

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072623\
 Data File : VU054879.D
 Acq On : 26 Jul 2023 16:30
 Operator : MD/SY
 Sample : VU0726WBSD01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0726WBSD01

Quant Time: Jul 28 03:21:56 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U072523DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Wed Jul 26 09:45:35 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.113	96	28380	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.634	95	8266	0.961	ug/l	0.00
Spiked Amount 1.000			Recovery	=	96.000%	
68) 1,2-Dichlorobenzene-d4	12.193	152	9786	1.006	ug/l	0.00
Spiked Amount 1.000			Recovery	=	101.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.384	85	9807	1.815	ug/l	96
3) Chloromethane	1.519	50	10722	1.766	ug/l	95
4) Vinyl Chloride	1.599	62	14745	1.819	ug/l	100
5) Bromomethane	1.853	94	11640	1.810	ug/l	99
6) Chloroethane	1.930	64	12855	1.534	ug/l	98
7) Trichlorofluoromethane	2.133	101	29997	1.575	ug/l	99
8) 1,1,2-Trichloro-1,2,2-...	2.576	101	9832	1.593	ug/l	98
9) 1,1-Dichloroethene	2.576	96	7919	1.616	ug/l	99
10) Iodomethane	2.718	142	11981	1.566	ug/l	98
11) Allyl Chloride	2.920	41	10149	1.733	ug/l	95
12) Acrylonitrile	3.335	53	2958	2.406	ug/l	# 76
13) Acetone	2.654	43	11476	8.929	ug/l	90
14) Carbon Disulfide	2.789	76	14103	1.661	ug/l	96
15) Methylene Chloride	3.039	84	12886	2.020	ug/l	95
16) trans-1,2-Dichloroethene	3.351	96	9343	1.752	ug/l	83
17) 1,1-Dichloroethane	3.866	63	20138	1.688	ug/l	95
18) 2-Butanone	4.724	43	11561	7.131	ug/l	99
19) Cyclohexane	5.380	56	11694	1.742	ug/l	87
20) Methylcyclohexane	6.756	83	14999	1.671	ug/l	97
21) 2,2-Dichloropropane	4.660	77	18825	1.702	ug/l	99
22) cis-1,2-Dichloroethene	4.663	96	12330	1.739	ug/l	95
23) Diethyl Ether	2.374	59	12831	1.775	ug/l	94
24) tert-Butyl Alcohol	3.220	59	4086	6.076	ug/l	# 85
25) Methyl tert-Butyl Ether	3.361	73	28583	1.885	ug/l	99
26) Bromochloromethane	4.969	128	5378	1.850	ug/l	90
27) Chloroform	5.084	83	22963	1.792	ug/l	90
28) 1,1,1-Trichloroethane	5.313	97	19439	1.757	ug/l	95
29) 1,1-Dichloropropene	5.518	75	14093	1.726	ug/l	96
30) Carbon Tetrachloride	5.522	117	14957	1.619	ug/l	92
31) Isopropyl Ether	3.988	45	30452	1.729	ug/l	94
32) Ethyl-t-butyl ether	4.496	59	32817	1.810	ug/l	98
33) Tert-Amyl methyl ether	5.933	73	29622	1.728	ug/l	98
34) Propionitrile	4.801	54	3507	7.846	ug/l	# 94
35) Benzene	5.772	78	44204	1.729	ug/l	98
36) 1,2-Dichloroethane	5.792	62	13189	1.814	ug/l	96
37) Trichloroethene	6.541	130	12033	1.750	ug/l	99
38) 1,2-Dichloropropane	6.785	63	12922	1.788	ug/l	92
39) Methacrylonitrile	4.978	41	3962	2.211	ug/l	# 68
40) Methyl acrylate	4.859	55	3471	1.218	ug/l	# 93
41) Tetrahydrofuran	5.068	42	3709	3.620	ug/l	# 78
42) 1-Chlorobutane	5.454	56	18479	1.729	ug/l	98
43) Dibromomethane	6.920	93	6263	1.845	ug/l	96
44) Bromodichloromethane	7.104	83	16731	1.769	ug/l	# 93

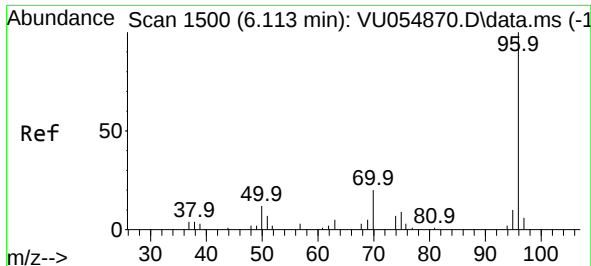
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072623\
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 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.788	43	37952	9.583	ug/l	97
46) t-1,4-Dichloro-2-butene	10.820	75	13415	8.419	ug/l #	50
47) Methyl methacrylate	6.965	69	12351	3.980	ug/l	97
48) Ethyl methacrylate	8.332	69	12480	1.989	ug/l	99
49) Toluene	7.968	92	27896	1.713	ug/l	97
50) t-1,3-Dichloropropene	8.210	75	14586	1.737	ug/l	97
51) cis-1,3-Dichloropropene	7.605	75	17475	1.693	ug/l	95
52) 1,1,2-Trichloroethane	8.399	97	10332	1.920	ug/l #	75
53) 1,3-Dichloropropane	8.573	76	16597	1.907	ug/l	98
54) 2-Hexanone	8.682	43	26592	9.450	ug/l	96
55) Dibromochloromethane	8.808	129	10914	1.770	ug/l	100
56) 1,2-Dibromoethane	8.920	107	8754	1.920	ug/l	95
58) Tetrachloroethene	8.550	164	11091	1.848	ug/l	93
59) Chlorobenzene	9.444	112	33791	1.710	ug/l	100
60) 1,1,1,2-Tetrachloroethane	9.528	131	11480	1.646	ug/l	91
61) Pentachloroethane	11.425	117	8584	1.575	ug/l	97
62) Hexachloroethane	12.473	117	8891	1.586	ug/l	96
63) Ethyl Benzene	9.567	91	56676	1.709	ug/l	97
64) m/p-Xylenes	9.692	106	43976	3.545	ug/l	98
65) o-Xylene	10.097	106	21489	1.686	ug/l	98
66) Styrene	10.113	104	36370	1.785	ug/l	97
67) Bromoform	10.287	173	5945	1.860	ug/l #	94
69) Isopropylbenzene	10.483	105	59221	1.731	ug/l	97
70) 1,1,2,2-Tetrachloroethane	10.779	83	12405	1.863	ug/l #	95
71) 1,2,3-Trichloropropane	10.820	75	13415	2.828	ug/l #	76
72) Bromobenzene	10.782	156	14409	1.892	ug/l	99
73) n-propylbenzene	10.904	120	15579	1.702	ug/l	98
74) 2-Chlorotoluene	10.984	126	14489	1.828	ug/l	97
75) 1,3,5-Trimethylbenzene	11.084	105	47009	1.697	ug/l	98
76) 4-Chlorotoluene	11.097	126	14695	1.785	ug/l	98
77) tert-Butylbenzene	11.415	119	49741	1.727	ug/l	99
78) 1,2,4-Trimethylbenzene	11.467	105	49292	1.738	ug/l	98
79) sec-Butylbenzene	11.640	105	63562	1.697	ug/l	99
80) Nitrobenzene	13.213	77	1559	8.910	ug/l #	59
81) p-Isopropyltoluene	11.791	119	50537	1.710	ug/l	98
82) 1,3-Dichlorobenzene	11.743	146	29823	1.839	ug/l	100
83) 1,4-Dichlorobenzene	11.837	146	28979	1.793	ug/l	100
84) n-Butylbenzene	12.206	91	45510	1.714	ug/l	98
85) 1,2-Dichlorobenzene	12.209	146	26655	1.715	ug/l	98
86) 1,2-Dibromo-3-Chloropr...	12.997	75	1598	1.805	ug/l	96
87) 1,2,4-Trichlorobenzene	13.836	180	17099	1.725	ug/l	98
88) Hexachlorobutadiene	14.017	225	9093	1.720	ug/l	95
89) Naphthalene	14.084	128	31092	2.025	ug/l	99
90) 1,2,3-Trichlorobenzene	14.328	180	15797	1.796	ug/l	97

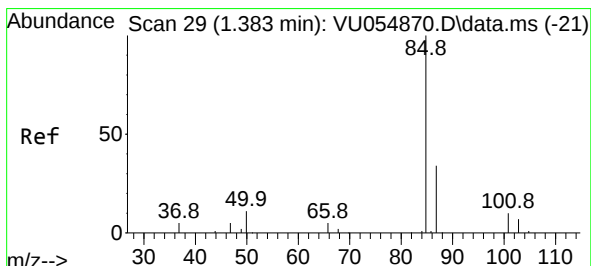
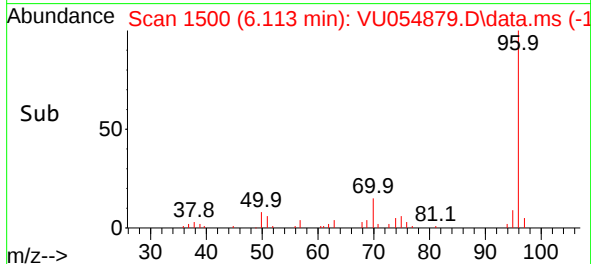
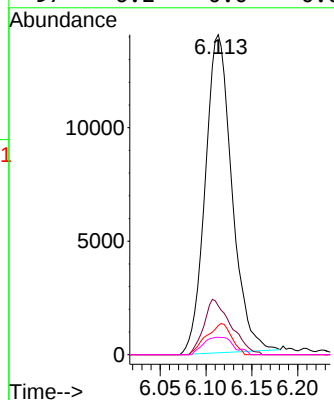
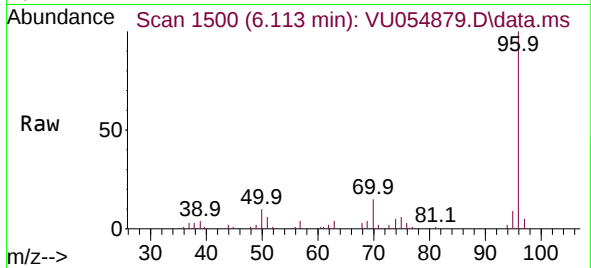
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.113 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU054879.D
Acq: 26 Jul 2023 16:30

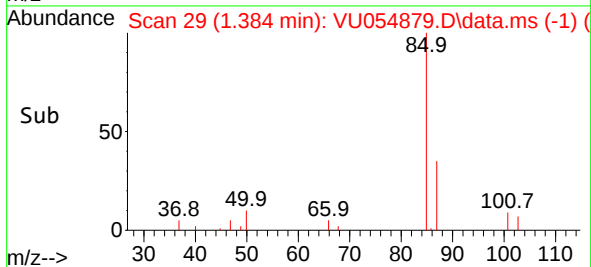
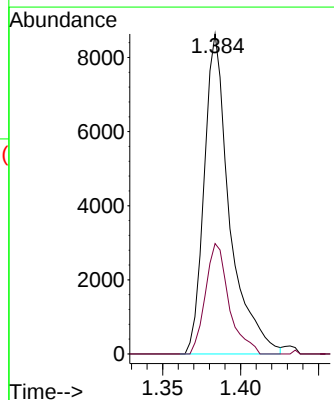
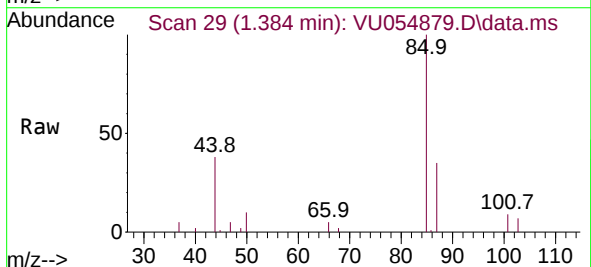
Instrument :
MSVOA_U
ClientSampleId :
VU0726WBSD01

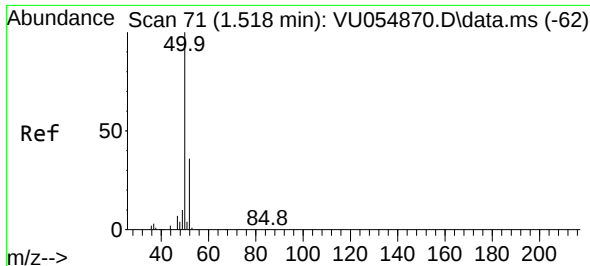
Tgt Ion:	96	Resp:	28380
Ion	Ratio	Lower	Upper
96	100		
70	17.6	14.0	21.0
95	9.2	8.7	13.1
97	6.2	0.0	0.0



#2
Dichlorodifluoromethane
Concen: 1.815 ug/l
RT: 1.384 min Scan# 29
Delta R.T. 0.000 min
Lab File: VU054879.D
Acq: 26 Jul 2023 16:30

Tgt Ion:	85	Resp:	9807
Ion	Ratio	Lower	Upper
85	100		
87	34.5	16.2	48.6

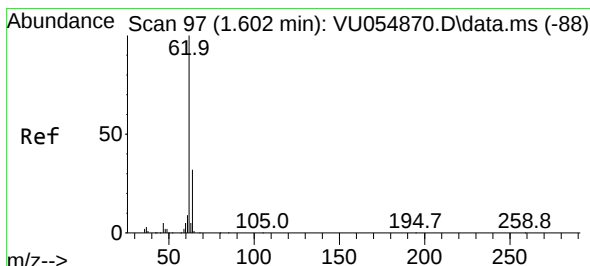
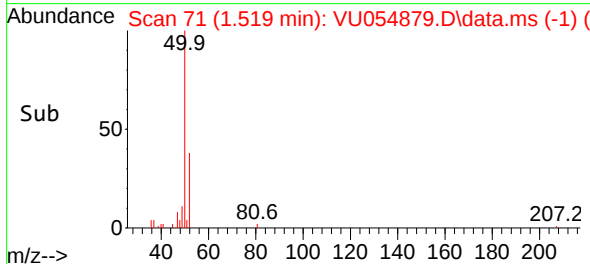
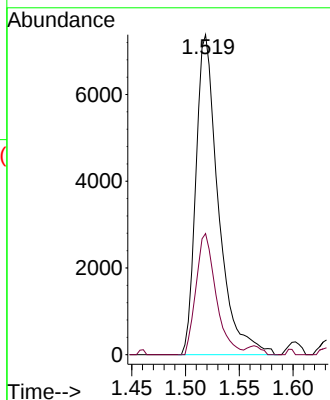
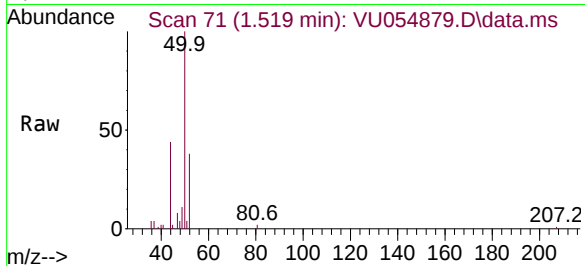




#3
Chloromethane
Concen: 1.766 ug/l
RT: 1.519 min Scan# 71
Delta R.T. 0.000 min
Lab File: VU054879.D
Acq: 26 Jul 2023 16:30

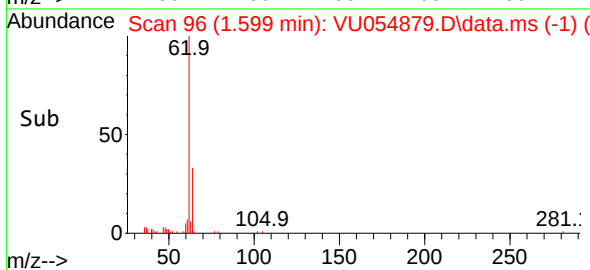
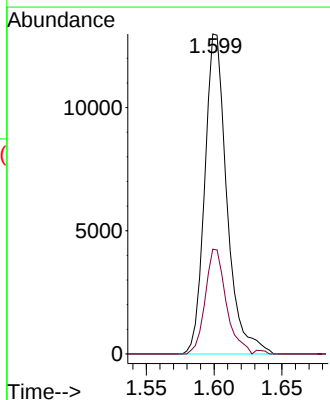
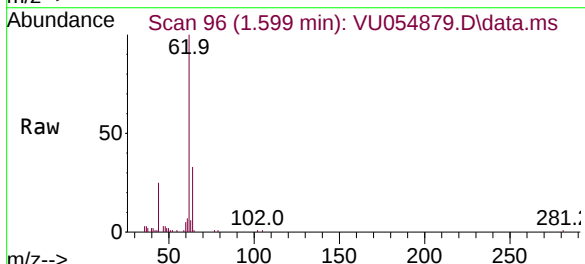
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MSVOA_U
ClientSampleId :
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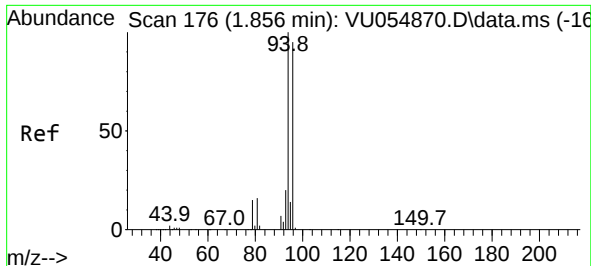
Tgt Ion: 50 Resp: 10722
Ion Ratio Lower Upper
50 100
52 37.8 28.2 42.2



#4
Vinyl Chloride
Concen: 1.819 ug/l
RT: 1.599 min Scan# 96
Delta R.T. -0.003 min
Lab File: VU054879.D
Acq: 26 Jul 2023 16:30

Tgt Ion: 62 Resp: 14745
Ion Ratio Lower Upper
62 100
64 32.7 26.4 39.6

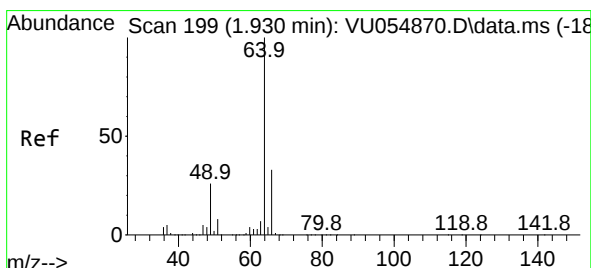
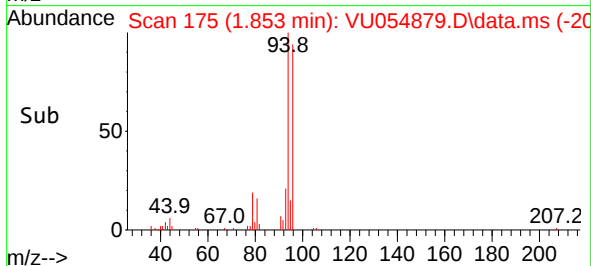
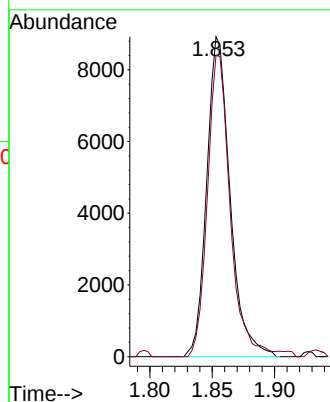
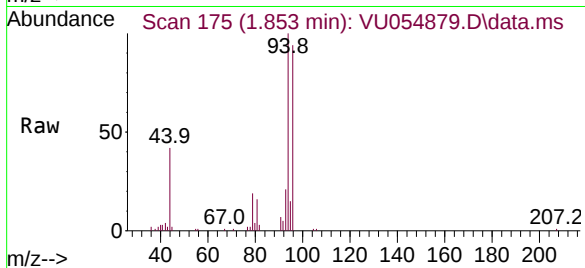




#5
Bromomethane
Concen: 1.810 ug/l
RT: 1.853 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU054879.D
Acq: 26 Jul 2023 16:30

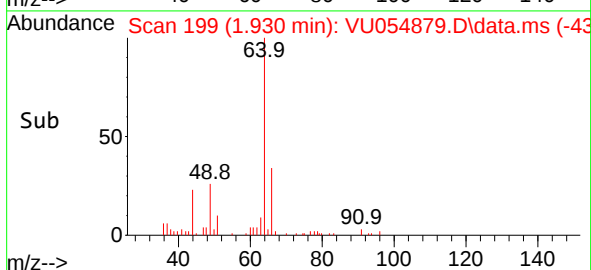
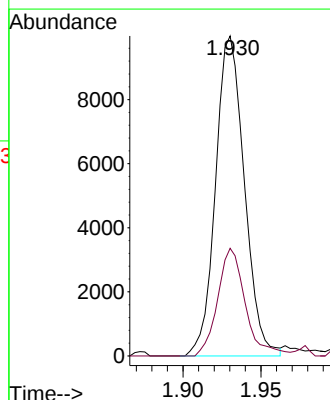
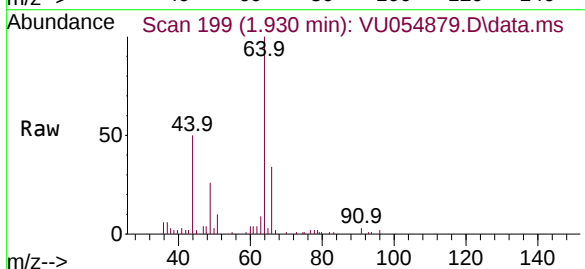
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ClientSampleId :
VU0726WBSD01

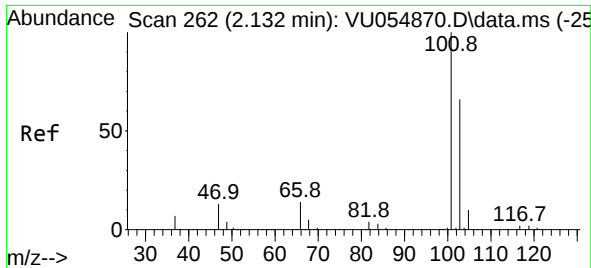
Tgt Ion: 94 Resp: 11640
Ion Ratio Lower Upper
94 100
96 94.3 74.6 111.8



#6
Chloroethane
Concen: 1.534 ug/l
RT: 1.930 min Scan# 199
Delta R.T. 0.000 min
Lab File: VU054879.D
Acq: 26 Jul 2023 16:30

Tgt Ion: 64 Resp: 12855
Ion Ratio Lower Upper
64 100
66 33.6 26.2 39.4

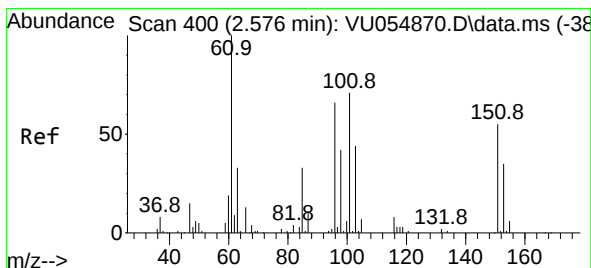
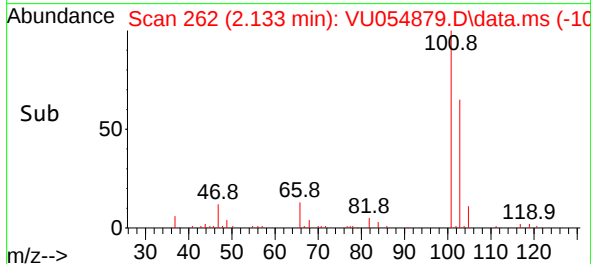
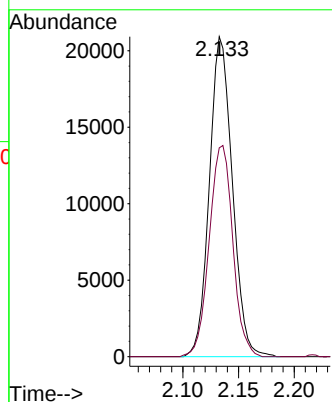
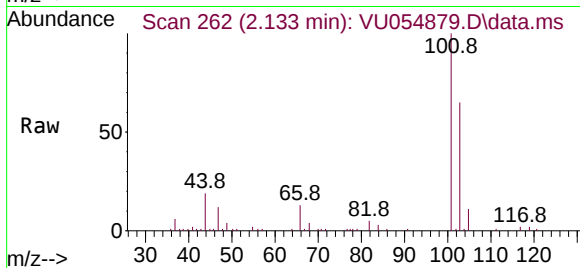




#7
 Trichlorofluoromethane
 Concen: 1.575 ug/l
 RT: 2.133 min Scan# 2
 Delta R.T. 0.000 min
 Lab File: VU054879.D
 Acq: 26 Jul 2023 16:30

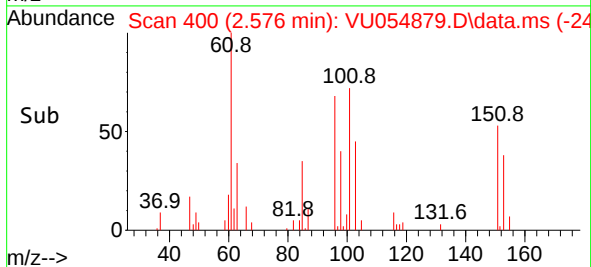
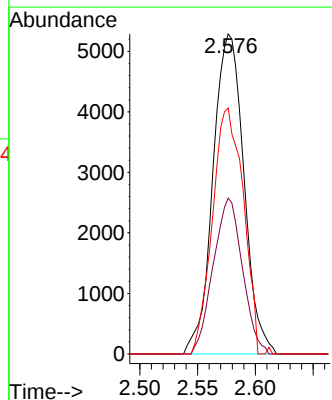
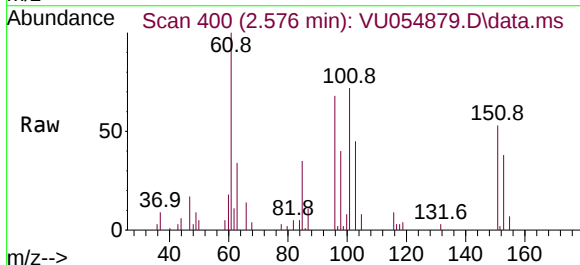
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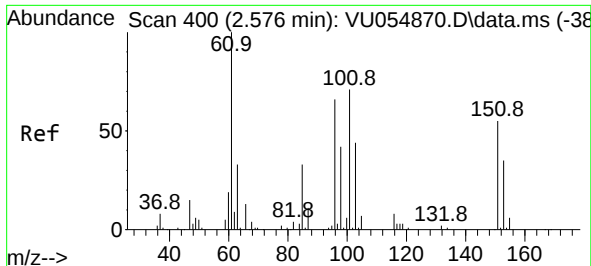
Tgt Ion:101 Resp: 29997
 Ion Ratio Lower Upper
 101 100
 103 65.3 52.9 79.3



#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 1.593 ug/l
 RT: 2.576 min Scan# 400
 Delta R.T. 0.000 min
 Lab File: VU054879.D
 Acq: 26 Jul 2023 16:30

Tgt Ion:101 Resp: 9832
 Ion Ratio Lower Upper
 101 100
 85 46.0 34.8 52.2
 151 76.5 60.5 90.7

