

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072523\
 Data File : VU054873.D
 Acq On : 25 Jul 2023 19:30
 Operator : MD/SY
 Sample : VSTDICV010
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 28 03:05:49 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	27034	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.627	95	9935	1.212	ug/l	0.00
Spiked Amount 1.000			Recovery	=	121.000%	
68) 1,2-Dichlorobenzene-d4	12.190	152	10155	1.096	ug/l	0.00
Spiked Amount 1.000			Recovery	=	110.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	40436	7.855	ug/l	100
3) Chloromethane	1.518	50	58857	10.178	ug/l	97
4) Vinyl Chloride	1.602	62	76940	9.962	ug/l	99
5) Bromomethane	1.856	94	64180	10.475	ug/l	97
6) Chloroethane	1.930	64	83863	10.506	ug/l	97
7) Trichlorofluoromethane	2.133	101	170494	9.397	ug/l	99
8) 1,1,2-Trichloro-1,2,2-...	2.576	101	53842	9.157	ug/l	98
9) 1,1-Dichloroethene	2.576	96	49615	10.630	ug/l	98
10) Iodomethane	2.718	142	78306	10.747	ug/l	100
11) Allyl Chloride	2.920	41	60922	10.922	ug/l	92
12) Acrylonitrile	3.316	53	59566	50.853	ug/l	96
13) Acetone	2.644	43	40914	33.419	ug/l	97
14) Carbon Disulfide	2.789	76	98858	12.226	ug/l	99
15) Methylene Chloride	3.039	84	59575	10.002	ug/l	99
16) trans-1,2-Dichloroethene	3.348	96	55713	10.965	ug/l	90
17) 1,1-Dichloroethane	3.862	63	114293	10.057	ug/l	98
18) 2-Butanone	4.708	43	69683	45.119	ug/l	96
19) Cyclohexane	5.383	56	65403	10.228	ug/l	87
20) Methylcyclohexane	6.759	83	92302	10.795	ug/l	99
21) 2,2-Dichloropropane	4.660	77	94255	8.948	ug/l	97
22) cis-1,2-Dichloroethene	4.663	96	73117	10.828	ug/l	99
23) Diethyl Ether	2.374	59	66499	9.658	ug/l	97
24) tert-Butyl Alcohol	3.235	59	12210	19.060	ug/l	# 92
25) Methyl tert-Butyl Ether	3.361	73	152895	10.586	ug/l	100
26) Bromochloromethane	4.972	128	19378	6.997	ug/l	93
27) Chloroform	5.081	83	127241	10.426	ug/l	97
28) 1,1,1-Trichloroethane	5.313	97	105623	10.021	ug/l	99
29) 1,1-Dichloropropene	5.522	75	81654	10.501	ug/l	98
30) Carbon Tetrachloride	5.518	117	90822	10.322	ug/l	96
31) Isopropyl Ether	3.988	45	178157	10.621	ug/l	# 1
32) Ethyl-t-butyl ether	4.660	59	2368	0.137	ug/l	# 31
33) Tert-Amyl methyl ether	5.769	73	4797	0.294	ug/l	# 1
34) Propionitrile	4.782	54	49025	115.140	ug/l	# 98
35) Benzene	5.769	78	256456	10.533	ug/l	99
36) 1,2-Dichloroethane	5.788	62	73182	10.565	ug/l	99
37) Trichloroethene	6.538	130	67197	10.261	ug/l	93
38) 1,2-Dichloropropane	6.785	63	68993	10.024	ug/l	99
39) Methacrylonitrile	4.972	41	16347	9.576	ug/l	96
40) Methyl acrylate	4.846	55	30780	11.340	ug/l	# 95
41) Tetrahydrofuran	5.055	42	46378	47.516	ug/l	96
42) 1-Chlorobutane	5.454	56	105236	10.337	ug/l	98
43) Dibromomethane	6.914	93	36261	11.216	ug/l	97
44) Bromodichloromethane	7.100	83	94730	10.517	ug/l	# 99

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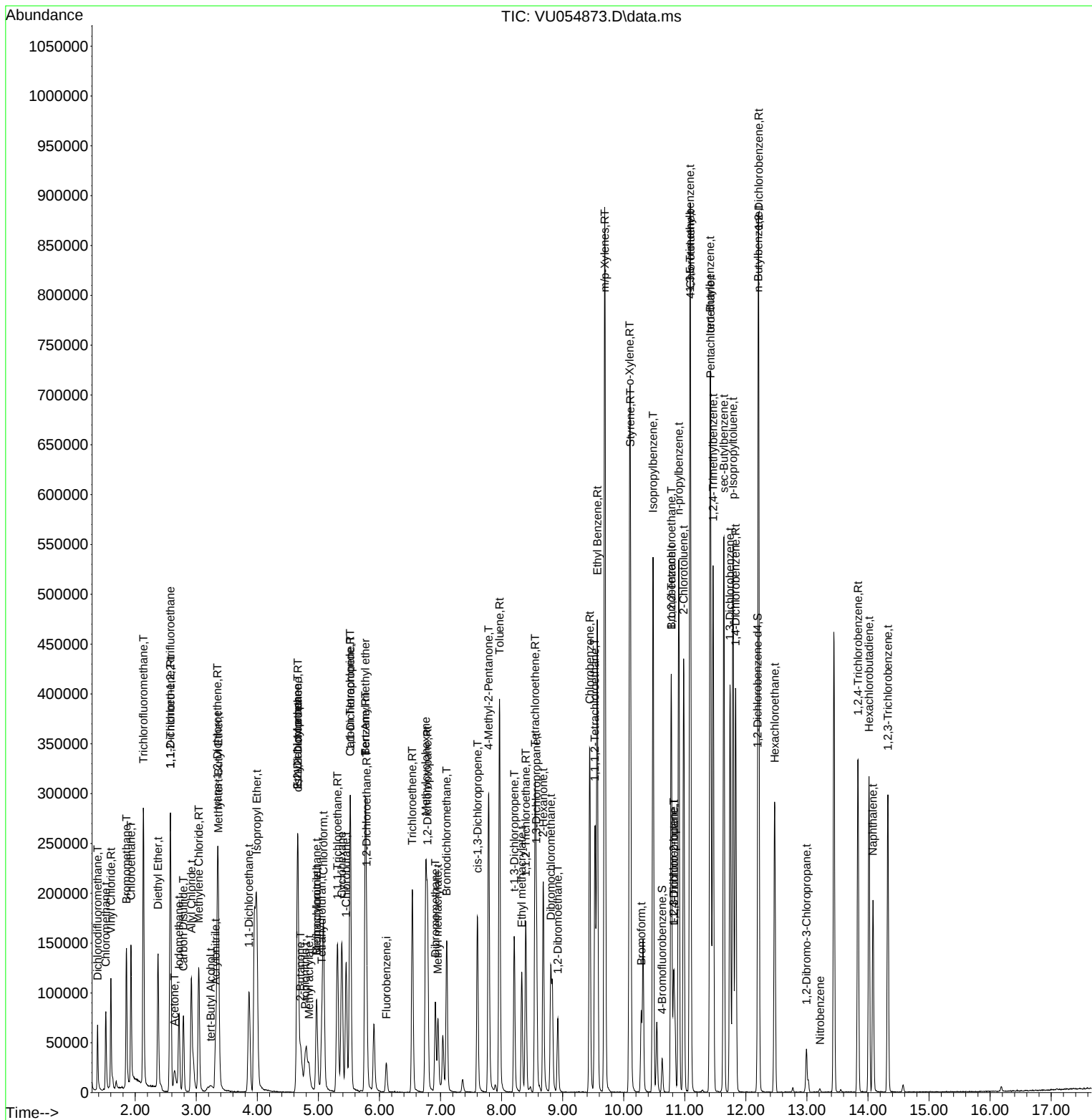
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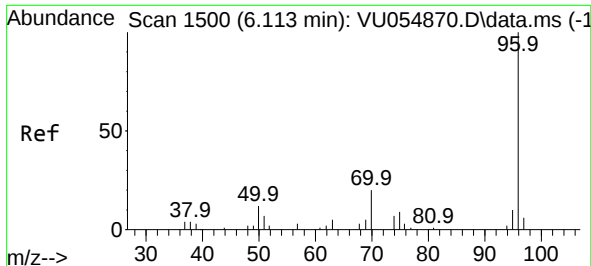
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 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Wed Jul 26 09:45:35 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.785	43	193362	51.258	ug/l	99
46) t-1,4-Dichloro-2-butene	10.820	75	58331	38.429	ug/l #	39
47) Methyl methacrylate	6.956	69	31671	10.715	ug/l	97
48) Ethyl methacrylate	8.328	69	67040	11.214	ug/l	97
49) Toluene	7.965	92	168069	10.835	ug/l	99
50) t-1,3-Dichloropropene	8.206	75	86017	10.756	ug/l	99
51) cis-1,3-Dichloropropene	7.605	75	103721	10.551	ug/l	97
52) 1,1,2-Trichloroethane	8.396	97	51629	10.073	ug/l	95
53) 1,3-Dichloropropane	8.570	76	89282	10.769	ug/l	99
54) 2-Hexanone	8.682	43	134623	50.222	ug/l	99
55) Dibromochloromethane	8.804	129	61037	10.394	ug/l	97
56) 1,2-Dibromoethane	8.920	107	49401	11.374	ug/l	98
58) Tetrachloroethene	8.547	164	60946	10.662	ug/l	95
59) Chlorobenzene	9.444	112	188417	10.010	ug/l	96
60) 1,1,1,2-Tetrachloroethane	9.528	131	71805	10.805	ug/l	99
61) Pentachloroethane	11.422	117	57591	11.093	ug/l	100
62) Hexachloroethane	12.473	117	56985	10.673	ug/l	98
63) Ethyl Benzene	9.566	91	339469	10.748	ug/l	99
64) m/p-Xylenes	9.689	106	255474	21.619	ug/l	97
65) o-Xylene	10.097	106	126827	10.449	ug/l	98
66) Styrene	10.110	104	212286	10.939	ug/l	99
67) Bromoform	10.287	173	33966	11.154	ug/l	99
69) Isopropylbenzene	10.480	105	344284	10.566	ug/l	98
70) 1,1,2,2-Tetrachloroethane	10.779	83	66944	10.552	ug/l	95
71) 1,2,3-Trichloropropane	10.820	75	58331	12.909	ug/l #	83
72) Bromobenzene	10.779	156	78398	10.806	ug/l	100
73) n-propylbenzene	10.901	120	94981	10.891	ug/l	95
74) 2-Chlorotoluene	10.981	126	81836	10.840	ug/l	98
75) 1,3,5-Trimethylbenzene	11.084	105	288601	10.937	ug/l	100
76) 4-Chlorotoluene	11.094	126	86328	11.007	ug/l	97
77) tert-Butylbenzene	11.415	119	296679	10.811	ug/l	97
78) 1,2,4-Trimethylbenzene	11.463	105	280654	10.389	ug/l	98
79) sec-Butylbenzene	11.640	105	384829	10.787	ug/l	100
80) Nitrobenzene	13.216	77	1775	10.649	ug/l #	92
81) p-Isopropyltoluene	11.788	119	310114	11.014	ug/l	99
82) 1,3-Dichlorobenzene	11.740	146	159125	10.302	ug/l	100
83) 1,4-Dichlorobenzene	11.833	146	160375	10.416	ug/l	99
84) n-Butylbenzene	12.203	91	280591	11.095	ug/l	99
85) 1,2-Dichlorobenzene	12.209	146	154357	10.425	ug/l	98
86) 1,2-Dibromo-3-Chloropr...	12.991	75	9479	11.239	ug/l	97
87) 1,2,4-Trichlorobenzene	13.836	180	98076	10.386	ug/l	98
88) Hexachlorobutadiene	14.016	225	52377	10.400	ug/l	99
89) Naphthalene	14.081	128	149962	10.255	ug/l	99
90) 1,2,3-Trichlorobenzene	14.325	180	86114	10.278	ug/l	99

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

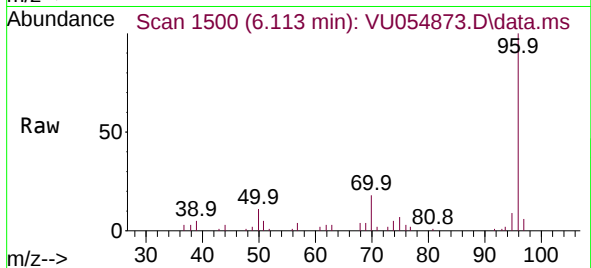
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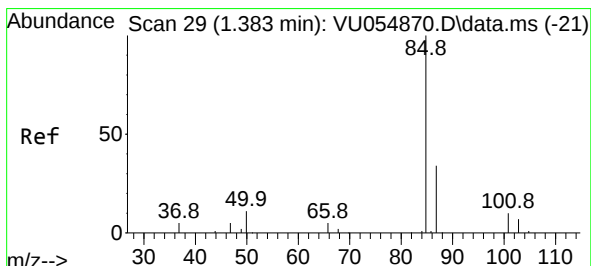
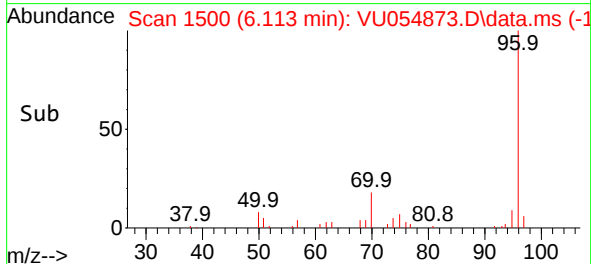
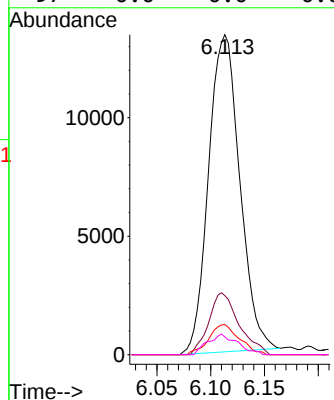


#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.113 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU054873.D
Acq: 25 Jul 2023 19:30

Instrument :
MSVOA_U
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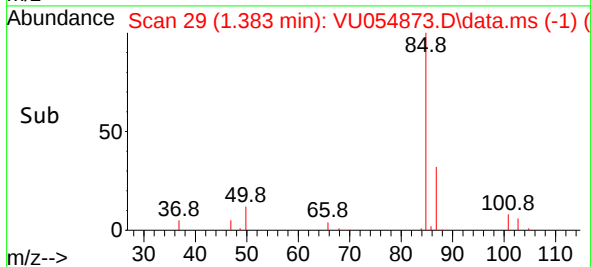
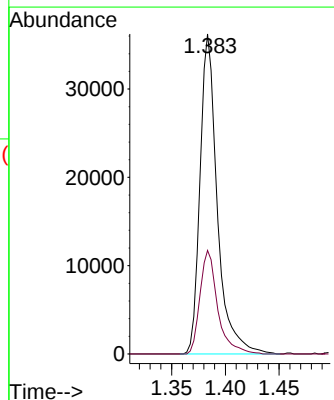
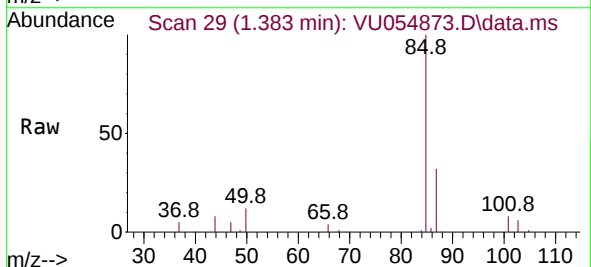


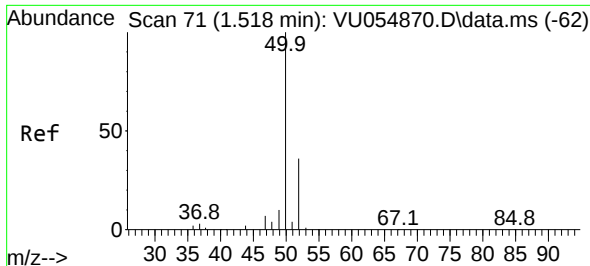
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Ion	Ratio	Lower	Upper
96	100		
70	18.9	14.0	21.0
95	9.3	8.7	13.1
97	0.0	0.0	0.0



#2
Dichlorodifluoromethane
Concen: 7.855 ug/l
RT: 1.383 min Scan# 29
Delta R.T. 0.000 min
Lab File: VU054873.D
Acq: 25 Jul 2023 19:30

Tgt Ion:	85	Resp:	40436
Ion	Ratio	Lower	Upper
85	100		
87	32.3	16.2	48.6

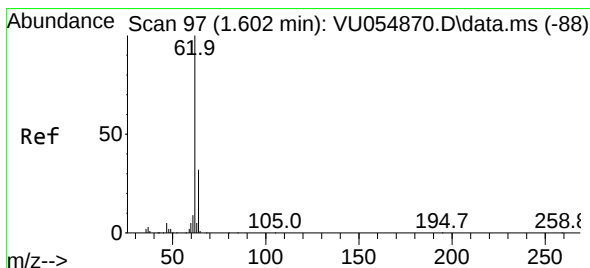
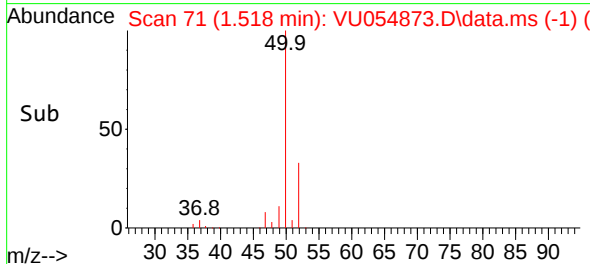
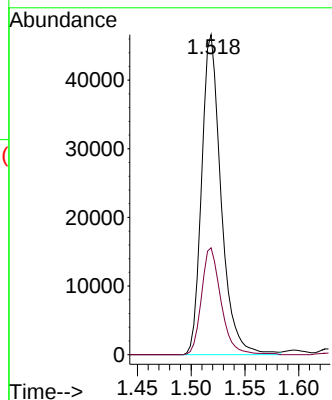
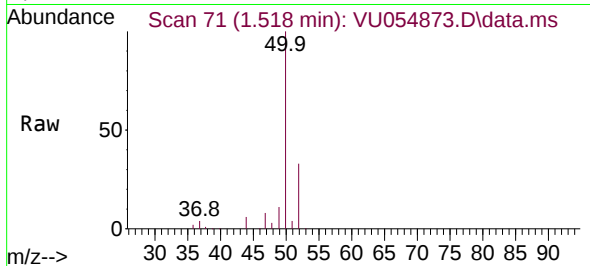




#3
Chloromethane
Concen: 10.178 ug/l
RT: 1.518 min Scan# 71
Delta R.T. 0.000 min
Lab File: VU054873.D
Acq: 25 Jul 2023 19:30

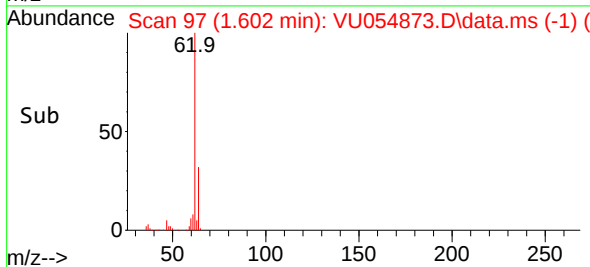
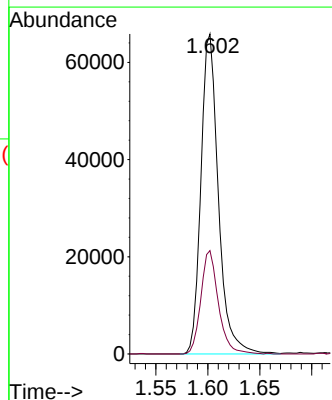
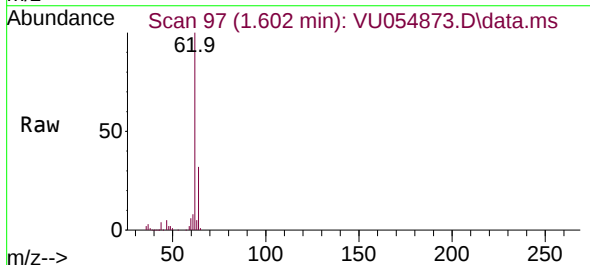
Instrument :
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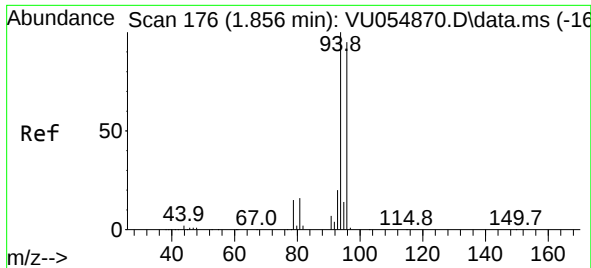
Tgt Ion: 50 Resp: 58857
Ion Ratio Lower Upper
50 100
52 33.4 28.2 42.2



#4
Vinyl Chloride
Concen: 9.962 ug/l
RT: 1.602 min Scan# 97
Delta R.T. 0.000 min
Lab File: VU054873.D
Acq: 25 Jul 2023 19:30

Tgt Ion: 62 Resp: 76940
Ion Ratio Lower Upper
62 100
64 32.3 26.4 39.6

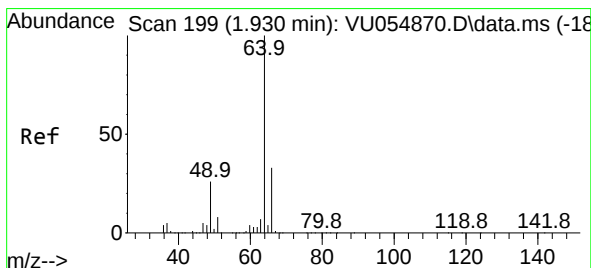
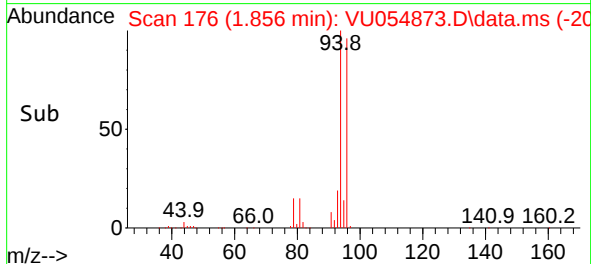
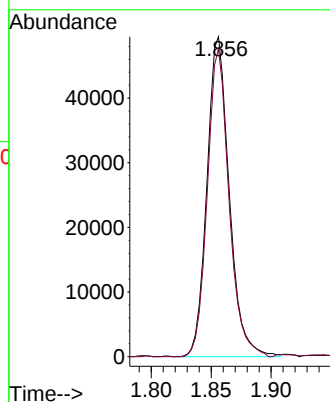
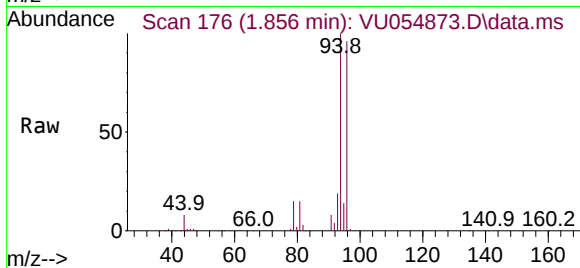




#5
Bromomethane
Concen: 10.475 ug/l
RT: 1.856 min Scan# 176
Delta R.T. 0.000 min
Lab File: VU054873.D
Acq: 25 Jul 2023 19:30

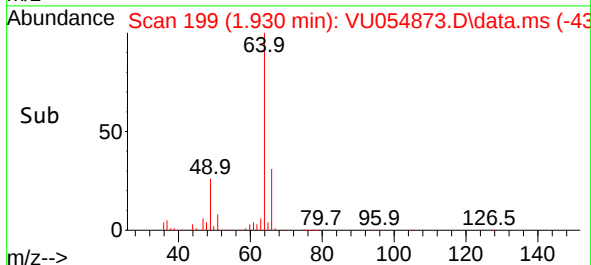
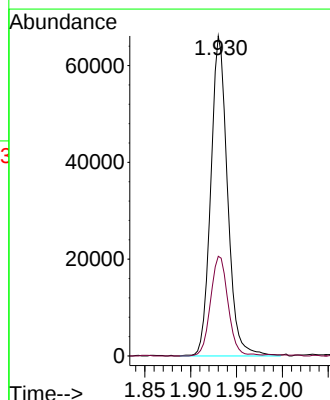
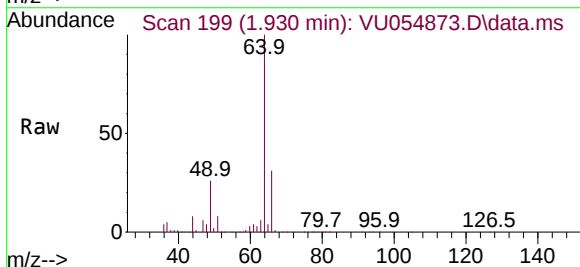
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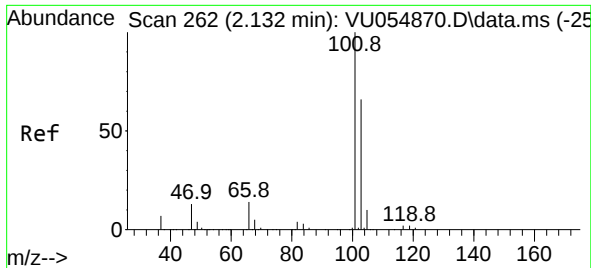
Tgt Ion: 94 Resp: 64180
Ion Ratio Lower Upper
94 100
96 96.2 74.6 111.8



#6
Chloroethane
Concen: 10.506 ug/l
RT: 1.930 min Scan# 199
Delta R.T. 0.000 min
Lab File: VU054873.D
Acq: 25 Jul 2023 19:30

Tgt Ion: 64 Resp: 83863
Ion Ratio Lower Upper
64 100
66 31.2 26.2 39.4

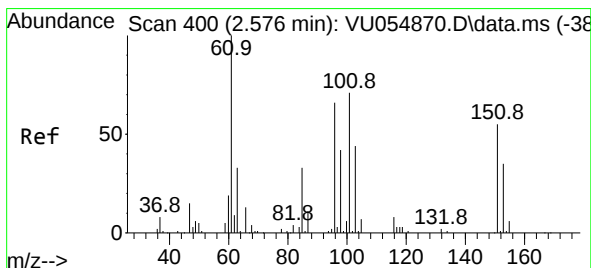
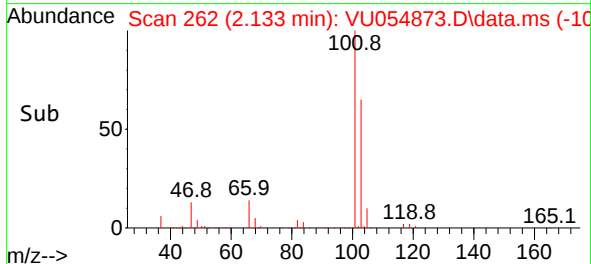
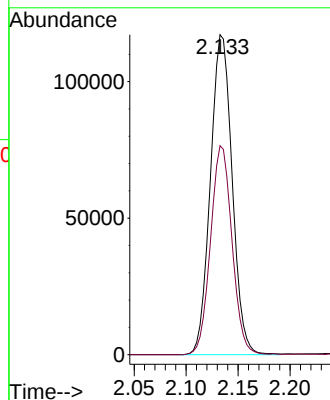
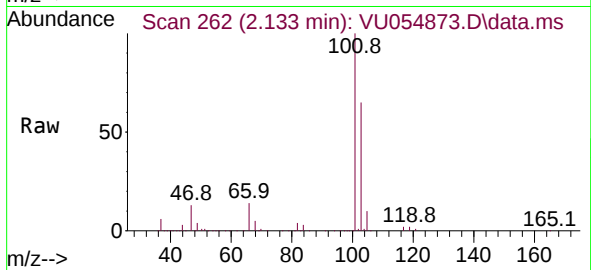




#7
 Trichlorofluoromethane
 Concen: 9.397 ug/l
 RT: 2.133 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VU054873.D
 Acq: 25 Jul 2023 19:30

