

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032124\
 Data File : VU058180.D
 Acq On : 21 Mar 2024 12:36
 Operator : MD/SY
 Sample : VSTD001
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 22 04:39:42 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR032124WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 22 04:38:25 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	87850	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	83809	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	36955	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	6609	1.024	ug/L	0.00
7) Chloroethane-d5	1.911	69	5439	1.021	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.563	65	2721	0.984	ug/L	0.00
20) 2-Butanone-d5	4.653	46	10224	9.478	ug/L	0.03
24) Chloroform-d	5.058	84	12078	1.001	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.701	65	5635	1.022	ug/L	0.00
32) Benzene-d6	5.724	84	23525	0.955	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.689	67	6929	0.930	ug/L	0.00
41) Toluene-d8	7.894	98	20418	0.919	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.177	79	1979	0.791	ug/L	0.00
46) 2-Hexanone-d5	8.634	63	7521	8.668	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.749	84	4433	0.973	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.190	152	5890	0.957	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.380	85	3923	0.796	ug/L	99
3) Chloromethane	1.518	50	4809	0.823	ug/L	99
5) Vinyl chloride	1.602	62	5150	0.825	ug/L	99
6) Bromomethane	1.856	94	3010	0.905	ug/L	94
8) Chloroethane	1.933	64	3370	0.845	ug/L	97
9) Trichlorofluoromethane	2.139	101	7934	0.868	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.579	101	5461	0.949	ug/L	98
12) 1,1-Dichloroethene	2.576	96	4456	0.887	ug/L	98
13) Acetone	2.653	43	7708	10.060	ug/L	99
14) Carbon disulfide	2.792	76	9822	0.655	ug/L	100
15) Methyl Acetate	2.962	43	1889	1.110	ug/L #	77
16) Methylene chloride	3.039	84	6369	1.022	ug/L	96
17) Methyl tert-butyl Ether	3.357	73	11309	0.926	ug/L	97
18) trans-1,2-Dichloroethene	3.351	96	4915	0.895	ug/L	89
19) 1,1-Dichloroethane	3.862	63	10297	0.921	ug/L	98
21) 2-Butanone	4.727	43	11711	9.693	ug/L	89
22) cis-1,2-Dichloroethene	4.663	96	5925	0.964	ug/L	90
23) Bromochloromethane	4.972	128	2048	0.893	ug/L	91
25) Chloroform	5.081	83	11140	0.971	ug/L	100
27) 1,2-Dichloroethane	5.791	62	6120	0.964	ug/L	100
29) 1,1,1-Trichloroethane	5.312	97	8375	0.869	ug/L	98
30) Cyclohexane	5.383	56	7589	0.806	ug/L	94
31) Carbon tetrachloride	5.518	117	7231	0.873	ug/L	94
33) Benzene	5.772	78	22031	0.890	ug/L	100
34) Trichloroethene	6.541	95	5908	0.907	ug/L	95
35) Methylcyclohexane	6.756	83	7570	0.778	ug/L	96
37) 1,2-Dichloropropane	6.785	63	6285	0.976	ug/L	98
38) Bromodichloromethane	7.100	83	6880	0.887	ug/L	90
39) cis-1,3-Dichloropropene	7.605	75	7053	0.804	ug/L	95
40) 4-Methyl-2-pentanone	7.788	43	29212	9.794	ug/L	98
42) Toluene	7.965	91	22629	0.881	ug/L	98
44) trans-1,3-Dichloropropene	8.213	75	5341	0.764	ug/L	99

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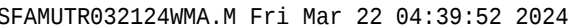
Quant Time: Mar 22 04:39:42 2024
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 22 04:38:25 2024
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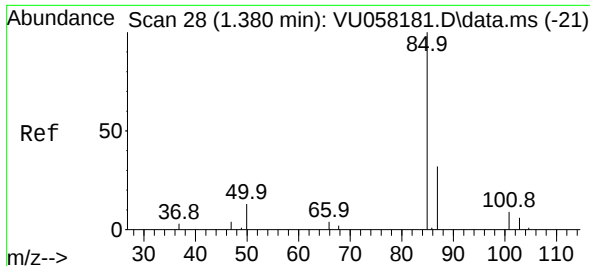
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	8.396	97	3918	1.016	ug/L	97
47) Tetrachloroethene	8.547	164	3709	0.824	ug/L	98
48) 2-Hexanone	8.685	43	20436	9.369	ug/L	94
49) Dibromochloromethane	8.804	129	4071	0.904	ug/L	98
50) 1,2-Dibromoethane	8.920	107	3234	0.951	ug/L #	89
51) Chlorobenzene	9.444	112	15206	0.934	ug/L	96
52) Ethylbenzene	9.566	91	24315	0.844	ug/L	98
53) m,p-Xylene	9.688	106	8328	0.811	ug/L	99
54) o-Xylene	10.094	106	8457	0.818	ug/L	98
55) Styrene	10.113	104	12864	0.799	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.775	83	4747	1.044	ug/L	94
59) Bromoform	10.290	173	2036	1.006	ug/L #	87
60) Isopropylbenzene	10.479	105	22493	0.938	ug/L	98
61) 1,2,3-Trichloropropane	10.817	75	3194	1.068	ug/L	97
62) 1,3,5-Trimethylbenzene	11.084	105	18070	0.894	ug/L	100
63) 1,2,4-Trimethylbenzene	11.463	105	17157	0.863	ug/L	99
64) 1,3-Dichlorobenzene	11.743	146	10818	0.986	ug/L	98
65) 1,4-Dichlorobenzene	11.833	146	9979	0.932	ug/L	95
67) 1,2-Dichlorobenzene	12.209	146	9935	1.032	ug/L	97
68) 1,2-Dibromo-3-chloropr...	13.003	75	359	0.610	ug/L	83
69) 1,3,5-Trichlorobenzene	13.216	180	6920	0.880	ug/L	98
70) 1,2,4-trichlorobenzene	13.839	180	4593	0.781	ug/L	97
71) Naphthalene	14.090	128	5586	0.695	ug/L	96
72) 1,2,3-Trichlorobenzene	14.328	180	3728	0.794	ug/L	93

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

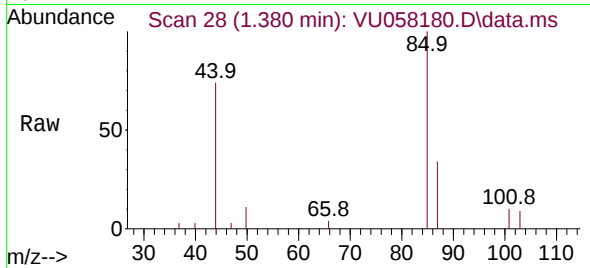
Quant Time: Mar 22 04:39:42 2024
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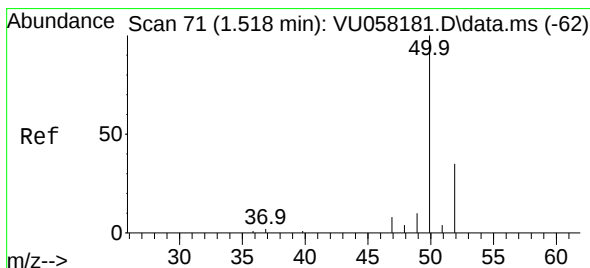
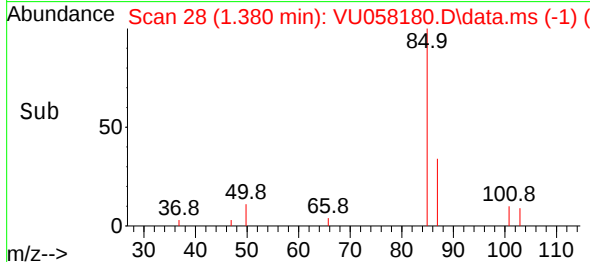
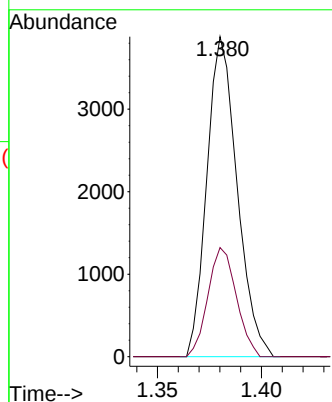


#2
 Dichlorodifluoromethane
 Concen: 0.796 ug/L
 RT: 1.380 min Scan# 28
 Delta R.T. -0.000 min
 Lab File: VU058180.D
 Acq: 21 Mar 2024 12:36

Instrument :
 MSVOA_U
 ClientSampleId :

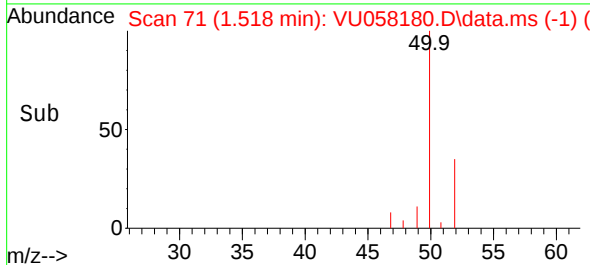
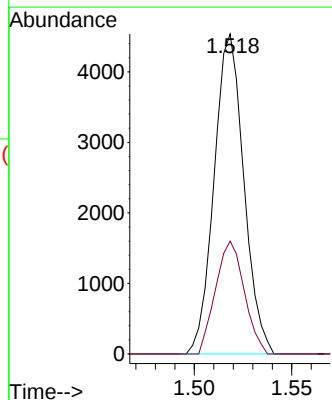
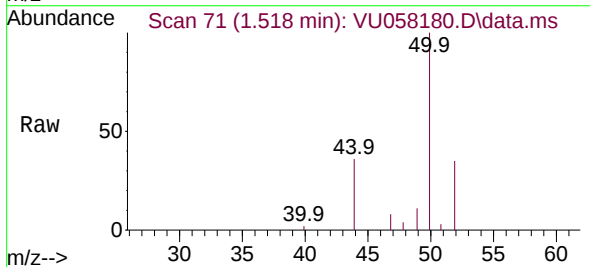


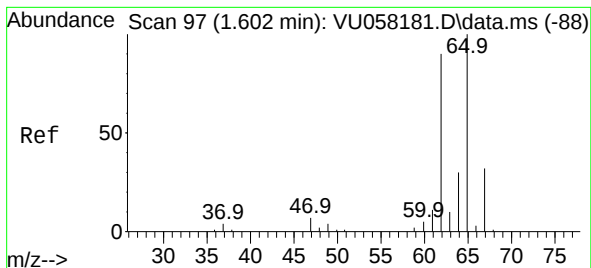
Tgt Ion: 85 Resp: 3923
 Ion Ratio Lower Upper
 85 100
 87 32.0 25.8 38.8



#3
 Chloromethane
 Concen: 0.823 ug/L
 RT: 1.518 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VU058180.D
 Acq: 21 Mar 2024 12:36

Tgt Ion: 50 Resp: 4809
 Ion Ratio Lower Upper
 50 100
 52 35.2 24.2 45.0





#5

Vinyl chloride

Concen: 0.825 ug/L

RT: 1.602 min Scan# 91

Delta R.T. -0.000 min

Lab File: VU058180.D

Acq: 21 Mar 2024 12:36

Instrument :

MSVOA_U

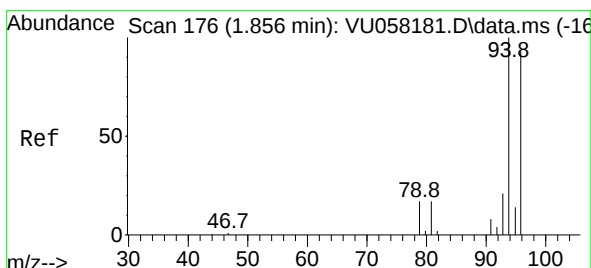
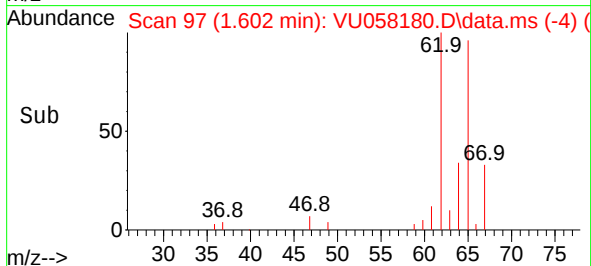
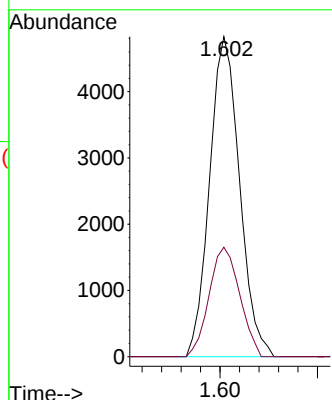
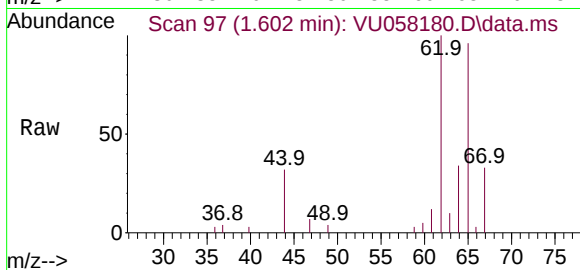
ClientSampleId :

Tgt Ion: 62 Resp: 5150

Ion Ratio Lower Upper

62 100

64 34.2 23.4 43.6



#6

Bromomethane

Concen: 0.905 ug/L

RT: 1.856 min Scan# 176

Delta R.T. -0.000 min

Lab File: VU058180.D

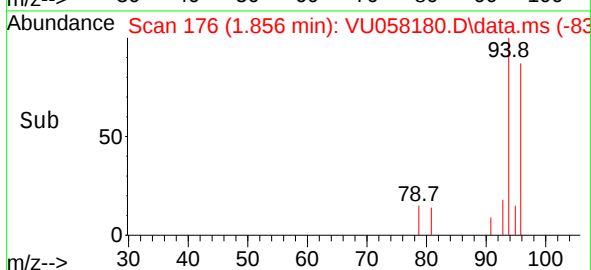
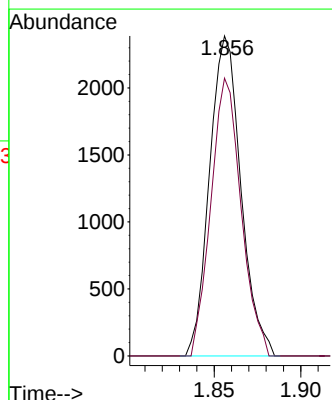
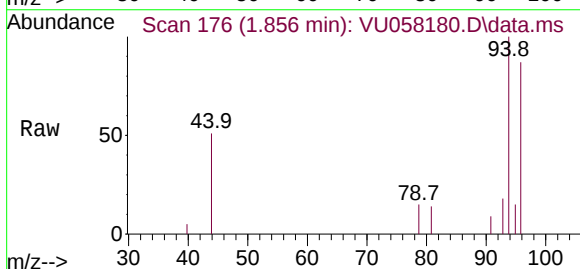
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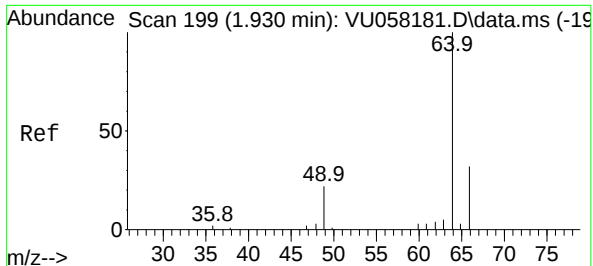
Tgt Ion: 94 Resp: 3010

Ion Ratio Lower Upper

94 100

96 86.8 64.8 120.4

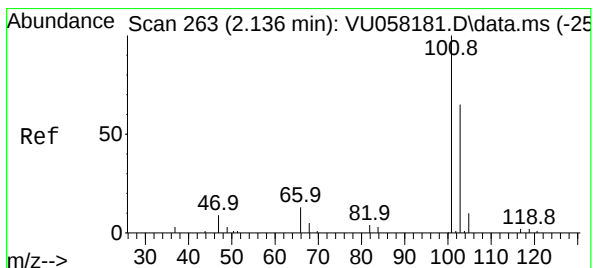
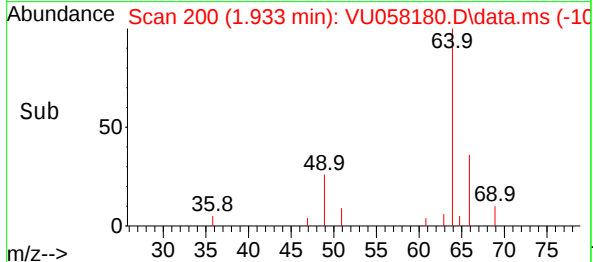
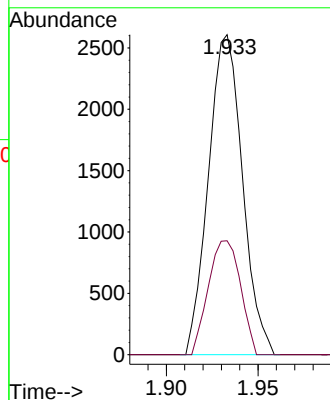
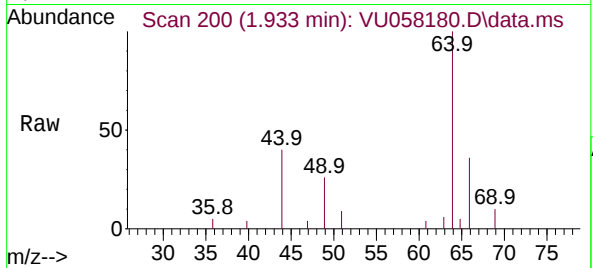