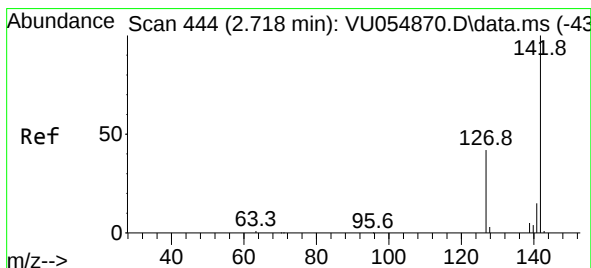
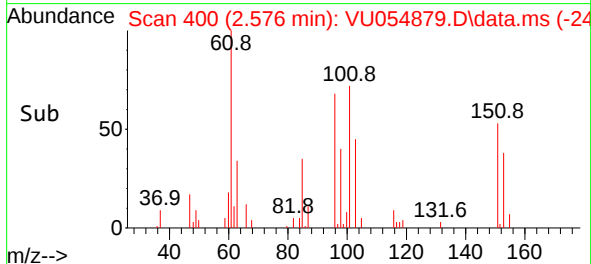
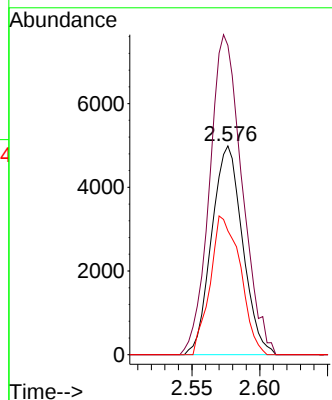
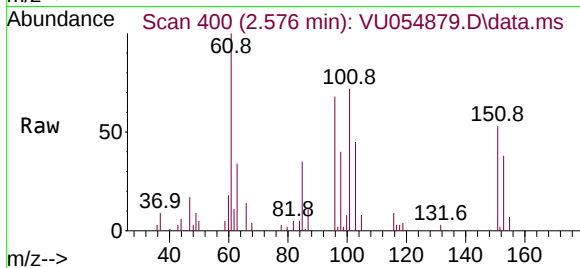




#9
1,1-Dichloroethene
Concen: 1.616 ug/l
RT: 2.576 min Scan# 400
Delta R.T. 0.000 min
Lab File: VU054879.D
Acq: 26 Jul 2023 16:30

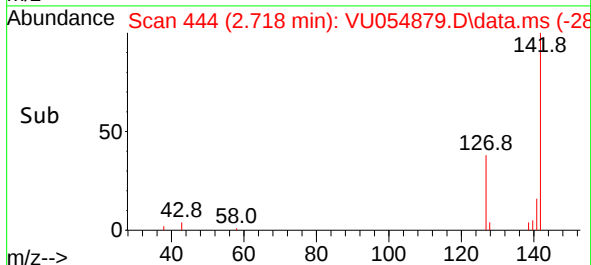
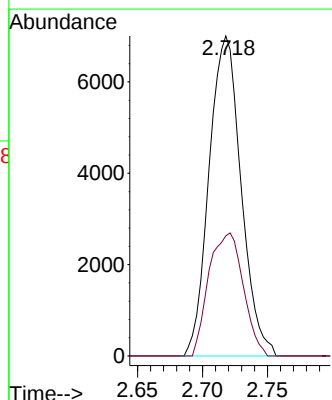
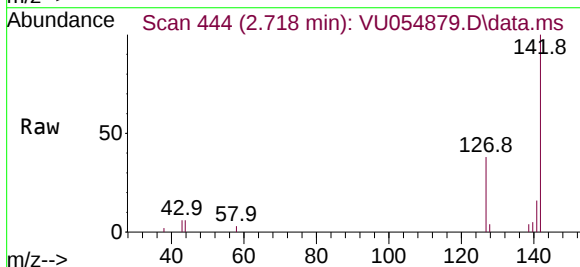
Instrument :
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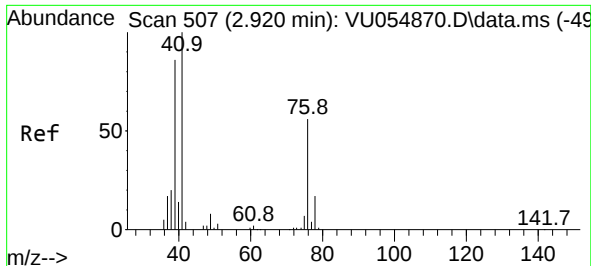
Tgt Ion: 96 Resp: 7919
Ion Ratio Lower Upper
96 100
61 148.1 0.0 440.1
98 61.7 0.0 121.8



#10
Iodomethane
Concen: 1.566 ug/l
RT: 2.718 min Scan# 444
Delta R.T. 0.000 min
Lab File: VU054879.D
Acq: 26 Jul 2023 16:30

Tgt Ion: 142 Resp: 11981
Ion Ratio Lower Upper
142 100
127 41.4 34.3 51.5





#11

Allyl Chloride

Concen: 1.733 ug/l

RT: 2.920 min Scan# 507

Delta R.T. 0.000 min

Lab File: VU054879.D

Acq: 26 Jul 2023 16:30

Instrument :

MSVOA_U

ClientSampleId :

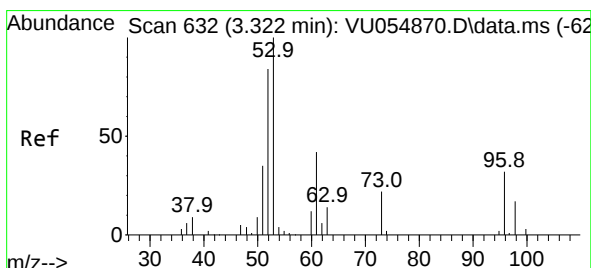
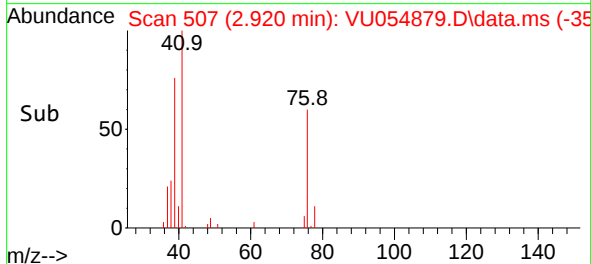
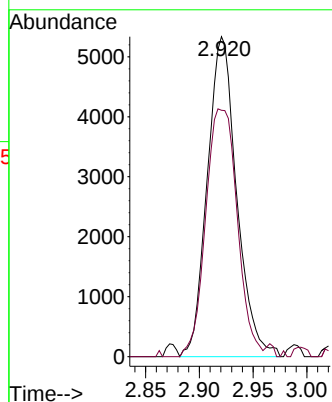
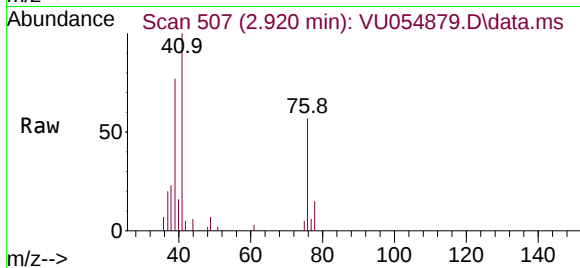
VU0726WBSD01

Tgt Ion: 41 Resp: 10149

Ion Ratio Lower Upper

41 100

39 83.1 70.2 105.2



#12

Acrylonitrile

Concen: 2.406 ug/l

RT: 3.335 min Scan# 636

Delta R.T. 0.013 min

Lab File: VU054879.D

Acq: 26 Jul 2023 16:30

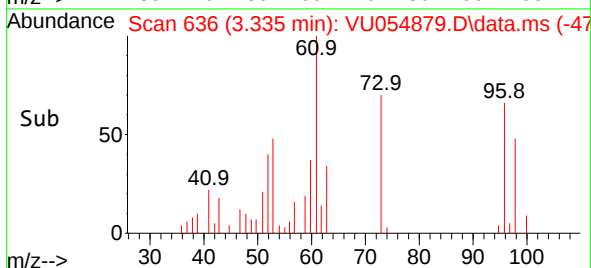
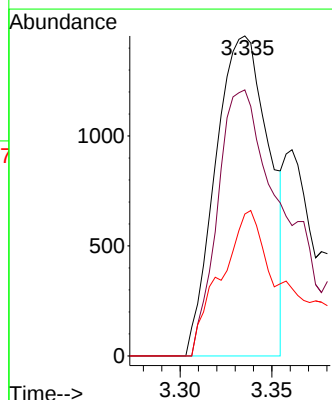
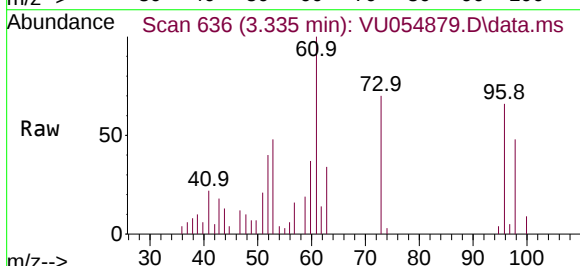
Tgt Ion: 53 Resp: 2958

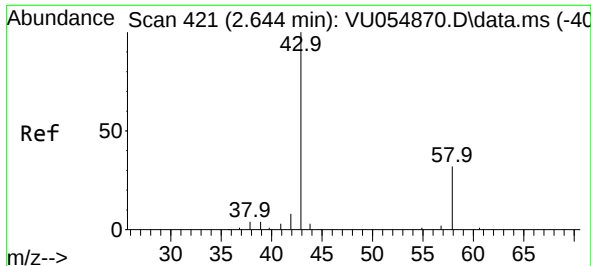
Ion Ratio Lower Upper

53 100

52 101.8 64.2 96.4#

51 56.4 33.6 50.4#





#13

Acetone

Concen: 8.929 ug/l

RT: 2.654 min Scan# 41

Delta R.T. 0.010 min

Lab File: VU054879.D

Acq: 26 Jul 2023 16:30

Instrument :

MSVOA_U

ClientSampleId :

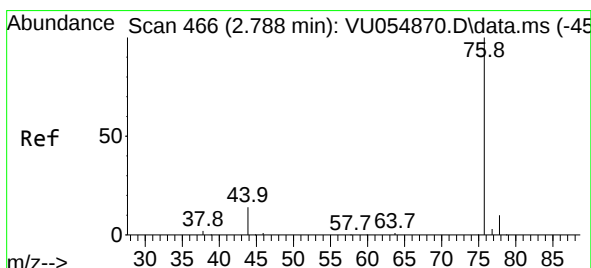
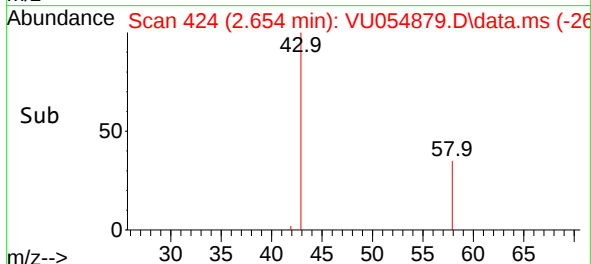
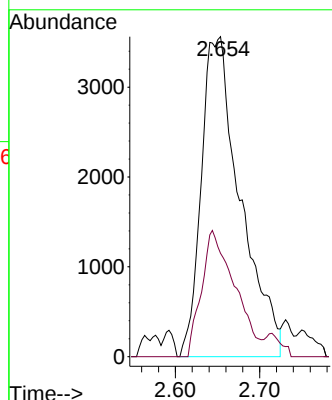
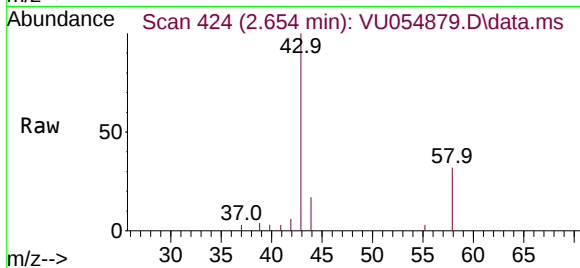
VU0726WBSD01

Tgt Ion: 43 Resp: 11476

Ion Ratio Lower Upper

43 100

58 32.3 30.7 46.1



#14

Carbon Disulfide

Concen: 1.661 ug/l

RT: 2.789 min Scan# 466

Delta R.T. 0.000 min

Lab File: VU054879.D

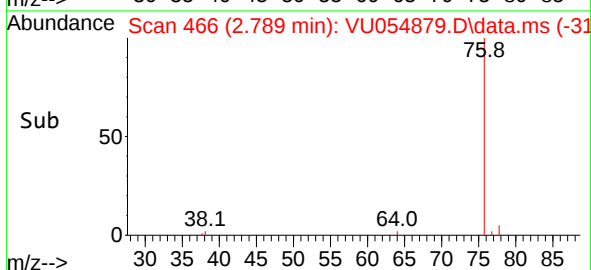
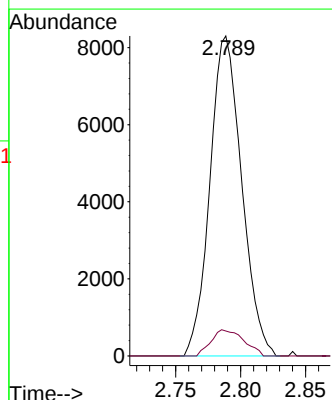
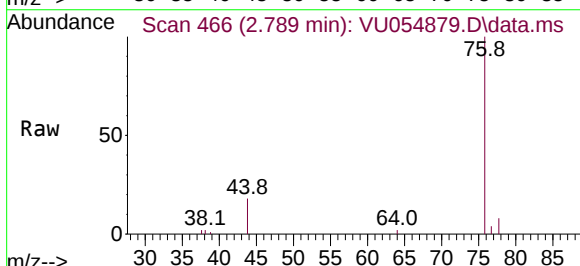
Acq: 26 Jul 2023 16:30

Tgt Ion: 76 Resp: 14103

Ion Ratio Lower Upper

76 100

78 7.6 7.1 10.7

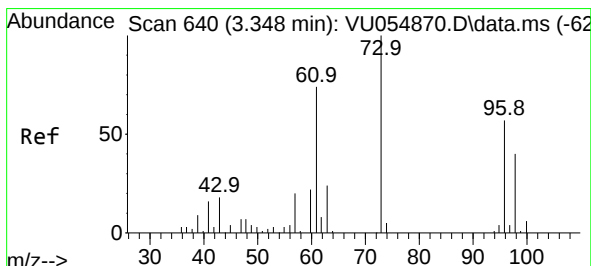
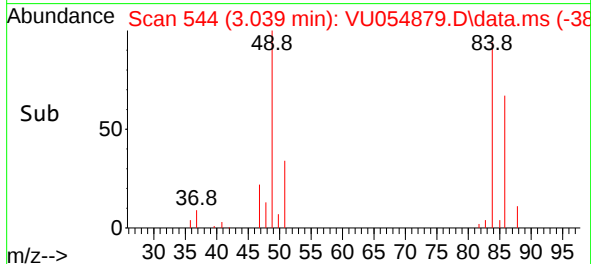
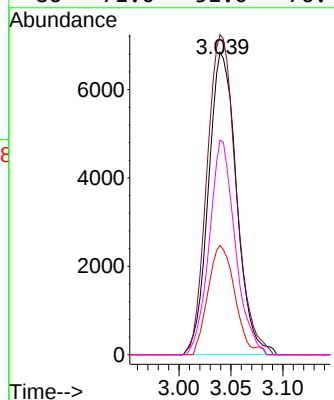
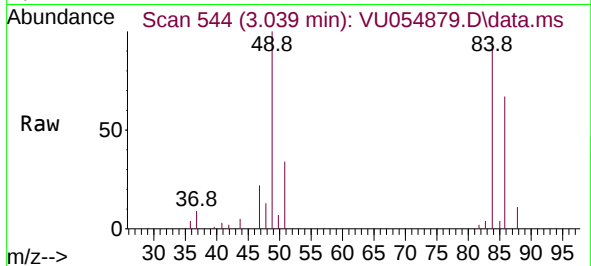




#15
Methylene Chloride
Concen: 2.020 ug/l
RT: 3.039 min Scan# 544
Delta R.T. -0.003 min
Lab File: VU054879.D
Acq: 26 Jul 2023 16:30

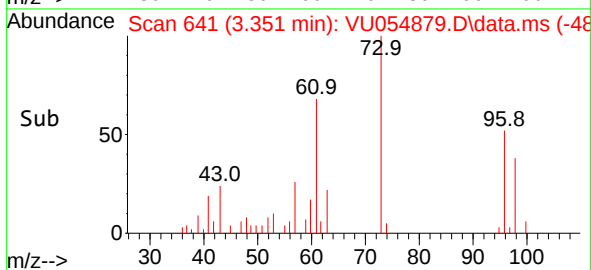
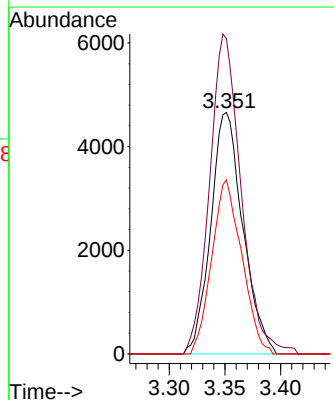
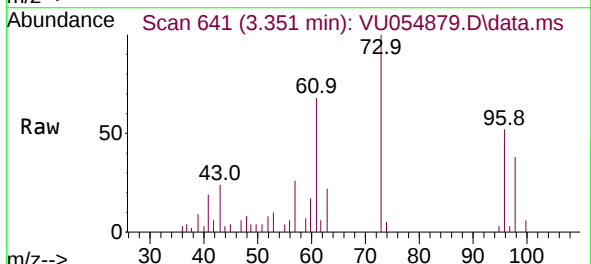
Instrument :
MSVOA_U
ClientSampleId :
VU0726WBSD01

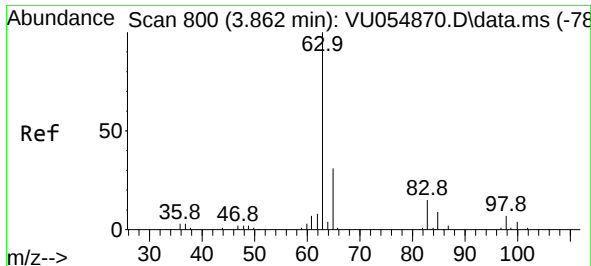
Tgt Ion:	84	Resp:	12886
Ion	Ratio	Lower	Upper
84	100		
49	105.8	87.8	131.6
51	36.2	0.0	68.2
86	71.0	51.0	76.4



#16
trans-1,2-Dichloroethene
Concen: 1.752 ug/l
RT: 3.351 min Scan# 641
Delta R.T. 0.004 min
Lab File: VU054879.D
Acq: 26 Jul 2023 16:30

Tgt Ion:	96	Resp:	9343
Ion	Ratio	Lower	Upper
96	100		
61	142.1	96.4	144.6
98	72.1	49.3	73.9

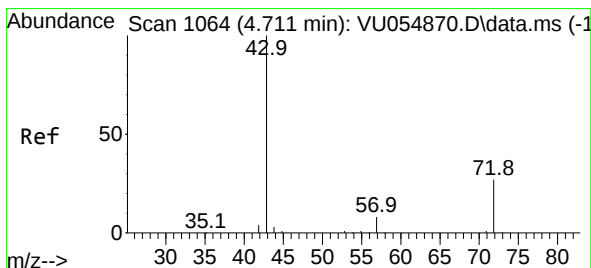
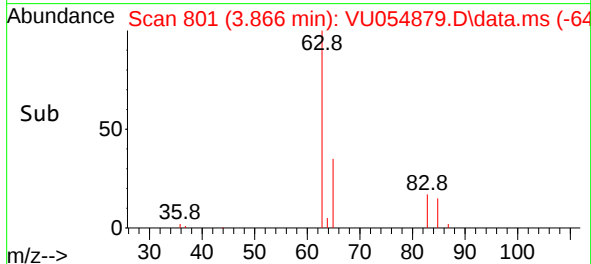
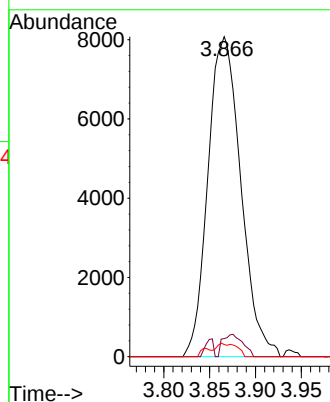
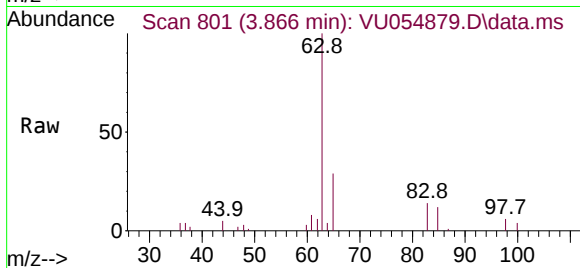




#17
 1,1-Dichloroethane
 Concen: 1.688 ug/l
 RT: 3.866 min Scan# 801
 Delta R.T. 0.004 min
 Lab File: VU054879.D
 Acq: 26 Jul 2023 16:30

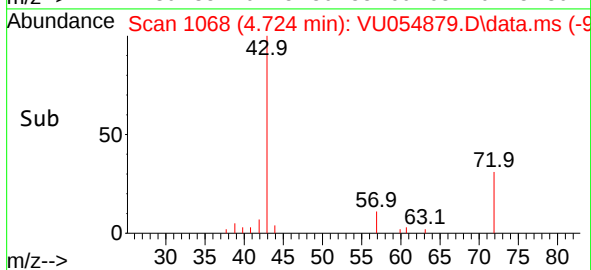
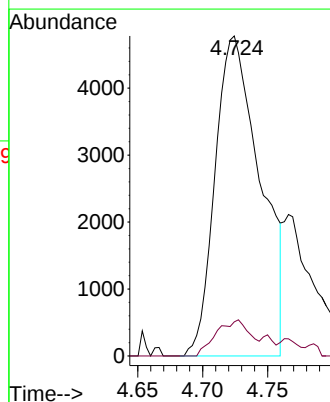
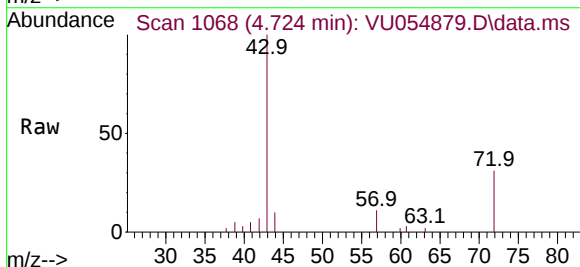
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0726WBSD01

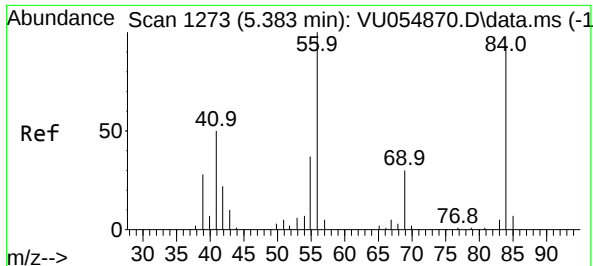
Tgt Ion:	63	Resp:	20138
Ion Ratio	Lower	Upper	
63	100		
98	5.6	3.6	10.8
100	3.8	2.8	8.4



#18
 2-Butanone
 Concen: 7.131 ug/l
 RT: 4.724 min Scan# 1068
 Delta R.T. 0.013 min
 Lab File: VU054879.D
 Acq: 26 Jul 2023 16:30

Tgt Ion:	43	Resp:	11561
Ion Ratio	Lower	Upper	
43	100		
57	10.6	0.0	20.8





#19

Cyclohexane

Concen: 1.742 ug/l

RT: 5.380 min Scan# 11

Delta R.T. -0.003 min

Lab File: VU054879.D

Acq: 26 Jul 2023 16:30

Instrument :

MSVOA_U

ClientSampleId :

VU0726WBSD01

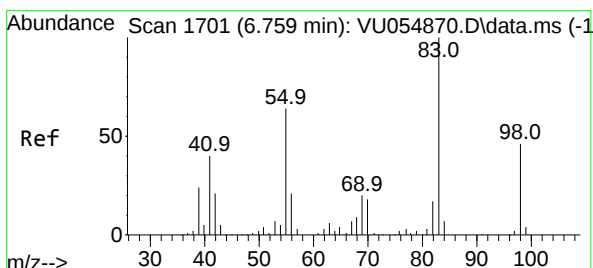
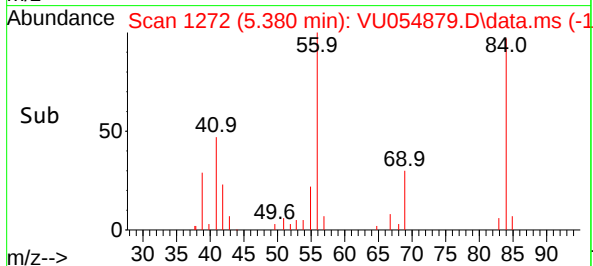
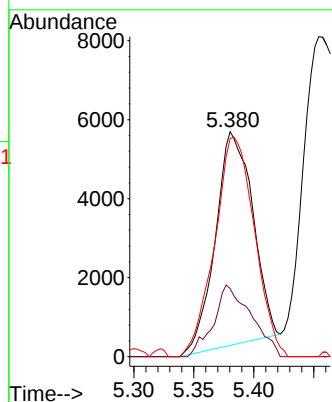
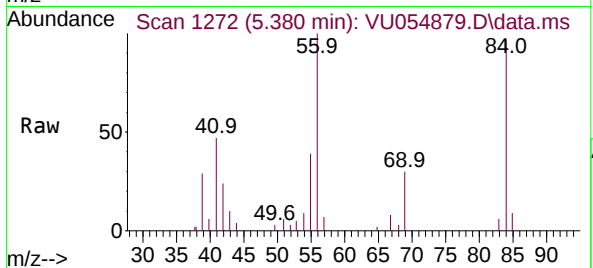
Tgt Ion: 56 Resp: 11694

Ion Ratio Lower Upper

56 100

69 33.9 24.7 37.1

84 110.0 76.5 114.7



#20

Methylcyclohexane

Concen: 1.671 ug/l

RT: 6.756 min Scan# 1700

Delta R.T. -0.003 min

Lab File: VU054879.D

Acq: 26 Jul 2023 16:30

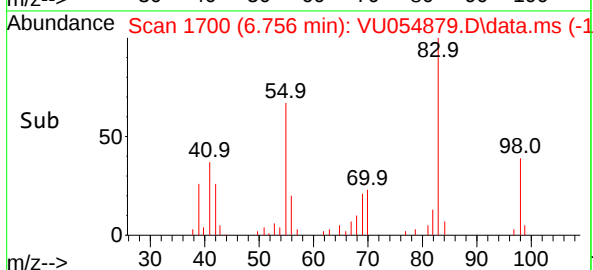
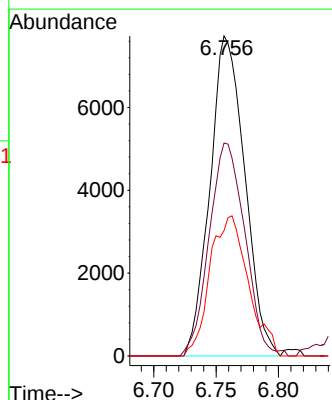
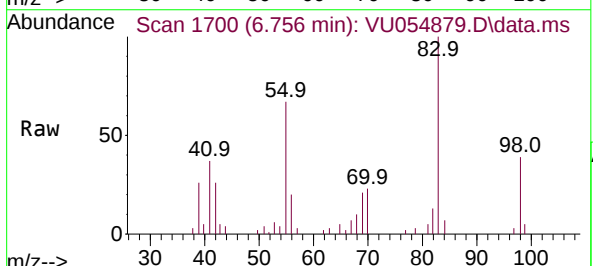
Tgt Ion: 83 Resp: 14999

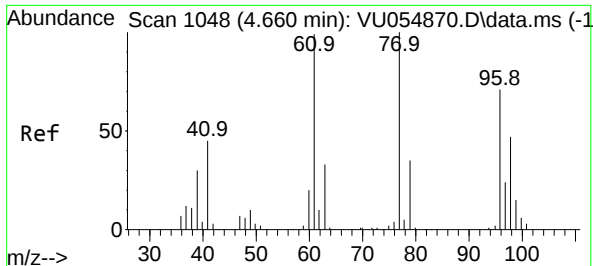
Ion Ratio Lower Upper

83 100

55 68.4 51.6 77.4

98 48.2 38.2 57.2





#21

2,2-Dichloropropane

Concen: 1.702 ug/l

RT: 4.660 min Scan# 1048

Delta R.T. 0.000 min

Lab File: VU054879.D

Acq: 26 Jul 2023 16:30

Instrument :