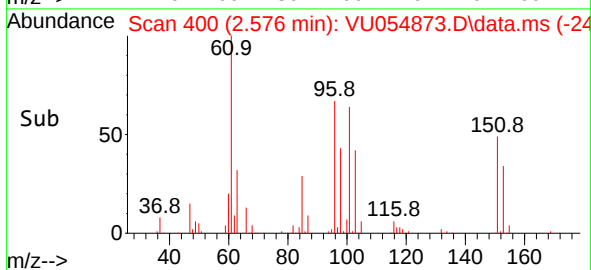
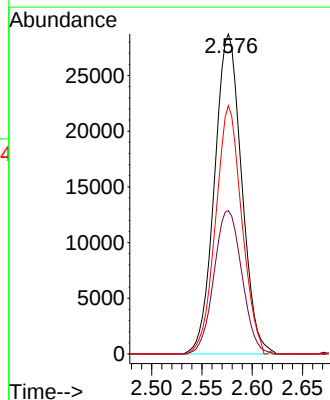
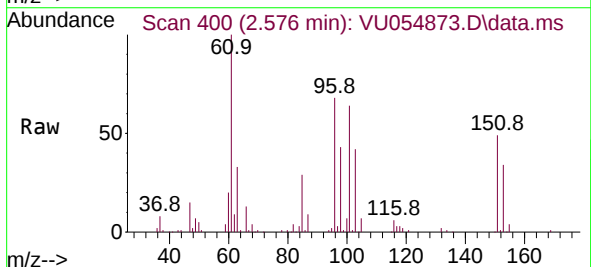
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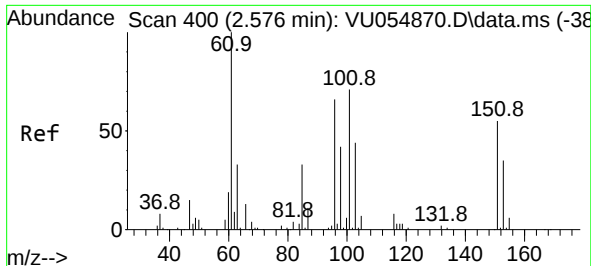
Tgt Ion:101 Resp: 170494
 Ion Ratio Lower Upper
 101 100
 103 65.3 52.9 79.3



#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 9.157 ug/l
 RT: 2.576 min Scan# 400
 Delta R.T. 0.000 min
 Lab File: VU054873.D
 Acq: 25 Jul 2023 19:30

Tgt Ion:101 Resp: 53842
 Ion Ratio Lower Upper
 101 100
 85 46.0 34.8 52.2
 151 74.8 60.5 90.7

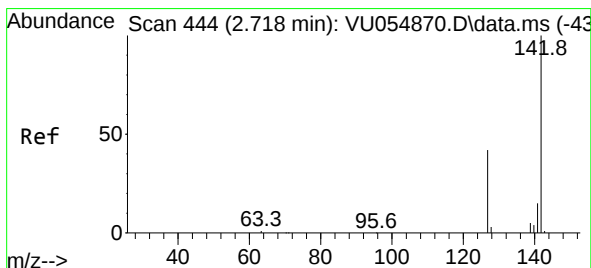
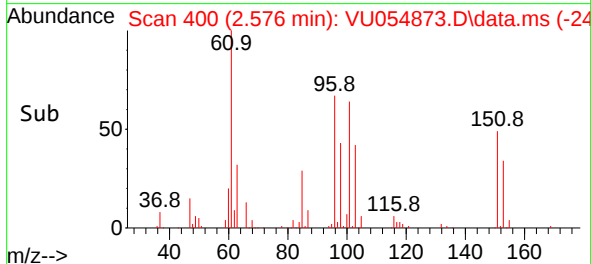
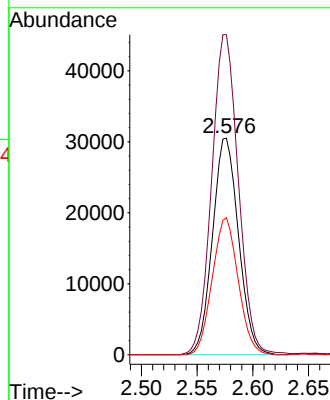
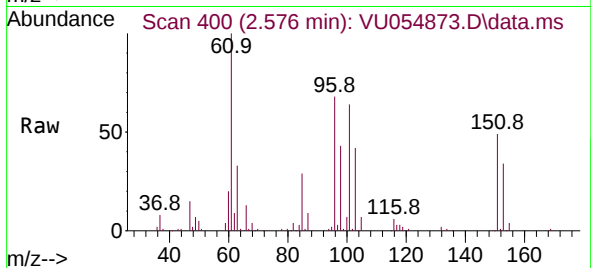




#9
1,1-Dichloroethene
Concen: 10.630 ug/l
RT: 2.576 min Scan# 400
Delta R.T. 0.000 min
Lab File: VU054873.D
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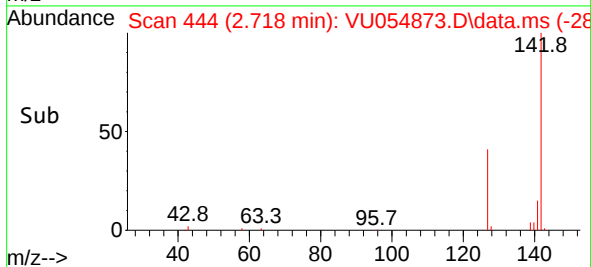
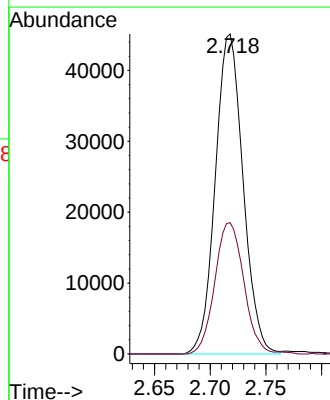
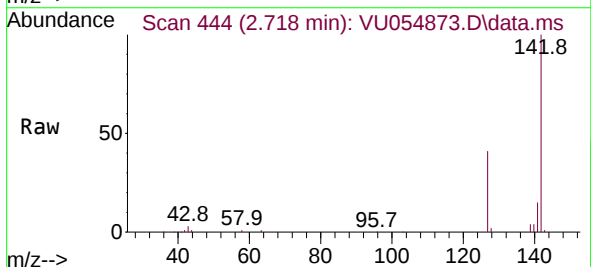
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ClientSampleId :

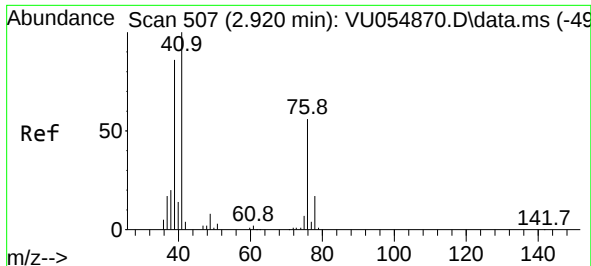
Tgt Ion: 96 Resp: 49615
Ion Ratio Lower Upper
96 100
61 147.8 0.0 440.1
98 63.3 0.0 121.8



#10
Iodomethane
Concen: 10.747 ug/l
RT: 2.718 min Scan# 444
Delta R.T. 0.000 min
Lab File: VU054873.D
Acq: 25 Jul 2023 19:30

Tgt Ion: 142 Resp: 78306
Ion Ratio Lower Upper
142 100
127 43.0 34.3 51.5

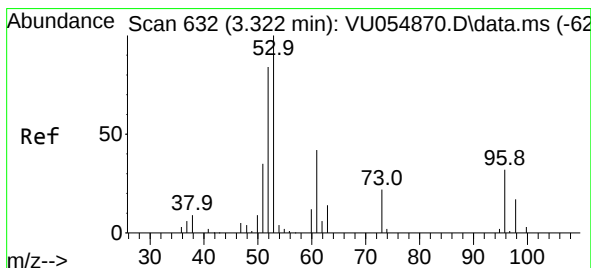
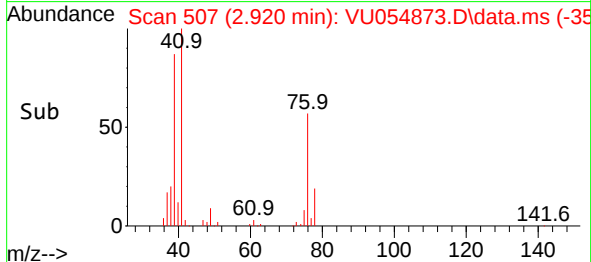
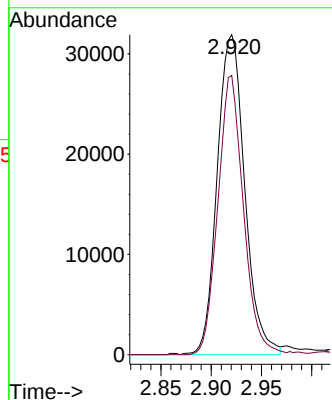
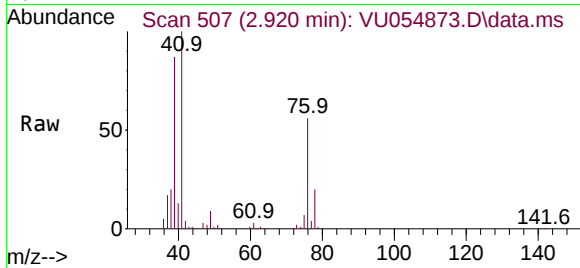




#11
 Allyl Chloride
 Concen: 10.922 ug/l
 RT: 2.920 min Scan# 507
 Delta R.T. 0.000 min
 Lab File: VU054873.D
 Acq: 25 Jul 2023 19:30

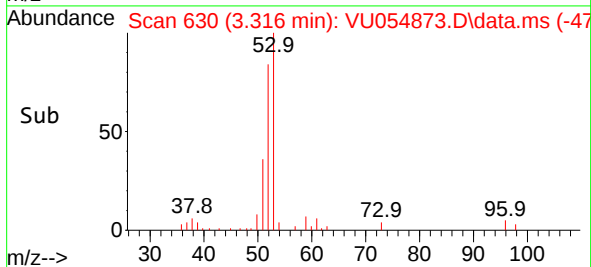
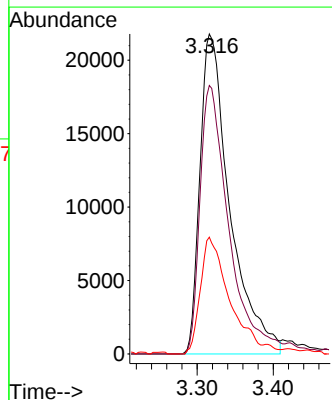
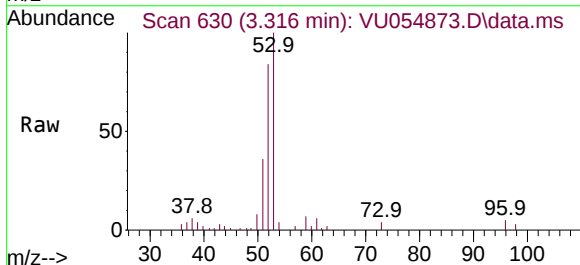
Instrument :
 MSVOA_U
 ClientSampleId :

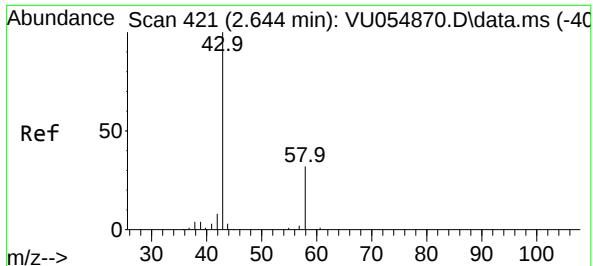
Tgt Ion: 41 Resp: 60922
 Ion Ratio Lower Upper
 41 100
 39 80.7 70.2 105.2



#12
 Acrylonitrile
 Concen: 50.853 ug/l
 RT: 3.316 min Scan# 630
 Delta R.T. -0.006 min
 Lab File: VU054873.D
 Acq: 25 Jul 2023 19:30

Tgt Ion: 53 Resp: 59566
 Ion Ratio Lower Upper
 53 100
 52 80.8 64.2 96.4
 51 35.2 33.6 50.4





#13

Acetone

Concen: 33.419 ug/l

RT: 2.644 min Scan# 421

Delta R.T. 0.000 min

Lab File: VU054873.D

Acq: 25 Jul 2023 19:30

Instrument :

MSVOA_U

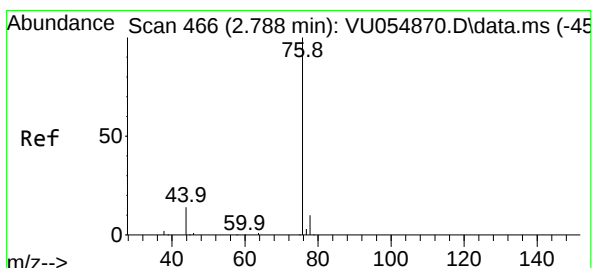
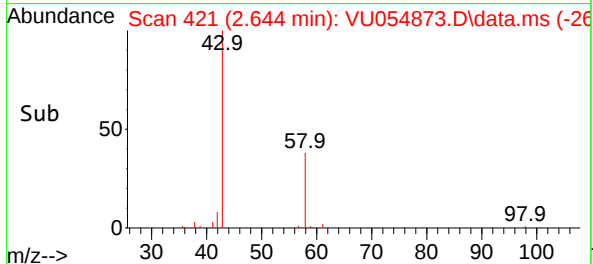
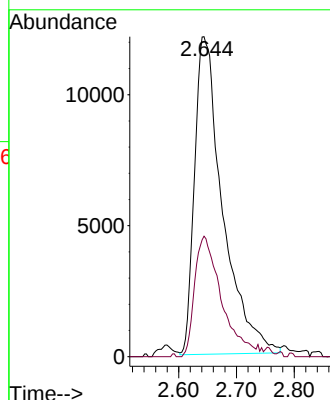
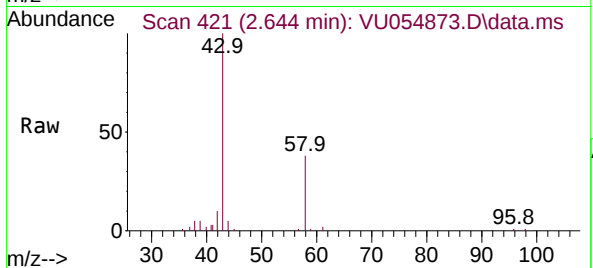
ClientSampleId :

Tgt Ion: 43 Resp: 40914

Ion Ratio Lower Upper

43 100

58 36.5 30.7 46.1



#14

Carbon Disulfide

Concen: 12.226 ug/l

RT: 2.789 min Scan# 466

Delta R.T. 0.000 min

Lab File: VU054873.D

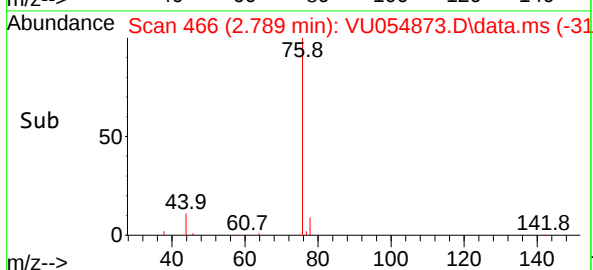
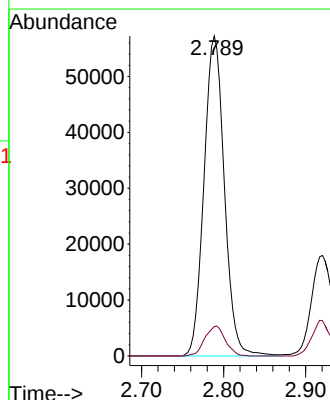
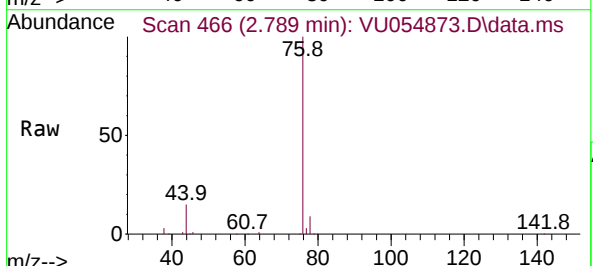
Acq: 25 Jul 2023 19:30

Tgt Ion: 76 Resp: 98858

Ion Ratio Lower Upper

76 100

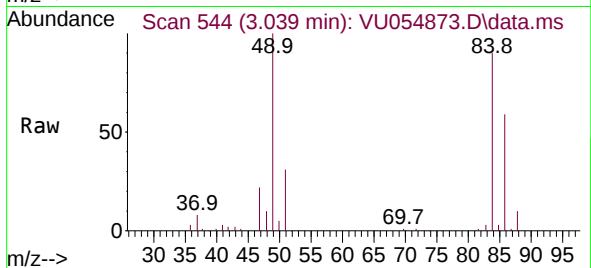
78 9.2 7.1 10.7



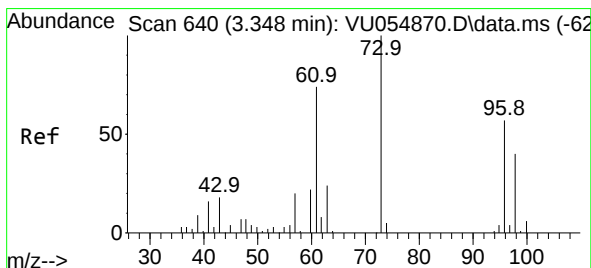
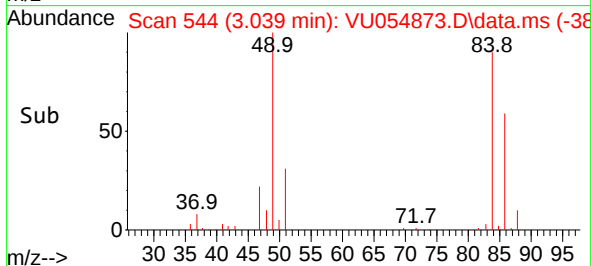
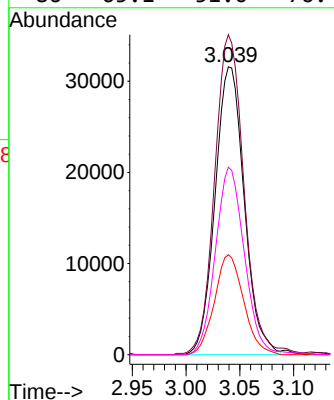


#15
Methylene Chloride
Concen: 10.002 ug/l
RT: 3.039 min Scan# 54
Delta R.T. -0.003 min
Lab File: VU054873.D
Acq: 25 Jul 2023 19:30

Instrument :
MSVOA_U
ClientSampleId :

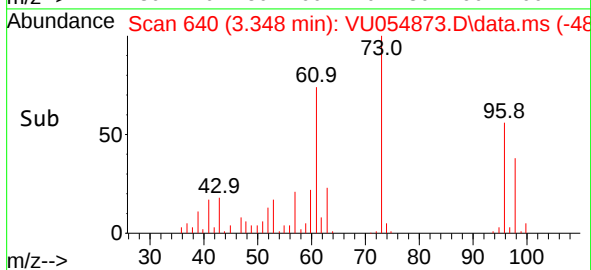
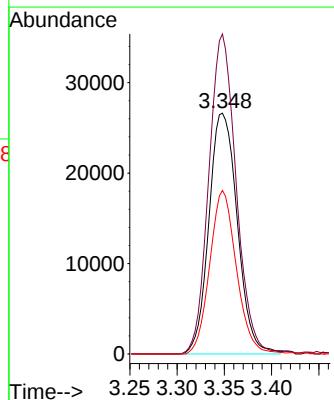
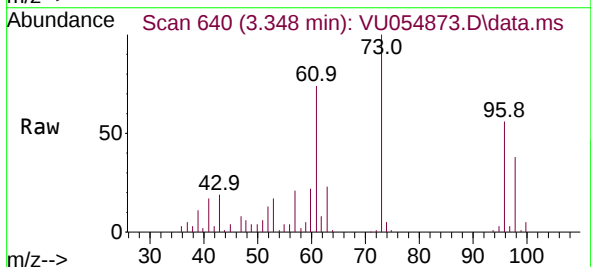


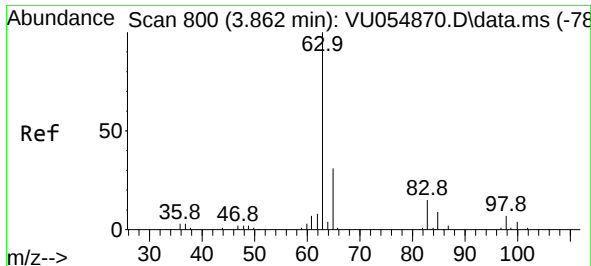
Tgt Ion:	84	Resp:	59575
Ion	Ratio	Lower	Upper
84	100		
49	110.7	87.8	131.6
51	34.7	0.0	68.2
86	65.1	51.0	76.4



#16
trans-1,2-Dichloroethene
Concen: 10.965 ug/l
RT: 3.348 min Scan# 640
Delta R.T. 0.000 min
Lab File: VU054873.D
Acq: 25 Jul 2023 19:30

Tgt Ion:	96	Resp:	55713
Ion	Ratio	Lower	Upper
96	100		
61	132.9	96.4	144.6
98	67.9	49.3	73.9

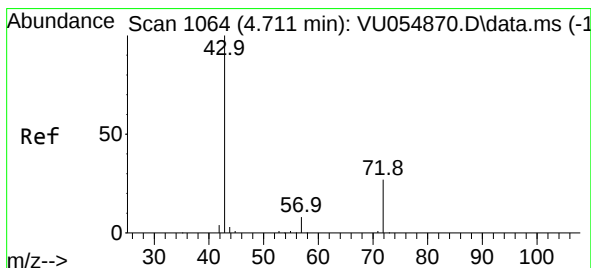
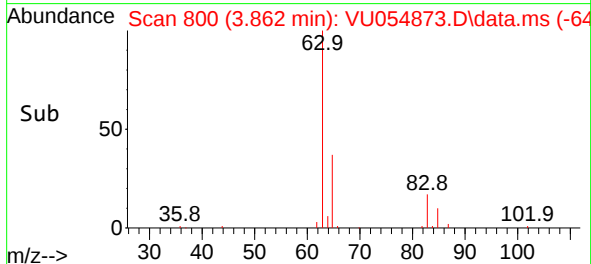
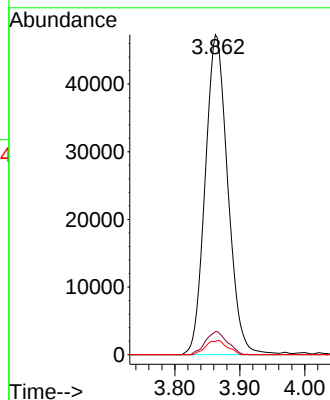
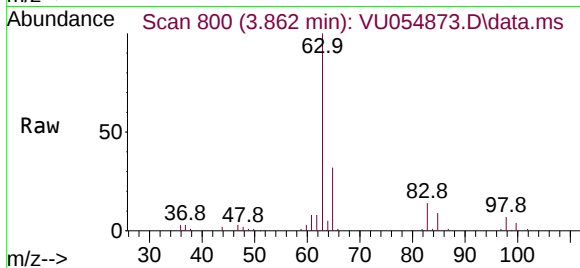




#17
 1,1-Dichloroethane
 Concen: 10.057 ug/l
 RT: 3.862 min Scan# 800
 Delta R.T. 0.000 min
 Lab File: VU054873.D
 Acq: 25 Jul 2023 19:30

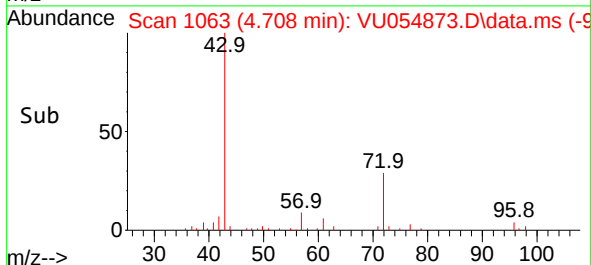
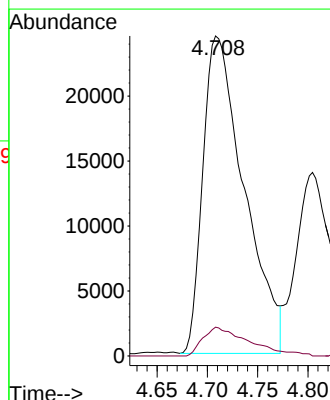
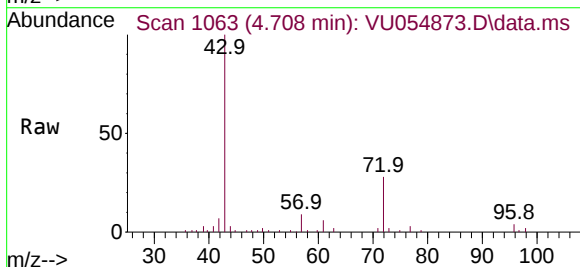
Instrument :
 MSVOA_U
 ClientSampleId :

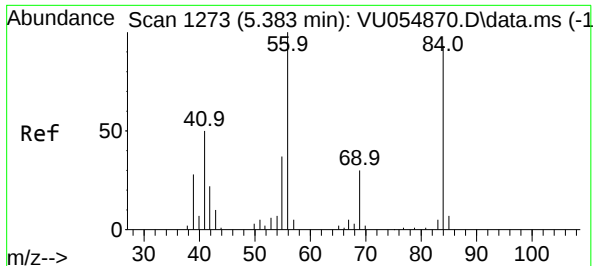
Tgt Ion: 63 Resp: 114293
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.6 10.8
 100 4.1 2.8 8.4



#18
 2-Butanone
 Concen: 45.119 ug/l
 RT: 4.708 min Scan# 1063
 Delta R.T. -0.003 min
 Lab File: VU054873.D
 Acq: 25 Jul 2023 19:30

Tgt Ion: 43 Resp: 69683
 Ion Ratio Lower Upper
 43 100
 57 9.1 0.0 20.8





#19

Cyclohexane

Concen: 10.228 ug/l

RT: 5.383 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU054873.D

Acq: 25 Jul 2023 19:30

Instrument :

MSVOA_U

ClientSampleId :

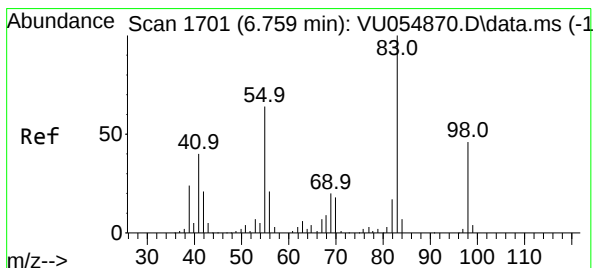
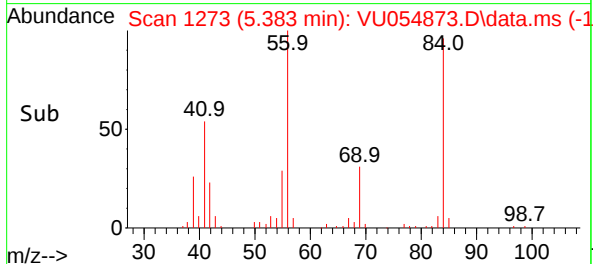
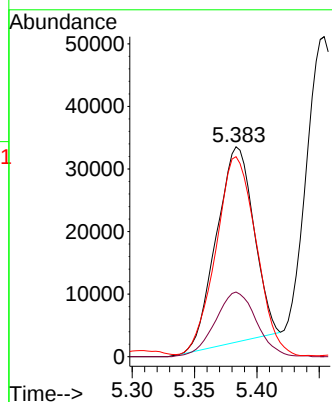
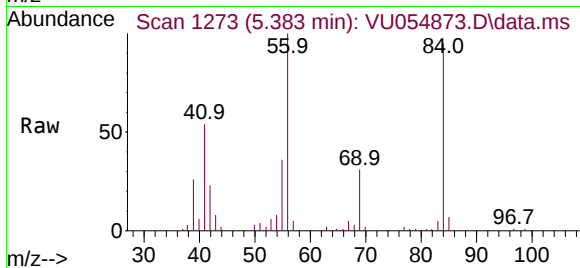
Tgt Ion: 56 Resp: 65403

