

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072623\
 Data File : VU054883.D
 Acq On : 26 Jul 2023 18:08
 Operator : MD/SY
 Sample : RL-CHECK
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 RL-CHECK

Quant Time: Jul 28 03:23:36 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	25152	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.634	95	8330	1.092	ug/l	0.00
Spiked Amount 1.000			Recovery	=	109.000%	
68) 1,2-Dichlorobenzene-d4	12.193	152	8533	0.990	ug/l	0.00
Spiked Amount 1.000			Recovery	=	99.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	2098	0.438	ug/l	99
3) Chloromethane	1.518	50	2969	0.552	ug/l	95
4) Vinyl Chloride	1.602	62	3390	0.472	ug/l	99
5) Bromomethane	1.856	94	3157	0.554	ug/l	94
6) Chloroethane	1.933	64	3155	0.425	ug/l	98
7) Trichlorofluoromethane	2.136	101	7382	0.437	ug/l	97
8) 1,1,2-Trichloro-1,2,2-...	2.570	101	2575	0.471	ug/l	95
9) 1,1-Dichloroethene	2.573	96	2244	0.517	ug/l	91
10) Iodomethane	2.718	142	2602	0.384	ug/l	98
11) Allyl Chloride	2.923	41	2454	0.473	ug/l	86
12) Acrylonitrile	3.338	53	297	0.273	ug/l #	1
13) Acetone	2.644	43	1711	1.502	ug/l #	67
14) Carbon Disulfide	2.792	76	3841	0.511	ug/l #	93
15) Methylene Chloride	3.042	84	4388	0.744	ug/l	95
16) trans-1,2-Dichloroethene	3.351	96	2237	0.473	ug/l	82
17) 1,1-Dichloroethane	3.865	63	5101	0.482	ug/l #	87
18) 2-Butanone	4.743	43	1701	1.184	ug/l	72
19) Cyclohexane	5.386	56	3296	0.554	ug/l	98
20) Methylcyclohexane	6.756	83	3790	0.476	ug/l	96
21) 2,2-Dichloropropane	4.650	77	2133	0.218	ug/l #	51
22) cis-1,2-Dichloroethene	4.672	96	3346	0.533	ug/l	92
23) Diethyl Ether	2.377	59	3056	0.477	ug/l	96
24) tert-Butyl Alcohol	3.232	59	151	0.253	ug/l #	92
25) Methyl tert-Butyl Ether	3.364	73	7578	0.564	ug/l	96
26) Bromochloromethane	4.975	128	1156	0.449	ug/l	79
27) Chloroform	5.084	83	5629	0.496	ug/l	99
28) 1,1,1-Trichloroethane	5.319	97	4794	0.489	ug/l	80
29) 1,1-Dichloropropene	5.528	75	3245	0.449	ug/l	98
30) Carbon Tetrachloride	5.525	117	3654	0.446	ug/l	85
31) Isopropyl Ether	3.997	45	7492	0.480	ug/l	94
32) Ethyl-t-butyl ether	4.489	59	7678	0.478	ug/l	97
33) Tert-Amyl methyl ether	5.939	73	7470	0.492	ug/l #	84
34) Propionitrile	4.824	54	623	1.573	ug/l #	73
35) Benzene	5.769	78	10699	0.472	ug/l	95
36) 1,2-Dichloroethane	5.791	62	3571	0.554	ug/l #	73
37) Trichloroethene	6.541	130	2880	0.473	ug/l	89
38) 1,2-Dichloropropane	6.788	63	2779	0.434	ug/l	100
40) Methyl acrylate	4.881	55	507	0.201	ug/l #	70
41) Tetrahydrofuran	5.062	42	332	0.366	ug/l #	27
42) 1-Chlorobutane	5.457	56	4122	0.435	ug/l	97
43) Dibromomethane	6.917	93	1503	0.500	ug/l #	84
44) Bromodichloromethane	7.103	83	3976	0.474	ug/l #	91
45) 4-Methyl-2-Pentanone	7.791	43	9398	2.678	ug/l	95

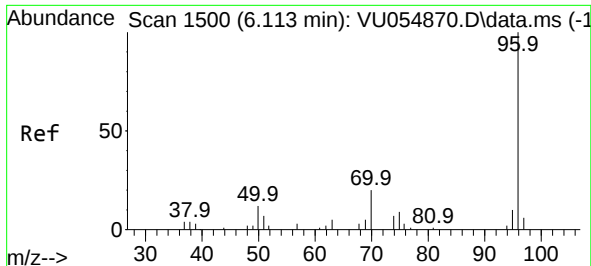
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072623\
 Data File : VU054883.D
 Acq On : 26 Jul 2023 18:08
 Operator : MD/SY
 Sample : RL-CHECK
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 RL-CHECK

Quant Time: Jul 28 03:23:36 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)
46) t-1,4-Dichloro-2-butene	10.823	75	3096	2.192	ug/l #	38
47) Methyl methacrylate	6.965	69	2339	0.851	ug/l	97
48) Ethyl methacrylate	8.335	69	2550	0.458	ug/l	99
49) Toluene	7.968	92	6942	0.481	ug/l	96
50) t-1,3-Dichloropropene	8.216	75	3148	0.423	ug/l	91
51) cis-1,3-Dichloropropene	7.608	75	3660	0.400	ug/l #	86
52) 1,1,2-Trichloroethane	8.399	97	2444	0.513	ug/l #	77
53) 1,3-Dichloropropane	8.573	76	4131	0.536	ug/l	97
54) 2-Hexanone	8.692	43	5506	2.208	ug/l	92
55) Dibromochloromethane	8.811	129	2533	0.464	ug/l #	81
56) 1,2-Dibromoethane	8.926	107	1946	0.482	ug/l	99
58) Tetrachloroethene	8.550	164	2778	0.522	ug/l	88
59) Chlorobenzene	9.447	112	8952	0.511	ug/l	92
60) 1,1,1,2-Tetrachloroethane	9.531	131	2875	0.465	ug/l	93
61) Pentachloroethane	11.431	117	1921	0.398	ug/l	97
62) Hexachloroethane	12.470	117	1681	0.338	ug/l	87
63) Ethyl Benzene	9.569	91	13836	0.471	ug/l	98
64) m/p-Xylenes	9.692	106	10053	0.914	ug/l	98
65) o-Xylene	10.097	106	5308	0.470	ug/l	97
66) Styrene	10.116	104	7870	0.436	ug/l	92
67) Bromoform	10.286	173	1283	0.453	ug/l #	93
69) Isopropylbenzene	10.483	105	14564	0.480	ug/l	98
70) 1,1,2,2-Tetrachloroethane	10.778	83	2840	0.481	ug/l #	96
71) 1,2,3-Trichloropropane	10.823	75	3096	0.736	ug/l #	84
72) Bromobenzene	10.785	156	3165	0.469	ug/l	97
73) n-propylbenzene	10.904	120	5353	0.660	ug/l	98
74) 2-Chlorotoluene	10.981	126	3136	0.446	ug/l	96
75) 1,3,5-Trimethylbenzene	11.087	105	10666	0.434	ug/l	100
76) 4-Chlorotoluene	11.097	126	3291	0.451	ug/l	93
77) tert-Butylbenzene	11.415	119	10254	0.402	ug/l	97
78) 1,2,4-Trimethylbenzene	11.466	105	11110	0.442	ug/l	98
79) sec-Butylbenzene	11.640	105	13310	0.401	ug/l	97
80) Nitrobenzene	13.225	77	230	1.483	ug/l #	39
81) p-Isopropyltoluene	11.791	119	10070	0.384	ug/l	98
82) 1,3-Dichlorobenzene	11.746	146	7376	0.513	ug/l	94
83) 1,4-Dichlorobenzene	11.836	146	7044	0.492	ug/l	98
84) n-Butylbenzene	12.206	91	8718	0.371	ug/l #	93
85) 1,2-Dichlorobenzene	12.209	146	6445	0.468	ug/l	97
86) 1,2-Dibromo-3-Chloropr...	12.997	75	202	0.257	ug/l #	21
87) 1,2,4-Trichlorobenzene	13.839	180	3755	0.427	ug/l #	84
88) Hexachlorobutadiene	14.019	225	2154	0.460	ug/l #	86
89) Naphthalene	14.093	128	6031	0.443	ug/l #	82
90) 1,2,3-Trichlorobenzene	14.328	180	3319	0.426	ug/l	99