MSVOA_U

ClientSampleId :

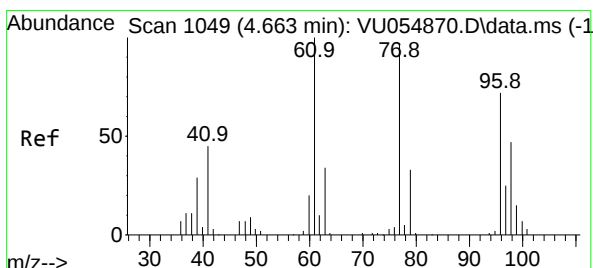
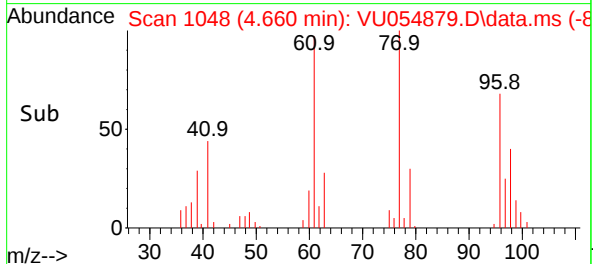
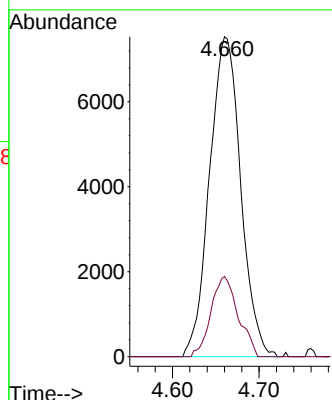
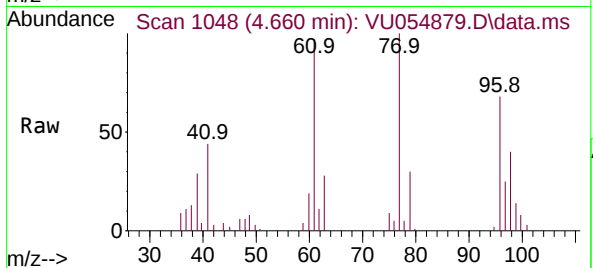
VU0726WBSD01

Tgt Ion: 77 Resp: 18825

Ion Ratio Lower Upper

77 100

97 21.8 18.0 27.0



#22

cis-1,2-Dichloroethene

Concen: 1.739 ug/l

RT: 4.663 min Scan# 1049

Delta R.T. 0.000 min

Lab File: VU054879.D

Acq: 26 Jul 2023 16:30

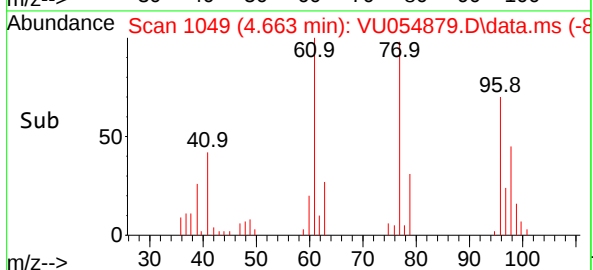
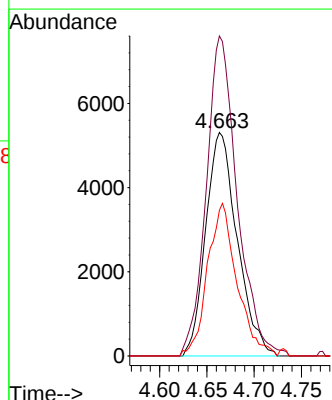
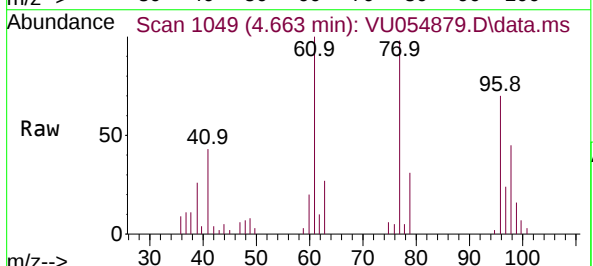
Tgt Ion: 96 Resp: 12330

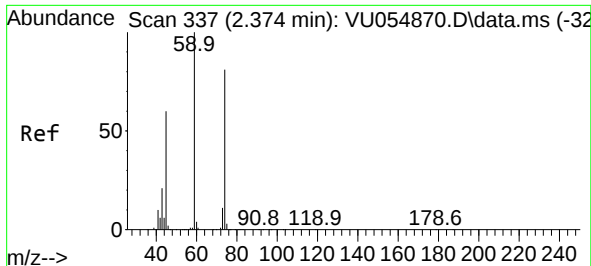
Ion Ratio Lower Upper

96 100

61 140.4 0.0 332.0

98 63.7 32.5 97.5

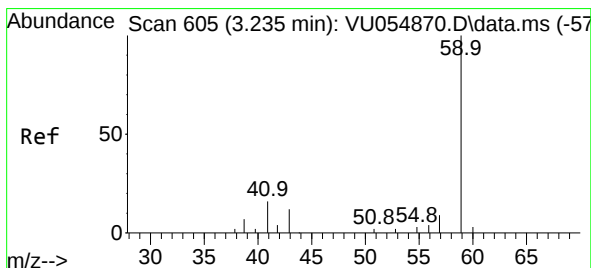
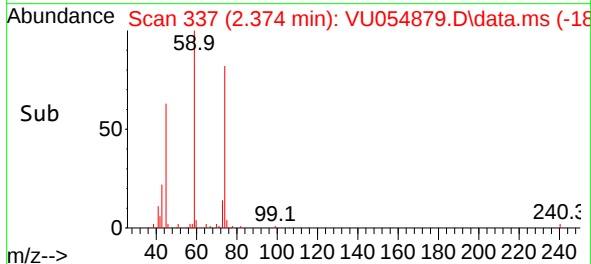
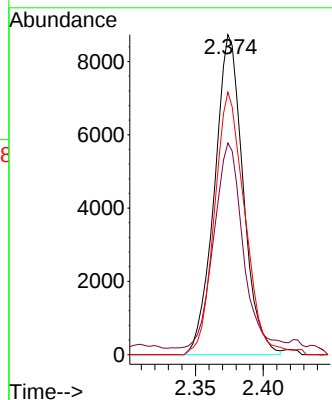
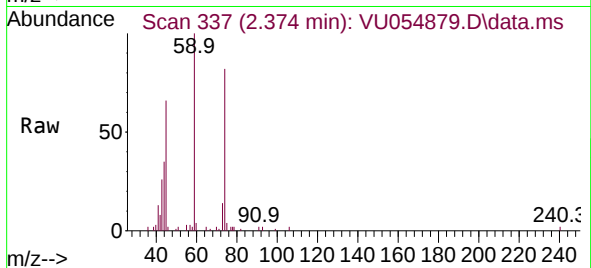




#23
Diethyl Ether
Concen: 1.775 ug/l
RT: 2.374 min Scan# 311
Delta R.T. 0.000 min
Lab File: VU054879.D
Acq: 26 Jul 2023 16:30

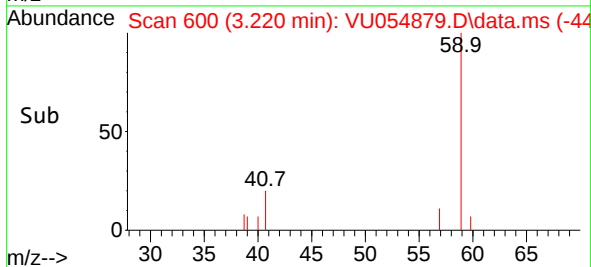
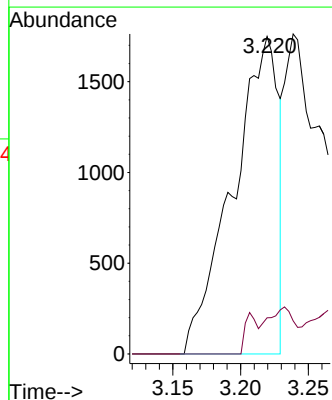
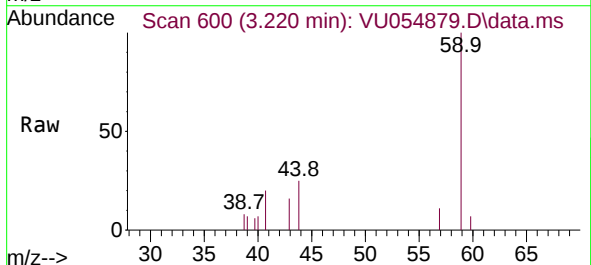
Instrument :
MSVOA_U
ClientSampleId :
VU0726WBSD01

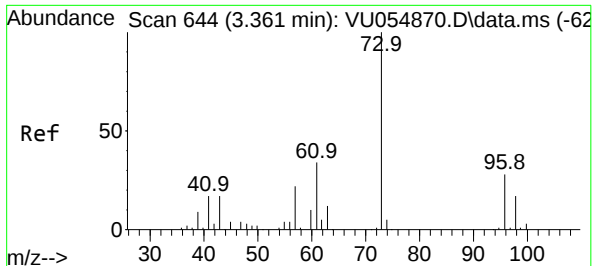
Tgt Ion: 59 Resp: 12831
Ion Ratio Lower Upper
59 100
45 65.7 51.4 77.0
74 87.0 63.1 94.7



#24
tert-Butyl Alcohol
Concen: 6.076 ug/l
RT: 3.220 min Scan# 600
Delta R.T. -0.016 min
Lab File: VU054879.D
Acq: 26 Jul 2023 16:30

Tgt Ion: 59 Resp: 4086
Ion Ratio Lower Upper
59 100
57 7.9 2.2 3.2#

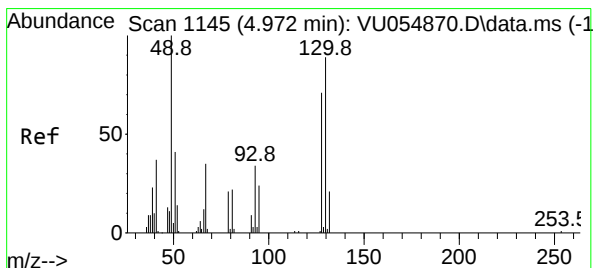
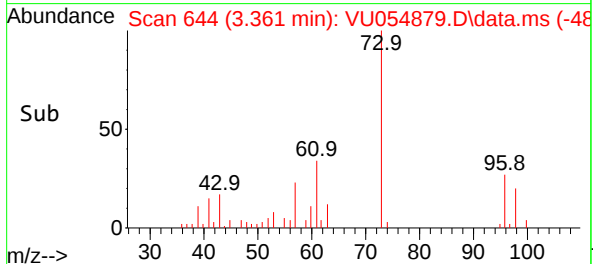
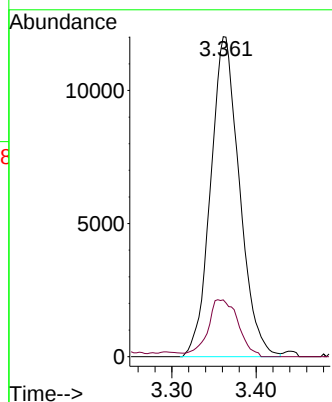
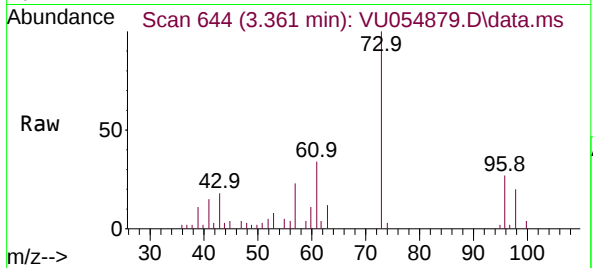




#25
Methyl tert-Butyl Ether
Concen: 1.885 ug/l
RT: 3.361 min Scan# 644
Delta R.T. 0.000 min
Lab File: VU054879.D
Acq: 26 Jul 2023 16:30

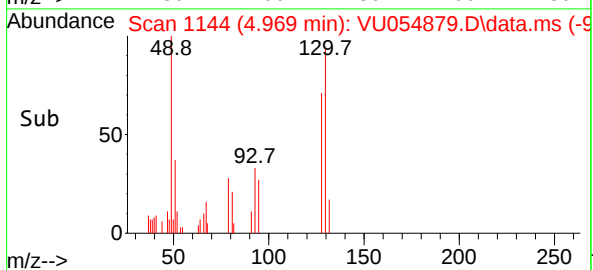
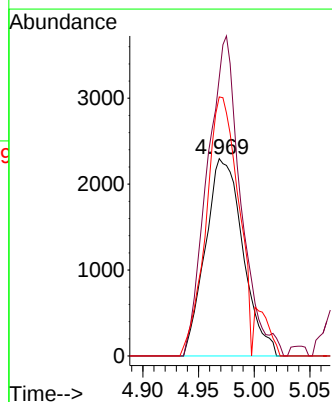
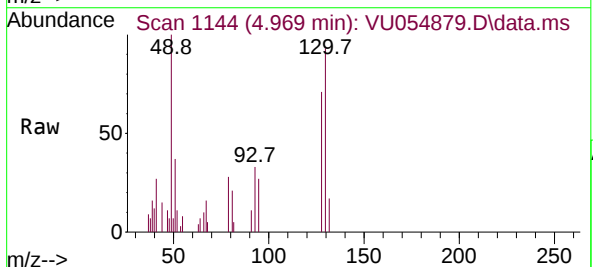
Instrument :
MSVOA_U
ClientSampleId :
VU0726WBSD01

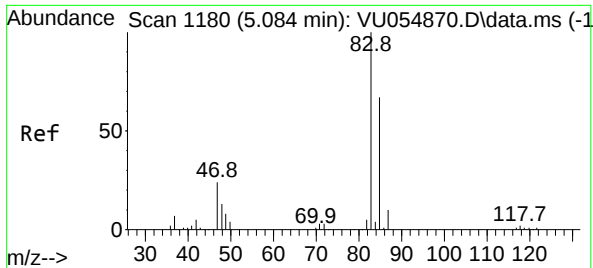
Tgt Ion: 73 Resp: 28583
Ion Ratio Lower Upper
73 100
43 18.8 14.6 22.0



#26
Bromochloromethane
Concen: 1.850 ug/l
RT: 4.969 min Scan# 1144
Delta R.T. -0.003 min
Lab File: VU054879.D
Acq: 26 Jul 2023 16:30

Tgt Ion: 128 Resp: 5378
Ion Ratio Lower Upper
128 100
49 144.9 0.0 304.0
130 112.4 104.3 156.5





#27

Chloroform

Concen: 1.792 ug/l

RT: 5.084 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VU054879.D

Acq: 26 Jul 2023 16:30

Instrument :

MSVOA_U

ClientSampleId :

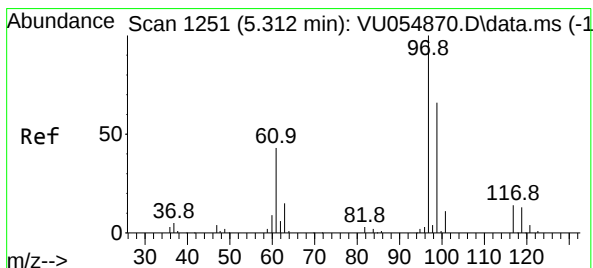
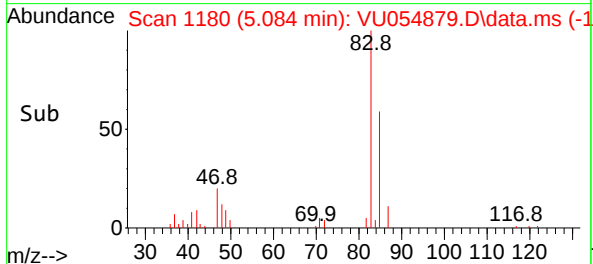
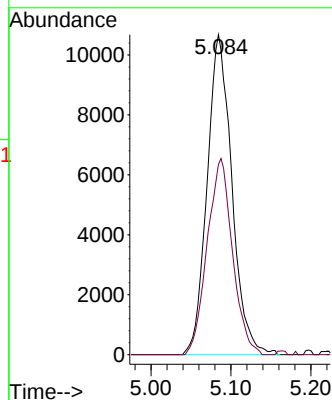
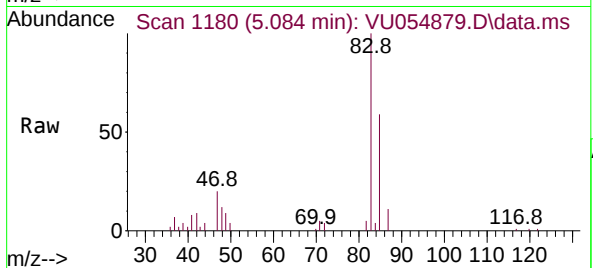
VU0726WBSD01

Tgt Ion: 83 Resp: 22963

Ion Ratio Lower Upper

83 100

85 59.5 0.0 135.2



#28

1,1,1-Trichloroethane

Concen: 1.757 ug/l

RT: 5.313 min Scan# 1251

Delta R.T. 0.000 min

Lab File: VU054879.D

Acq: 26 Jul 2023 16:30

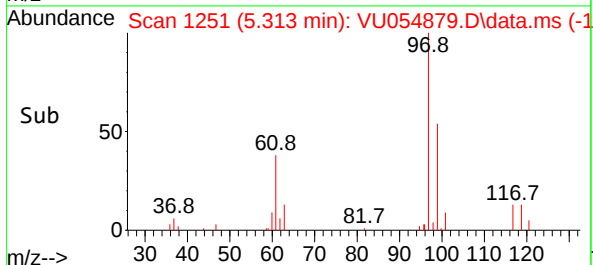
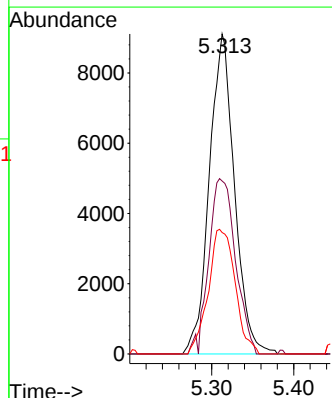
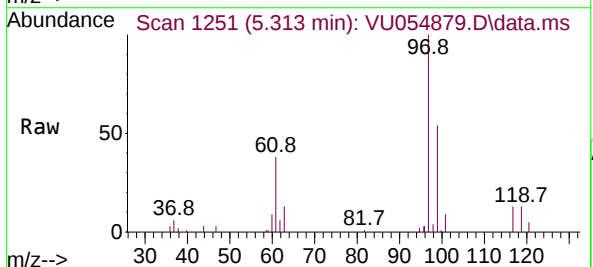
Tgt Ion: 97 Resp: 19439

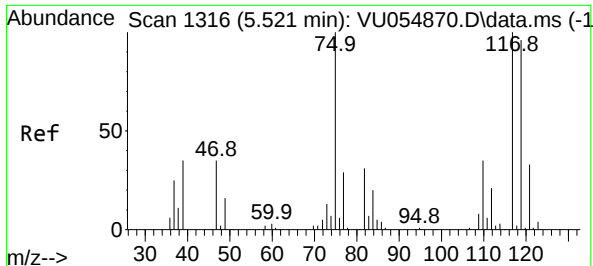
Ion Ratio Lower Upper

97 100

99 58.4 32.0 96.2

61 41.6 21.0 63.0





#29

1,1-Dichloropropene

Concen: 1.726 ug/l

RT: 5.518 min Scan# 11

Delta R.T. -0.003 min

Lab File: VU054879.D

Acq: 26 Jul 2023 16:30

Instrument :

MSVOA_U

ClientSampleId :

VU0726WBSD01

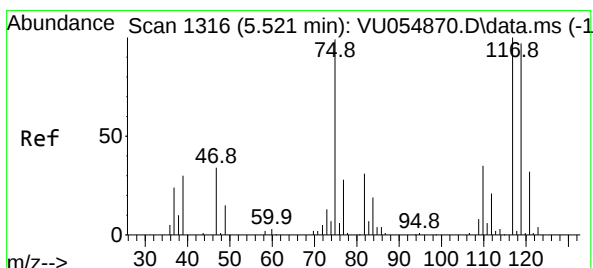
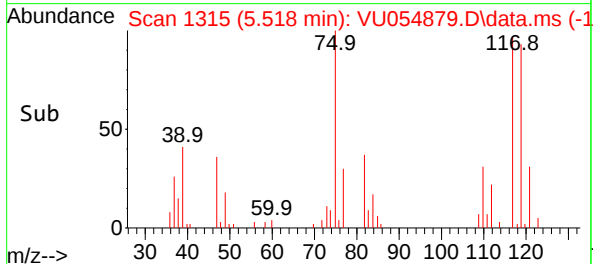
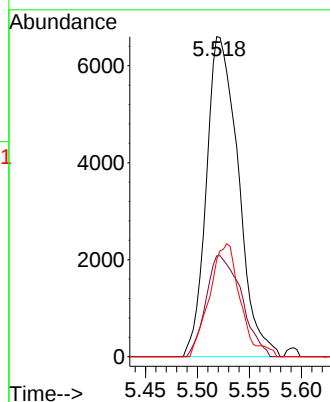
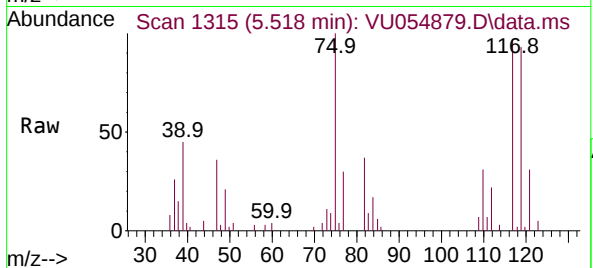
Tgt Ion: 75 Resp: 14093

Ion Ratio Lower Upper

75 100

110 35.0 18.5 55.5

77 34.1 24.9 37.3



#30

Carbon Tetrachloride

Concen: 1.619 ug/l

RT: 5.522 min Scan# 1316

Delta R.T. 0.000 min

Lab File: VU054879.D

Acq: 26 Jul 2023 16:30

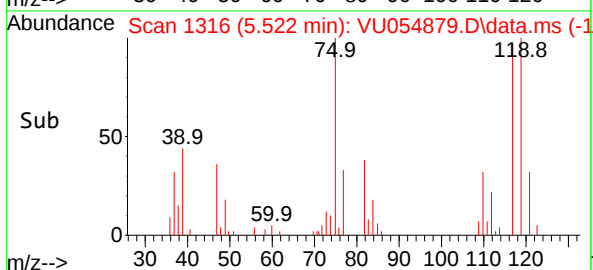
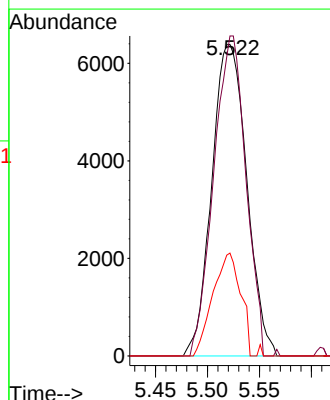
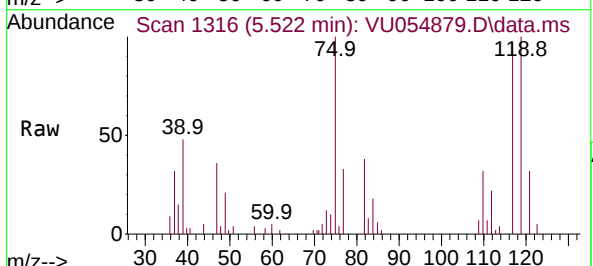
Tgt Ion: 117 Resp: 14957

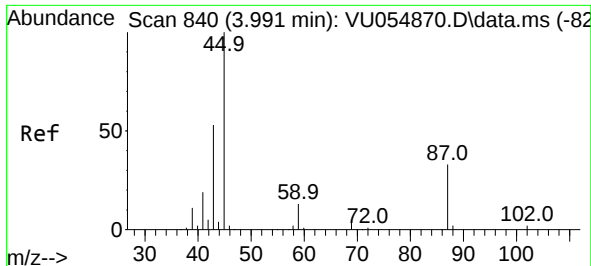
Ion Ratio Lower Upper

117 100

119 102.7 75.6 113.4

121 33.0 23.4 35.0

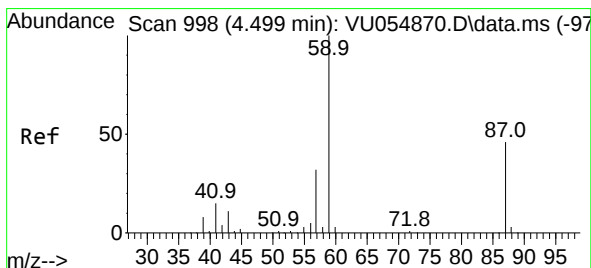
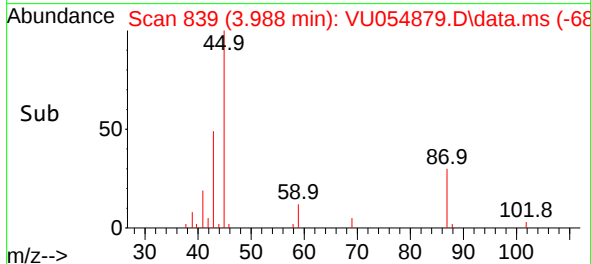
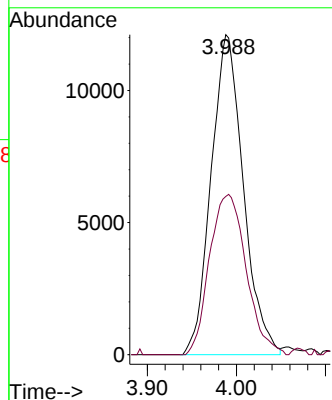
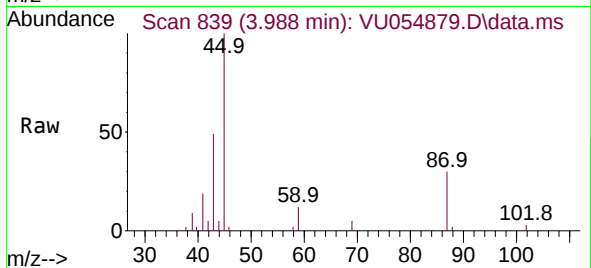




#31
Isopropyl Ether
Concen: 1.729 ug/l
RT: 3.988 min Scan# 81
Delta R.T. -0.003 min
Lab File: VU054879.D
Acq: 26 Jul 2023 16:30

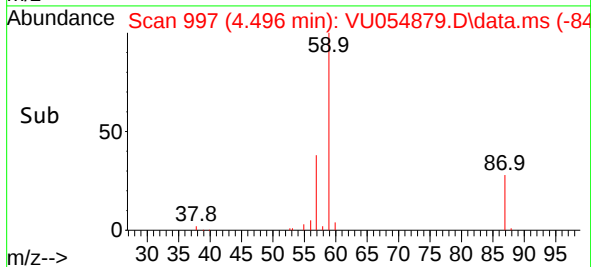
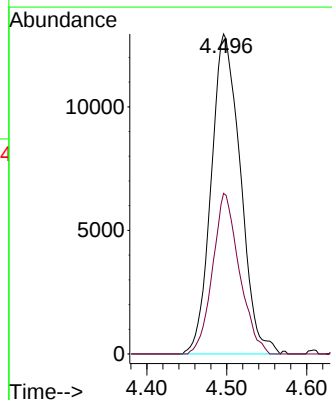
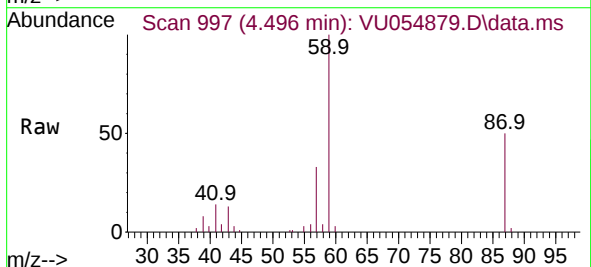
Instrument :
MSVOA_U
ClientSampleId :
VU0726WBSD01