Ion Ratio Lower Upper

56 100

69 36.4 24.7 37.1

84 108.7 76.5 114.7



#20

Methylcyclohexane

Concen: 10.795 ug/l

RT: 6.759 min Scan# 1701

Delta R.T. 0.000 min

Lab File: VU054873.D

Acq: 25 Jul 2023 19:30

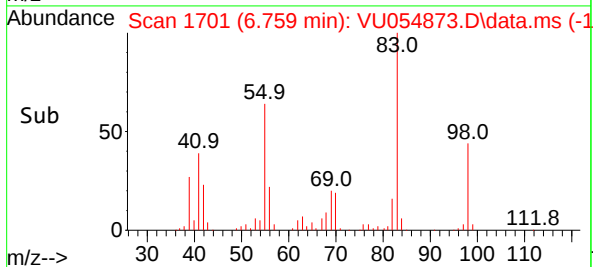
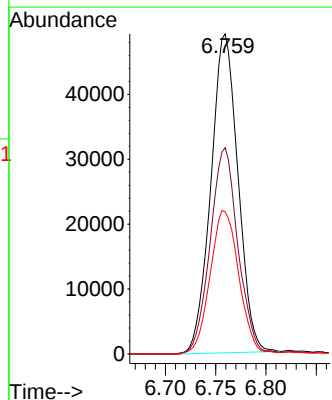
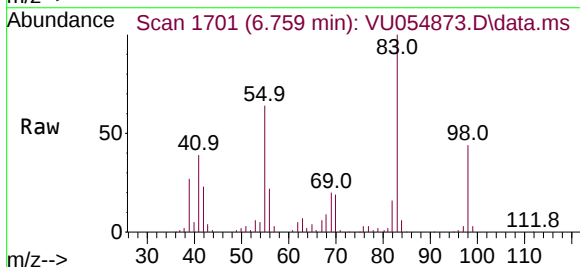
Tgt Ion: 83 Resp: 92302

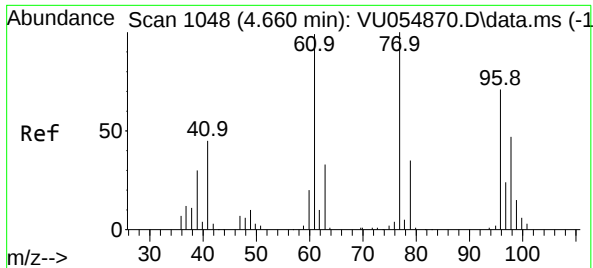
Ion Ratio Lower Upper

83 100

55 65.5 51.6 77.4

98 46.9 38.2 57.2





#21

2,2-Dichloropropane

Concen: 8.948 ug/l

RT: 4.660 min Scan# 1048

Delta R.T. 0.000 min

Lab File: VU054873.D

Acq: 25 Jul 2023 19:30

Instrument :

MSVOA_U

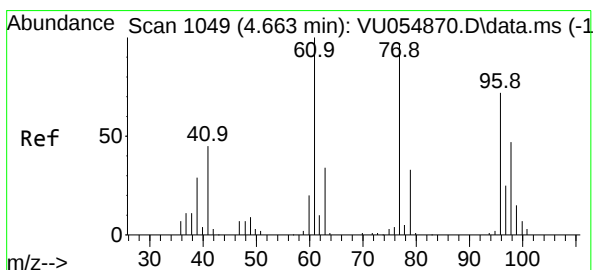
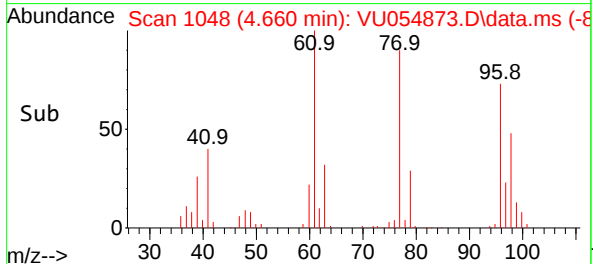
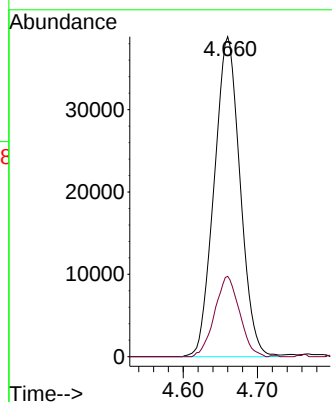
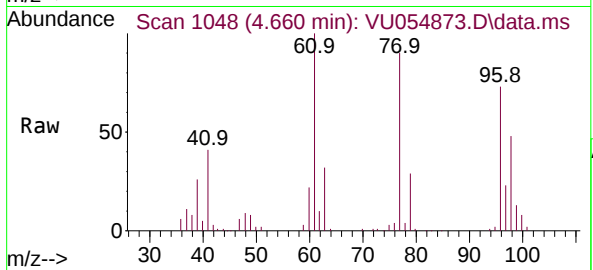
ClientSampleId :

Tgt Ion: 77 Resp: 94255

Ion Ratio Lower Upper

77 100

97 24.1 18.0 27.0



#22

cis-1,2-Dichloroethene

Concen: 10.828 ug/l

RT: 4.663 min Scan# 1049

Delta R.T. 0.000 min

Lab File: VU054873.D

Acq: 25 Jul 2023 19:30

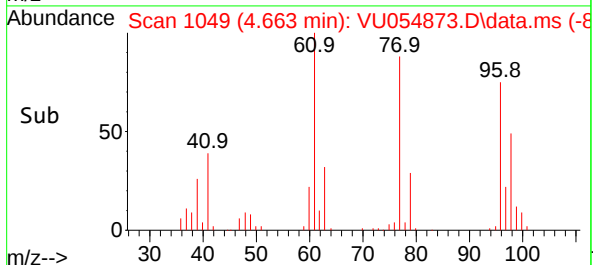
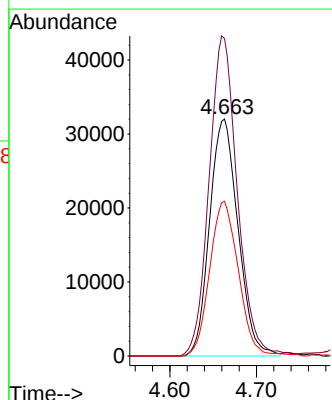
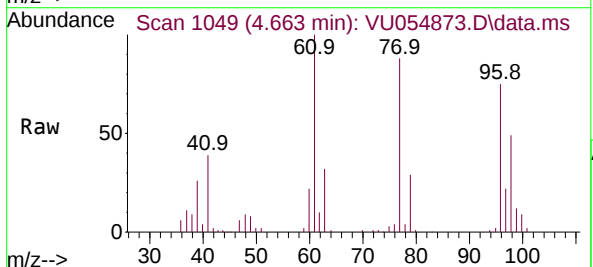
Tgt Ion: 96 Resp: 73117

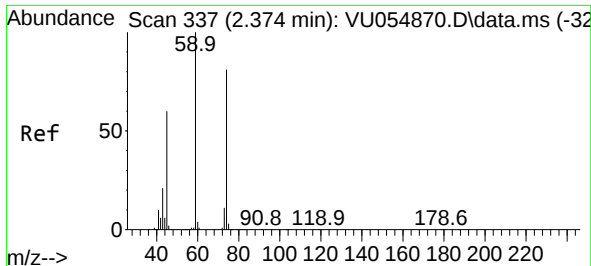
Ion Ratio Lower Upper

96 100

61 134.0 0.0 332.0

98 65.8 32.5 97.5

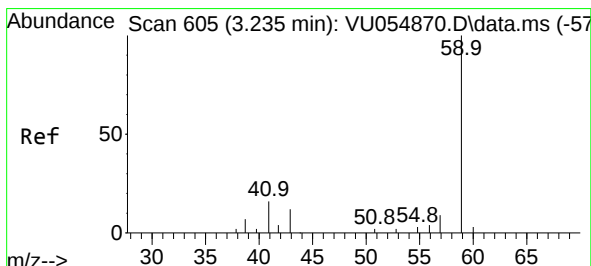
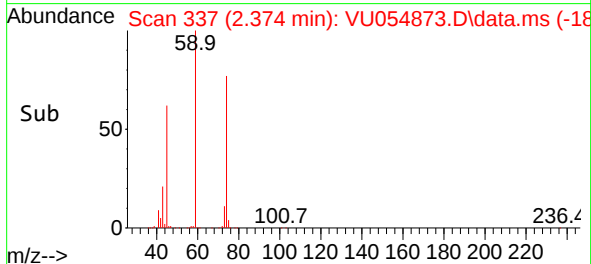
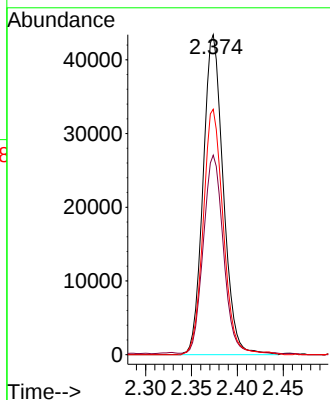
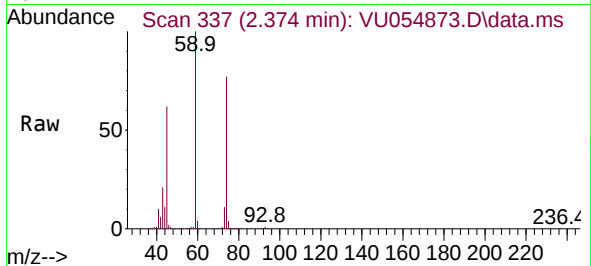




#23
Diethyl Ether
Concen: 9.658 ug/l
RT: 2.374 min Scan# 311
Delta R.T. 0.000 min
Lab File: VU054873.D
Acq: 25 Jul 2023 19:30

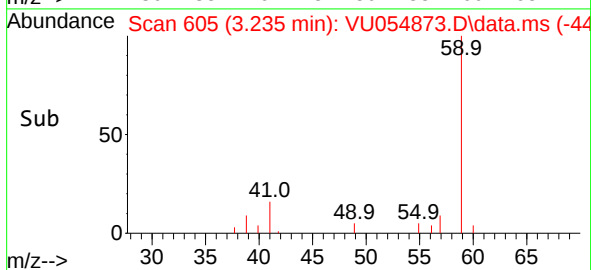
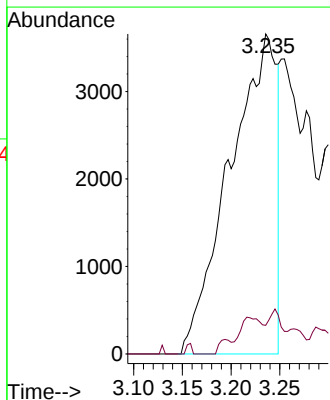
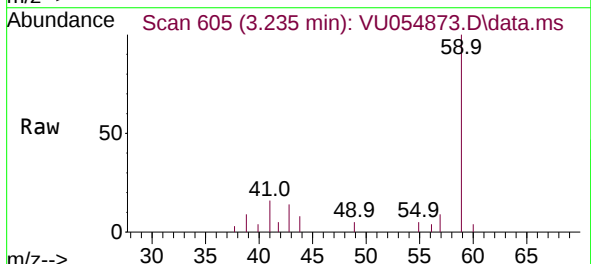
Instrument :
MSVOA_U
ClientSampleId :

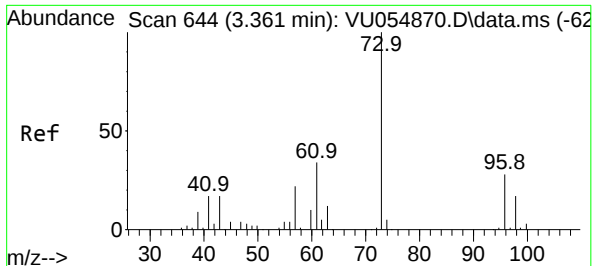
Tgt Ion: 59 Resp: 66499
Ion Ratio Lower Upper
59 100
45 61.8 51.4 77.0
74 76.0 63.1 94.7



#24
tert-Butyl Alcohol
Concen: 19.060 ug/l
RT: 3.235 min Scan# 605
Delta R.T. 0.000 min
Lab File: VU054873.D
Acq: 25 Jul 2023 19:30

Tgt Ion: 59 Resp: 12210
Ion Ratio Lower Upper
59 100
57 0.0 2.2 3.2#

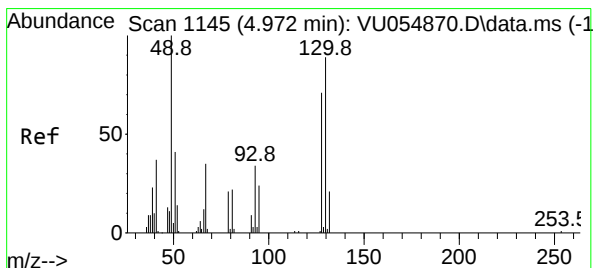
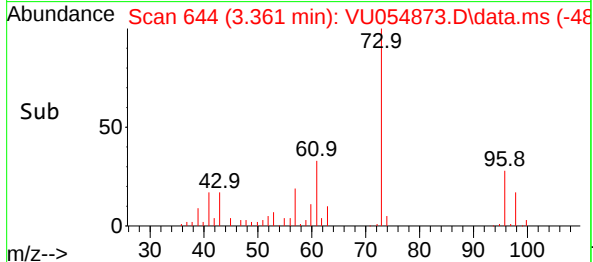
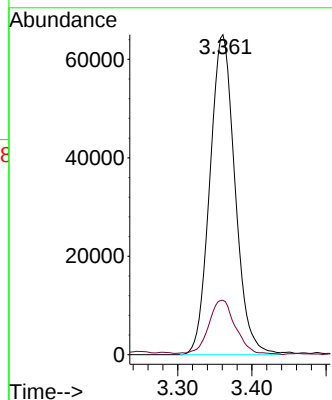
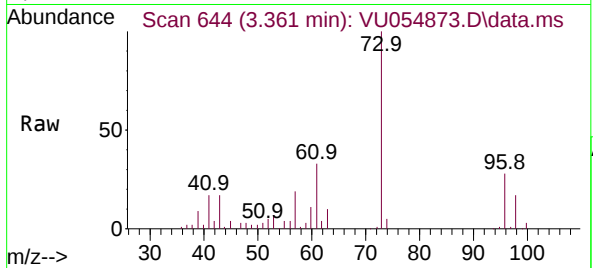




#25
Methyl tert-Butyl Ether
Concen: 10.586 ug/l
RT: 3.361 min Scan# 644
Delta R.T. 0.000 min
Lab File: VU054873.D
Acq: 25 Jul 2023 19:30

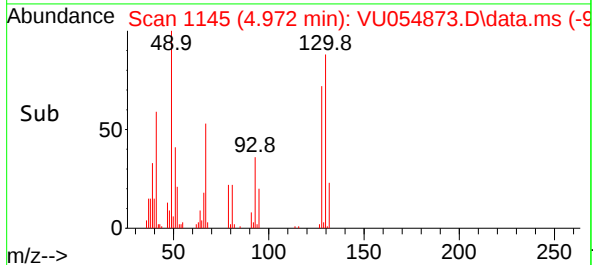
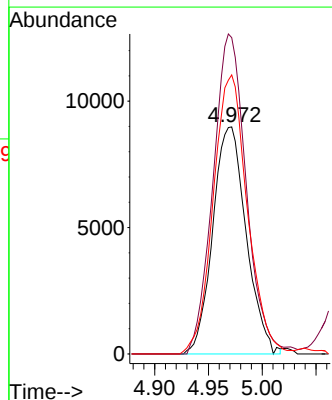
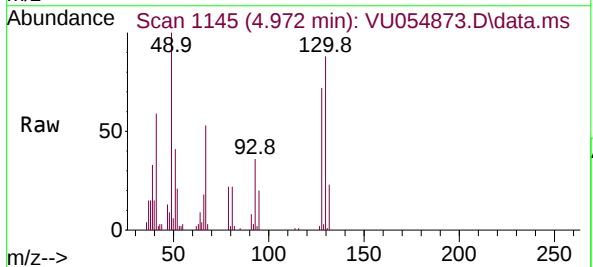
Instrument :
MSVOA_U
ClientSampleId :

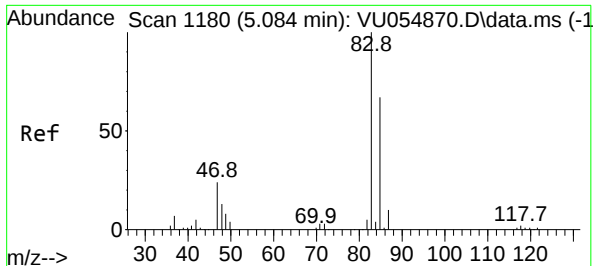
Tgt Ion: 73 Resp: 152895
Ion Ratio Lower Upper
73 100
43 18.5 14.6 22.0



#26
Bromochloromethane
Concen: 6.997 ug/l
RT: 4.972 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VU054873.D
Acq: 25 Jul 2023 19:30

Tgt Ion: 128 Resp: 19378
Ion Ratio Lower Upper
128 100
49 140.5 0.0 304.0
130 125.9 104.3 156.5





#27

Chloroform

Concen: 10.426 ug/l

RT: 5.081 min Scan# 1180

Delta R.T. -0.003 min

Lab File: VU054873.D

Acq: 25 Jul 2023 19:30

Instrument :

MSVOA_U

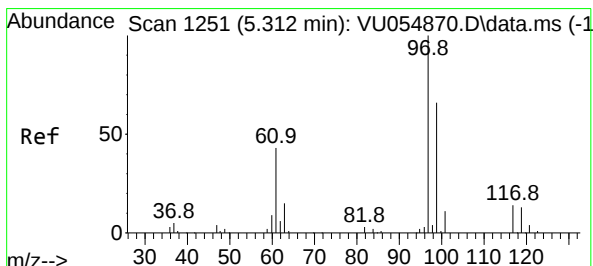
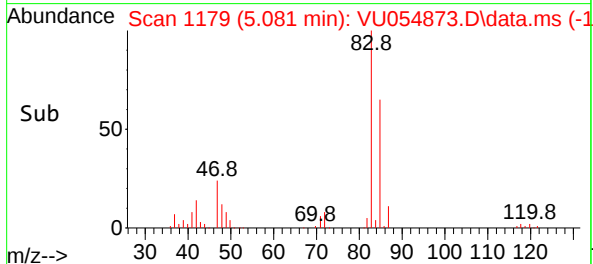
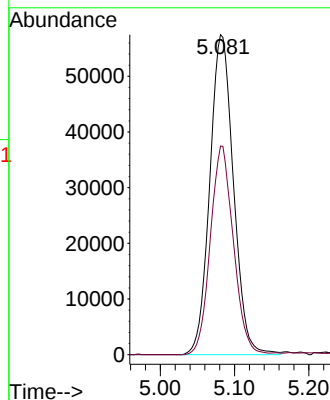
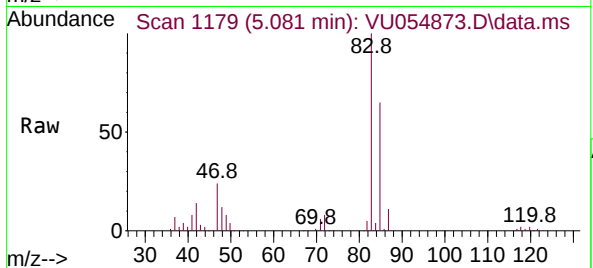
ClientSampleId :

Tgt Ion: 83 Resp: 127241

Ion Ratio Lower Upper

83 100

85 65.2 0.0 135.2



#28

1,1,1-Trichloroethane

Concen: 10.021 ug/l

RT: 5.313 min Scan# 1251

Delta R.T. 0.000 min

Lab File: VU054873.D

Acq: 25 Jul 2023 19:30

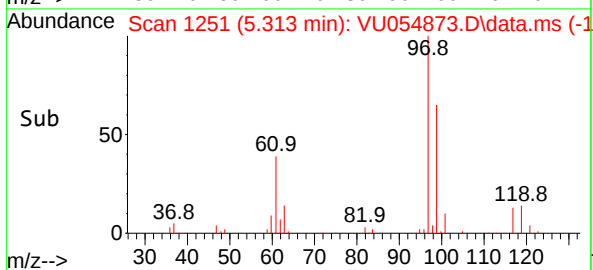
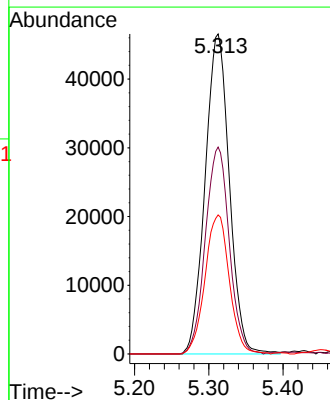
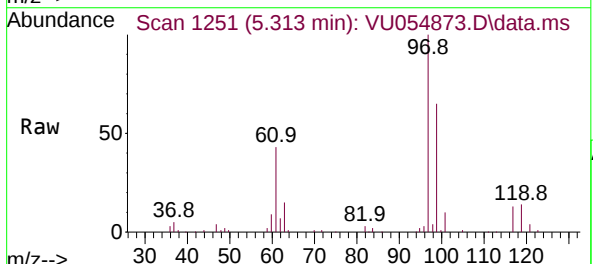
Tgt Ion: 97 Resp: 105623

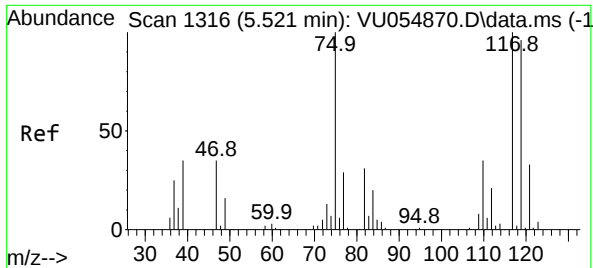
Ion Ratio Lower Upper

97 100

99 63.8 32.0 96.2

61 43.6 21.0 63.0





#29

1,1-Dichloropropene

Concen: 10.501 ug/l

RT: 5.522 min Scan# 1316

Delta R.T. 0.000 min

Lab File: VU054873.D

Acq: 25 Jul 2023 19:30

Instrument :

MSVOA_U

ClientSampleId :

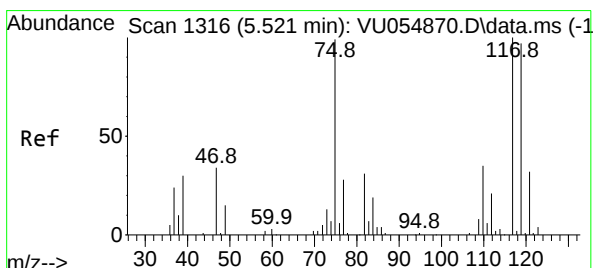
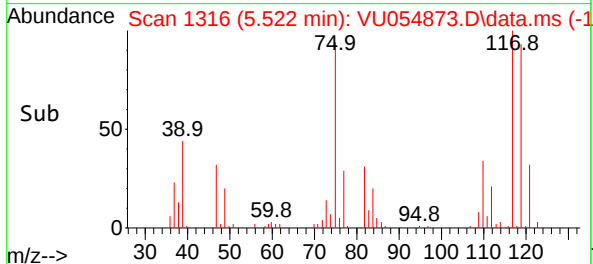
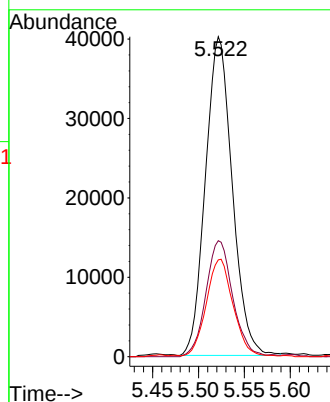
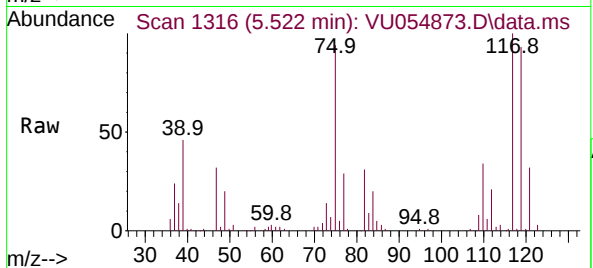
Tgt Ion: 75 Resp: 81654

Ion Ratio Lower Upper

75 100

110 36.4 18.5 55.5

77 29.9 24.9 37.3



#30

Carbon Tetrachloride

Concen: 10.322 ug/l

RT: 5.518 min Scan# 1315

Delta R.T. -0.003 min

Lab File: VU054873.D

Acq: 25 Jul 2023 19:30

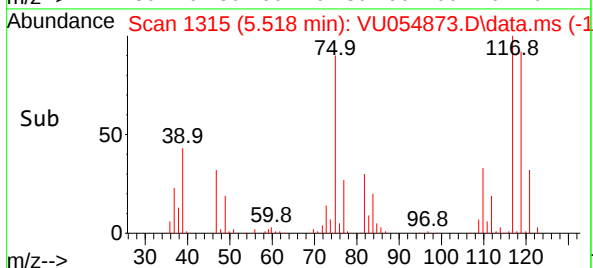
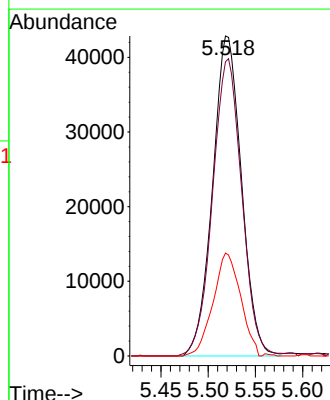
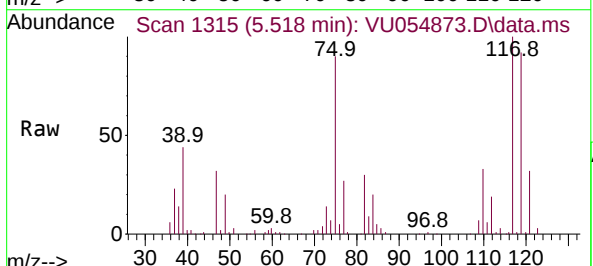
Tgt Ion: 117 Resp: 90822

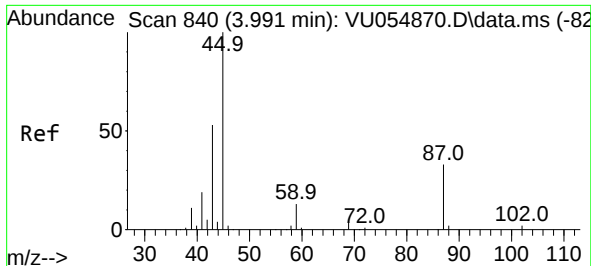
Ion Ratio Lower Upper

117 100

119 91.6 75.6 113.4

121 32.1 23.4 35.0

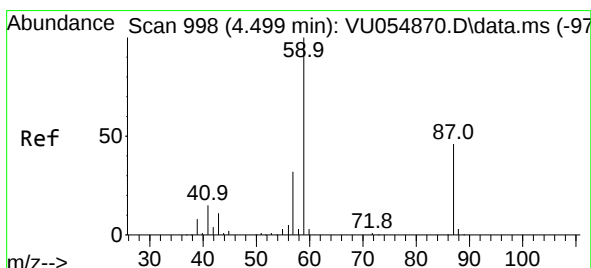
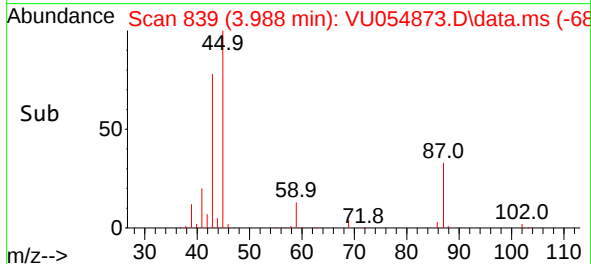
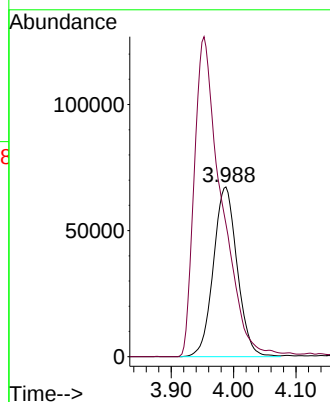
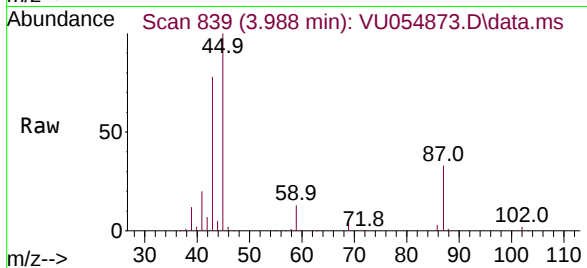




