

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072523\
 Data File : VU054872.D
 Acq On : 25 Jul 2023 17:34
 Operator : MD/SY
 Sample : VIBLK
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 28 03:05:09 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	27018	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.631	95	8158	0.996	ug/l	0.00
Spiked Amount 1.000			Recovery	=	100.000%	
68) 1,2-Dichlorobenzene-d4	12.193	152	8923	0.964	ug/l	0.00
Spiked Amount 1.000			Recovery	=	96.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	123	0.024	ug/l #	42
3) Chloromethane	1.522	50	578	0.100	ug/l #	84
4) Vinyl Chloride	1.599	62	525	0.068	ug/l	92
5) Bromomethane	1.856	94	1050	0.171	ug/l	90
6) Chloroethane	1.936	64	395	0.050	ug/l #	79
7) Trichlorofluoromethane	2.136	101	676	0.037	ug/l #	17
9) 1,1-Dichloroethene	2.579	96	396	0.085	ug/l	30
10) Iodomethane	2.718	142	222	0.030	ug/l	87
11) Allyl Chloride	2.920	41	428	0.077	ug/l	100
12) Acrylonitrile	3.361	53	20	0.017	ug/l #	18
13) Acetone	2.657	43	299	0.244	ug/l	91
14) Carbon Disulfide	2.782	76	1672	0.207	ug/l #	75
15) Methylene Chloride	3.042	84	2497	0.370	ug/l #	90
16) trans-1,2-Dichloroethene	3.348	96	169	0.033	ug/l #	63
17) 1,1-Dichloroethane	3.866	63	221	0.019	ug/l #	81
18) 2-Butanone	4.695	43	76	0.049	ug/l	72
19) Cyclohexane	5.386	56	87	0.014	ug/l #	59
20) Methylcyclohexane	6.753	83	161	0.019	ug/l #	35
21) 2,2-Dichloropropane	4.653	77	563	0.053	ug/l #	53
22) cis-1,2-Dichloroethene	4.666	96	265	0.039	ug/l #	1
23) Diethyl Ether	2.380	59	132	0.019	ug/l #	1
24) tert-Butyl Alcohol	3.184	59	9281	14.497	ug/l #	93
25) Methyl tert-Butyl Ether	3.174	73	317	0.022	ug/l #	1
26) Bromochloromethane	4.988	128	73	0.026	ug/l #	9
27) Chloroform	5.087	83	295	0.024	ug/l	77
29) 1,1-Dichloropropene	5.531	75	405	0.052	ug/l #	40
30) Carbon Tetrachloride	5.528	117	109	0.012	ug/l #	69
31) Isopropyl Ether	3.965	45	97	0.006	ug/l	98
32) Ethyl-t-butyl ether	4.502	59	82	0.005	ug/l #	31
33) Tert-Amyl methyl ether	5.936	73	21	0.001	ug/l #	57
35) Benzene	5.785	78	710	0.029	ug/l	96
36) 1,2-Dichloroethane	5.804	62	193	0.028	ug/l #	73
37) Trichloroethene	6.541	130	529	0.081	ug/l	85
38) 1,2-Dichloropropane	6.795	63	21	0.003	ug/l #	44
39) Methacrylonitrile	4.959	41	42	0.025	ug/l #	34
40) Methyl acrylate	4.984	55	21	0.008	ug/l #	1
41) Tetrahydrofuran	5.100	42	59	0.060	ug/l #	27
42) 1-Chlorobutane	5.464	56	296	0.029	ug/l	91
43) Dibromomethane	6.914	93	87	0.027	ug/l #	42
44) Bromodichloromethane	7.107	83	406	0.045	ug/l #	64
45) 4-Methyl-2-Pentanone	7.798	43	2381	0.632	ug/l	93
46) t-1,4-Dichloro-2-butene	10.823	75	478	0.315	ug/l #	44
48) Ethyl methacrylate	8.338	69	462	0.077	ug/l	77

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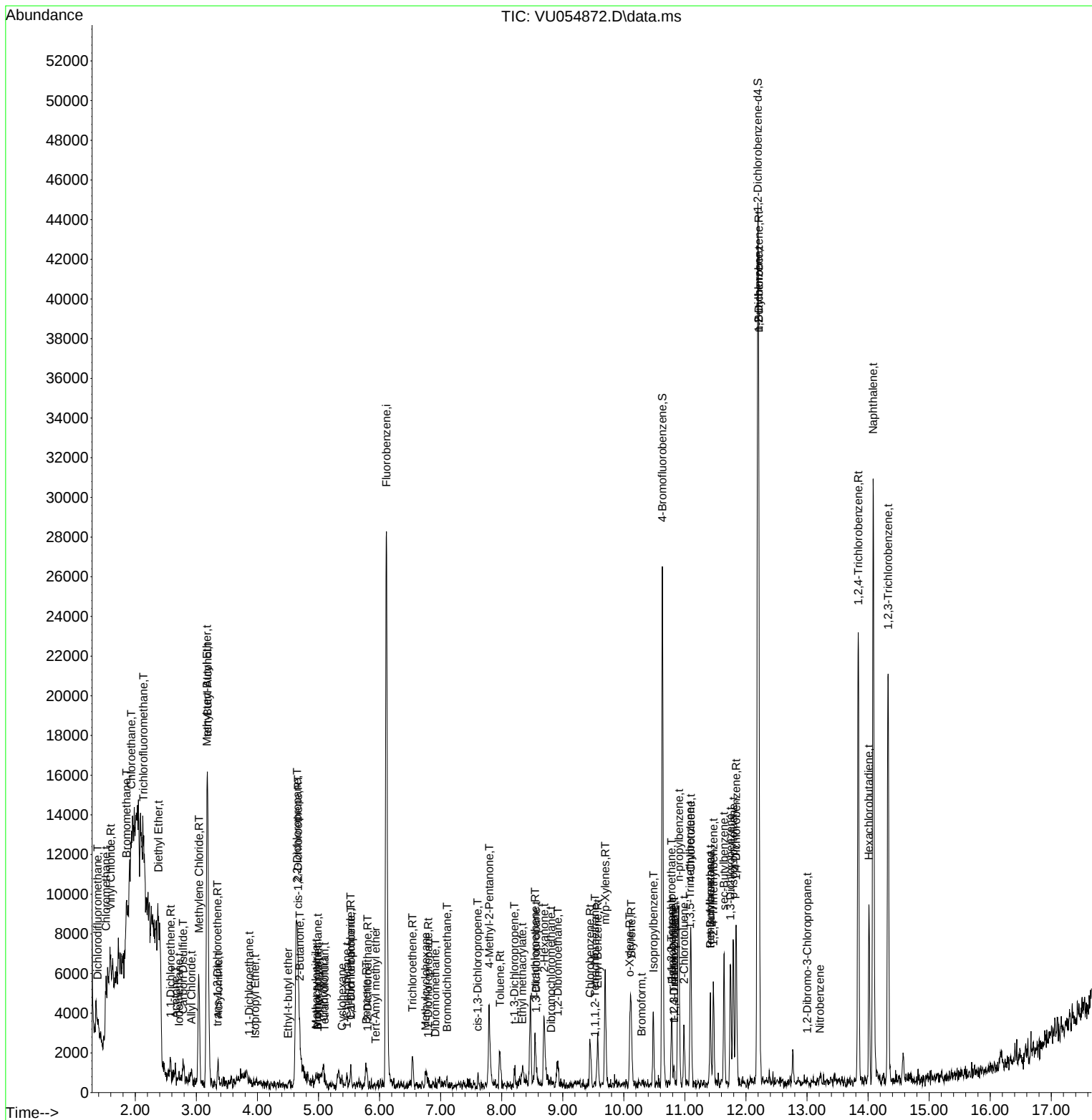
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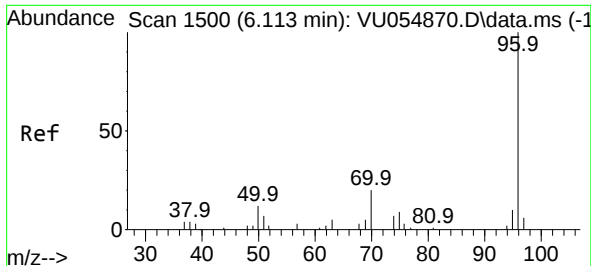
Quant Time: Jul 28 03:05:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U072523DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Wed Jul 26 09:45:35 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
49) Toluene	7.971	92	1089	0.070	ug/l #	58
50) t-1,3-Dichloropropene	8.206	75	562	0.070	ug/l #	68
51) cis-1,3-Dichloropropene	7.608	75	473	0.048	ug/l #	66
53) 1,3-Dichloropropane	8.563	76	182	0.022	ug/l #	44
54) 2-Hexanone	8.695	43	2121	0.792	ug/l #	78
55) Dibromochloromethane	8.807	129	51	0.009	ug/l #	11
56) 1,2-Dibromoethane	8.920	107	192	0.044	ug/l	29
58) Tetrachloroethene	8.550	164	527	0.092	ug/l #	75
59) Chlorobenzene	9.447	112	1589	0.084	ug/l	89
60) 1,1,1,2-Tetrachloroethane	9.531	131	19	0.003	ug/l #	9
61) Pentachloroethane	11.418	117	107	0.021	ug/l #	9
63) Ethyl Benzene	9.573	91	2449	0.078	ug/l #	69
64) m/p-Xylenes	9.695	106	1871	0.158	ug/l	92
65) o-Xylene	10.097	106	801	0.066	ug/l	74
66) Styrene	10.123	104	2275	0.117	ug/l #	93
67) Bromoform	10.293	173	79	0.026	ug/l #	70
69) Isopropylbenzene	10.486	105	2690	0.083	ug/l	91
70) 1,1,2,2-Tetrachloroethane	10.778	83	359	0.057	ug/l #	51
71) 1,2,3-Trichloropropane	10.823	75	478	0.106	ug/l #	78
72) Bromobenzene	10.791	156	898	0.124	ug/l	92
73) n-propylbenzene	10.904	120	1061	0.122	ug/l	100
74) 2-Chlorotoluene	10.987	126	687	0.091	ug/l	81
75) 1,3,5-Trimethylbenzene	11.087	105	2639	0.100	ug/l	98
76) 4-Chlorotoluene	11.097	126	1308	0.167	ug/l	81
77) tert-Butylbenzene	11.418	119	2314	0.084	ug/l #	89
78) 1,2,4-Trimethylbenzene	11.470	105	3342	0.124	ug/l	98
79) sec-Butylbenzene	11.640	105	5038	0.141	ug/l	98
80) Nitrobenzene	13.212	77	212	1.273	ug/l #	66
81) p-Isopropyltoluene	11.794	119	4555	0.162	ug/l	98
82) 1,3-Dichlorobenzene	11.746	146	3312	0.215	ug/l	95
83) 1,4-Dichlorobenzene	11.839	146	4373	0.284	ug/l	89
84) n-Butylbenzene	12.209	91	11888	0.470	ug/l	99
85) 1,2-Dichlorobenzene	12.209	146	3430	0.232	ug/l	94
86) 1,2-Dibromo-3-Chloropr...	13.003	75	47	0.056	ug/l #	1
87) 1,2,4-Trichlorobenzene	13.843	180	7115	0.754	ug/l	99
88) Hexachlorobutadiene	14.013	225	1523	0.303	ug/l #	91
89) Naphthalene	14.084	128	26037	1.782	ug/l	99
90) 1,2,3-Trichlorobenzene	14.328	180	6855	0.819	ug/l	95

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

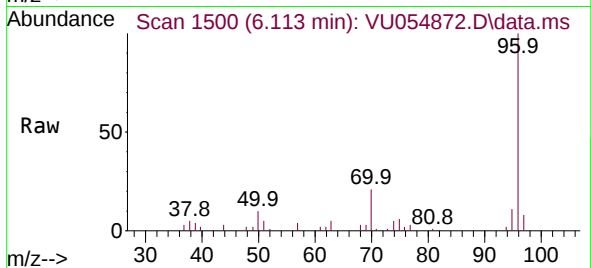
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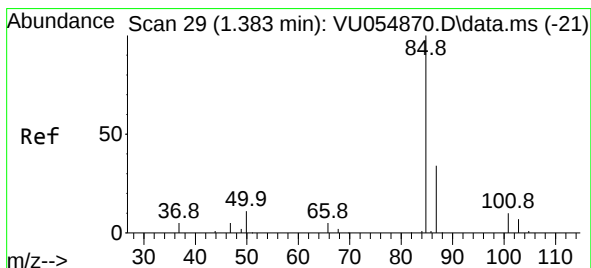
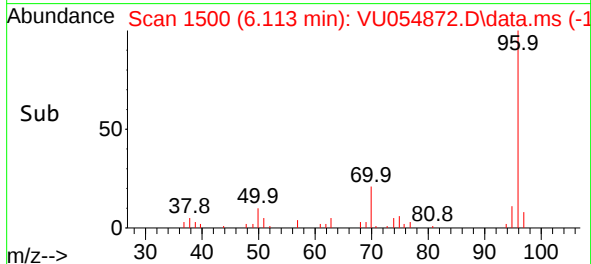
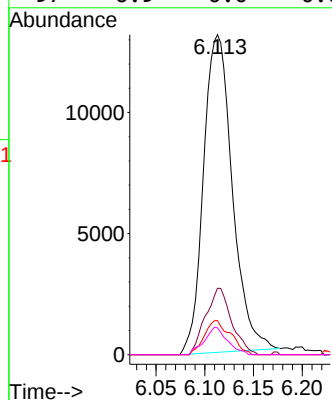


#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.113 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU054872.D
Acq: 25 Jul 2023 17:34

Instrument :
MSVOA_U
ClientSampleId :

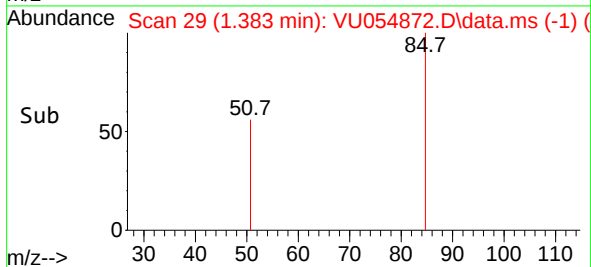
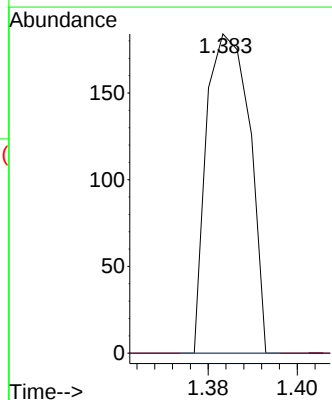
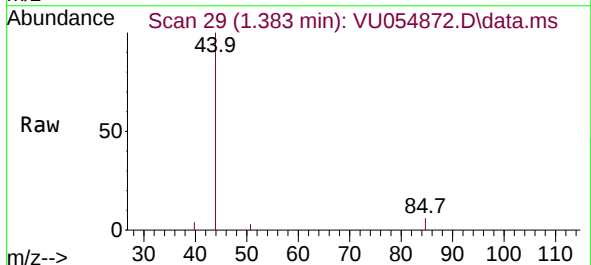


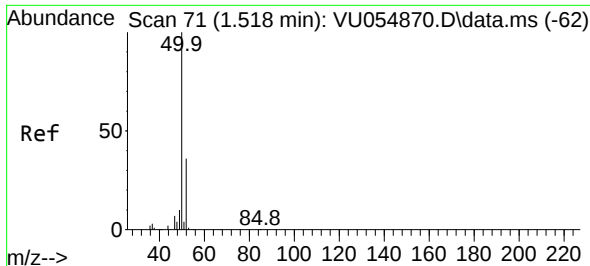
Tgt Ion: 96 Resp: 27018
Ion Ratio Lower Upper
96 100
70 18.8 14.0 21.0
95 9.7 8.7 13.1
97 6.9 0.0 0.0#



#2
Dichlorodifluoromethane
Concen: 0.024 ug/l
RT: 1.383 min Scan# 29
Delta R.T. 0.000 min
Lab File: VU054872.D
Acq: 25 Jul 2023 17:34

Tgt Ion: 85 Resp: 123
Ion Ratio Lower Upper
85 100
87 0.0 16.2 48.6#

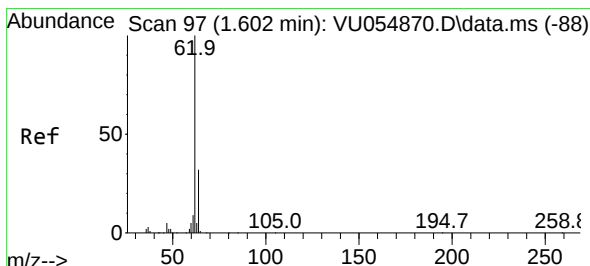
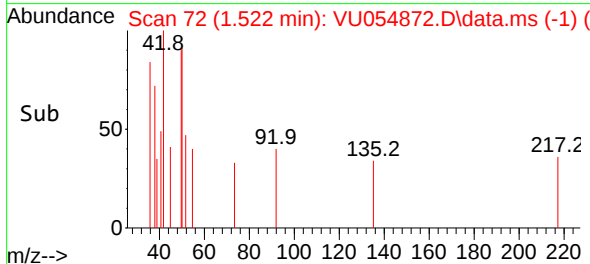
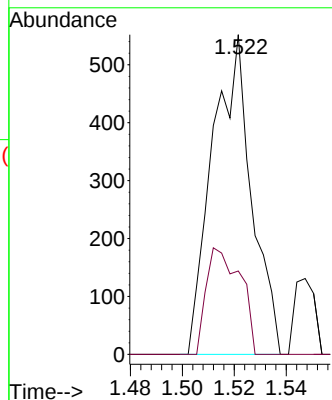
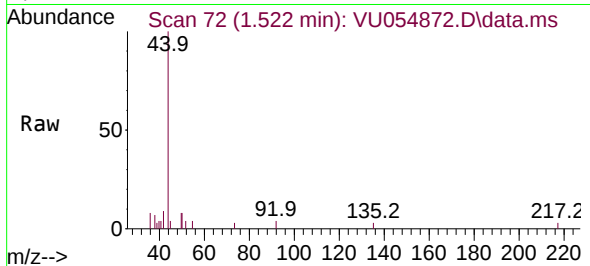




#3
Chloromethane
Concen: 0.100 ug/l
RT: 1.522 min Scan# 71
Delta R.T. 0.003 min
Lab File: VU054872.D
Acq: 25 Jul 2023 17:34

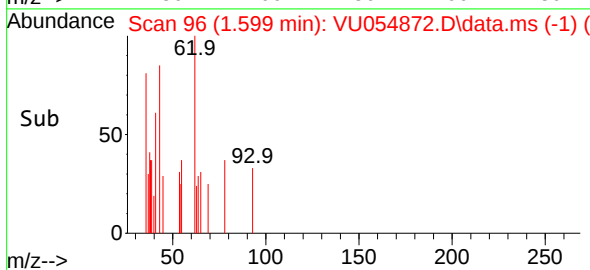
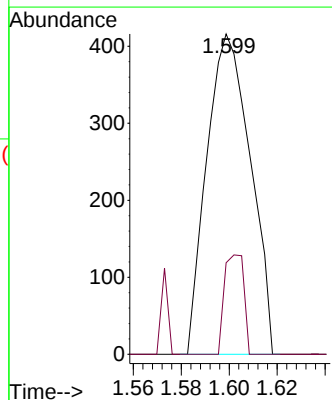
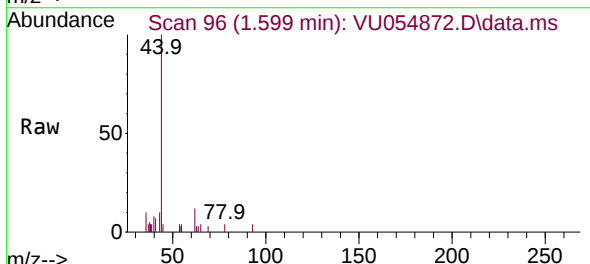
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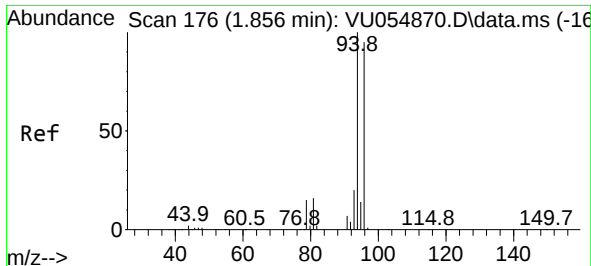
Tgt Ion: 50 Resp: 578
Ion Ratio Lower Upper
50 100
52 26.1 28.2 42.2#



#4
Vinyl Chloride
Concen: 0.068 ug/l
RT: 1.599 min Scan# 96
Delta R.T. -0.003 min
Lab File: VU054872.D
Acq: 25 Jul 2023 17:34

Tgt Ion: 62 Resp: 525
Ion Ratio Lower Upper
62 100
64 28.6 26.4 39.6

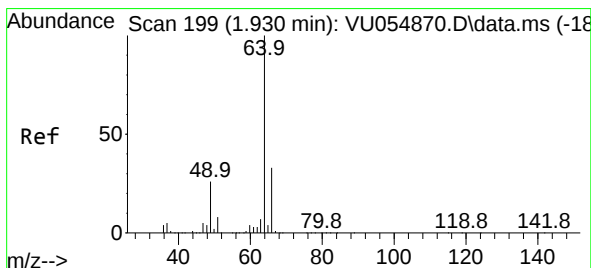
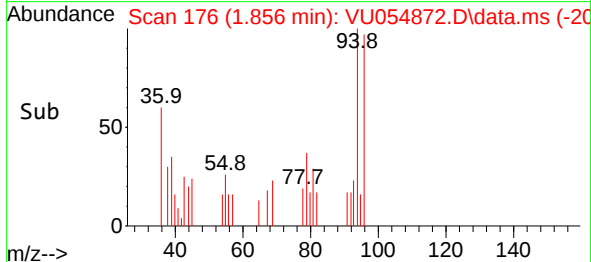
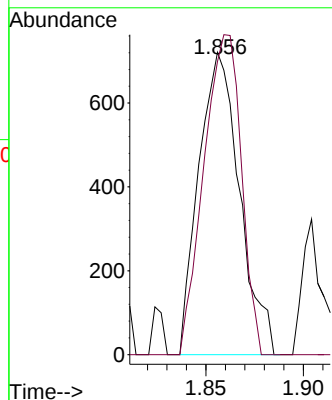
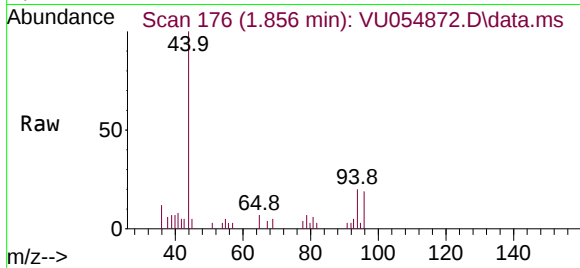




#5
Bromomethane
Concen: 0.171 ug/l
RT: 1.856 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU054872.D
Acq: 25 Jul 2023 17:34

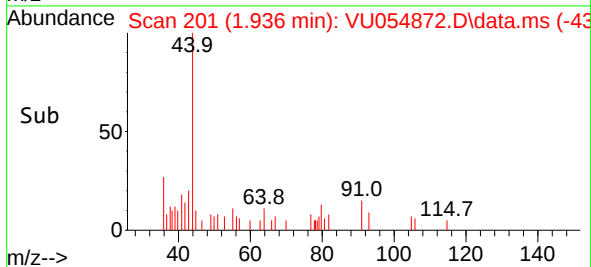
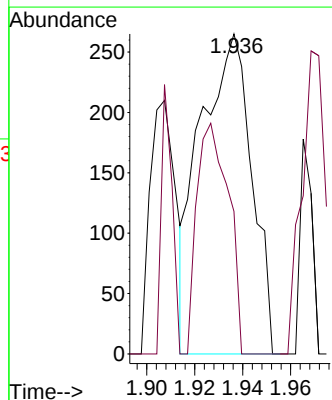
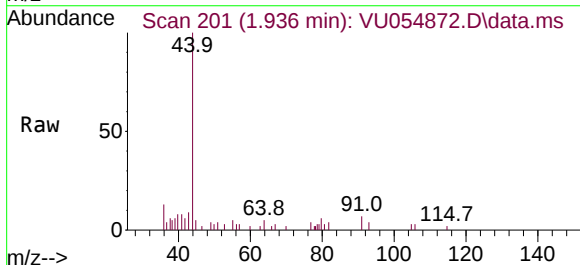
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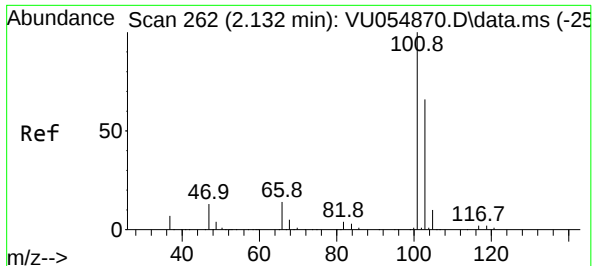
Tgt Ion: 94 Resp: 1050
Ion Ratio Lower Upper
94 100
96 83.9 74.6 111.8



#6
Chloroethane
Concen: 0.050 ug/l
RT: 1.936 min Scan# 201
Delta R.T. 0.006 min
Lab File: VU054872.D
Acq: 25 Jul 2023 17:34

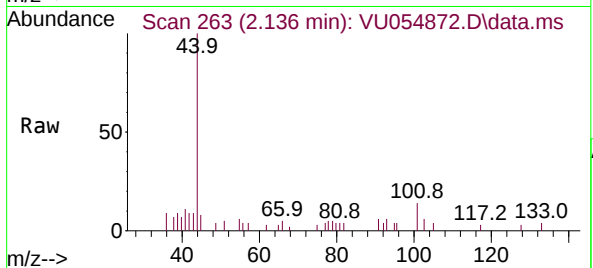
Tgt Ion: 64 Resp: 395
Ion Ratio Lower Upper
64 100
66 44.5 26.2 39.4#