#8
Chloroethane
Concen: 0.845 ug/L
RT: 1.933 min Scan# 200
Delta R.T. 0.003 min
Lab File: VU058180.D
Acq: 21 Mar 2024 12:36

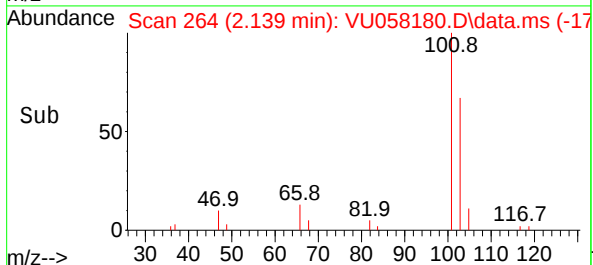
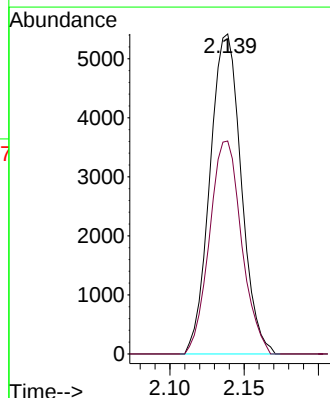
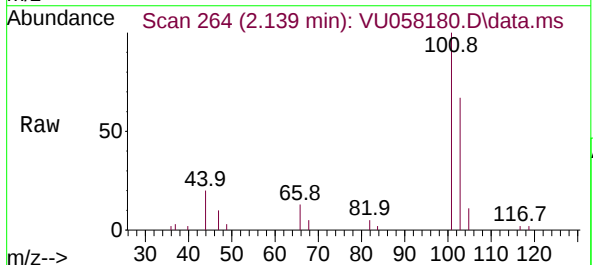
Instrument :
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ClientSampleId :

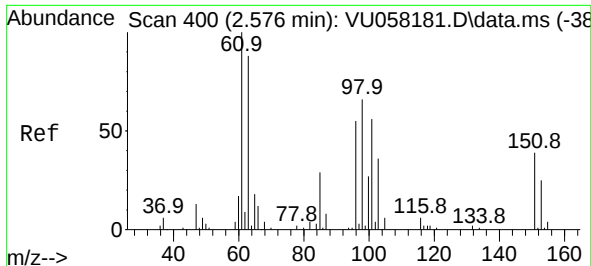
Tgt Ion: 64 Resp: 3370
Ion Ratio Lower Upper
64 100
66 34.0 22.5 41.9



#9
Trichlorofluoromethane
Concen: 0.868 ug/L
RT: 2.139 min Scan# 264
Delta R.T. 0.003 min
Lab File: VU058180.D
Acq: 21 Mar 2024 12:36

Tgt Ion:101 Resp: 7934
Ion Ratio Lower Upper
101 100
103 68.2 52.3 78.5

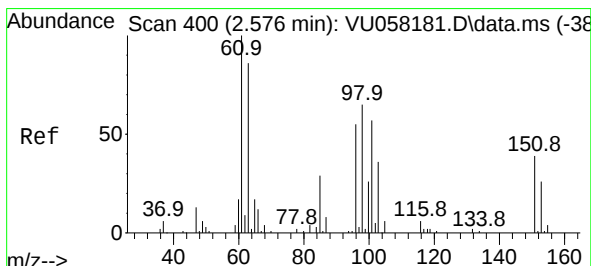
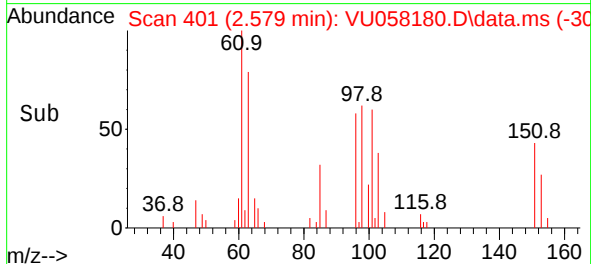
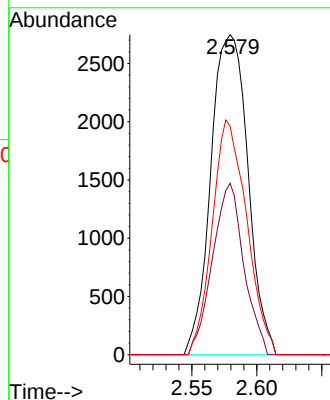
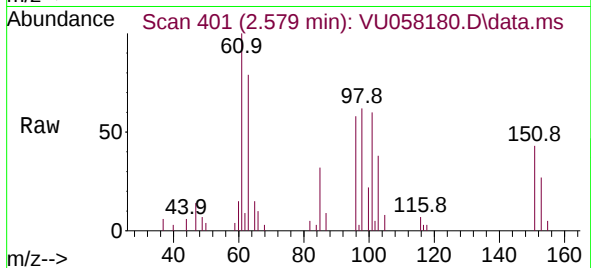




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.949 ug/L
RT: 2.579 min Scan# 401
Delta R.T. 0.003 min
Lab File: VU058180.D
Acq: 21 Mar 2024 12:36

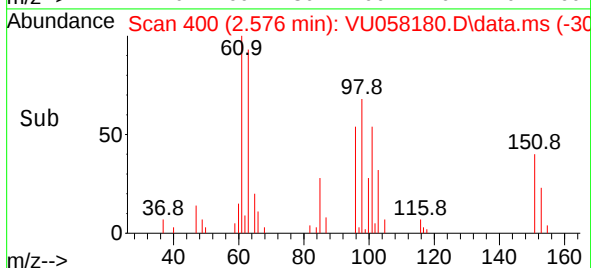
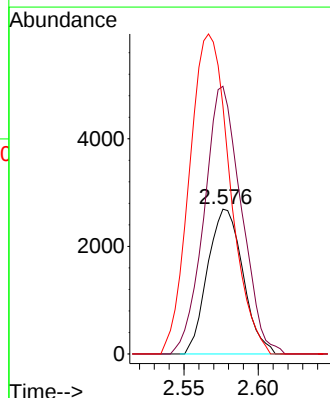
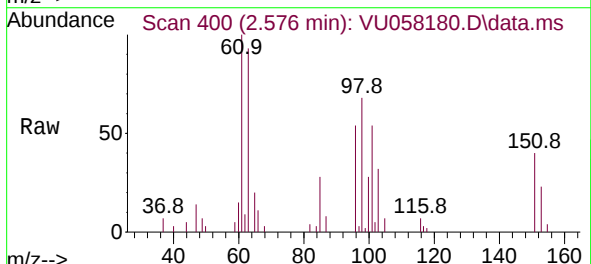
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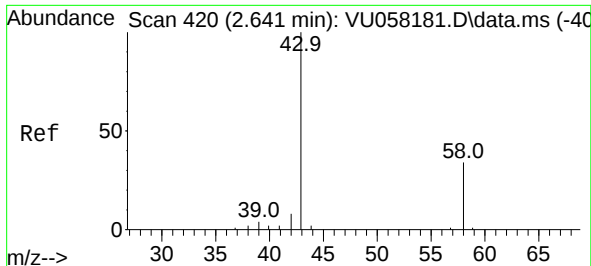
Tgt Ion:101 Resp: 5461
Ion Ratio Lower Upper
101 100
85 45.2 37.9 56.9
151 68.0 55.3 82.9



#12
1,1-Dichloroethene
Concen: 0.887 ug/L
RT: 2.576 min Scan# 400
Delta R.T. -0.000 min
Lab File: VU058180.D
Acq: 21 Mar 2024 12:36

Tgt Ion: 96 Resp: 4456
Ion Ratio Lower Upper
96 100
61 184.9 128.1 237.9
63 171.4 116.8 217.0





#13

Acetone

Concen: 10.060 ug/L

RT: 2.653 min Scan# 41

Delta R.T. 0.013 min

Lab File: VU058180.D

Acq: 21 Mar 2024 12:36

Instrument :

MSVOA_U

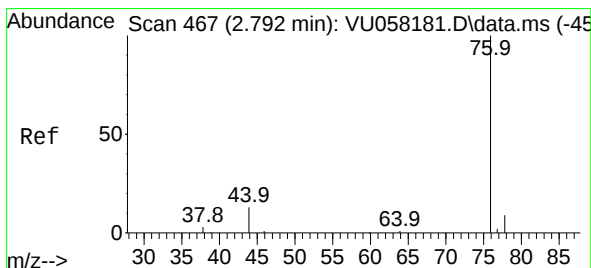
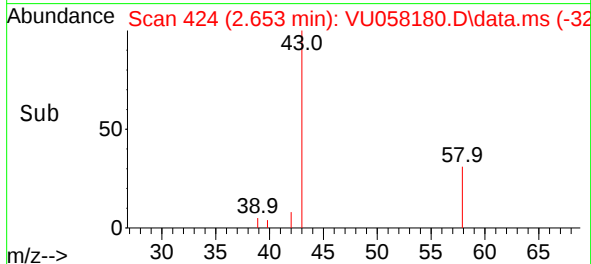
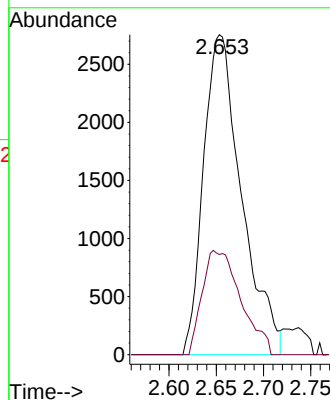
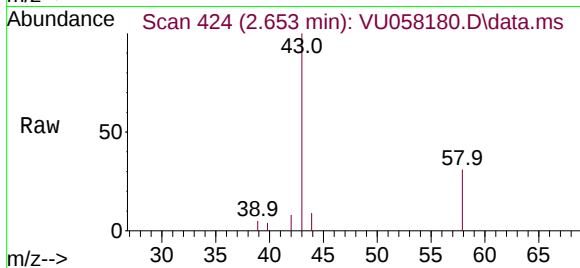
ClientSampleId :

Tgt Ion: 43 Resp: 7708

Ion Ratio Lower Upper

43 100

58 33.0 0.0 64.6



#14

Carbon disulfide

Concen: 0.655 ug/L

RT: 2.792 min Scan# 467

Delta R.T. -0.000 min

Lab File: VU058180.D

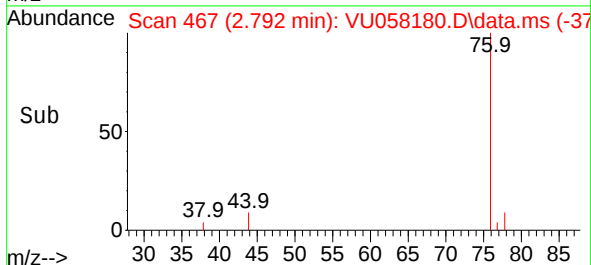
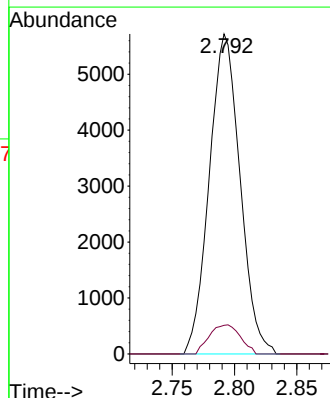
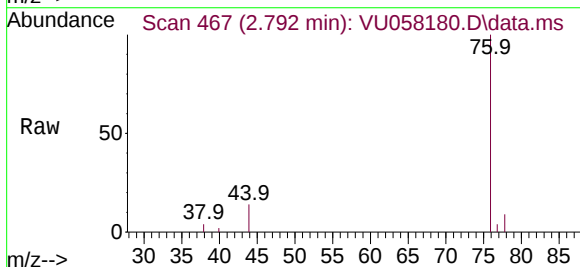
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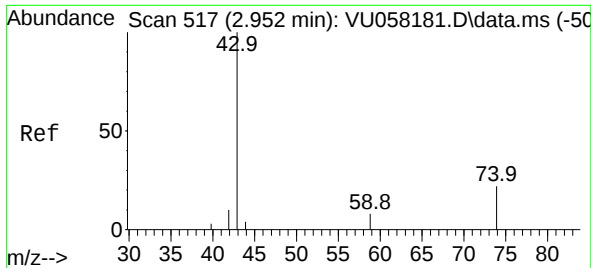
Tgt Ion: 76 Resp: 9822

Ion Ratio Lower Upper

76 100

78 8.9 7.2 10.8





#15

Methyl Acetate

Concen: 1.110 ug/L

RT: 2.962 min Scan# 51

Delta R.T. 0.010 min

Lab File: VU058180.D

Acq: 21 Mar 2024 12:36

Instrument :

MSVOA_U

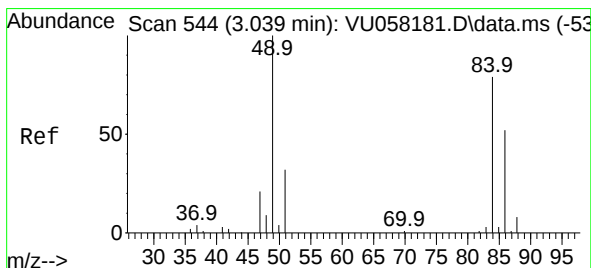
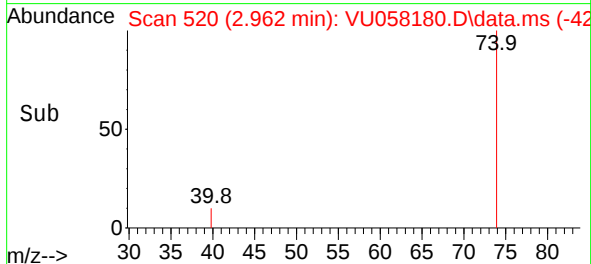
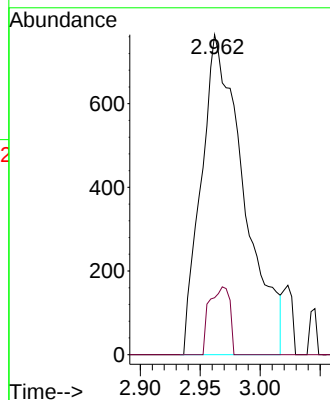
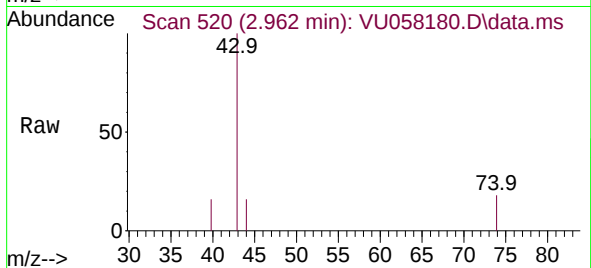
ClientSampleId :

Tgt Ion: 43 Resp: 1889

Ion Ratio Lower Upper

43 100

74 10.1 16.8 25.2#



#16

Methylene chloride

Concen: 1.022 ug/L

RT: 3.039 min Scan# 544

Delta R.T. -0.000 min

Lab File: VU058180.D

Acq: 21 Mar 2024 12:36

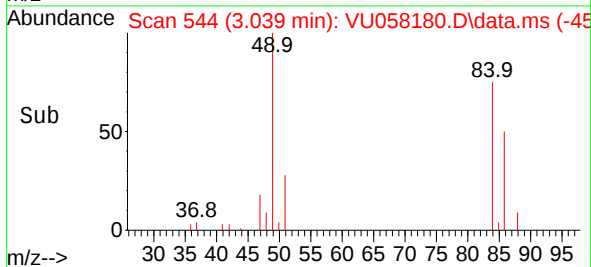
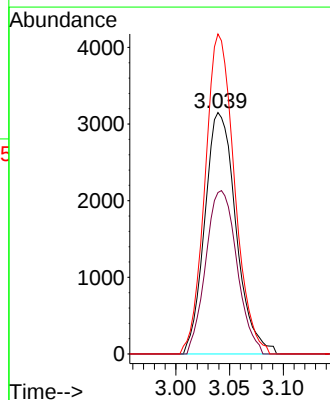
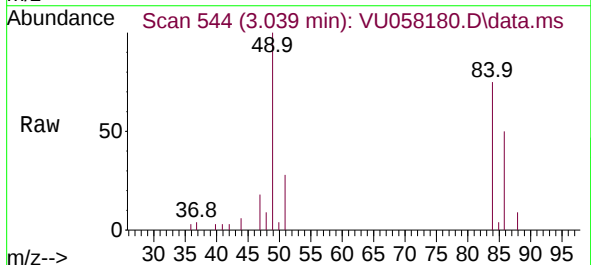
Tgt Ion: 84 Resp: 6369