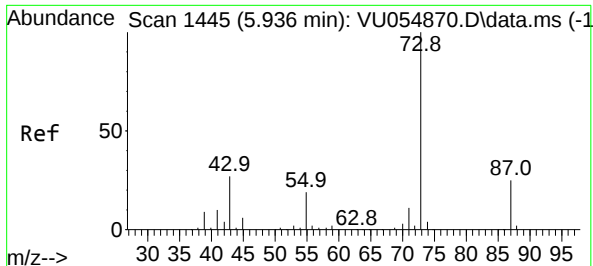
Tgt Ion: 45 Resp: 30452
Ion Ratio Lower Upper
45 100
43 56.9 26.4 79.2



#32
Ethyl-t-butyl ether
Concen: 1.810 ug/l
RT: 4.496 min Scan# 997
Delta R.T. -0.003 min
Lab File: VU054879.D
Acq: 26 Jul 2023 16:30

Tgt Ion: 59 Resp: 32817
Ion Ratio Lower Upper
59 100
87 46.0 35.7 53.5

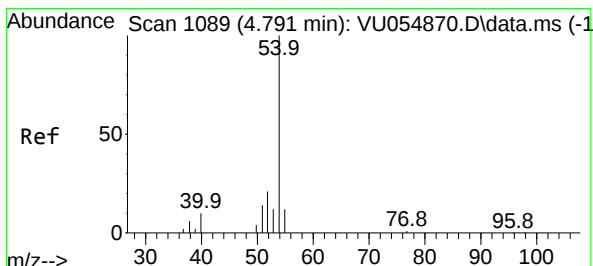
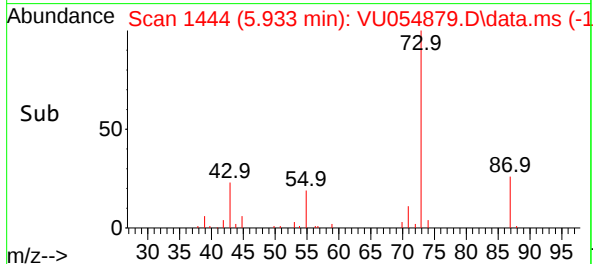
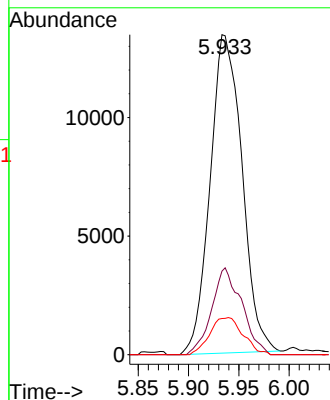
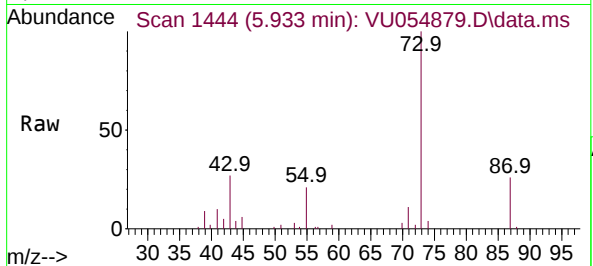




#33
Tert-Amyl methyl ether
Concen: 1.728 ug/l
RT: 5.933 min Scan# 1445
Delta R.T. -0.003 min
Lab File: VU054879.D
Acq: 26 Jul 2023 16:30

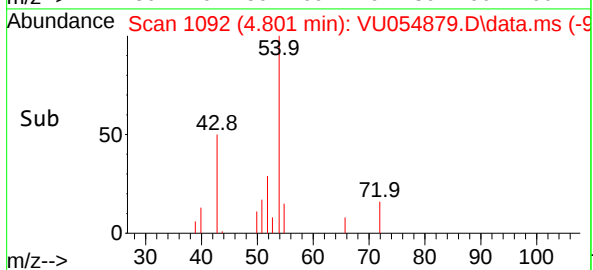
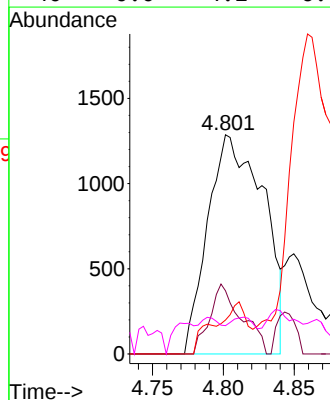
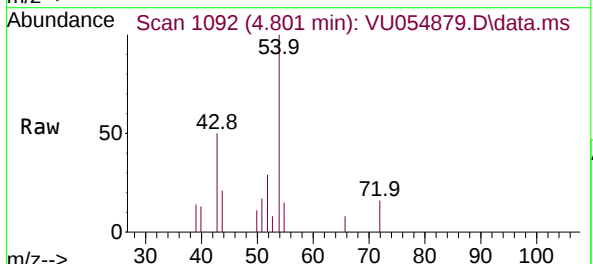
Instrument :
MSVOA_U
ClientSampleId :
VU0726WBSD01

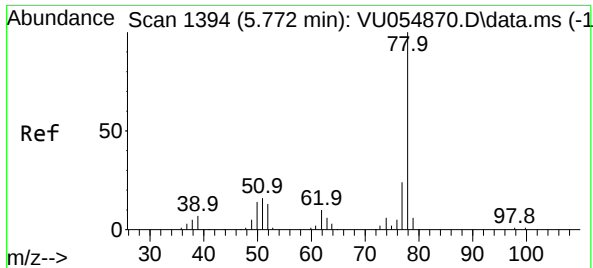
Tgt Ion: 73 Resp: 29622
Ion Ratio Lower Upper
73 100
87 25.7 19.6 29.4
71 12.1 9.1 13.7



#34
Propionitrile
Concen: 7.846 ug/l
RT: 4.801 min Scan# 1092
Delta R.T. 0.010 min
Lab File: VU054879.D
Acq: 26 Jul 2023 16:30

Tgt Ion: 54 Resp: 3507
Ion Ratio Lower Upper
54 100
52 18.4 13.8 20.8
55 3.8 4.8 7.2#
40 0.0 4.2 6.4#

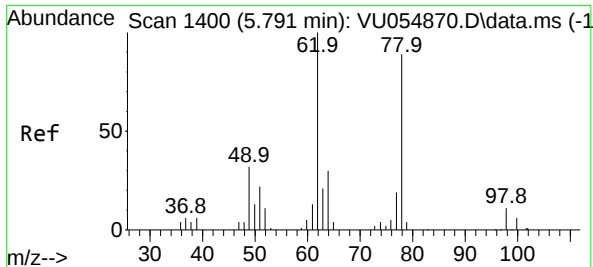
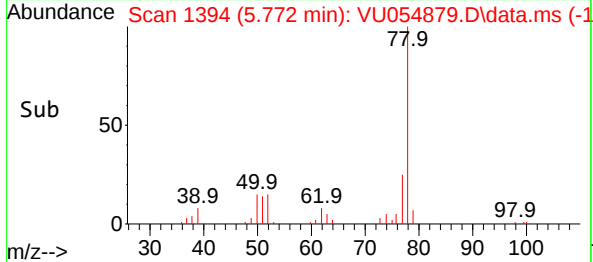
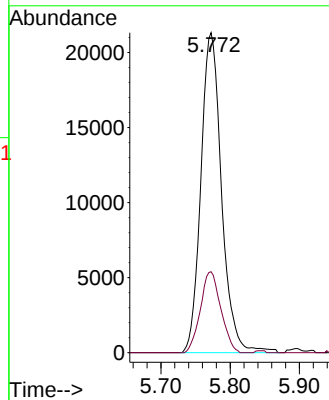
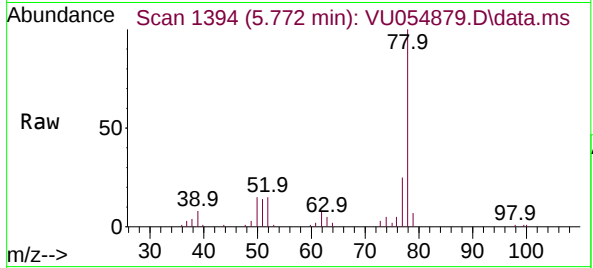




#35
Benzene
Concen: 1.729 ug/l
RT: 5.772 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU054879.D
Acq: 26 Jul 2023 16:30

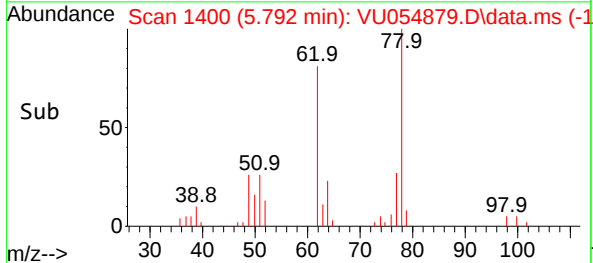
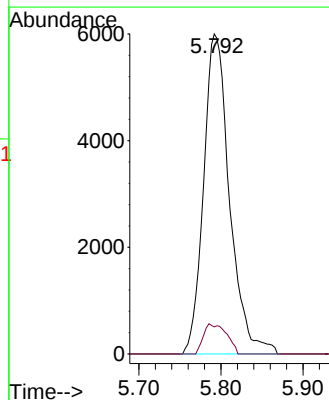
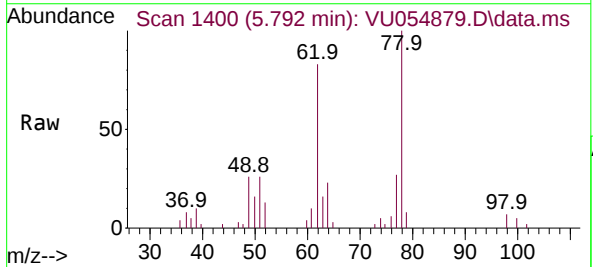
Instrument :
MSVOA_U
ClientSampleId :
VU0726WBSD01

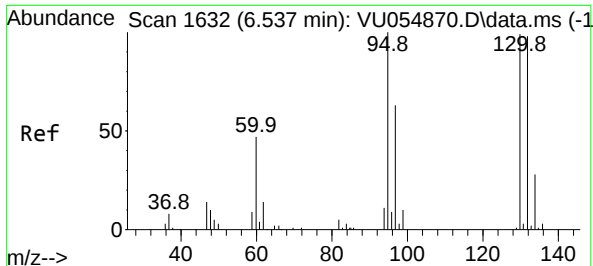
Tgt Ion: 78 Resp: 44204
Ion Ratio Lower Upper
78 100
77 25.3 19.4 29.2



#36
1,2-Dichloroethane
Concen: 1.814 ug/l
RT: 5.792 min Scan# 1400
Delta R.T. 0.000 min
Lab File: VU054879.D
Acq: 26 Jul 2023 16:30

Tgt Ion: 62 Resp: 13189
Ion Ratio Lower Upper
62 100
98 8.3 7.8 11.8





#37

Trichloroethene

Concen: 1.750 ug/l

RT: 6.541 min Scan# 1

Delta R.T. 0.004 min

Lab File: VU054879.D

Acq: 26 Jul 2023 16:30

Instrument :

MSVOA_U

ClientSampleId :

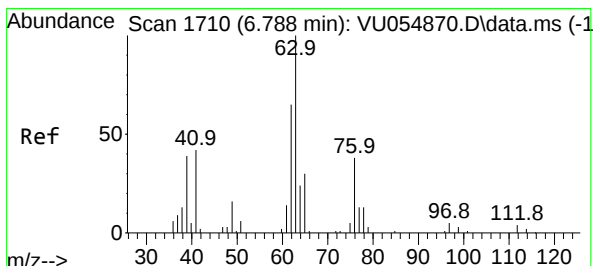
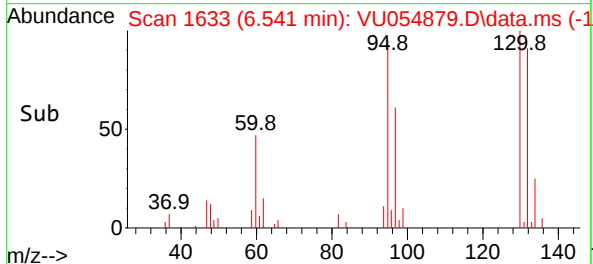
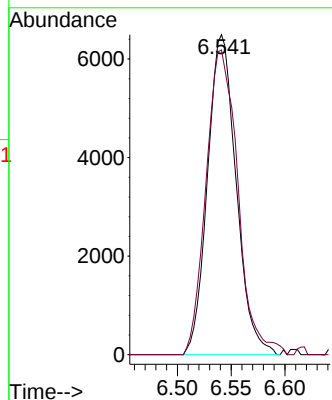
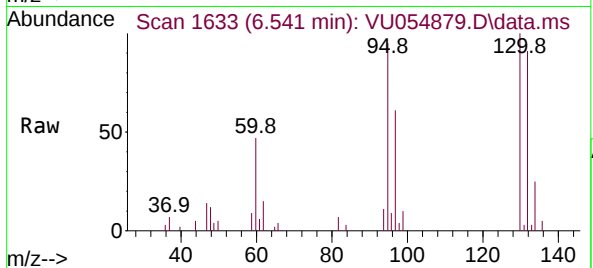
VU0726WBSD01

Tgt Ion:130 Resp: 12033

Ion Ratio Lower Upper

130 100

95 95.2 76.8 115.2



#38

1,2-Dichloropropane

Concen: 1.788 ug/l

RT: 6.785 min Scan# 1709

Delta R.T. -0.003 min

Lab File: VU054879.D

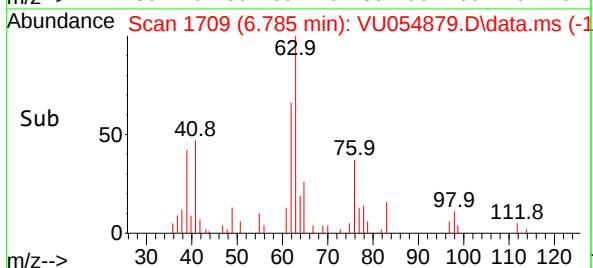
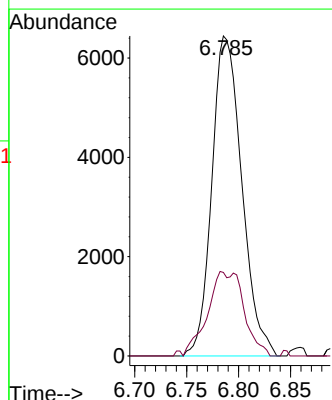
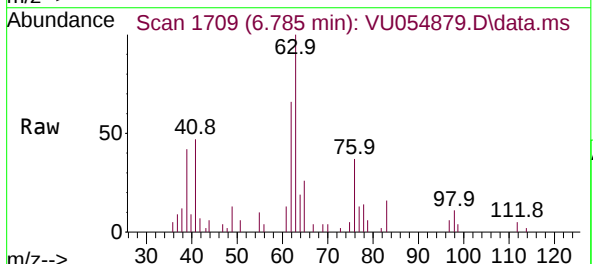
Acq: 26 Jul 2023 16:30

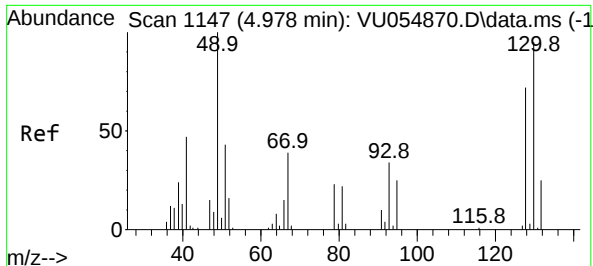
Tgt Ion: 63 Resp: 12922

Ion Ratio Lower Upper

63 100

65 26.1 24.3 36.5





#39

Methacrylonitrile

Concen: 2.211 ug/l

RT: 4.978 min Scan# 1147

Delta R.T. 0.000 min

Lab File: VU054879.D

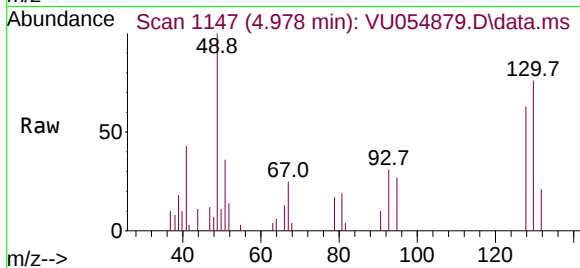
Acq: 26 Jul 2023 16:30

Instrument :

MSVOA_U

ClientSampleId :

VU0726WBSD01



Tgt Ion: 41 Resp: 3962

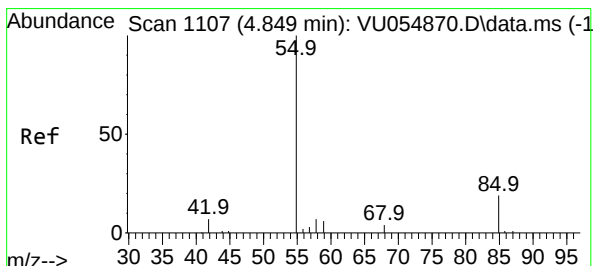
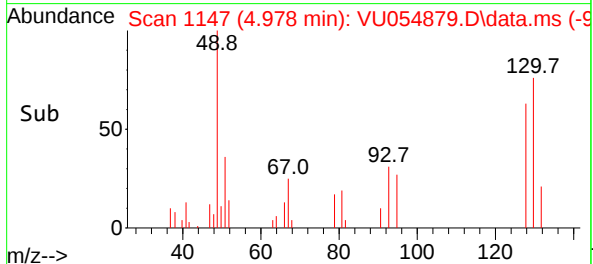
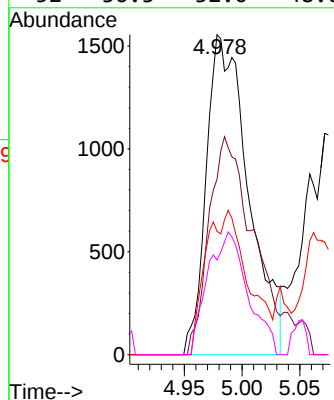
Ion Ratio Lower Upper

41 100

67 70.6 77.0 115.4#

39 18.2 50.4 75.6#

52 36.3 32.0 48.0



#40

Methyl acrylate

Concen: 1.218 ug/l

RT: 4.859 min Scan# 1110

Delta R.T. 0.010 min

Lab File: VU054879.D

Acq: 26 Jul 2023 16:30

Tgt Ion: 55 Resp: 3471

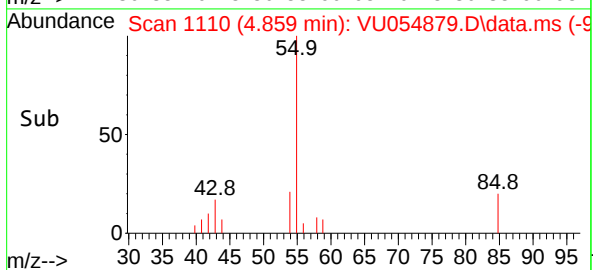
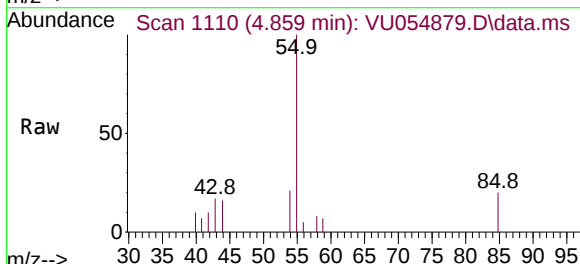
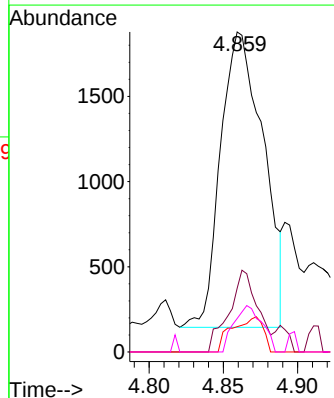
Ion Ratio Lower Upper

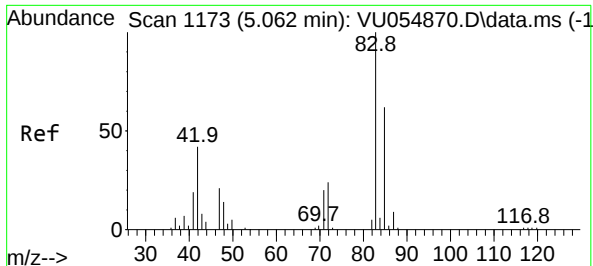
55 100

85 18.6 13.0 19.6

58 8.6 5.7 8.5#

42 10.3 4.6 7.0#

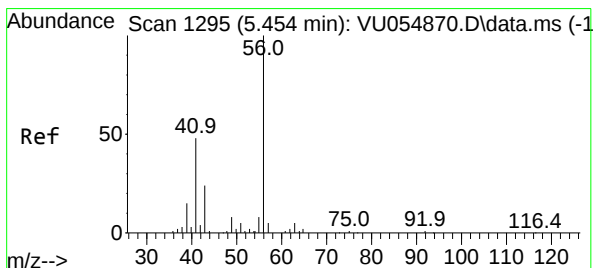
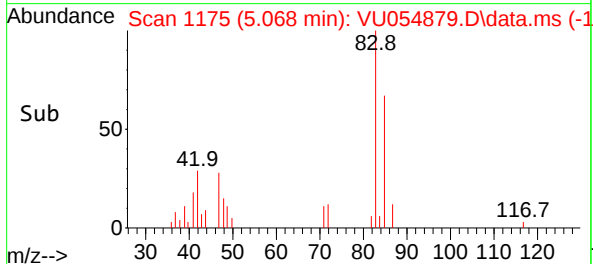
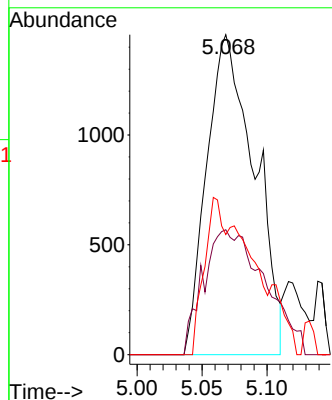
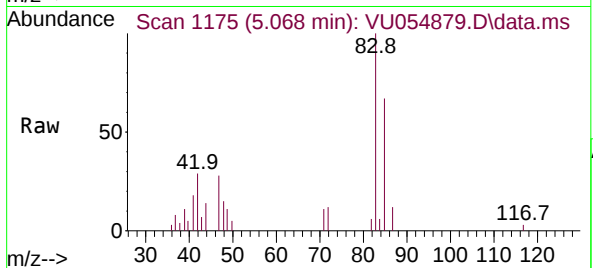




#41
Tetrahydrofuran
Concen: 3.620 ug/l
RT: 5.068 min Scan# 1173
Delta R.T. 0.007 min
Lab File: VU054879.D
Acq: 26 Jul 2023 16:30

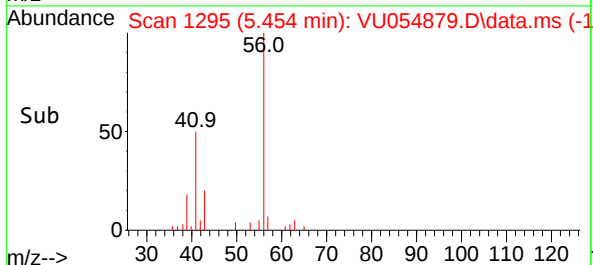
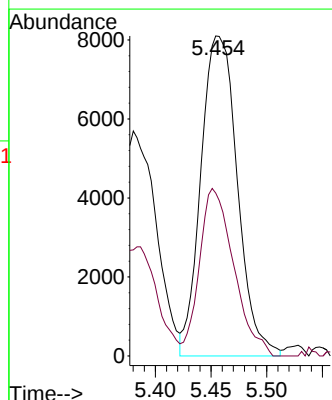
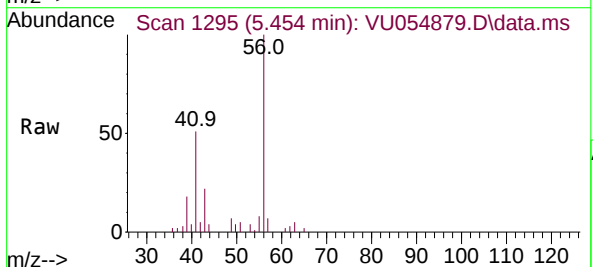
Instrument :
MSVOA_U
ClientSampleId :
VU0726WBSD01

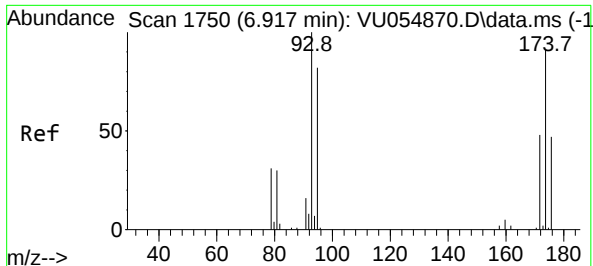
Tgt Ion: 42 Resp: 3709
Ion Ratio Lower Upper
42 100
72 50.5 42.1 63.1
71 21.1 39.7 59.5#



#42
1-Chlorobutane
Concen: 1.729 ug/l
RT: 5.454 min Scan# 1295
Delta R.T. 0.000 min
Lab File: VU054879.D
Acq: 26 Jul 2023 16:30

Tgt Ion: 56 Resp: 18479
Ion Ratio Lower Upper
56 100
41 49.3 23.9 71.7

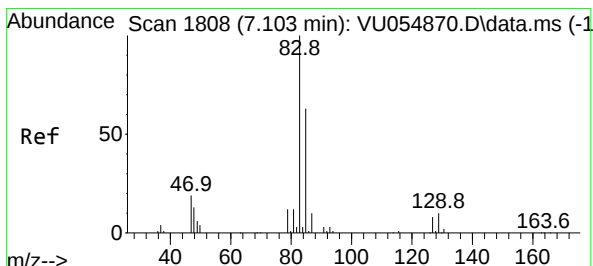
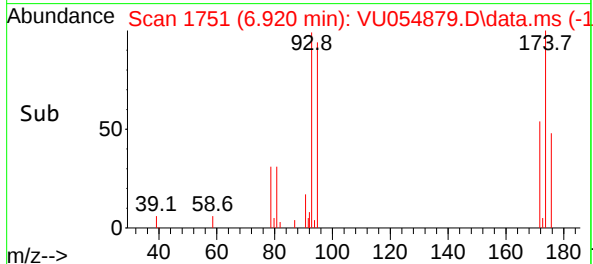
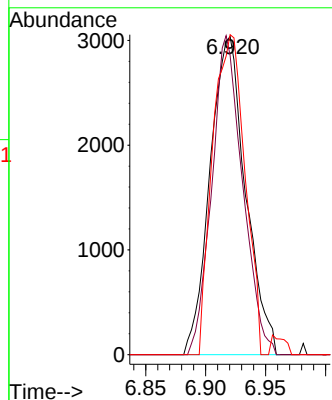
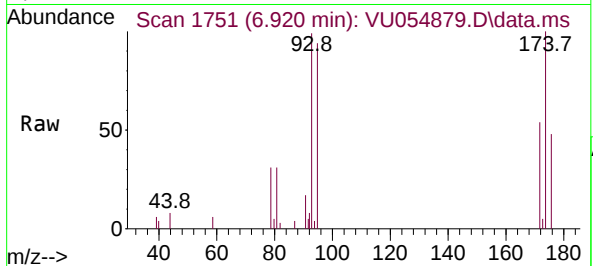




#43
Dibromomethane
Concen: 1.845 ug/l
RT: 6.920 min Scan# 1751
Delta R.T. 0.004 min
Lab File: VU054879.D
Acq: 26 Jul 2023 16:30