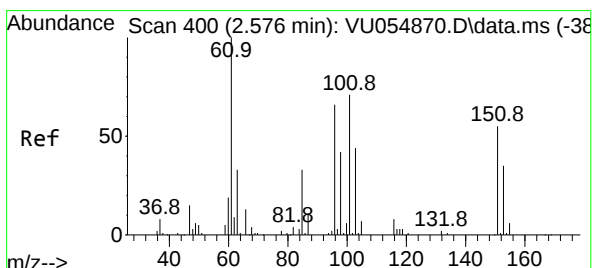
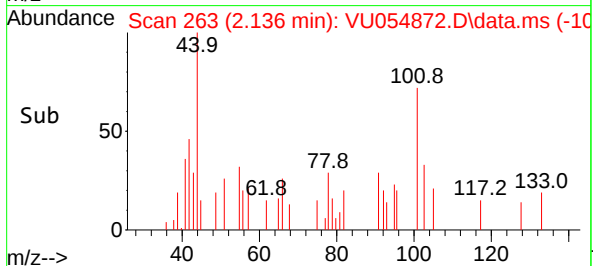
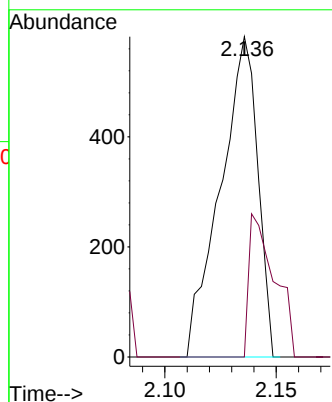


#7
 Trichlorofluoromethane
 Concen: 0.037 ug/l
 RT: 2.136 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VU054872.D
 Acq: 25 Jul 2023 17:34

Instrument :
 MSVOA_U
 ClientSampleId :

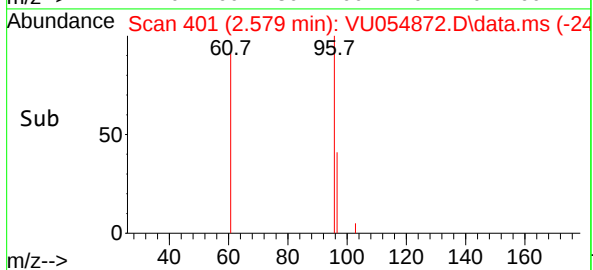
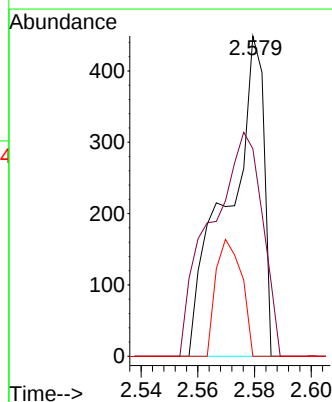
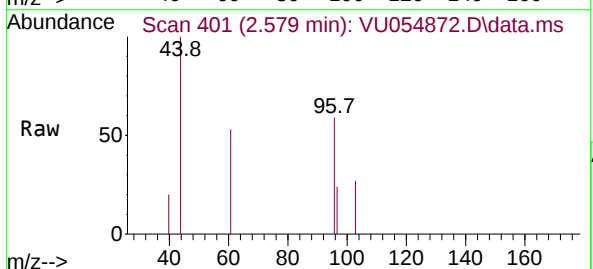


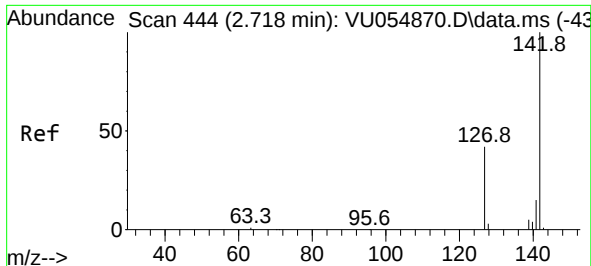
Tgt Ion:101 Resp: 676
 Ion Ratio Lower Upper
 101 100
 103 0.0 52.9 79.3#



#9
 1,1-Dichloroethene
 Concen: 0.085 ug/l
 RT: 2.579 min Scan# 401
 Delta R.T. 0.003 min
 Lab File: VU054872.D
 Acq: 25 Jul 2023 17:34

Tgt Ion: 96 Resp: 396
 Ion Ratio Lower Upper
 96 100
 61 64.8 0.0 440.1
 98 0.0 0.0 121.8

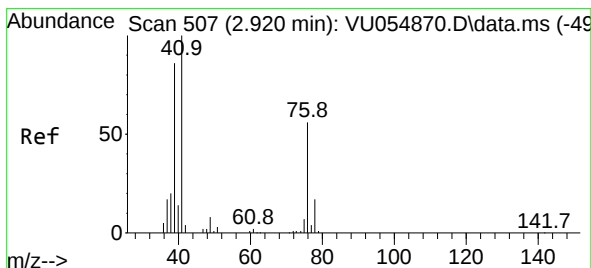
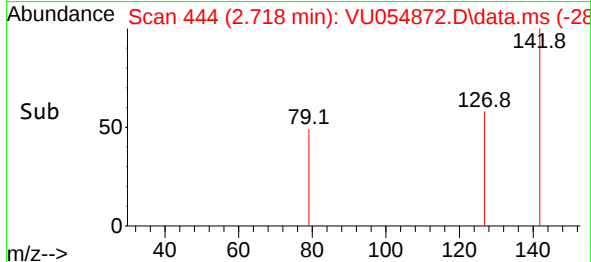
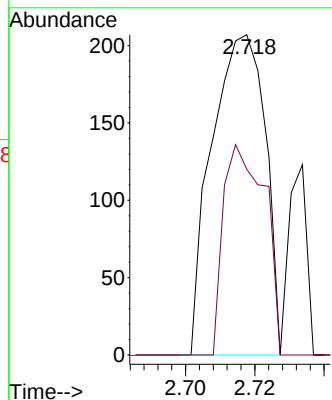
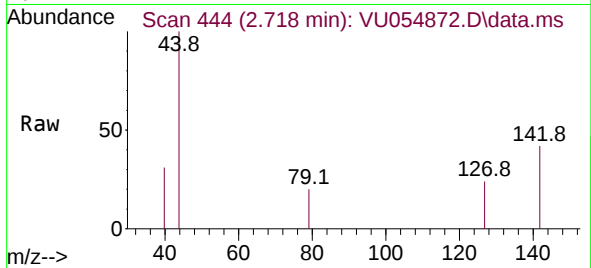




#10
 Iodomethane
 Concen: 0.030 ug/l
 RT: 2.718 min Scan# 444
 Delta R.T. 0.000 min
 Lab File: VU054872.D
 Acq: 25 Jul 2023 17:34

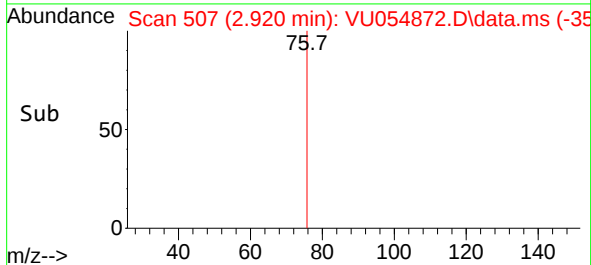
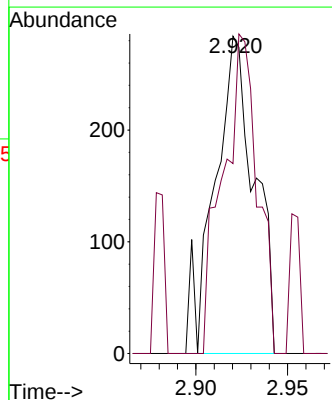
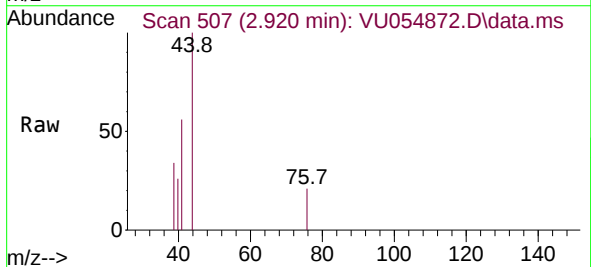
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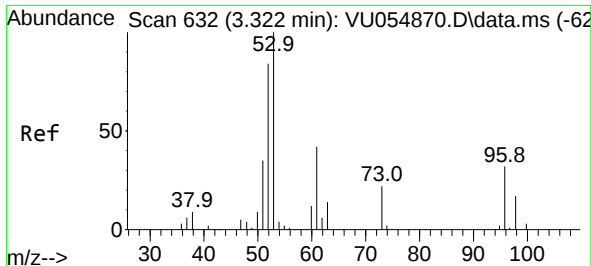
Tgt Ion:142 Resp: 222
 Ion Ratio Lower Upper
 142 100
 127 50.9 34.3 51.5



#11
 Allyl Chloride
 Concen: 0.077 ug/l
 RT: 2.920 min Scan# 507
 Delta R.T. 0.000 min
 Lab File: VU054872.D
 Acq: 25 Jul 2023 17:34

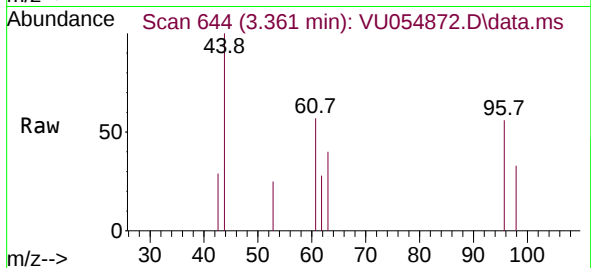
Tgt Ion: 41 Resp: 428
 Ion Ratio Lower Upper
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 39 87.6 70.2 105.2



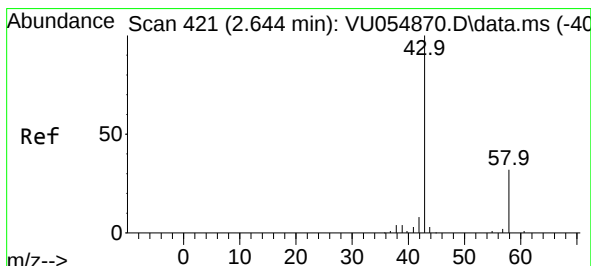
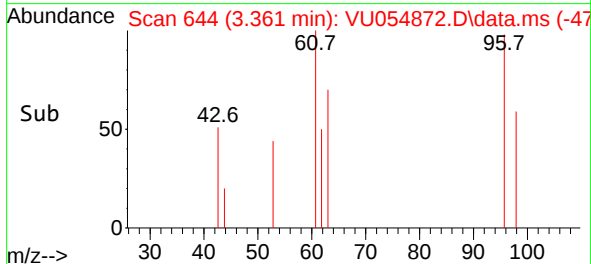
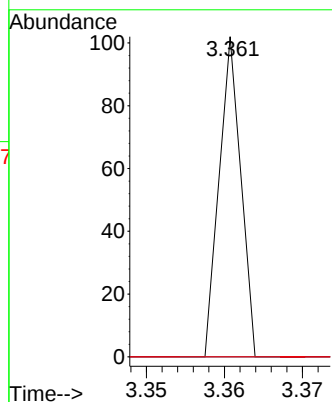


#12
Acrylonitrile
Concen: 0.017 ug/l
RT: 3.361 min Scan# 644
Delta R.T. 0.039 min
Lab File: VU054872.D
Acq: 25 Jul 2023 17:34

Instrument :
MSVOA_U
ClientSampleId :

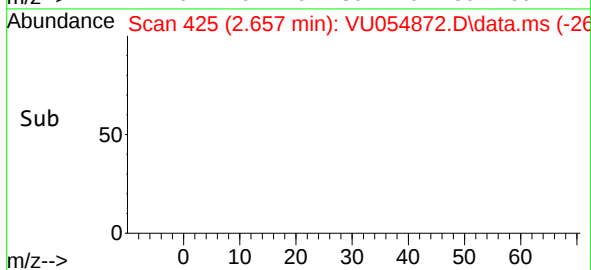
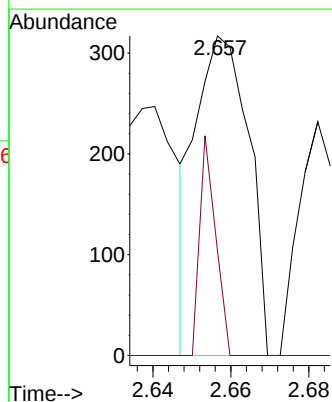
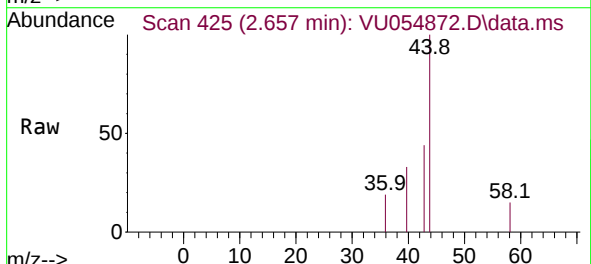


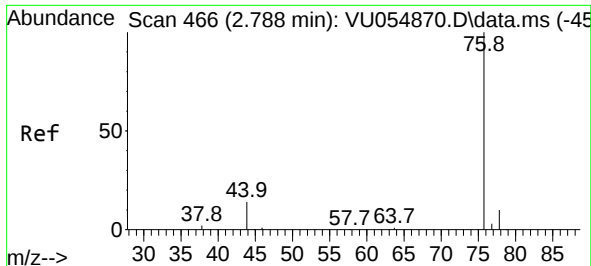
Tgt Ion: 53 Resp: 20
Ion Ratio Lower Upper
53 100
52 0.0 64.2 96.4#
51 0.0 33.6 50.4#



#13
Acetone
Concen: 0.244 ug/l
RT: 2.657 min Scan# 425
Delta R.T. 0.013 min
Lab File: VU054872.D
Acq: 25 Jul 2023 17:34

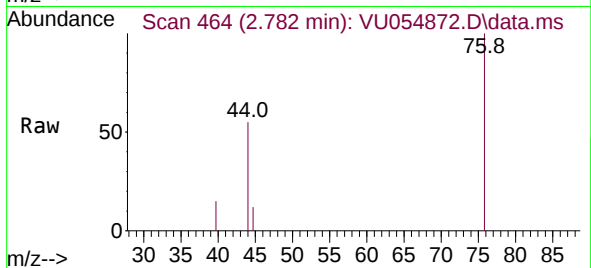
Tgt Ion: 43 Resp: 299
Ion Ratio Lower Upper
43 100
58 32.8 30.7 46.1



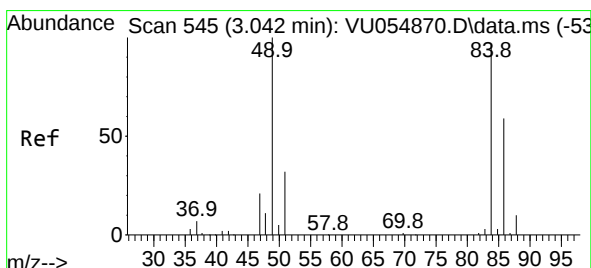
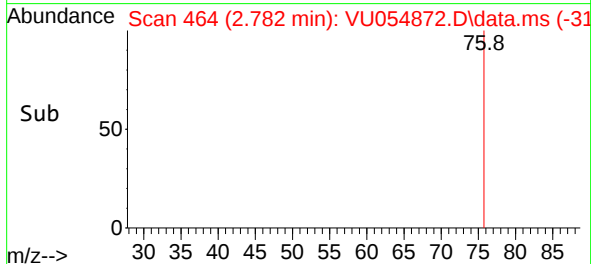
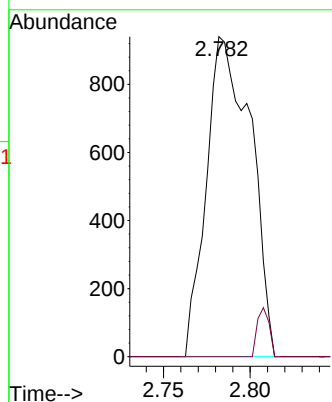


#14
Carbon Disulfide
Concen: 0.207 ug/l
RT: 2.782 min Scan# 464
Delta R.T. -0.006 min
Lab File: VU054872.D
Acq: 25 Jul 2023 17:34

Instrument :
MSVOA_U
ClientSampleId :

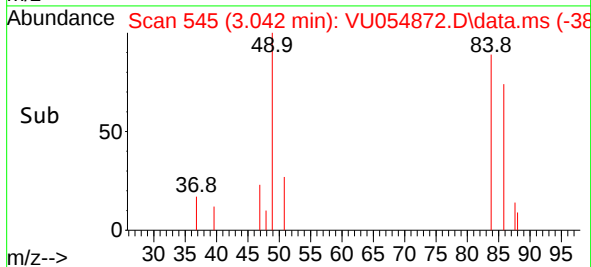
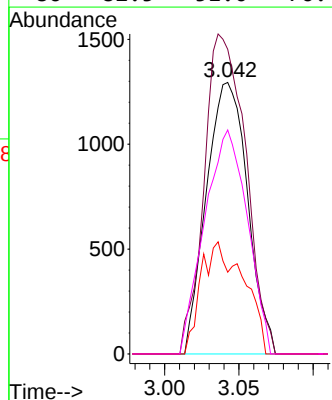
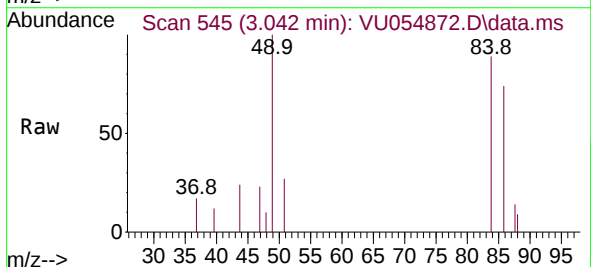


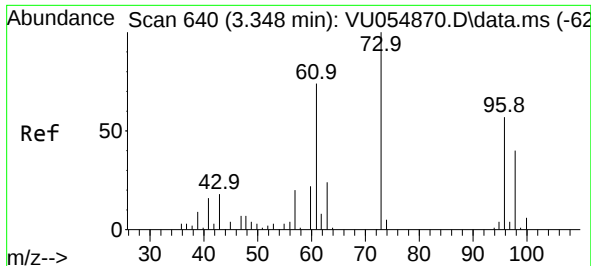
Tgt Ion: 76 Resp: 1672
Ion Ratio Lower Upper
76 100
78 0.0 7.1 10.7#



#15
Methylene Chloride
Concen: 0.370 ug/l
RT: 3.042 min Scan# 545
Delta R.T. 0.000 min
Lab File: VU054872.D
Acq: 25 Jul 2023 17:34

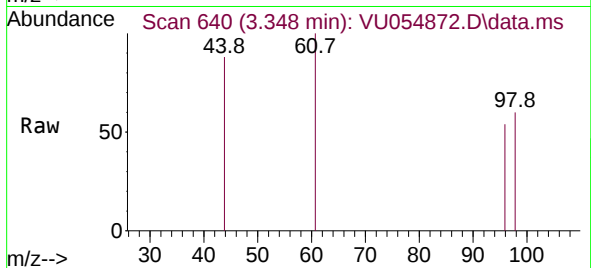
Tgt Ion: 84 Resp: 2497
Ion Ratio Lower Upper
84 100
49 112.2 87.8 131.6
51 30.1 0.0 68.2
86 82.5 51.0 76.4#



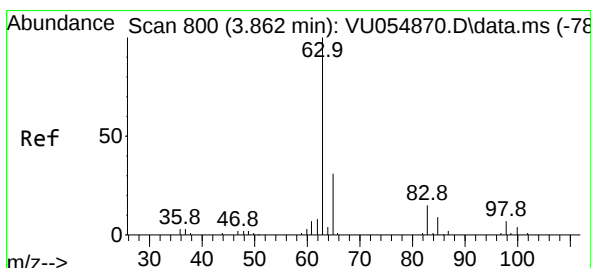
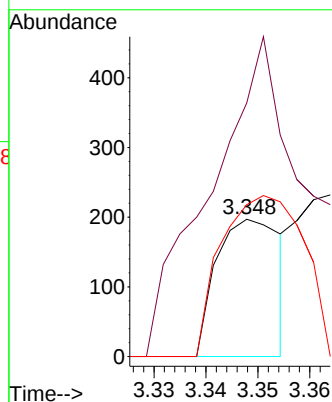
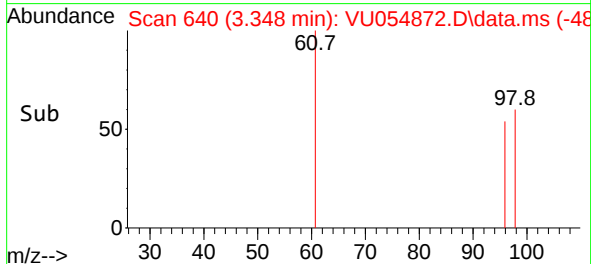


#16
trans-1,2-Dichloroethene
Concen: 0.033 ug/l
RT: 3.348 min Scan# 640
Delta R.T. 0.000 min
Lab File: VU054872.D
Acq: 25 Jul 2023 17:34

Instrument :
MSVOA_U
ClientSampleId :

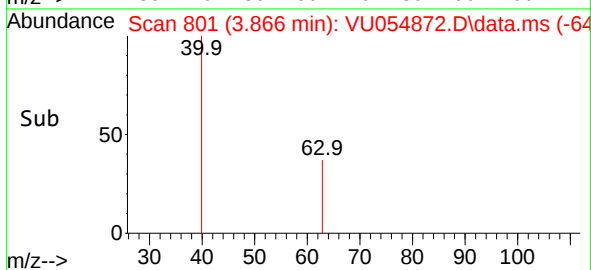
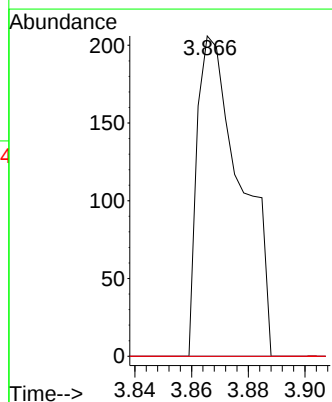
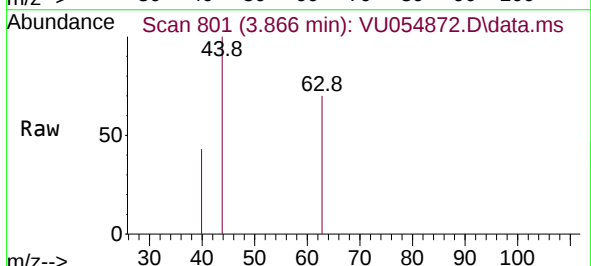


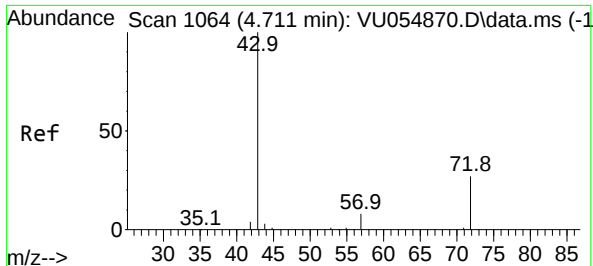
Tgt Ion: 96 Resp: 169
Ion Ratio Lower Upper
96 100
61 95.4 96.4 144.6#
98 110.7 49.3 73.9#



#17
1,1-Dichloroethane
Concen: 0.019 ug/l
RT: 3.866 min Scan# 801
Delta R.T. 0.003 min
Lab File: VU054872.D
Acq: 25 Jul 2023 17:34

Tgt Ion: 63 Resp: 221
Ion Ratio Lower Upper
63 100
98 0.0 3.6 10.8#
100 0.0 2.8 8.4#





#18

2-Butanone

Concen: 0.049 ug/l

RT: 4.695 min Scan# 1059

Delta R.T. -0.016 min

Lab File: VU054872.D

Acq: 25 Jul 2023 17:34

Instrument :

MSVOA_U

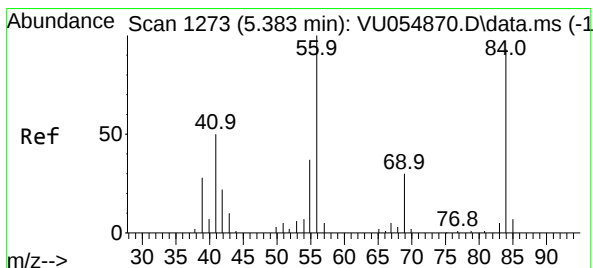
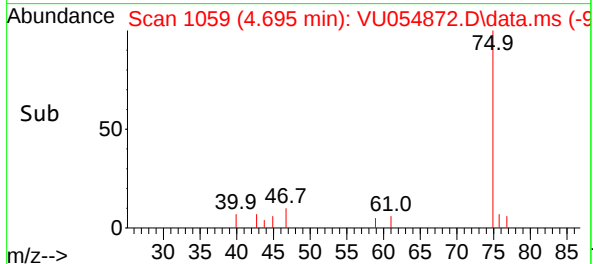
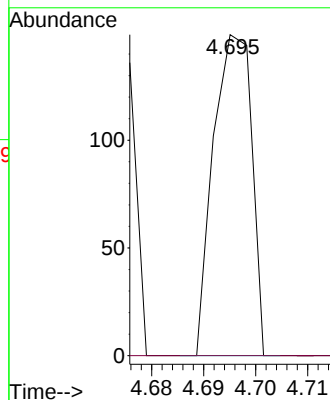
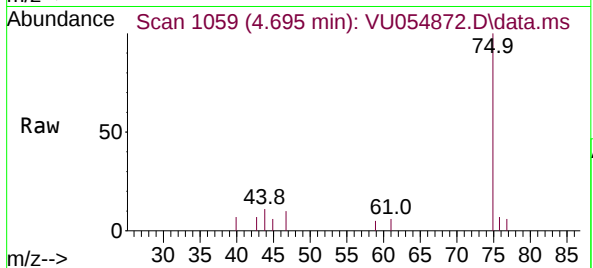
ClientSampleId :

Tgt Ion: 43 Resp: 76

Ion Ratio Lower Upper

43 100

57 0.0 0.0 20.8



#19

Cyclohexane

Concen: 0.014 ug/l

RT: 5.386 min Scan# 1274

Delta R.T. 0.003 min

Lab File: VU054872.D

Acq: 25 Jul 2023 17:34

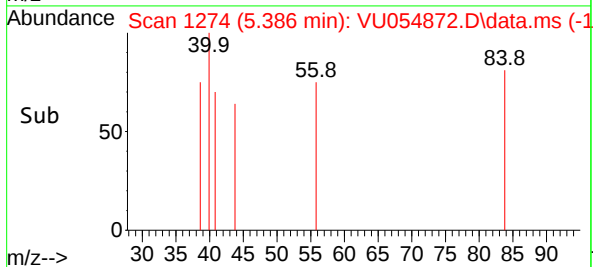
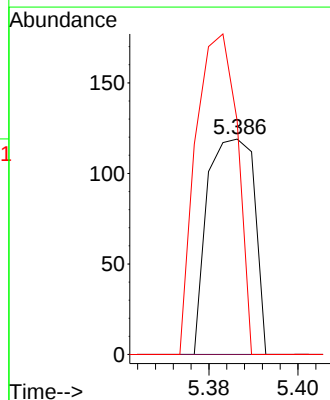
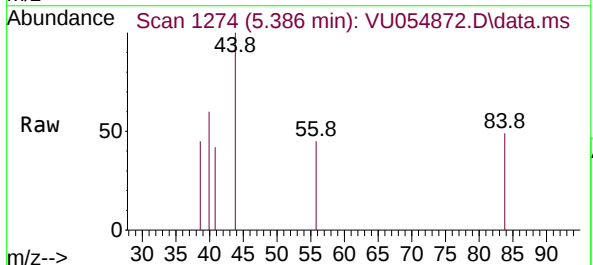
Tgt Ion: 56 Resp: 87