#31
Isopropyl Ether
Concen: 10.621 ug/l
RT: 3.988 min Scan# 81
Delta R.T. -0.003 min
Lab File: VU054873.D
Acq: 25 Jul 2023 19:30

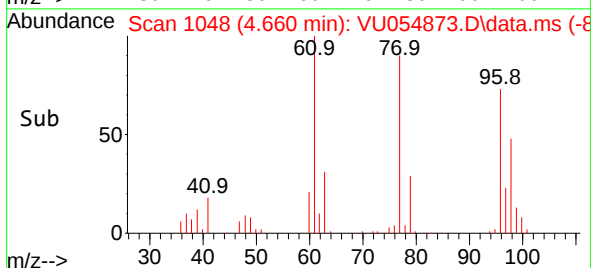
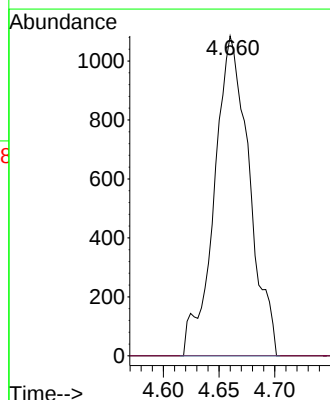
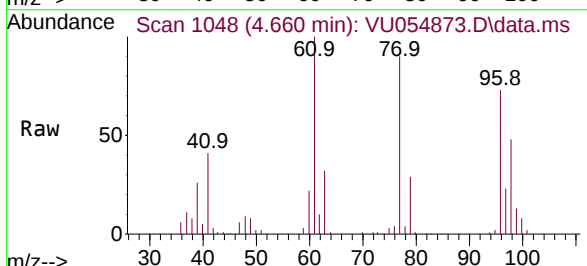
Instrument :
MSVOA_U
ClientSampleId :

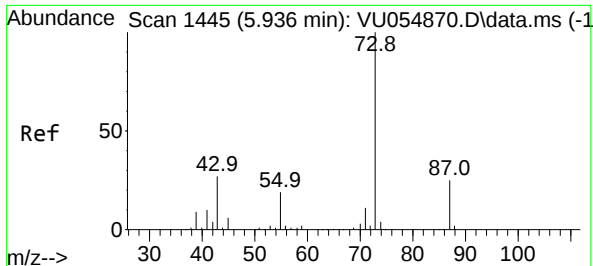
Tgt Ion: 45 Resp: 178157
Ion Ratio Lower Upper
45 100
43 213.4 26.4 79.2#



#32
Ethyl-t-butyl ether
Concen: 0.137 ug/l
RT: 4.660 min Scan# 1048
Delta R.T. 0.161 min
Lab File: VU054873.D
Acq: 25 Jul 2023 19:30

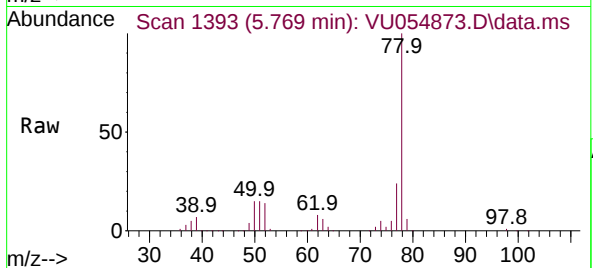
Tgt Ion: 59 Resp: 2368
Ion Ratio Lower Upper
59 100
87 0.0 35.7 53.5#



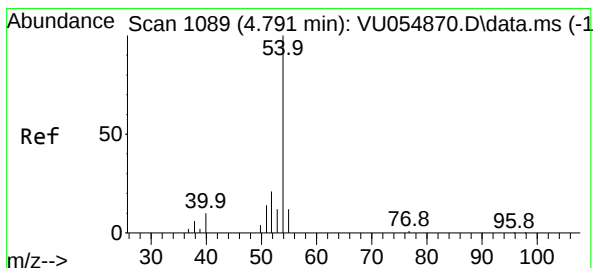
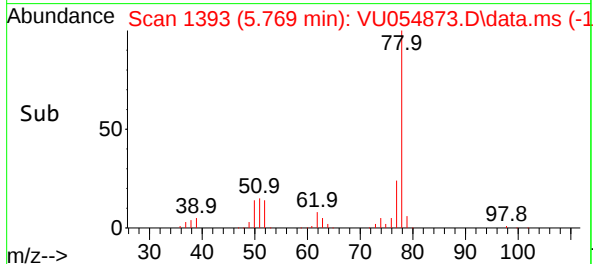
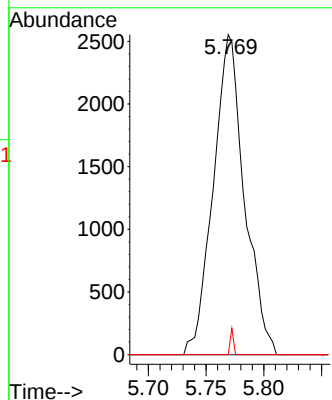


#33
Tert-Amyl methyl ether
Concen: 0.294 ug/l
RT: 5.769 min Scan# 11
Delta R.T. -0.167 min
Lab File: VU054873.D
Acq: 25 Jul 2023 19:30

Instrument :
MSVOA_U
ClientSampleId :

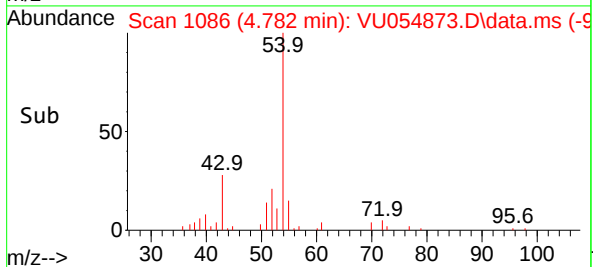
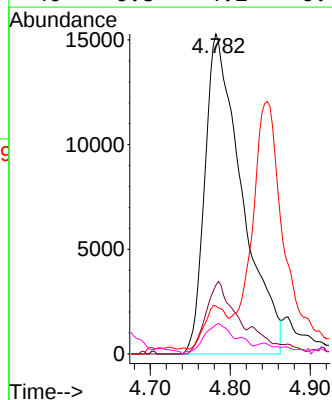
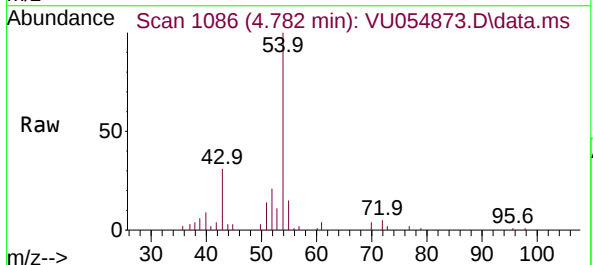


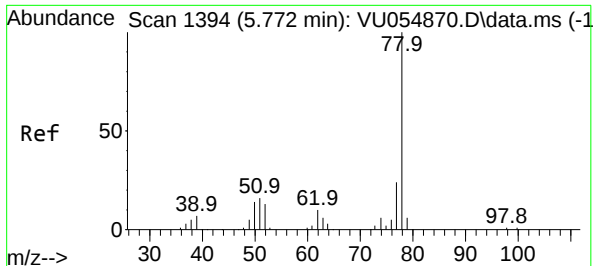
Tgt Ion: 73 Resp: 4797
Ion Ratio Lower Upper
73 100
87 236.5 19.6 29.4#
71 0.9 9.1 13.7#



#34
Propionitrile
Concen: 115.140 ug/l
RT: 4.782 min Scan# 1086
Delta R.T. -0.009 min
Lab File: VU054873.D
Acq: 25 Jul 2023 19:30

Tgt Ion: 54 Resp: 49025
Ion Ratio Lower Upper
54 100
52 17.1 13.8 20.8
55 8.0 4.8 7.2#
40 6.8 4.2 6.4#

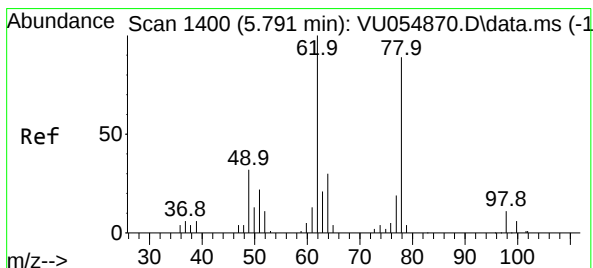
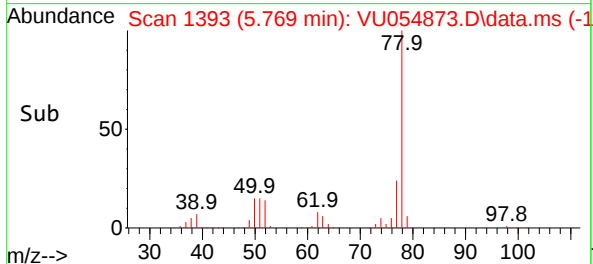
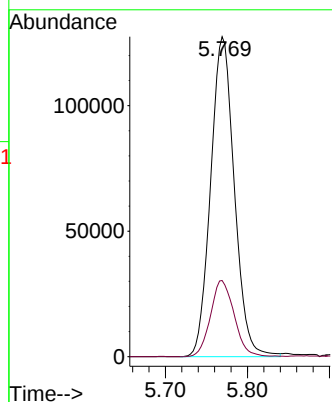
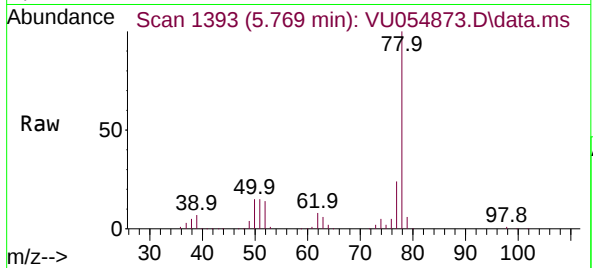




#35
Benzene
Concen: 10.533 ug/l
RT: 5.769 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU054873.D
Acq: 25 Jul 2023 19:30

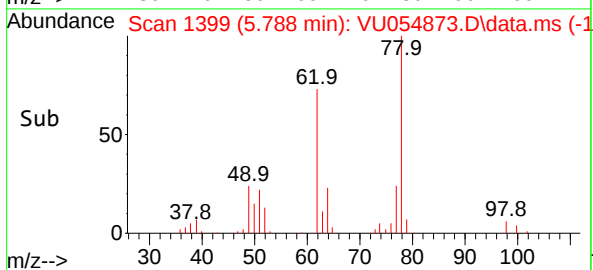
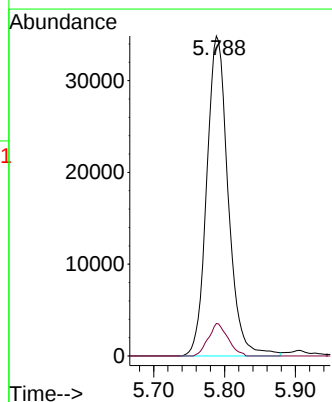
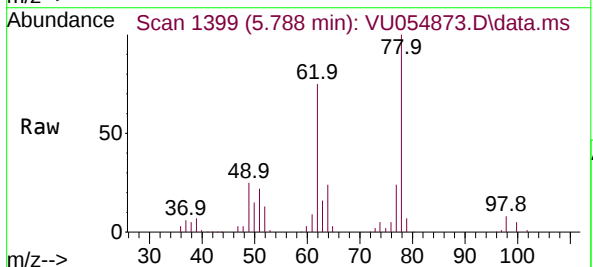
Instrument :
MSVOA_U
ClientSampleId :

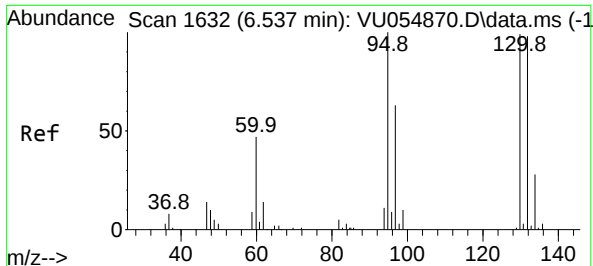
Tgt Ion: 78 Resp: 256456
Ion Ratio Lower Upper
78 100
77 23.8 19.4 29.2



#36
1,2-Dichloroethane
Concen: 10.565 ug/l
RT: 5.788 min Scan# 1399
Delta R.T. -0.003 min
Lab File: VU054873.D
Acq: 25 Jul 2023 19:30

Tgt Ion: 62 Resp: 73182
Ion Ratio Lower Upper
62 100
98 9.3 7.8 11.8





#37

Trichloroethene

Concen: 10.261 ug/l

RT: 6.538 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU054873.D

Acq: 25 Jul 2023 19:30

Instrument :

MSVOA_U

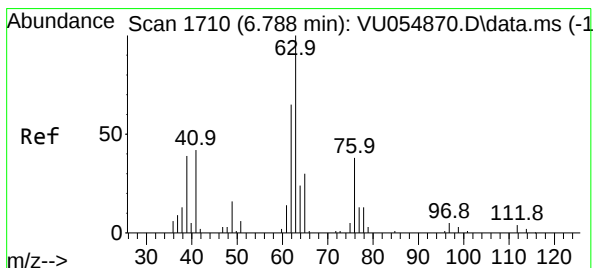
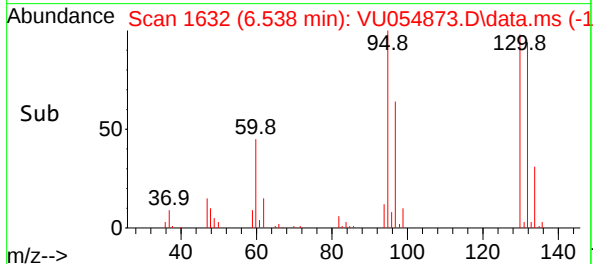
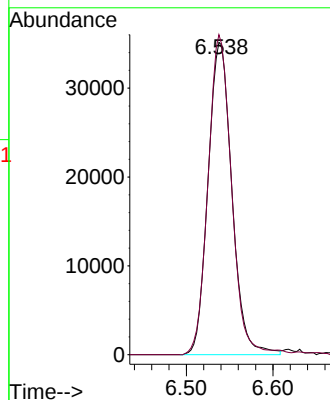
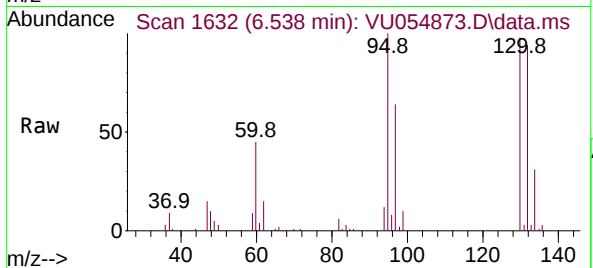
ClientSampleId :

Tgt Ion:130 Resp: 67197

Ion Ratio Lower Upper

130 100

95 102.4 76.8 115.2



#38

1,2-Dichloropropane

Concen: 10.024 ug/l

RT: 6.785 min Scan# 1709

Delta R.T. -0.003 min

Lab File: VU054873.D

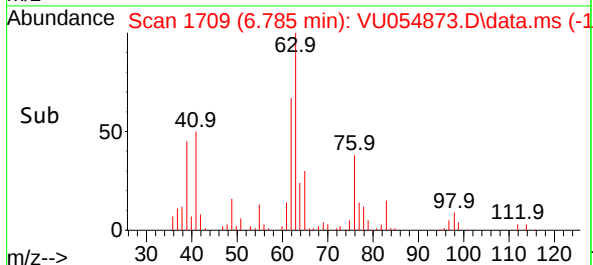
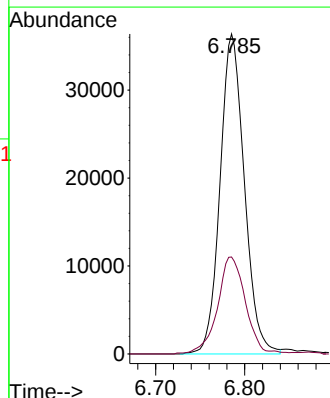
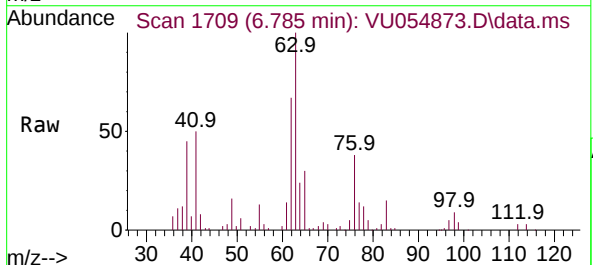
Acq: 25 Jul 2023 19:30

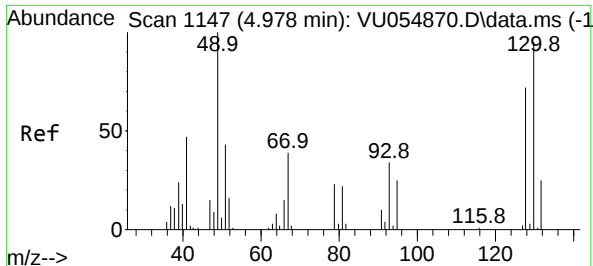
Tgt Ion: 63 Resp: 68993

Ion Ratio Lower Upper

63 100

65 30.0 24.3 36.5





#39

Methacrylonitrile

Concen: 9.576 ug/l

RT: 4.972 min Scan# 1145

Delta R.T. -0.006 min

Lab File: VU054873.D

Acq: 25 Jul 2023 19:30

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 41 Resp: 16347

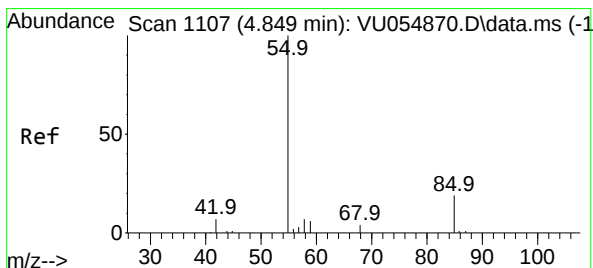
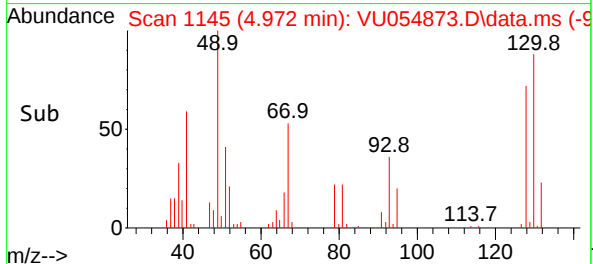
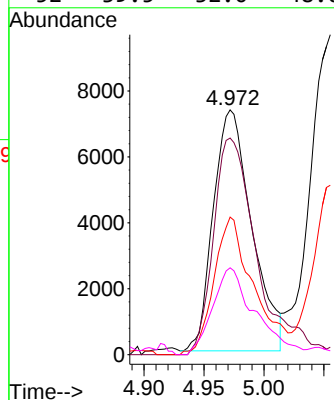
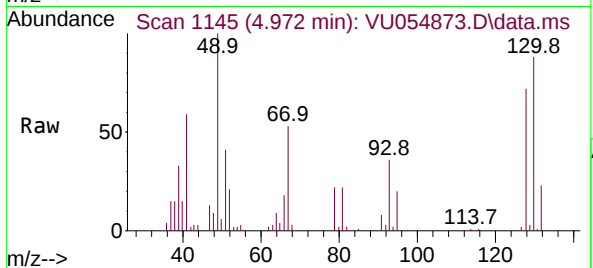
Ion Ratio Lower Upper

41 100

67 101.1 77.0 115.4

39 58.6 50.4 75.6

52 39.5 32.0 48.0



#40

Methyl acrylate

Concen: 11.340 ug/l

RT: 4.846 min Scan# 1106

Delta R.T. -0.003 min

Lab File: VU054873.D

Acq: 25 Jul 2023 19:30

Tgt Ion: 55 Resp: 30780

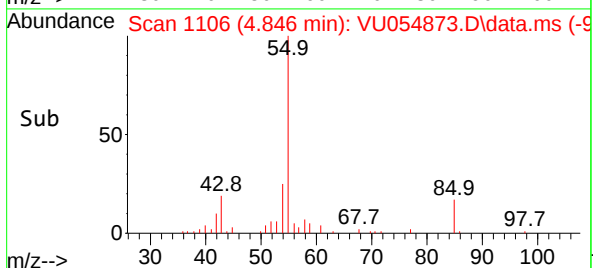
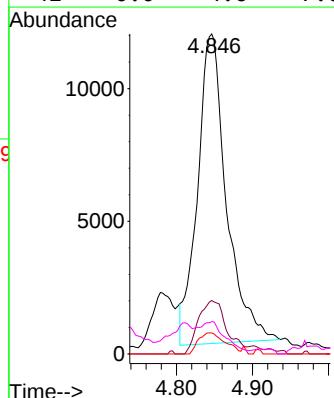
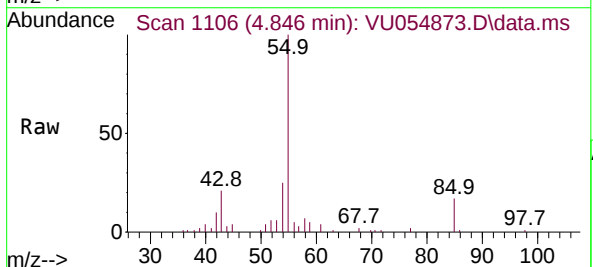
Ion Ratio Lower Upper

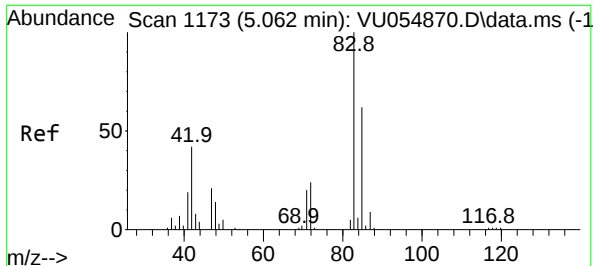
55 100

85 16.9 13.0 19.6

58 6.3 5.7 8.5

42 0.0 4.6 7.0#





#41

Tetrahydrofuran

Concen: 47.516 ug/l

RT: 5.055 min Scan# 1171

Delta R.T. -0.006 min

Lab File: VU054873.D

Acq: 25 Jul 2023 19:30

Instrument :

MSVOA_U

ClientSampleId :

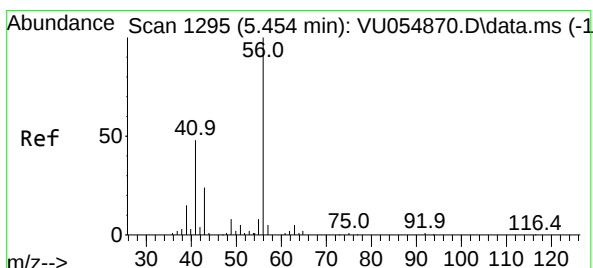
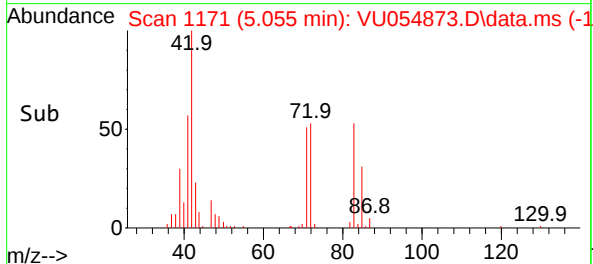
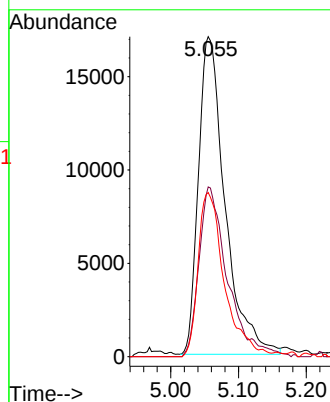
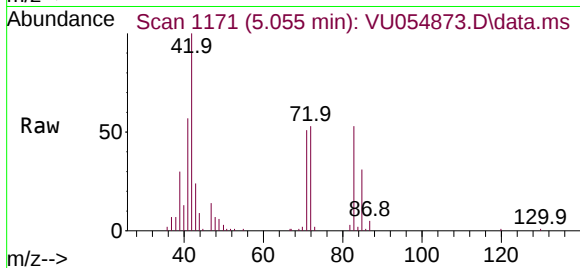
Tgt Ion: 42 Resp: 46378

Ion Ratio Lower Upper

42 100

72 57.2 42.1 63.1

71 51.1 39.7 59.5



#42

1-Chlorobutane

Concen: 10.337 ug/l

RT: 5.454 min Scan# 1295

Delta R.T. 0.000 min

Lab File: VU054873.D

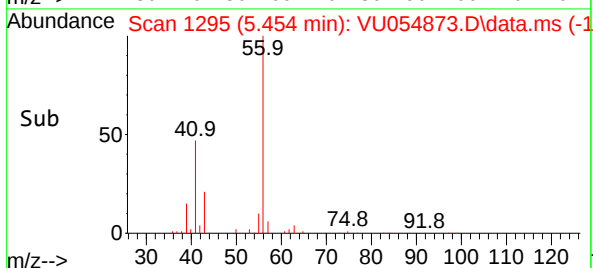
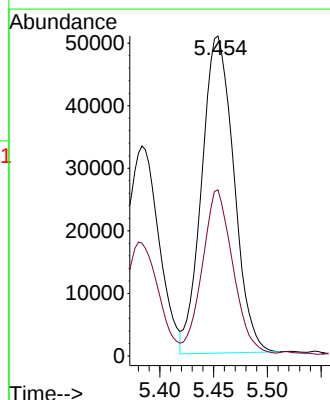
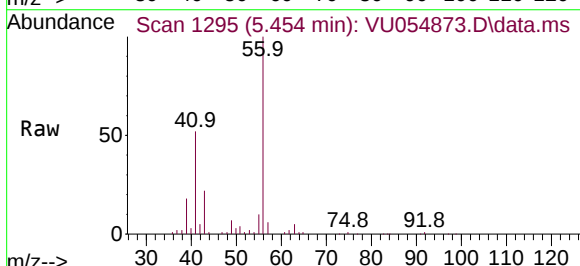
Acq: 25 Jul 2023 19:30

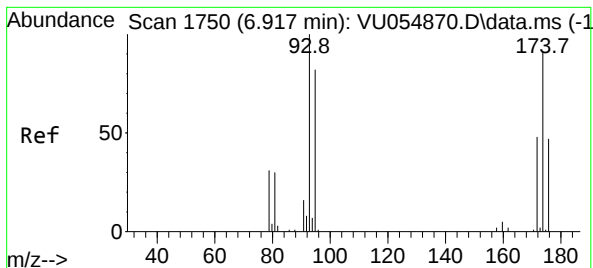
Tgt Ion: 56 Resp: 105236

Ion Ratio Lower Upper

56 100

41 49.2 23.9 71.7





#43

Dibromomethane

Concen: 11.216 ug/l

RT: 6.914 min Scan# 1749

Delta R.T. -0.003 min

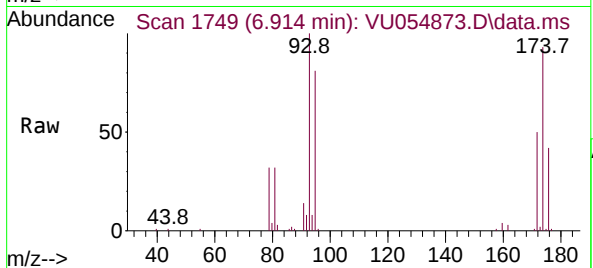
Lab File: VU054873.D

Acq: 25 Jul 2023 19:30

Instrument :