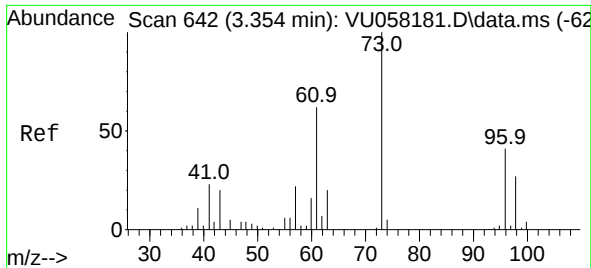
Ion Ratio Lower Upper

84 100

86 66.9 45.6 84.6

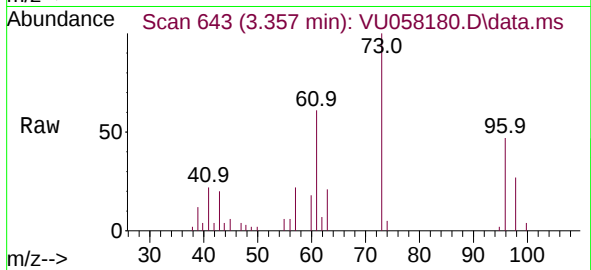
49 132.5 88.3 163.9



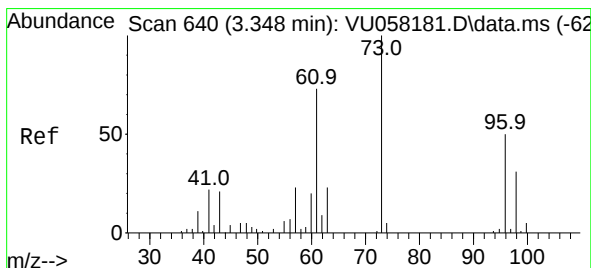
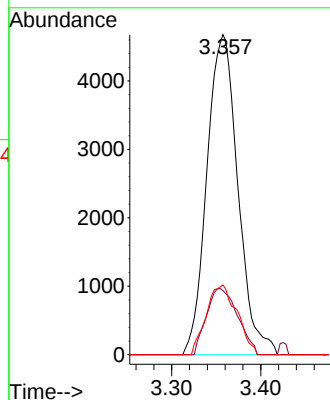
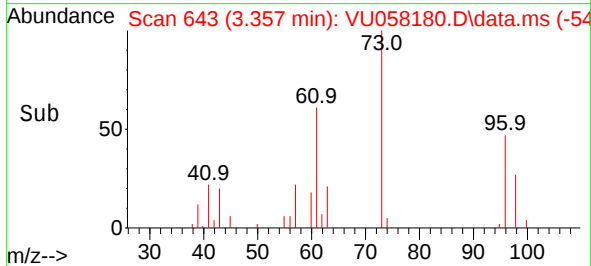


#17
Methyl tert-butyl Ether
Concen: 0.926 ug/L
RT: 3.357 min Scan# 641
Delta R.T. 0.003 min
Lab File: VU058180.D
Acq: 21 Mar 2024 12:36

Instrument :
MSVOA_U
ClientSampleId :

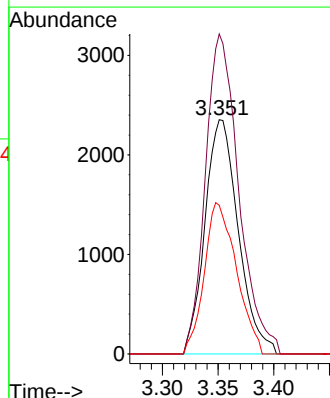
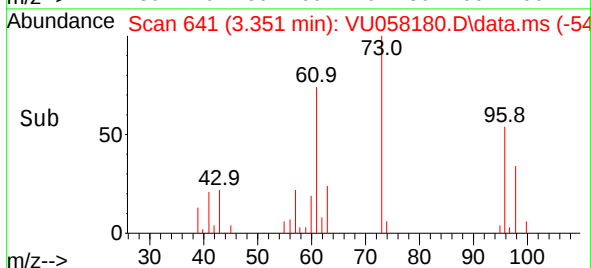
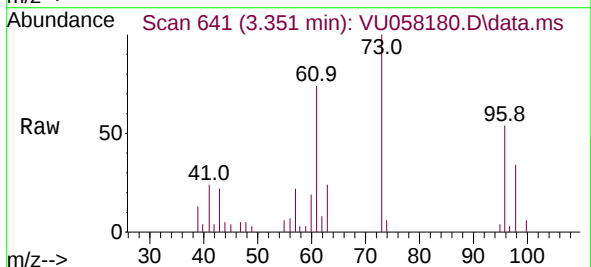


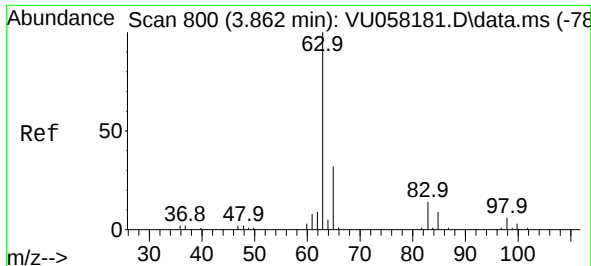
Tgt Ion: 73 Resp: 11309
Ion Ratio Lower Upper
73 100
43 20.9 15.5 23.3
57 21.6 18.0 27.0



#18
trans-1,2-Dichloroethene
Concen: 0.895 ug/L
RT: 3.351 min Scan# 641
Delta R.T. 0.003 min
Lab File: VU058180.D
Acq: 21 Mar 2024 12:36

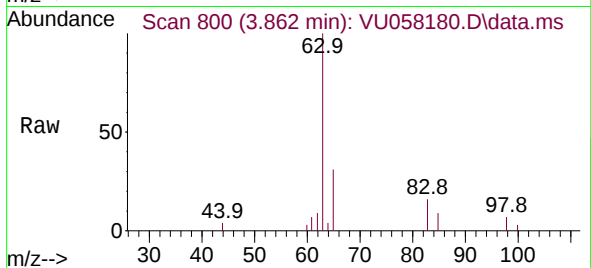
Tgt Ion: 96 Resp: 4915
Ion Ratio Lower Upper
96 100
61 129.3 102.5 190.3
98 60.0 44.0 81.8



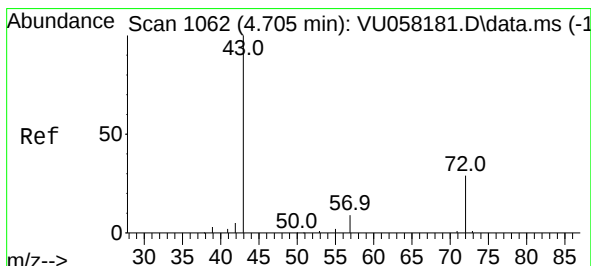
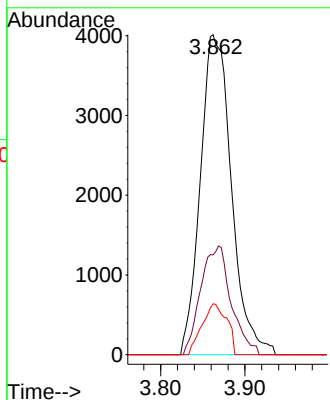
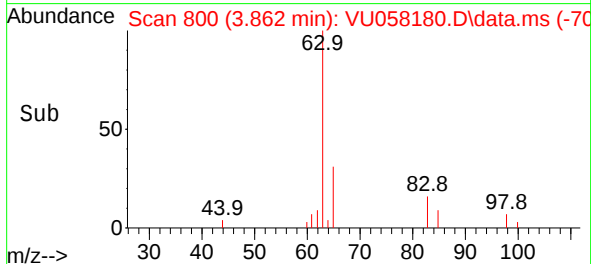


#19
1,1-Dichloroethane
Concen: 0.921 ug/L
RT: 3.862 min Scan# 800
Delta R.T. -0.000 min
Lab File: VU058180.D
Acq: 21 Mar 2024 12:36

Instrument :
MSVOA_U
ClientSampleId :

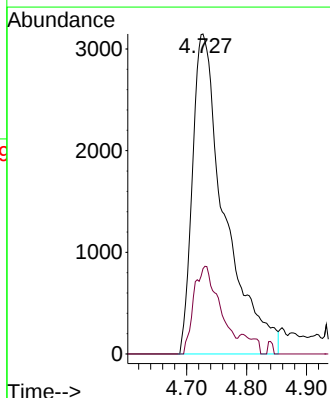
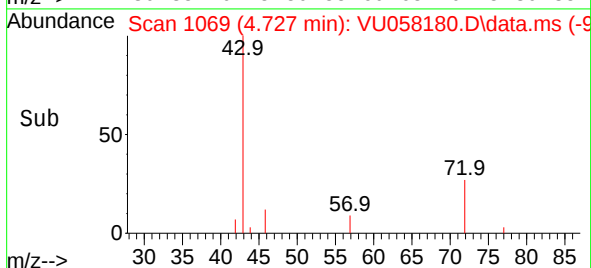
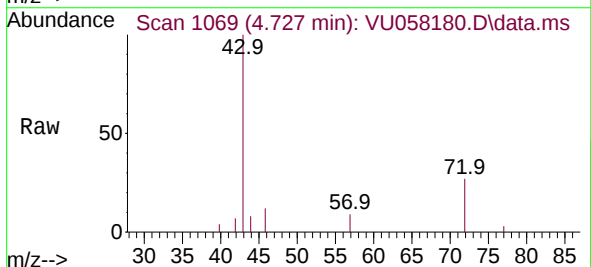


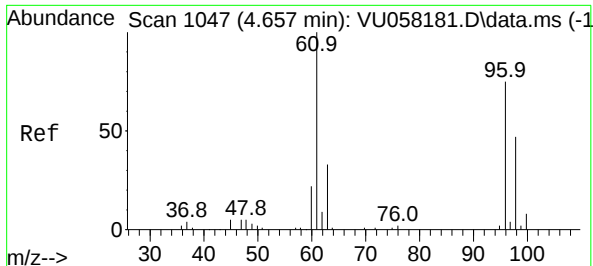
Tgt Ion: 63 Resp: 10297
Ion Ratio Lower Upper
63 100
65 31.2 22.3 41.5
83 15.9 10.0 18.6



#21
2-Butanone
Concen: 9.693 ug/L
RT: 4.727 min Scan# 1069
Delta R.T. 0.022 min
Lab File: VU058180.D
Acq: 21 Mar 2024 12:36

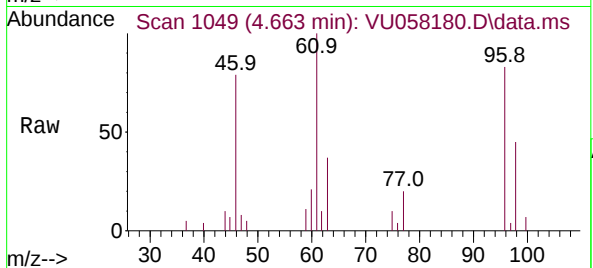
Tgt Ion: 43 Resp: 11711
Ion Ratio Lower Upper
43 100
72 22.2 14.0 41.9



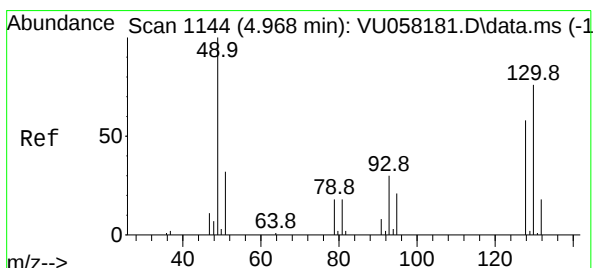
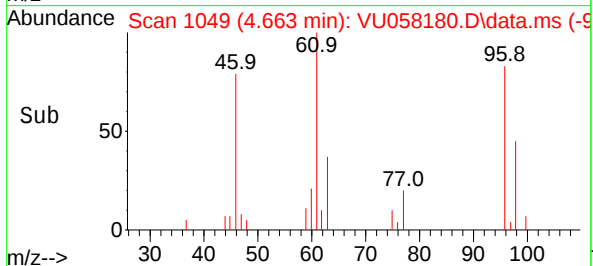
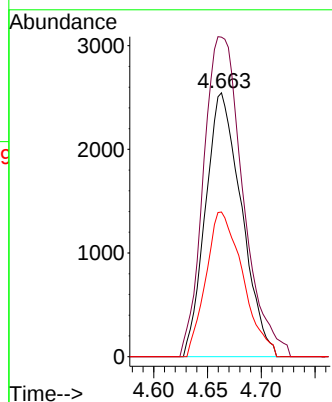


#22
cis-1,2-Dichloroethene
Concen: 0.964 ug/L
RT: 4.663 min Scan# 1049
Delta R.T. 0.006 min
Lab File: VU058180.D
Acq: 21 Mar 2024 12:36

Instrument :
MSVOA_U
ClientSampleId :

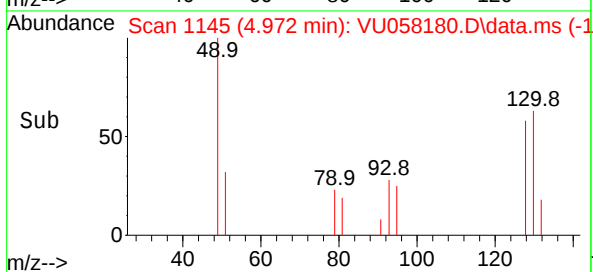
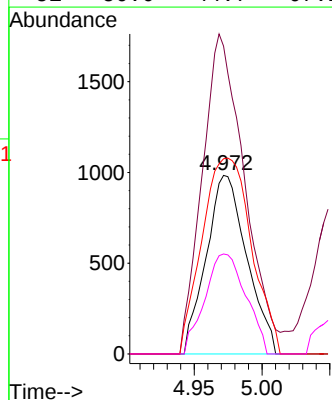
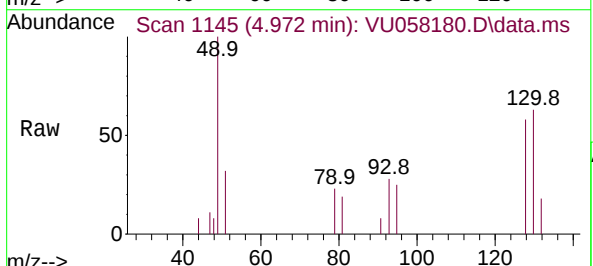


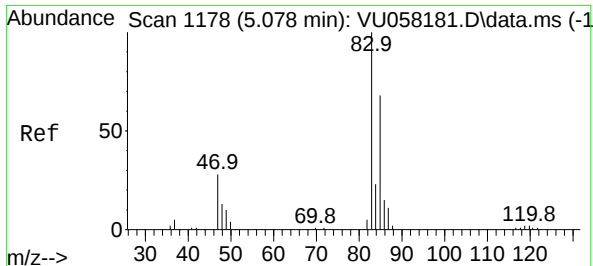
Tgt Ion:	96	Resp:	5925
Ion	Ratio	Lower	Upper
96	100		
61	121.1	92.8	172.4
98	54.8	43.2	80.2



#23
Bromochloromethane
Concen: 0.893 ug/L
RT: 4.972 min Scan# 1145
Delta R.T. 0.003 min
Lab File: VU058180.D
Acq: 21 Mar 2024 12:36

Tgt Ion:	128	Resp:	2048
Ion	Ratio	Lower	Upper
128	100		
49	172.4	125.0	232.2
130	109.2	92.3	171.5
51	56.0	44.7	67.1





#25

Chloroform

Concen: 0.971 ug/L

RT: 5.081 min Scan# 1178

Delta R.T. 0.003 min

Lab File: VU058180.D

Acq: 21 Mar 2024 12:36

Instrument :

MSVOA_U

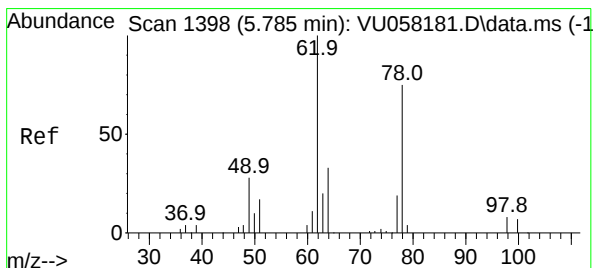
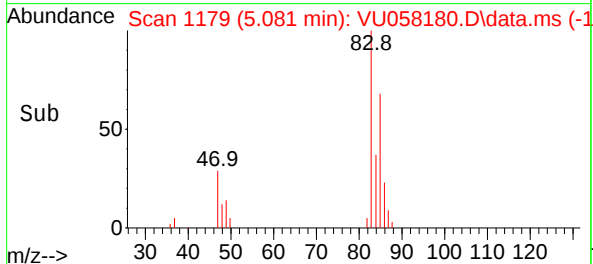
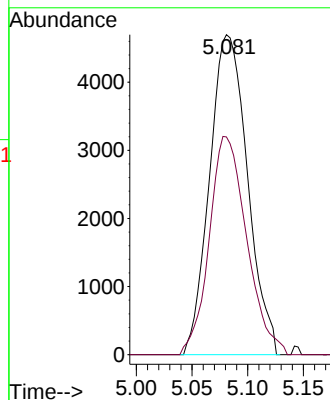
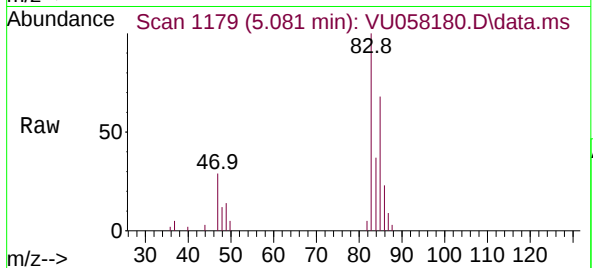
ClientSampleId :