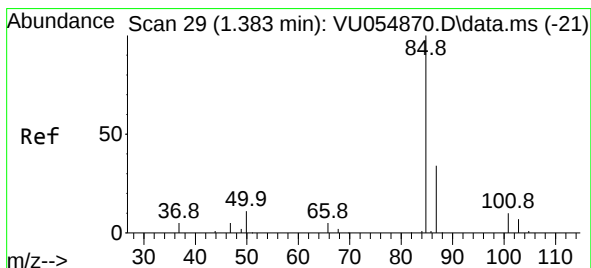
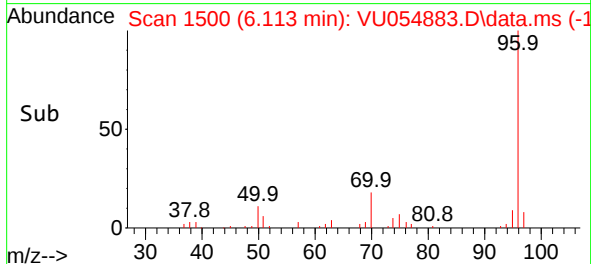
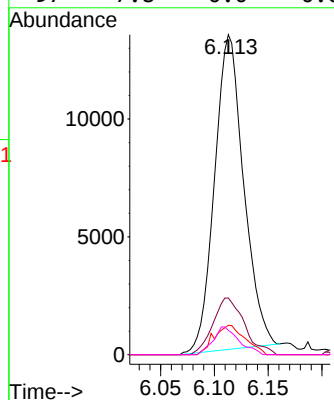
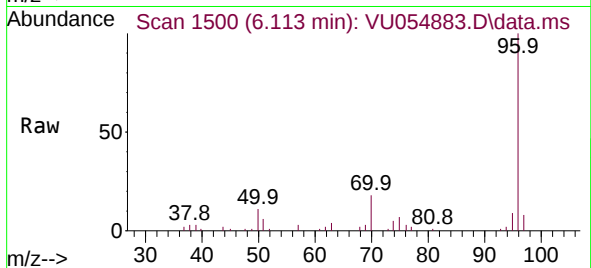
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.113 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU054883.D
Acq: 26 Jul 2023 18:08

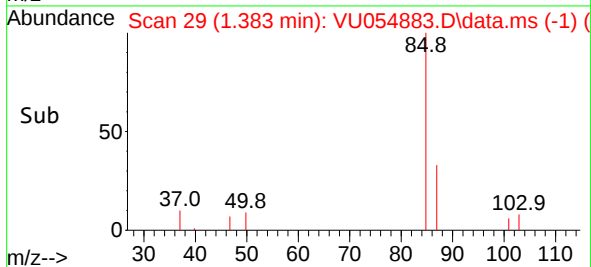
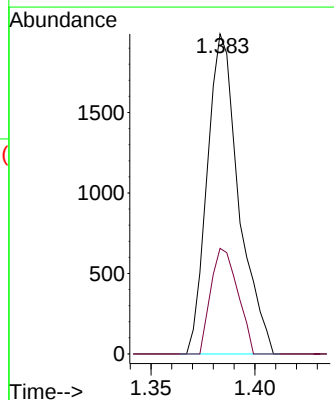
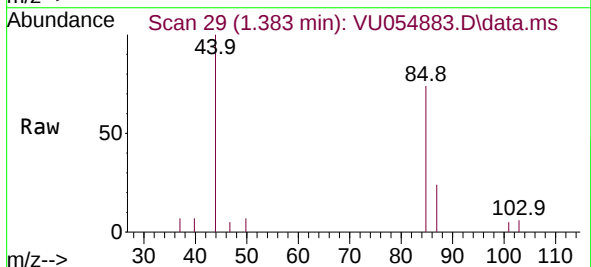
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK

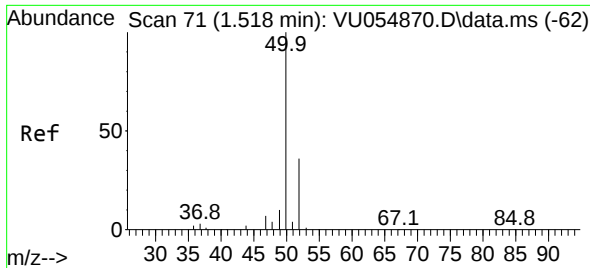
Tgt Ion:	96	Resp:	25152
Ion	Ratio	Lower	Upper
96	100		
70	19.5	14.0	21.0
95	10.0	8.7	13.1
97	7.8	0.0	0.0



#2
Dichlorodifluoromethane
Concen: 0.438 ug/l
RT: 1.383 min Scan# 29
Delta R.T. -0.000 min
Lab File: VU054883.D
Acq: 26 Jul 2023 18:08

Tgt Ion:	85	Resp:	2098
Ion	Ratio	Lower	Upper
85	100		
87	33.0	16.2	48.6

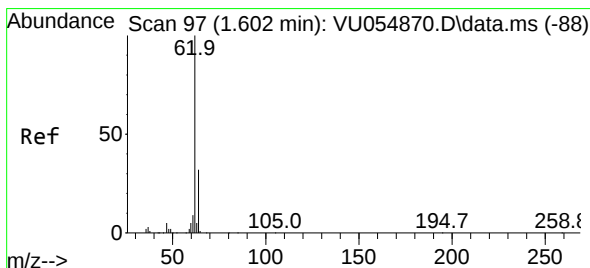
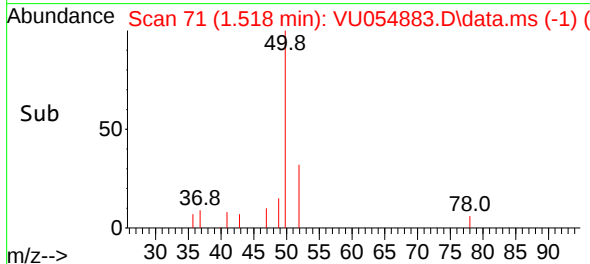
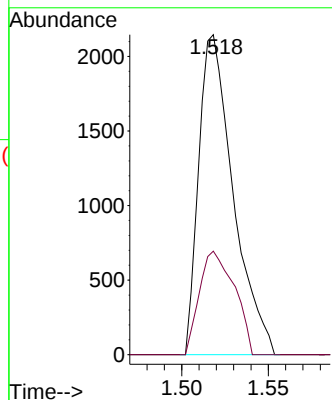
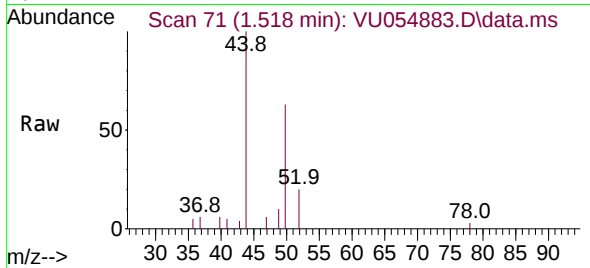