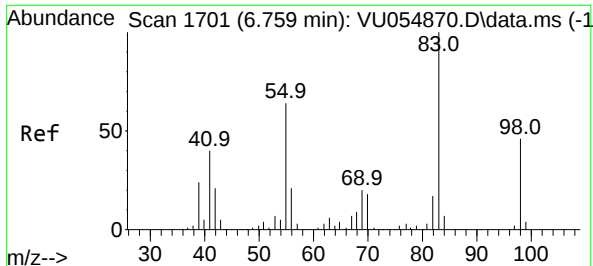
Ion Ratio Lower Upper

56 100

69 0.0 24.7 37.1#

84 131.0 76.5 114.7#





#20

Methylcyclohexane

Concen: 0.019 ug/l

RT: 6.753 min Scan# 1

Delta R.T. -0.006 min

Lab File: VU054872.D

Acq: 25 Jul 2023 17:34

Instrument :

MSVOA_U

ClientSampleId :

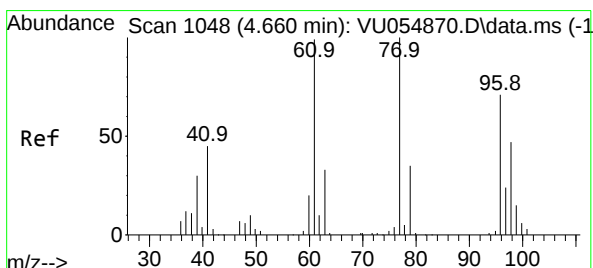
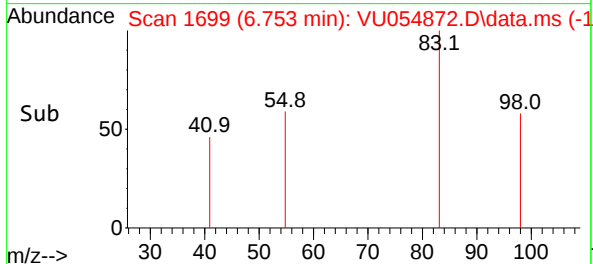
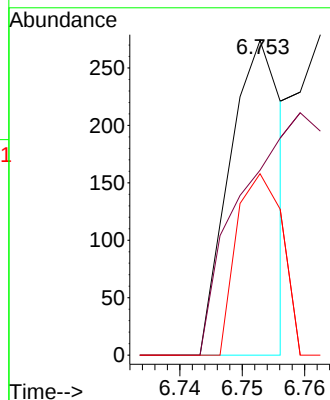
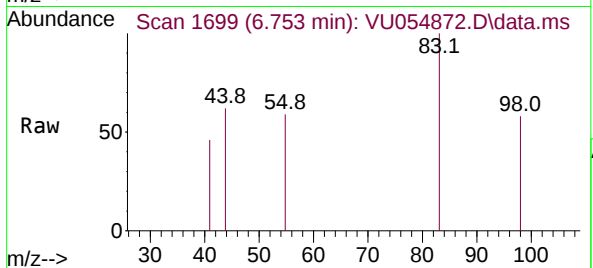
Tgt Ion: 83 Resp: 161

Ion Ratio Lower Upper

83 100

55 151.6 51.6 77.4#

98 49.7 38.2 57.2



#21

2,2-Dichloropropane

Concen: 0.053 ug/l

RT: 4.653 min Scan# 1046

Delta R.T. -0.006 min

Lab File: VU054872.D

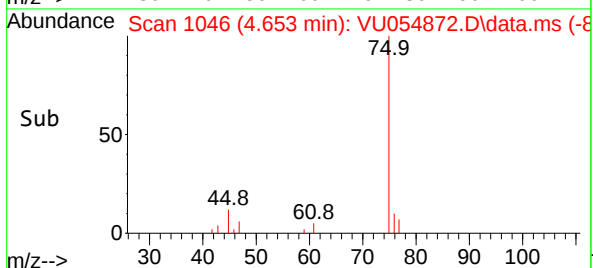
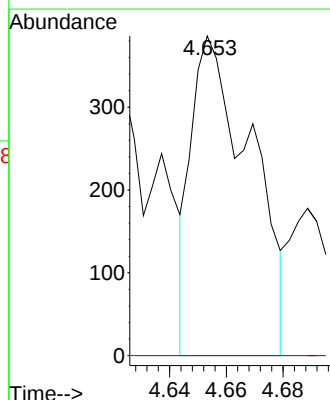
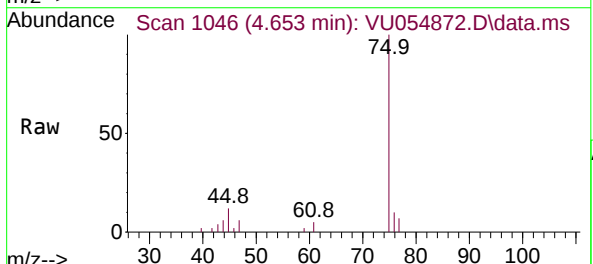
Acq: 25 Jul 2023 17:34

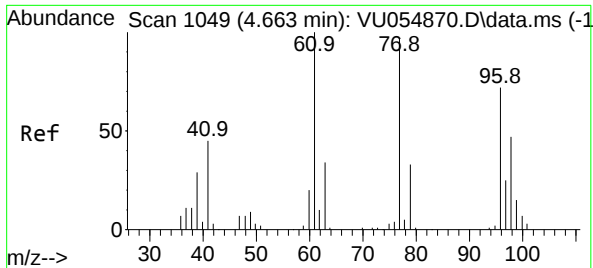
Tgt Ion: 77 Resp: 563

Ion Ratio Lower Upper

77 100

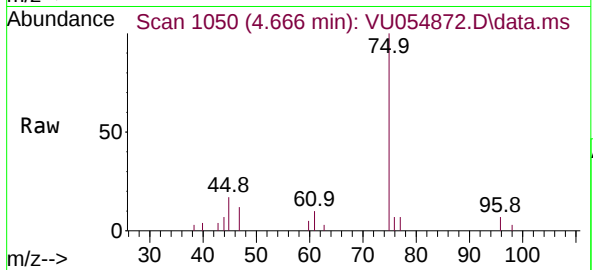
97 0.0 18.0 27.0#



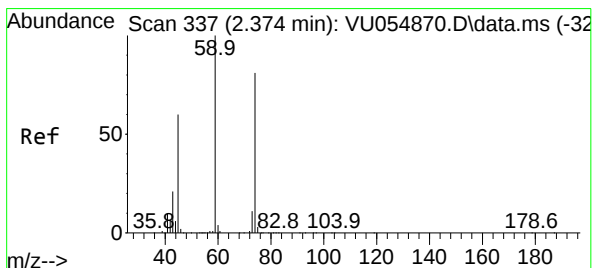
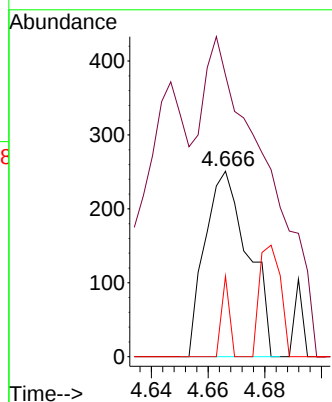
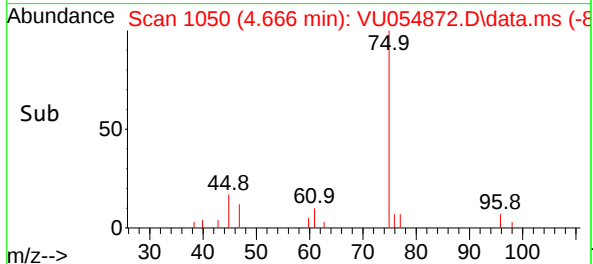


#22
 cis-1,2-Dichloroethene
 Concen: 0.039 ug/l
 RT: 4.666 min Scan# 1050
 Delta R.T. 0.003 min
 Lab File: VU054872.D
 Acq: 25 Jul 2023 17:34

Instrument :
 MSVOA_U
 ClientSampleId :

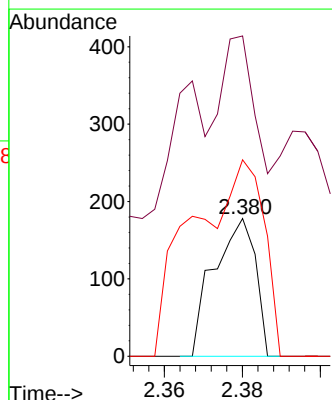
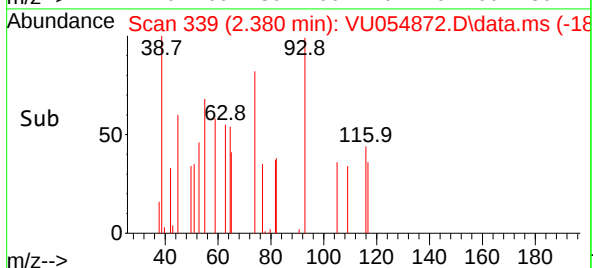
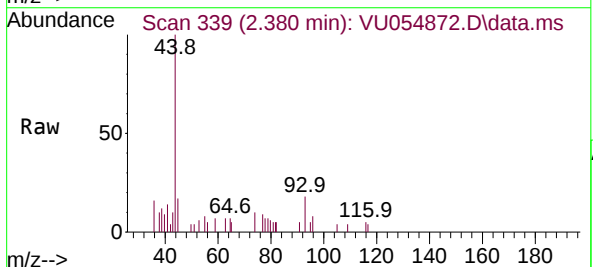


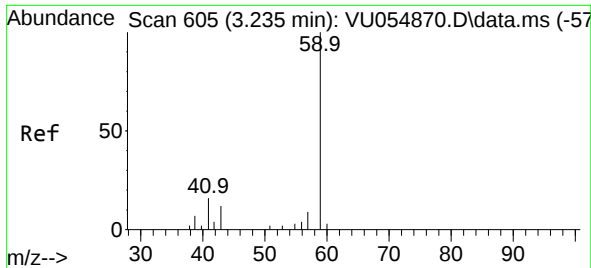
Tgt Ion: 96 Resp: 265
 Ion Ratio Lower Upper
 96 100
 61 265.3 0.0 332.0
 98 7.9 32.5 97.5#



#23
 Diethyl Ether
 Concen: 0.019 ug/l
 RT: 2.380 min Scan# 339
 Delta R.T. 0.007 min
 Lab File: VU054872.D
 Acq: 25 Jul 2023 17:34

Tgt Ion: 59 Resp: 132
 Ion Ratio Lower Upper
 59 100
 45 78.0 51.4 77.0#
 74 244.7 63.1 94.7#

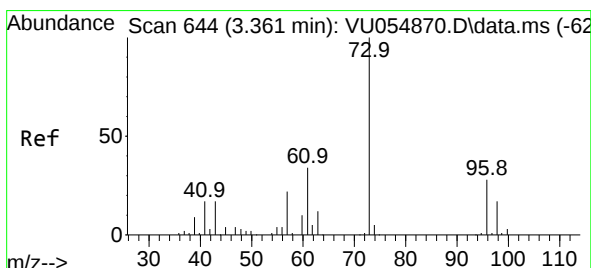
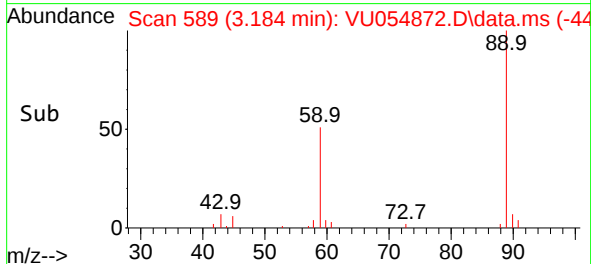
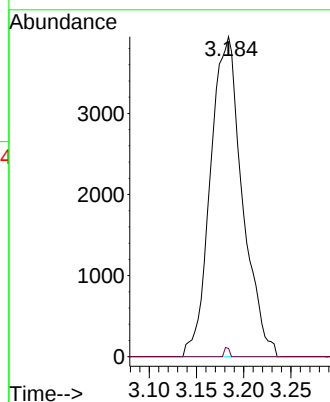
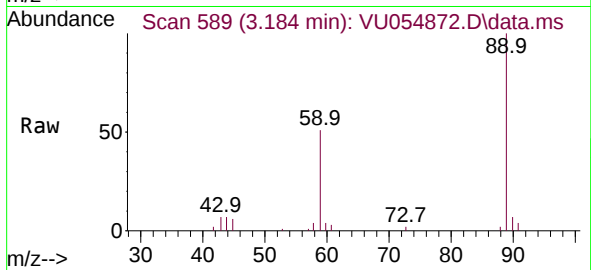




#24
tert-Butyl Alcohol
Concen: 14.497 ug/l
RT: 3.184 min Scan# 51
Delta R.T. -0.051 min
Lab File: VU054872.D
Acq: 25 Jul 2023 17:34

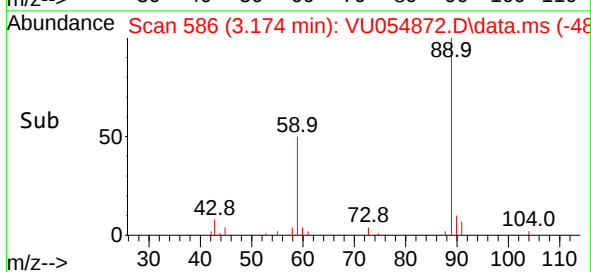
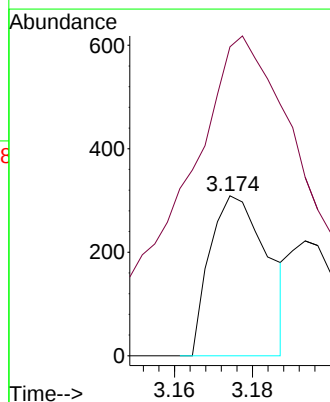
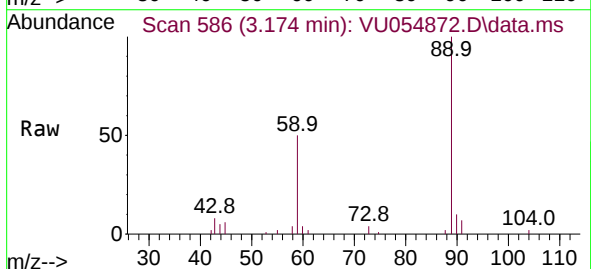
Instrument :
MSVOA_U
ClientSampleId :

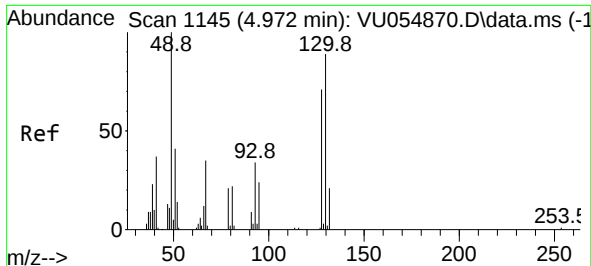
Tgt Ion: 59 Resp: 9281
Ion Ratio Lower Upper
59 100
57 0.4 2.2 3.2#



#25
Methyl tert-Butyl Ether
Concen: 0.022 ug/l
RT: 3.174 min Scan# 586
Delta R.T. -0.186 min
Lab File: VU054872.D
Acq: 25 Jul 2023 17:34

Tgt Ion: 73 Resp: 317
Ion Ratio Lower Upper
73 100
43 443.8 14.6 22.0#

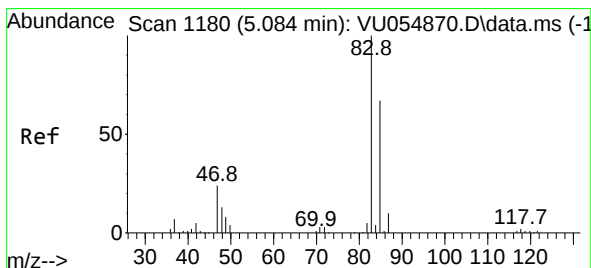
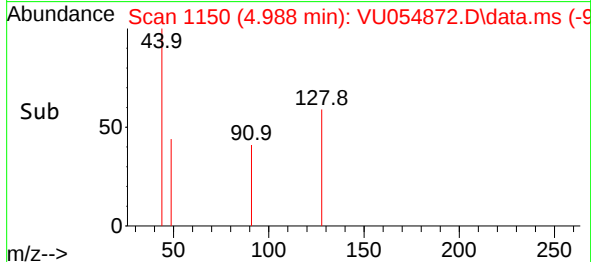
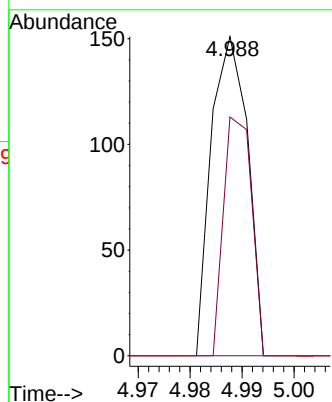
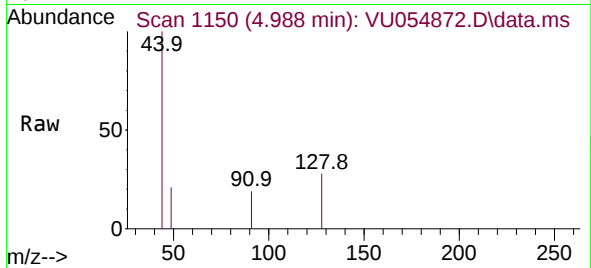




#26
Bromochloromethane
Concen: 0.026 ug/l
RT: 4.988 min Scan# 1145
Delta R.T. 0.016 min
Lab File: VU054872.D
Acq: 25 Jul 2023 17:34

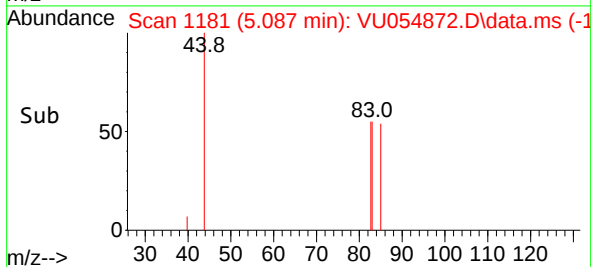
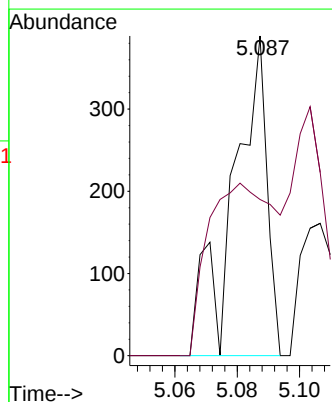
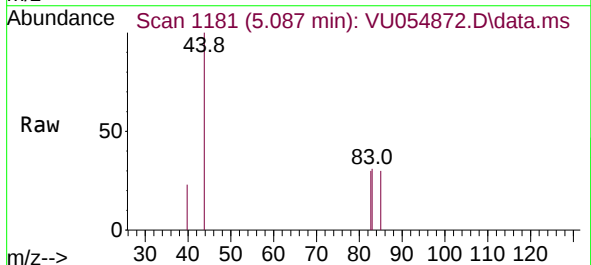
Instrument :
MSVOA_U
ClientSampleId :

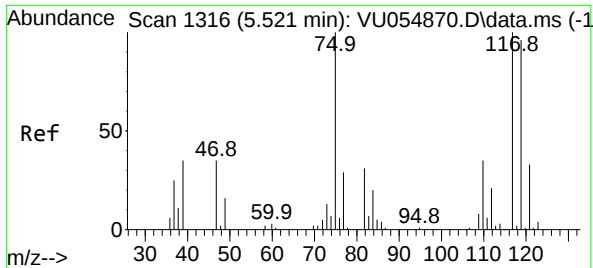
Tgt Ion:128 Resp: 73
Ion Ratio Lower Upper
128 100
49 57.5 0.0 304.0
130 0.0 104.3 156.5#



#27
Chloroform
Concen: 0.024 ug/l
RT: 5.087 min Scan# 1181
Delta R.T. 0.003 min
Lab File: VU054872.D
Acq: 25 Jul 2023 17:34

Tgt Ion: 83 Resp: 295
Ion Ratio Lower Upper
83 100
85 48.8 0.0 135.2





#29

1,1-Dichloropropene

Concen: 0.052 ug/l

RT: 5.531 min Scan# 1319

Delta R.T. 0.010 min

Lab File: VU054872.D

Acq: 25 Jul 2023 17:34

Instrument :

MSVOA_U

ClientSampleId :

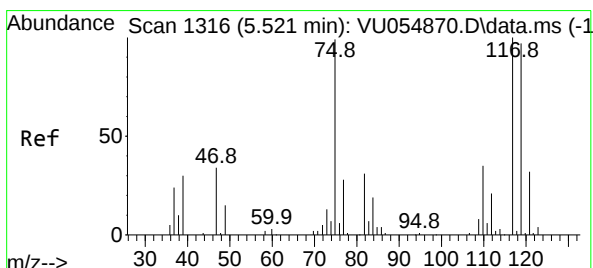
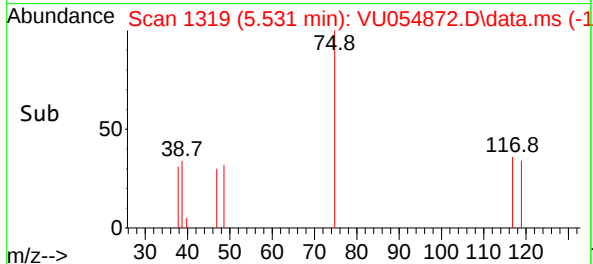
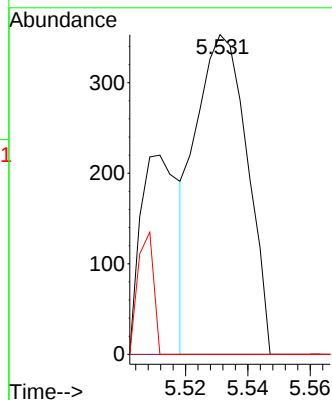
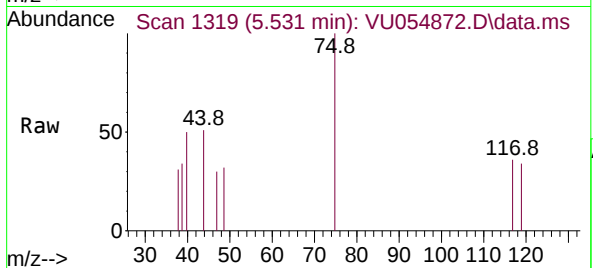
Tgt Ion: 75 Resp: 405

Ion Ratio Lower Upper

75 100

110 0.0 18.5 55.5#

77 0.0 24.9 37.3#



#30

Carbon Tetrachloride

Concen: 0.012 ug/l

RT: 5.528 min Scan# 1318

Delta R.T. 0.006 min

Lab File: VU054872.D

Acq: 25 Jul 2023 17:34

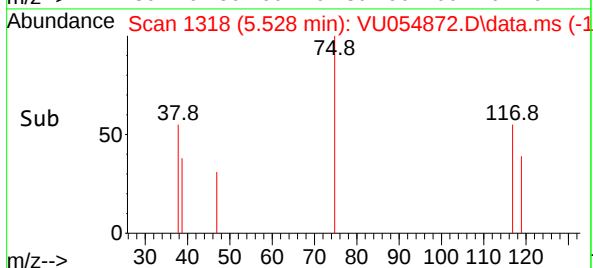
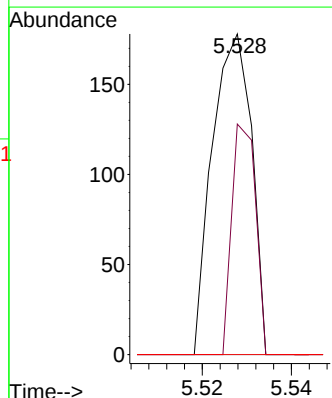
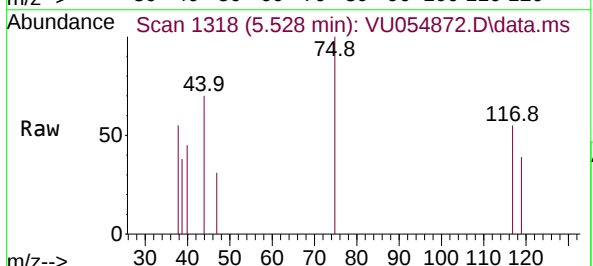
Tgt Ion: 117 Resp: 109

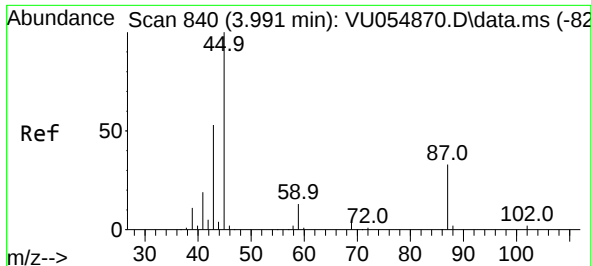
Ion Ratio Lower Upper

117 100

119 71.9 75.6 113.4#

121 0.0 23.4 35.0#

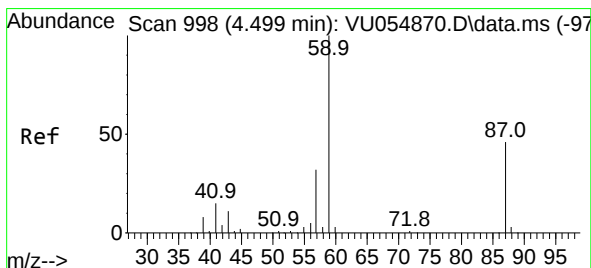
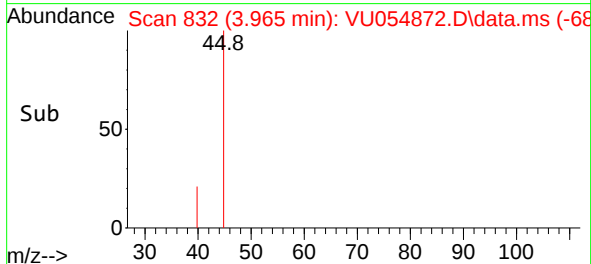
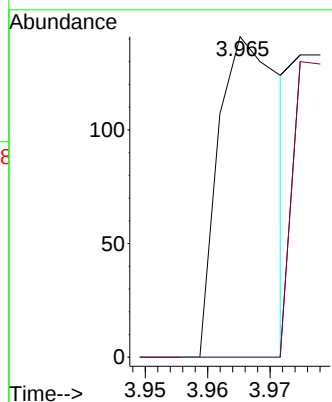
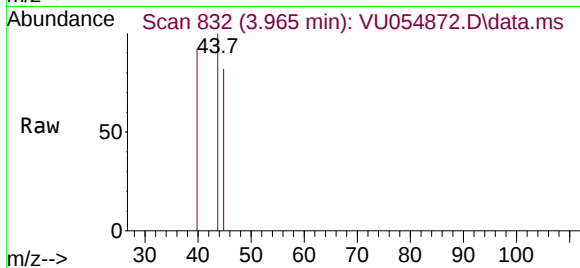