MSVOA_U

ClientSampleId :



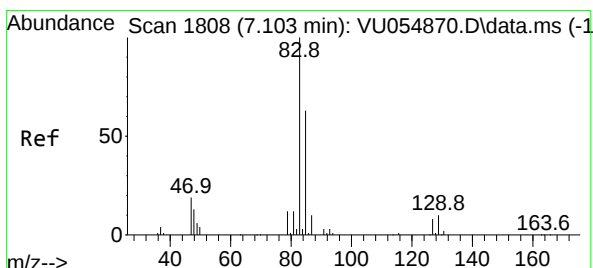
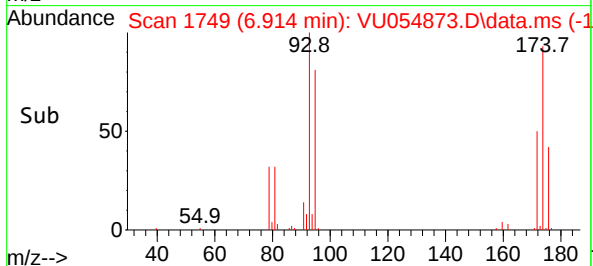
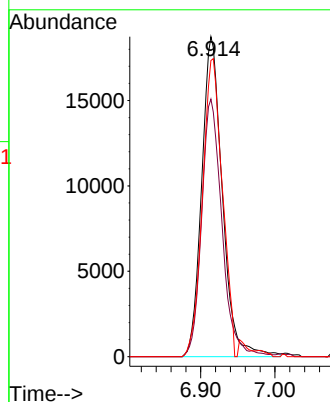
Tgt Ion: 93 Resp: 36261

Ion Ratio Lower Upper

93 100

95 79.1 64.7 97.1

174 89.3 74.4 111.6



#44

Bromodichloromethane

Concen: 10.517 ug/l

RT: 7.100 min Scan# 1807

Delta R.T. -0.003 min

Lab File: VU054873.D

Acq: 25 Jul 2023 19:30

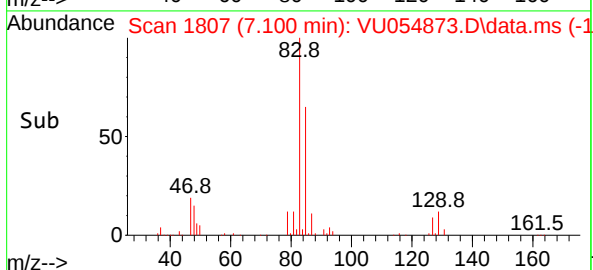
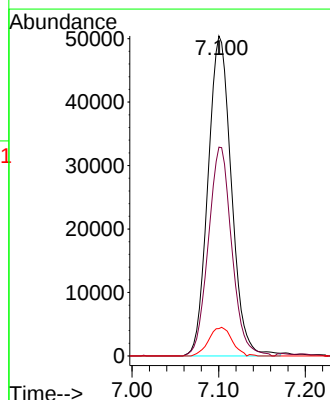
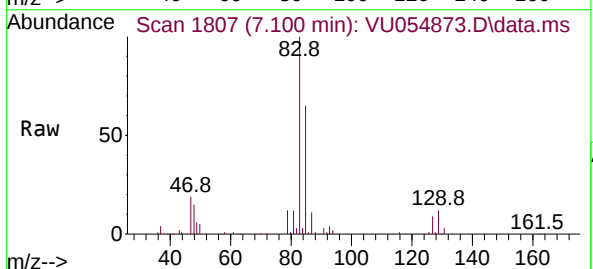
Tgt Ion: 83 Resp: 94730

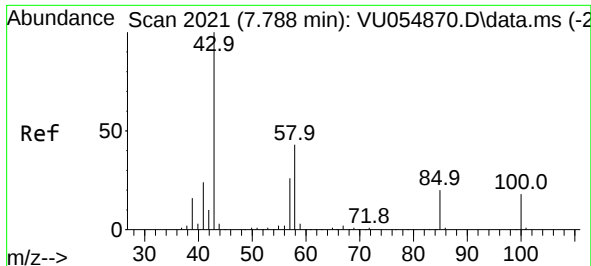
Ion Ratio Lower Upper

83 100

85 65.3 52.2 78.2

127 9.5 6.1 9.1#

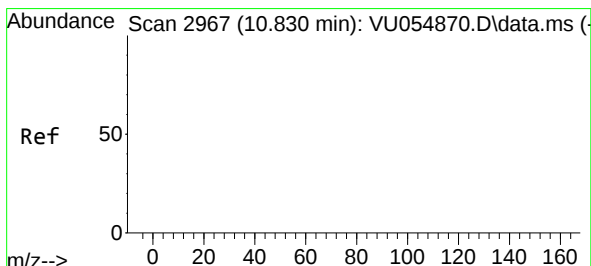
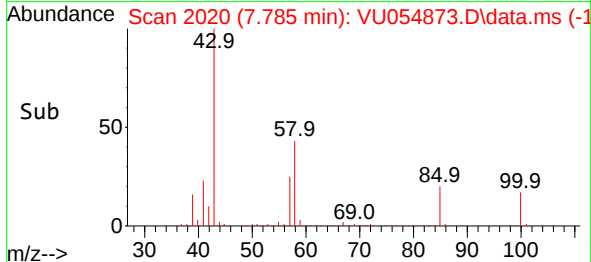
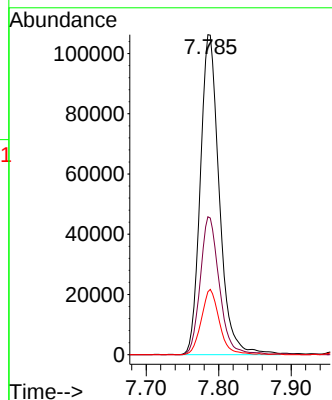
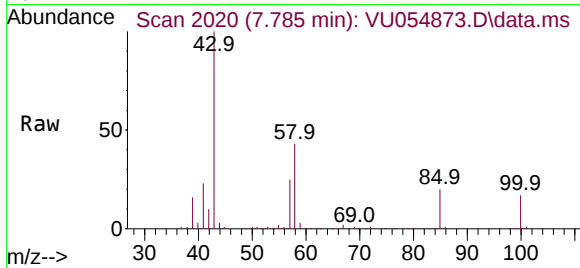




#45
4-Methyl-2-Pentanone
Concen: 51.258 ug/l
RT: 7.785 min Scan# 20
Delta R.T. -0.003 min
Lab File: VU054873.D
Acq: 25 Jul 2023 19:30

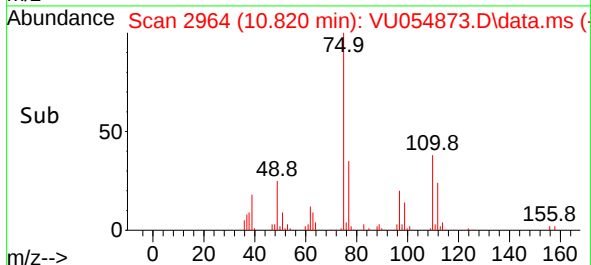
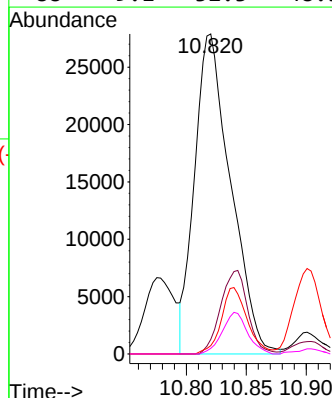
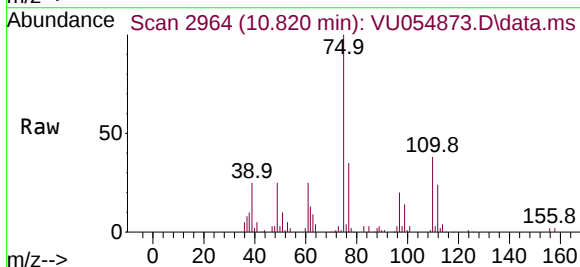
Instrument :
MSVOA_U
ClientSampleId :

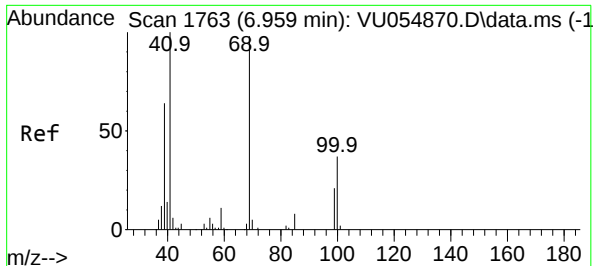
Tgt Ion: 43 Resp: 193362
Ion Ratio Lower Upper
43 100
58 43.3 21.3 63.7
85 19.4 15.3 22.9



#46
t-1,4-Dichloro-2-butene
Concen: 38.429 ug/l
RT: 10.820 min Scan# 2964
Delta R.T. -0.009 min
Lab File: VU054873.D
Acq: 25 Jul 2023 19:30

Tgt Ion: 75 Resp: 58331
Ion Ratio Lower Upper
75 100
53 19.5 62.9 94.3#
89 14.9 47.8 71.8#
88 9.1 32.3 48.5#





#47

Methyl methacrylate

Concen: 10.715 ug/l

RT: 6.956 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU054873.D

Acq: 25 Jul 2023 19:30

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 69 Resp: 31671

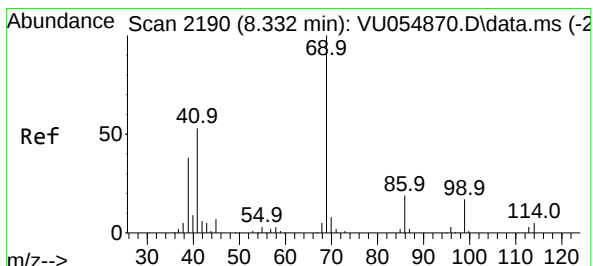
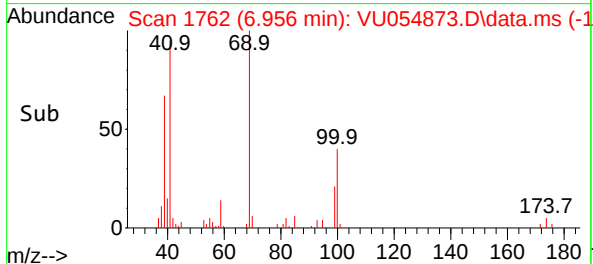
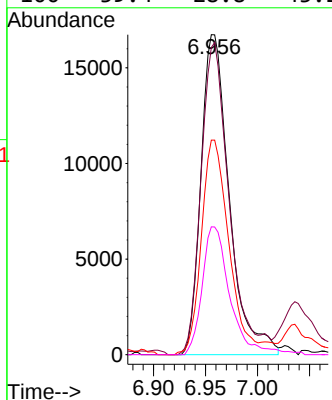
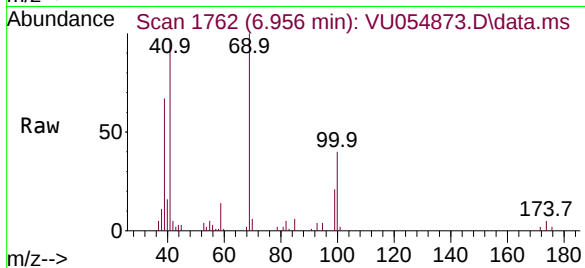
Ion Ratio Lower Upper

69 100

41 94.8 0.0 193.0

39 64.8 50.4 75.6

100 39.4 28.8 43.2



#48

Ethyl methacrylate

Concen: 11.214 ug/l

RT: 8.328 min Scan# 2189

Delta R.T. -0.003 min

Lab File: VU054873.D

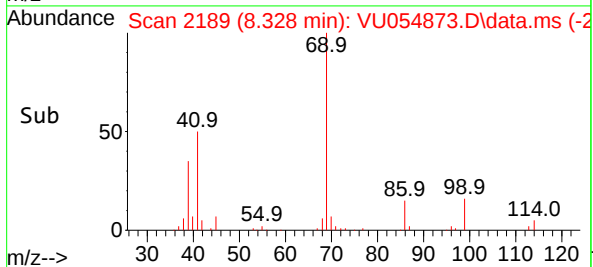
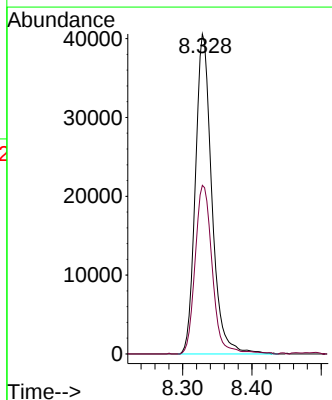
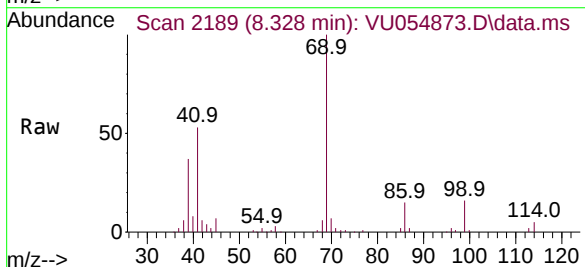
Acq: 25 Jul 2023 19:30

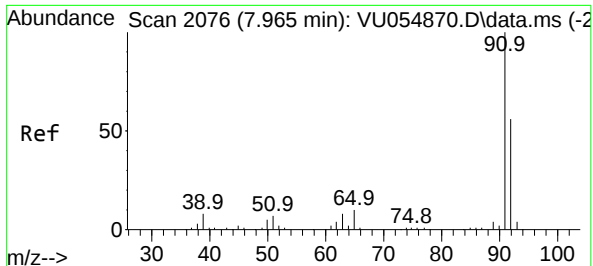
Tgt Ion: 69 Resp: 67040

Ion Ratio Lower Upper

69 100

41 55.1 28.8 86.5





#49

Toluene

Concen: 10.835 ug/l

RT: 7.965 min Scan# 2076

Delta R.T. 0.000 min

Lab File: VU054873.D

Acq: 25 Jul 2023 19:30

Instrument :

MSVOA_U

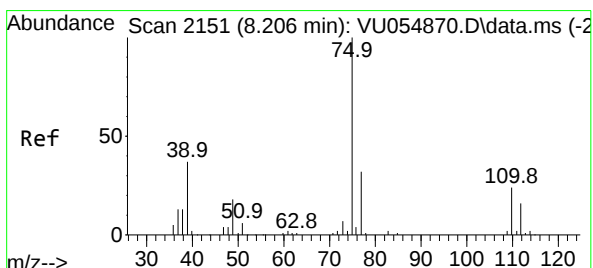
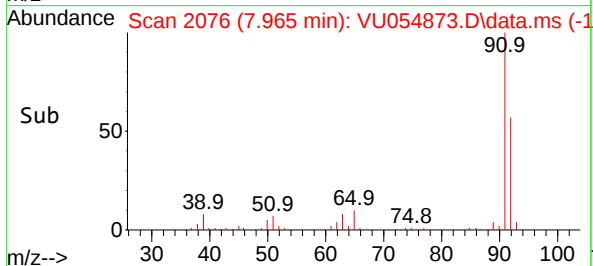
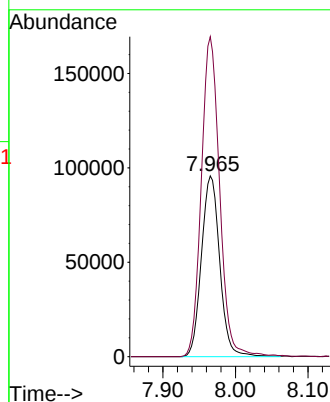
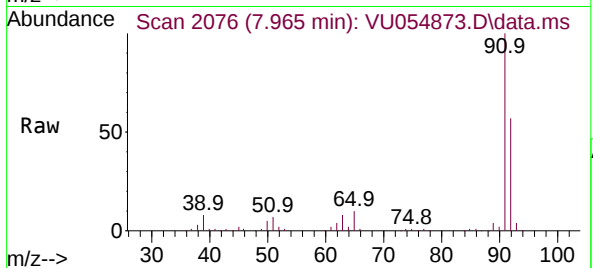
ClientSampleId :

Tgt Ion: 92 Resp: 168069

Ion Ratio Lower Upper

92 100

91 176.9 142.9 214.3



#50

t-1,3-Dichloropropene

Concen: 10.756 ug/l

RT: 8.206 min Scan# 2151

Delta R.T. 0.000 min

Lab File: VU054873.D

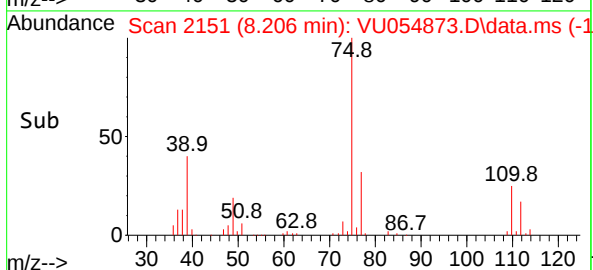
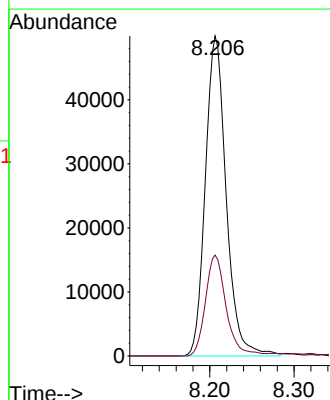
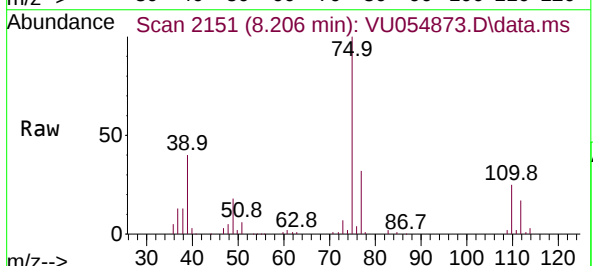
Acq: 25 Jul 2023 19:30

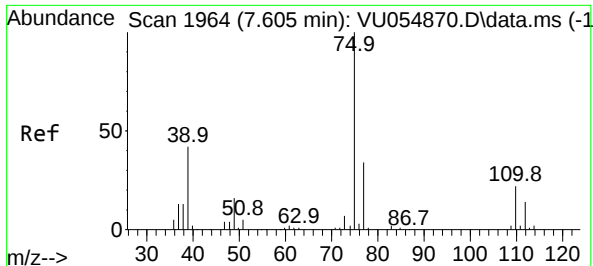
Tgt Ion: 75 Resp: 86017

Ion Ratio Lower Upper

75 100

77 31.5 24.9 37.3





#51

cis-1,3-Dichloropropene

Concen: 10.551 ug/l

RT: 7.605 min Scan# 1964

Delta R.T. 0.000 min

Lab File: VU054873.D

Acq: 25 Jul 2023 19:30

Instrument :

MSVOA_U

ClientSampleId :

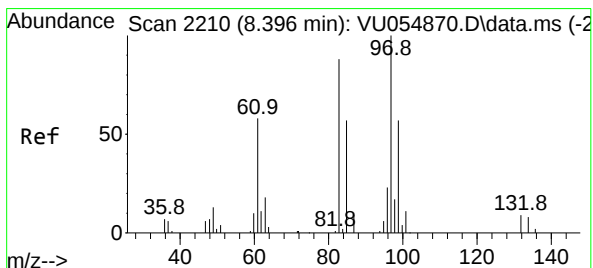
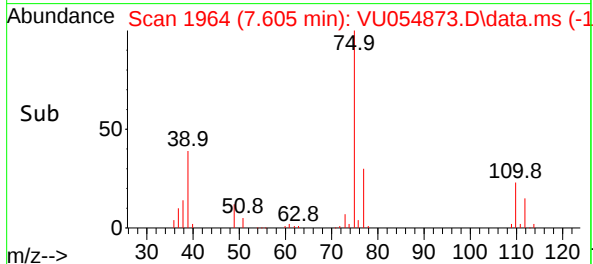
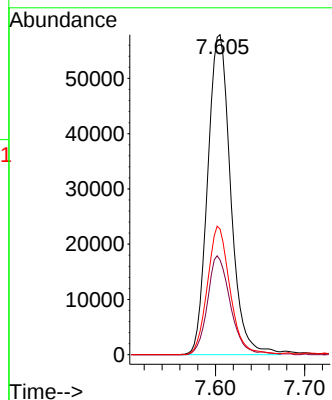
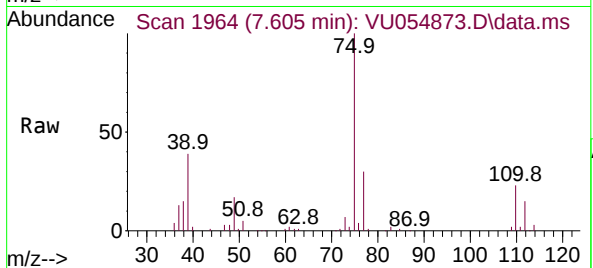
Tgt Ion: 75 Resp: 103721

Ion Ratio Lower Upper

75 100

77 29.6 25.8 38.8

39 39.0 31.7 47.5



#52

1,1,2-Trichloroethane

Concen: 10.073 ug/l

RT: 8.396 min Scan# 2210

Delta R.T. 0.000 min

Lab File: VU054873.D

Acq: 25 Jul 2023 19:30

Tgt Ion: 97 Resp: 51629

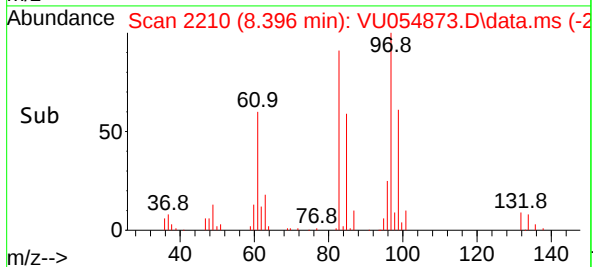
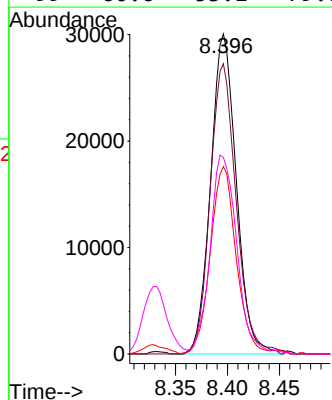
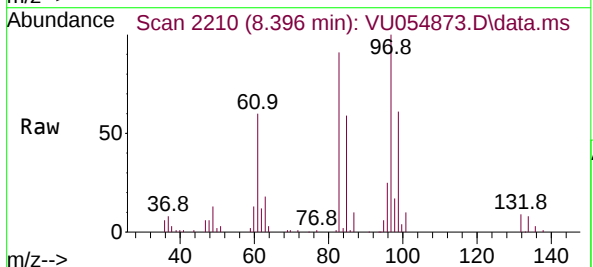
Ion Ratio Lower Upper

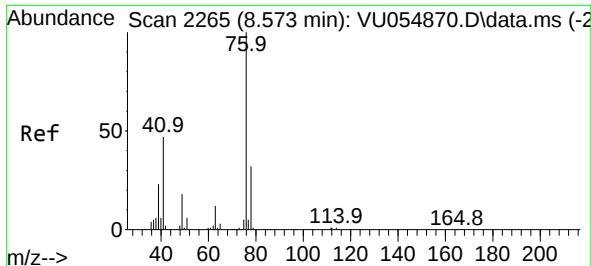
97 100

83 90.7 77.4 116.2

85 58.6 47.8 71.8

99 60.6 53.1 79.7





#53

1,3-Dichloropropane

Concen: 10.769 ug/l

RT: 8.570 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU054873.D

Acq: 25 Jul 2023 19:30

Instrument :

MSVOA_U

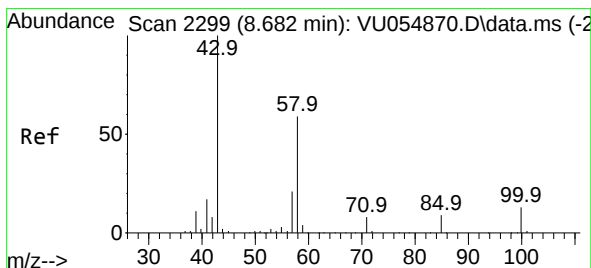
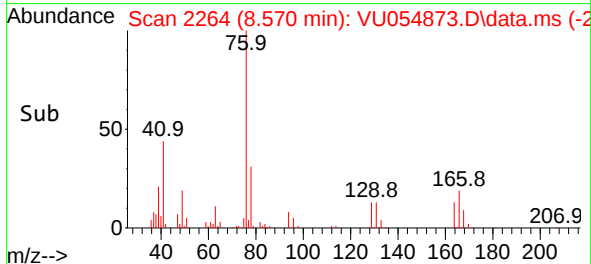
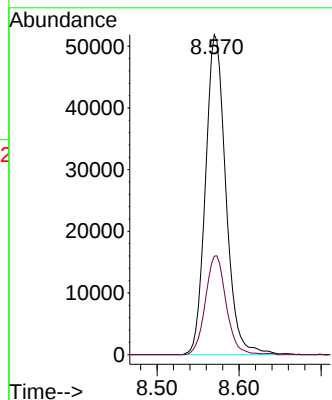
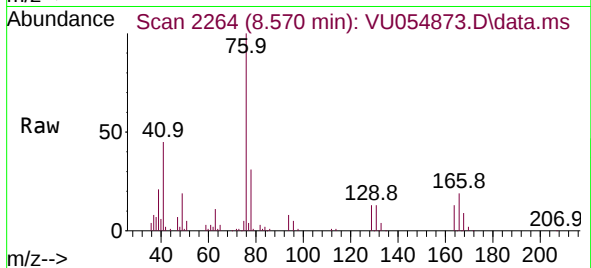
ClientSampleId :

Tgt Ion: 76 Resp: 89282

Ion Ratio Lower Upper

76 100

78 31.5 24.6 36.8



#54

2-Hexanone

Concen: 50.222 ug/l

RT: 8.682 min Scan# 2299

Delta R.T. 0.000 min

Lab File: VU054873.D

Acq: 25 Jul 2023 19:30

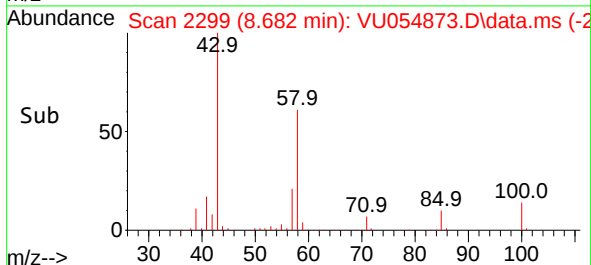
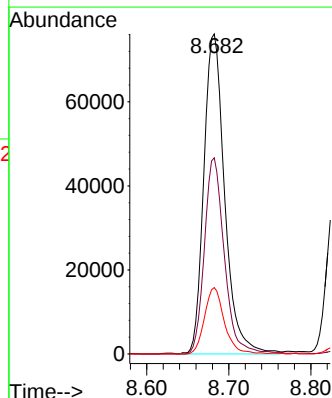
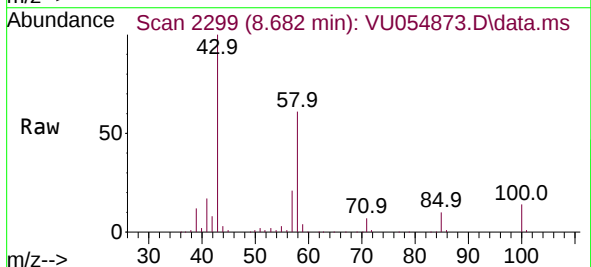
Tgt Ion: 43 Resp: 134623