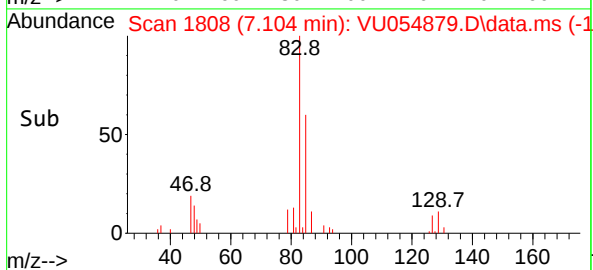
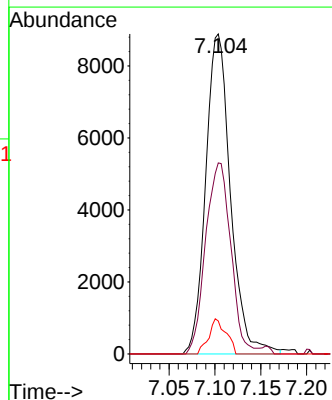
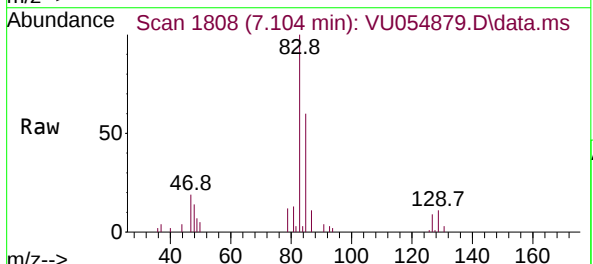
Instrument :
MSVOA_U
ClientSampleId :
VU0726WBSD01

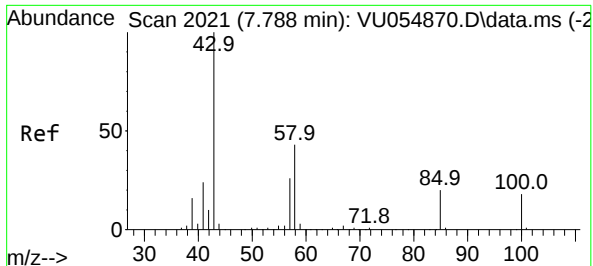
Tgt Ion: 93 Resp: 6263
Ion Ratio Lower Upper
93 100
95 86.7 64.7 97.1
174 91.2 74.4 111.6



#44
Bromodichloromethane
Concen: 1.769 ug/l
RT: 7.104 min Scan# 1808
Delta R.T. 0.000 min
Lab File: VU054879.D
Acq: 26 Jul 2023 16:30

Tgt Ion: 83 Resp: 16731
Ion Ratio Lower Upper
83 100
85 59.7 52.2 78.2
127 10.3 6.1 9.1#

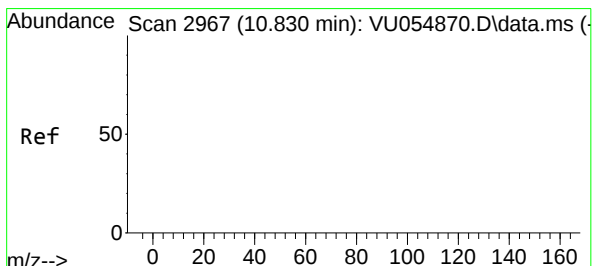
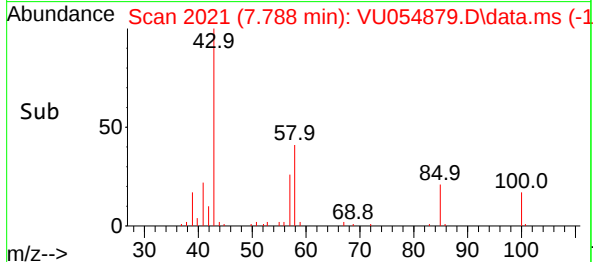
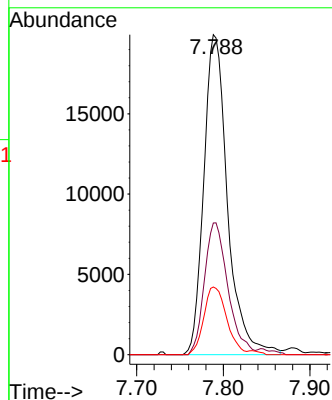
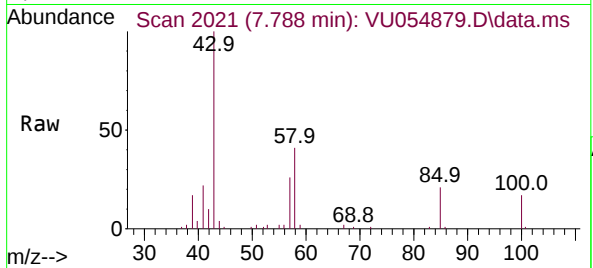




#45
4-Methyl-2-Pentanone
Concen: 9.583 ug/l
RT: 7.788 min Scan# 2021
Delta R.T. 0.000 min
Lab File: VU054879.D
Acq: 26 Jul 2023 16:30

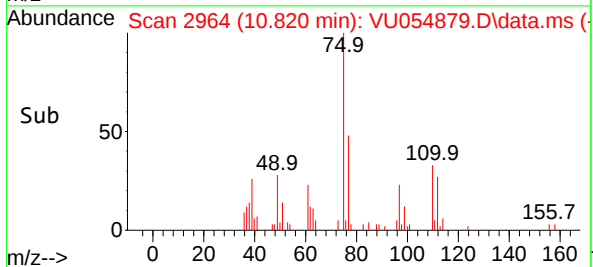
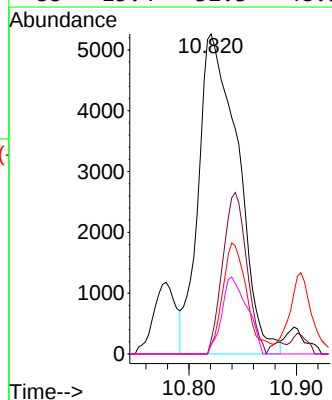
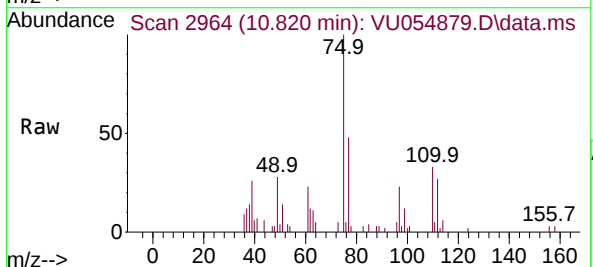
Instrument :
MSVOA_U
ClientSampleId :
VU0726WBSD01

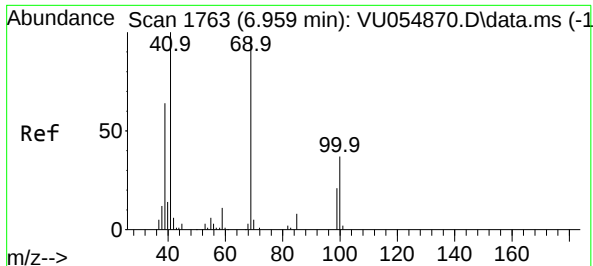
Tgt Ion: 43 Resp: 37952
Ion Ratio Lower Upper
43 100
58 40.8 21.3 63.7
85 20.4 15.3 22.9



#46
t-1,4-Dichloro-2-butene
Concen: 8.419 ug/l
RT: 10.820 min Scan# 2964
Delta R.T. -0.009 min
Lab File: VU054879.D
Acq: 26 Jul 2023 16:30

Tgt Ion: 75 Resp: 13415
Ion Ratio Lower Upper
75 100
53 30.7 62.9 94.3#
89 21.7 47.8 71.8#
88 15.4 32.3 48.5#





#47

Methyl methacrylate

Concen: 3.980 ug/l

RT: 6.965 min Scan# 1

Delta R.T. 0.007 min

Lab File: VU054879.D

Acq: 26 Jul 2023 16:30

Instrument :

MSVOA_U

ClientSampleId :

VU0726WBSD01

Tgt Ion: 69 Resp: 12351

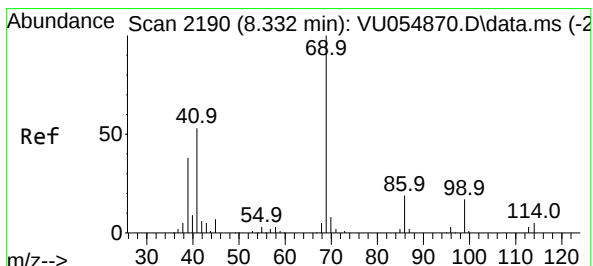
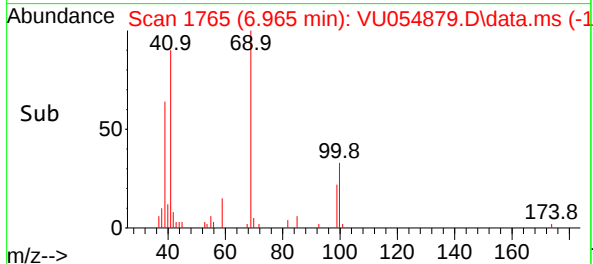
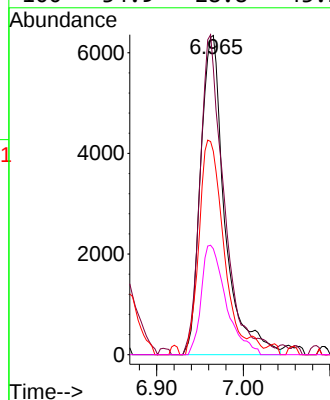
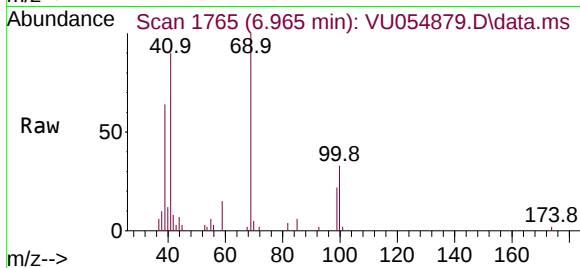
Ion Ratio Lower Upper

69 100

41 99.4 0.0 193.0

39 67.0 50.4 75.6

100 34.9 28.8 43.2



#48

Ethyl methacrylate

Concen: 1.989 ug/l

RT: 8.332 min Scan# 2190

Delta R.T. 0.000 min

Lab File: VU054879.D

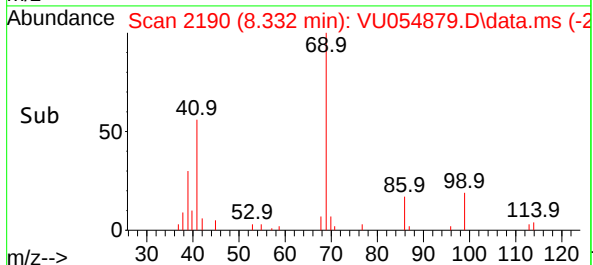
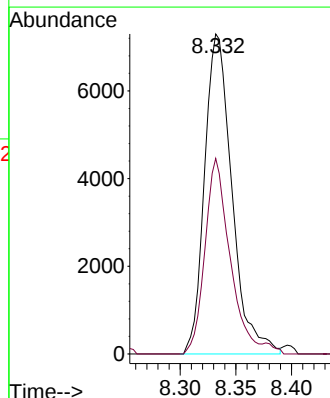
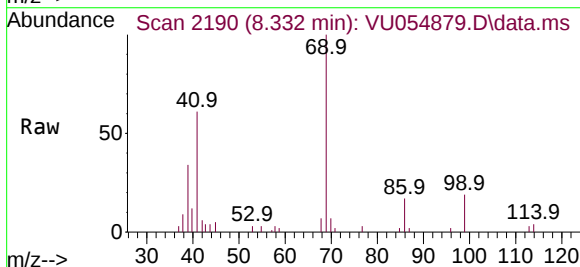
Acq: 26 Jul 2023 16:30

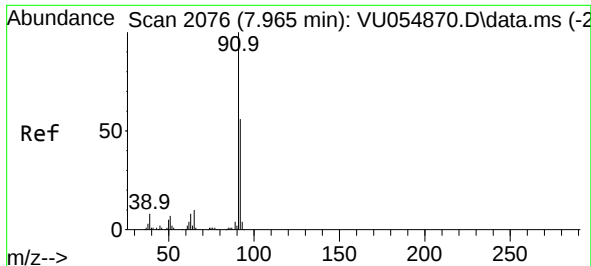
Tgt Ion: 69 Resp: 12480

Ion Ratio Lower Upper

69 100

41 56.9 28.8 86.5





#49

Toluene

Concen: 1.713 ug/l

RT: 7.968 min Scan# 2077

Delta R.T. 0.004 min

Lab File: VU054879.D

Acq: 26 Jul 2023 16:30

Instrument :

MSVOA_U

ClientSampleId :

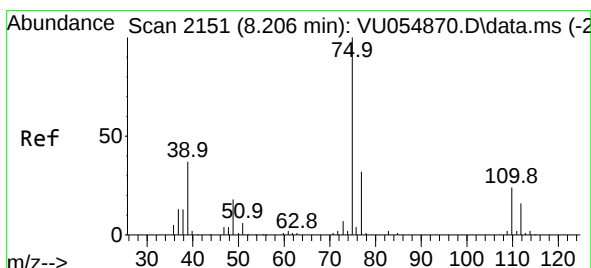
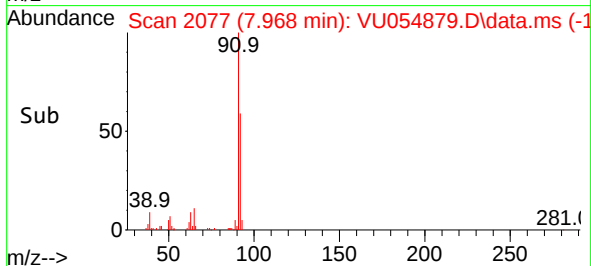
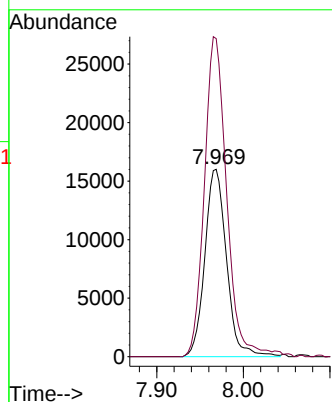
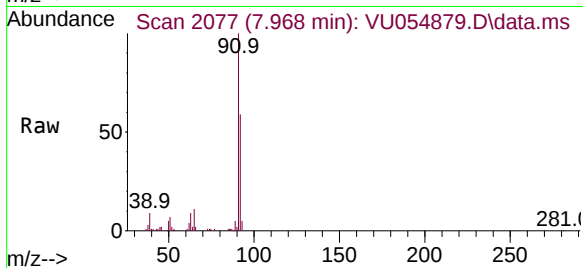
VU0726WBSD01

Tgt Ion: 92 Resp: 27896

Ion Ratio Lower Upper

92 100

91 174.3 142.9 214.3



#50

t-1,3-Dichloropropene

Concen: 1.737 ug/l

RT: 8.210 min Scan# 2152

Delta R.T. 0.004 min

Lab File: VU054879.D

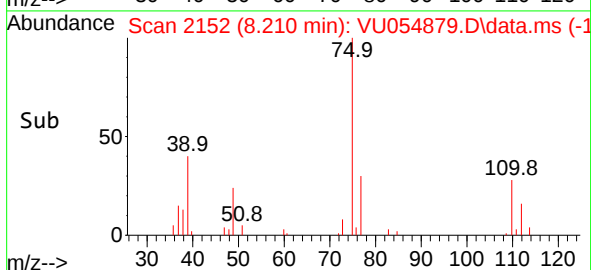
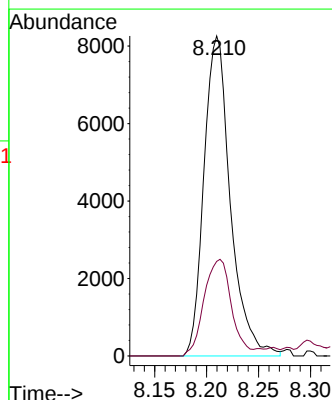
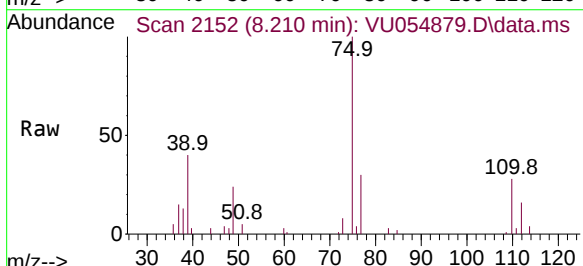
Acq: 26 Jul 2023 16:30

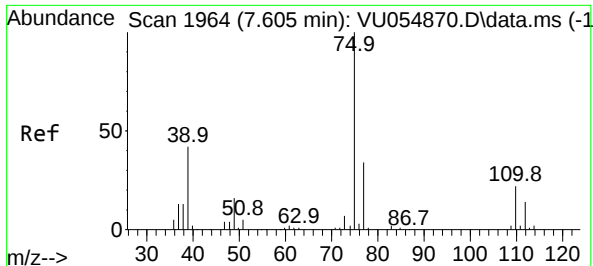
Tgt Ion: 75 Resp: 14586

Ion Ratio Lower Upper

75 100

77 29.5 24.9 37.3





#51

cis-1,3-Dichloropropene

Concen: 1.693 ug/l

RT: 7.605 min Scan# 1964

Delta R.T. 0.000 min

Lab File: VU054879.D

Acq: 26 Jul 2023 16:30

Instrument :

MSVOA_U

ClientSampleId :

VU0726WBSD01

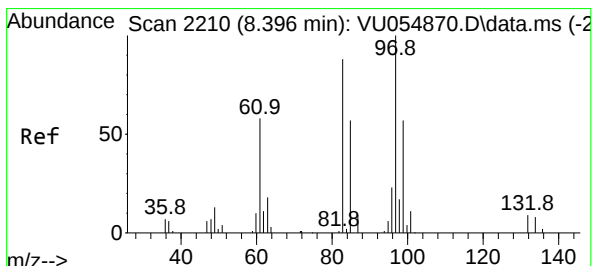
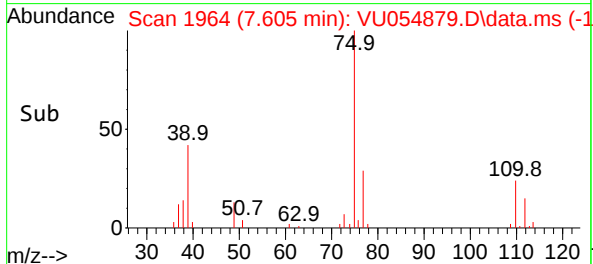
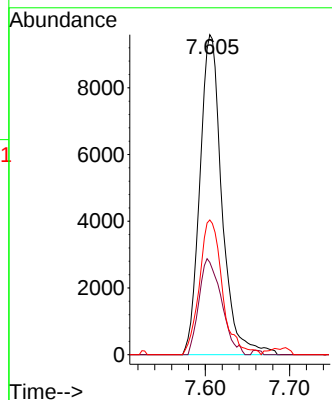
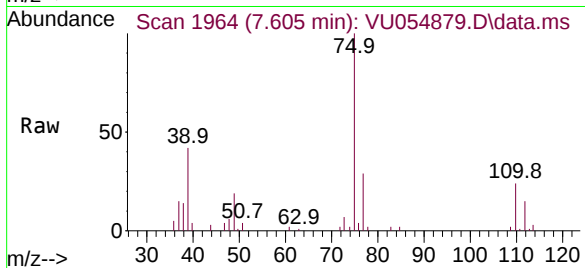
Tgt Ion: 75 Resp: 17475

Ion Ratio Lower Upper

75 100

77 28.9 25.8 38.8

39 42.1 31.7 47.5



#52

1,1,2-Trichloroethane

Concen: 1.920 ug/l

RT: 8.399 min Scan# 2211

Delta R.T. 0.004 min

Lab File: VU054879.D

Acq: 26 Jul 2023 16:30

Tgt Ion: 97 Resp: 10332

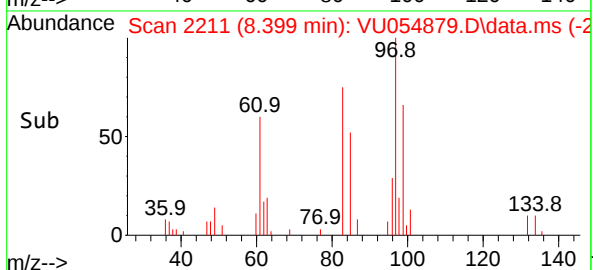
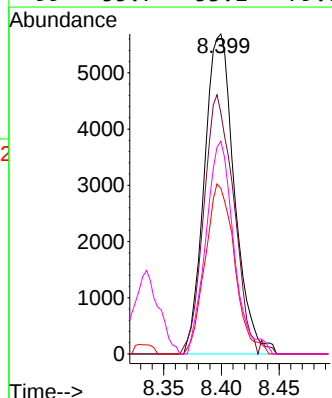
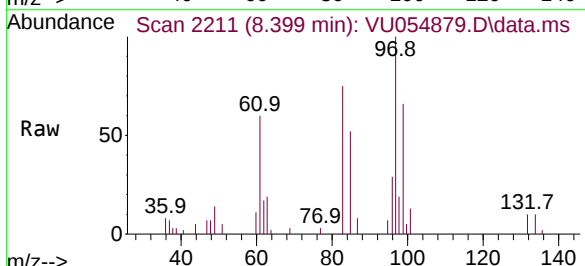
Ion Ratio Lower Upper

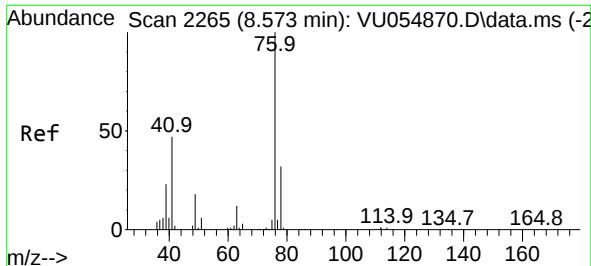
97 100

83 63.1 77.4 116.2#

85 43.3 47.8 71.8#

99 55.7 53.1 79.7





#53

1,3-Dichloropropane

Concen: 1.907 ug/l

RT: 8.573 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU054879.D

Acq: 26 Jul 2023 16:30

Instrument :

MSVOA_U

ClientSampleId :

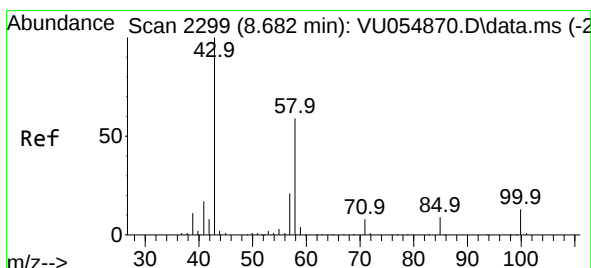
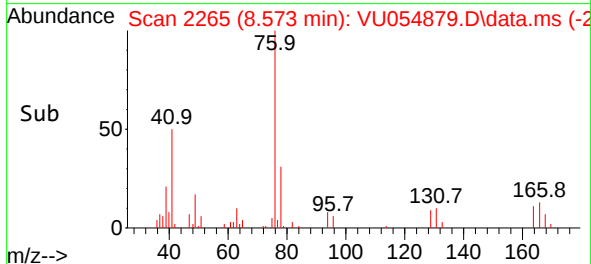
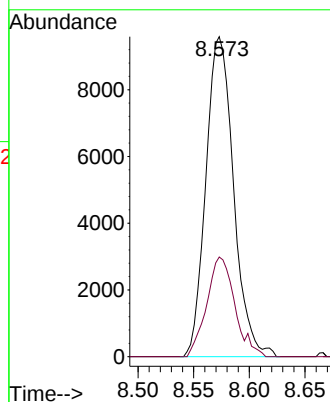
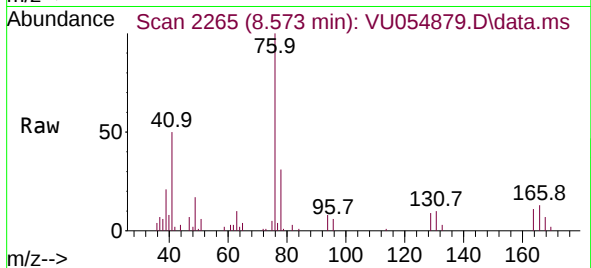
VU0726WBSD01

Tgt Ion: 76 Resp: 16597

Ion Ratio Lower Upper

76 100

78 31.5 24.6 36.8



#54

2-Hexanone

Concen: 9.450 ug/l

RT: 8.682 min Scan# 2299

Delta R.T. 0.000 min

Lab File: VU054879.D

Acq: 26 Jul 2023 16:30

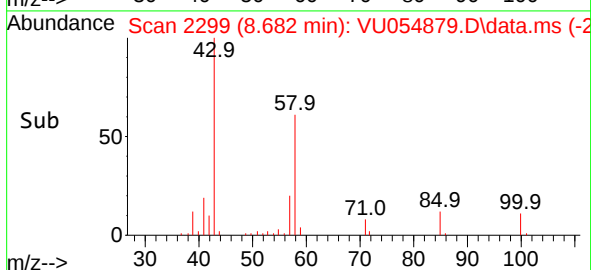
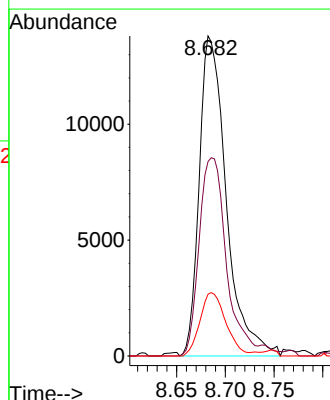
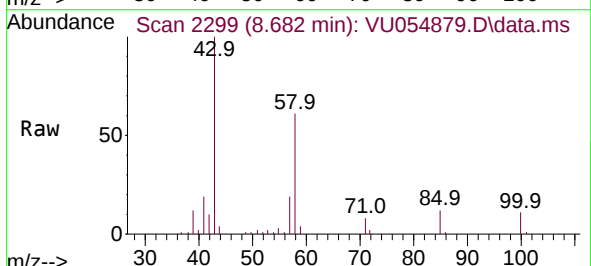
Tgt Ion: 43 Resp: 26592

Ion Ratio Lower Upper

43 100

58 62.3 38.9 78.9

57 19.0 0.0 38.7

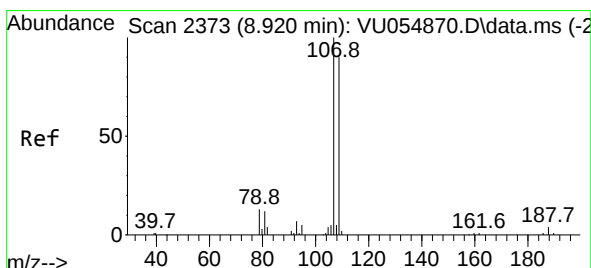
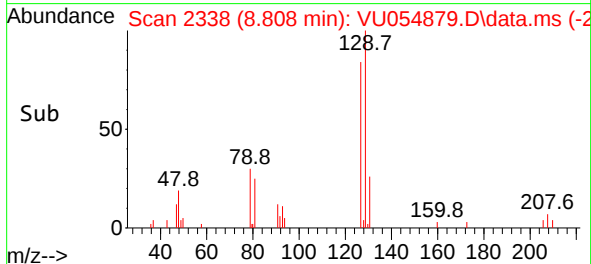
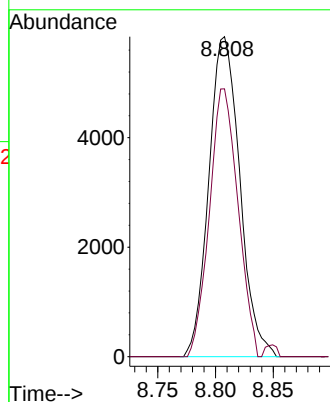
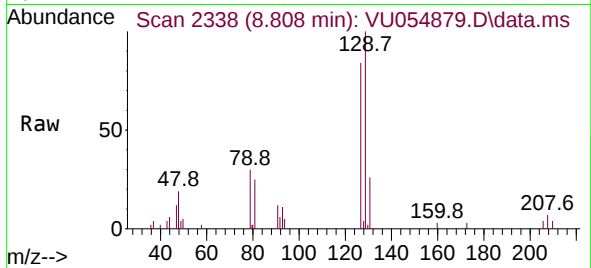