#3
Chloromethane
Concen: 0.552 ug/l
RT: 1.518 min Scan# 71
Delta R.T. -0.000 min
Lab File: VU054883.D
Acq: 26 Jul 2023 18:08

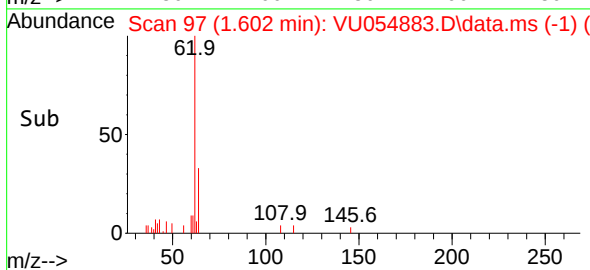
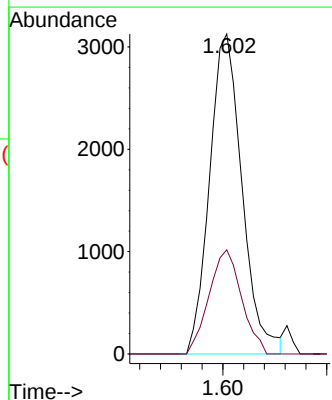
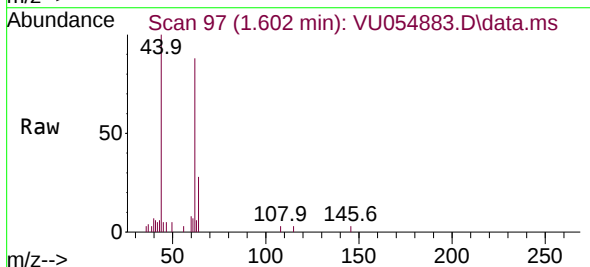
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK

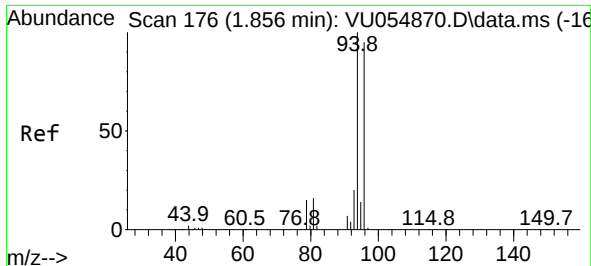
Tgt Ion: 50 Resp: 2969
Ion Ratio Lower Upper
50 100
52 32.3 28.2 42.2



#4
Vinyl Chloride
Concen: 0.472 ug/l
RT: 1.602 min Scan# 97
Delta R.T. -0.000 min
Lab File: VU054883.D
Acq: 26 Jul 2023 18:08

Tgt Ion: 62 Resp: 3390
Ion Ratio Lower Upper
62 100
64 32.5 26.4 39.6

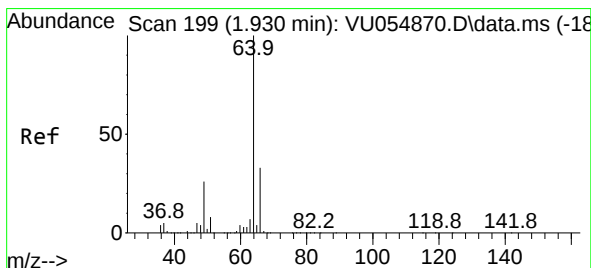
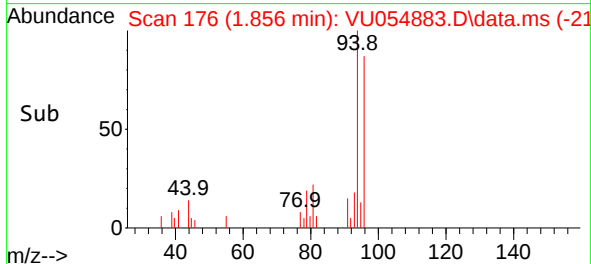
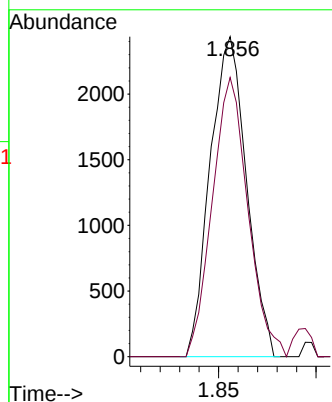
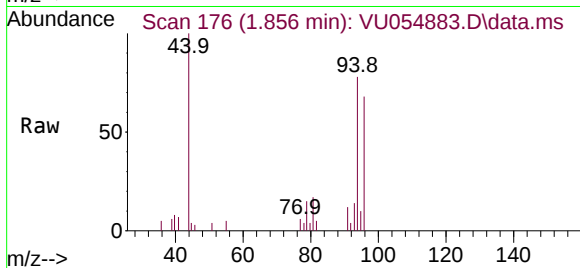




#5
Bromomethane
Concen: 0.554 ug/l
RT: 1.856 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU054883.D
Acq: 26 Jul 2023 18:08

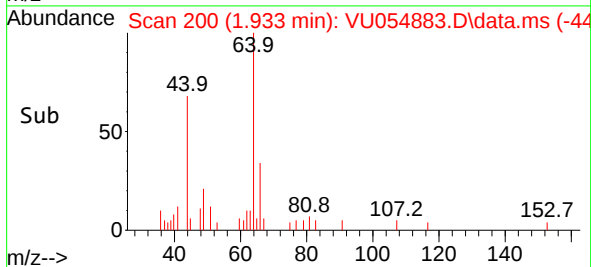
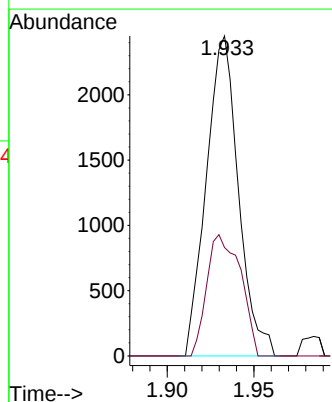
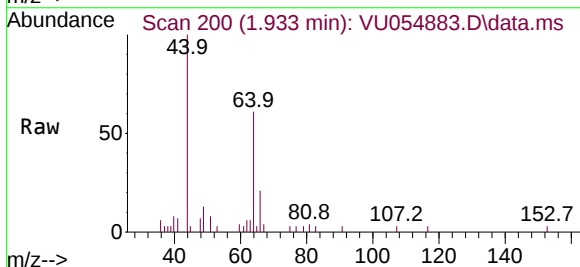
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK

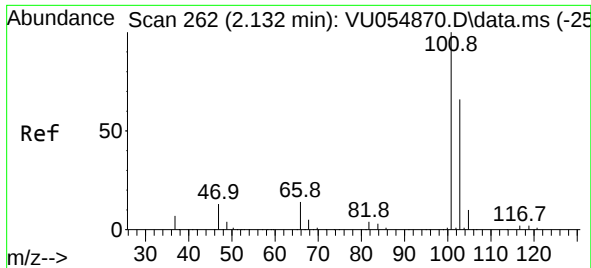
Tgt Ion: 94 Resp: 3157
Ion Ratio Lower Upper
94 100
96 87.2 74.6 111.8



#6
Chloroethane
Concen: 0.425 ug/l
RT: 1.933 min Scan# 200
Delta R.T. 0.003 min
Lab File: VU054883.D
Acq: 26 Jul 2023 18:08

