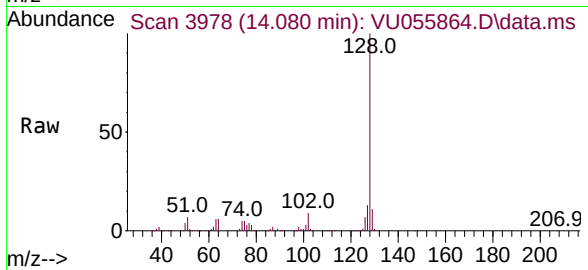
Tgt Ion:128 Resp: 900688

Ion Ratio Lower Upper

128 100

129 10.6 8.3 12.5

127 12.4 10.0 15.0



#72

1,2,3-Trichlorobenzene

Concen: 23.195 ug/L

RT: 14.325 min Scan# 4054

Delta R.T. -0.000 min

Lab File: VU055864.D

Acq: 24 Oct 2023 11:13

Tgt Ion:180 Resp: 501634

Ion Ratio Lower Upper

180 100

182 95.3 74.6 112.0

145 35.0 27.4 41.2