#55
Dibromochloromethane
Concen: 1.770 ug/l
RT: 8.808 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU054879.D
Acq: 26 Jul 2023 16:30

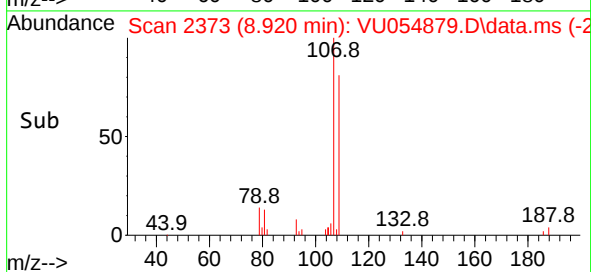
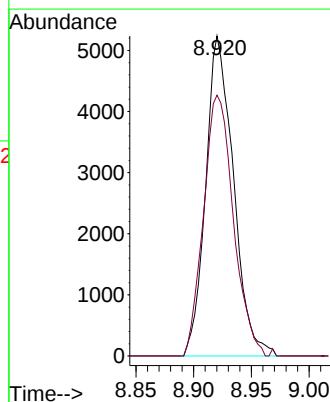
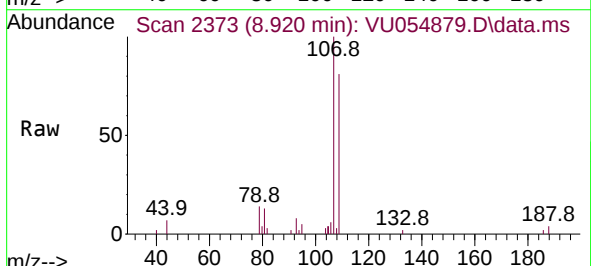
Instrument :
MSVOA_U
ClientSampleId :
VU0726WBSD01

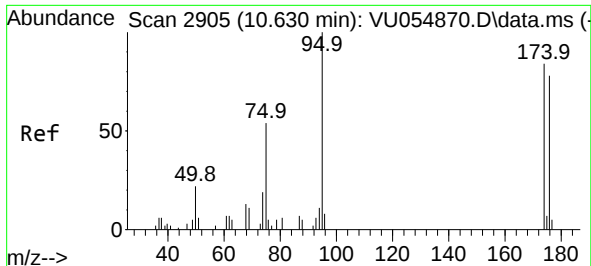
Tgt Ion:129 Resp: 10914
Ion Ratio Lower Upper
129 100
127 76.9 61.4 92.0



#56
1,2-Dibromoethane
Concen: 1.920 ug/l
RT: 8.920 min Scan# 2373
Delta R.T. 0.000 min
Lab File: VU054879.D
Acq: 26 Jul 2023 16:30

Tgt Ion:107 Resp: 8754
Ion Ratio Lower Upper
107 100
109 87.5 0.0 185.4

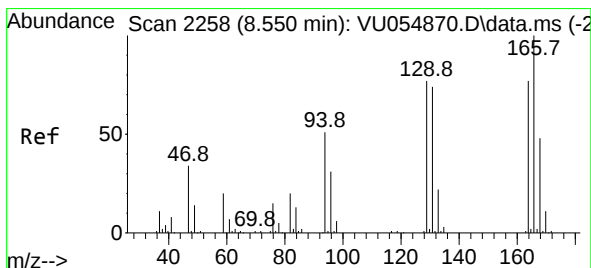
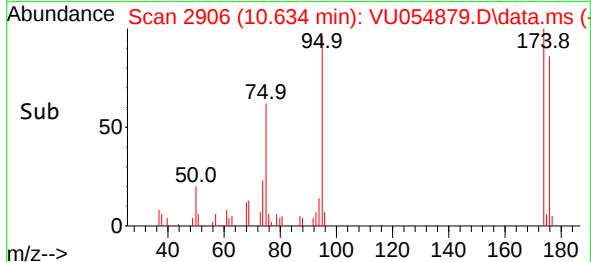
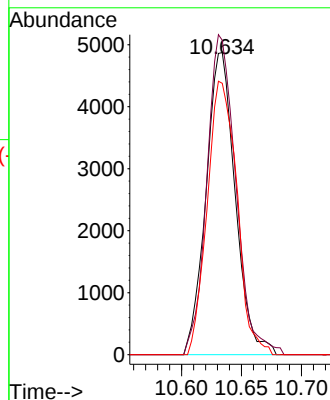
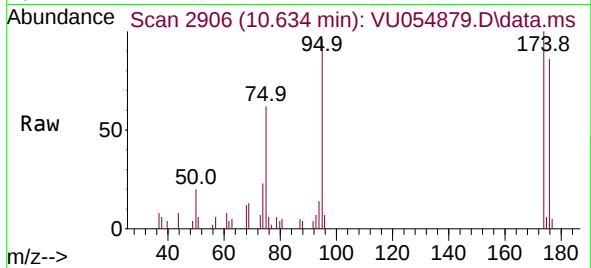




#57
 4-Bromofluorobenzene
 Concen: 0.961 ug/l
 RT: 10.634 min Scan# 2905
 Delta R.T. 0.004 min
 Lab File: VU054879.D
 Acq: 26 Jul 2023 16:30

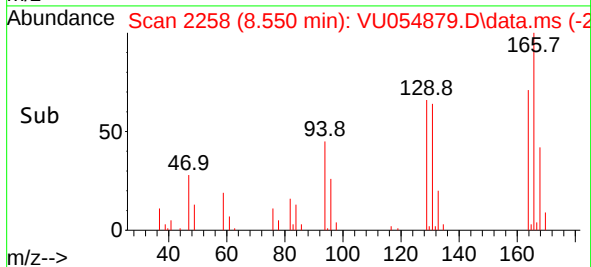
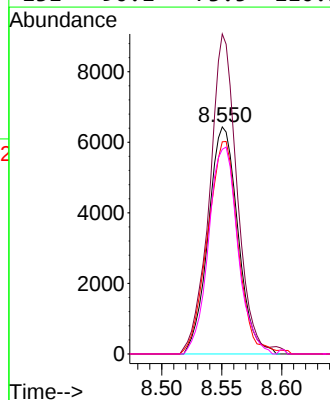
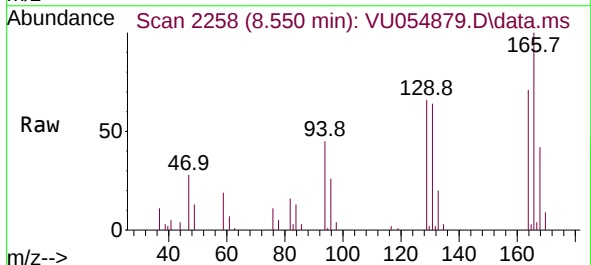
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0726WBSD01

Tgt Ion: 95 Resp: 8266
 Ion Ratio Lower Upper
 95 100
 174 105.0 79.3 118.9
 176 91.6 71.5 107.3



#58
 Tetrachloroethene
 Concen: 1.848 ug/l
 RT: 8.550 min Scan# 2258
 Delta R.T. 0.000 min
 Lab File: VU054879.D
 Acq: 26 Jul 2023 16:30

Tgt Ion: 164 Resp: 11091
 Ion Ratio Lower Upper
 164 100
 166 141.0 100.4 150.6
 129 93.4 71.9 107.9
 131 90.1 73.5 110.3





#59

Chlorobenzene

Concen: 1.710 ug/l

RT: 9.444 min Scan# 2536

Delta R.T. 0.000 min

Lab File: VU054879.D

Acq: 26 Jul 2023 16:30

Instrument :

MSVOA_U

ClientSampleId :

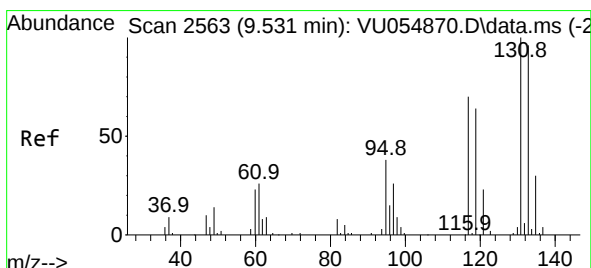
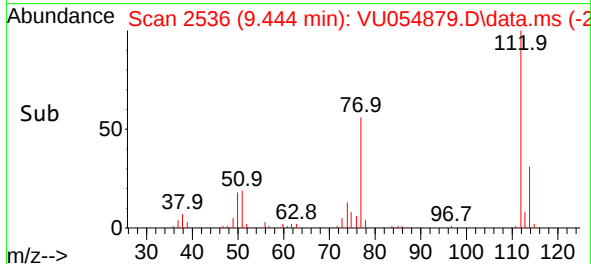
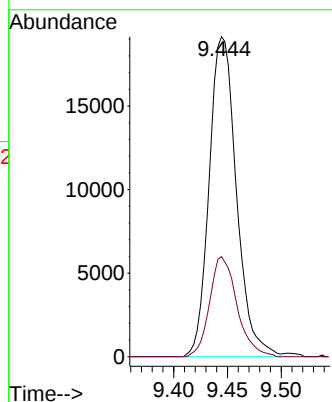
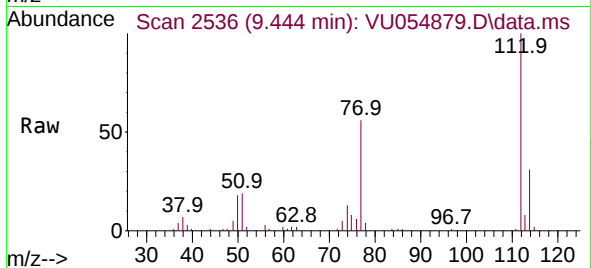
VU0726WBSD01

Tgt Ion:112 Resp: 33791

Ion Ratio Lower Upper

112 100

114 31.2 25.0 37.6



#60

1,1,1,2-Tetrachloroethane

Concen: 1.646 ug/l

RT: 9.528 min Scan# 2562

Delta R.T. -0.003 min

Lab File: VU054879.D

Acq: 26 Jul 2023 16:30

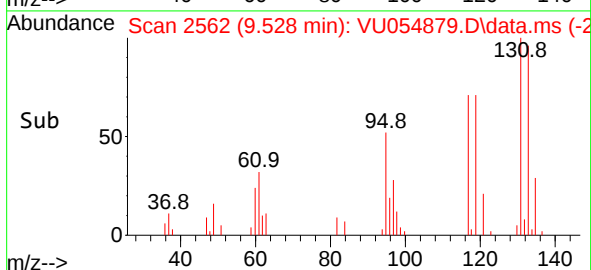
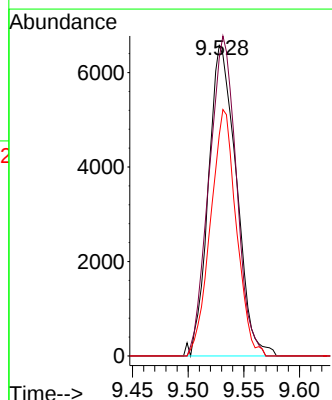
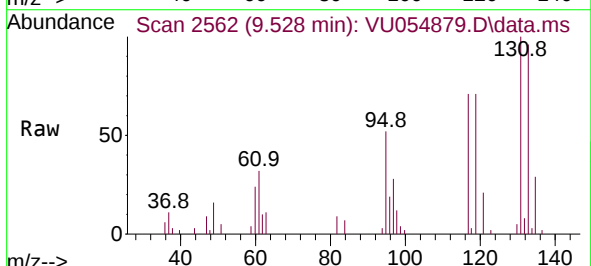
Tgt Ion:131 Resp: 11480

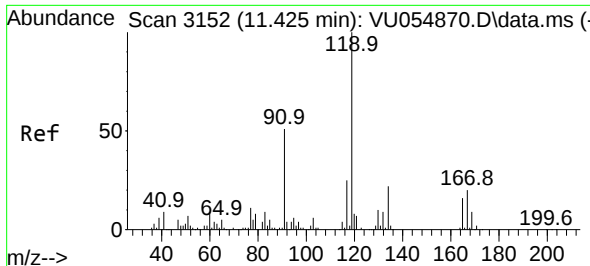
Ion Ratio Lower Upper

131 100

133 100.3 74.2 111.4

119 73.0 51.0 76.4

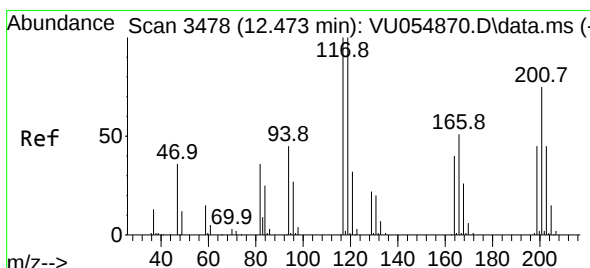
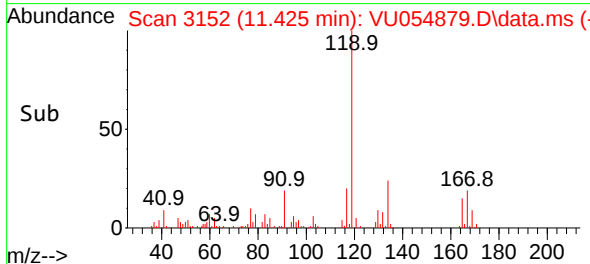
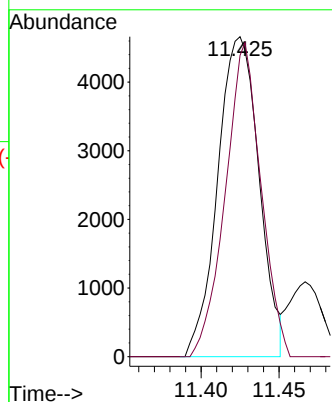
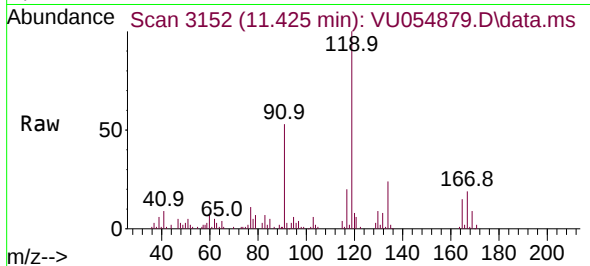




#61
Pentachloroethane
Concen: 1.575 ug/l
RT: 11.425 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VU054879.D
Acq: 26 Jul 2023 16:30

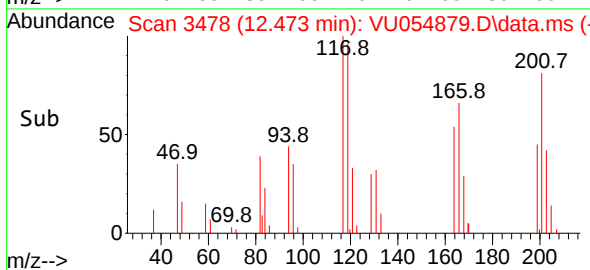
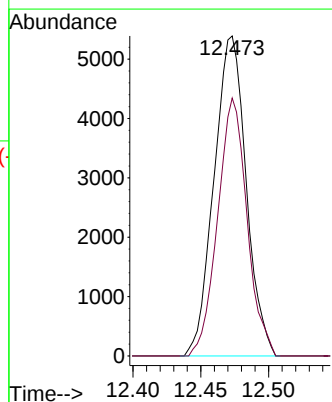
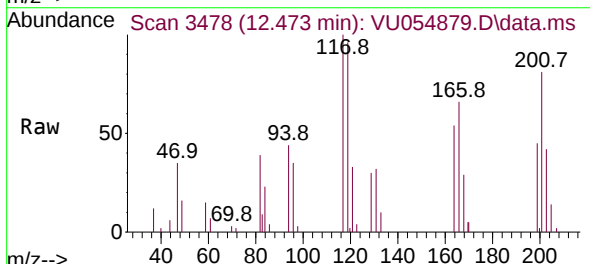
Instrument :
MSVOA_U
ClientSampleId :
VU0726WBSD01

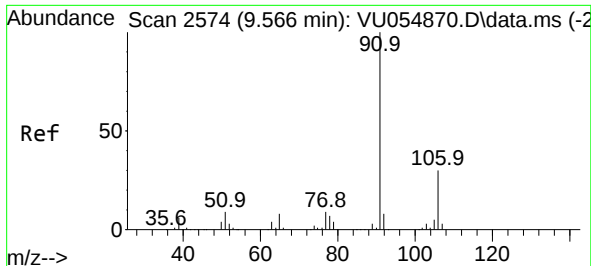
Tgt Ion:117 Resp: 8584
Ion Ratio Lower Upper
117 100
167 84.5 65.3 97.9



#62
Hexachloroethane
Concen: 1.586 ug/l
RT: 12.473 min Scan# 3478
Delta R.T. 0.000 min
Lab File: VU054879.D
Acq: 26 Jul 2023 16:30

Tgt Ion:117 Resp: 8891
Ion Ratio Lower Upper
117 100
201 73.7 56.1 84.1

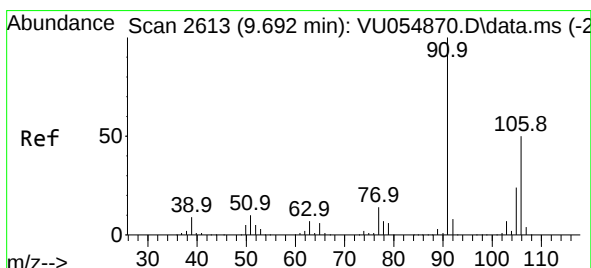
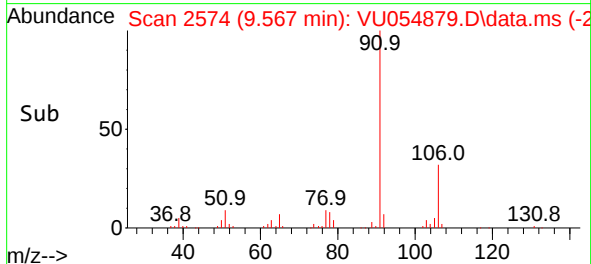
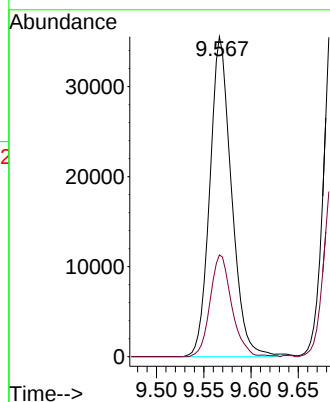
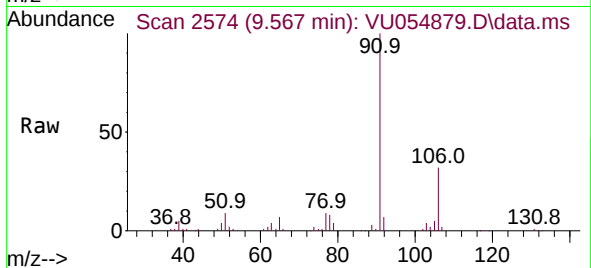




#63
Ethyl Benzene
Concen: 1.709 ug/l
RT: 9.567 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU054879.D
Acq: 26 Jul 2023 16:30

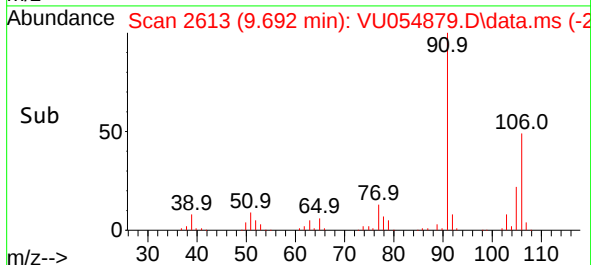
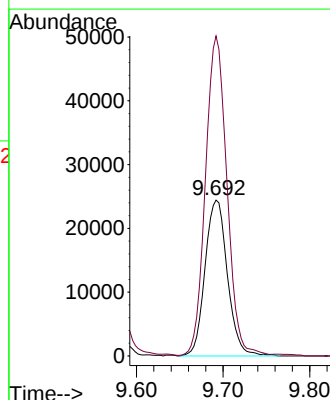
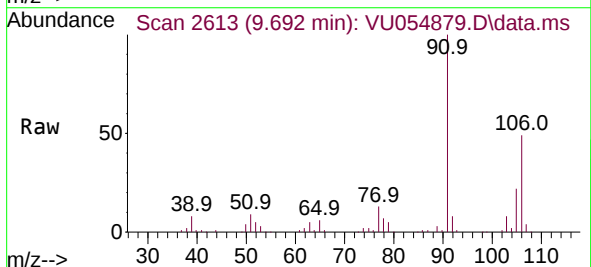
Instrument :
MSVOA_U
ClientSampleId :
VU0726WBSD01

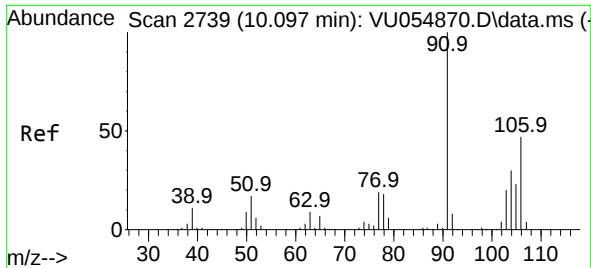
Tgt Ion: 91 Resp: 56676
Ion Ratio Lower Upper
91 100
106 31.8 24.2 36.2



#64
m/p-Xylenes
Concen: 3.545 ug/l
RT: 9.692 min Scan# 2613
Delta R.T. 0.000 min
Lab File: VU054879.D
Acq: 26 Jul 2023 16:30

Tgt Ion:106 Resp: 43976
Ion Ratio Lower Upper
106 100
91 195.8 158.8 238.2

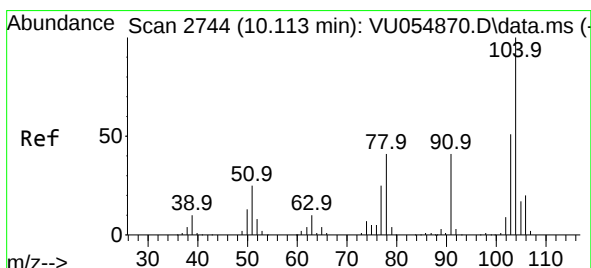
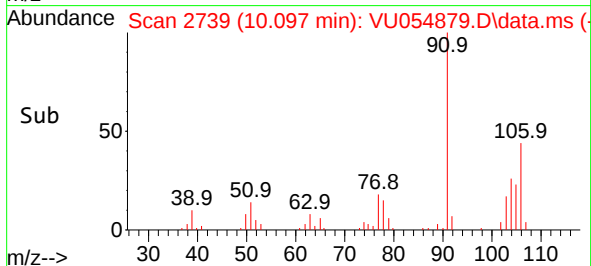
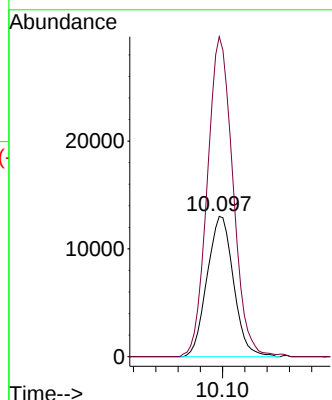
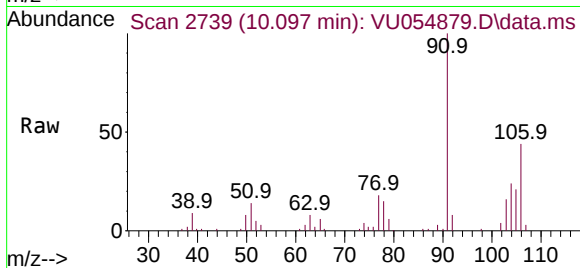




#65
o-Xylene
Concen: 1.686 ug/l
RT: 10.097 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU054879.D
Acq: 26 Jul 2023 16:30

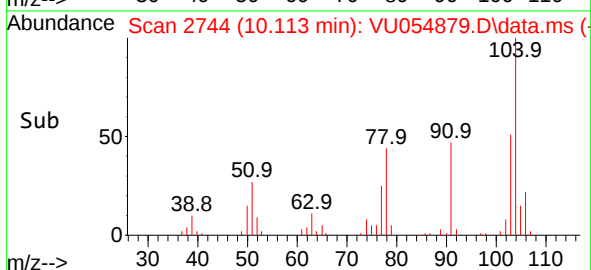
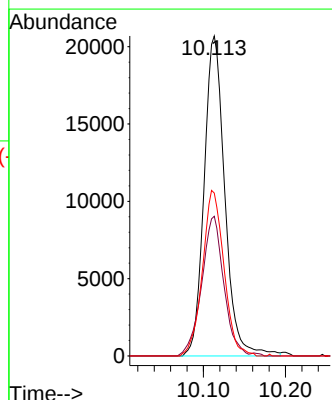
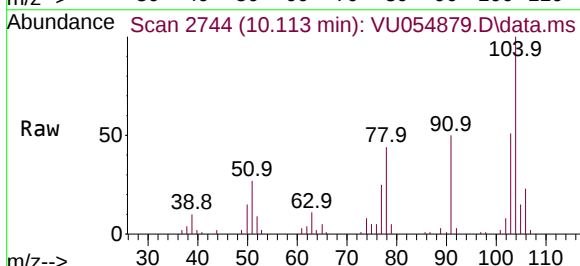
Instrument :
MSVOA_U
ClientSampleId :
VU0726WBSD01

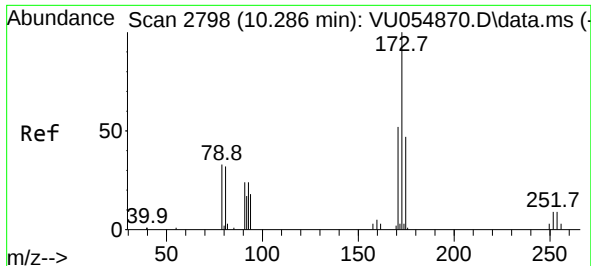
Tgt Ion:106 Resp: 21489
Ion Ratio Lower Upper
106 100
91 221.2 108.9 326.8



#66
Styrene
Concen: 1.785 ug/l
RT: 10.113 min Scan# 2744
Delta R.T. 0.000 min
Lab File: VU054879.D
Acq: 26 Jul 2023 16:30

Tgt Ion:104 Resp: 36370
Ion Ratio Lower Upper
104 100
78 46.4 37.5 56.3
103 53.5 45.2 67.8