Tgt Ion: 64 Resp: 3155
Ion Ratio Lower Upper
64 100
66 33.9 26.2 39.4

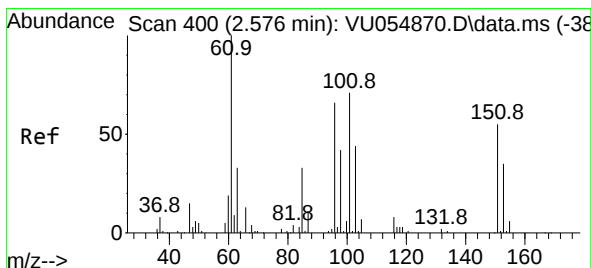
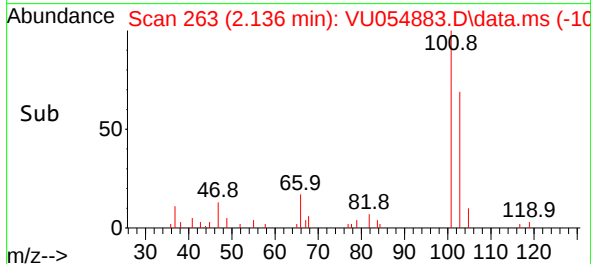
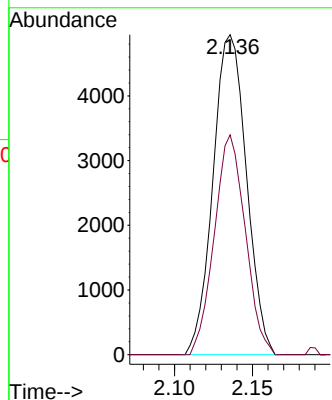
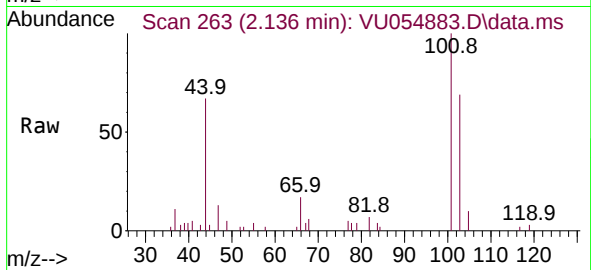




#7
 Trichlorofluoromethane
 Concen: 0.437 ug/l
 RT: 2.136 min Scan# 210
 Delta R.T. 0.003 min
 Lab File: VU054883.D
 Acq: 26 Jul 2023 18:08

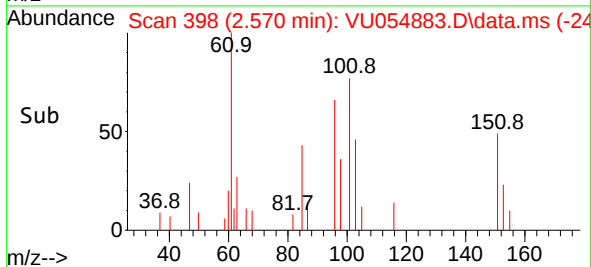
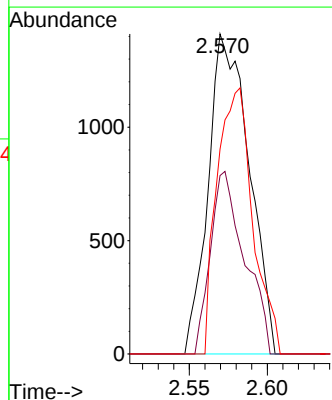
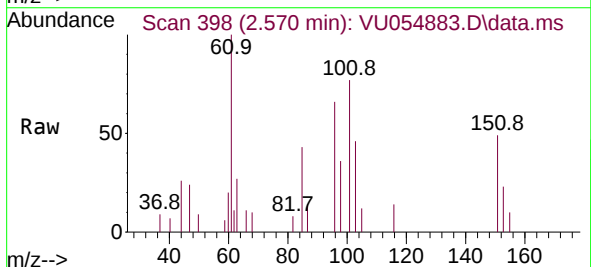
Instrument :
 MSVOA_U
 ClientSampleId :
 RL-CHECK

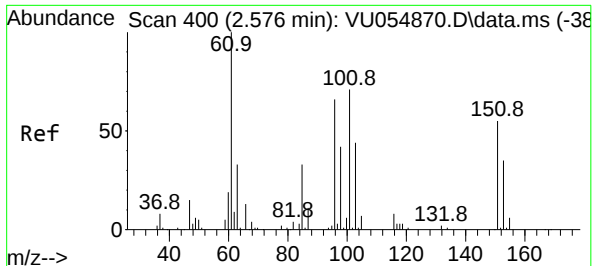
Tgt Ion:101 Resp: 7382
 Ion Ratio Lower Upper
 101 100
 103 68.7 52.9 79.3



#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.471 ug/l
 RT: 2.570 min Scan# 398
 Delta R.T. -0.006 min
 Lab File: VU054883.D
 Acq: 26 Jul 2023 18:08

Tgt Ion:101 Resp: 2575
 Ion Ratio Lower Upper
 101 100
 85 47.7 34.8 52.2
 151 72.5 60.5 90.7

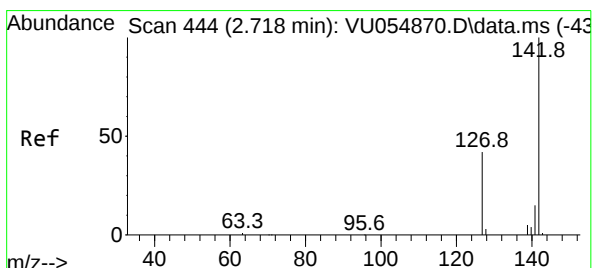
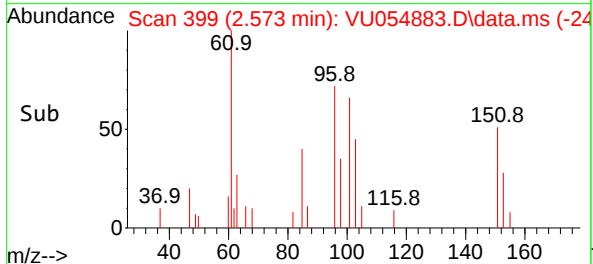
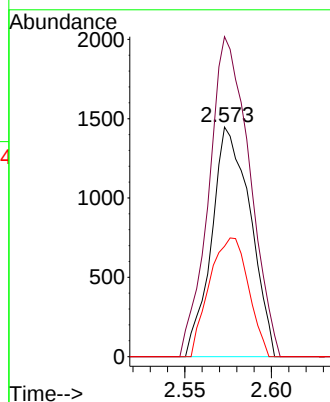
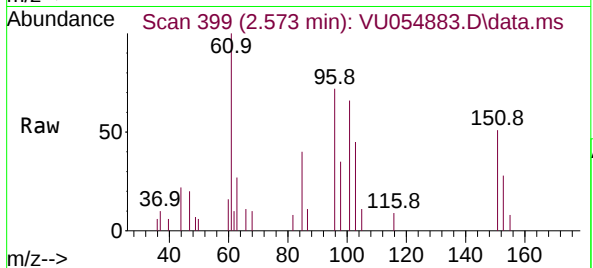




#9
1,1-Dichloroethene
Concen: 0.517 ug/l
RT: 2.573 min Scan# 399
Delta R.T. -0.003 min
Lab File: VU054883.D
Acq: 26 Jul 2023 18:08