#31
Isopropyl Ether
Concen: 0.006 ug/l
RT: 3.965 min Scan# 840
Delta R.T. -0.026 min
Lab File: VU054872.D
Acq: 25 Jul 2023 17:34

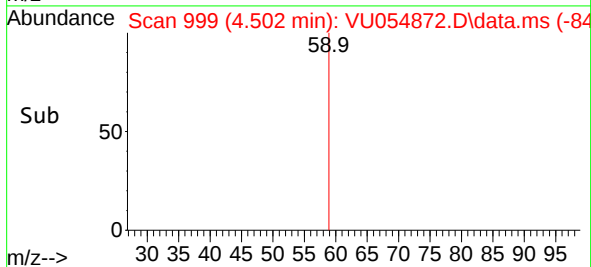
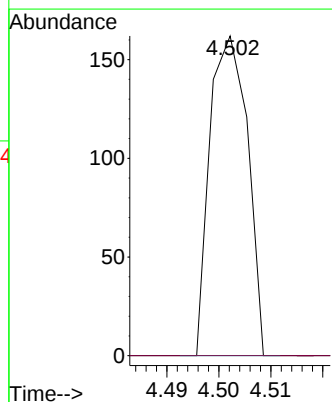
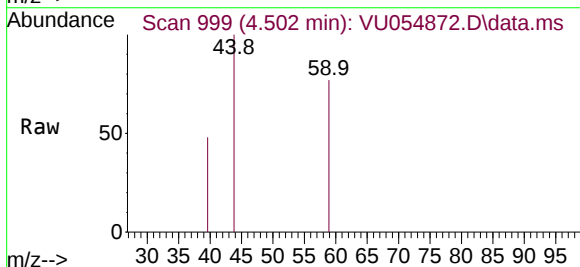
Instrument :
MSVOA_U
ClientSampleId :

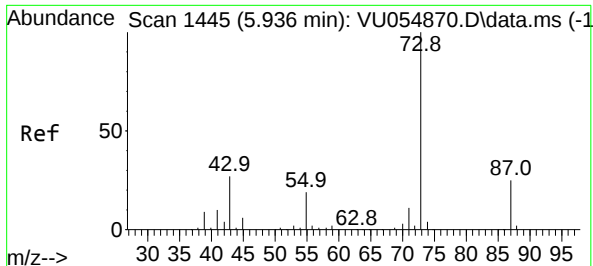
Tgt Ion: 45 Resp: 97
Ion Ratio Lower Upper
45 100
43 51.5 26.4 79.2



#32
Ethyl-t-butyl ether
Concen: 0.005 ug/l
RT: 4.502 min Scan# 999
Delta R.T. 0.003 min
Lab File: VU054872.D
Acq: 25 Jul 2023 17:34

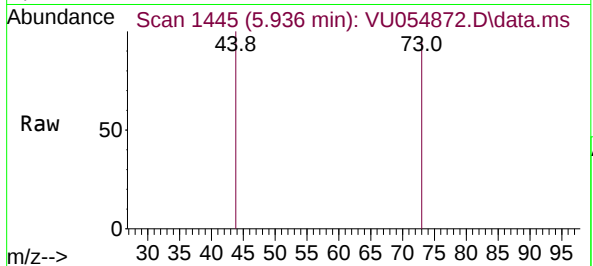
Tgt Ion: 59 Resp: 82
Ion Ratio Lower Upper
59 100
87 0.0 35.7 53.5#



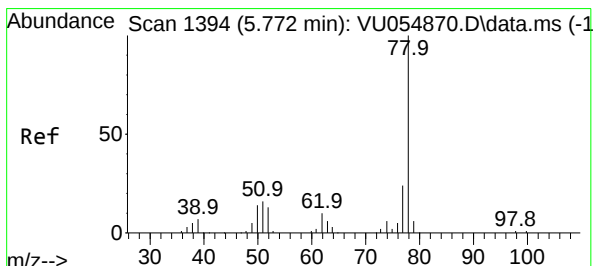
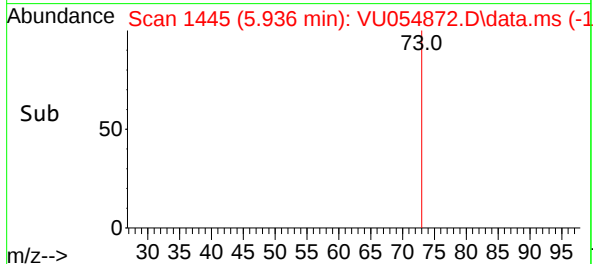
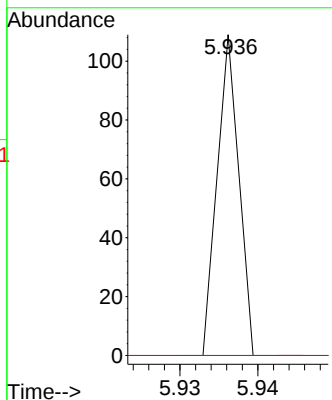


#33
Tert-Amyl methyl ether
Concen: 0.001 ug/l
RT: 5.936 min Scan# 1445
Delta R.T. 0.000 min
Lab File: VU054872.D
Acq: 25 Jul 2023 17:34

Instrument :
MSVOA_U
ClientSampleId :

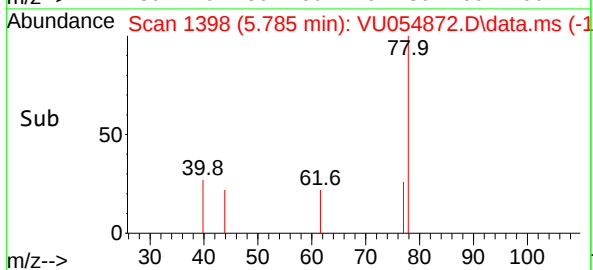
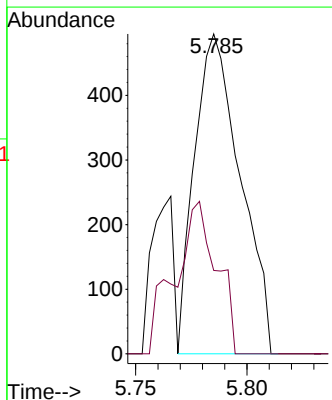
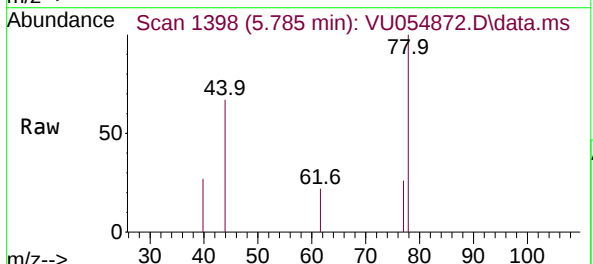


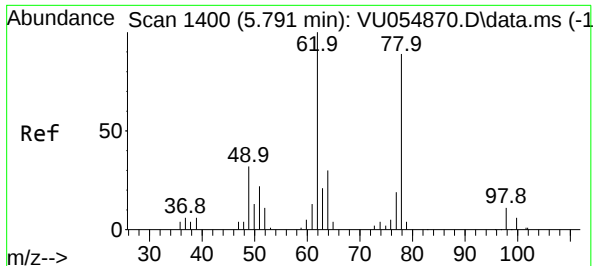
Tgt Ion: 73 Resp: 21
Ion Ratio Lower Upper
73 100
87 0.0 19.6 29.4#
71 0.0 9.1 13.7#



#35
Benzene
Concen: 0.029 ug/l
RT: 5.785 min Scan# 1398
Delta R.T. 0.013 min
Lab File: VU054872.D
Acq: 25 Jul 2023 17:34

Tgt Ion: 78 Resp: 710
Ion Ratio Lower Upper
78 100
77 26.1 19.4 29.2





#36

1,2-Dichloroethane

Concen: 0.028 ug/l

RT: 5.804 min Scan# 1400

Delta R.T. 0.013 min

Lab File: VU054872.D

Acq: 25 Jul 2023 17:34

Instrument :

MSVOA_U

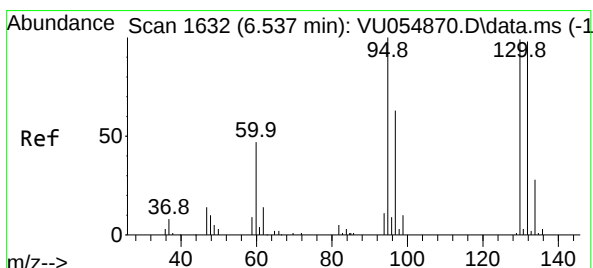
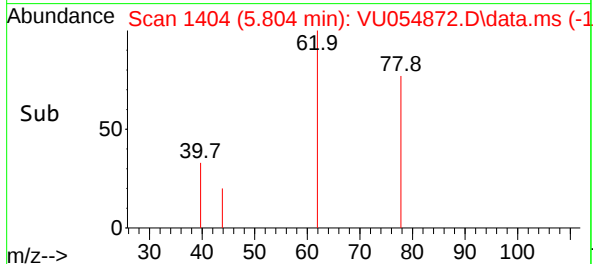
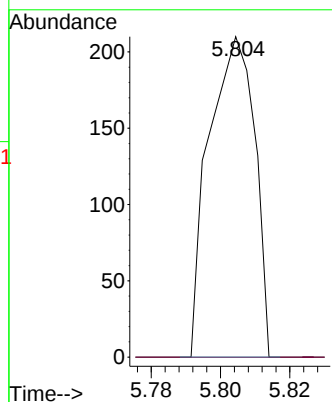
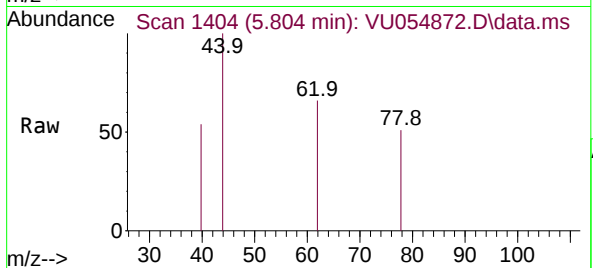
ClientSampleId :

Tgt Ion: 62 Resp: 193

Ion Ratio Lower Upper

62 100

98 0.0 7.8 11.8#



#37

Trichloroethene

Concen: 0.081 ug/l

RT: 6.541 min Scan# 1633

Delta R.T. 0.003 min

Lab File: VU054872.D

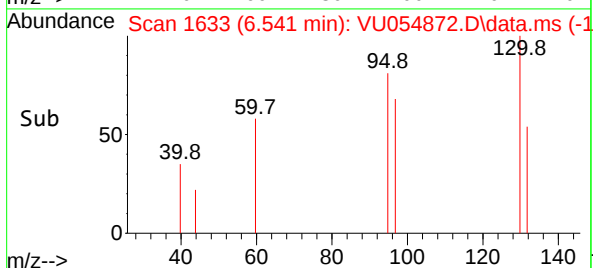
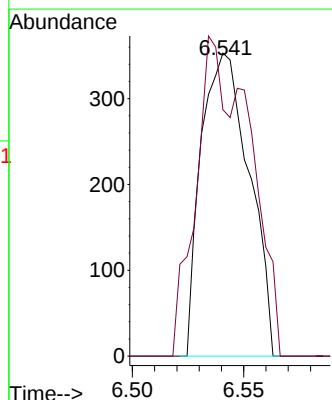
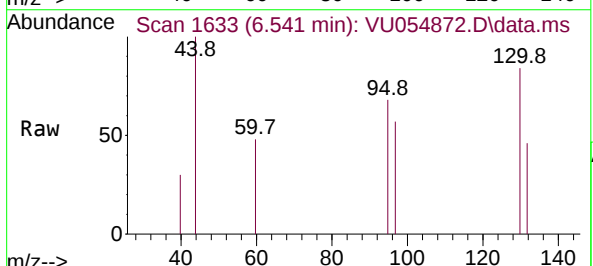
Acq: 25 Jul 2023 17:34

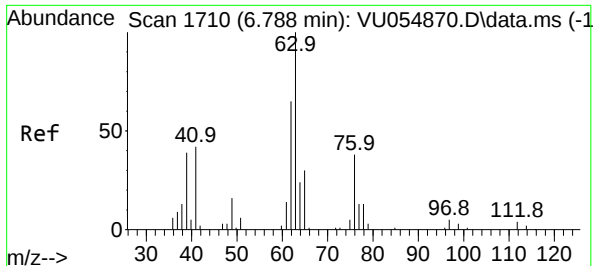
Tgt Ion: 130 Resp: 529

Ion Ratio Lower Upper

130 100

95 81.3 76.8 115.2





#38

1,2-Dichloropropane

Concen: 0.003 ug/l

RT: 6.795 min Scan# 11

Delta R.T. 0.006 min

Lab File: VU054872.D

Acq: 25 Jul 2023 17:34

Instrument :

MSVOA_U

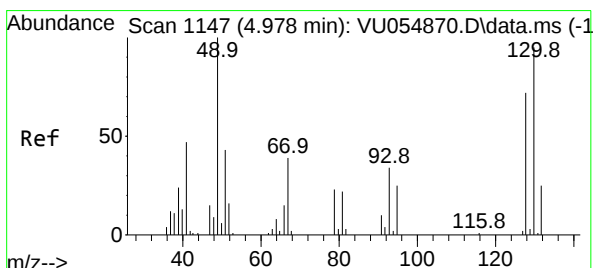
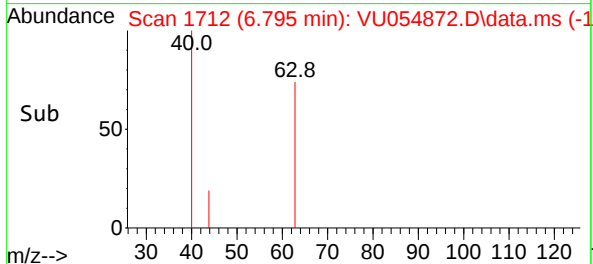
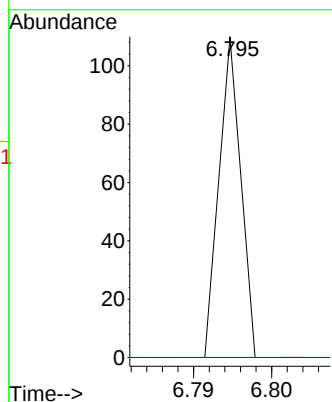
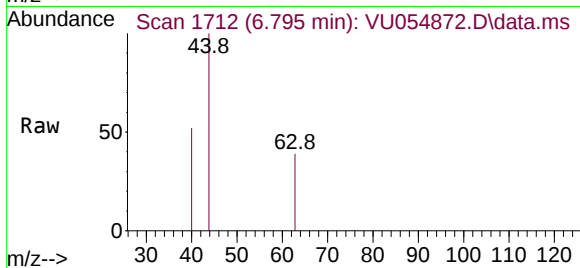
ClientSampleId :

Tgt Ion: 63 Resp: 21

Ion Ratio Lower Upper

63 100

65 0.0 24.3 36.5#



#39

Methacrylonitrile

Concen: 0.025 ug/l

RT: 4.959 min Scan# 1141

Delta R.T. -0.019 min

Lab File: VU054872.D

Acq: 25 Jul 2023 17:34

Tgt Ion: 41 Resp: 42

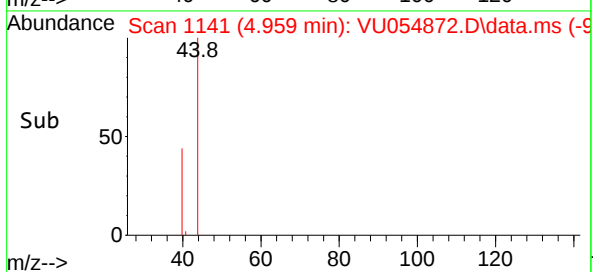
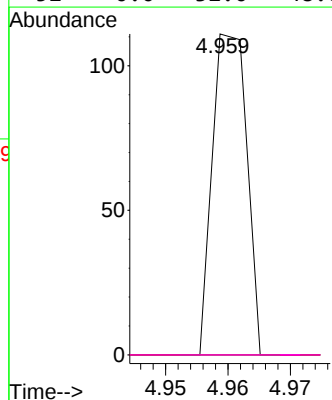
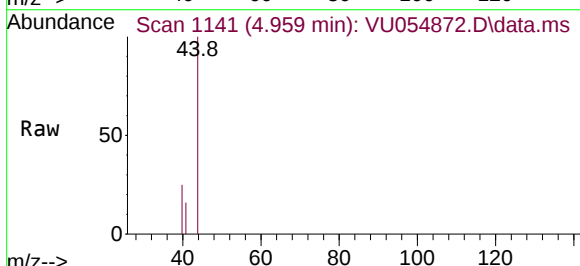
Ion Ratio Lower Upper

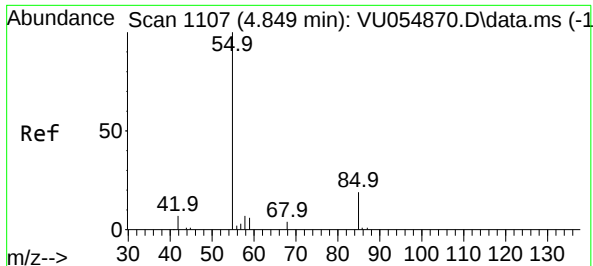
41 100

67 0.0 77.0 115.4#

39 50.0 50.4 75.6#

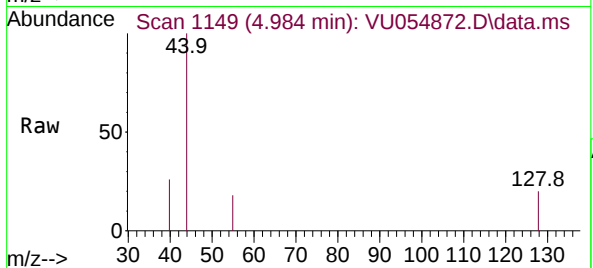
52 0.0 32.0 48.0#



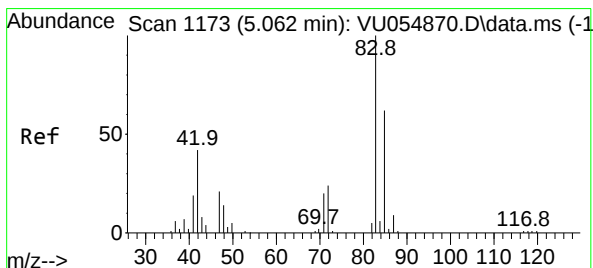
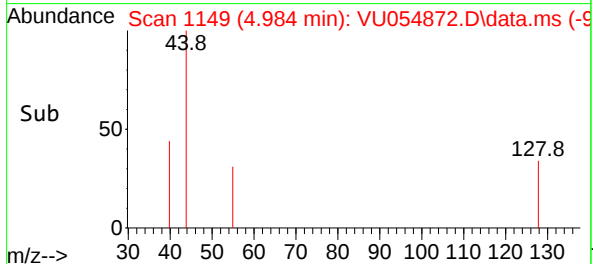
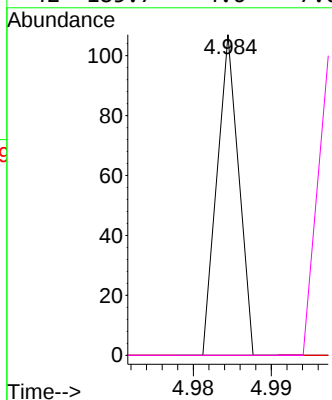


#40
Methyl acrylate
Concen: 0.008 ug/l
RT: 4.984 min Scan# 1149
Delta R.T. 0.135 min
Lab File: VU054872.D
Acq: 25 Jul 2023 17:34

Instrument :
MSVOA_U
ClientSampleId :

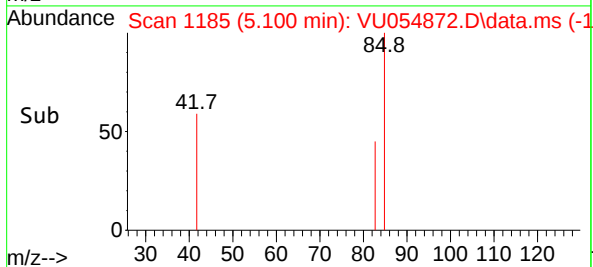
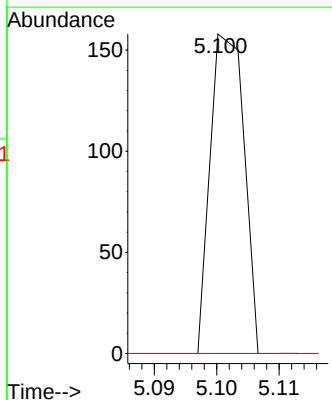
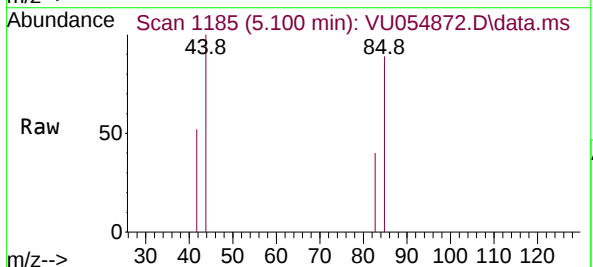


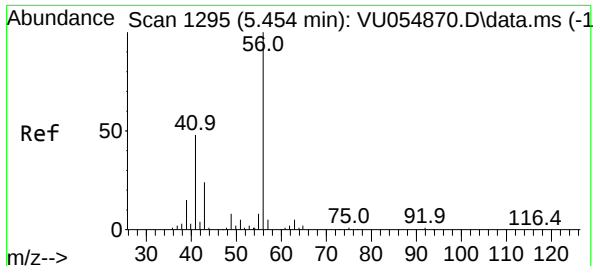
Tgt Ion:	55	Resp:	21
Ion	Ratio	Lower	Upper
55	100		
85	0.0	13.0	19.6#
58	0.0	5.7	8.5#
42	185.7	4.6	7.0#



#41
Tetrahydrofuran
Concen: 0.060 ug/l
RT: 5.100 min Scan# 1185
Delta R.T. 0.039 min
Lab File: VU054872.D
Acq: 25 Jul 2023 17:34

Tgt Ion:	42	Resp:	59
Ion	Ratio	Lower	Upper
42	100		
72	0.0	42.1	63.1#
71	0.0	39.7	59.5#





#42

1-Chlorobutane

Concen: 0.029 ug/l

RT: 5.464 min Scan# 11

Delta R.T. 0.010 min

Lab File: VU054872.D

Acq: 25 Jul 2023 17:34

Instrument :

MSVOA_U

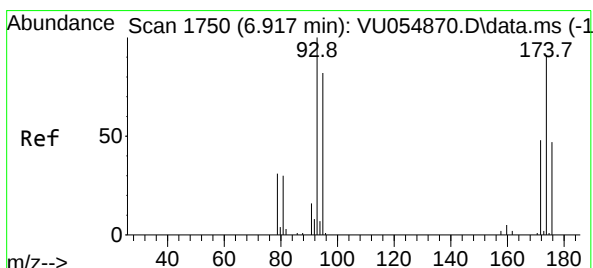
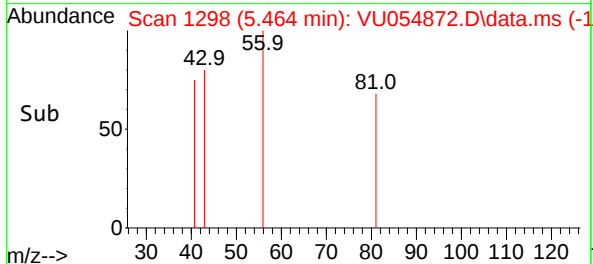
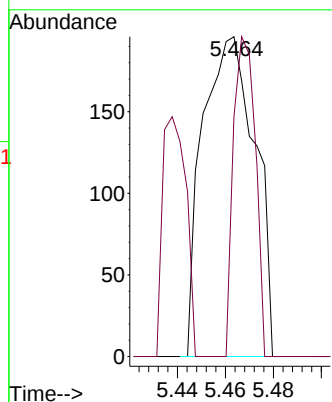
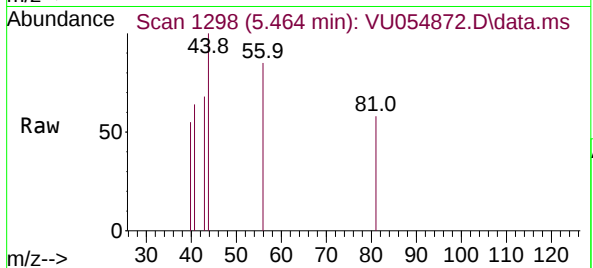
ClientSampleId :