Tgt Ion: 83 Resp: 11140

Ion Ratio Lower Upper

83 100

85 68.1 47.9 88.9



#27

1,2-Dichloroethane

Concen: 0.964 ug/L

RT: 5.791 min Scan# 1400

Delta R.T. 0.006 min

Lab File: VU058180.D

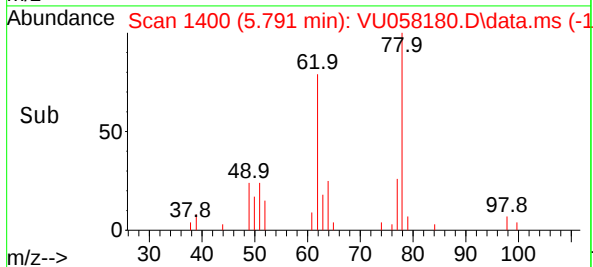
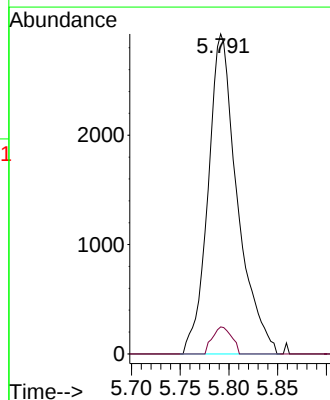
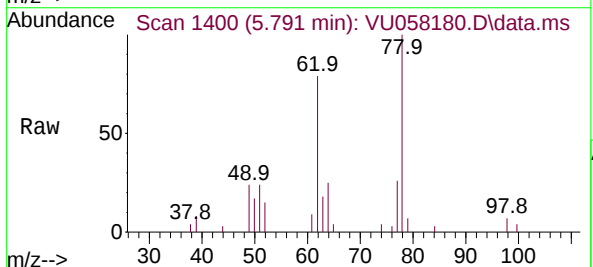
Acq: 21 Mar 2024 12:36

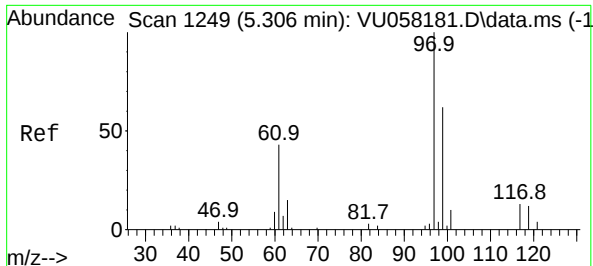
Tgt Ion: 62 Resp: 6120

Ion Ratio Lower Upper

62 100

98 8.4 6.6 10.0

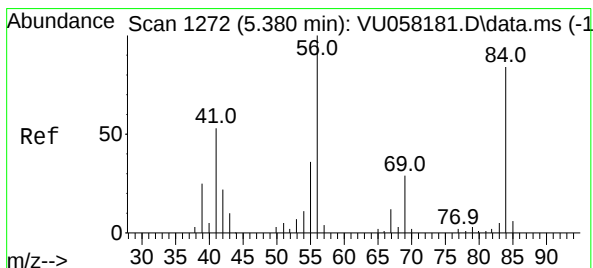
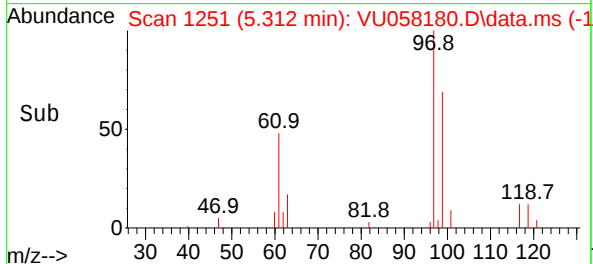
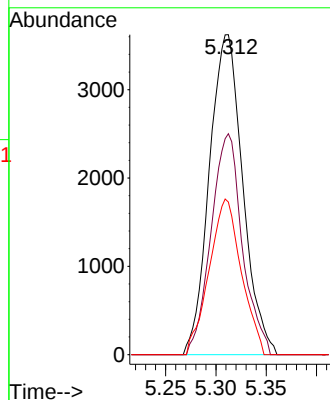
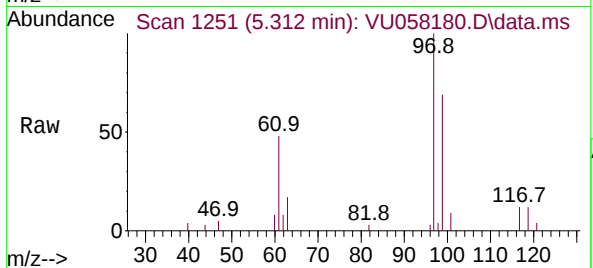




#29
1,1,1-Trichloroethane
Concen: 0.869 ug/L
RT: 5.312 min Scan# 1251
Delta R.T. 0.006 min
Lab File: VU058180.D
Acq: 21 Mar 2024 12:36

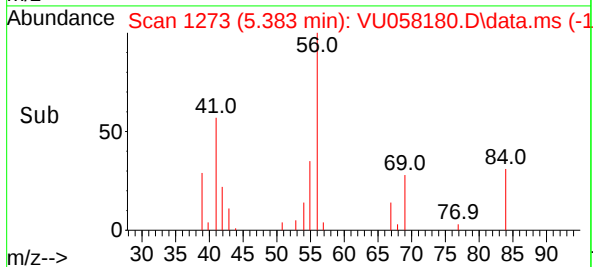
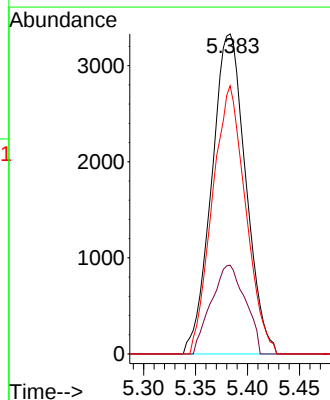
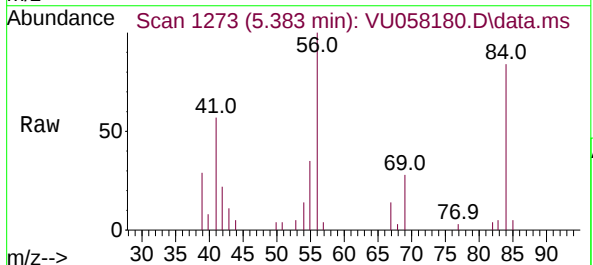
Instrument :
MSVOA_U
ClientSampleId :

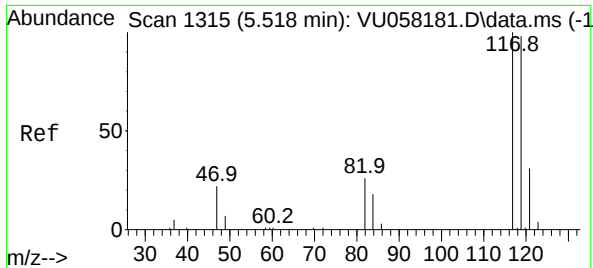
Tgt Ion: 97 Resp: 8375
Ion Ratio Lower Upper
97 100
99 64.7 50.5 75.7
61 46.7 36.3 54.5



#30
Cyclohexane
Concen: 0.806 ug/L
RT: 5.383 min Scan# 1273
Delta R.T. 0.003 min
Lab File: VU058180.D
Acq: 21 Mar 2024 12:36

Tgt Ion: 56 Resp: 7589
Ion Ratio Lower Upper
56 100
69 27.7 24.2 36.2
84 81.7 69.7 104.5

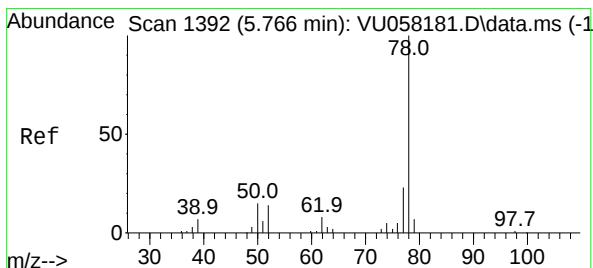
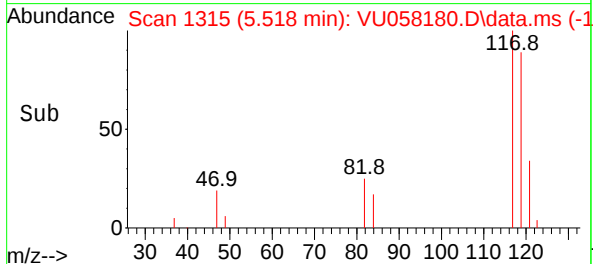
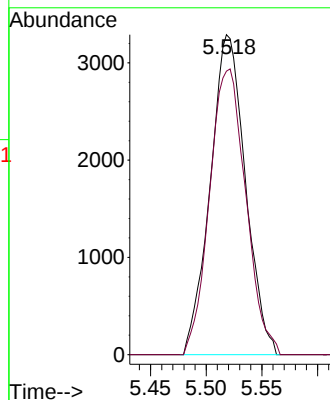
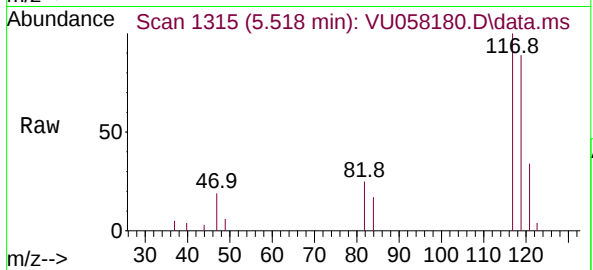




#31
Carbon tetrachloride
Concen: 0.873 ug/L
RT: 5.518 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VU058180.D
Acq: 21 Mar 2024 12:36

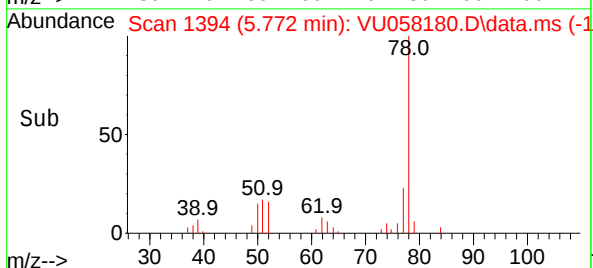
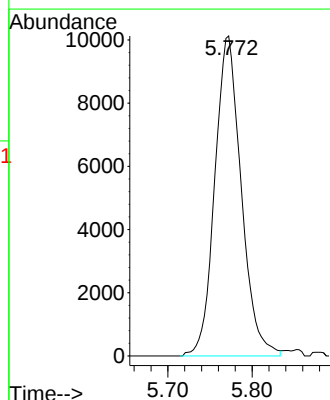
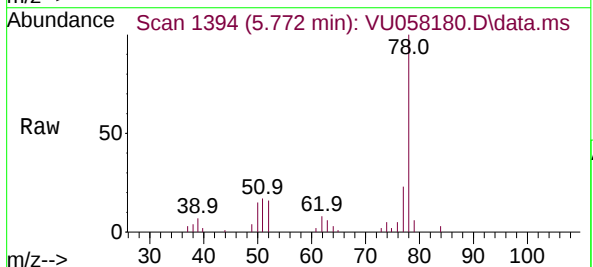
Instrument :
MSVOA_U
ClientSampleId :

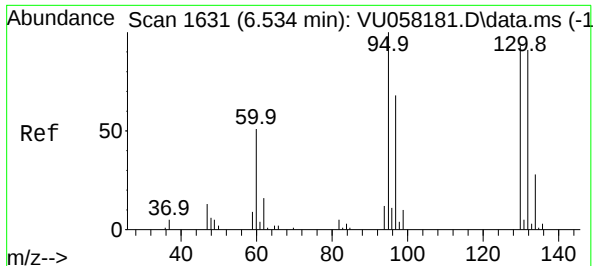
Tgt Ion:117 Resp: 7231
Ion Ratio Lower Upper
117 100
119 92.0 78.1 117.1



#33
Benzene
Concen: 0.890 ug/L
RT: 5.772 min Scan# 1394
Delta R.T. 0.006 min
Lab File: VU058180.D
Acq: 21 Mar 2024 12:36

Tgt Ion: 78 Resp: 22031





#34

Trichloroethene

Concen: 0.907 ug/L

RT: 6.541 min Scan# 1

Delta R.T. 0.006 min

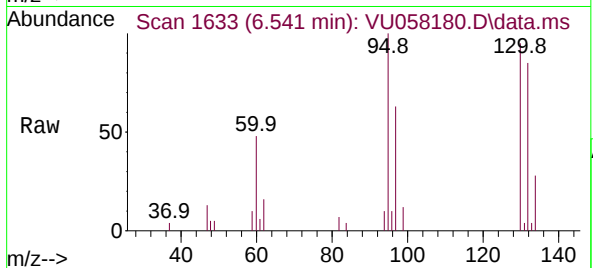
Lab File: VU058180.D

Acq: 21 Mar 2024 12:36

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 95 Resp: 5908

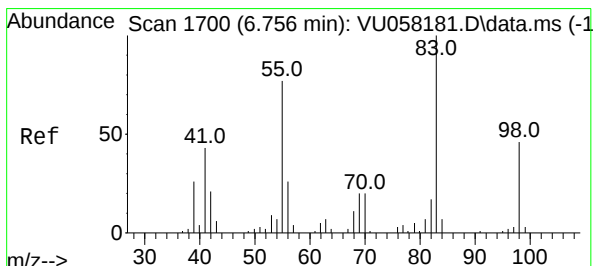
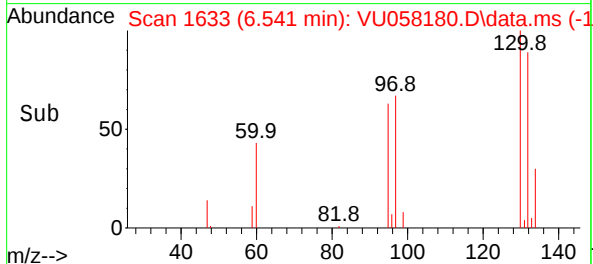
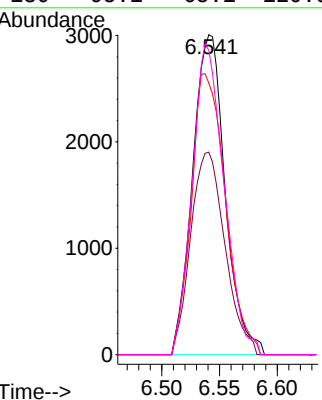
Ion Ratio Lower Upper

95 100

97 63.3 47.7 88.7

132 84.9 63.6 118.2

130 95.1 65.1 120.9



#35

Methylcyclohexane

Concen: 0.778 ug/L

RT: 6.756 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VU058180.D

Acq: 21 Mar 2024 12:36

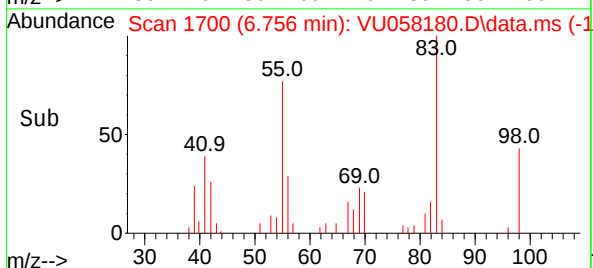
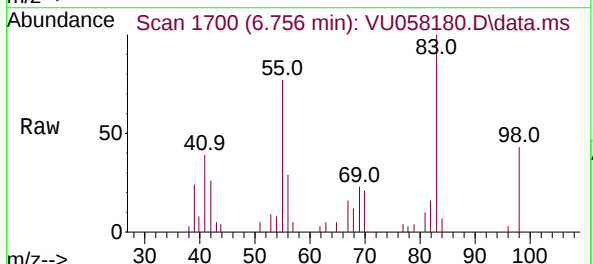
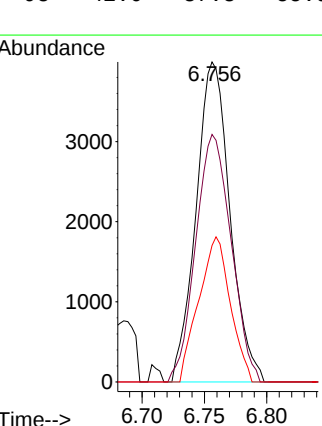
Tgt Ion: 83 Resp: 7570

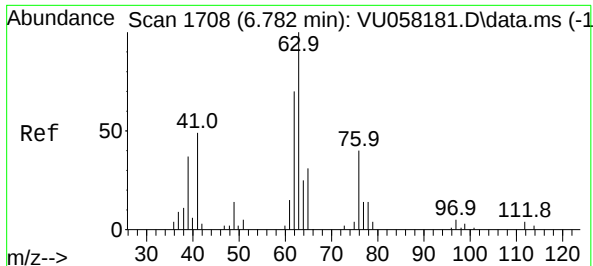
Ion Ratio Lower Upper

83 100

55 80.8 62.7 94.1

98 42.0 37.3 55.9

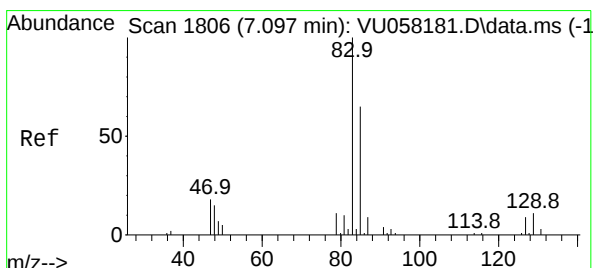
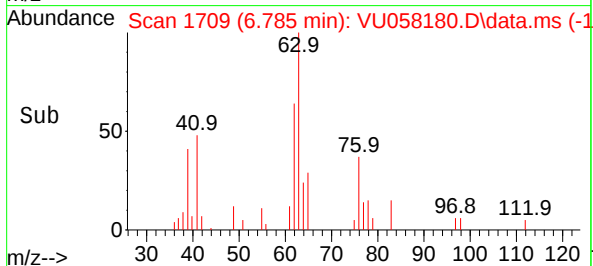
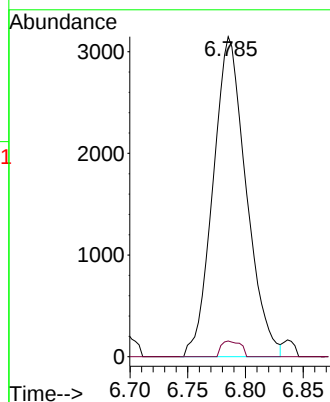
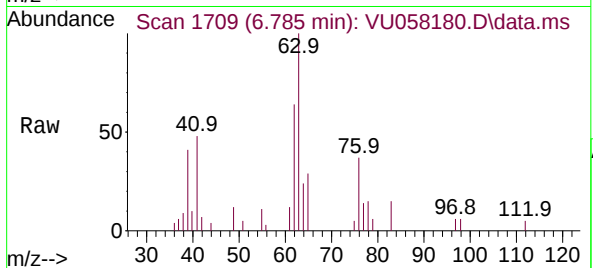