Ion Ratio Lower Upper

43 100

58 58.6 38.9 78.9

57 19.7 0.0 38.7





#55

Dibromochloromethane

Concen: 10.394 ug/l

RT: 8.804 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU054873.D

Acq: 25 Jul 2023 19:30

Instrument :

MSVOA_U

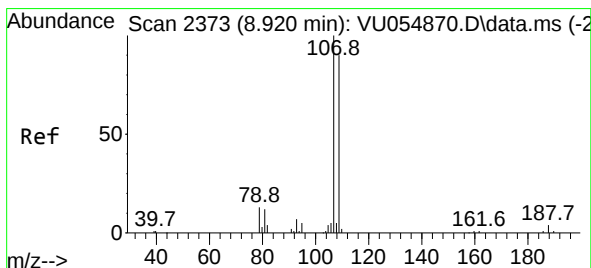
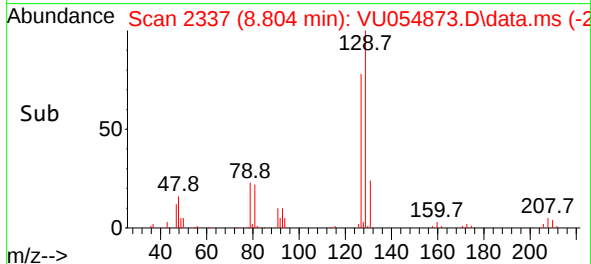
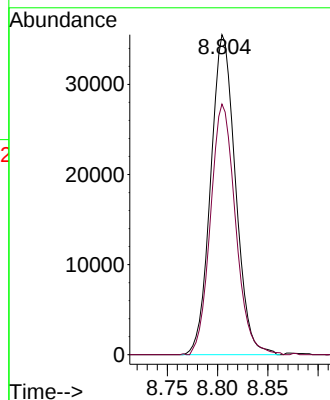
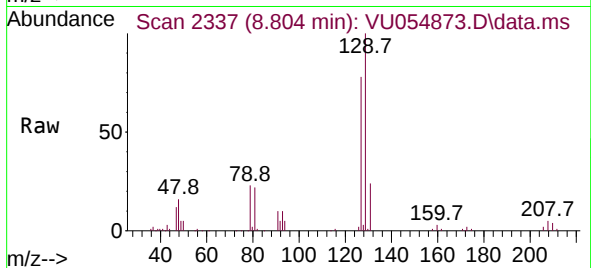
ClientSampleId :

Tgt Ion:129 Resp: 61037

Ion Ratio Lower Upper

129 100

127 78.9 61.4 92.0



#56

1,2-Dibromoethane

Concen: 11.374 ug/l

RT: 8.920 min Scan# 2373

Delta R.T. 0.000 min

Lab File: VU054873.D

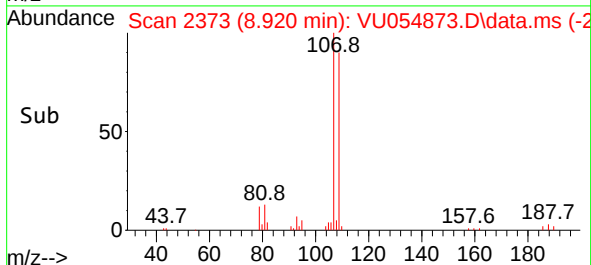
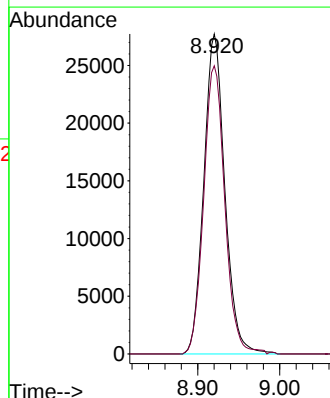
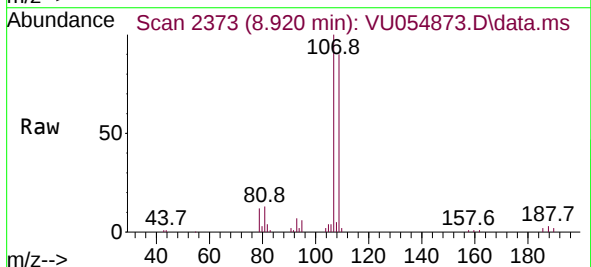
Acq: 25 Jul 2023 19:30

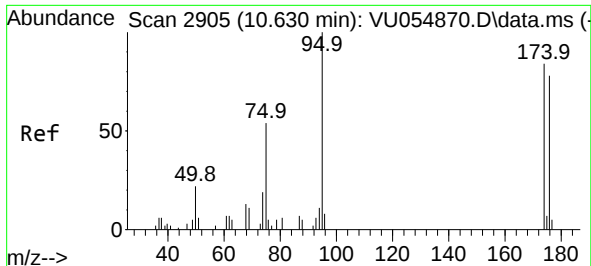
Tgt Ion:107 Resp: 49401

Ion Ratio Lower Upper

107 100

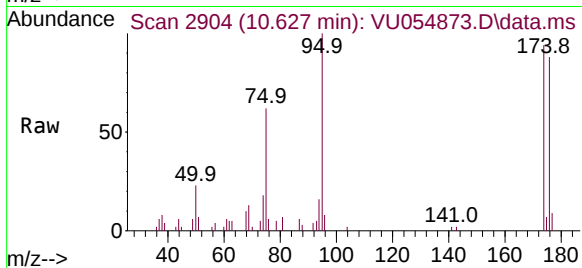
109 90.5 0.0 185.4



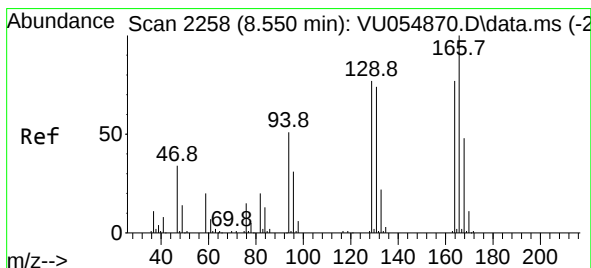
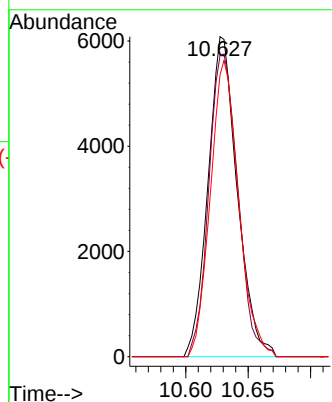
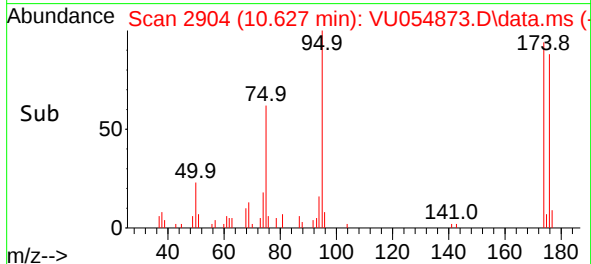


#57
4-Bromofluorobenzene
Concen: 1.212 ug/l
RT: 10.627 min Scan# 2904
Delta R.T. -0.003 min
Lab File: VU054873.D
Acq: 25 Jul 2023 19:30

Instrument :
MSVOA_U
ClientSampleId :

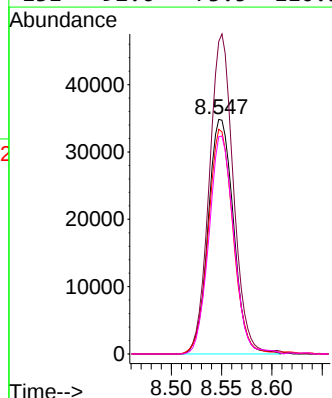
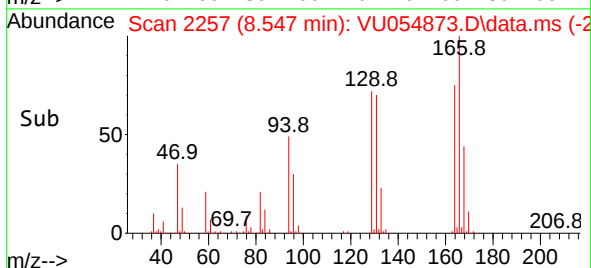
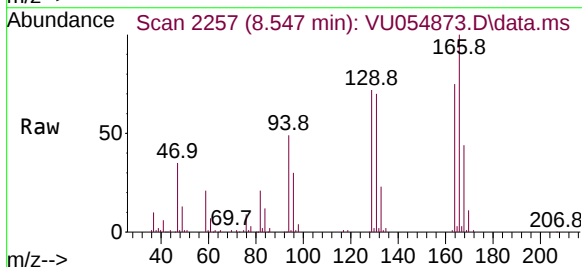


Tgt Ion: 95 Resp: 9935
Ion Ratio Lower Upper
95 100
174 93.7 79.3 118.9
176 89.5 71.5 107.3



#58
Tetrachloroethene
Concen: 10.662 ug/l
RT: 8.547 min Scan# 2257
Delta R.T. -0.003 min
Lab File: VU054873.D
Acq: 25 Jul 2023 19:30

Tgt Ion: 164 Resp: 60946
Ion Ratio Lower Upper
164 100
166 133.2 100.4 150.6
129 95.8 71.9 107.9
131 92.6 73.5 110.3





#59

Chlorobenzene

Concen: 10.010 ug/l

RT: 9.444 min Scan# 2536

Delta R.T. 0.000 min

Lab File: VU054873.D

Acq: 25 Jul 2023 19:30

Instrument :

MSVOA_U

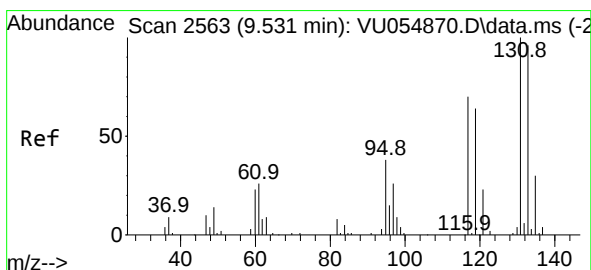
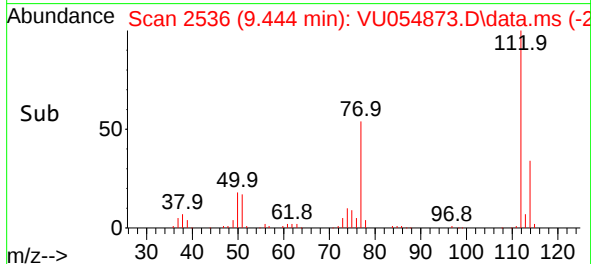
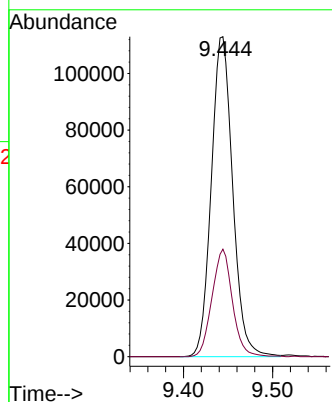
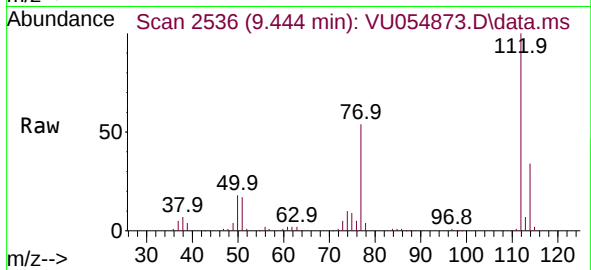
ClientSampleId :

Tgt Ion:112 Resp: 188417

Ion Ratio Lower Upper

112 100

114 33.6 25.0 37.6



#60

1,1,1,2-Tetrachloroethane

Concen: 10.805 ug/l

RT: 9.528 min Scan# 2562

Delta R.T. -0.003 min

Lab File: VU054873.D

Acq: 25 Jul 2023 19:30

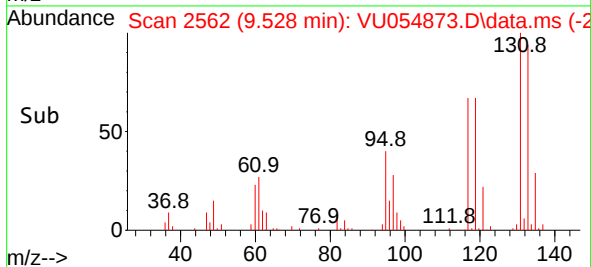
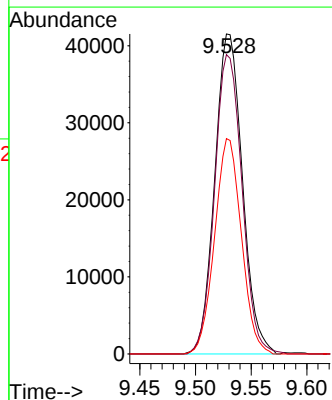
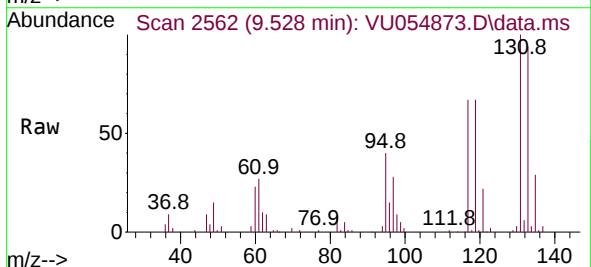
Tgt Ion:131 Resp: 71805

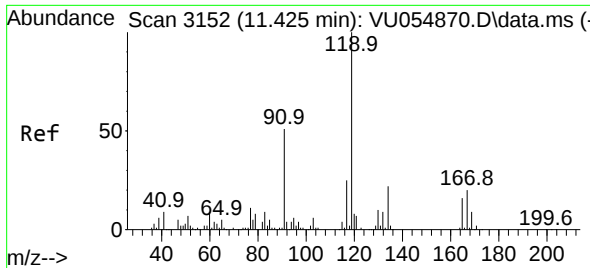
Ion Ratio Lower Upper

131 100

133 92.8 74.2 111.4

119 65.1 51.0 76.4

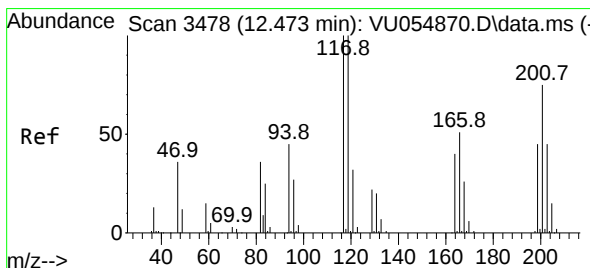
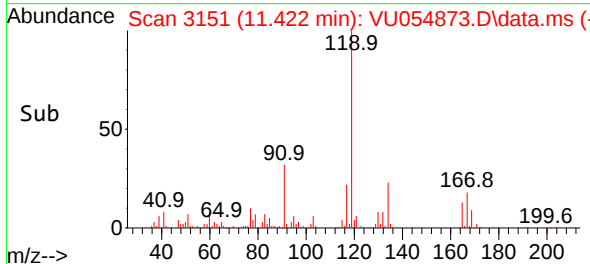
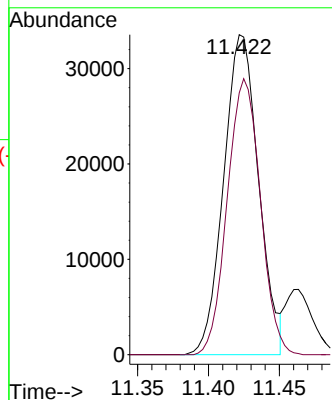
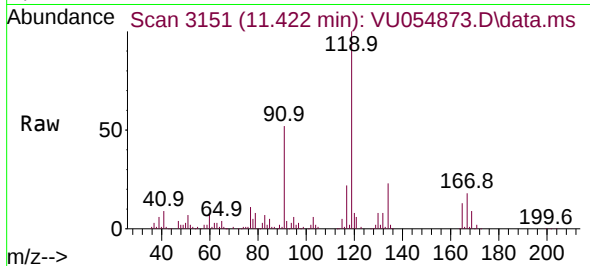




#61
Pentachloroethane
Concen: 11.093 ug/l
RT: 11.422 min Scan# 3152
Delta R.T. -0.003 min
Lab File: VU054873.D
Acq: 25 Jul 2023 19:30

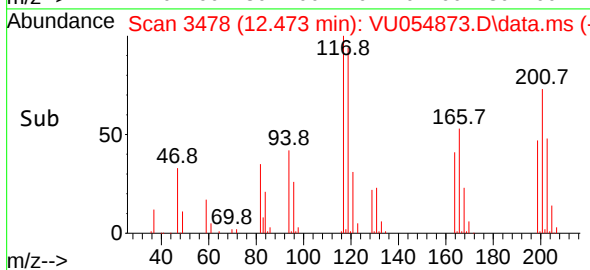
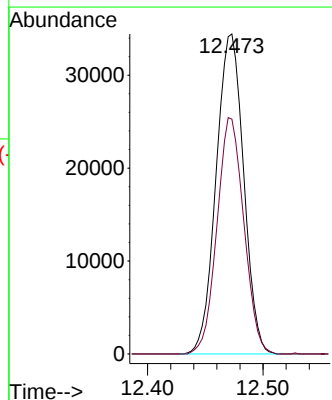
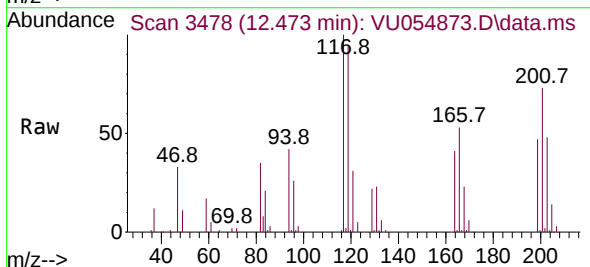
Instrument :
MSVOA_U
ClientSampleId :

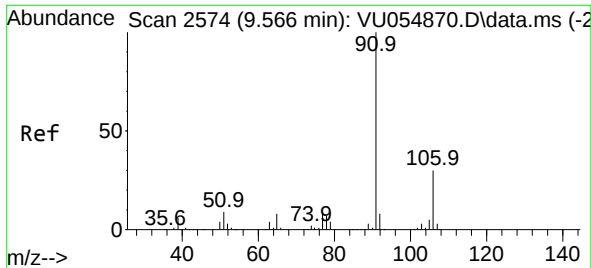
Tgt Ion:117 Resp: 57591
Ion Ratio Lower Upper
117 100
167 81.7 65.3 97.9



#62
Hexachloroethane
Concen: 10.673 ug/l
RT: 12.473 min Scan# 3478
Delta R.T. 0.000 min
Lab File: VU054873.D
Acq: 25 Jul 2023 19:30

Tgt Ion:117 Resp: 56985
Ion Ratio Lower Upper
117 100
201 72.1 56.1 84.1

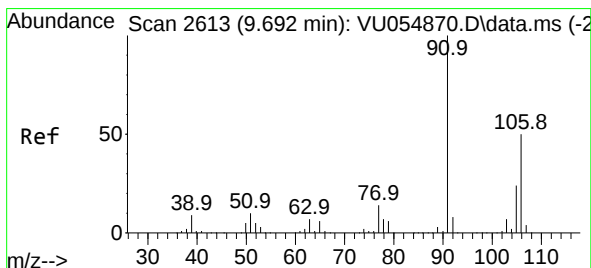
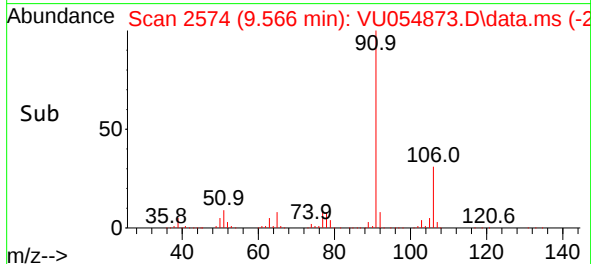
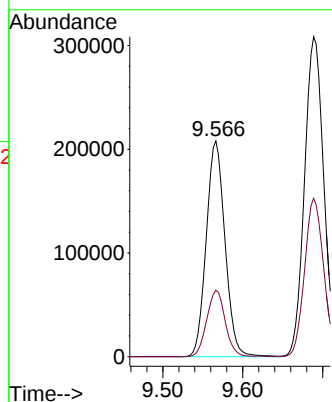
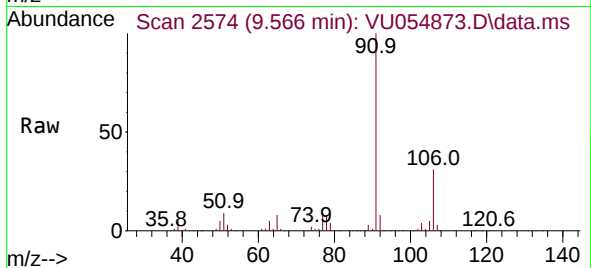




#63
Ethyl Benzene
Concen: 10.748 ug/l
RT: 9.566 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU054873.D
Acq: 25 Jul 2023 19:30

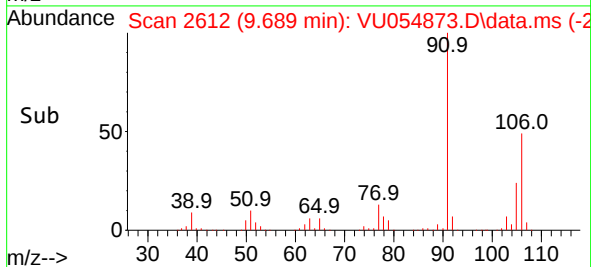
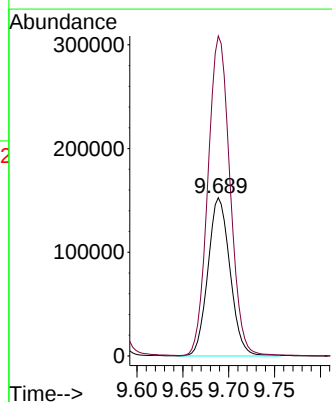
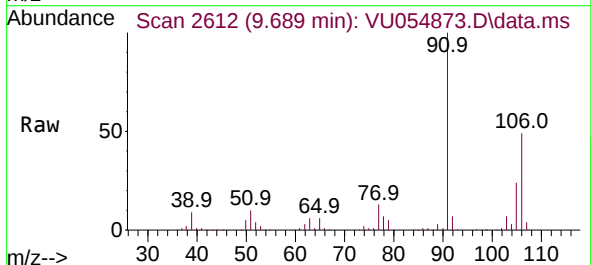
Instrument :
MSVOA_U
ClientSampleId :

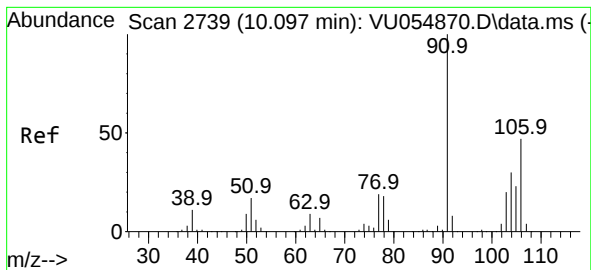
Tgt Ion: 91 Resp: 339469
Ion Ratio Lower Upper
91 100
106 30.8 24.2 36.2



#64
m/p-Xylenes
Concen: 21.619 ug/l
RT: 9.689 min Scan# 2612
Delta R.T. -0.003 min
Lab File: VU054873.D
Acq: 25 Jul 2023 19:30

Tgt Ion: 106 Resp: 255474
Ion Ratio Lower Upper
106 100
91 202.9 158.8 238.2





#65

o-Xylene

Concen: 10.449 ug/l

RT: 10.097 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU054873.D

Acq: 25 Jul 2023 19:30

Instrument :

MSVOA_U

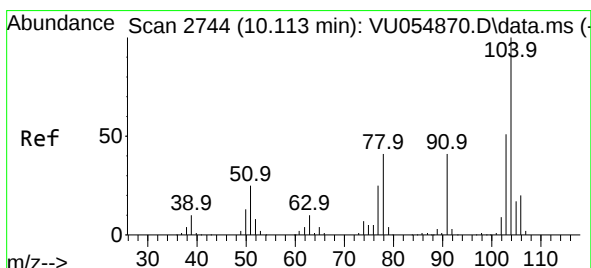
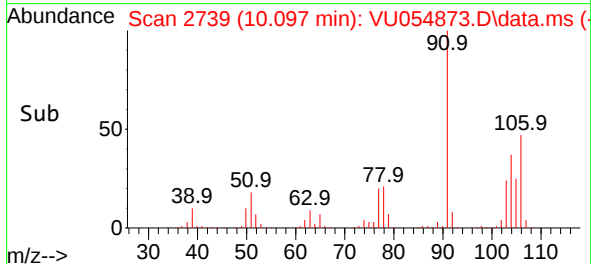
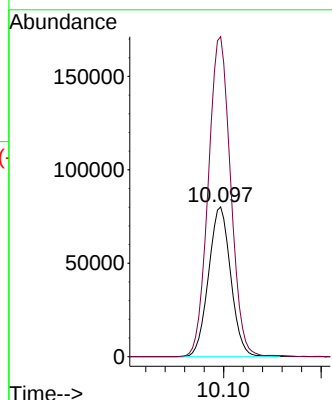
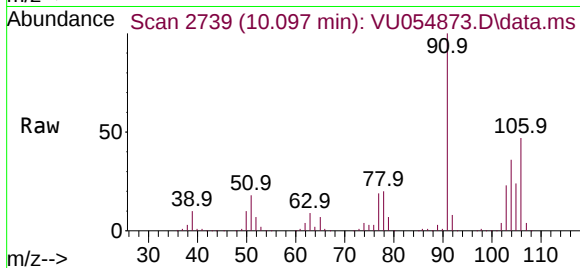
ClientSampleId :

Tgt Ion:106 Resp: 126827

Ion Ratio Lower Upper

106 100

91 215.3 108.9 326.8



#66

Styrene

Concen: 10.939 ug/l

RT: 10.110 min Scan# 2743

Delta R.T. -0.003 min

Lab File: VU054873.D

Acq: 25 Jul 2023 19:30

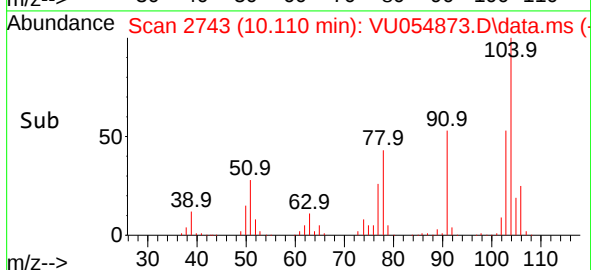
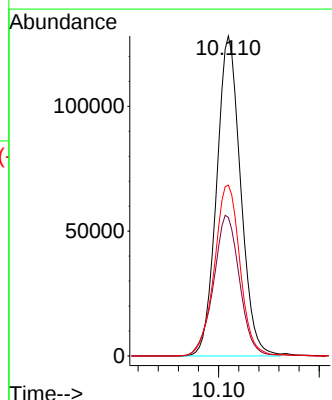
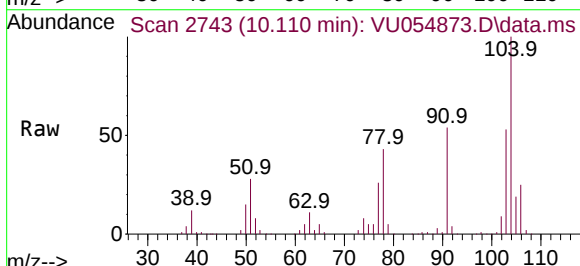
Tgt Ion:104 Resp: 212286