Tgt Ion: 56 Resp: 296

Ion Ratio Lower Upper

56 100

41 41.9 23.9 71.7



#43

Dibromomethane

Concen: 0.027 ug/l

RT: 6.914 min Scan# 1749

Delta R.T. -0.003 min

Lab File: VU054872.D

Acq: 25 Jul 2023 17:34

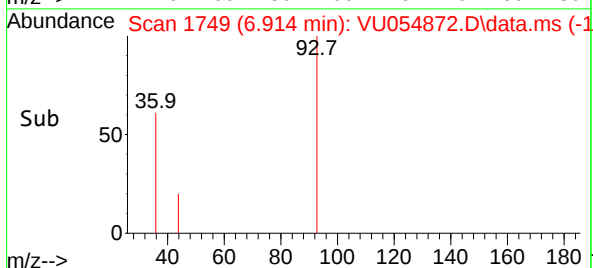
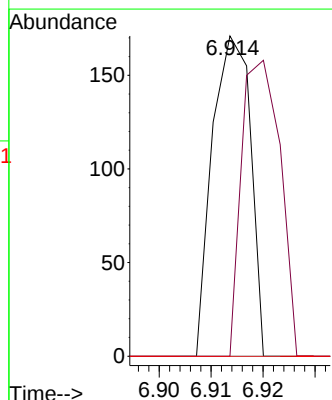
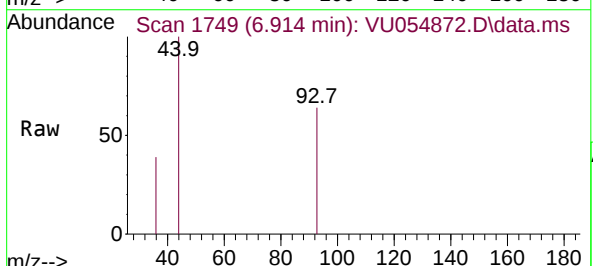
Tgt Ion: 93 Resp: 87

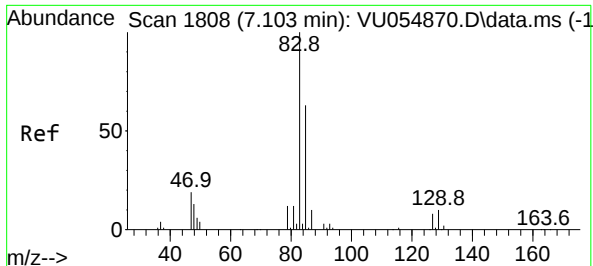
Ion Ratio Lower Upper

93 100

95 93.1 64.7 97.1

174 0.0 74.4 111.6#

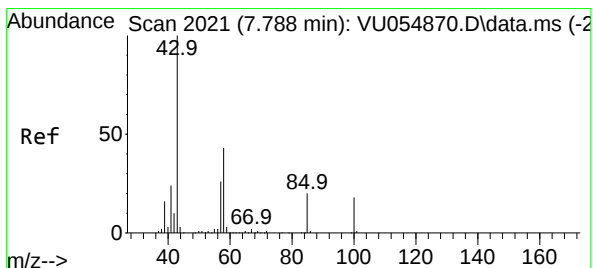
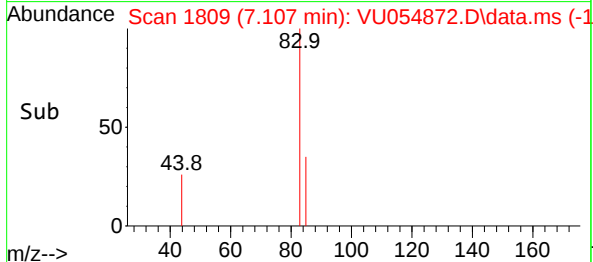
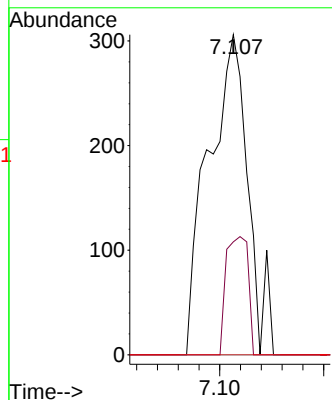
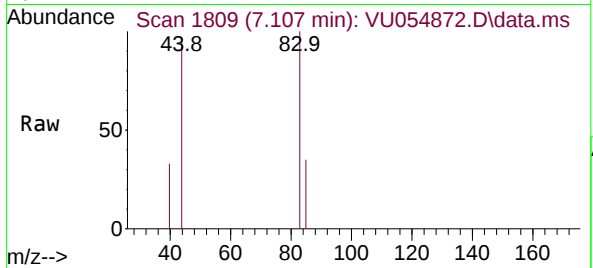




#44
Bromodichloromethane
Concen: 0.045 ug/l
RT: 7.107 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU054872.D
Acq: 25 Jul 2023 17:34

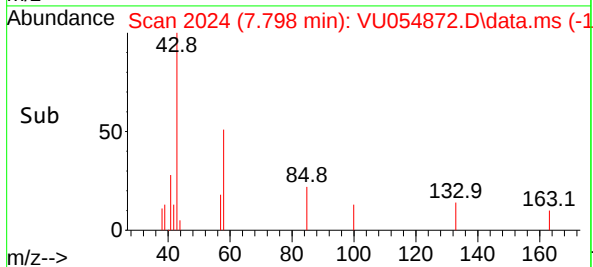
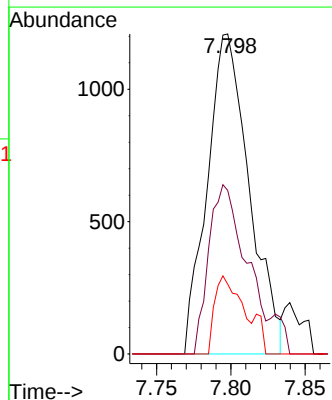
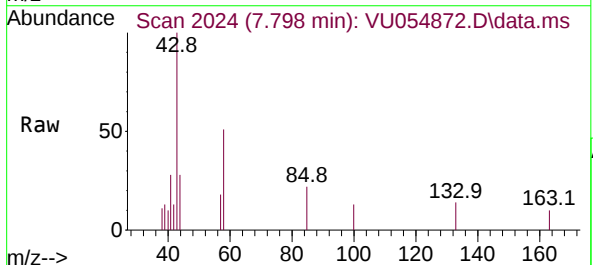
Instrument :
MSVOA_U
ClientSampleId :

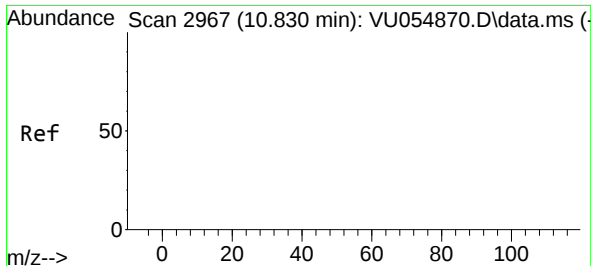
Tgt Ion: 83 Resp: 406
Ion Ratio Lower Upper
83 100
85 35.3 52.2 78.2#
127 0.0 6.1 9.1#



#45
4-Methyl-2-Pentanone
Concen: 0.632 ug/l
RT: 7.798 min Scan# 2024
Delta R.T. 0.010 min
Lab File: VU054872.D
Acq: 25 Jul 2023 17:34

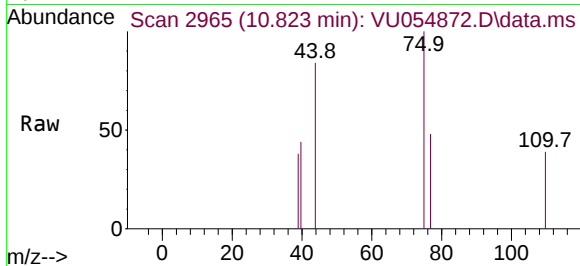
Tgt Ion: 43 Resp: 2381
Ion Ratio Lower Upper
43 100
58 47.7 21.3 63.7
85 17.7 15.3 22.9



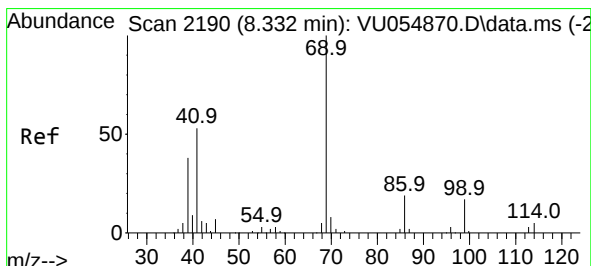
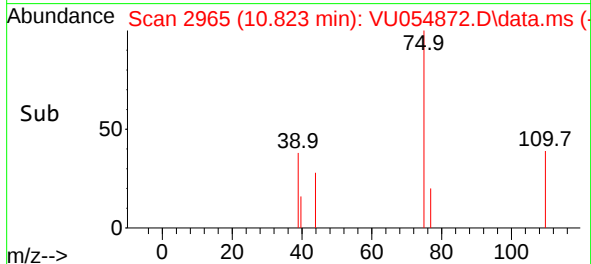
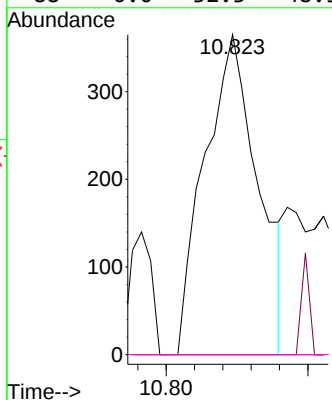


#46
t-1,4-Dichloro-2-butene
Concen: 0.315 ug/l
RT: 10.823 min Scan# 2965
Delta R.T. -0.006 min
Lab File: VU054872.D
Acq: 25 Jul 2023 17:34

Instrument :
MSVOA_U
ClientSampleId :

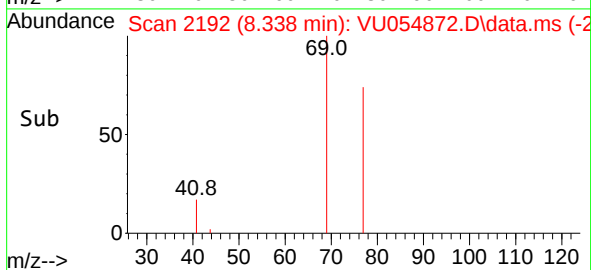
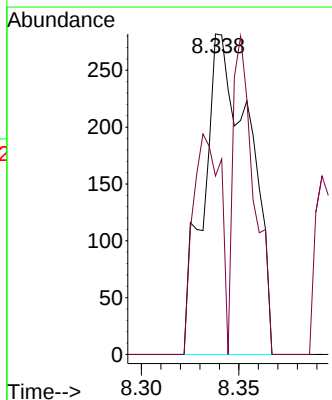
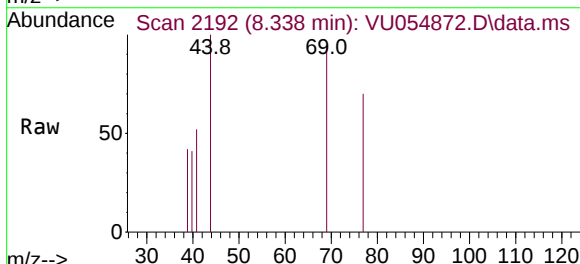


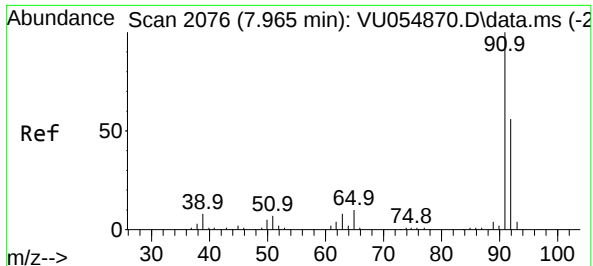
Tgt Ion	Ratio	Lower	Upper
75	100		
53	4.6	62.9	94.3#
89	70.1	47.8	71.8
88	0.0	32.3	48.5#



#48
Ethyl methacrylate
Concen: 0.077 ug/l
RT: 8.338 min Scan# 2192
Delta R.T. 0.006 min
Lab File: VU054872.D
Acq: 25 Jul 2023 17:34

Tgt Ion	Ratio	Lower	Upper
69	100		
41	40.7	28.8	86.5





#49

Toluene

Concen: 0.070 ug/l

RT: 7.971 min Scan# 2076

Delta R.T. 0.006 min

Lab File: VU054872.D

Acq: 25 Jul 2023 17:34

Instrument :

MSVOA_U

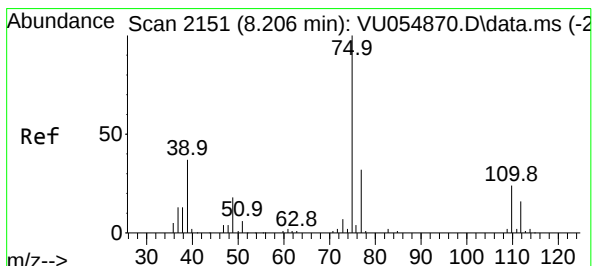
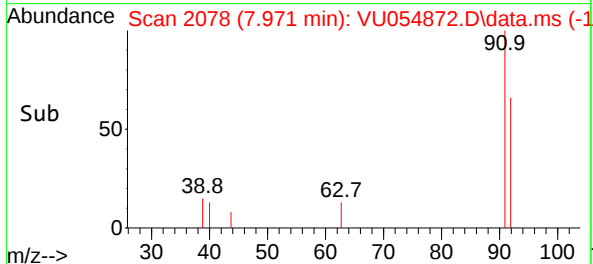
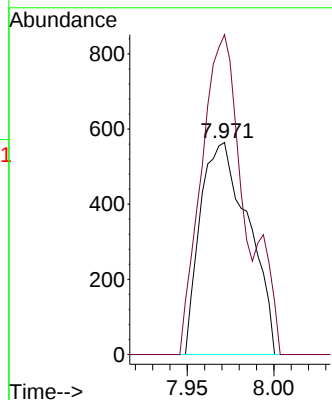
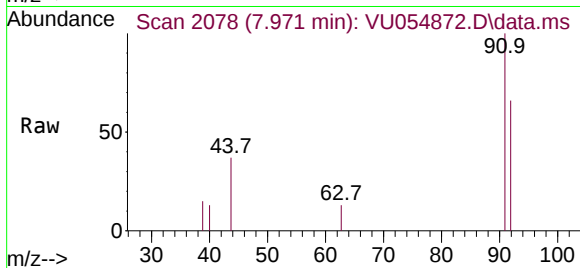
ClientSampleId :

Tgt Ion: 92 Resp: 1089

Ion Ratio Lower Upper

92 100

91 119.8 142.9 214.3#



#50

t-1,3-Dichloropropene

Concen: 0.070 ug/l

RT: 8.206 min Scan# 2151

Delta R.T. 0.000 min

Lab File: VU054872.D

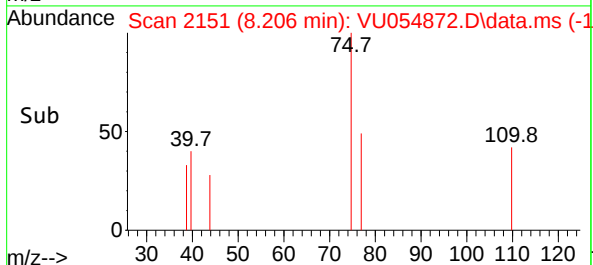
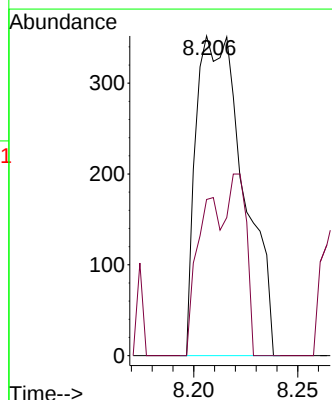
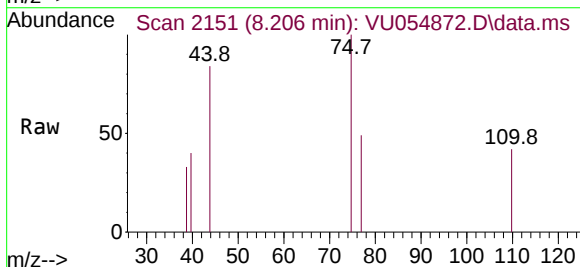
Acq: 25 Jul 2023 17:34

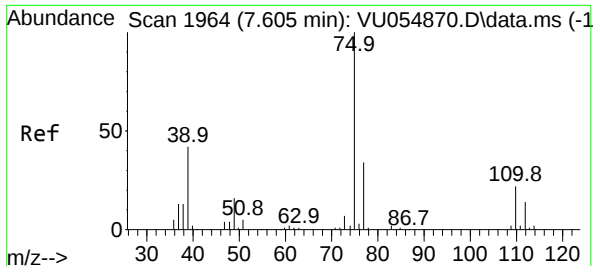
Tgt Ion: 75 Resp: 562

Ion Ratio Lower Upper

75 100

77 48.9 24.9 37.3#





#51

cis-1,3-Dichloropropene

Concen: 0.048 ug/l

RT: 7.608 min Scan# 1964

Delta R.T. 0.003 min

Lab File: VU054872.D

Acq: 25 Jul 2023 17:34

Instrument :

MSVOA_U

ClientSampleId :

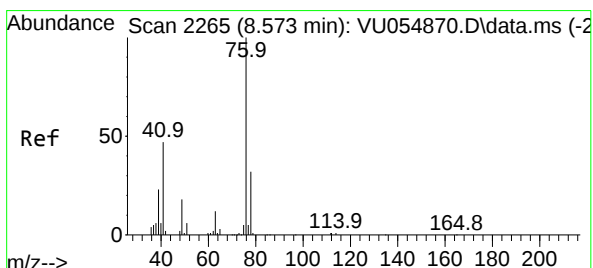
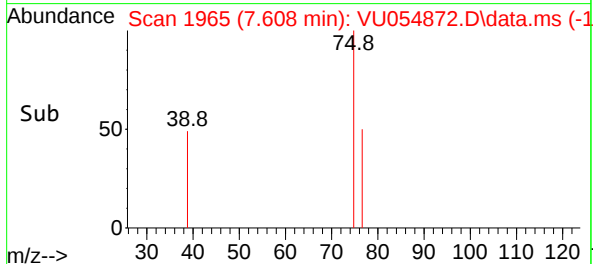
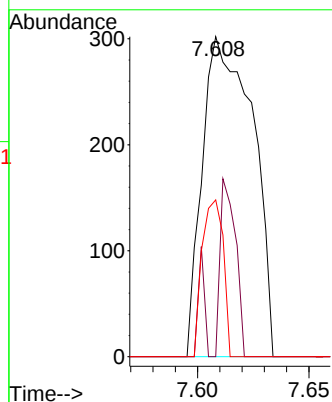
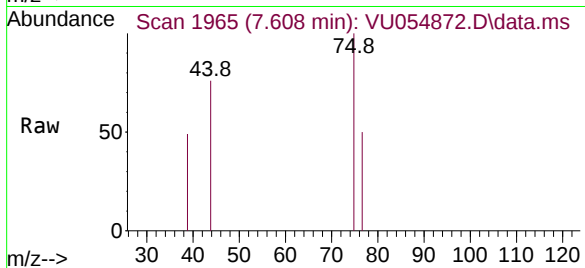
Tgt Ion: 75 Resp: 473

Ion Ratio Lower Upper

75 100

77 0.0 25.8 38.8#

39 49.0 31.7 47.5#



#53

1,3-Dichloropropane

Concen: 0.022 ug/l

RT: 8.563 min Scan# 2262

Delta R.T. -0.010 min

Lab File: VU054872.D

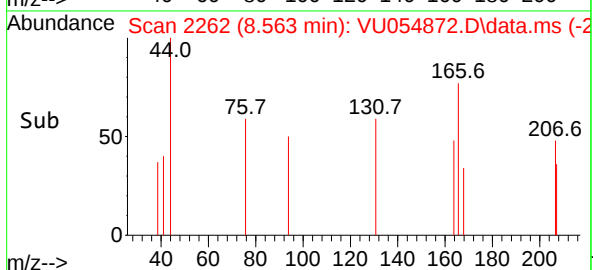
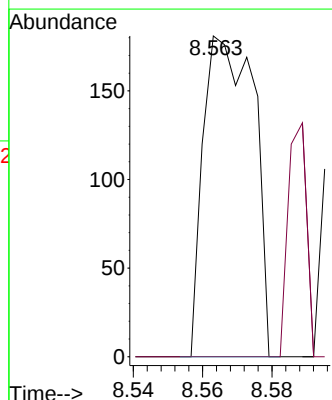
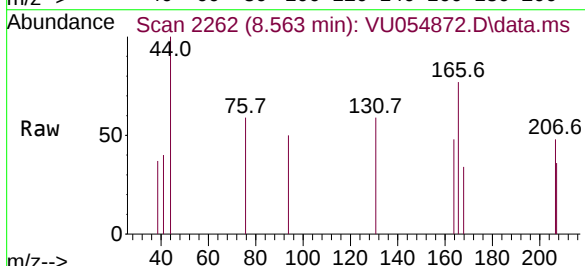
Acq: 25 Jul 2023 17:34

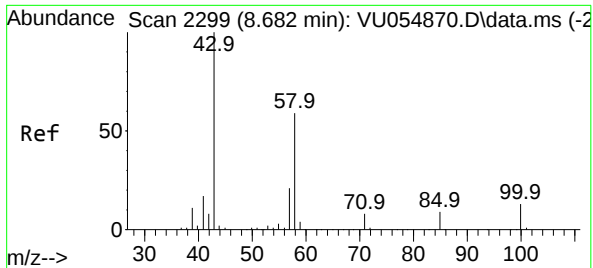
Tgt Ion: 76 Resp: 182

Ion Ratio Lower Upper

76 100

78 0.0 24.6 36.8#

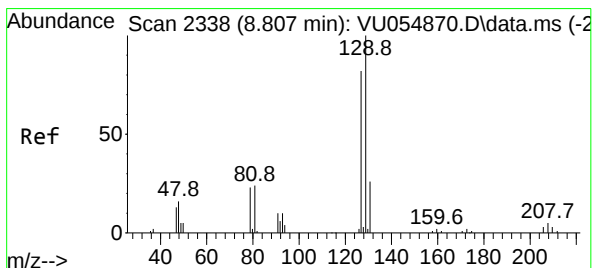
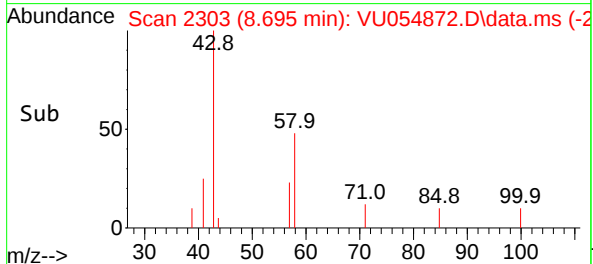
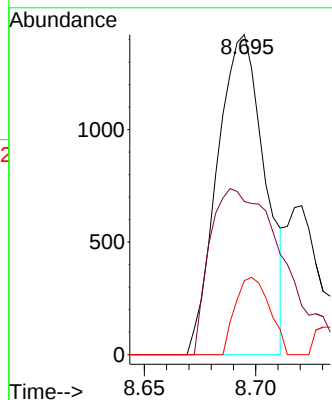
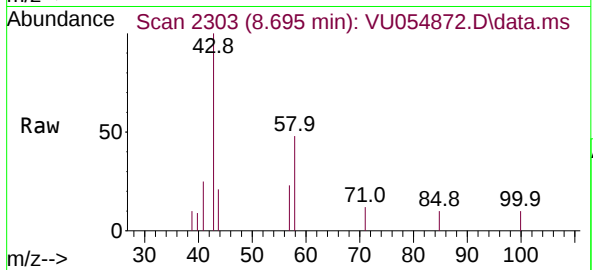




#54
2-Hexanone
Concen: 0.792 ug/l
RT: 8.695 min Scan# 2121
Delta R.T. 0.013 min
Lab File: VU054872.D
Acq: 25 Jul 2023 17:34

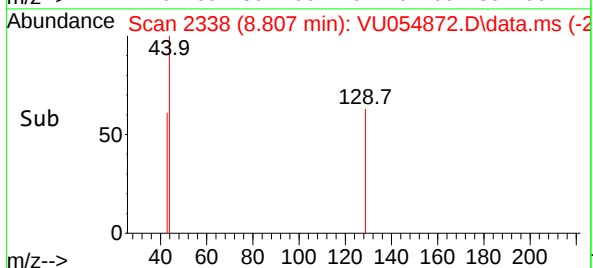
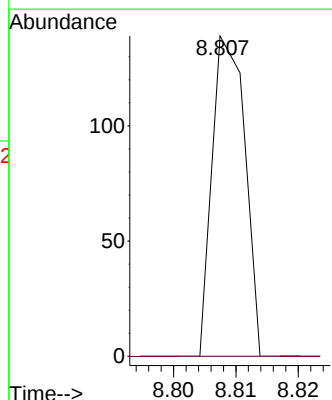
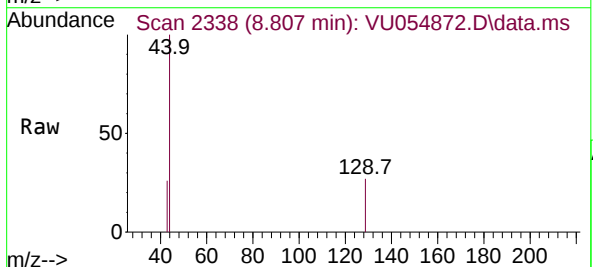
Instrument :
MSVOA_U
ClientSampleId :

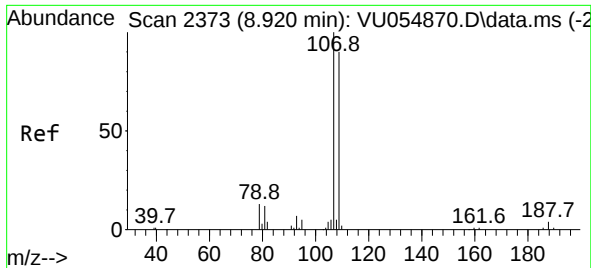
Tgt Ion: 43 Resp: 2121
Ion Ratio Lower Upper
43 100
58 79.6 38.9 78.9#
57 17.4 0.0 38.7



#55
Dibromochloromethane
Concen: 0.009 ug/l
RT: 8.807 min Scan# 2338
Delta R.T. 0.000 min
Lab File: VU054872.D
Acq: 25 Jul 2023 17:34