#37
1,2-Dichloropropane
Concen: 0.976 ug/L
RT: 6.785 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU058180.D
Acq: 21 Mar 2024 12:36

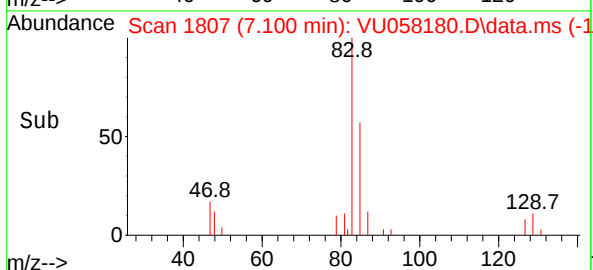
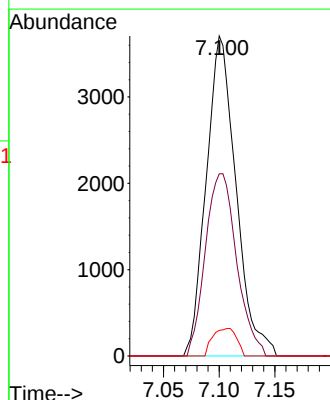
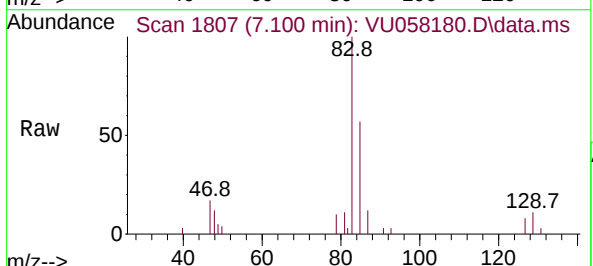
Instrument :
MSVOA_U
ClientSampleId :

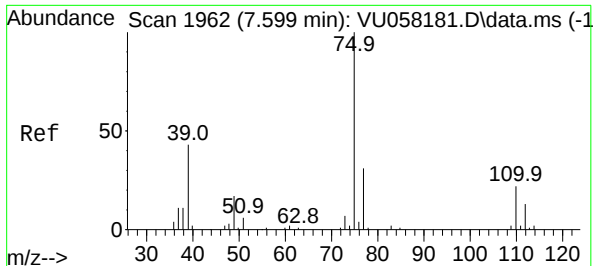
Tgt Ion: 63 Resp: 6285
Ion Ratio Lower Upper
63 100
112 2.8 2.7 4.1



#38
Bromodichloromethane
Concen: 0.887 ug/L
RT: 7.100 min Scan# 1807
Delta R.T. 0.003 min
Lab File: VU058180.D
Acq: 21 Mar 2024 12:36

Tgt Ion: 83 Resp: 6880
Ion Ratio Lower Upper
83 100
85 56.9 45.6 84.8
127 8.0 7.1 10.7

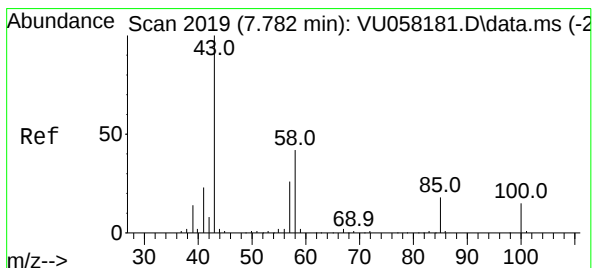
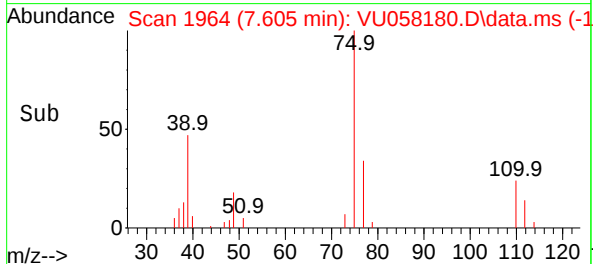
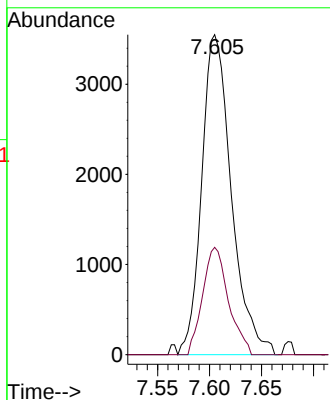
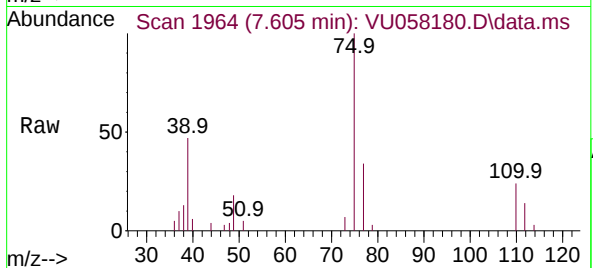




#39
cis-1,3-Dichloropropene
Concen: 0.804 ug/L
RT: 7.605 min Scan# 1962
Delta R.T. 0.006 min
Lab File: VU058180.D
Acq: 21 Mar 2024 12:36

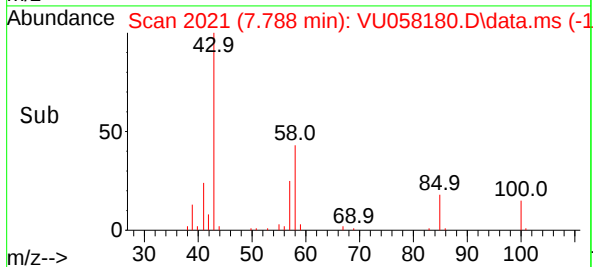
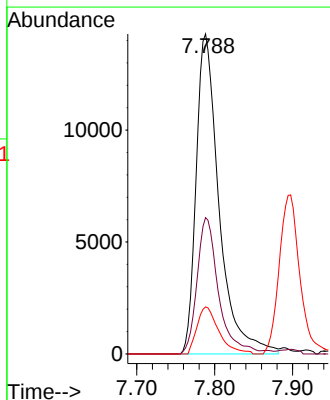
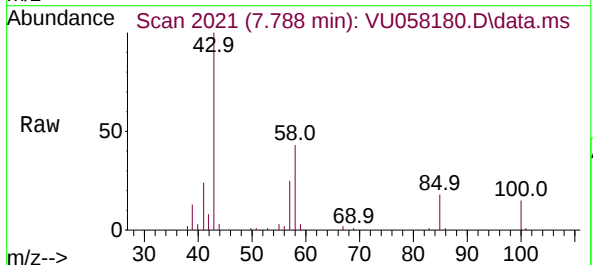
Instrument :
MSVOA_U
ClientSampleId :

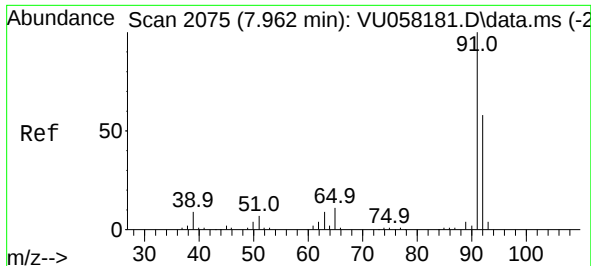
Tgt Ion: 75 Resp: 7053
Ion Ratio Lower Upper
75 100
77 33.5 21.4 39.8



#40
4-Methyl-2-pentanone
Concen: 9.794 ug/L
RT: 7.788 min Scan# 2021
Delta R.T. 0.006 min
Lab File: VU058180.D
Acq: 21 Mar 2024 12:36

Tgt Ion: 43 Resp: 29212
Ion Ratio Lower Upper
43 100
58 39.8 33.2 49.8
100 14.0 11.5 17.3





#42

Toluene

Concen: 0.881 ug/L

RT: 7.965 min Scan# 2075

Delta R.T. 0.003 min

Lab File: VU058180.D

Acq: 21 Mar 2024 12:36

Instrument :

MSVOA_U

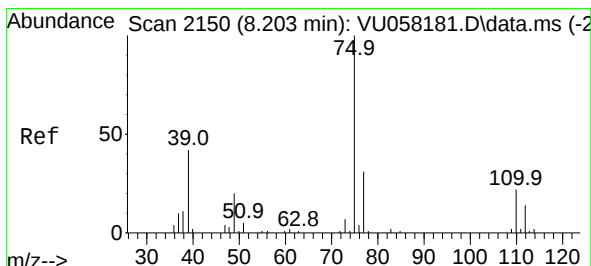
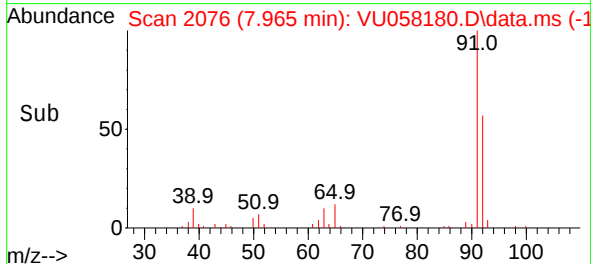
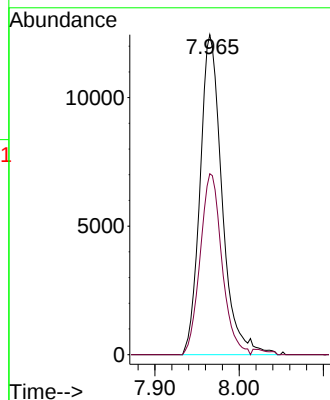
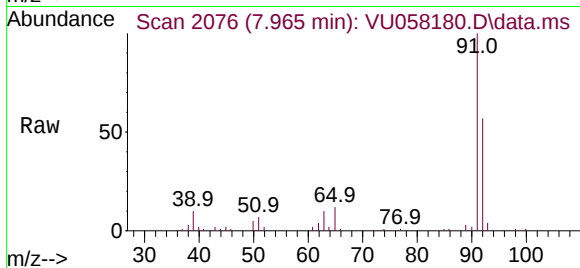
ClientSampleId :

Tgt Ion: 91 Resp: 22629

Ion Ratio Lower Upper

91 100

92 56.5 40.7 75.5



#44

trans-1,3-Dichloropropene

Concen: 0.764 ug/L

RT: 8.213 min Scan# 2153

Delta R.T. 0.010 min

Lab File: VU058180.D

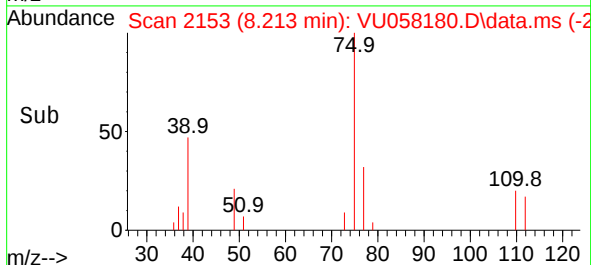
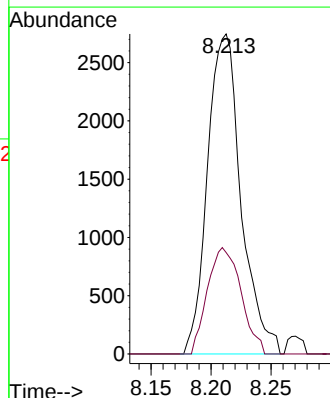
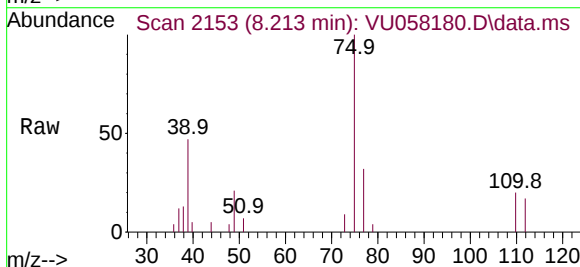
Acq: 21 Mar 2024 12:36

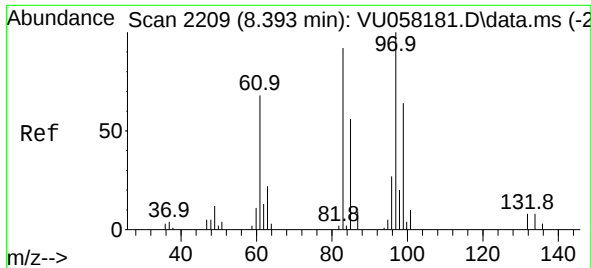
Tgt Ion: 75 Resp: 5341

Ion Ratio Lower Upper

75 100

77 31.7 21.7 40.3



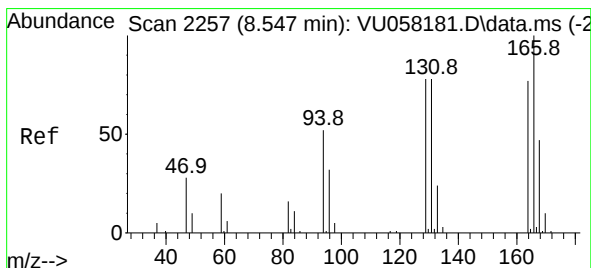
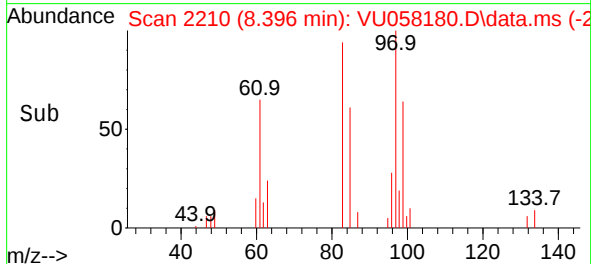
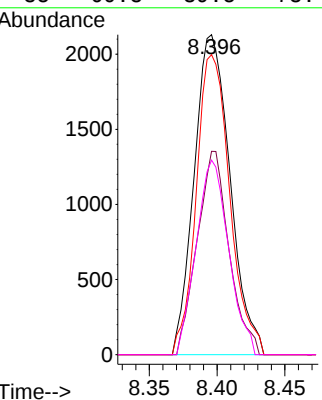
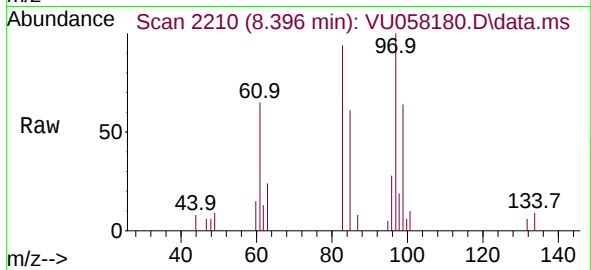


#45
1,1,2-Trichloroethane
Concen: 1.016 ug/L
RT: 8.396 min Scan# 2209
Delta R.T. 0.003 min
Lab File: VU058180.D
Acq: 21 Mar 2024 12:36

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 3918

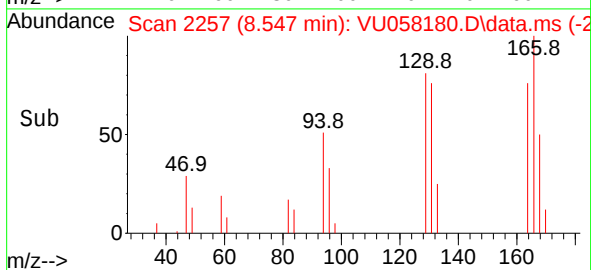
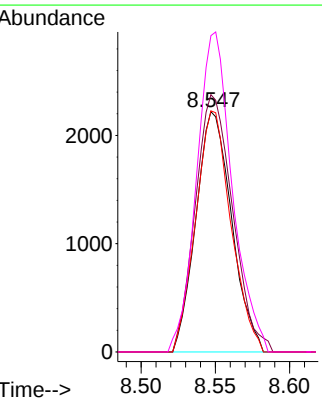
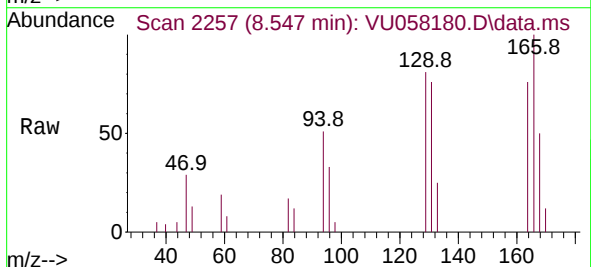
Ion	Ratio	Lower	Upper
97	100		
99	63.6	44.5	82.7
83	93.8	64.1	119.1
85	60.8	39.5	73.4