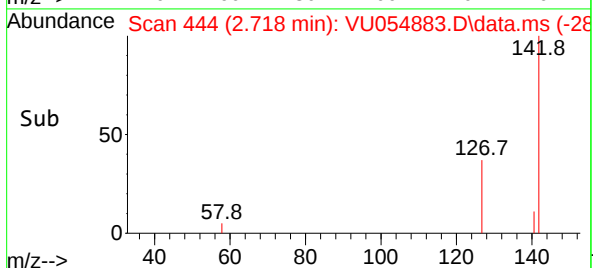
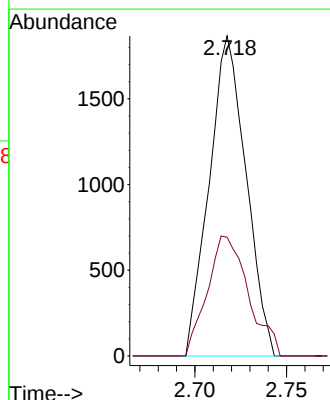
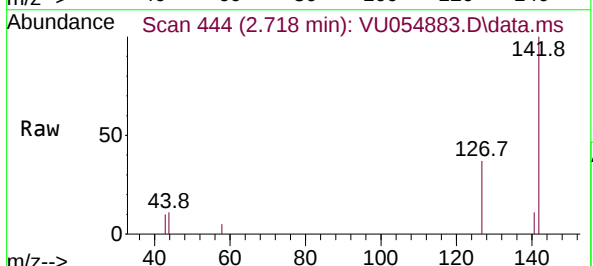
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK

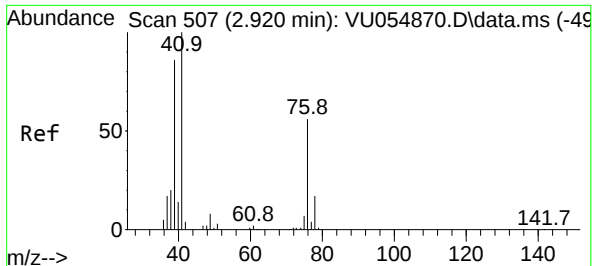
Tgt Ion: 96 Resp: 2244
Ion Ratio Lower Upper
96 100
61 139.4 0.0 440.1
98 48.1 0.0 121.8



#10
Iodomethane
Concen: 0.384 ug/l
RT: 2.718 min Scan# 444
Delta R.T. -0.000 min
Lab File: VU054883.D
Acq: 26 Jul 2023 18:08

Tgt Ion: 142 Resp: 2602
Ion Ratio Lower Upper
142 100
127 41.8 34.3 51.5

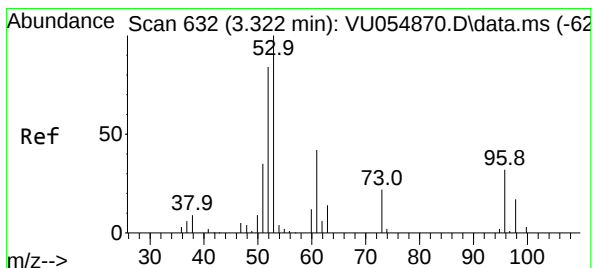
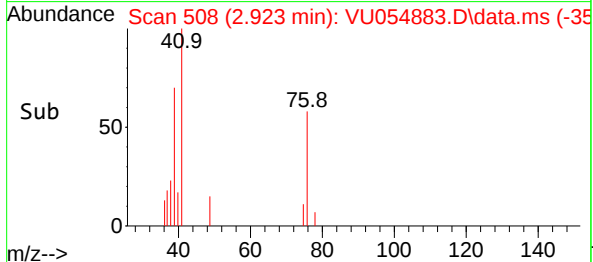
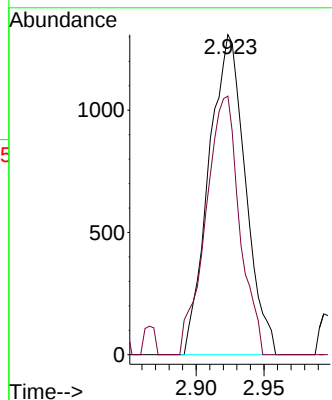
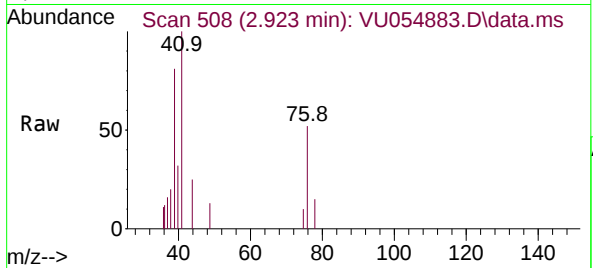




#11
 Allyl Chloride
 Concen: 0.473 ug/l
 RT: 2.923 min Scan# 507
 Delta R.T. 0.003 min
 Lab File: VU054883.D
 Acq: 26 Jul 2023 18:08

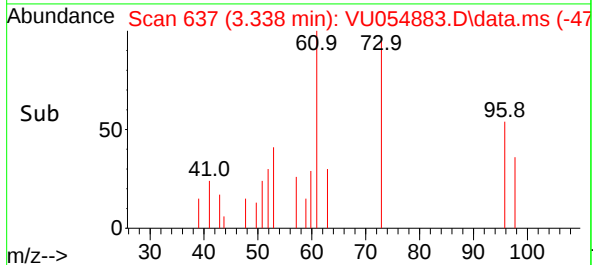
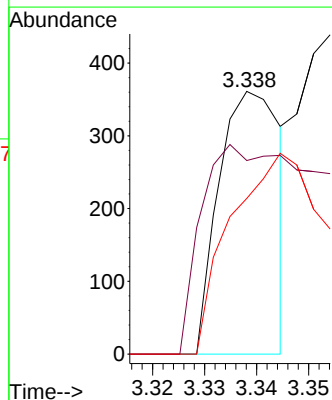
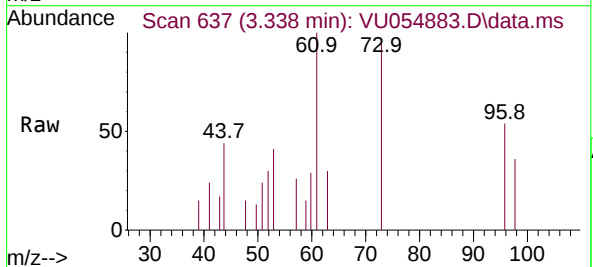
Instrument :
 MSVOA_U
 ClientSampleId :
 RL-CHECK

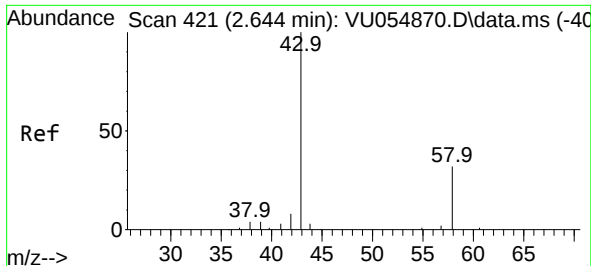
Tgt Ion: 41 Resp: 2454
 Ion Ratio Lower Upper
 41 100
 39 74.9 70.2 105.2



#12
 Acrylonitrile
 Concen: 0.273 ug/l
 RT: 3.338 min Scan# 637
 Delta R.T. 0.016 min
 Lab File: VU054883.D
 Acq: 26 Jul 2023 18:08

Tgt Ion: 53 Resp: 297
 Ion Ratio Lower Upper
 53 100
 52 228.3 64.2 96.4#
 51 0.0 33.6 50.4#