Tgt Ion: 129 Resp: 51
Ion Ratio Lower Upper
129 100
127 0.0 61.4 92.0#

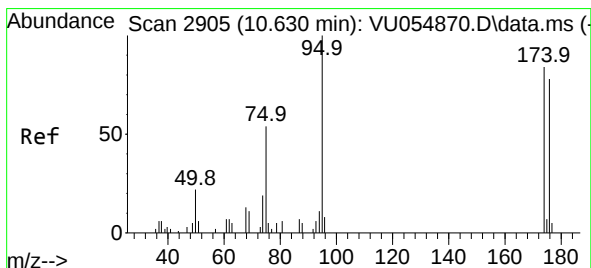
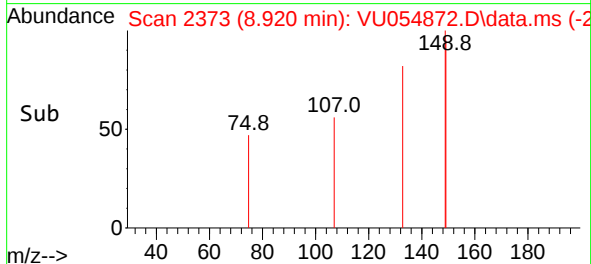
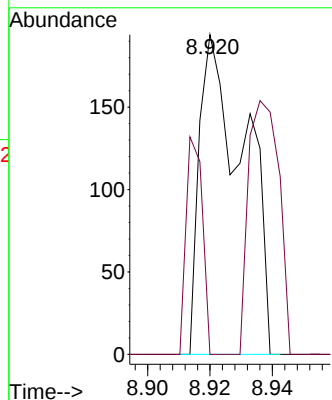
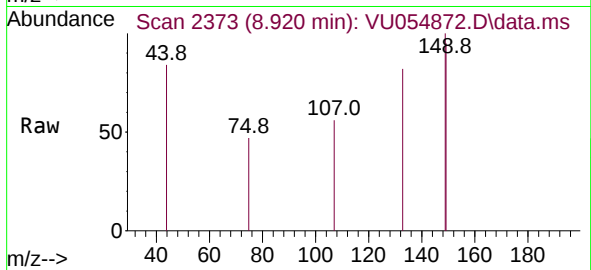




#56
1,2-Dibromoethane
Concen: 0.044 ug/l
RT: 8.920 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU054872.D
Acq: 25 Jul 2023 17:34

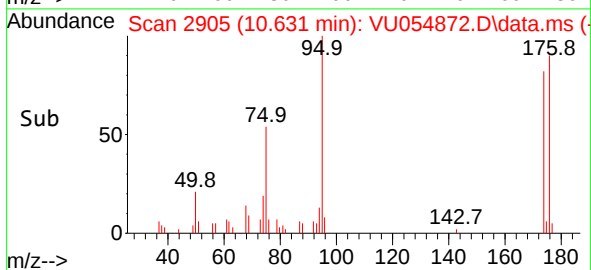
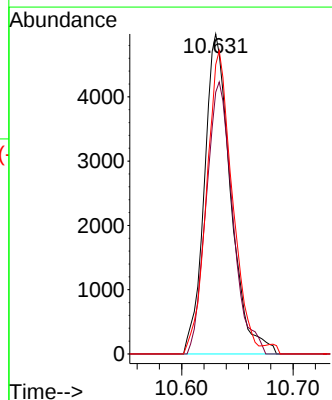
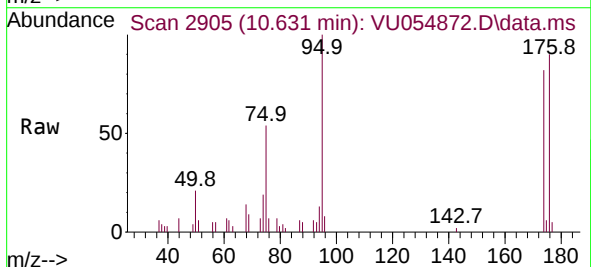
Instrument :
MSVOA_U
ClientSampleId :

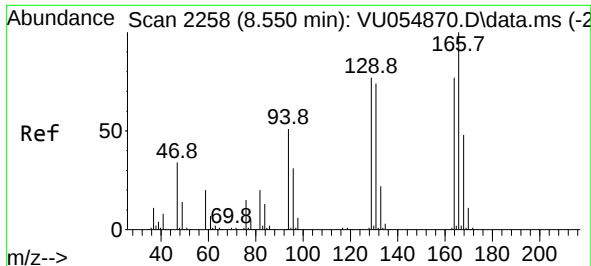
Tgt Ion:107 Resp: 192
Ion Ratio Lower Upper
107 100
109 25.0 0.0 185.4



#57
4-Bromofluorobenzene
Concen: 0.996 ug/l
RT: 10.631 min Scan# 2905
Delta R.T. 0.000 min
Lab File: VU054872.D
Acq: 25 Jul 2023 17:34

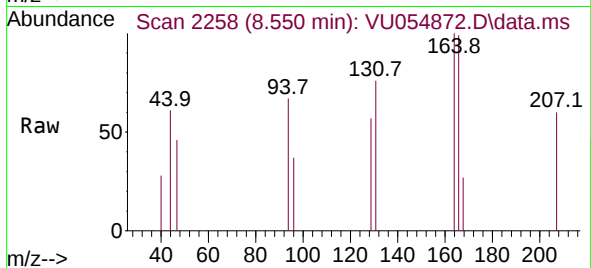
Tgt Ion: 95 Resp: 8158
Ion Ratio Lower Upper
95 100
174 85.2 79.3 118.9
176 92.9 71.5 107.3



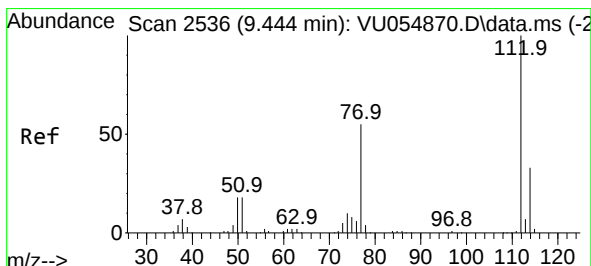
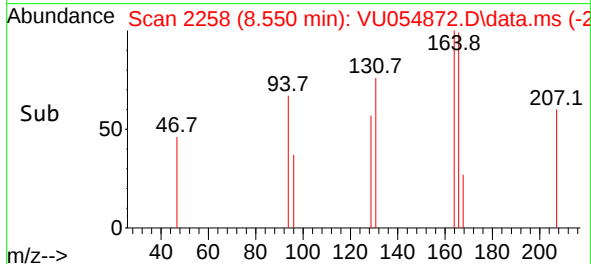
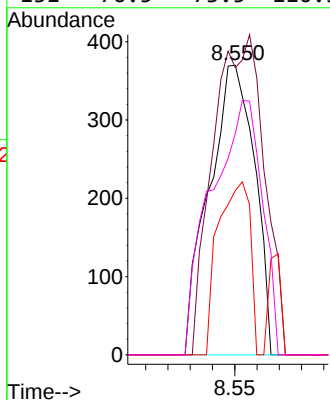


#58
Tetrachloroethene
Concen: 0.092 ug/l
RT: 8.550 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU054872.D
Acq: 25 Jul 2023 17:34

Instrument :
MSVOA_U
ClientSampleId :

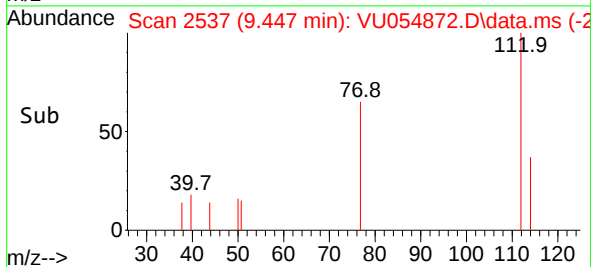
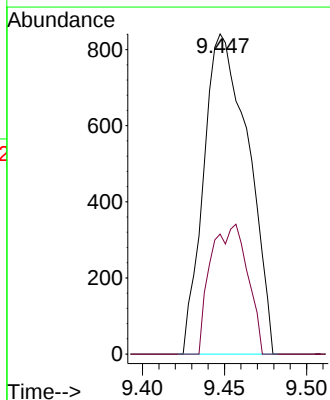
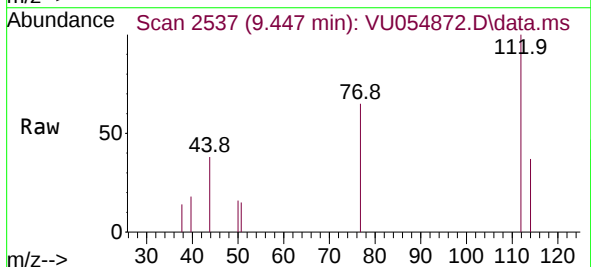


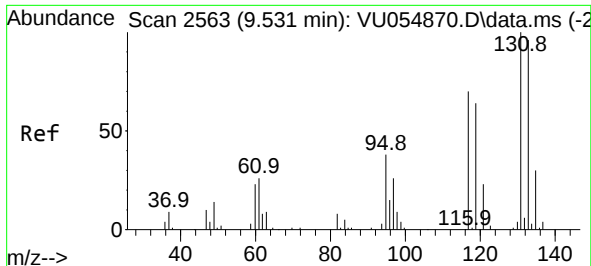
Tgt Ion:164 Resp: 527
Ion Ratio Lower Upper
164 100
166 99.2 100.4 150.6#
129 56.8 71.9 107.9#
131 76.5 73.5 110.3



#59
Chlorobenzene
Concen: 0.084 ug/l
RT: 9.447 min Scan# 2537
Delta R.T. 0.003 min
Lab File: VU054872.D
Acq: 25 Jul 2023 17:34

Tgt Ion:112 Resp: 1589
Ion Ratio Lower Upper
112 100
114 37.5 25.0 37.6

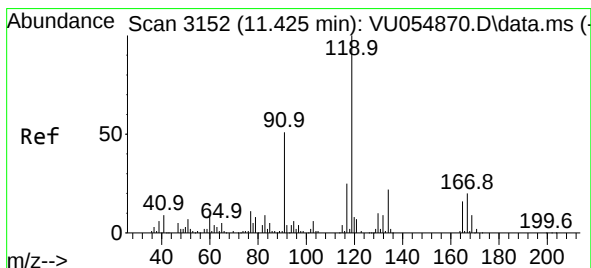
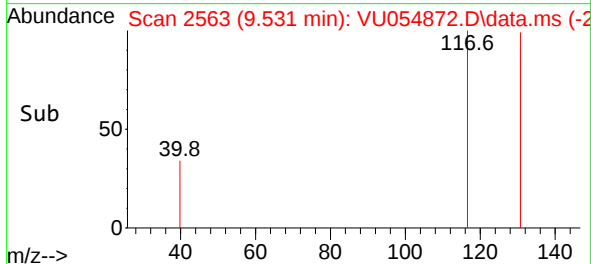
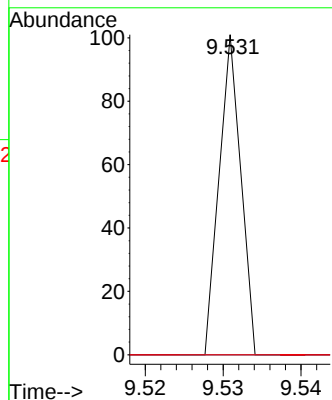
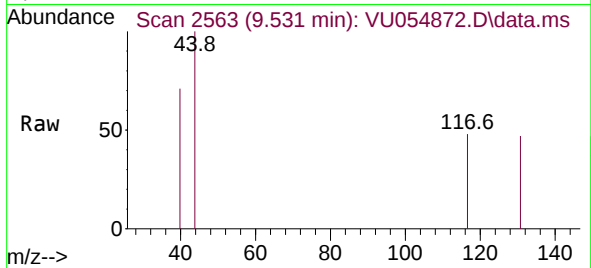




#60
1,1,1,2-Tetrachloroethane
Concen: 0.003 ug/l
RT: 9.531 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU054872.D
Acq: 25 Jul 2023 17:34

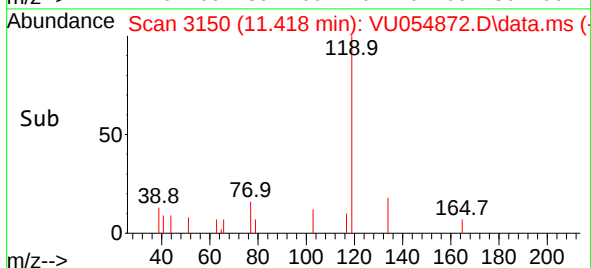
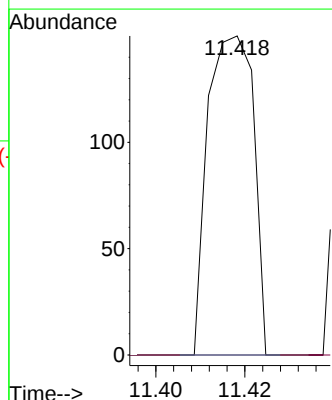
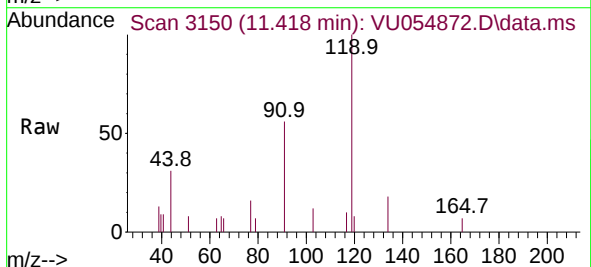
Instrument :
MSVOA_U
ClientSampleId :

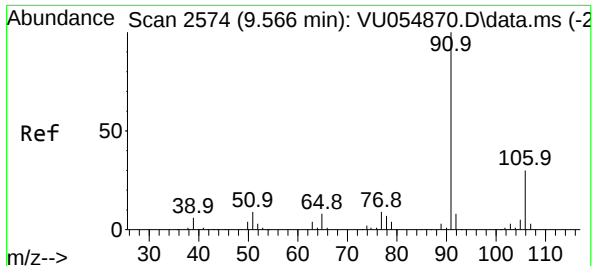
Tgt Ion:131 Resp: 19
Ion Ratio Lower Upper
131 100
133 0.0 74.2 111.4#
119 0.0 51.0 76.4#



#61
Pentachloroethane
Concen: 0.021 ug/l
RT: 11.418 min Scan# 3150
Delta R.T. -0.006 min
Lab File: VU054872.D
Acq: 25 Jul 2023 17:34

Tgt Ion:117 Resp: 107
Ion Ratio Lower Upper
117 100
167 0.0 65.3 97.9#





#63

Ethyl Benzene

Concen: 0.078 ug/l

RT: 9.573 min Scan# 21

Delta R.T. 0.007 min

Lab File: VU054872.D

Acq: 25 Jul 2023 17:34

Instrument :

MSVOA_U

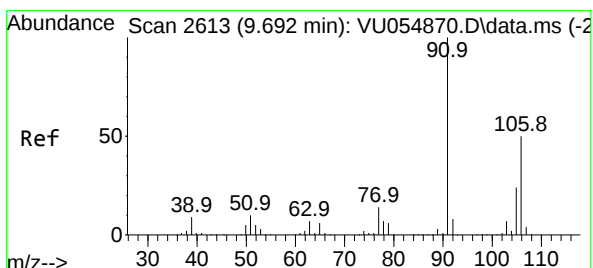
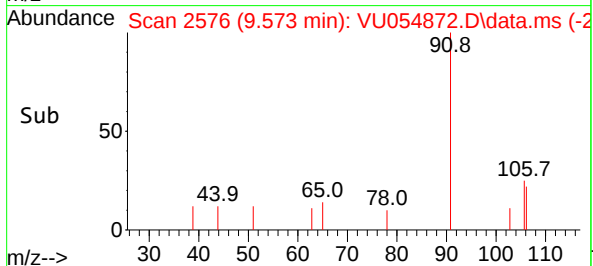
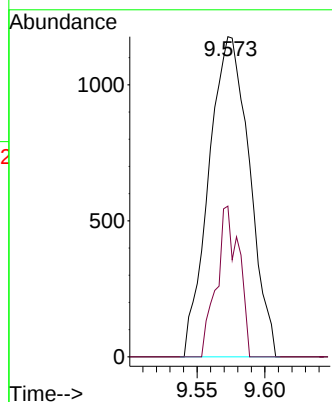
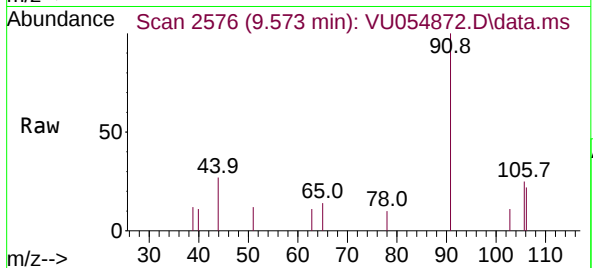
ClientSampleId :

Tgt Ion: 91 Resp: 2449

Ion Ratio Lower Upper

91 100

106 47.1 24.2 36.2#



#64

m/p-Xylenes

Concen: 0.158 ug/l

RT: 9.695 min Scan# 2614

Delta R.T. 0.003 min

Lab File: VU054872.D

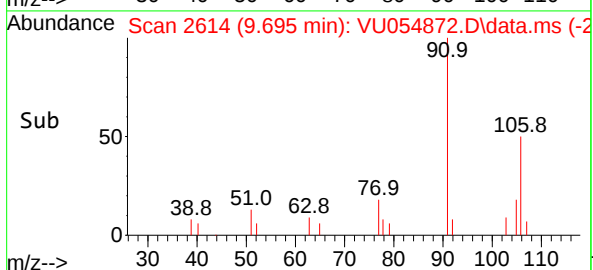
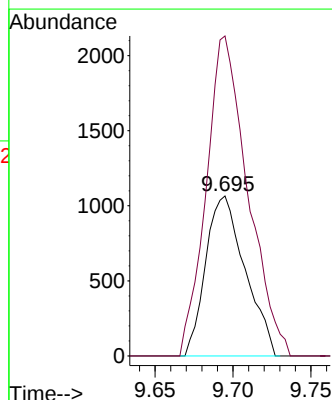
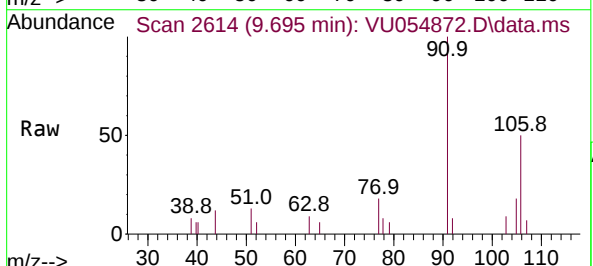
Acq: 25 Jul 2023 17:34

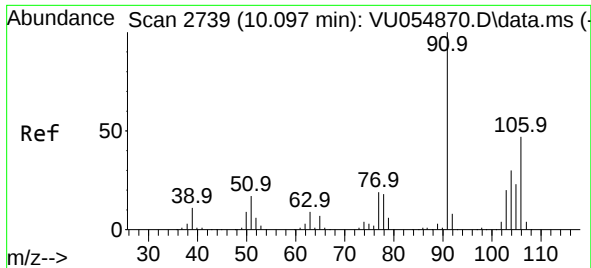
Tgt Ion:106 Resp: 1871

Ion Ratio Lower Upper

106 100

91 210.9 158.8 238.2

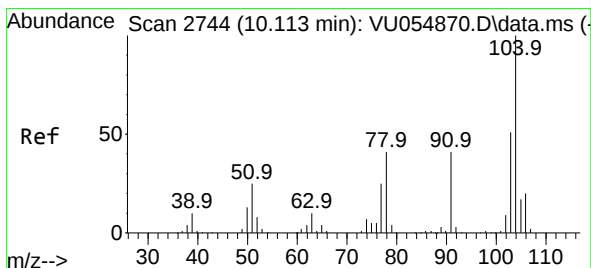
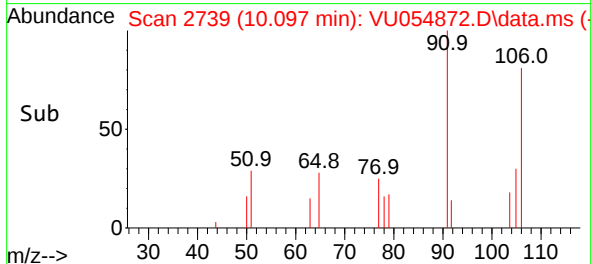
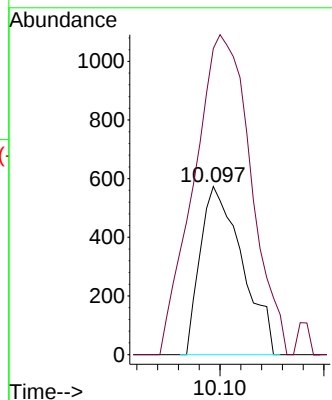
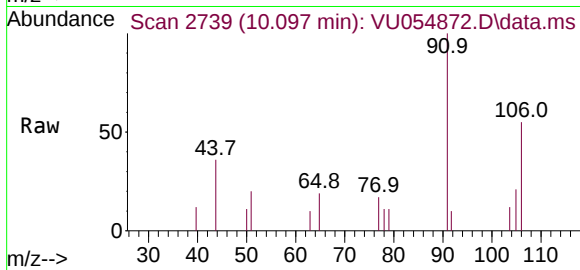




#65
o-Xylene
Concen: 0.066 ug/l
RT: 10.097 min Scan# 2739
Delta R.T. 0.000 min
Lab File: VU054872.D
Acq: 25 Jul 2023 17:34

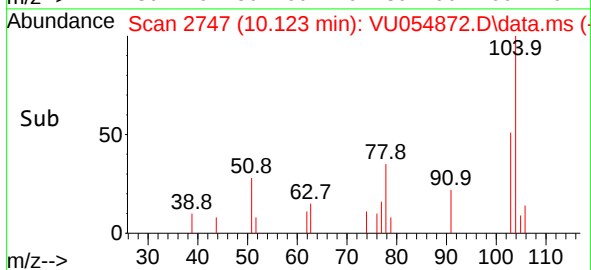
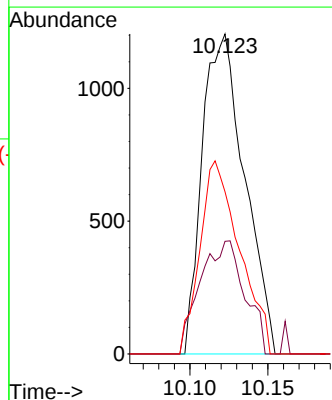
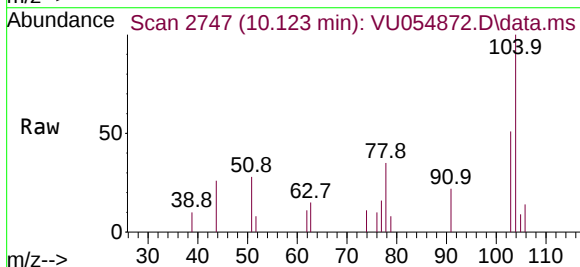
Instrument :
MSVOA_U
ClientSampleId :

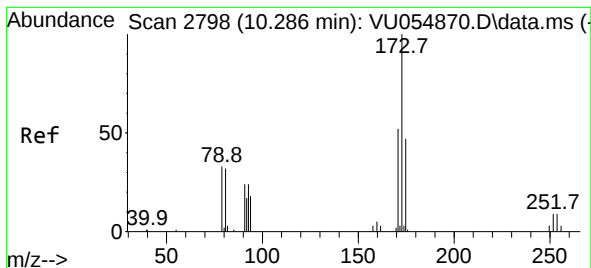
Tgt Ion:106 Resp: 801
Ion Ratio Lower Upper
106 100
91 259.1 108.9 326.8



#66
Styrene
Concen: 0.117 ug/l
RT: 10.123 min Scan# 2747
Delta R.T. 0.010 min
Lab File: VU054872.D
Acq: 25 Jul 2023 17:34

Tgt Ion:104 Resp: 2275
Ion Ratio Lower Upper
104 100
78 37.1 37.5 56.3#
103 56.5 45.2 67.8





#67

Bromoform

Concen: 0.026 ug/l

RT: 10.293 min Scan# 21

Delta R.T. 0.006 min

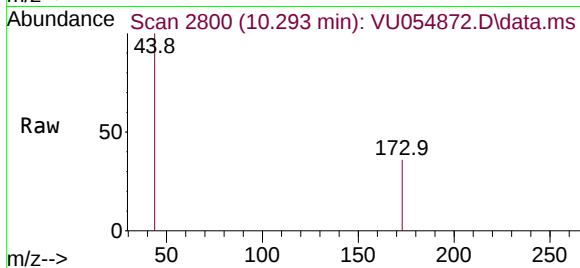
Lab File: VU054872.D

Acq: 25 Jul 2023 17:34

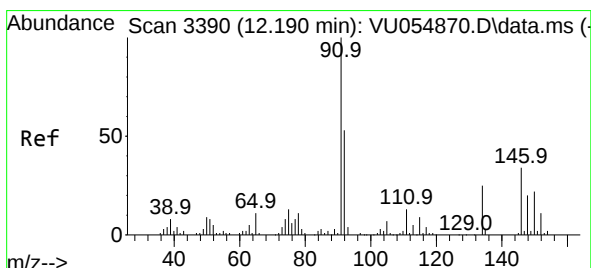
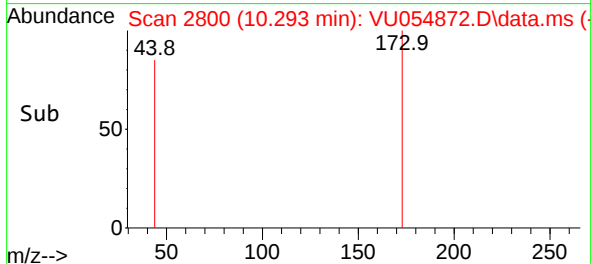
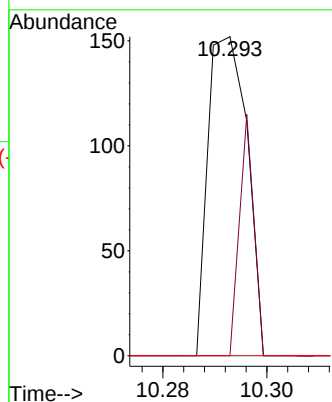
Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:	173	Resp:	79
Ion	Ratio	Lower	Upper
173	100		
175	27.8	39.0	58.6#
254	0.0	7.4	11.0#