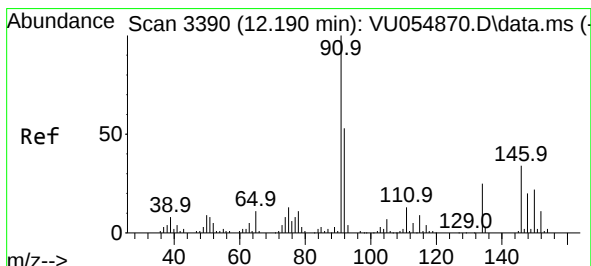
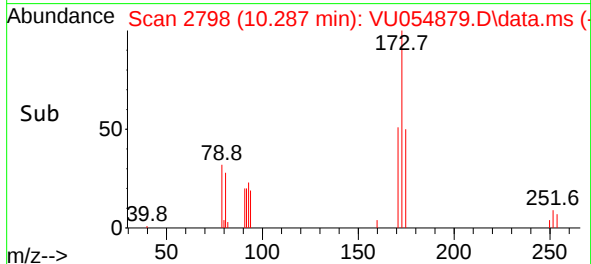
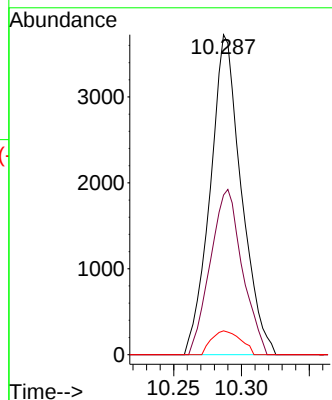
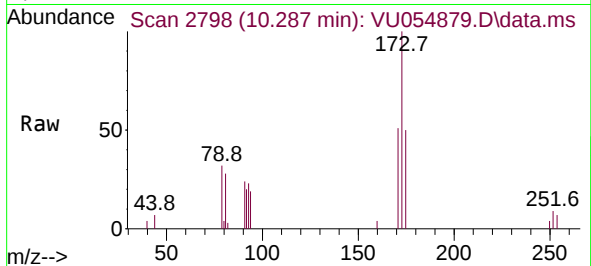




#67
Bromoform
Concen: 1.860 ug/l
RT: 10.287 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU054879.D
Acq: 26 Jul 2023 16:30

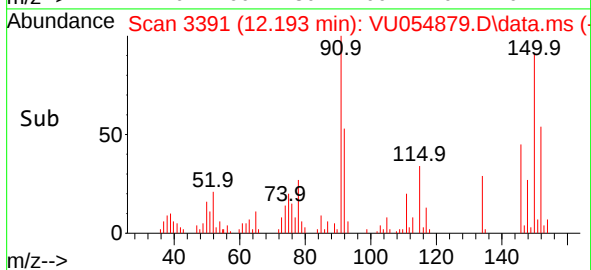
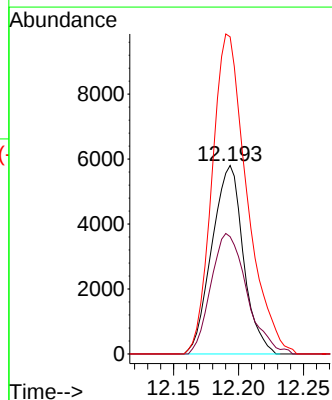
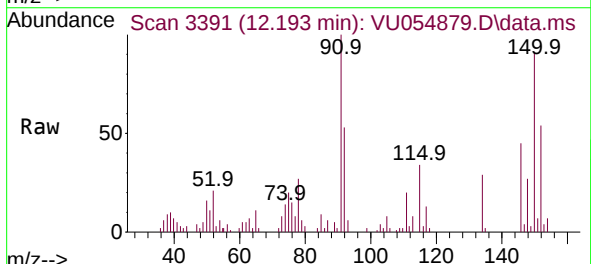
Instrument :
MSVOA_U
ClientSampleId :
VU0726WBSD01

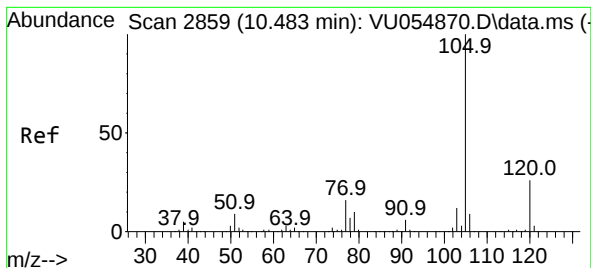
Tgt Ion:173 Resp: 5945
Ion Ratio Lower Upper
173 100
175 53.0 39.0 58.6
254 7.0 7.4 11.0#



#68
1,2-Dichlorobenzene-d4
Concen: 1.006 ug/l
RT: 12.193 min Scan# 3391
Delta R.T. 0.004 min
Lab File: VU054879.D
Acq: 26 Jul 2023 16:30

Tgt Ion:152 Resp: 9786
Ion Ratio Lower Upper
152 100
115 72.9 0.0 234.8
150 187.5 0.0 598.2





#69

Isopropylbenzene

Concen: 1.731 ug/l

RT: 10.483 min Scan# 2859

Delta R.T. 0.000 min

Lab File: VU054879.D

Acq: 26 Jul 2023 16:30

Instrument :

MSVOA_U

ClientSampleId :

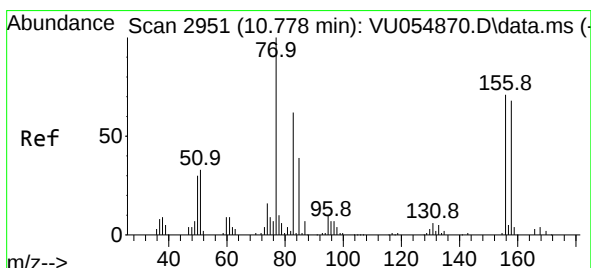
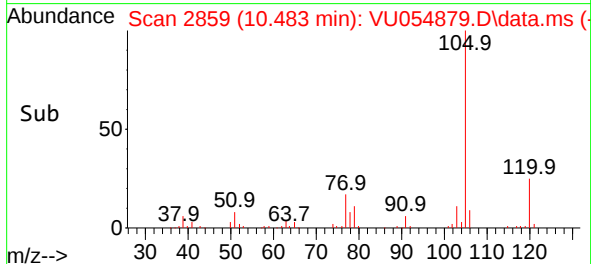
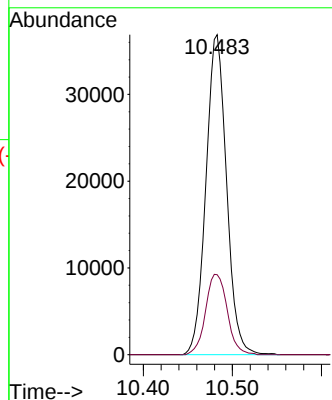
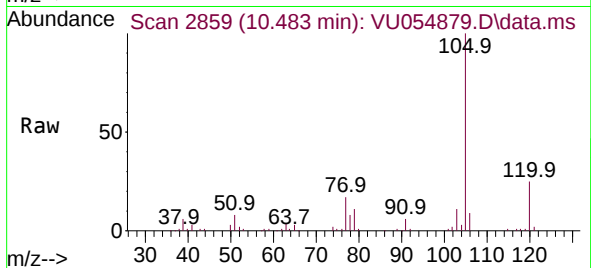
VU0726WBSD01

Tgt Ion:105 Resp: 59221

Ion Ratio Lower Upper

105 100

120 26.4 12.6 37.6



#70

1,1,2,2-Tetrachloroethane

Concen: 1.863 ug/l

RT: 10.779 min Scan# 2951

Delta R.T. 0.000 min

Lab File: VU054879.D

Acq: 26 Jul 2023 16:30

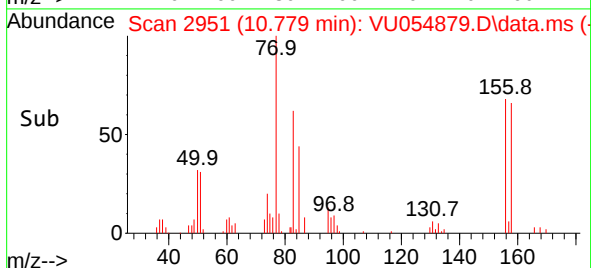
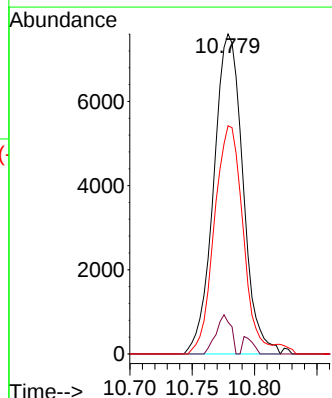
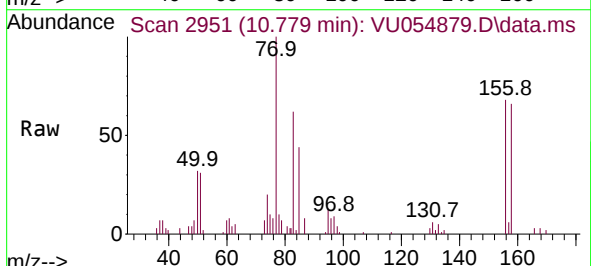
Tgt Ion: 83 Resp: 12405

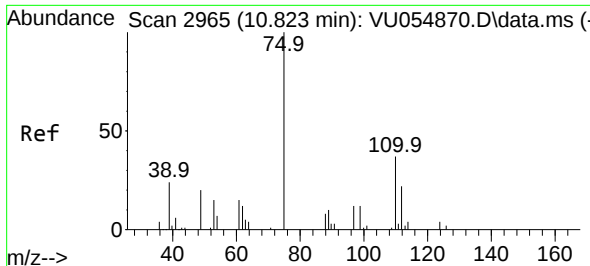
Ion Ratio Lower Upper

83 100

131 6.3 7.5 11.3#

85 70.0 53.0 79.6

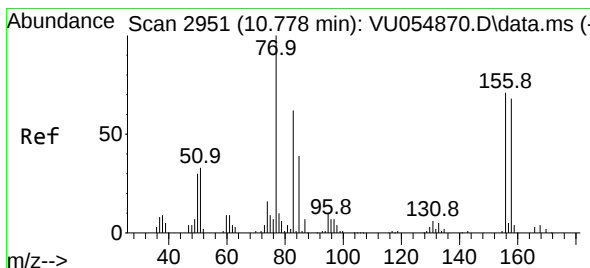
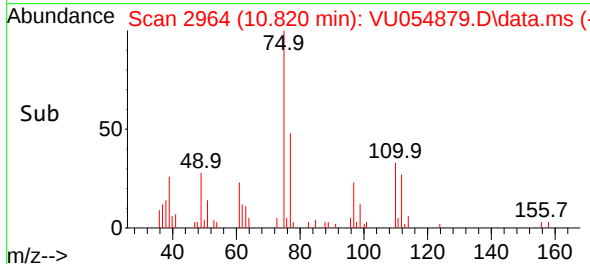
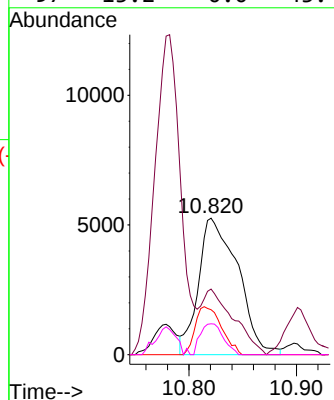
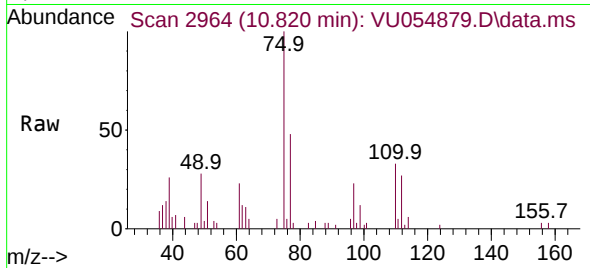




#71
1,2,3-Trichloropropane
Concen: 2.828 ug/l
RT: 10.820 min Scan# 2964
Delta R.T. -0.003 min
Lab File: VU054879.D
Acq: 26 Jul 2023 16:30

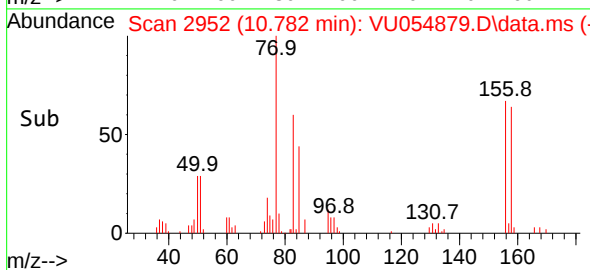
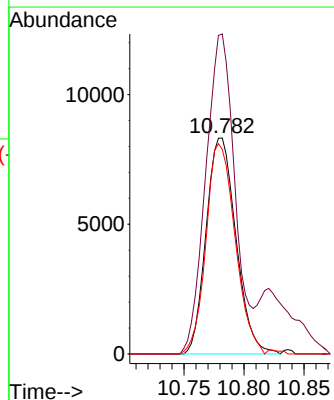
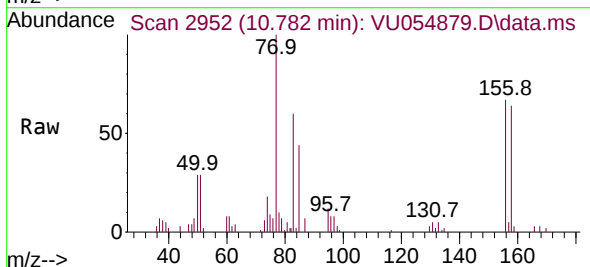
Instrument :
MSVOA_U
ClientSampleId :
VU0726WBSD01

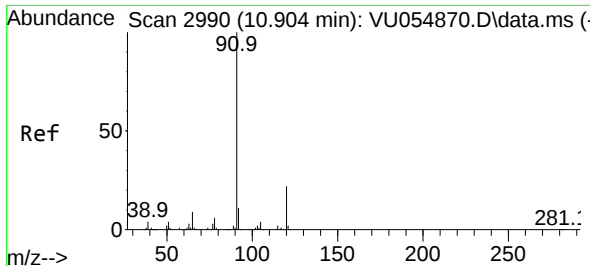
Tgt Ion:	75	Resp:	13415
Ion	Ratio	Lower	Upper
75	100		
77	36.0	0.0	0.0#
110	23.4	0.0	80.8
97	13.2	0.0	43.4



#72
Bromobenzene
Concen: 1.892 ug/l
RT: 10.782 min Scan# 2952
Delta R.T. 0.004 min
Lab File: VU054879.D
Acq: 26 Jul 2023 16:30

Tgt Ion:	156	Resp:	14409
Ion	Ratio	Lower	Upper
156	100		
77	144.4	0.0	293.2
158	94.9	0.0	189.8

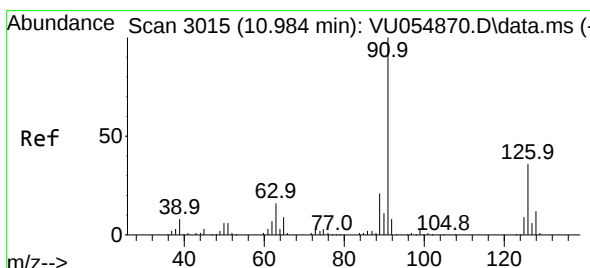
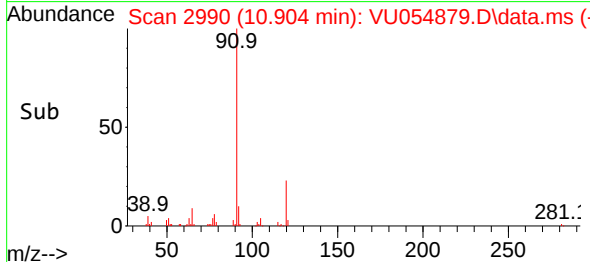
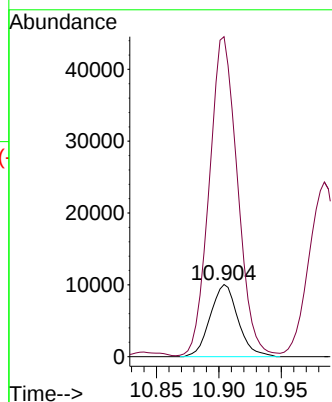
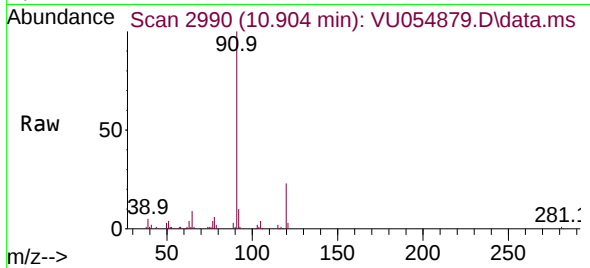




#73
n-propylbenzene
Concen: 1.702 ug/l
RT: 10.904 min Scan# 2990
Delta R.T. 0.000 min
Lab File: VU054879.D
Acq: 26 Jul 2023 16:30

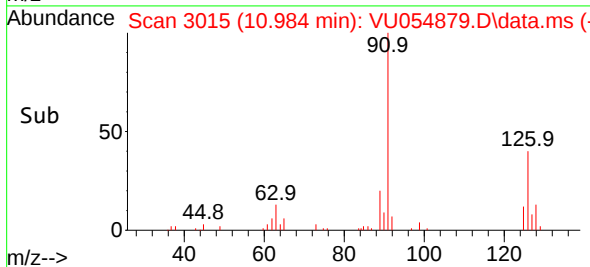
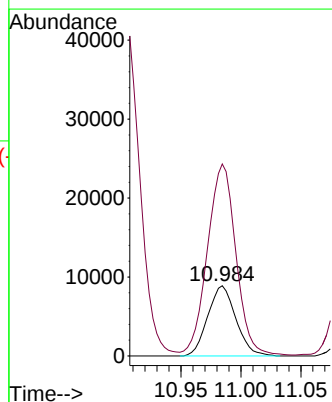
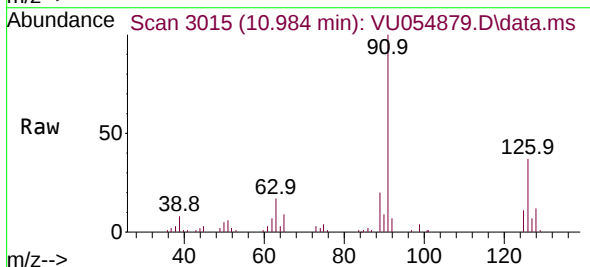
Instrument :
MSVOA_U
ClientSampleId :
VU0726WBSD01

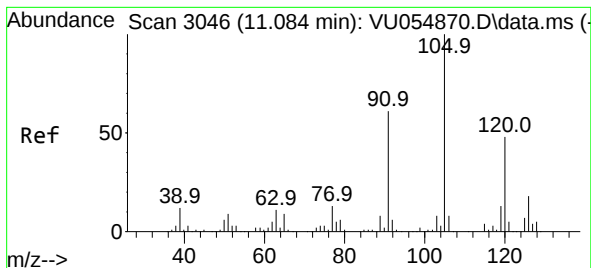
Tgt Ion:120 Resp: 15579
Ion Ratio Lower Upper
120 100
91 448.2 361.8 542.6



#74
2-Chlorotoluene
Concen: 1.828 ug/l
RT: 10.984 min Scan# 3015
Delta R.T. 0.000 min
Lab File: VU054879.D
Acq: 26 Jul 2023 16:30

Tgt Ion:126 Resp: 14489
Ion Ratio Lower Upper
126 100
91 274.5 0.0 561.4





#75

1,3,5-Trimethylbenzene

Concen: 1.697 ug/l

RT: 11.084 min Scan# 3046

Delta R.T. 0.000 min

Lab File: VU054879.D

Acq: 26 Jul 2023 16:30

Instrument :

MSVOA_U

ClientSampleId :

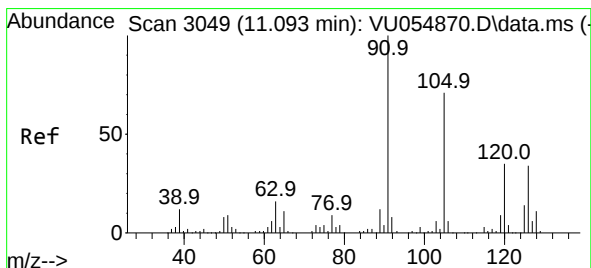
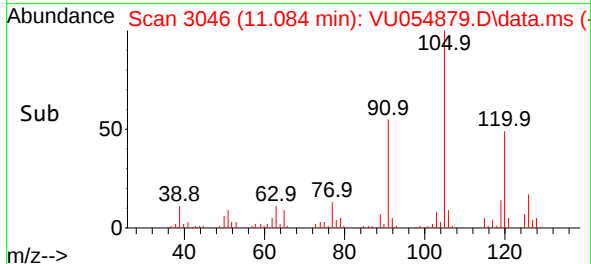
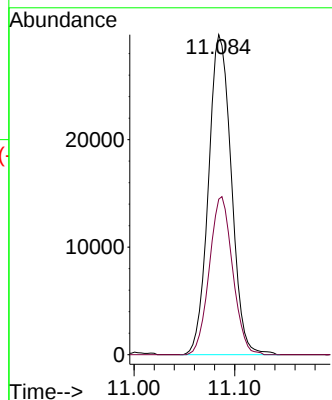
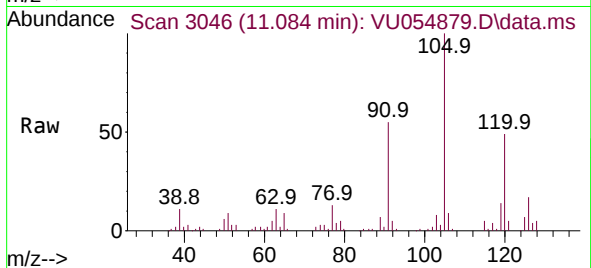
VU0726WBSD01

Tgt Ion:105 Resp: 47009

Ion Ratio Lower Upper

105 100

120 50.2 39.0 58.4



#76

4-Chlorotoluene

Concen: 1.785 ug/l

RT: 11.097 min Scan# 3050

Delta R.T. 0.004 min

Lab File: VU054879.D

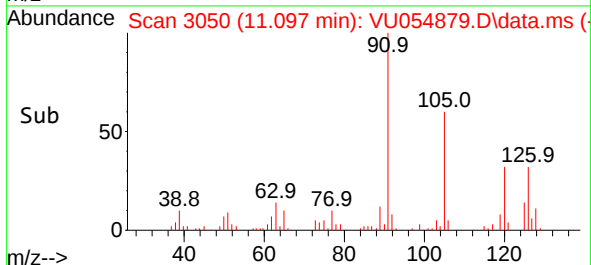
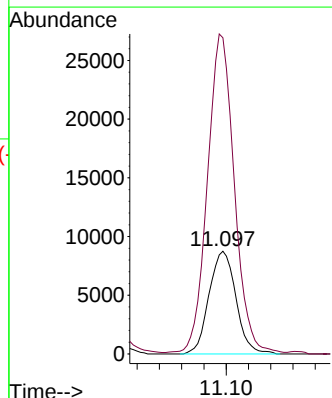
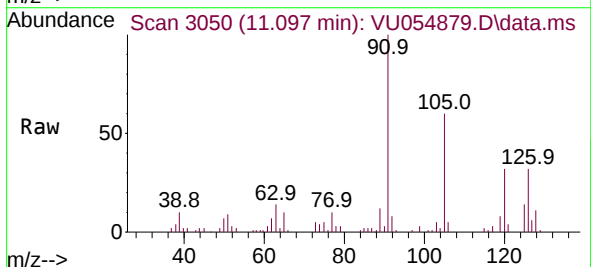
Acq: 26 Jul 2023 16:30

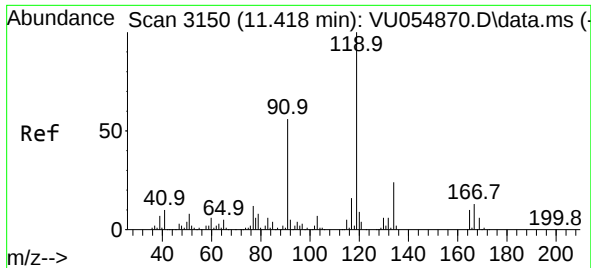
Tgt Ion:126 Resp: 14695

Ion Ratio Lower Upper

126 100

91 308.0 0.0 623.4

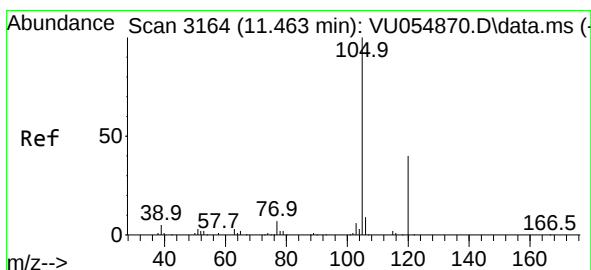
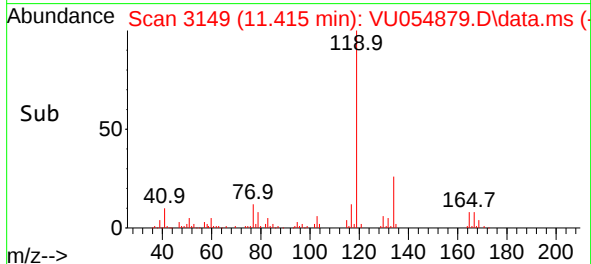
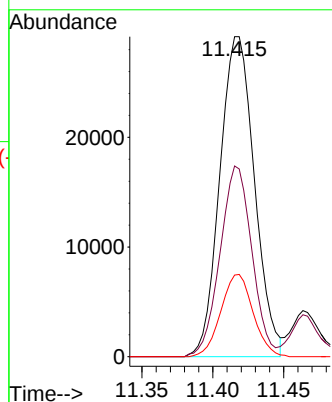
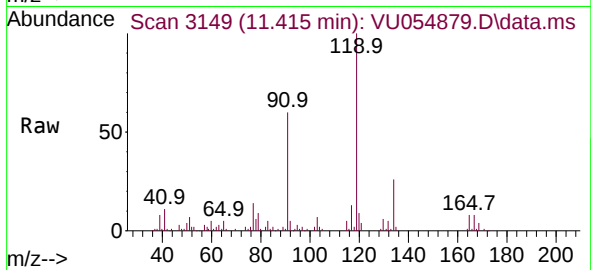




#77
 tert-Butylbenzene
 Concen: 1.727 ug/l
 RT: 11.415 min Scan# 3149
 Delta R.T. -0.003 min
 Lab File: VU054879.D
 Acq: 26 Jul 2023 16:30

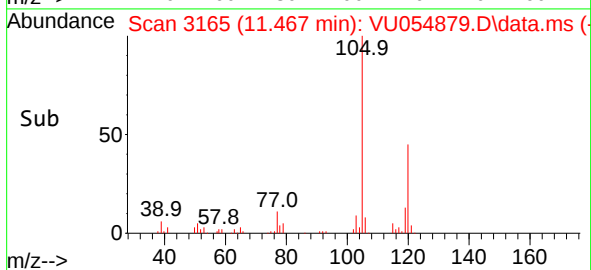
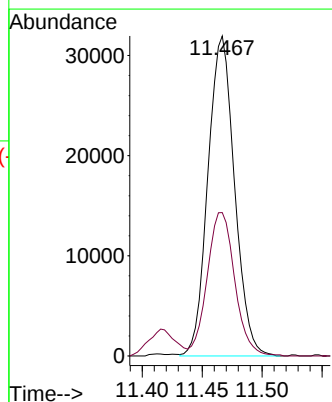
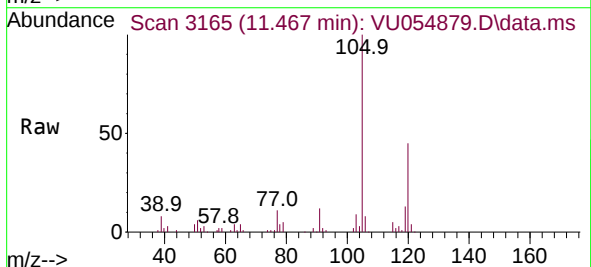
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0726WBSD01

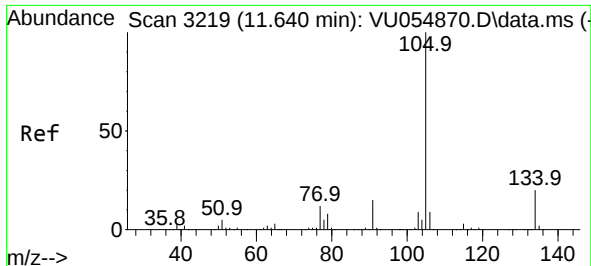
Tgt Ion:119 Resp: 49741
 Ion Ratio Lower Upper
 119 100
 91 54.6 27.7 83.1
 134 23.9 18.6 27.8