#13

Acetone

Concen: 1.502 ug/l

RT: 2.644 min Scan# 41

Delta R.T. -0.000 min

Lab File: VU054883.D

Acq: 26 Jul 2023 18:08

Instrument :

MSVOA_U

ClientSampleId :

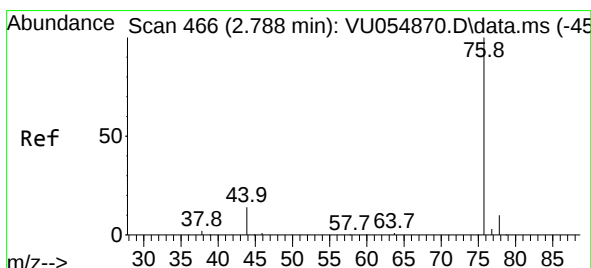
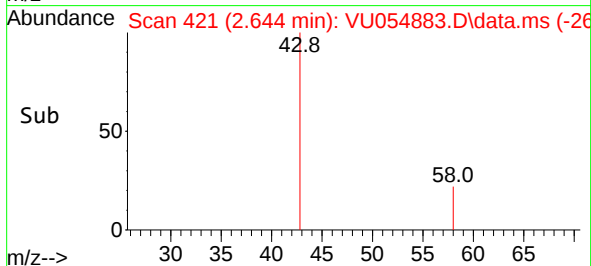
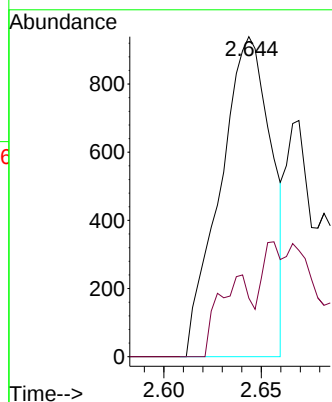
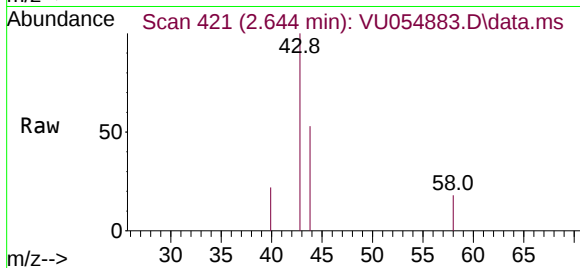
RL-CHECK

Tgt Ion: 43 Resp: 1711

Ion Ratio Lower Upper

43 100

58 18.3 30.7 46.1#



#14

Carbon Disulfide

Concen: 0.511 ug/l

RT: 2.792 min Scan# 467

Delta R.T. 0.003 min

Lab File: VU054883.D

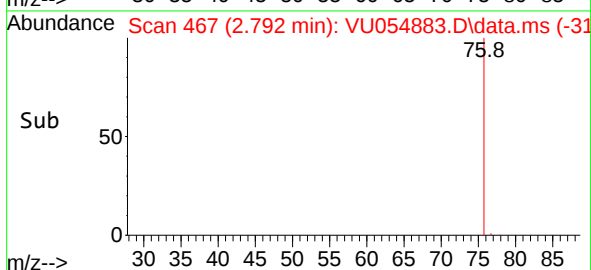
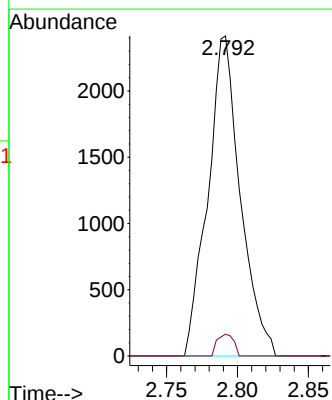
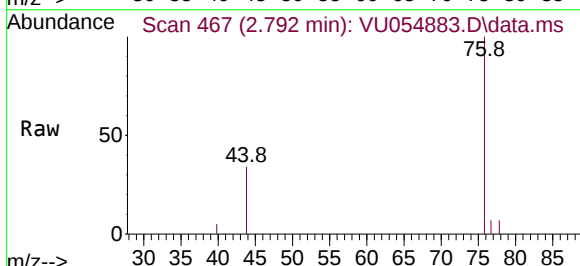
Acq: 26 Jul 2023 18:08

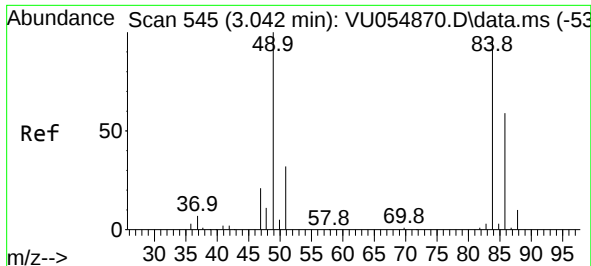
Tgt Ion: 76 Resp: 3841

Ion Ratio Lower Upper

76 100

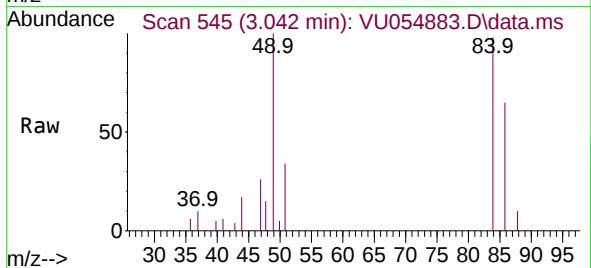
78 6.4 7.1 10.7#



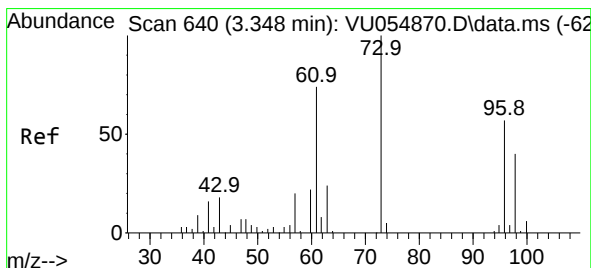
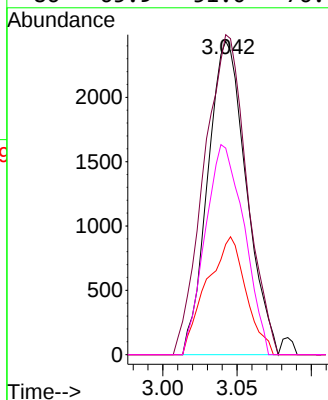
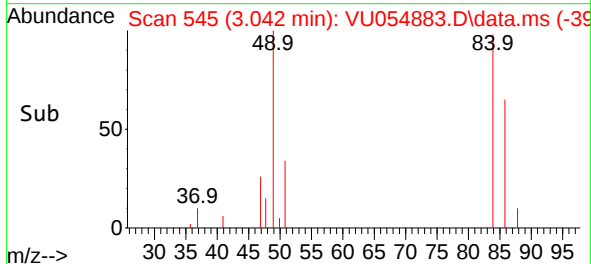


#15
Methylene Chloride
Concen: 0.744 ug/l
RT: 3.042 min Scan# 54
Delta R.T. -0.000 min
Lab File: VU054883.D
Acq: 26 Jul 2023 18:08

Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK

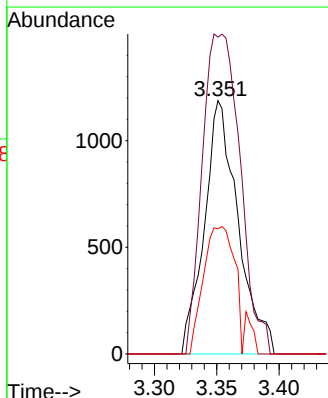
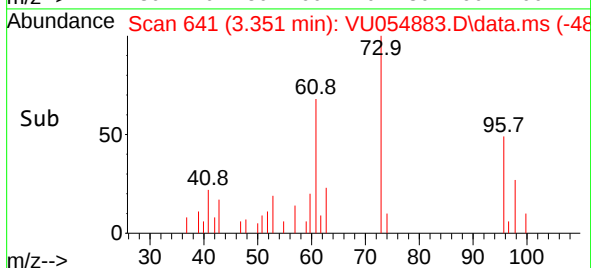
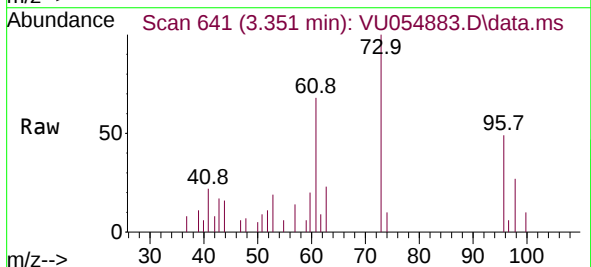


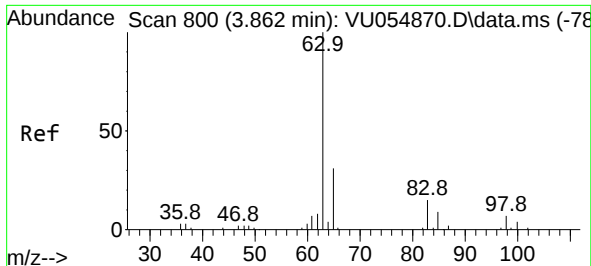
Tgt Ion:	84	Resp:	4388
Ion	Ratio	Lower	Upper
84	100		
49	102.1	87.8	131.6
51	35.2	0.0	68.2
86	65.9	51.0	76.4



#16
trans-1,2-Dichloroethene
Concen: 0.473 ug/l
RT: 3.351 min Scan# 641
Delta R.T. 0.003 min
Lab File: VU054883.D
Acq: 26 Jul 2023 18:08

Tgt Ion:	96	Resp:	2237
Ion	Ratio	Lower	Upper
96	100		
61	141.7	96.4	144.6
98	49.5	49.3	73.9

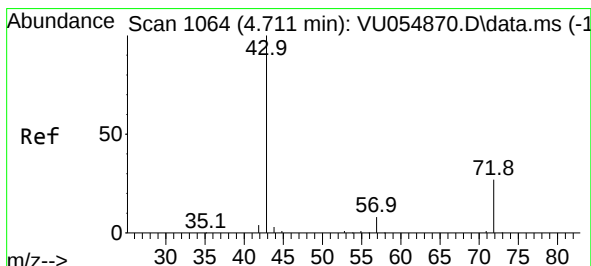
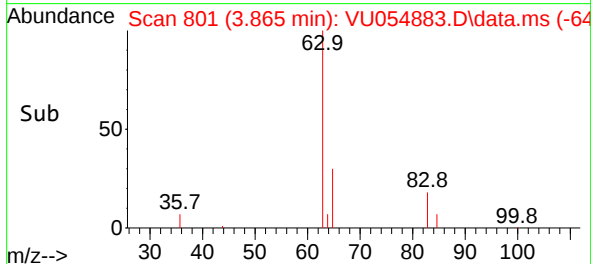
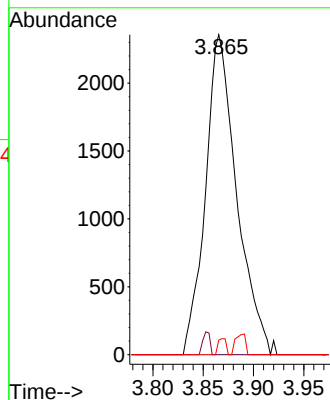
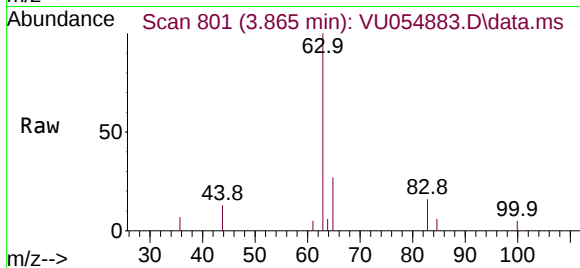




#17
 1,1-Dichloroethane
 Concen: 0.482 ug/l
 RT: 3.865 min Scan# 800
 Delta R.T. 0.003 min
 Lab File: VU054883.D
 Acq: 26 Jul 2023 18:08

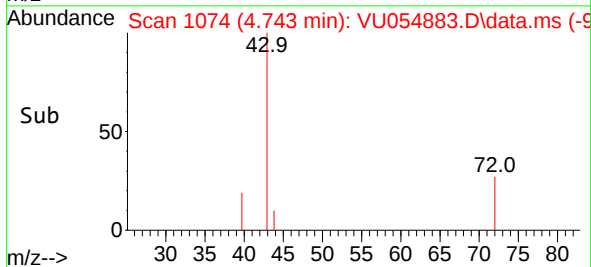
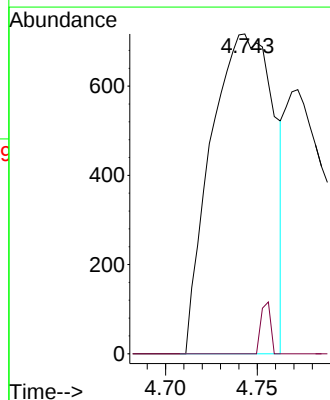
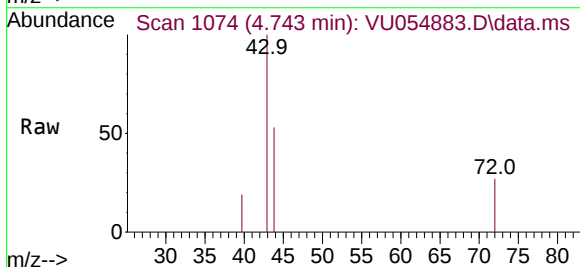
Instrument :
 MSVOA_U
 ClientSampleId :
 RL-CHECK

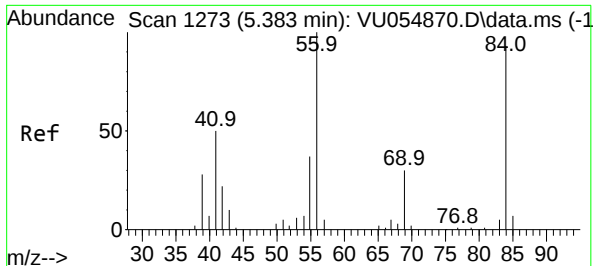
Tgt Ion: 63 Resp: 5101
 Ion Ratio Lower Upper
 63 100
 98 0.0 3.6 10.8#
 100 4.5 2.8 8.4



#18
 2-Butanone
 Concen: 1.184 ug/l
 RT: 4.743 min Scan# 1074
 Delta R.T. 0.032 min
 Lab File: VU054883.D
 Acq: 26 Jul 2023 18:08

Tgt Ion: 43 Resp: 1701
 Ion Ratio Lower Upper
 43 100
 57 0.0 0.0 20.8





#19

Cyclohexane

Concen: 0.554 ug/l

RT: 5.386 min Scan# 11

Delta R.T. 0.003 min

Lab File: VU054883.D

Acq: 26 Jul 2023 18:08

Instrument :