#68

1,2-Dichlorobenzene-d4

Concen: 0.964 ug/l

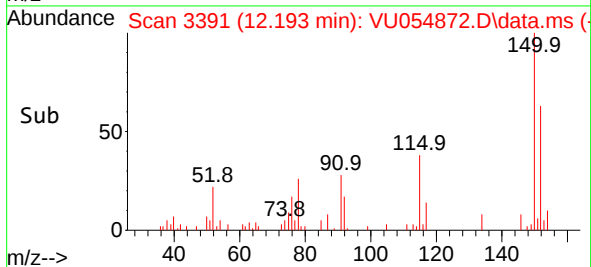
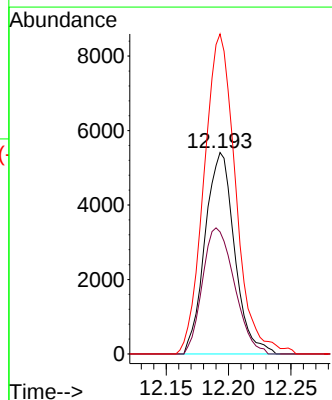
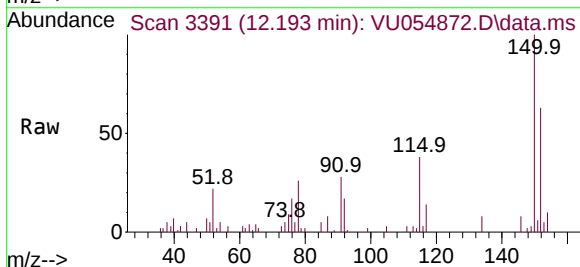
RT: 12.193 min Scan# 3391

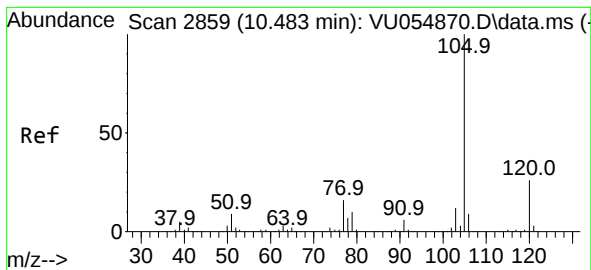
Delta R.T. 0.003 min

Lab File: VU054872.D

Acq: 25 Jul 2023 17:34

Tgt Ion:	152	Resp:	8923
Ion	Ratio	Lower	Upper
152	100		
115	67.6	0.0	234.8
150	170.4	0.0	598.2





#69

Isopropylbenzene

Concen: 0.083 ug/l

RT: 10.486 min Scan# 2859

Delta R.T. 0.003 min

Lab File: VU054872.D

Acq: 25 Jul 2023 17:34

Instrument :

MSVOA_U

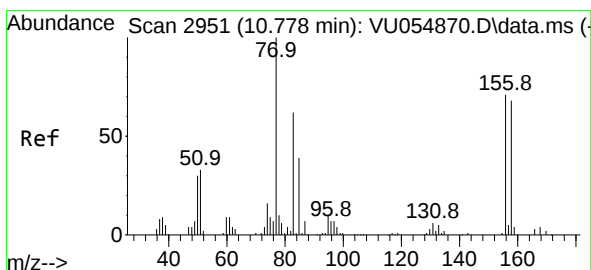
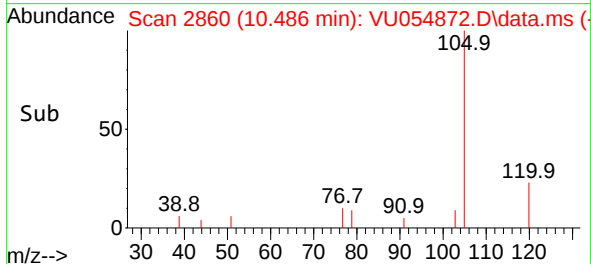
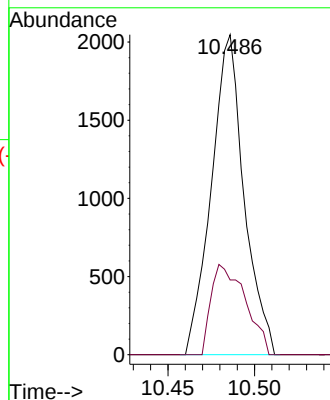
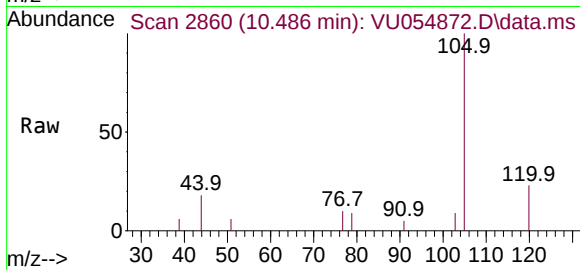
ClientSampleId :

Tgt Ion:105 Resp: 2690

Ion Ratio Lower Upper

105 100

120 29.5 12.6 37.6



#70

1,1,2,2-Tetrachloroethane

Concen: 0.057 ug/l

RT: 10.778 min Scan# 2951

Delta R.T. 0.000 min

Lab File: VU054872.D

Acq: 25 Jul 2023 17:34

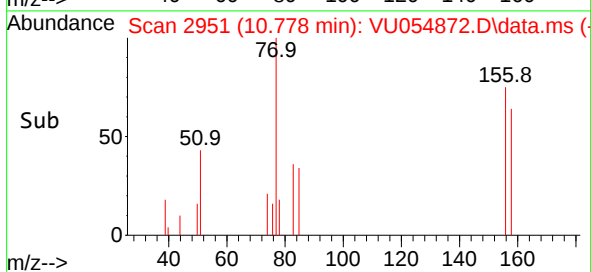
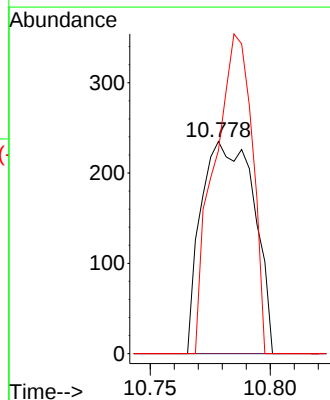
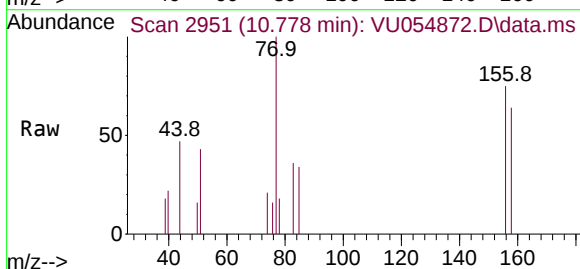
Tgt Ion: 83 Resp: 359

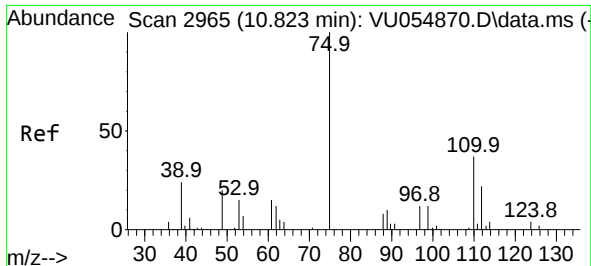
Ion Ratio Lower Upper

83 100

131 0.0 7.5 11.3#

85 108.4 53.0 79.6#

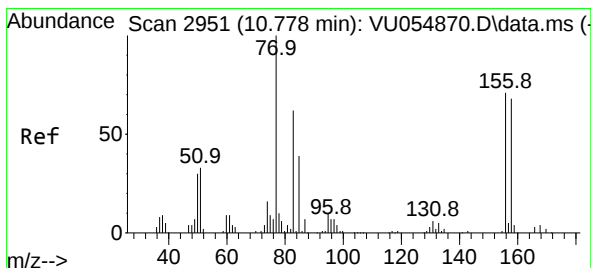
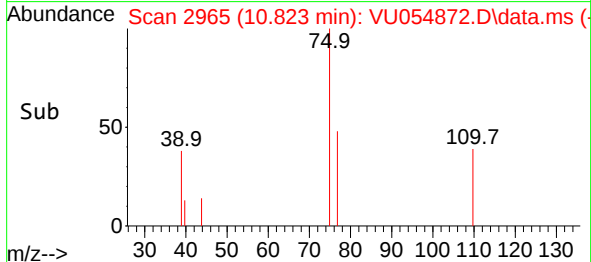
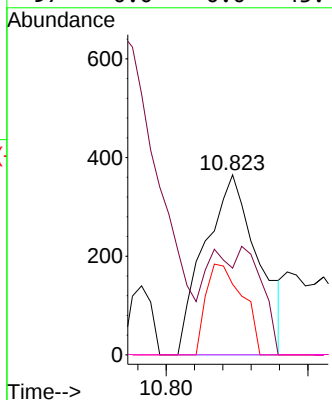
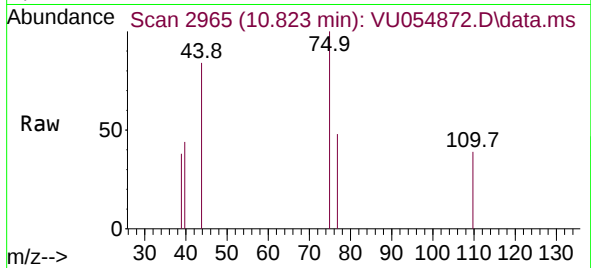




#71
1,2,3-Trichloropropane
Concen: 0.106 ug/l
RT: 10.823 min Scan# 2965
Delta R.T. 0.000 min
Lab File: VU054872.D
Acq: 25 Jul 2023 17:34

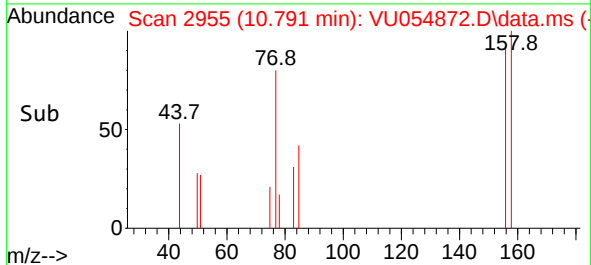
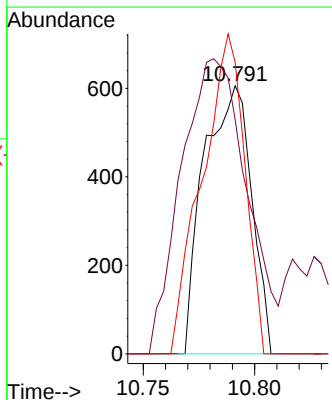
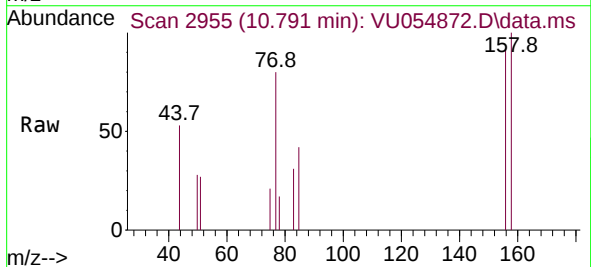
Instrument :
MSVOA_U
ClientSampleId :

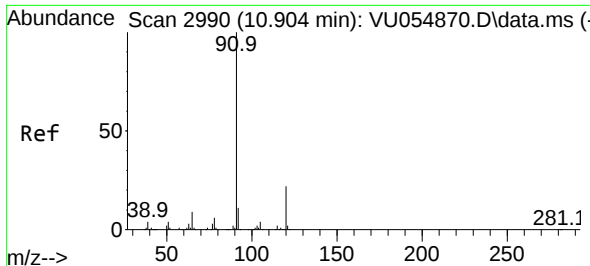
Tgt Ion:	75	Resp:	478
Ion	Ratio	Lower	Upper
75	100		
77	13.0	0.0	0.0#
110	34.5	0.0	80.8
97	0.0	0.0	43.4



#72
Bromobenzene
Concen: 0.124 ug/l
RT: 10.791 min Scan# 2955
Delta R.T. 0.013 min
Lab File: VU054872.D
Acq: 25 Jul 2023 17:34

Tgt Ion:	156	Resp:	898
Ion	Ratio	Lower	Upper
156	100		
77	152.3	0.0	293.2
158	107.1	0.0	189.8

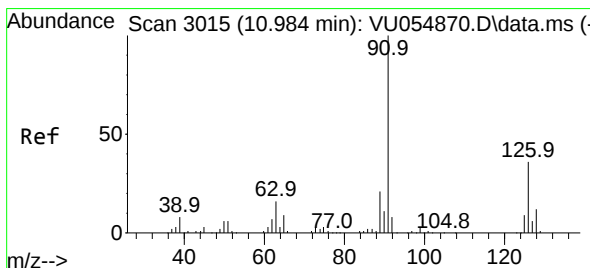
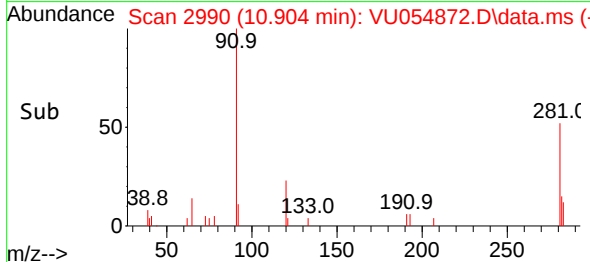
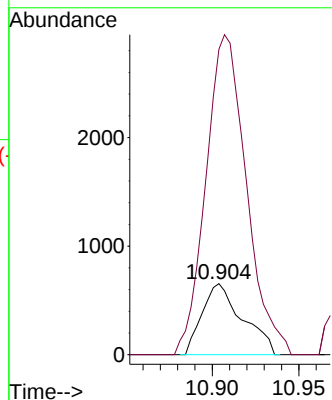
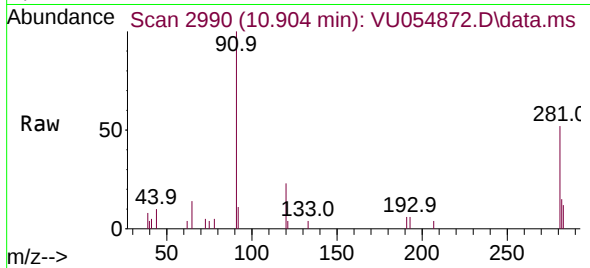




#73
n-propylbenzene
Concen: 0.122 ug/l
RT: 10.904 min Scan# 2990
Delta R.T. 0.000 min
Lab File: VU054872.D
Acq: 25 Jul 2023 17:34

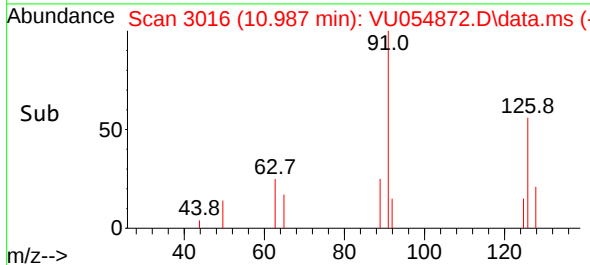
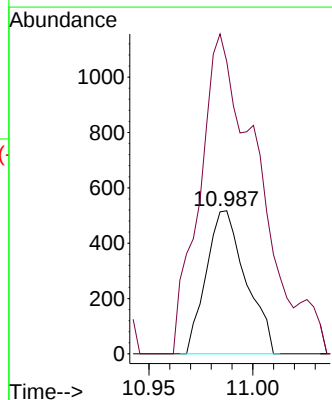
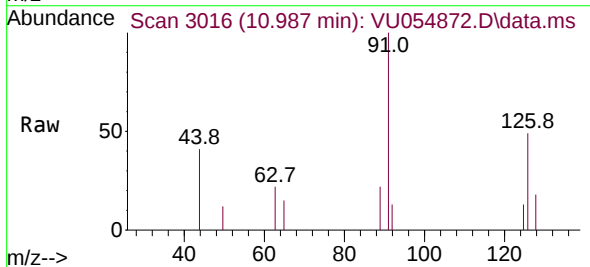
Instrument :
MSVOA_U
ClientSampleId :

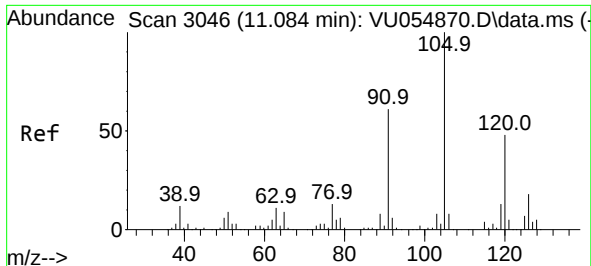
Tgt Ion:120 Resp: 1061
Ion Ratio Lower Upper
120 100
91 451.7 361.8 542.6



#74
2-Chlorotoluene
Concen: 0.091 ug/l
RT: 10.987 min Scan# 3016
Delta R.T. 0.003 min
Lab File: VU054872.D
Acq: 25 Jul 2023 17:34

Tgt Ion:126 Resp: 687
Ion Ratio Lower Upper
126 100
91 316.6 0.0 561.4

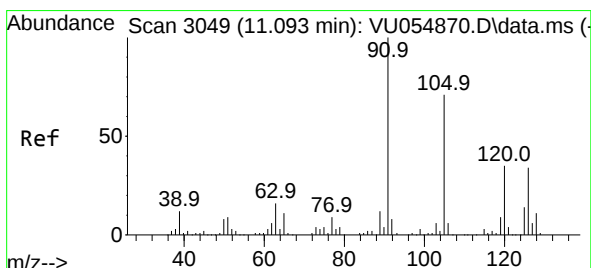
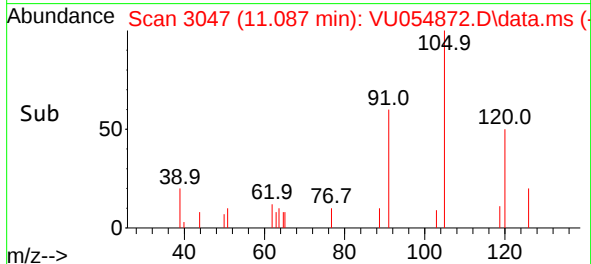
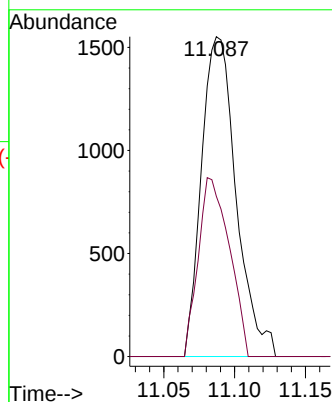
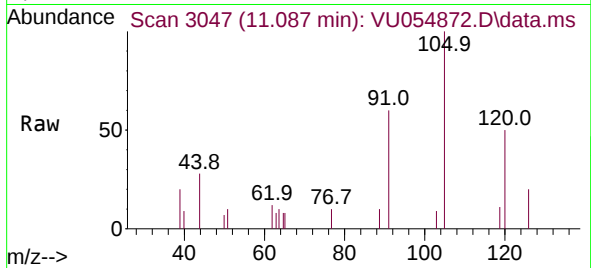




#75
1,3,5-Trimethylbenzene
Concen: 0.100 ug/l
RT: 11.087 min Scan# 3046
Delta R.T. 0.003 min
Lab File: VU054872.D
Acq: 25 Jul 2023 17:34

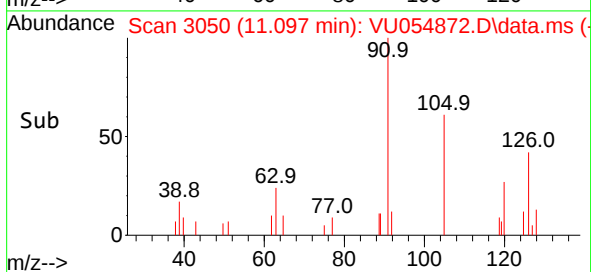
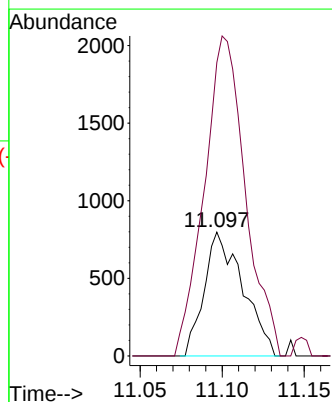
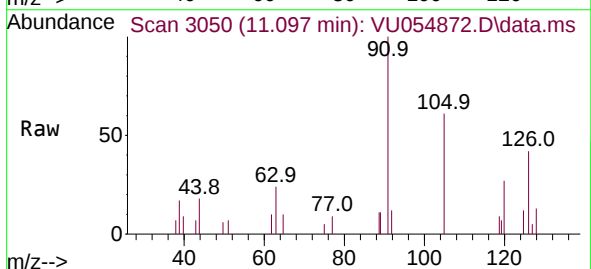
Instrument :
MSVOA_U
ClientSampleId :

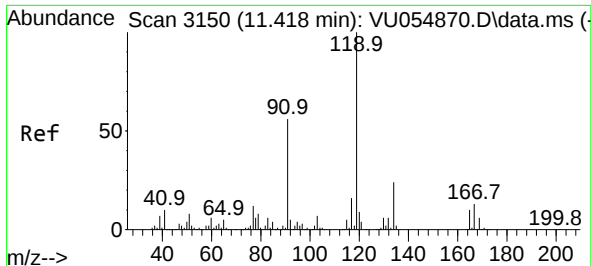
Tgt Ion:105 Resp: 2639
Ion Ratio Lower Upper
105 100
120 50.0 39.0 58.4



#76
4-Chlorotoluene
Concen: 0.167 ug/l
RT: 11.097 min Scan# 3050
Delta R.T. 0.003 min
Lab File: VU054872.D
Acq: 25 Jul 2023 17:34

Tgt Ion:126 Resp: 1308
Ion Ratio Lower Upper
126 100
91 274.2 0.0 623.4





#77

tert-Butylbenzene

Concen: 0.084 ug/l

RT: 11.418 min Scan# 3150

Delta R.T. 0.000 min

Lab File: VU054872.D

Acq: 25 Jul 2023 17:34

Instrument :

MSVOA_U

ClientSampleId :

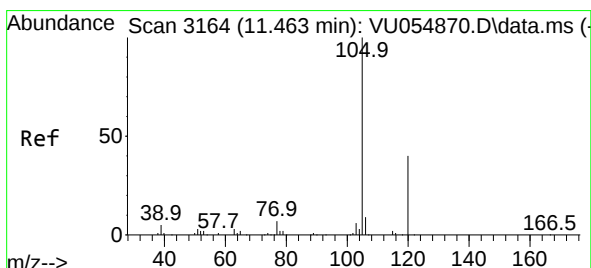
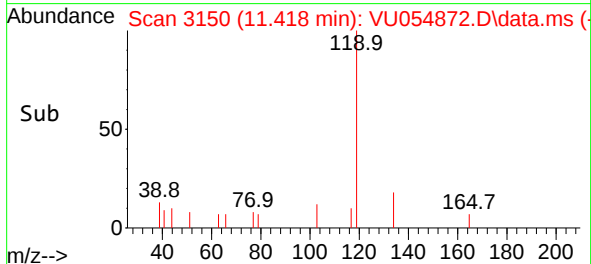
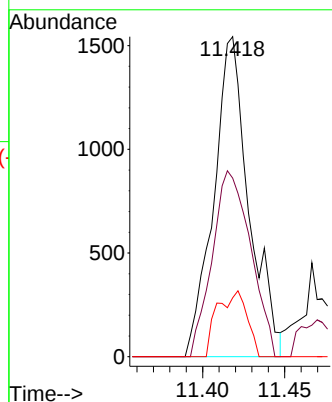
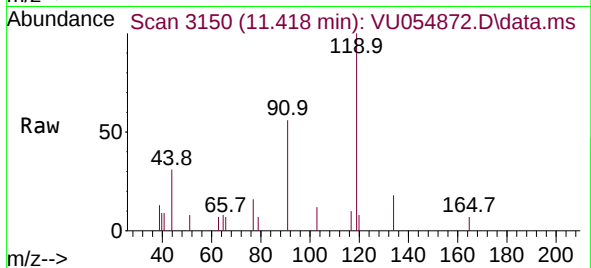
Tgt Ion:119 Resp: 2314

Ion Ratio Lower Upper

119 100

91 63.0 27.7 83.1

134 17.2 18.6 27.8#



#78

1,2,4-Trimethylbenzene

Concen: 0.124 ug/l

RT: 11.470 min Scan# 3166

Delta R.T. 0.007 min

Lab File: VU054872.D

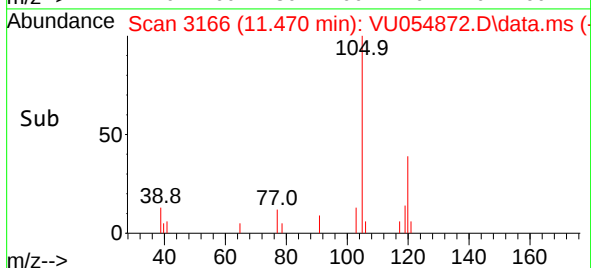
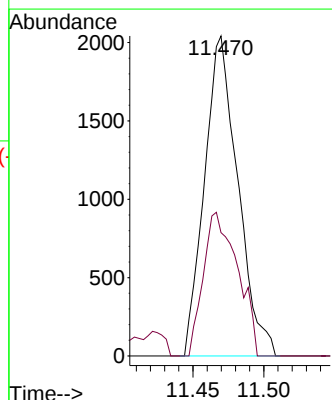
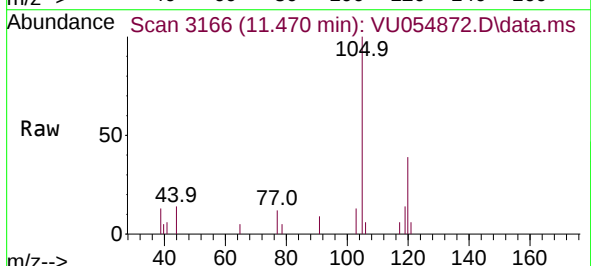
Acq: 25 Jul 2023 17:34