#78
 1,2,4-Trimethylbenzene
 Concen: 1.738 ug/l
 RT: 11.467 min Scan# 3165
 Delta R.T. 0.004 min
 Lab File: VU054879.D
 Acq: 26 Jul 2023 16:30

Tgt Ion:105 Resp: 49292
 Ion Ratio Lower Upper
 105 100
 120 46.5 22.4 67.3

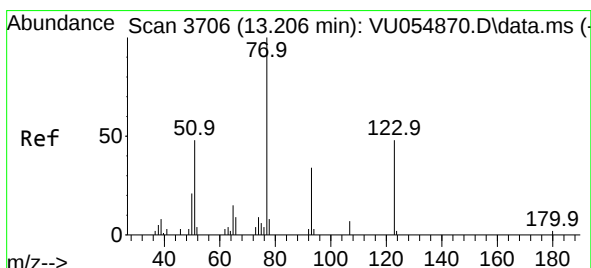
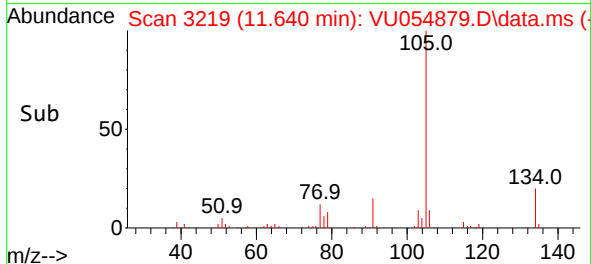
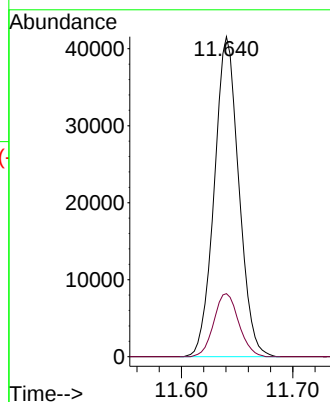
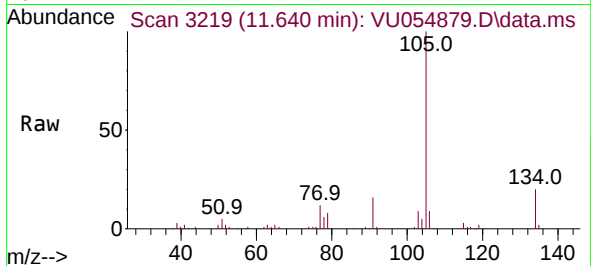




#79
 sec-Butylbenzene
 Concen: 1.697 ug/l
 RT: 11.640 min Scan# 3219
 Delta R.T. 0.000 min
 Lab File: VU054879.D
 Acq: 26 Jul 2023 16:30

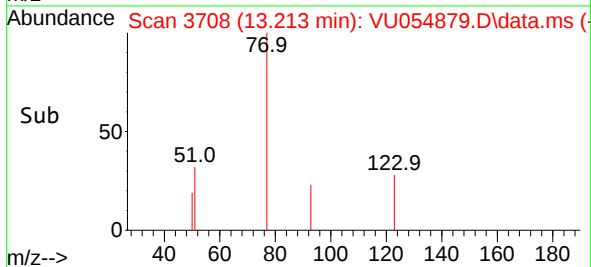
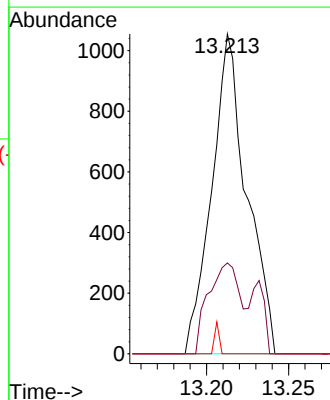
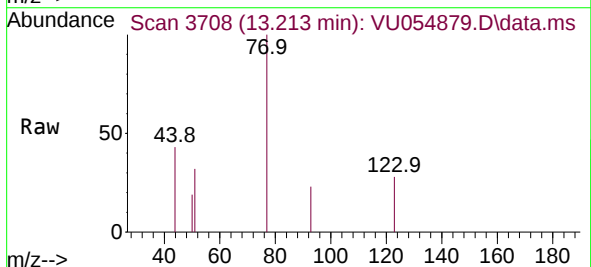
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0726WBSD01

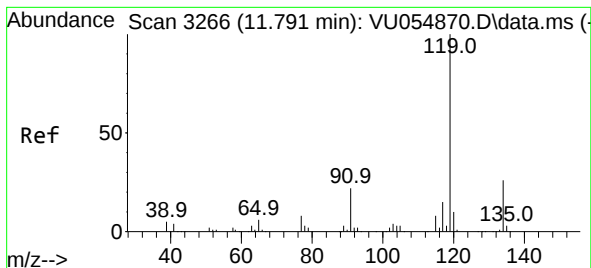
Tgt Ion:105 Resp: 63562
 Ion Ratio Lower Upper
 105 100
 134 20.0 15.7 23.5



#80
 Nitrobenzene
 Concen: 8.910 ug/l
 RT: 13.213 min Scan# 3708
 Delta R.T. 0.007 min
 Lab File: VU054879.D
 Acq: 26 Jul 2023 16:30

Tgt Ion: 77 Resp: 1559
 Ion Ratio Lower Upper
 77 100
 123 16.8 20.2 71.8#
 65 1.3 11.7 14.9#





#81

p-Isopropyltoluene

Concen: 1.710 ug/l

RT: 11.791 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU054879.D

Acq: 26 Jul 2023 16:30

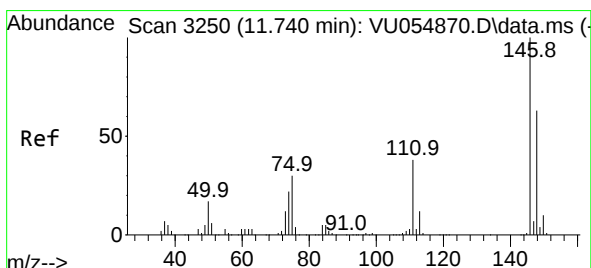
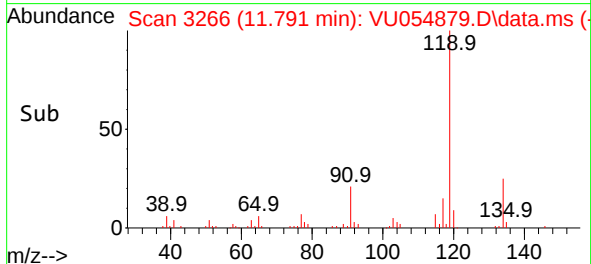
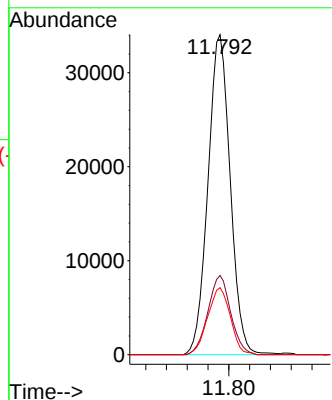
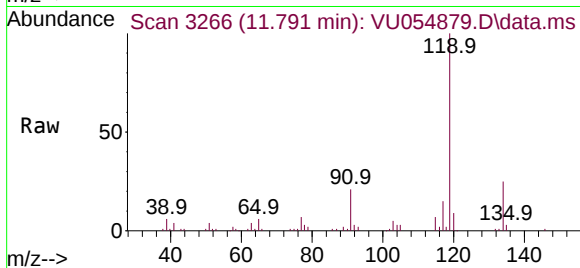
Instrument :

MSVOA_U

ClientSampleId :

VU0726WBSD01

Tgt Ion:119	Resp:	50537
Ion Ratio	Lower	Upper
119	100	
134	25.3	20.6 31.0
91	21.4	18.2 27.4



#82

1,3-Dichlorobenzene

Concen: 1.839 ug/l

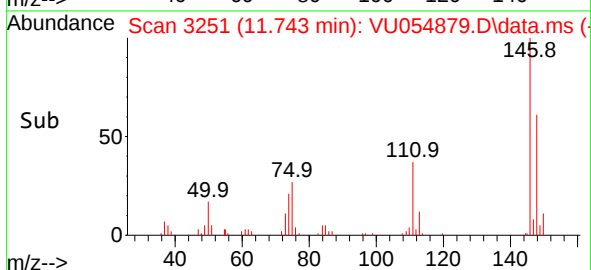
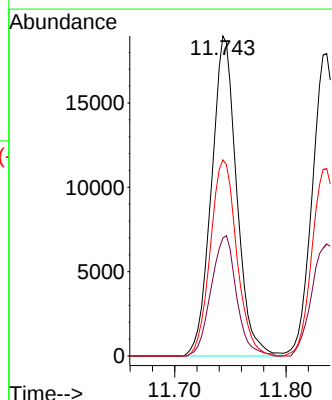
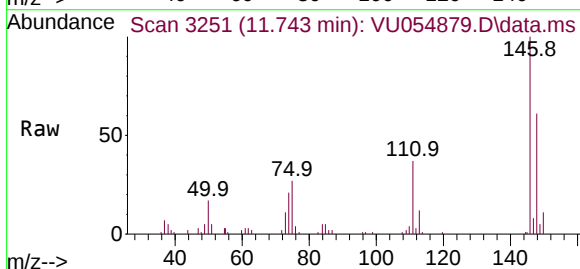
RT: 11.743 min Scan# 3251

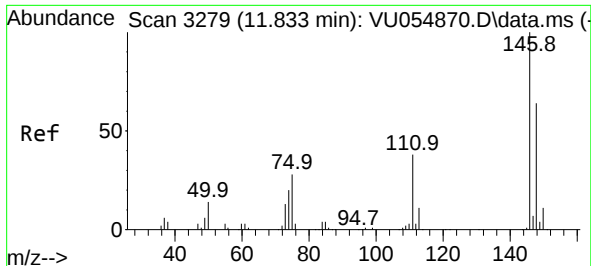
Delta R.T. 0.004 min

Lab File: VU054879.D

Acq: 26 Jul 2023 16:30

Tgt Ion:146	Resp:	29823
Ion Ratio	Lower	Upper
146	100	
111	37.8	30.5 45.7
148	63.9	51.0 76.6





#83

1,4-Dichlorobenzene

Concen: 1.793 ug/l

RT: 11.837 min Scan# 31

Delta R.T. 0.004 min

Lab File: VU054879.D

Acq: 26 Jul 2023 16:30

Instrument :

MSVOA_U

ClientSampleId :

VU0726WBSD01

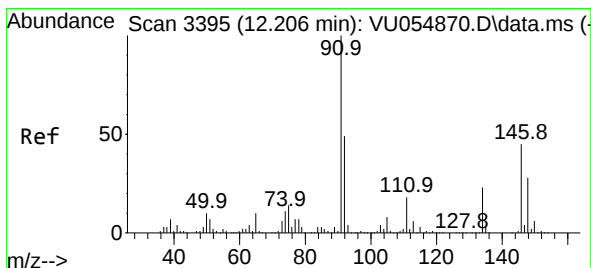
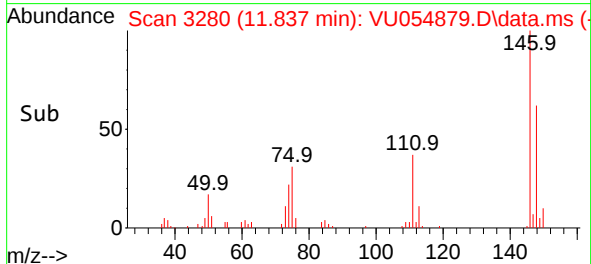
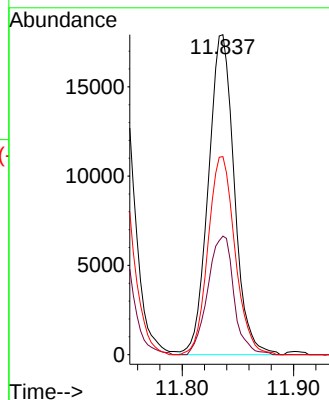
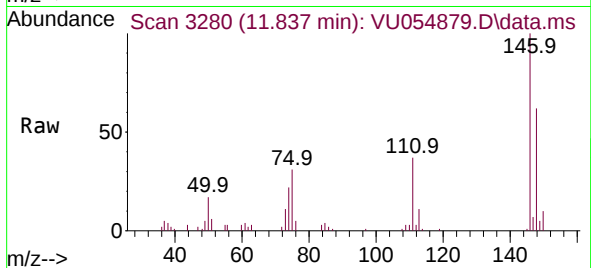
Tgt Ion:146 Resp: 28979

Ion Ratio Lower Upper

146 100

111 37.2 29.5 44.3

148 64.3 51.2 76.8



#84

n-Butylbenzene

Concen: 1.714 ug/l

RT: 12.206 min Scan# 3395

Delta R.T. 0.000 min

Lab File: VU054879.D

Acq: 26 Jul 2023 16:30

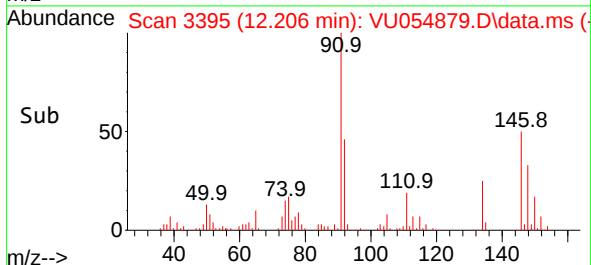
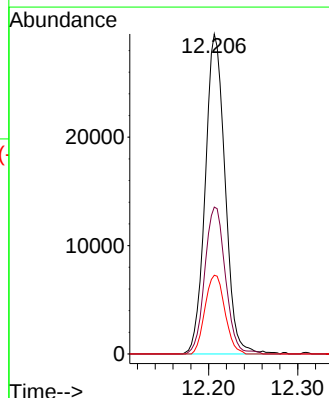
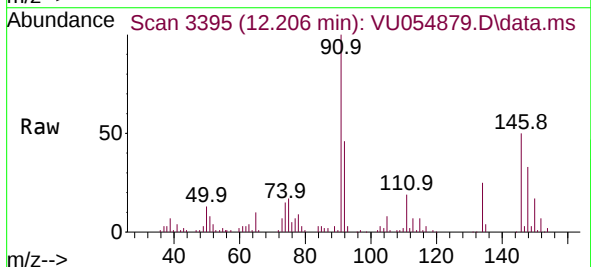
Tgt Ion: 91 Resp: 45510

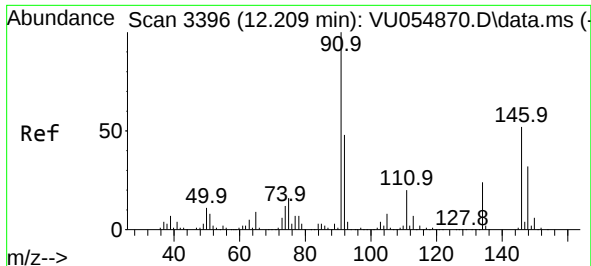
Ion Ratio Lower Upper

91 100

92 47.9 39.8 59.8

134 24.7 20.2 30.4

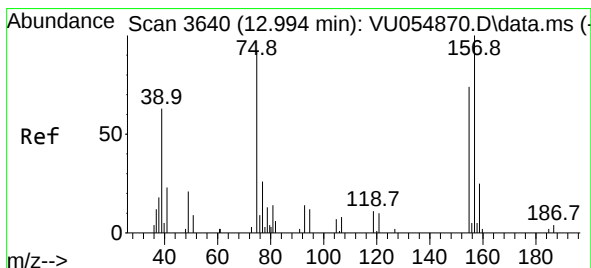
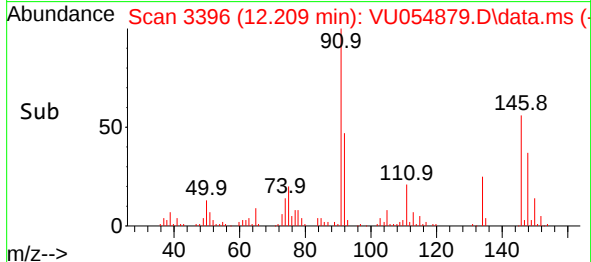
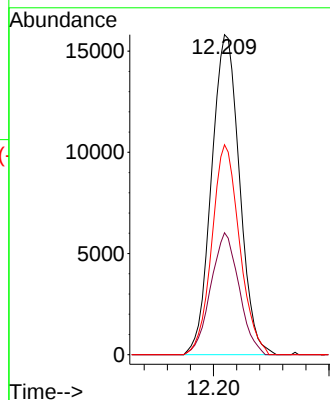
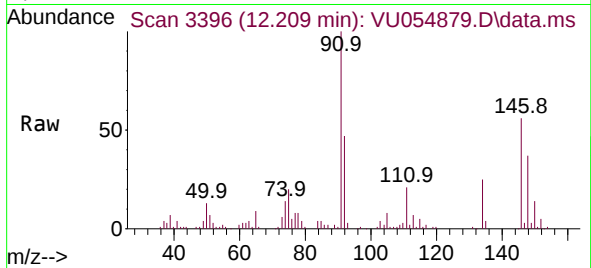




#85
1,2-Dichlorobenzene
Concen: 1.715 ug/l
RT: 12.209 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU054879.D
Acq: 26 Jul 2023 16:30

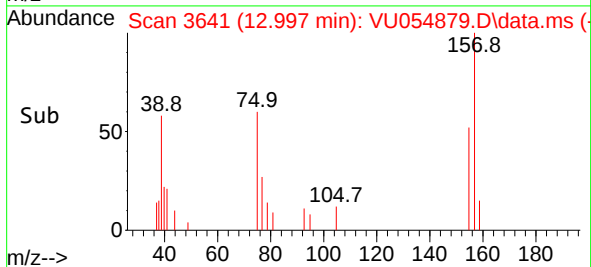
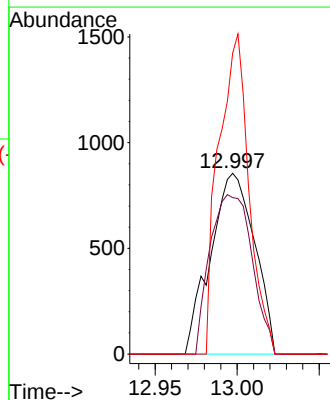
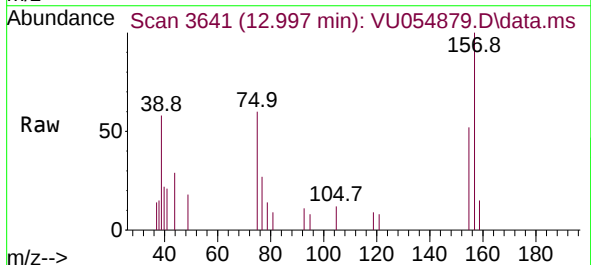
Instrument :
MSVOA_U
ClientSampleId :
VU0726WBSD01

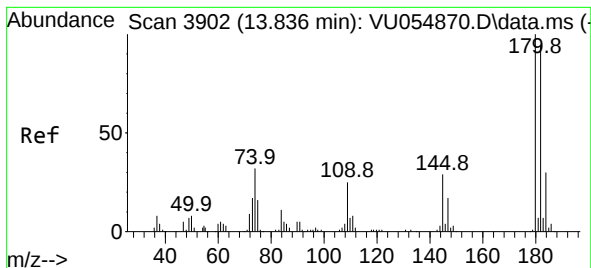
Tgt Ion:	146	Resp:	26655
Ion	Ratio	Lower	Upper
146	100		
111	38.5	19.8	59.4
148	64.9	31.8	95.3



#86
1,2-Dibromo-3-Chloropropane
Concen: 1.805 ug/l
RT: 12.997 min Scan# 3641
Delta R.T. 0.004 min
Lab File: VU054879.D
Acq: 26 Jul 2023 16:30

Tgt Ion:	75	Resp:	1598
Ion	Ratio	Lower	Upper
75	100		
155	84.1	74.8	112.2
157	121.5	97.4	146.0





#87

1,2,4-Trichlorobenzene

Concen: 1.725 ug/l

RT: 13.836 min Scan# 3902

Delta R.T. 0.000 min

Lab File: VU054879.D

Acq: 26 Jul 2023 16:30

Instrument :

MSVOA_U

ClientSampleId :

VU0726WBSD01

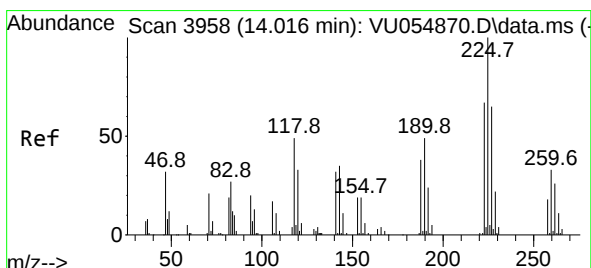
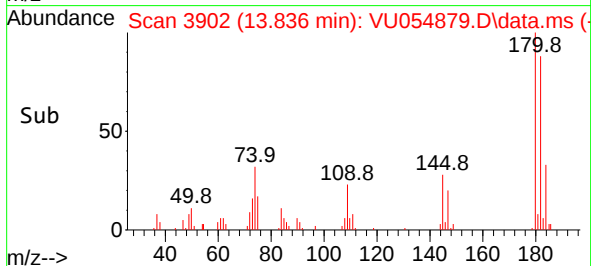
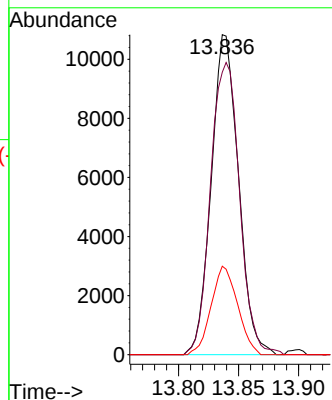
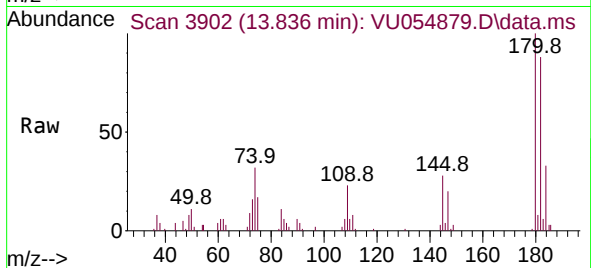
Tgt Ion:180 Resp: 17099

Ion Ratio Lower Upper

180 100

182 97.4 77.0 115.6

145 26.9 23.4 35.0



#88

Hexachlorobutadiene

Concen: 1.720 ug/l

RT: 14.017 min Scan# 3958

Delta R.T. 0.000 min

Lab File: VU054879.D

Acq: 26 Jul 2023 16:30

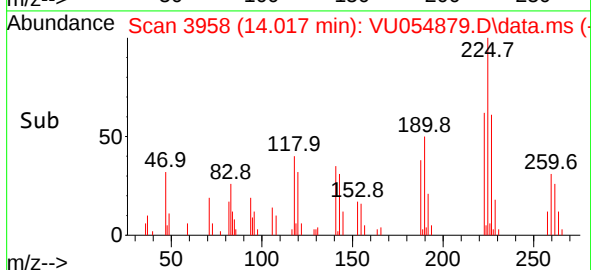
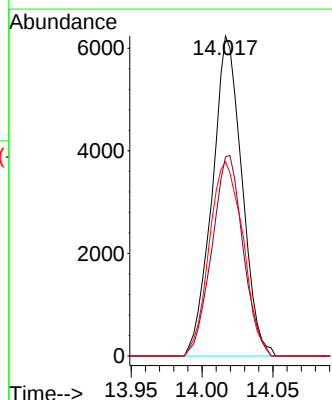
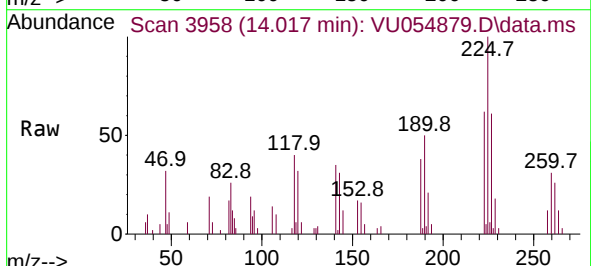
Tgt Ion:225 Resp: 9093

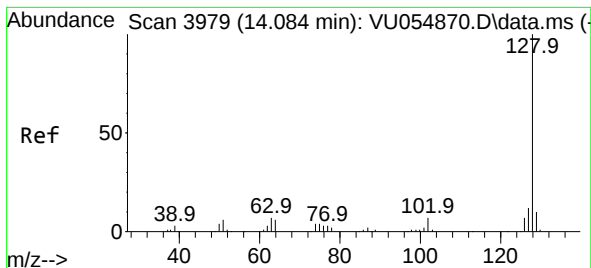
Ion Ratio Lower Upper

225 100

223 65.7 50.6 76.0

227 68.9 50.7 76.1





#89

Naphthalene

Concen: 2.025 ug/l

RT: 14.084 min Scan# 31092

Delta R.T. 0.000 min

Lab File: VU054879.D

Acq: 26 Jul 2023 16:30

Instrument :

MSVOA_U

ClientSampleId :

VU0726WBSD01

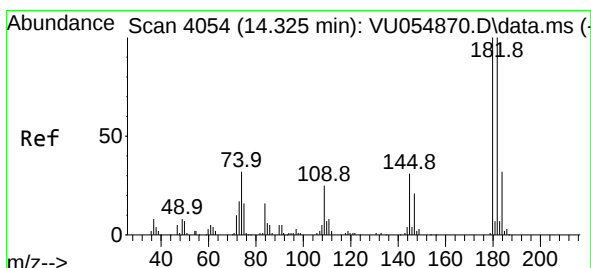
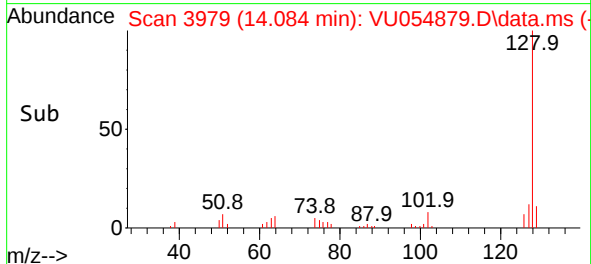
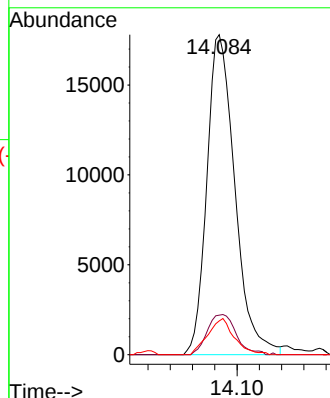
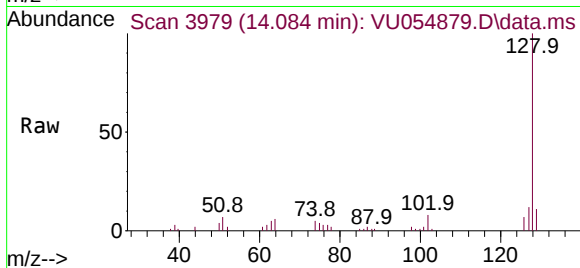
Tgt Ion:128 Resp: 31092

Ion Ratio Lower Upper

128 100

127 12.9 10.6 15.8

129 10.7 8.7 13.1



#90

1,2,3-Trichlorobenzene

Concen: 1.796 ug/l

RT: 14.328 min Scan# 4055

Delta R.T. 0.004 min

Lab File: VU054879.D

Acq: 26 Jul 2023 16:30

Tgt Ion:180 Resp: 15797

Ion Ratio Lower Upper

180 100

182 97.8 76.0 114.0

145 31.8 24.3 36.5