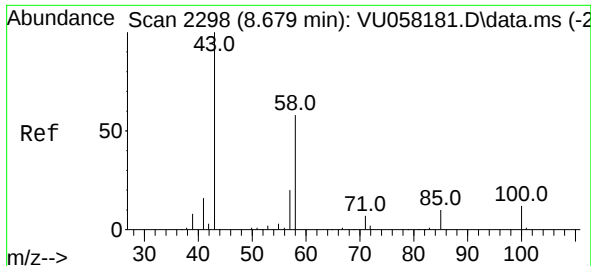


#47
Tetrachloroethene
Concen: 0.824 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.000 min
Lab File: VU058180.D
Acq: 21 Mar 2024 12:36

Tgt Ion:164 Resp: 3709

Ion	Ratio	Lower	Upper
164	100		
129	107.1	71.3	132.3
131	100.3	70.8	131.4
166	131.6	90.9	168.9





#48

2-Hexanone

Concen: 9.369 ug/L

RT: 8.685 min Scan# 2300

Delta R.T. 0.006 min

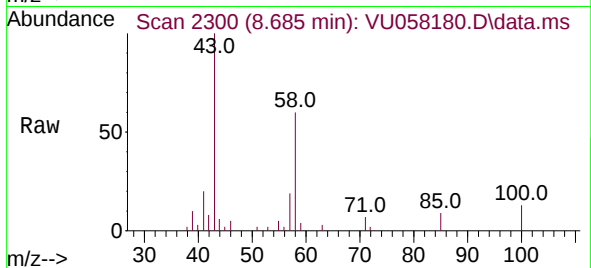
Lab File: VU058180.D

Acq: 21 Mar 2024 12:36

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 43 Resp: 20436

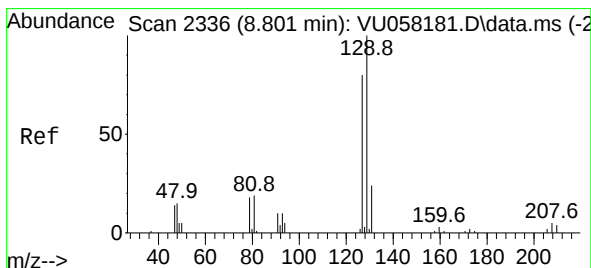
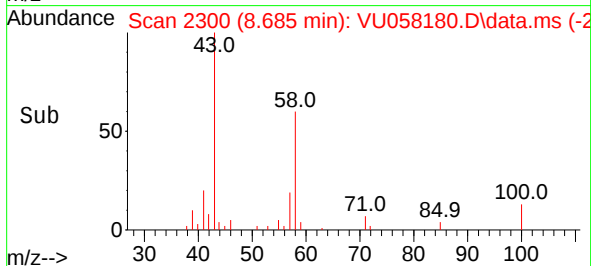
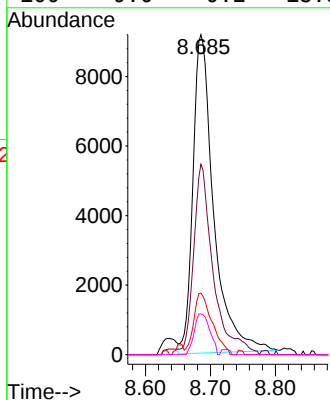
Ion Ratio Lower Upper

43 100

58 55.9 48.3 72.5

57 17.1 16.3 24.5

100 9.6 9.2 13.8



#49

Dibromochloromethane

Concen: 0.904 ug/L

RT: 8.804 min Scan# 2337

Delta R.T. 0.003 min

Lab File: VU058180.D

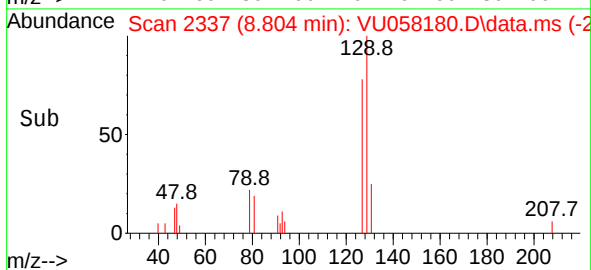
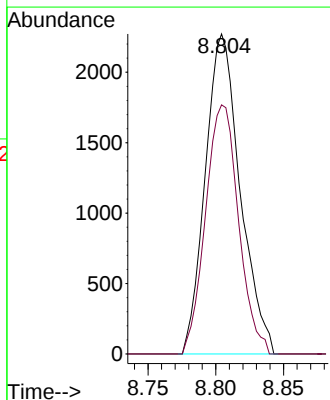
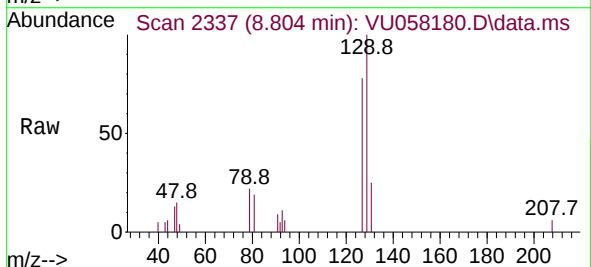
Acq: 21 Mar 2024 12:36

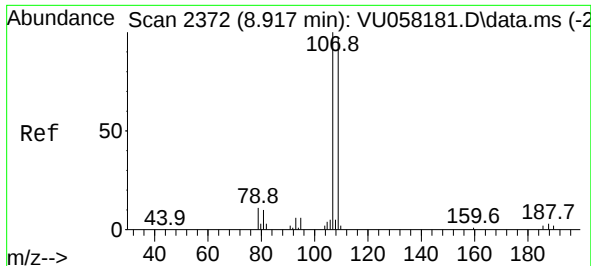
Tgt Ion: 129 Resp: 4071

Ion Ratio Lower Upper

129 100

127 77.9 55.7 103.5

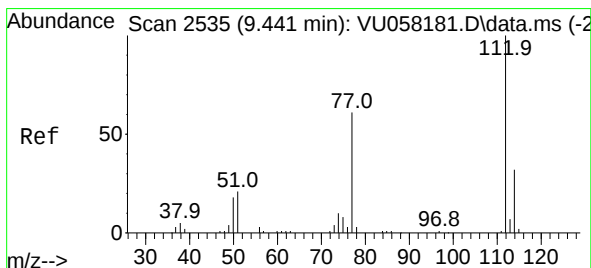
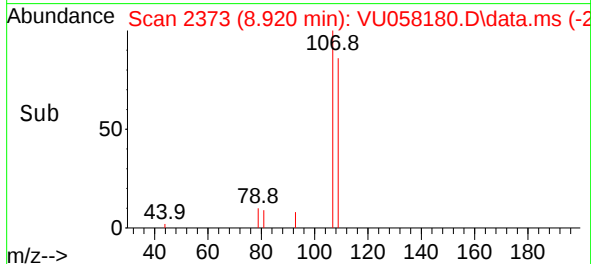
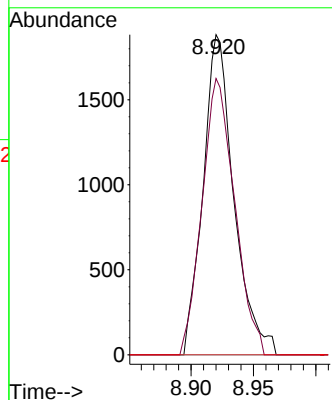
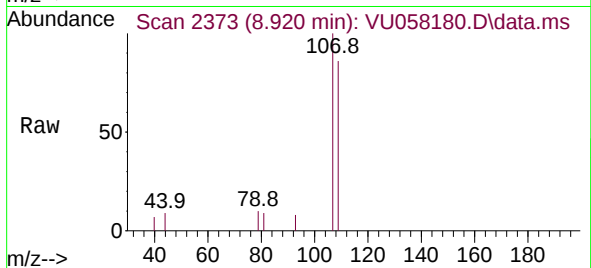




#50
1,2-Dibromoethane
Concen: 0.951 ug/L
RT: 8.920 min Scan# 2373
Delta R.T. 0.003 min
Lab File: VU058180.D
Acq: 21 Mar 2024 12:36

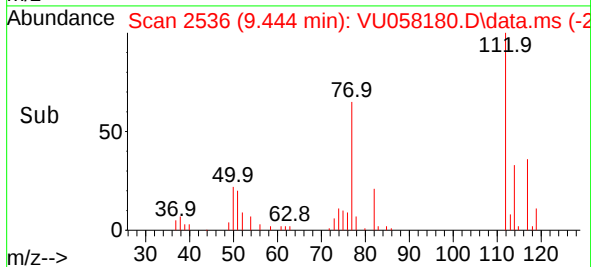
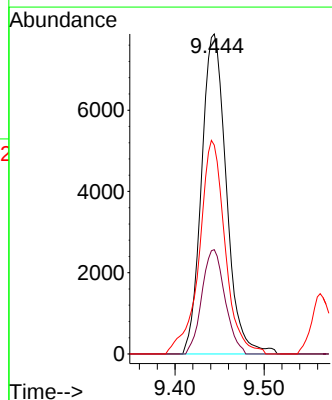
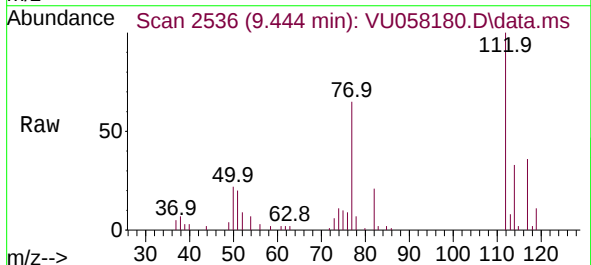
Instrument :
MSVOA_U
ClientSampleId :

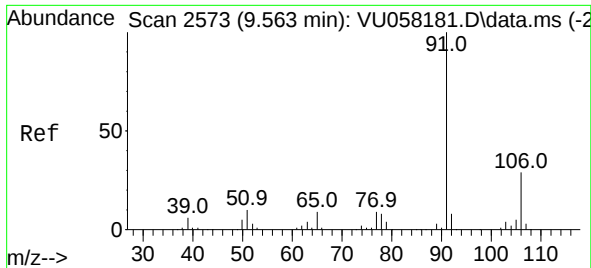
Tgt Ion:107 Resp: 3234
Ion Ratio Lower Upper
107 100
109 86.3 67.8 125.8
188 0.0 2.5 3.7#



#51
Chlorobenzene
Concen: 0.934 ug/L
RT: 9.444 min Scan# 2536
Delta R.T. 0.003 min
Lab File: VU058180.D
Acq: 21 Mar 2024 12:36

Tgt Ion:112 Resp: 15206
Ion Ratio Lower Upper
112 100
114 32.6 22.7 42.3
77 65.3 48.9 73.3

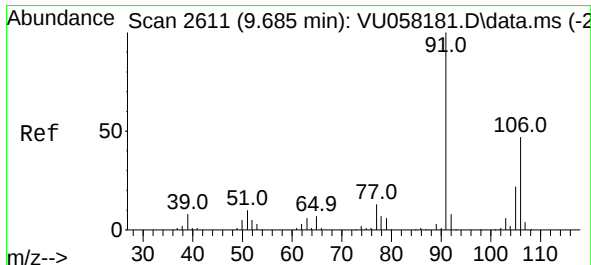
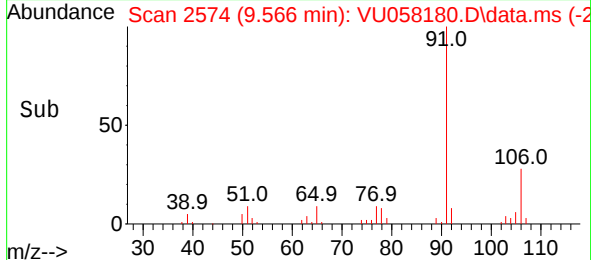
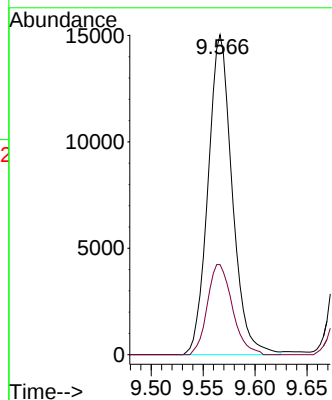
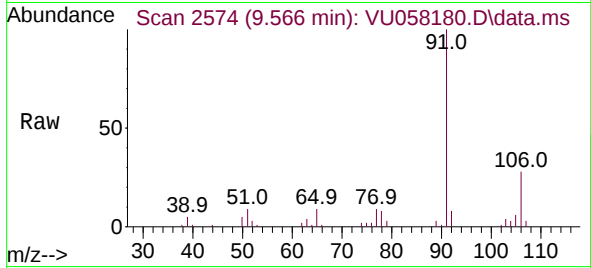




#52
Ethylbenzene
Concen: 0.844 ug/L
RT: 9.566 min Scan# 2574
Delta R.T. 0.003 min
Lab File: VU058180.D
Acq: 21 Mar 2024 12:36

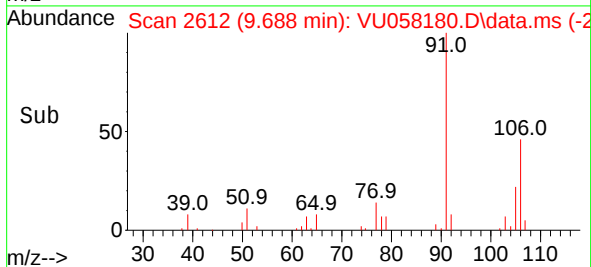
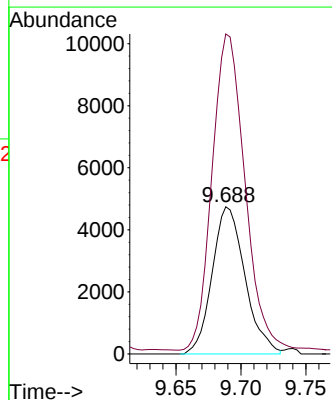
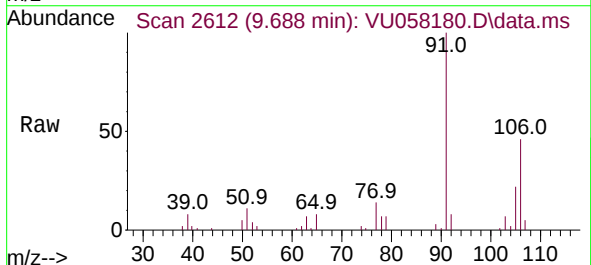
Instrument :
MSVOA_U
ClientSampleId :

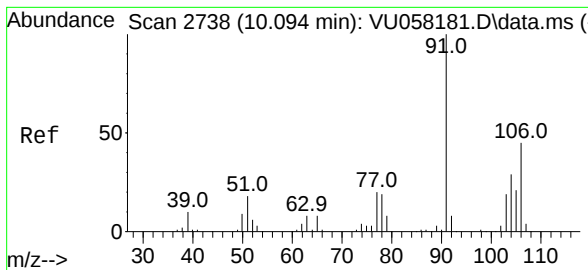
Tgt Ion: 91 Resp: 24315
Ion Ratio Lower Upper
91 100
106 28.1 20.6 38.2



#53
m,p-Xylene
Concen: 0.811 ug/L
RT: 9.688 min Scan# 2612
Delta R.T. 0.003 min
Lab File: VU058180.D
Acq: 21 Mar 2024 12:36

Tgt Ion:106 Resp: 8328
Ion Ratio Lower Upper
106 100
91 217.3 151.0 280.4

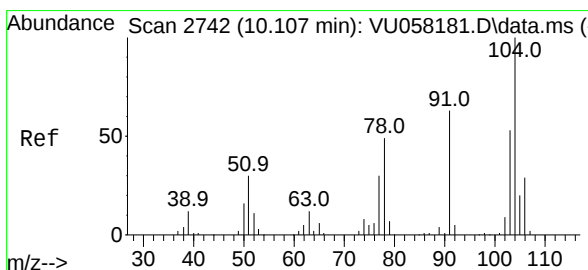
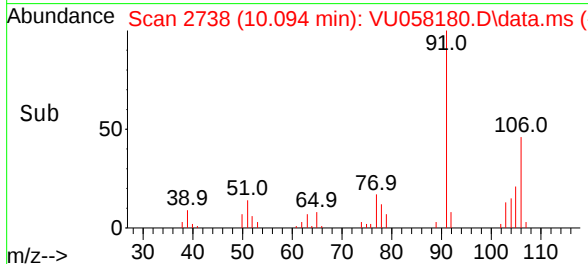
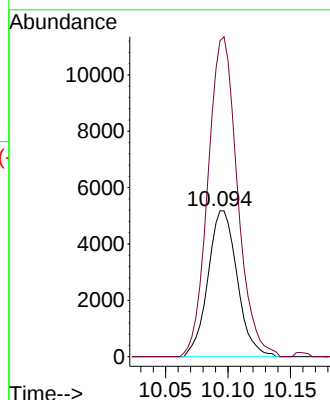
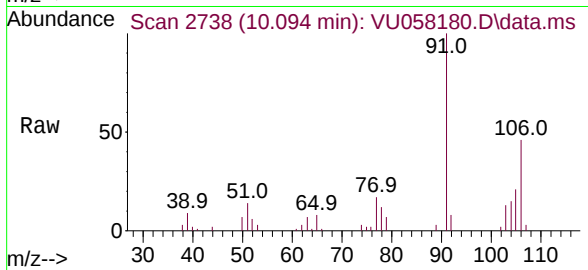