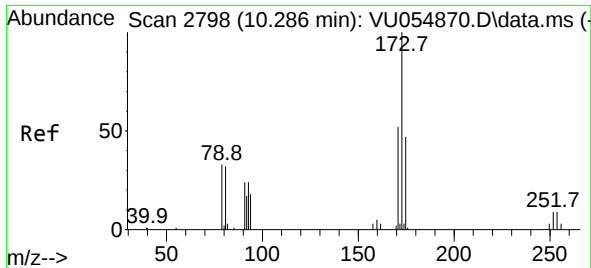
Ion Ratio Lower Upper

104 100

78 47.8 37.5 56.3

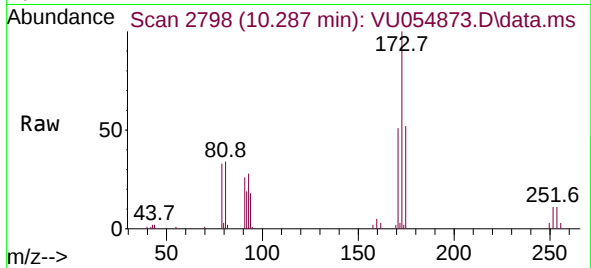
103 57.4 45.2 67.8



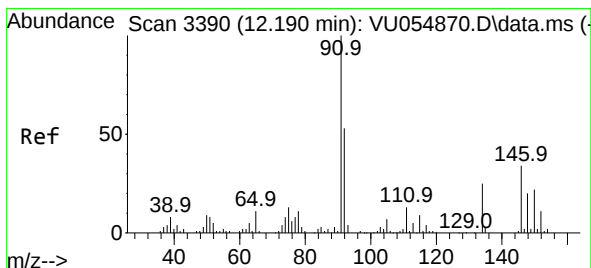
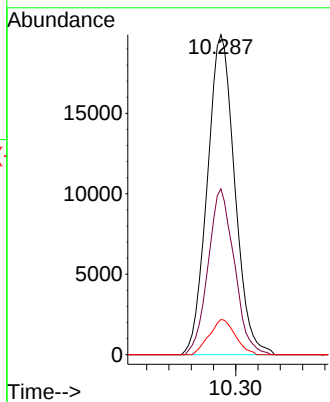
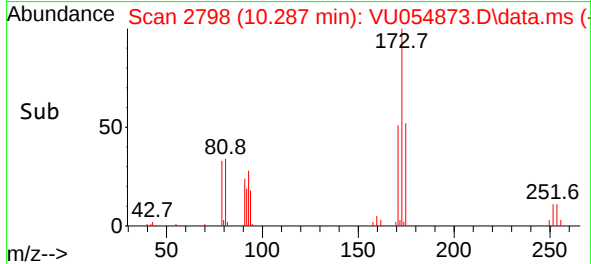


#67
Bromoform
Concen: 11.154 ug/l
RT: 10.287 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU054873.D
Acq: 25 Jul 2023 19:30

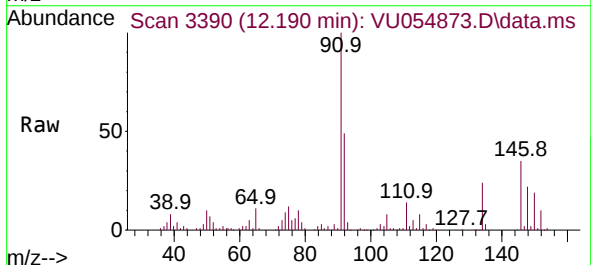
Instrument :
MSVOA_U
ClientSampleId :



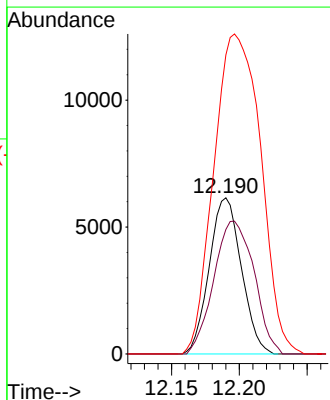
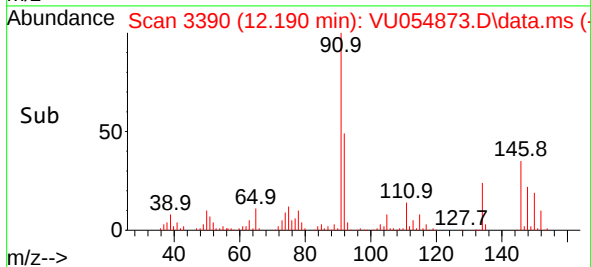
Tgt Ion:173 Resp: 33966
Ion Ratio Lower Upper
173 100
175 49.5 39.0 58.6
254 10.4 7.4 11.0

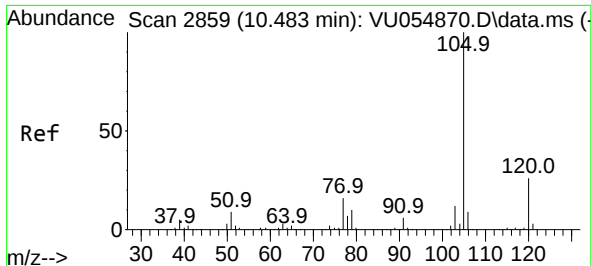


#68
1,2-Dichlorobenzene-d4
Concen: 1.096 ug/l
RT: 12.190 min Scan# 3390
Delta R.T. 0.000 min
Lab File: VU054873.D
Acq: 25 Jul 2023 19:30



Tgt Ion:152 Resp: 10155
Ion Ratio Lower Upper
152 100
115 106.2 0.0 234.8
150 298.6 0.0 598.2

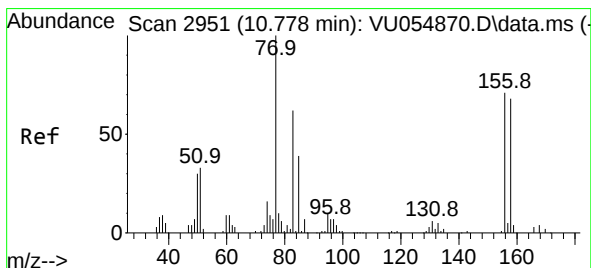
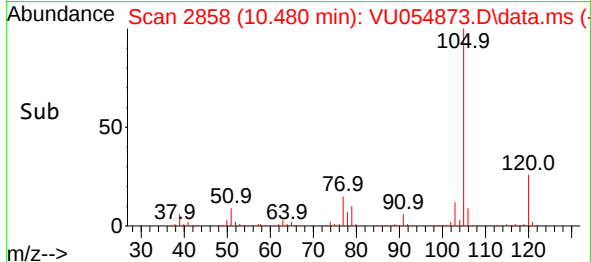
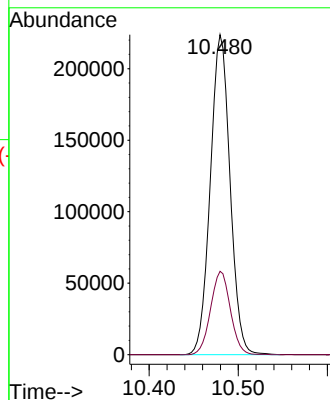
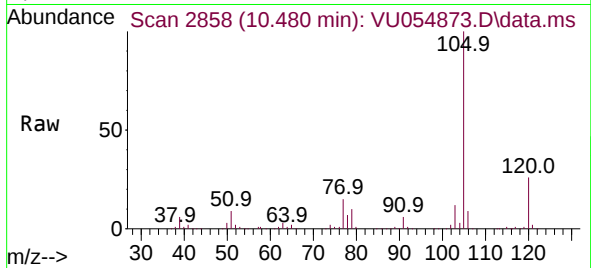




#69
Isopropylbenzene
Concen: 10.566 ug/l
RT: 10.480 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU054873.D
Acq: 25 Jul 2023 19:30

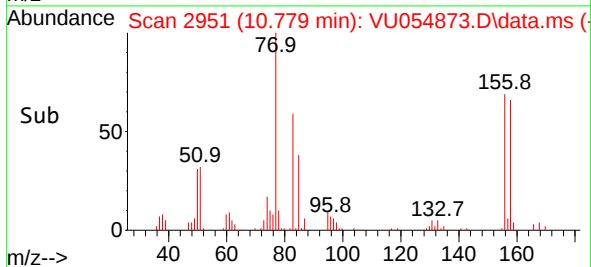
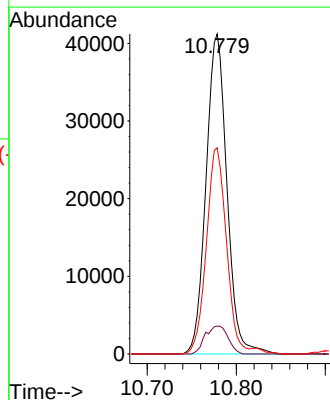
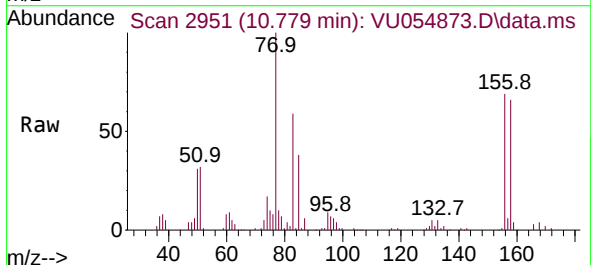
Instrument :
MSVOA_U
ClientSampleId :

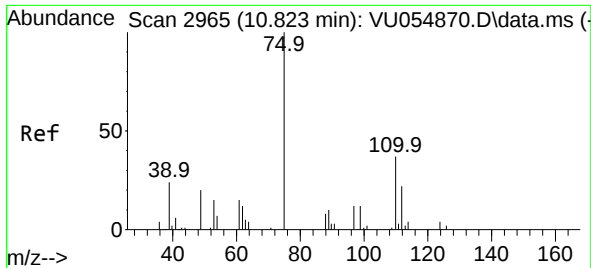
Tgt Ion:105 Resp: 344284
Ion Ratio Lower Upper
105 100
120 26.1 12.6 37.6



#70
1,1,2,2-Tetrachloroethane
Concen: 10.552 ug/l
RT: 10.779 min Scan# 2951
Delta R.T. 0.000 min
Lab File: VU054873.D
Acq: 25 Jul 2023 19:30

Tgt Ion: 83 Resp: 66944
Ion Ratio Lower Upper
83 100
131 9.5 7.5 11.3
85 61.6 53.0 79.6

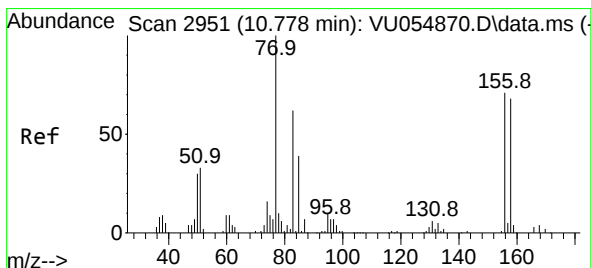
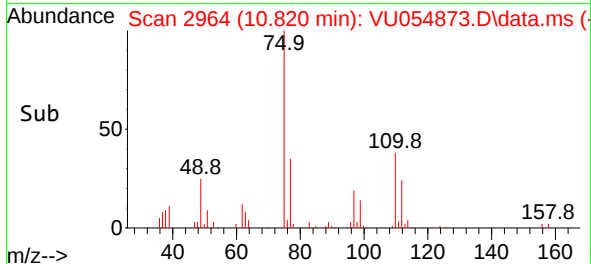
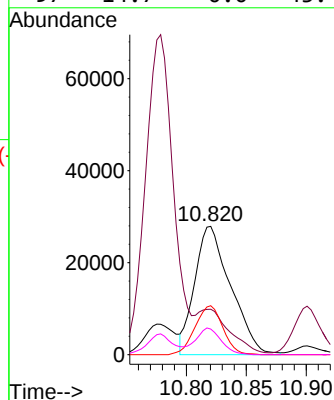
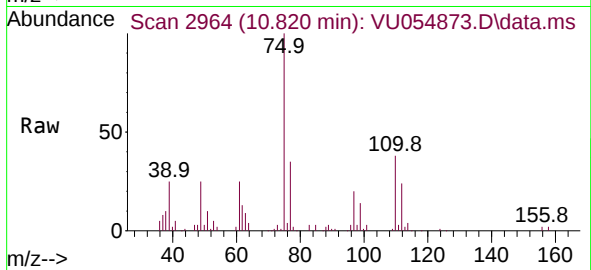




#71
1,2,3-Trichloropropane
Concen: 12.909 ug/l
RT: 10.820 min Scan# 2964
Delta R.T. -0.003 min
Lab File: VU054873.D
Acq: 25 Jul 2023 19:30

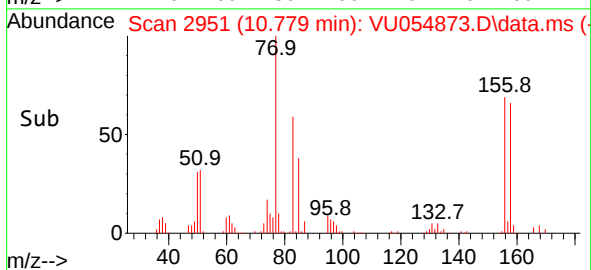
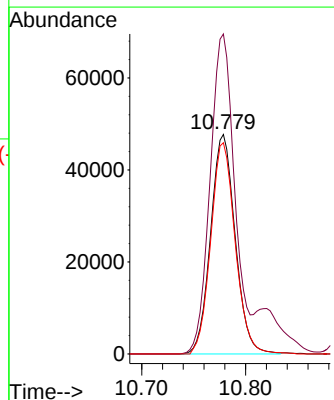
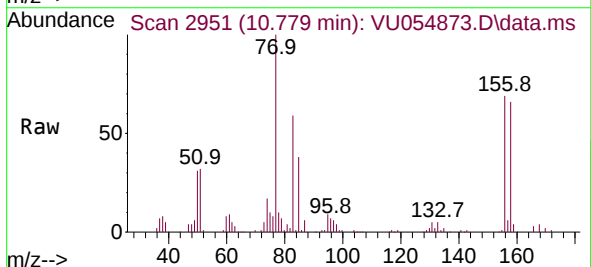
Instrument :
MSVOA_U
ClientSampleId :

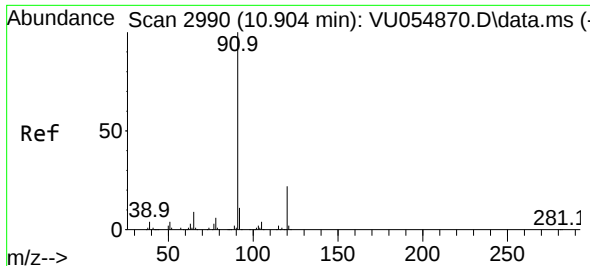
Tgt Ion:	75	Resp:	58331
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0
110	29.6	0.0	80.8
97	14.7	0.0	43.4



#72
Bromobenzene
Concen: 10.806 ug/l
RT: 10.779 min Scan# 2951
Delta R.T. 0.000 min
Lab File: VU054873.D
Acq: 25 Jul 2023 19:30

Tgt Ion:	156	Resp:	78398
Ion	Ratio	Lower	Upper
156	100		
77	146.4	0.0	293.2
158	95.8	0.0	189.8

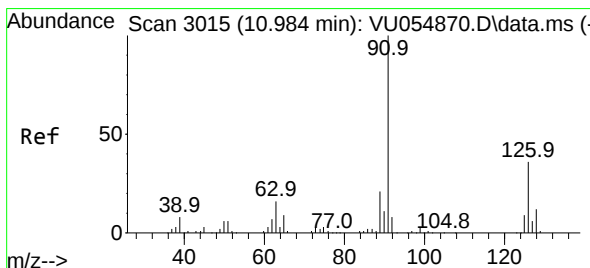
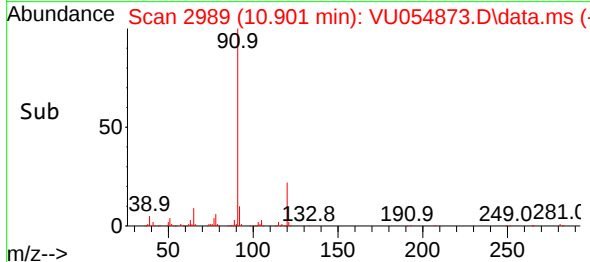
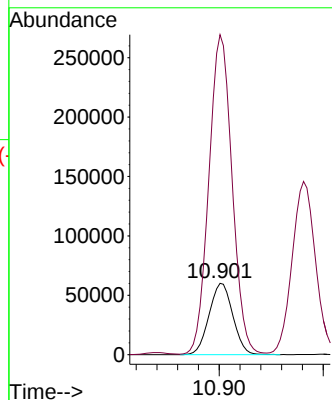
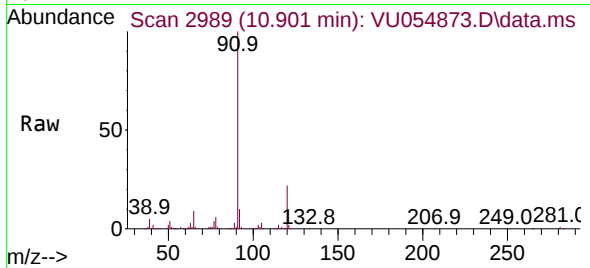




#73
n-propylbenzene
Concen: 10.891 ug/l
RT: 10.901 min Scan# 2990
Delta R.T. -0.003 min
Lab File: VU054873.D
Acq: 25 Jul 2023 19:30

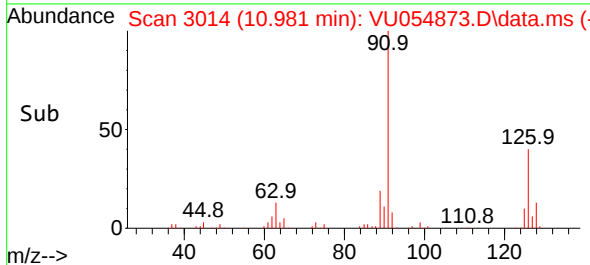
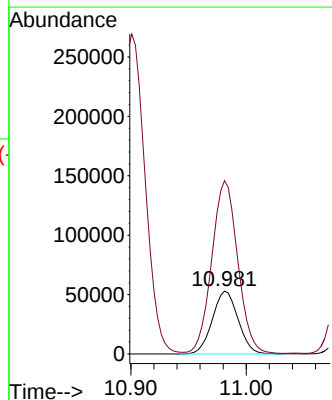
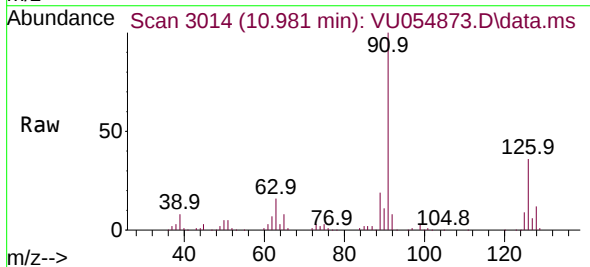
Instrument :
MSVOA_U
ClientSampleId :

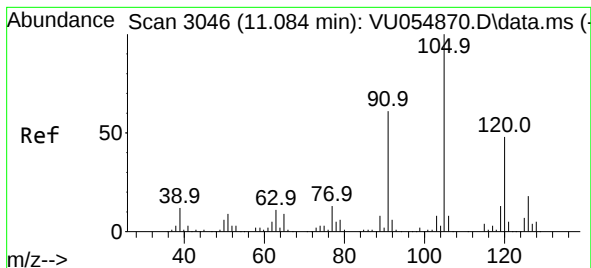
Tgt Ion:120 Resp: 94981
Ion Ratio Lower Upper
120 100
91 438.8 361.8 542.6



#74
2-Chlorotoluene
Concen: 10.840 ug/l
RT: 10.981 min Scan# 3014
Delta R.T. -0.003 min
Lab File: VU054873.D
Acq: 25 Jul 2023 19:30

Tgt Ion:126 Resp: 81836
Ion Ratio Lower Upper
126 100
91 276.6 0.0 561.4





#75

1,3,5-Trimethylbenzene

Concen: 10.937 ug/l

RT: 11.084 min Scan# 3046

Delta R.T. 0.000 min

Lab File: VU054873.D

Acq: 25 Jul 2023 19:30

Instrument :

MSVOA_U

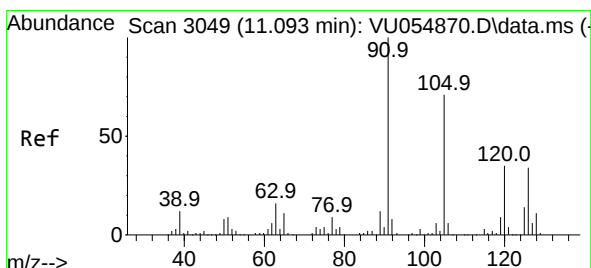
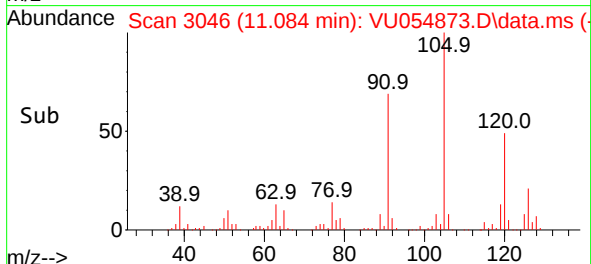
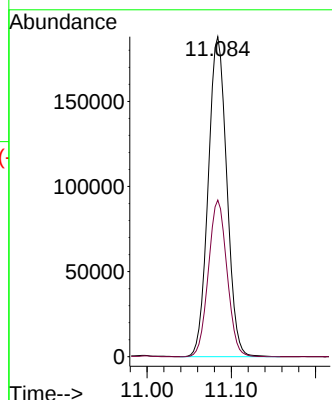
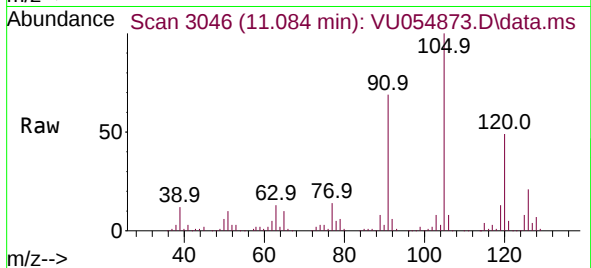
ClientSampleId :

Tgt Ion:105 Resp: 288601

Ion Ratio Lower Upper

105 100

120 48.9 39.0 58.4



#76

4-Chlorotoluene

Concen: 11.007 ug/l

RT: 11.094 min Scan# 3049

Delta R.T. 0.000 min

Lab File: VU054873.D

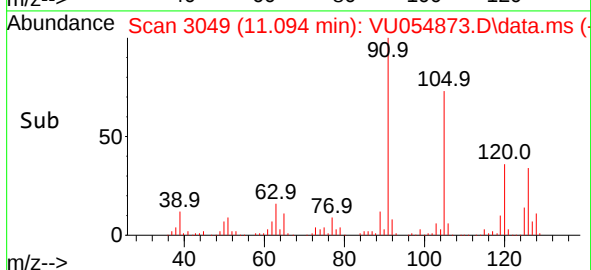
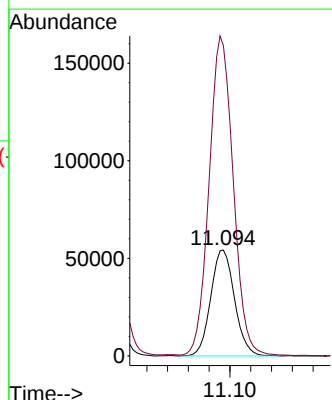
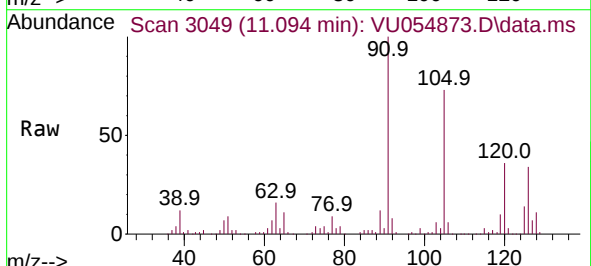
Acq: 25 Jul 2023 19:30

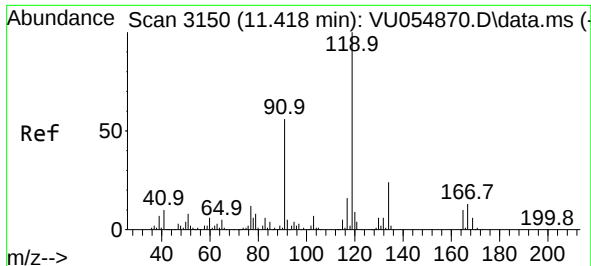
Tgt Ion:126 Resp: 86328

Ion Ratio Lower Upper

126 100

91 305.5 0.0 623.4

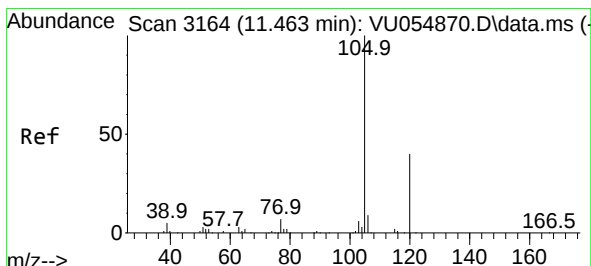
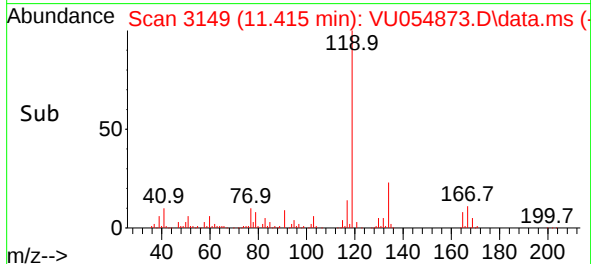
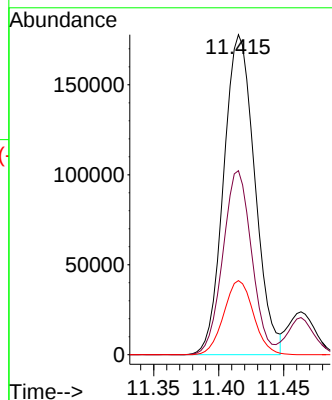
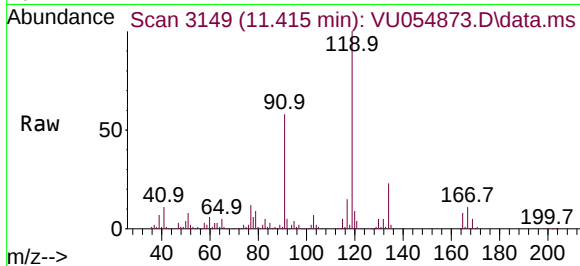




#77
tert-Butylbenzene
Concen: 10.811 ug/l
RT: 11.415 min Scan# 3149
Delta R.T. -0.003 min
Lab File: VU054873.D
Acq: 25 Jul 2023 19:30

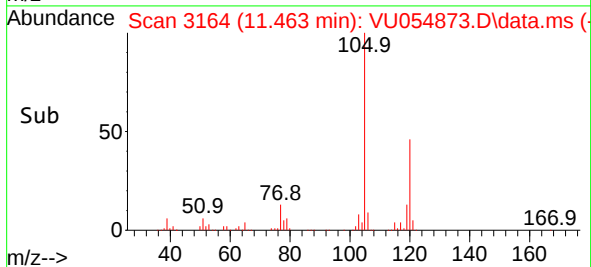
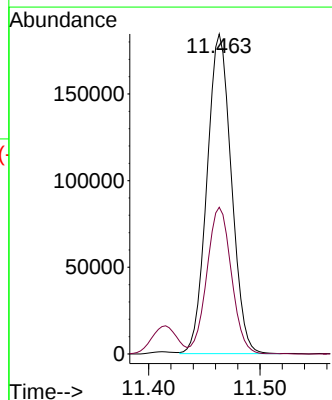
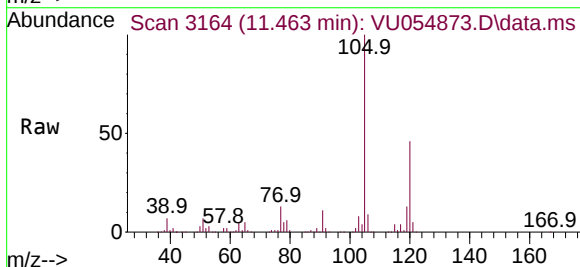
Instrument :
MSVOA_U
ClientSampleId :