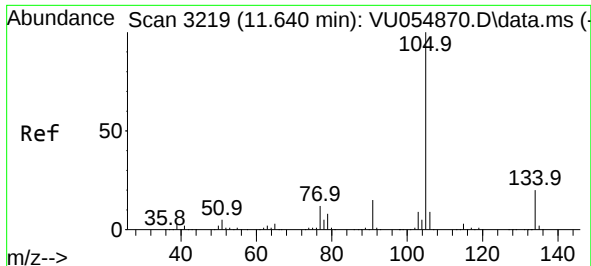
Tgt Ion:105 Resp: 3342

Ion Ratio Lower Upper

105 100

120 46.1 22.4 67.3

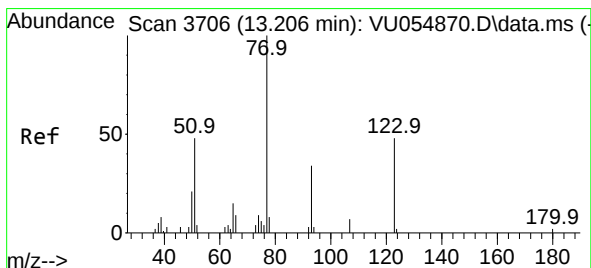
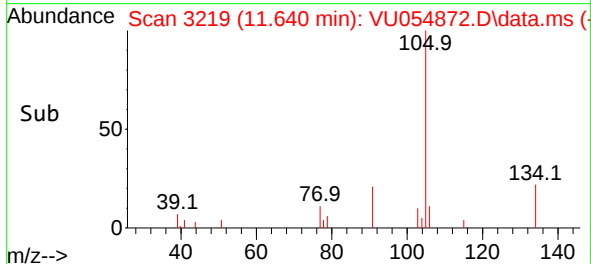
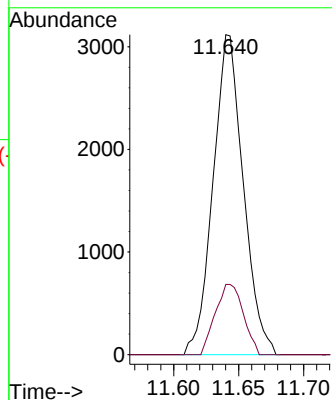
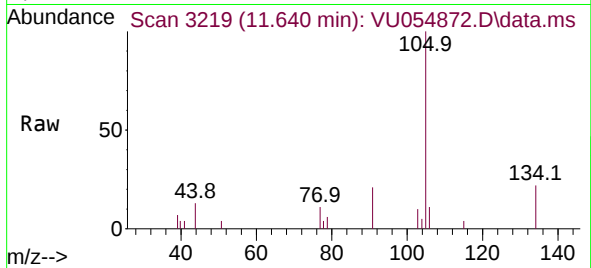




#79
 sec-Butylbenzene
 Concen: 0.141 ug/l
 RT: 11.640 min Scan# 3219
 Delta R.T. 0.000 min
 Lab File: VU054872.D
 Acq: 25 Jul 2023 17:34

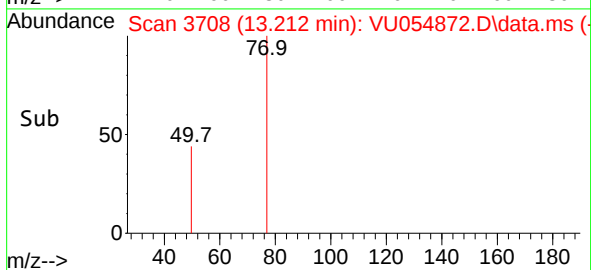
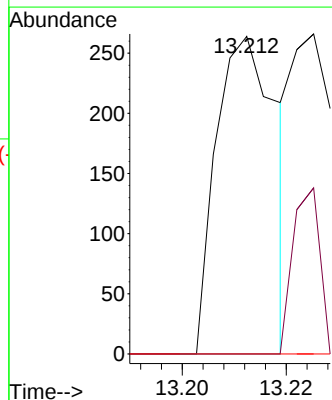
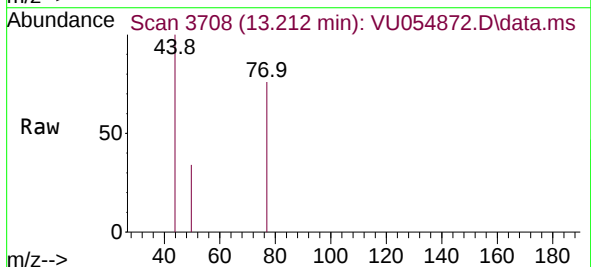
Instrument :
 MSVOA_U
 ClientSampleId :

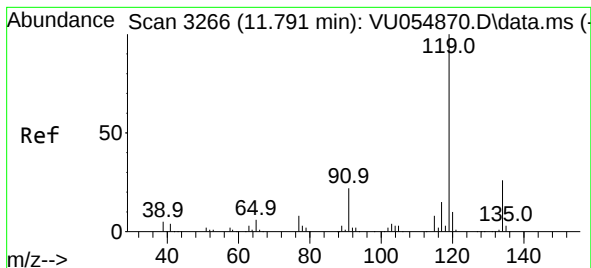
Tgt Ion: 105 Resp: 5038
 Ion Ratio Lower Upper
 105 100
 134 20.3 15.7 23.5



#80
 Nitrobenzene
 Concen: 1.273 ug/l
 RT: 13.212 min Scan# 3708
 Delta R.T. 0.006 min
 Lab File: VU054872.D
 Acq: 25 Jul 2023 17:34

Tgt Ion: 77 Resp: 212
 Ion Ratio Lower Upper
 77 100
 123 23.6 20.2 71.8
 65 0.0 11.7 14.9#





#81

p-Isopropyltoluene

Concen: 0.162 ug/l

RT: 11.794 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU054872.D

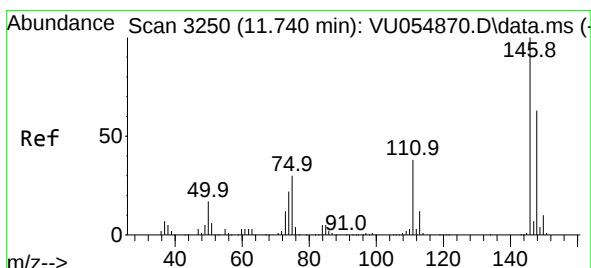
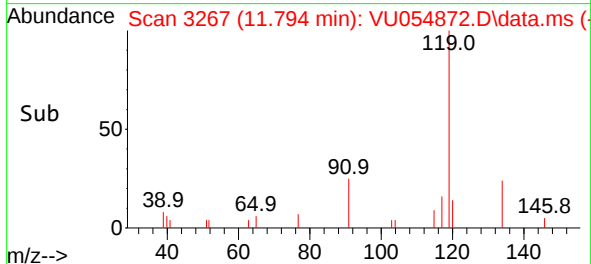
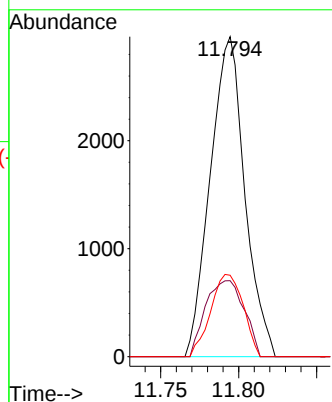
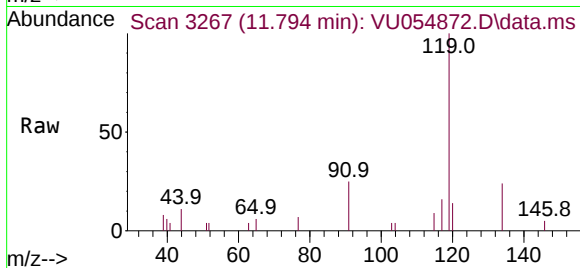
Acq: 25 Jul 2023 17:34

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:119	Resp:	4555
Ion Ratio	Lower	Upper
119	100	
134	26.5	20.6 31.0
91	24.3	18.2 27.4



#82

1,3-Dichlorobenzene

Concen: 0.215 ug/l

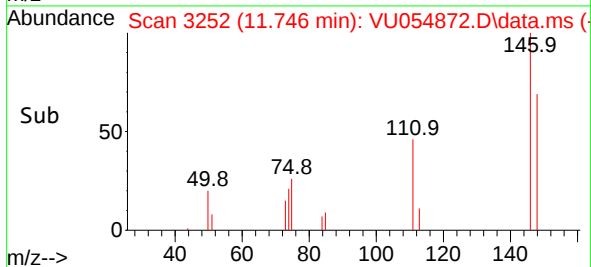
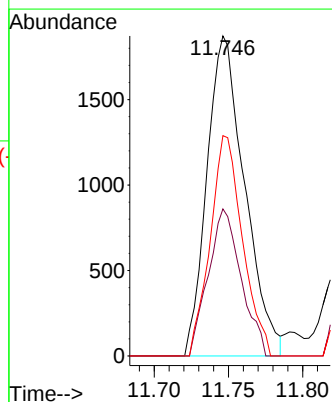
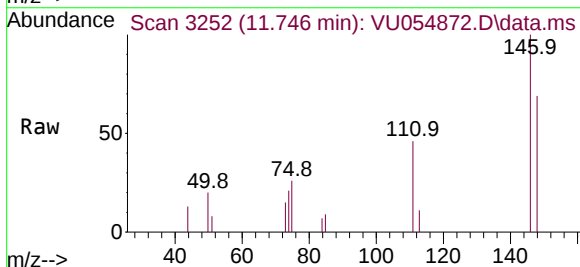
RT: 11.746 min Scan# 3252

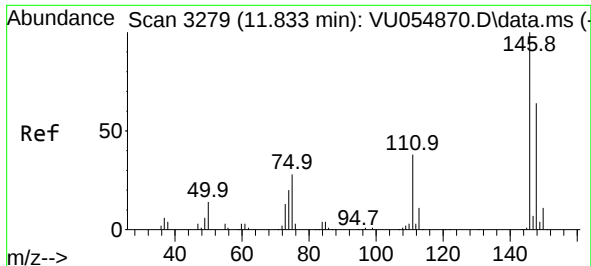
Delta R.T. 0.006 min

Lab File: VU054872.D

Acq: 25 Jul 2023 17:34

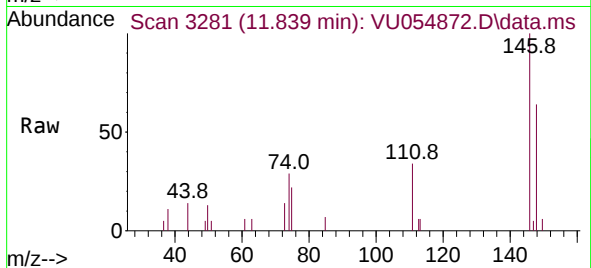
Tgt Ion:146	Resp:	3312
Ion Ratio	Lower	Upper
146	100	
111	39.9	30.5 45.7
148	58.8	51.0 76.6



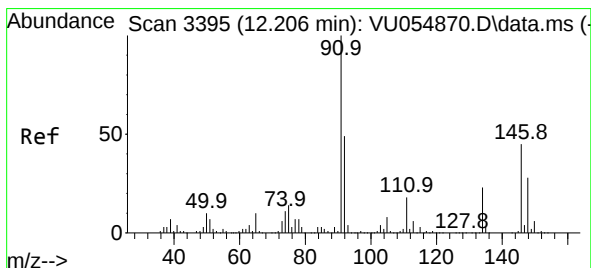
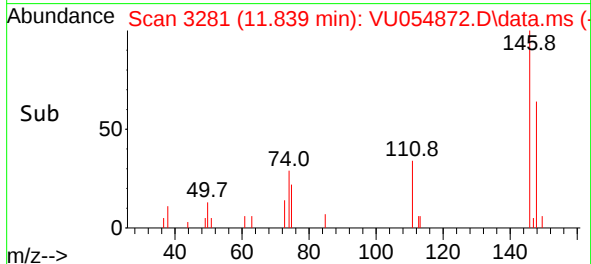
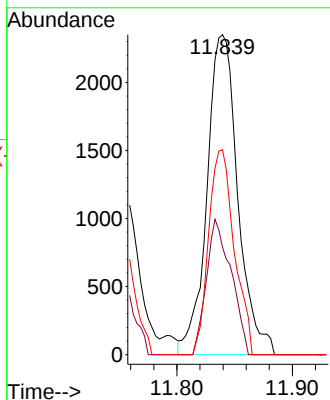


#83
1,4-Dichlorobenzene
Concen: 0.284 ug/l
RT: 11.839 min Scan# 3279
Delta R.T. 0.006 min
Lab File: VU054872.D
Acq: 25 Jul 2023 17:34

Instrument :
MSVOA_U
ClientSampleId :

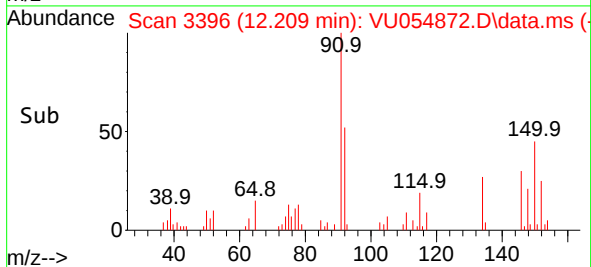
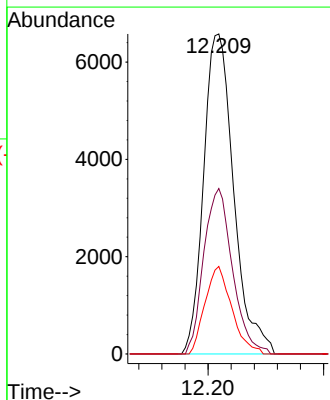
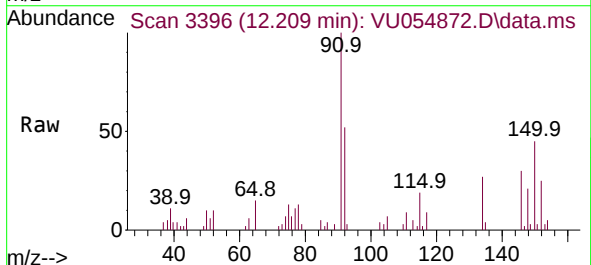


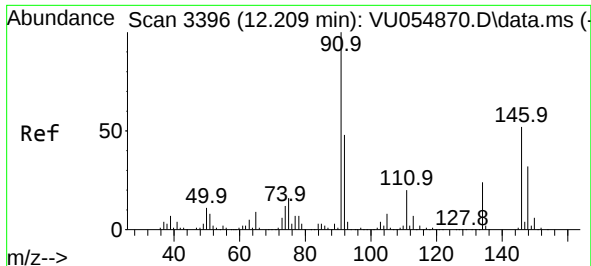
Tgt Ion:146 Resp: 4373
Ion Ratio Lower Upper
146 100
111 33.8 29.5 44.3
148 53.1 51.2 76.8



#84
n-Butylbenzene
Concen: 0.470 ug/l
RT: 12.209 min Scan# 3396
Delta R.T. 0.003 min
Lab File: VU054872.D
Acq: 25 Jul 2023 17:34

Tgt Ion: 91 Resp: 11888
Ion Ratio Lower Upper
91 100
92 49.4 39.8 59.8
134 24.3 20.2 30.4

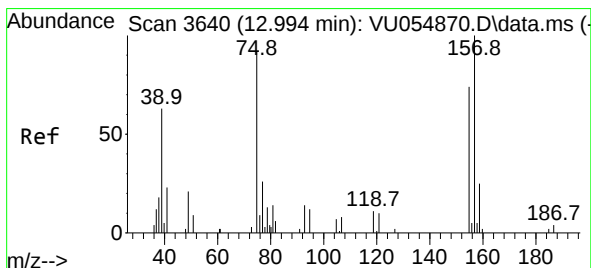
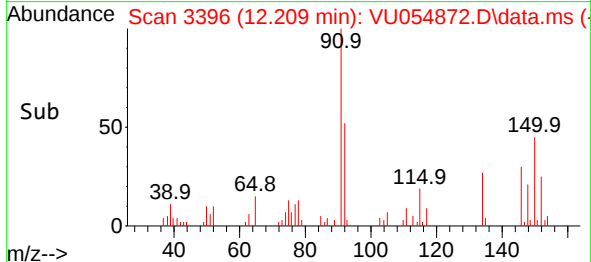
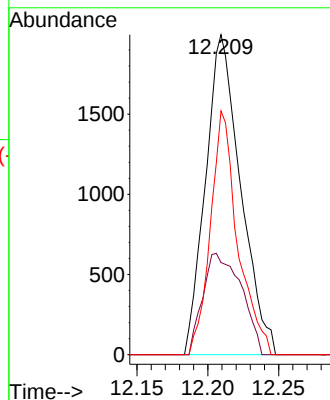
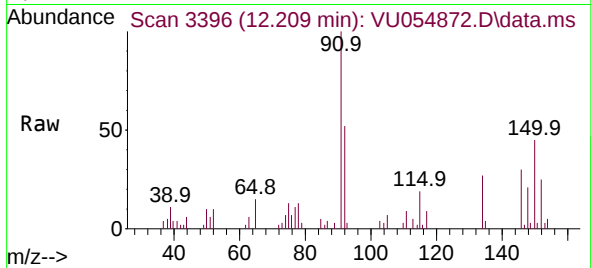




#85
 1,2-Dichlorobenzene
 Concen: 0.232 ug/l
 RT: 12.209 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VU054872.D
 Acq: 25 Jul 2023 17:34

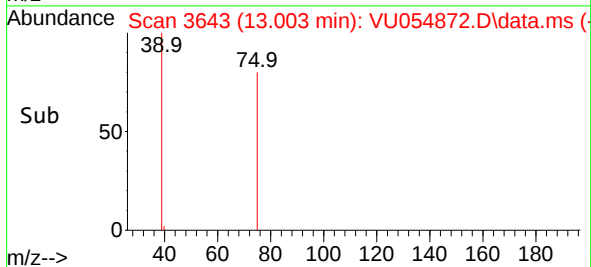
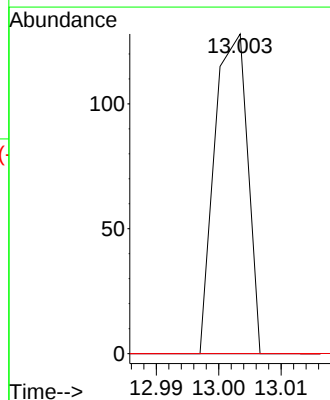
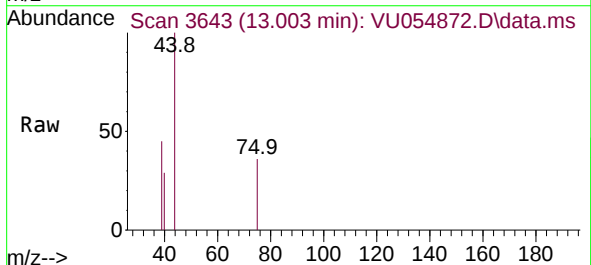
Instrument :
 MSVOA_U
 ClientSampleId :

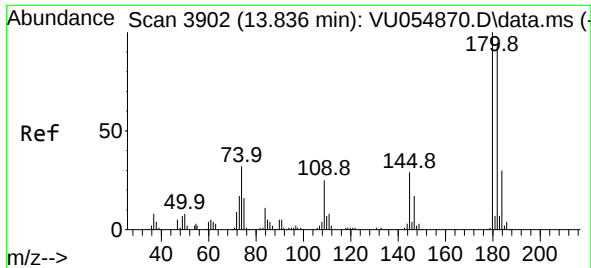
Tgt Ion:146 Resp: 3430
 Ion Ratio Lower Upper
 146 100
 111 34.8 19.8 59.4
 148 59.5 31.8 95.3



#86
 1,2-Dibromo-3-Chloropropane
 Concen: 0.056 ug/l
 RT: 13.003 min Scan# 3643
 Delta R.T. 0.010 min
 Lab File: VU054872.D
 Acq: 25 Jul 2023 17:34

Tgt Ion: 75 Resp: 47
 Ion Ratio Lower Upper
 75 100
 155 0.0 74.8 112.2#
 157 0.0 97.4 146.0#

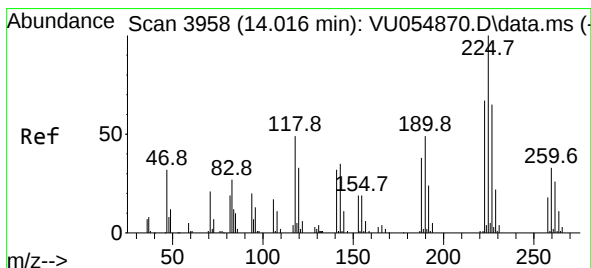
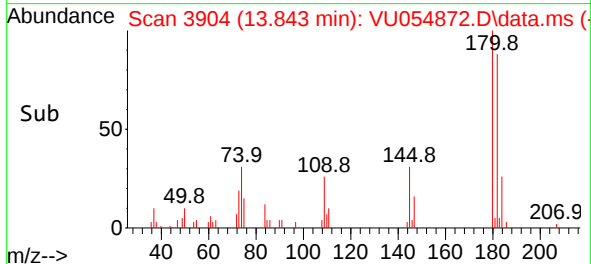
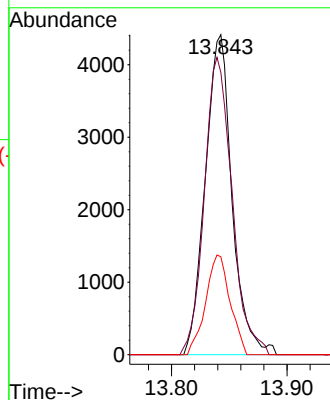
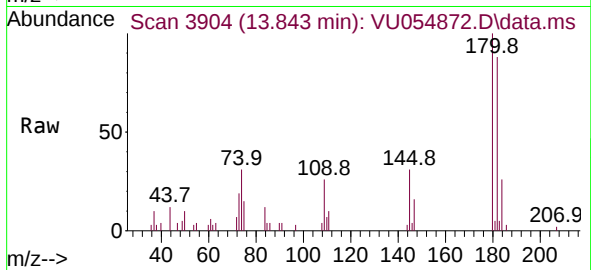




#87
1,2,4-Trichlorobenzene
Concen: 0.754 ug/l
RT: 13.843 min Scan# 3904
Delta R.T. 0.006 min
Lab File: VU054872.D
Acq: 25 Jul 2023 17:34

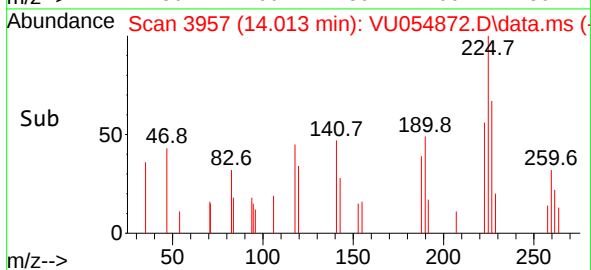
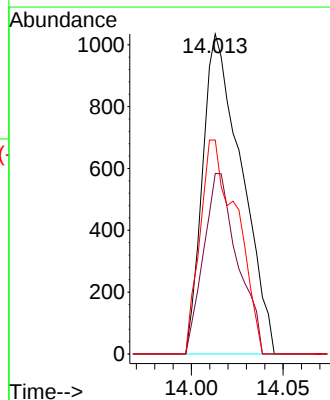
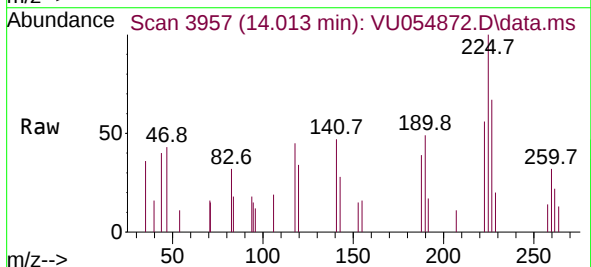
Instrument :
MSVOA_U
ClientSampleId :

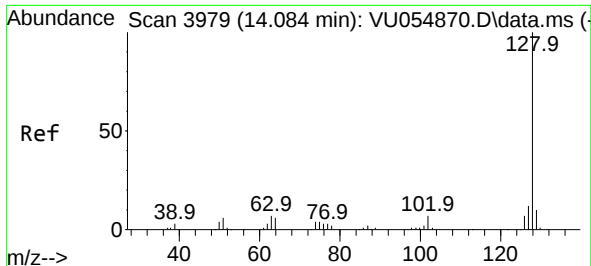
Tgt Ion:180 Resp: 7115
Ion Ratio Lower Upper
180 100
182 96.1 77.0 115.6
145 28.3 23.4 35.0



#88
Hexachlorobutadiene
Concen: 0.303 ug/l
RT: 14.013 min Scan# 3957
Delta R.T. -0.003 min
Lab File: VU054872.D
Acq: 25 Jul 2023 17:34

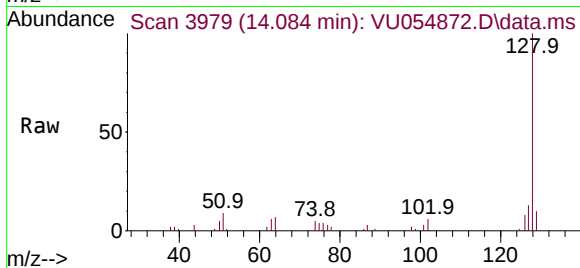
Tgt Ion:225 Resp: 1523
Ion Ratio Lower Upper
225 100
223 49.6 50.6 76.0#
227 63.7 50.7 76.1



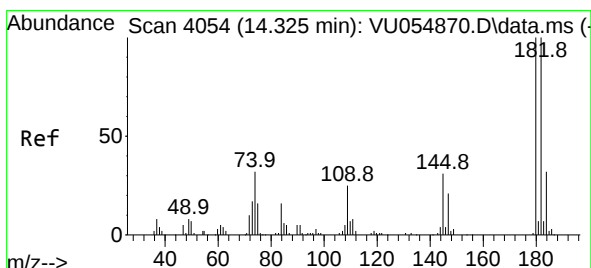
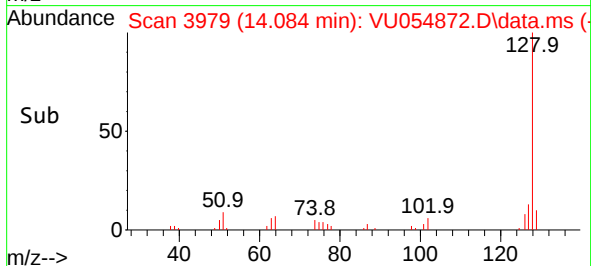
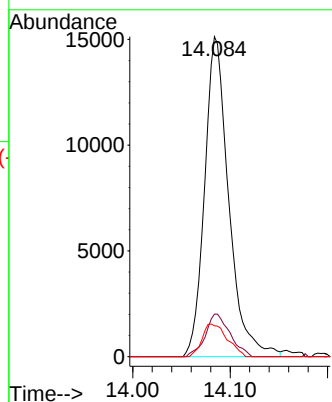


#89
Naphthalene
Concen: 1.782 ug/l
RT: 14.084 min Scan# 3979
Delta R.T. 0.000 min
Lab File: VU054872.D
Acq: 25 Jul 2023 17:34

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:	128	Resp:	26037
Ion	Ratio	Lower	Upper
128	100		
127	13.6	10.6	15.8
129	10.6	8.7	13.1



#90
1,2,3-Trichlorobenzene
Concen: 0.819 ug/l
RT: 14.328 min Scan# 4055
Delta R.T. 0.003 min
Lab File: VU054872.D
Acq: 25 Jul 2023 17:34

Tgt Ion:	180	Resp:	6855
Ion	Ratio	Lower	Upper
180	100		
182	90.4	76.0	114.0
145	26.9	24.3	36.5