#54
o-Xylene
Concen: 0.818 ug/L
RT: 10.094 min Scan# 2738
Delta R.T. -0.000 min
Lab File: VU058180.D
Acq: 21 Mar 2024 12:36

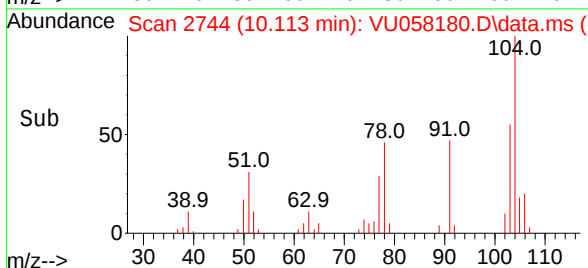
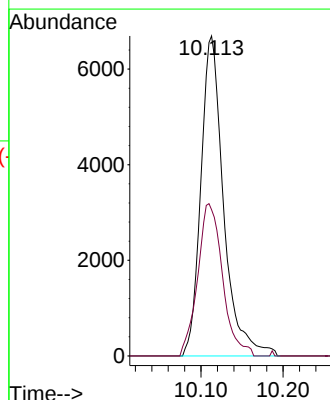
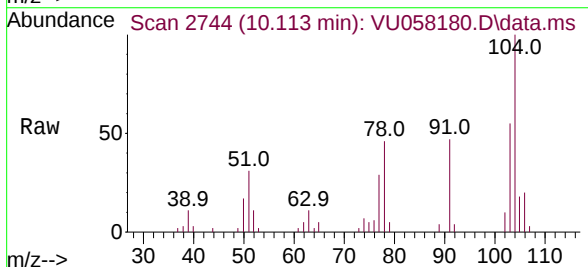
Instrument :
MSVOA_U
ClientSampleId :

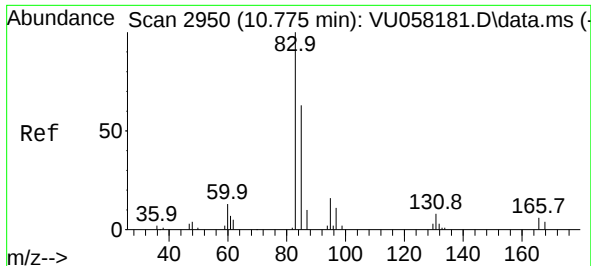
Tgt Ion:106 Resp: 8457
Ion Ratio Lower Upper
106 100
91 216.6 154.3 286.7



#55
Styrene
Concen: 0.799 ug/L
RT: 10.113 min Scan# 2744
Delta R.T. 0.006 min
Lab File: VU058180.D
Acq: 21 Mar 2024 12:36

Tgt Ion:104 Resp: 12864
Ion Ratio Lower Upper
104 100
78 45.7 34.5 64.1





#57

1,1,2,2-Tetrachloroethane

Concen: 1.044 ug/L

RT: 10.775 min Scan# 2950

Delta R.T. -0.000 min

Lab File: VU058180.D

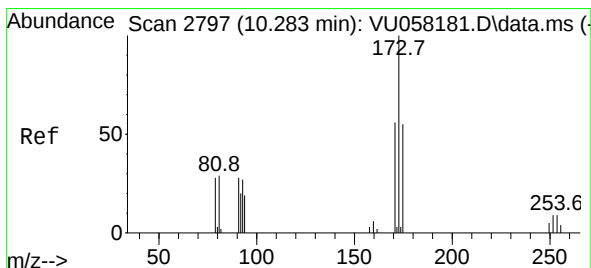
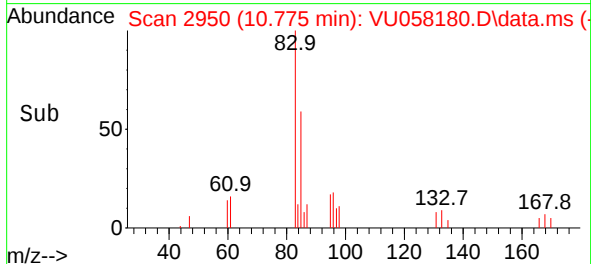
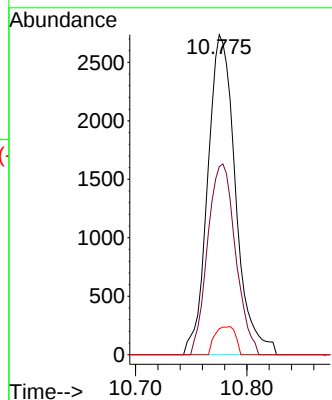
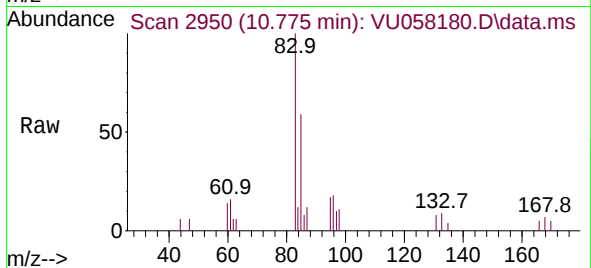
Acq: 21 Mar 2024 12:36

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	83	Resp:	4747
Ion	Ratio	Lower	Upper
83	100		
85	58.8	44.7	82.9
131	8.1	7.0	10.6



#59

Bromoform

Concen: 1.006 ug/L

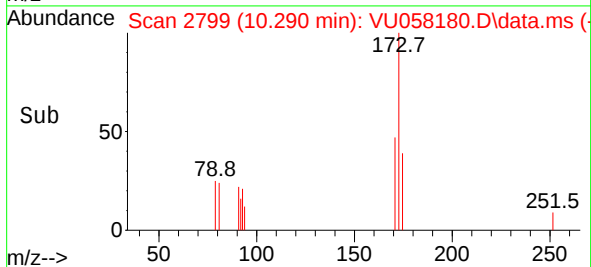
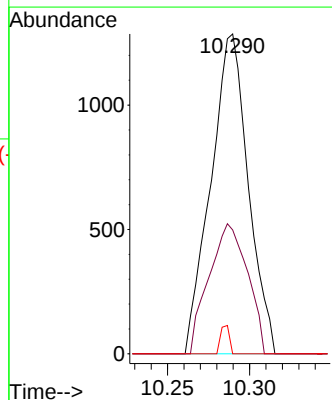
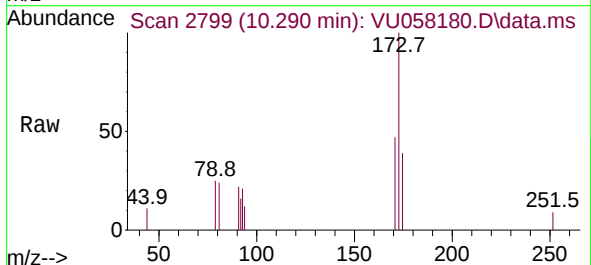
RT: 10.290 min Scan# 2799

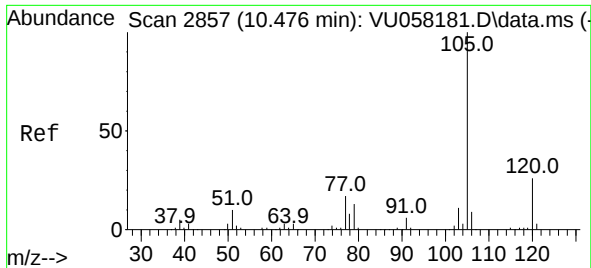
Delta R.T. 0.006 min

Lab File: VU058180.D

Acq: 21 Mar 2024 12:36

Tgt Ion:	173	Resp:	2036
Ion	Ratio	Lower	Upper
173	100		
175	41.9	40.9	61.3
254	2.1	5.8	8.8#





#60

Isopropylbenzene

Concen: 0.938 ug/L

RT: 10.479 min Scan# 2857

Delta R.T. 0.003 min

Lab File: VU058180.D

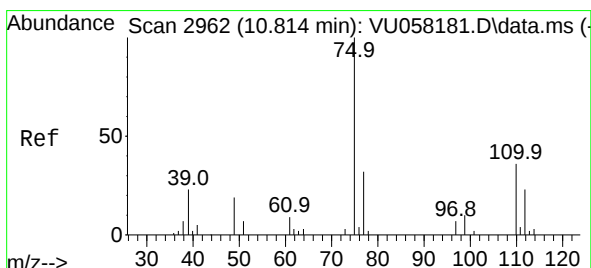
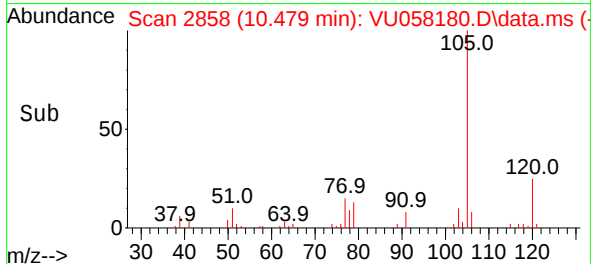
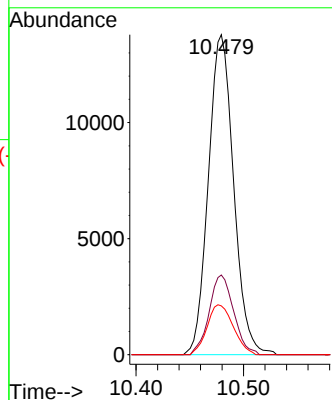
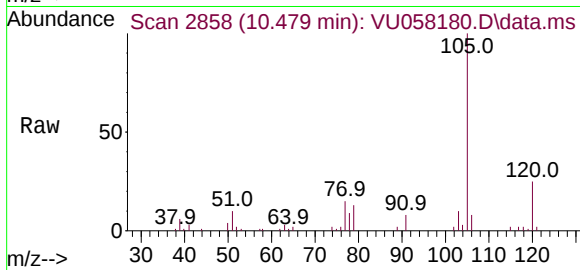
Acq: 21 Mar 2024 12:36

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:105	Resp:	22493
Ion Ratio	Lower	Upper
105	100	
120	24.1	20.5 30.7
77	16.2	13.2 19.8



#61

1,2,3-Trichloropropane

Concen: 1.068 ug/L

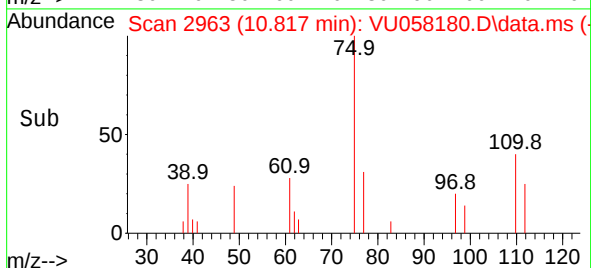
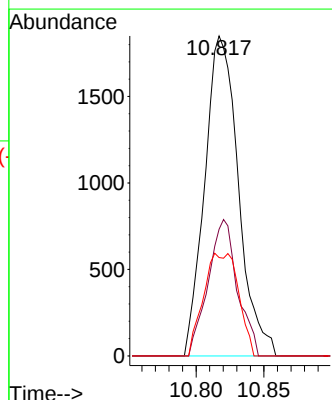
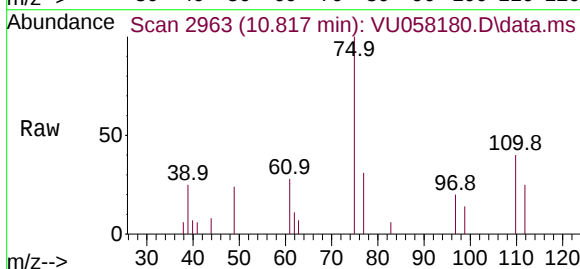
RT: 10.817 min Scan# 2963

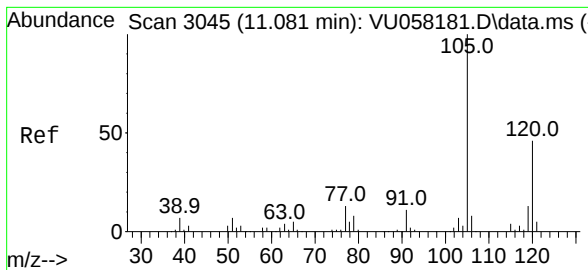
Delta R.T. 0.003 min

Lab File: VU058180.D

Acq: 21 Mar 2024 12:36

Tgt Ion: 75	Resp:	3194
Ion Ratio	Lower	Upper
75	100	
110	37.1	28.1 42.1
77	33.2	25.1 37.7

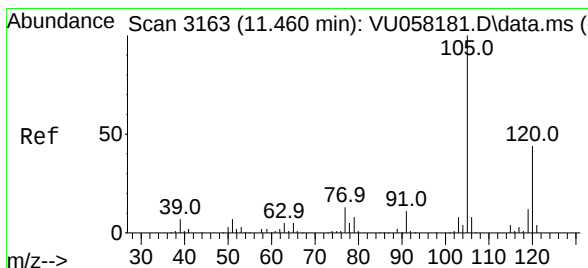
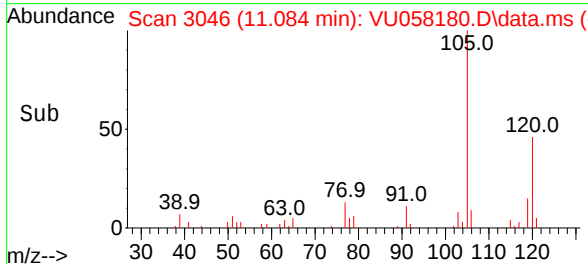
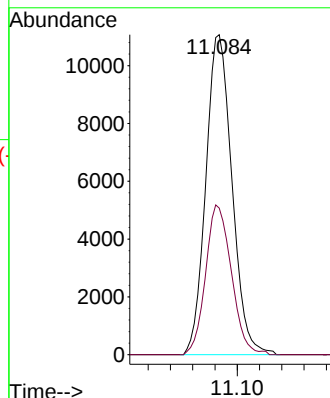
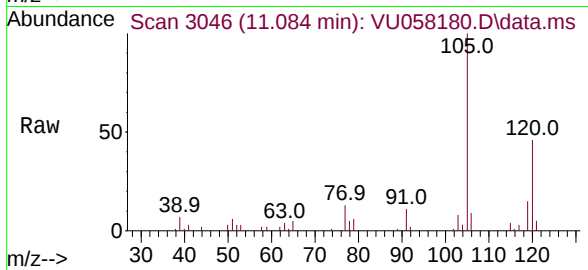




#62
1,3,5-Trimethylbenzene
Concen: 0.894 ug/L
RT: 11.084 min Scan# 3045
Delta R.T. 0.003 min
Lab File: VU058180.D
Acq: 21 Mar 2024 12:36

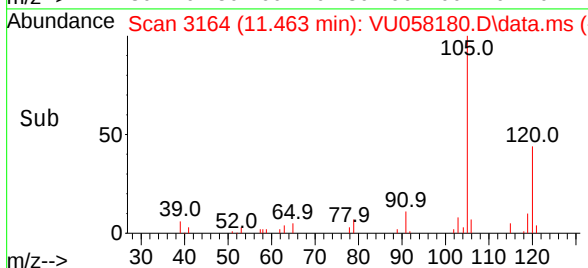
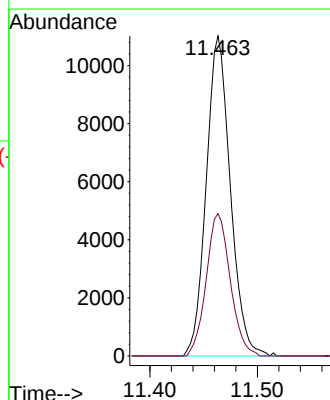
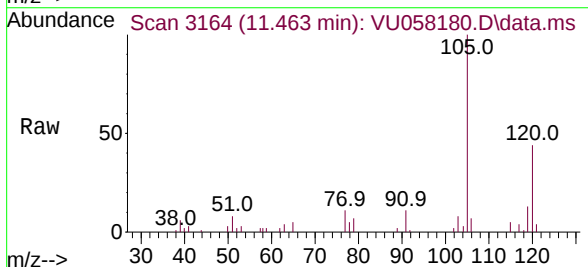
Instrument :
MSVOA_U
ClientSampleId :

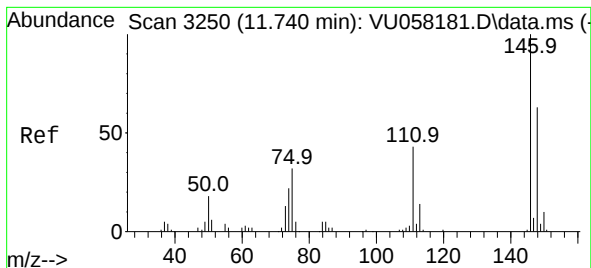
Tgt Ion:105 Resp: 18070
Ion Ratio Lower Upper
105 100
120 46.1 36.7 55.1



#63
1,2,4-Trimethylbenzene
Concen: 0.863 ug/L
RT: 11.463 min Scan# 3164
Delta R.T. 0.003 min
Lab File: VU058180.D
Acq: 21 Mar 2024 12:36