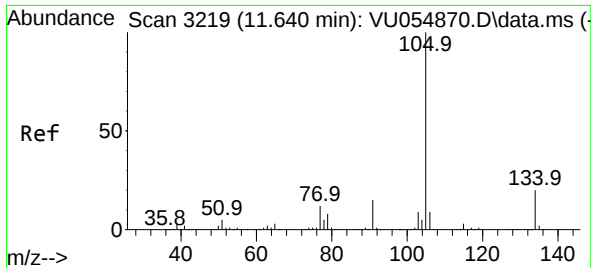
Tgt Ion:119 Resp: 296679
Ion Ratio Lower Upper
119 100
91 53.4 27.7 83.1
134 22.1 18.6 27.8



#78
1,2,4-Trimethylbenzene
Concen: 10.389 ug/l
RT: 11.463 min Scan# 3164
Delta R.T. 0.000 min
Lab File: VU054873.D
Acq: 25 Jul 2023 19:30

Tgt Ion:105 Resp: 280654
Ion Ratio Lower Upper
105 100
120 46.1 22.4 67.3

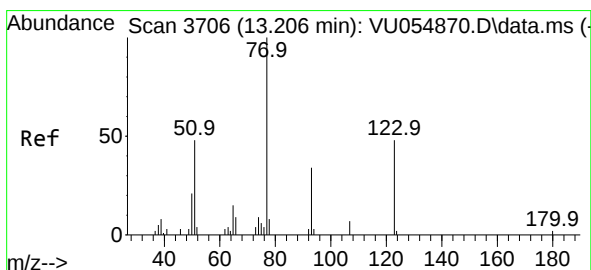
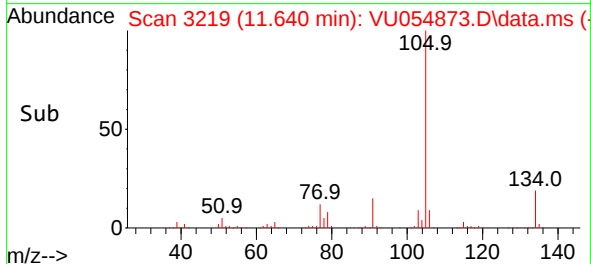
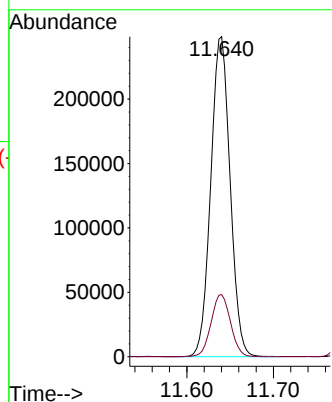
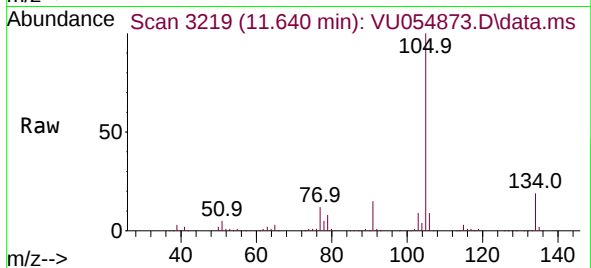




#79
 sec-Butylbenzene
 Concen: 10.787 ug/l
 RT: 11.640 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VU054873.D
 Acq: 25 Jul 2023 19:30

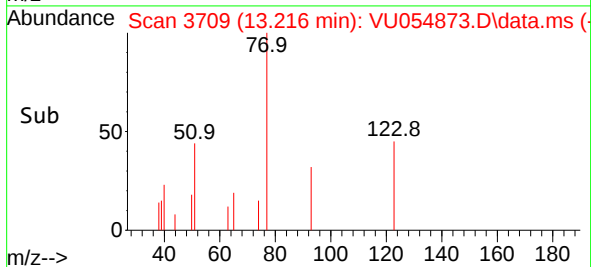
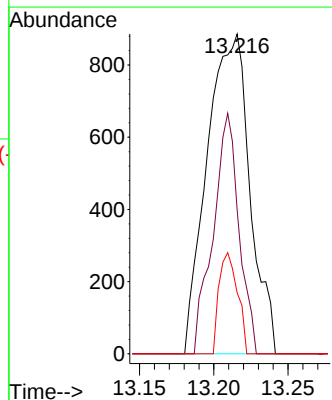
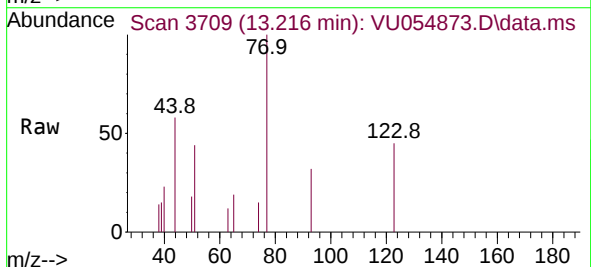
Instrument :
 MSVOA_U
 ClientSampleId :

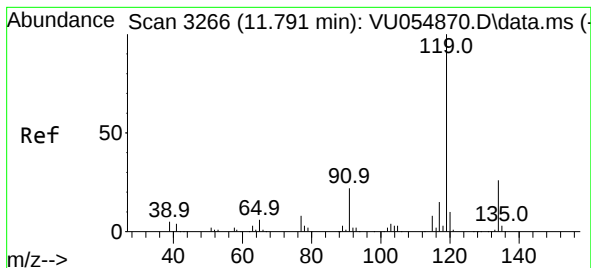
Tgt Ion:105 Resp: 384829
 Ion Ratio Lower Upper
 105 100
 134 19.5 15.7 23.5



#80
 Nitrobenzene
 Concen: 10.649 ug/l
 RT: 13.216 min Scan# 3709
 Delta R.T. 0.010 min
 Lab File: VU054873.D
 Acq: 25 Jul 2023 19:30

Tgt Ion: 77 Resp: 1775
 Ion Ratio Lower Upper
 77 100
 123 45.4 20.2 71.8
 65 0.0 11.7 14.9#





#81

p-Isopropyltoluene

Concen: 11.014 ug/l

RT: 11.788 min Scan# 31

Delta R.T. -0.003 min

Lab File: VU054873.D

Acq: 25 Jul 2023 19:30

Instrument :

MSVOA_U

ClientSampleId :

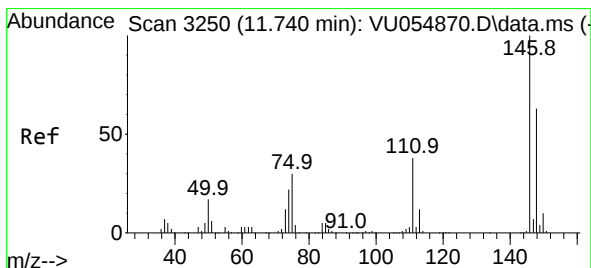
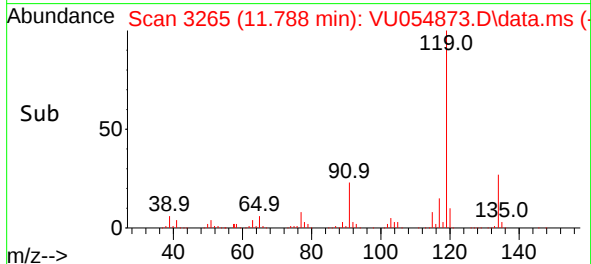
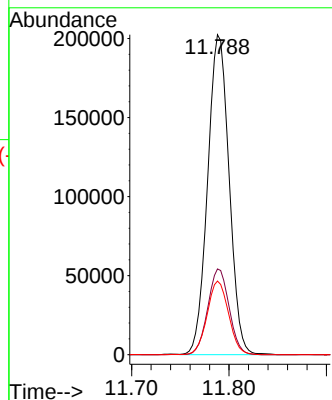
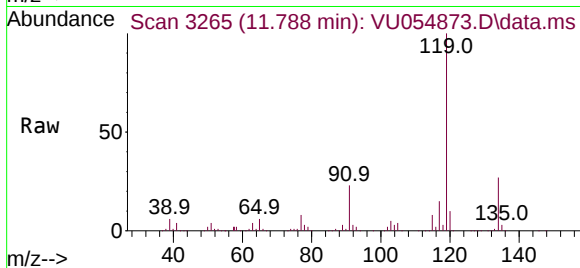
Tgt Ion:119 Resp: 310114

Ion Ratio Lower Upper

119 100

134 26.6 20.6 31.0

91 22.9 18.2 27.4



#82

1,3-Dichlorobenzene

Concen: 10.302 ug/l

RT: 11.740 min Scan# 3250

Delta R.T. 0.000 min

Lab File: VU054873.D

Acq: 25 Jul 2023 19:30

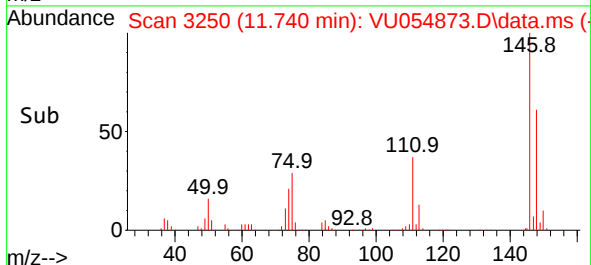
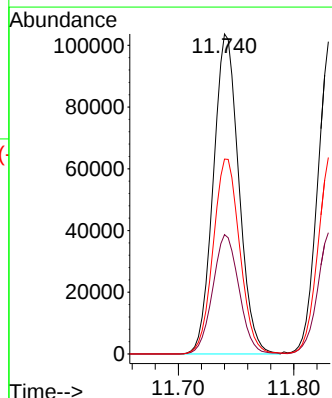
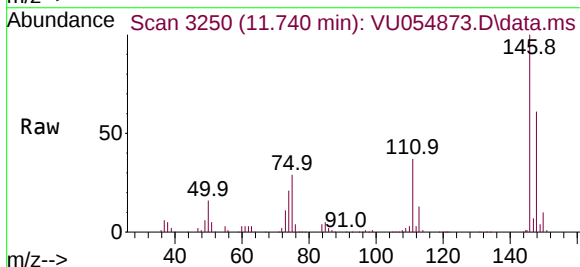
Tgt Ion:146 Resp: 159125

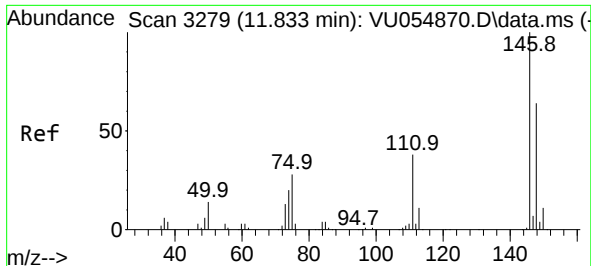
Ion Ratio Lower Upper

146 100

111 38.4 30.5 45.7

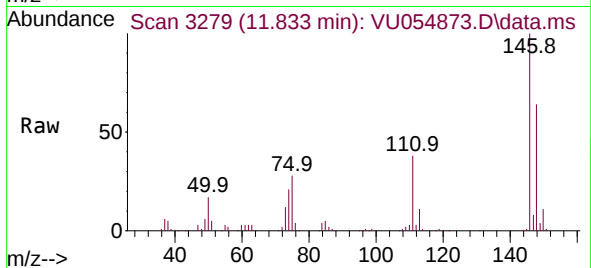
148 63.5 51.0 76.6



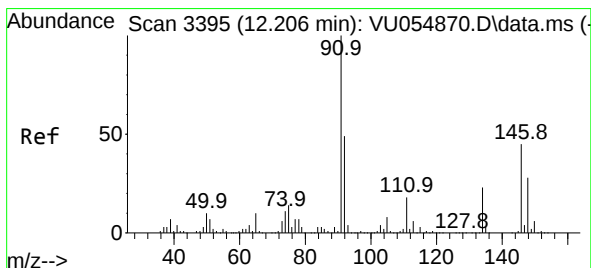
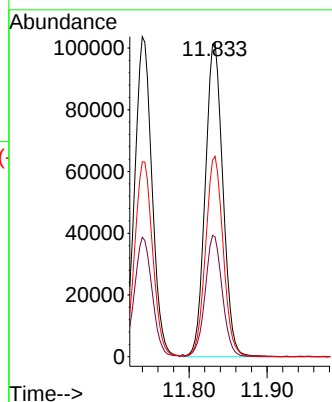
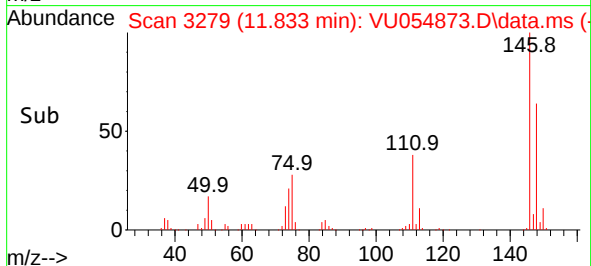


#83
1,4-Dichlorobenzene
Concen: 10.416 ug/l
RT: 11.833 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU054873.D
Acq: 25 Jul 2023 19:30

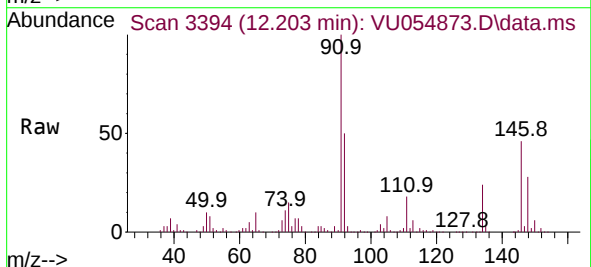
Instrument :
MSVOA_U
ClientSampleId :



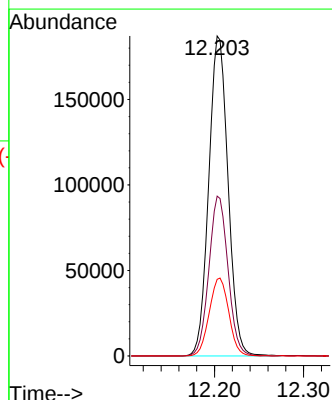
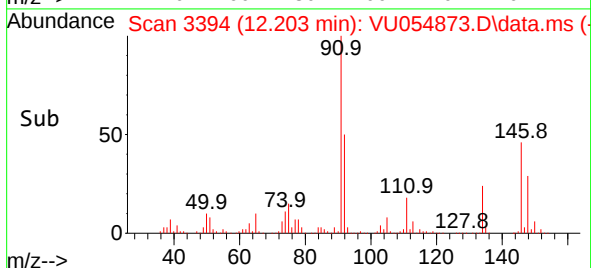
Tgt Ion:146 Resp: 160375
Ion Ratio Lower Upper
146 100
111 37.4 29.5 44.3
148 63.0 51.2 76.8

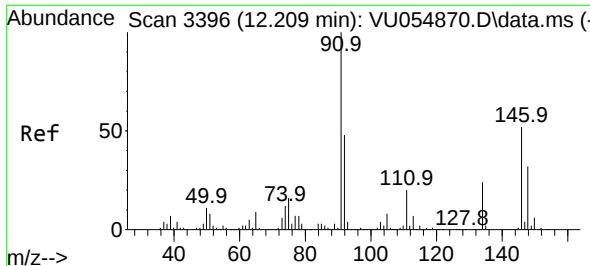


#84
n-Butylbenzene
Concen: 11.095 ug/l
RT: 12.203 min Scan# 3394
Delta R.T. -0.003 min
Lab File: VU054873.D
Acq: 25 Jul 2023 19:30



Tgt Ion: 91 Resp: 280591
Ion Ratio Lower Upper
91 100
92 49.6 39.8 59.8
134 24.7 20.2 30.4

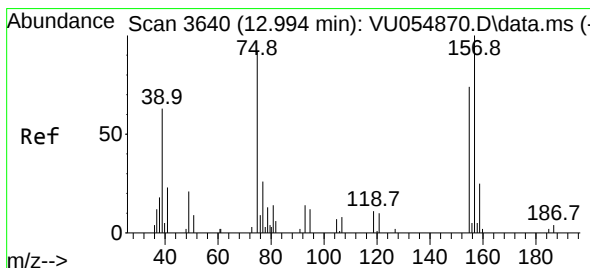
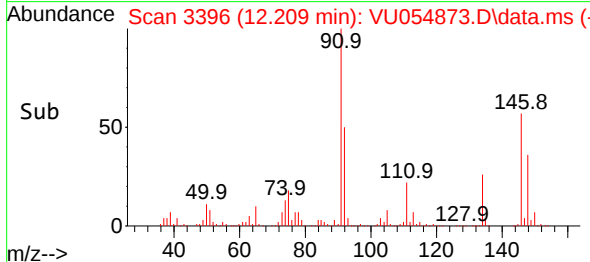
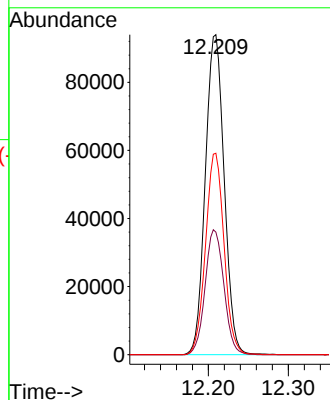
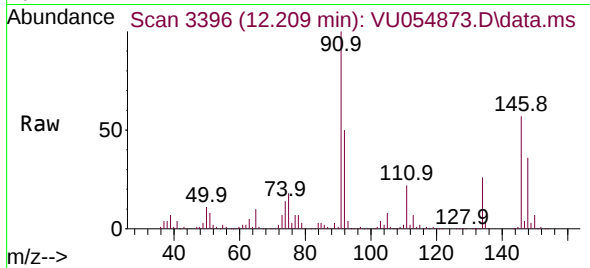




#85
 1,2-Dichlorobenzene
 Concen: 10.425 ug/l
 RT: 12.209 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VU054873.D
 Acq: 25 Jul 2023 19:30

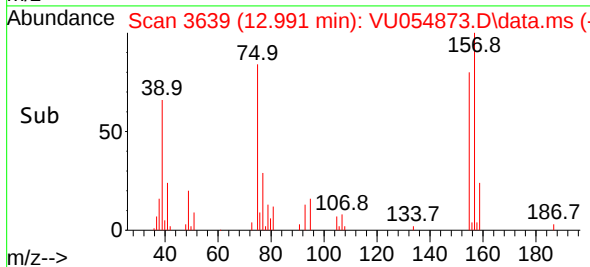
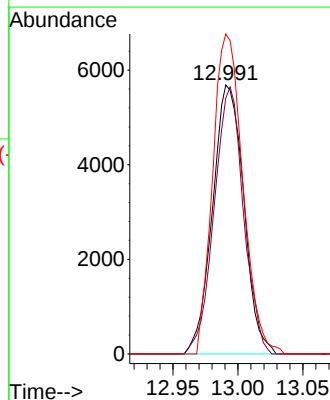
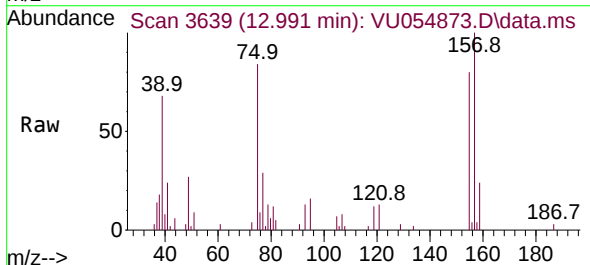
Instrument :
 MSVOA_U
 ClientSampleId :

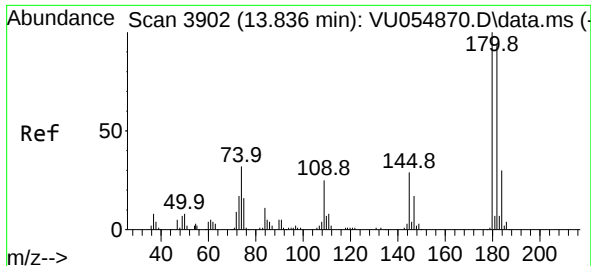
Tgt Ion:146 Resp: 154357
 Ion Ratio Lower Upper
 146 100
 111 38.9 19.8 59.4
 148 61.8 31.8 95.3



#86
 1,2-Dibromo-3-Chloropropane
 Concen: 11.239 ug/l
 RT: 12.991 min Scan# 3639
 Delta R.T. -0.003 min
 Lab File: VU054873.D
 Acq: 25 Jul 2023 19:30

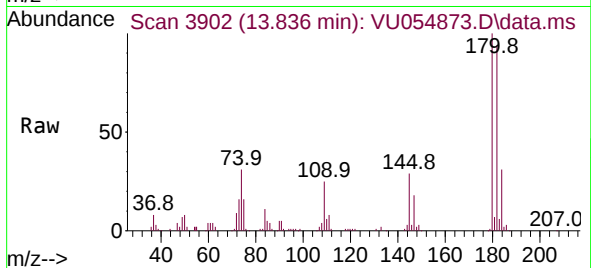
Tgt Ion: 75 Resp: 9479
 Ion Ratio Lower Upper
 75 100
 155 93.4 74.8 112.2
 157 114.8 97.4 146.0



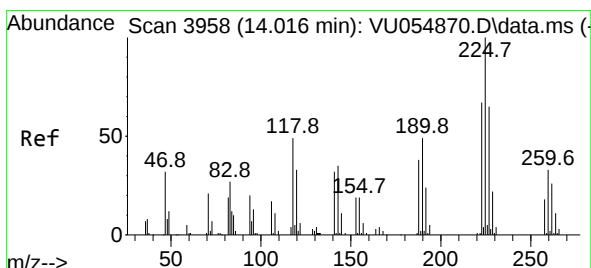
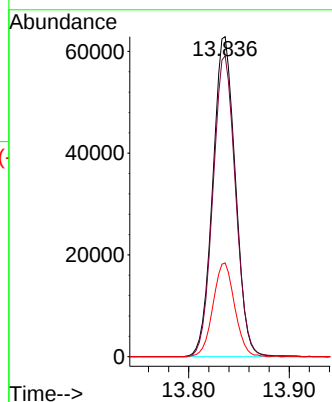
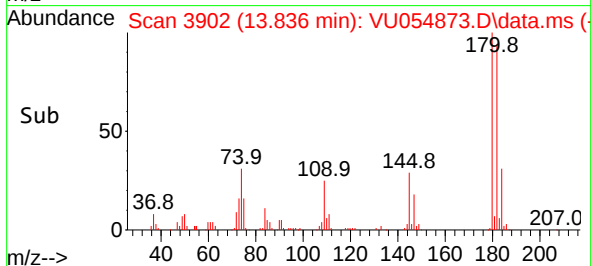


#87
 1,2,4-Trichlorobenzene
 Concen: 10.386 ug/l
 RT: 13.836 min Scan# 3902
 Delta R.T. 0.000 min
 Lab File: VU054873.D
 Acq: 25 Jul 2023 19:30

Instrument :
 MSVOA_U
 ClientSampleId :

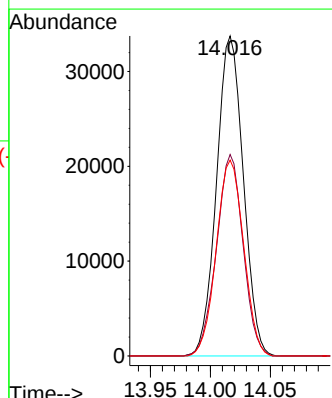
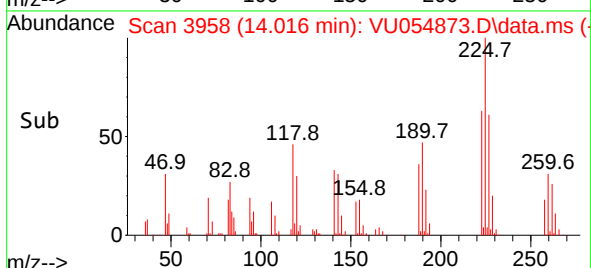
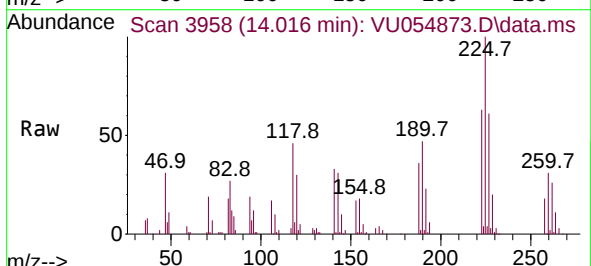


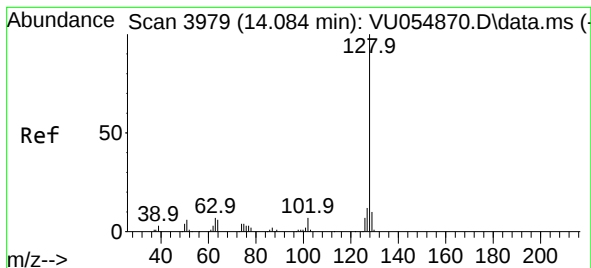
Tgt Ion:180 Resp: 98076
 Ion Ratio Lower Upper
 180 100
 182 94.1 77.0 115.6
 145 28.1 23.4 35.0



#88
 Hexachlorobutadiene
 Concen: 10.400 ug/l
 RT: 14.016 min Scan# 3958
 Delta R.T. 0.000 min
 Lab File: VU054873.D
 Acq: 25 Jul 2023 19:30

Tgt Ion:225 Resp: 52377
 Ion Ratio Lower Upper
 225 100
 223 62.5 50.6 76.0
 227 62.4 50.7 76.1





#89

Naphthalene

Concen: 10.255 ug/l

RT: 14.081 min Scan# 3979

Delta R.T. -0.003 min

Lab File: VU054873.D

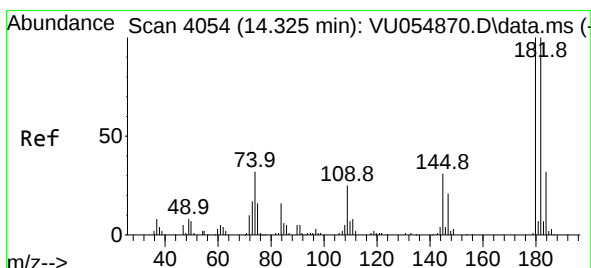
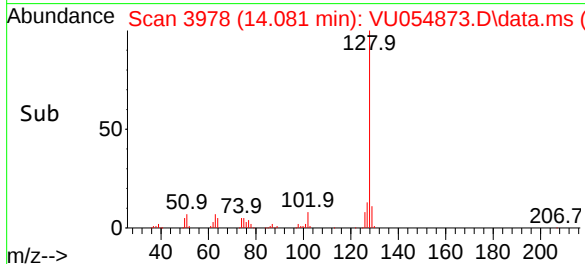
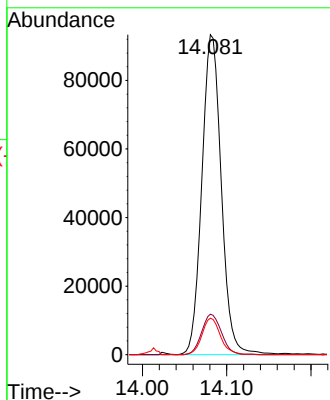
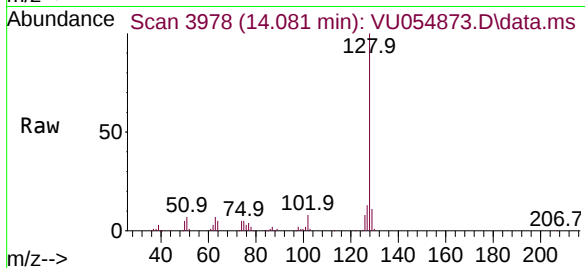
Acq: 25 Jul 2023 19:30

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	128	Resp:	149962
Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.6	15.8
129	10.8	8.7	13.1



#90

1,2,3-Trichlorobenzene

Concen: 10.278 ug/l

RT: 14.325 min Scan# 4054

Delta R.T. 0.000 min

Lab File: VU054873.D

Acq: 25 Jul 2023 19:30

Tgt Ion:	180	Resp:	86114
Ion	Ratio	Lower	Upper
180	100		
182	96.0	76.0	114.0
145	31.1	24.3	36.5