Tgt Ion:105 Resp: 17157
Ion Ratio Lower Upper
105 100
120 44.3 35.9 53.9





#64

1,3-Dichlorobenzene

Concen: 0.986 ug/L

RT: 11.743 min Scan# 3250

Delta R.T. 0.003 min

Lab File: VU058180.D

Acq: 21 Mar 2024 12:36

Instrument :

MSVOA_U

ClientSampleId :

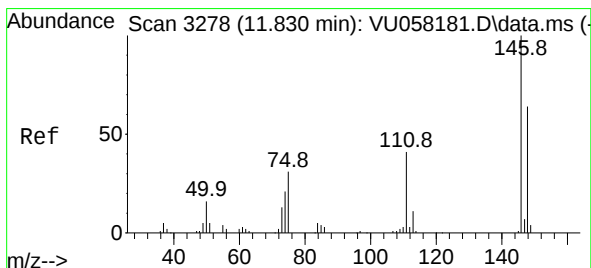
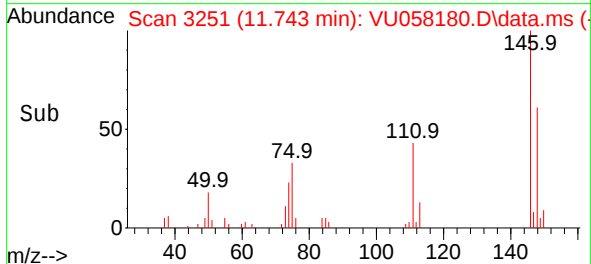
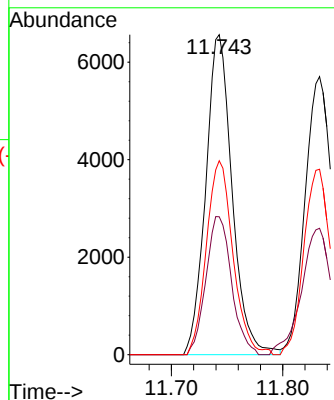
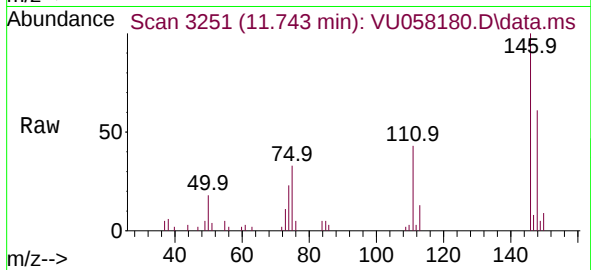
Tgt Ion:146 Resp: 10818

Ion Ratio Lower Upper

146 100

111 43.1 29.9 55.5

148 60.6 44.4 82.4



#65

1,4-Dichlorobenzene

Concen: 0.932 ug/L

RT: 11.833 min Scan# 3279

Delta R.T. 0.003 min

Lab File: VU058180.D

Acq: 21 Mar 2024 12:36

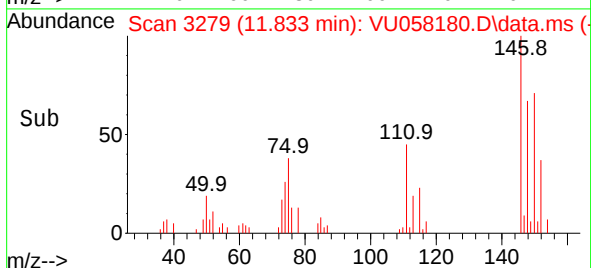
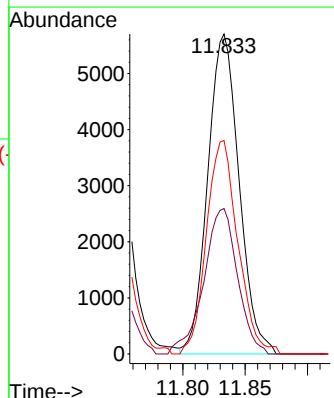
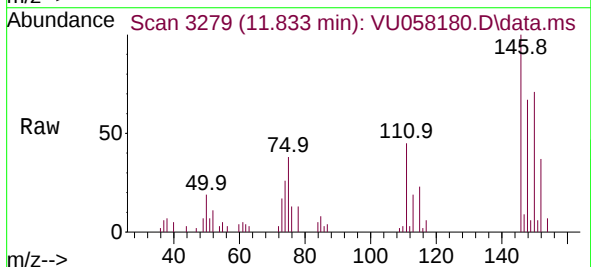
Tgt Ion:146 Resp: 9979

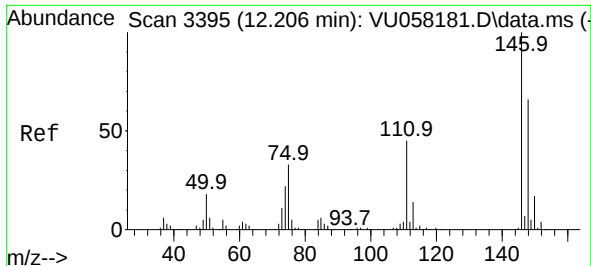
Ion Ratio Lower Upper

146 100

111 45.5 29.0 53.8

148 66.7 44.5 82.7





#67

1,2-Dichlorobenzene

Concen: 1.032 ug/L

RT: 12.209 min Scan# 3395

Delta R.T. 0.003 min

Lab File: VU058180.D

Acq: 21 Mar 2024 12:36

Instrument :

MSVOA_U

ClientSampleId :

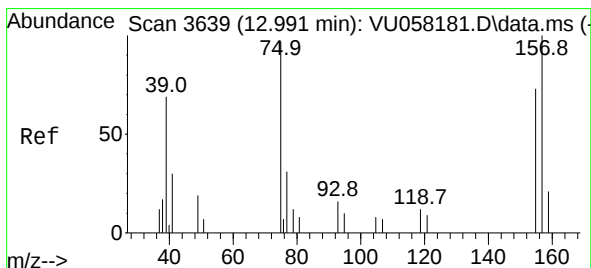
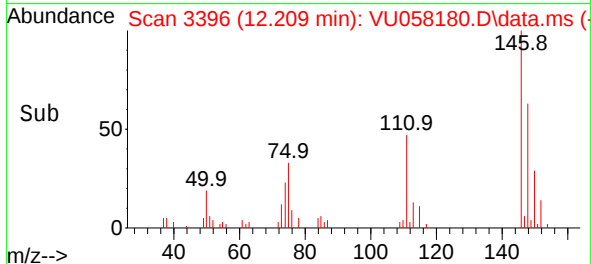
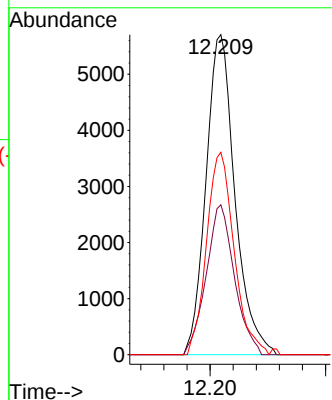
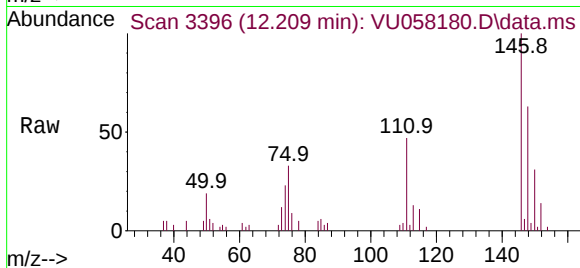
Tgt Ion:146 Resp: 9935

Ion Ratio Lower Upper

146 100

111 46.8 35.9 53.9

148 63.2 52.4 78.6



#68

1,2-Dibromo-3-chloropropane

Concen: 0.610 ug/L

RT: 13.003 min Scan# 3643

Delta R.T. 0.013 min

Lab File: VU058180.D

Acq: 21 Mar 2024 12:36

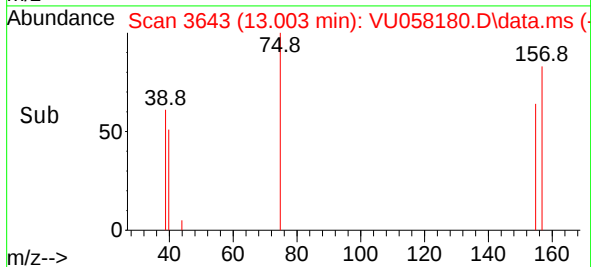
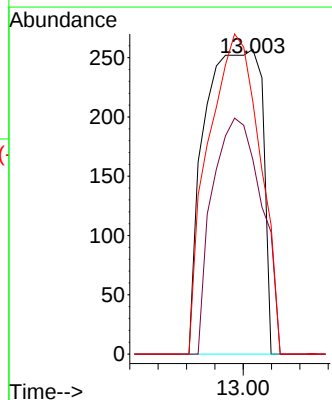
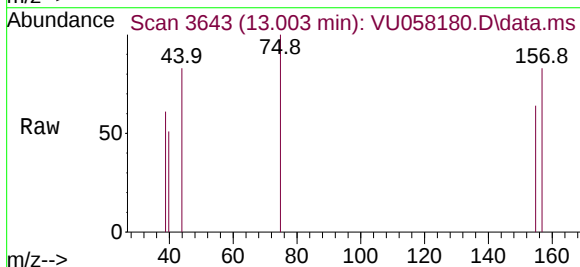
Tgt Ion: 75 Resp: 359

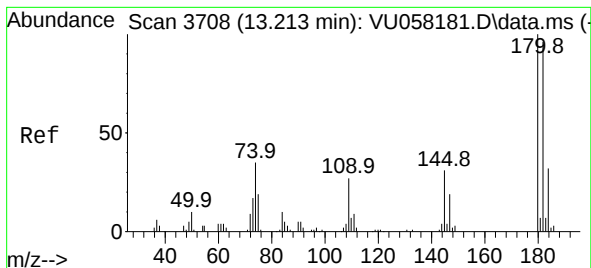
Ion Ratio Lower Upper

75 100

155 63.8 60.2 90.2

157 82.9 82.6 123.8





#69

1,3,5-Trichlorobenzene

Concen: 0.880 ug/L

RT: 13.216 min Scan# 31

Delta R.T. 0.003 min

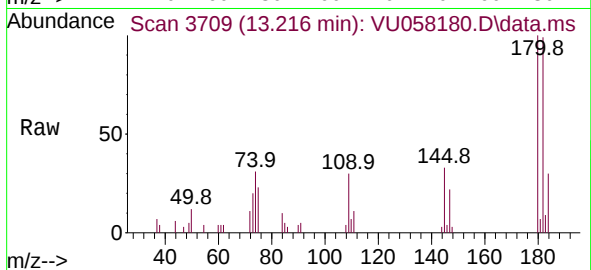
Lab File: VU058180.D

Acq: 21 Mar 2024 12:36

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 6920

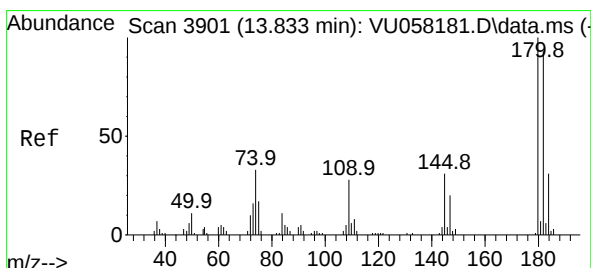
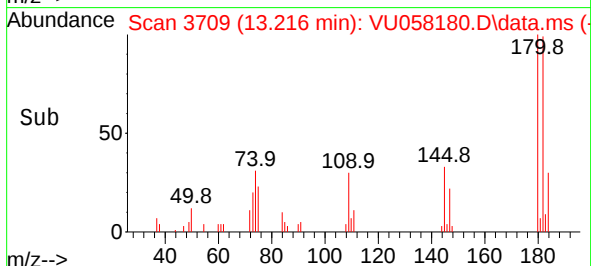
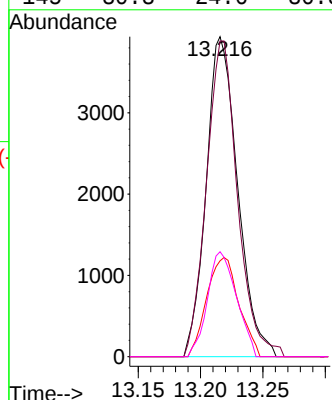
Ion Ratio Lower Upper

180 100

182 97.4 75.4 113.0

184 31.6 24.8 37.2

145 30.3 24.6 36.8



#70

1,2,4-trichlorobenzene

Concen: 0.781 ug/L

RT: 13.839 min Scan# 3903

Delta R.T. 0.006 min

Lab File: VU058180.D

Acq: 21 Mar 2024 12:36

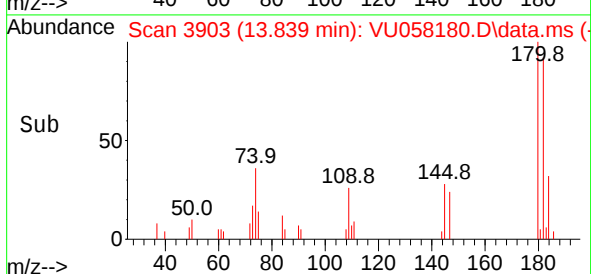
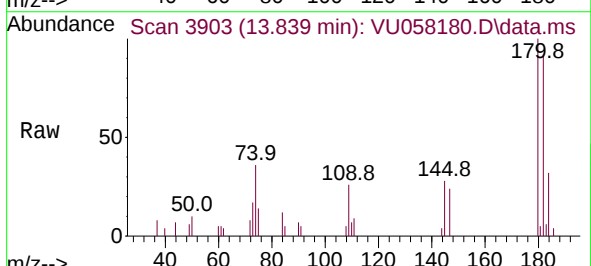
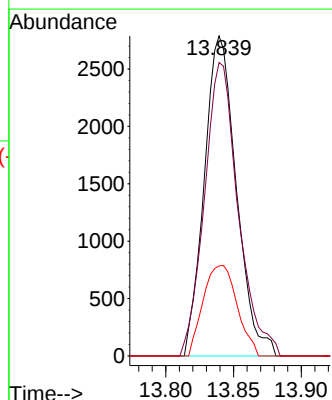
Tgt Ion:180 Resp: 4593

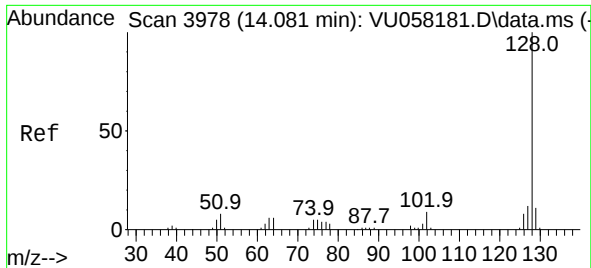
Ion Ratio Lower Upper

180 100

182 96.2 74.5 111.7

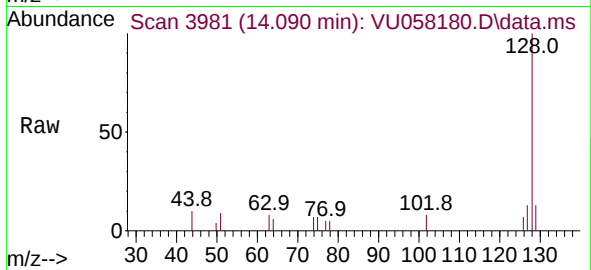
145 29.8 24.5 36.7



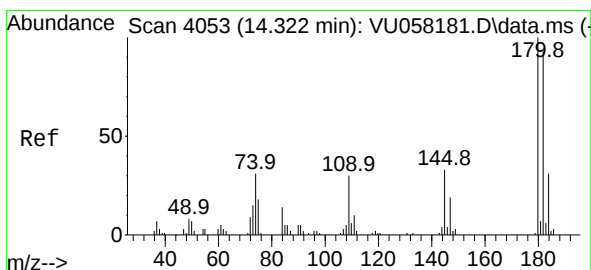
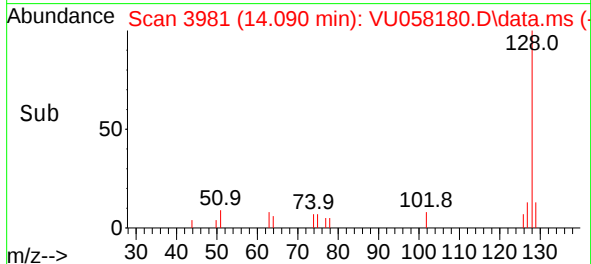
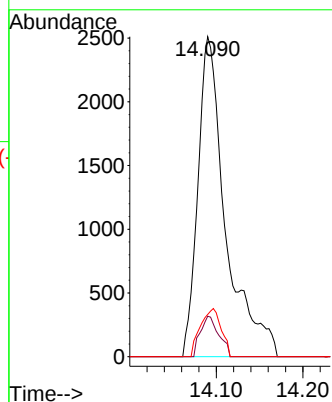


#71
Naphthalene
Concen: 0.695 ug/L
RT: 14.090 min Scan# 3981
Delta R.T. 0.009 min
Lab File: VU058180.D
Acq: 21 Mar 2024 12:36

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 5586
Ion Ratio Lower Upper
128 100
129 8.4 8.1 12.1
127 11.3 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 0.794 ug/L
RT: 14.328 min Scan# 4055
Delta R.T. 0.006 min
Lab File: VU058180.D
Acq: 21 Mar 2024 12:36

Tgt Ion:180 Resp: 3728
Ion Ratio Lower Upper
180 100
182 99.8 74.4 111.6
145 36.0 26.3 39.5