MSVOA_U

ClientSampleId :

RL-CHECK

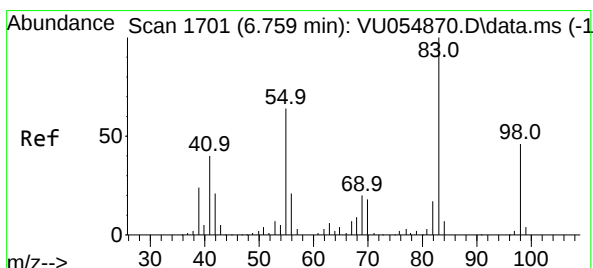
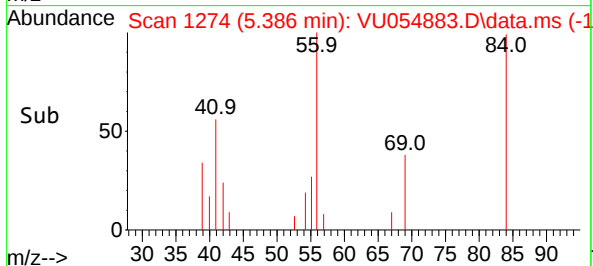
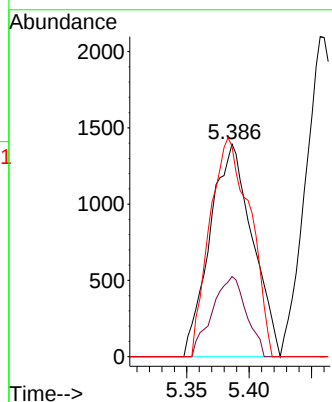
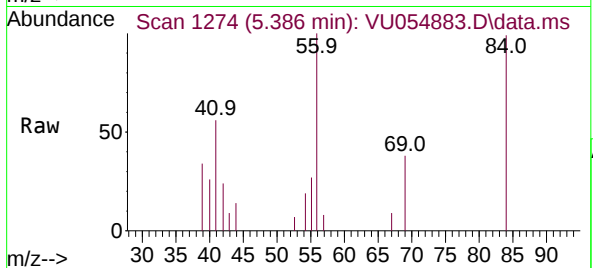
Tgt Ion: 56 Resp: 3296

Ion Ratio Lower Upper

56 100

69 30.3 24.7 37.1

84 98.1 76.5 114.7



#20

Methylcyclohexane

Concen: 0.476 ug/l

RT: 6.756 min Scan# 1700

Delta R.T. -0.003 min

Lab File: VU054883.D

Acq: 26 Jul 2023 18:08

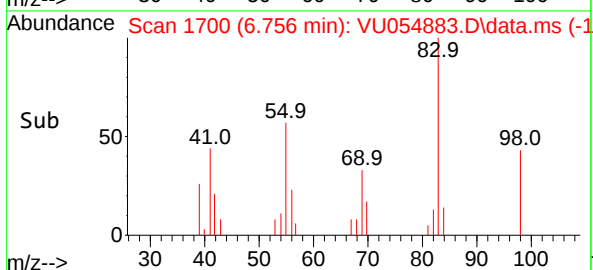
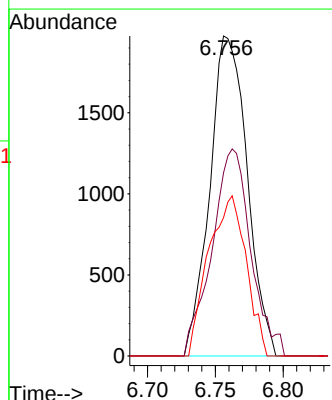
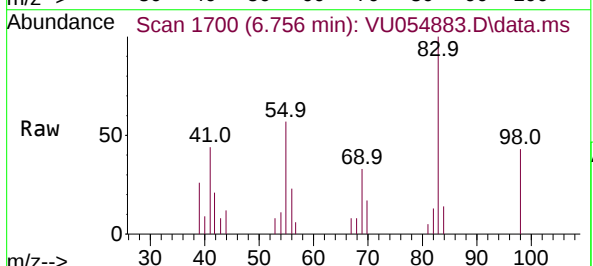
Tgt Ion: 83 Resp: 3790

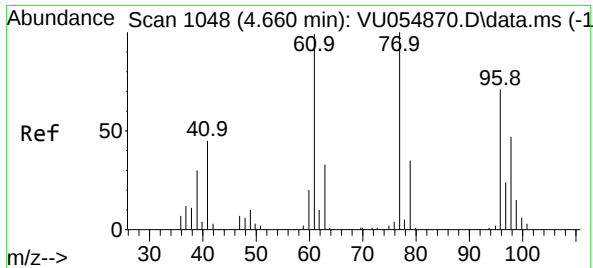
Ion Ratio Lower Upper

83 100

55 67.2 51.6 77.4

98 50.5 38.2 57.2





#21

2,2-Dichloropropane

Concen: 0.218 ug/l

RT: 4.650 min Scan# 1045

Delta R.T. -0.010 min

Lab File: VU054883.D

Acq: 26 Jul 2023 18:08

Instrument :

MSVOA_U

ClientSampleId :

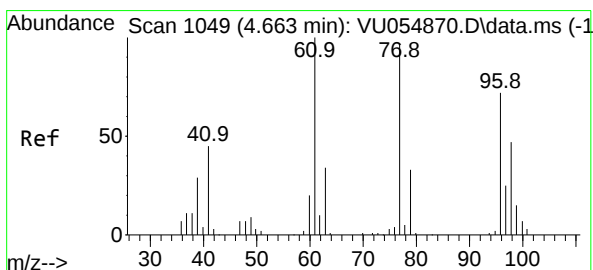
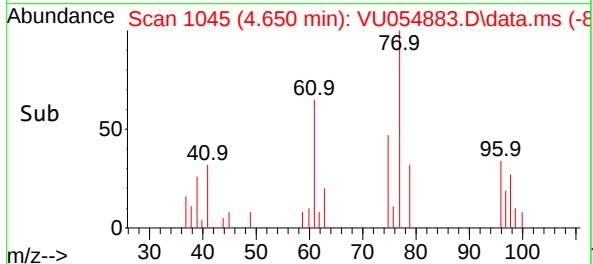
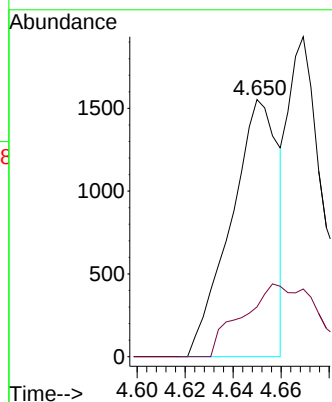
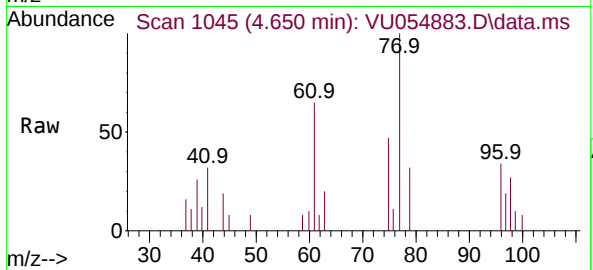
RL-CHECK

Tgt Ion: 77 Resp: 2133

Ion Ratio Lower Upper

77 100

97 46.1 18.0 27.0#



#22

cis-1,2-Dichloroethene

Concen: 0.533 ug/l

RT: 4.672 min Scan# 1052

Delta R.T. 0.010 min

Lab File: VU054883.D

Acq: 26 Jul 2023 18:08

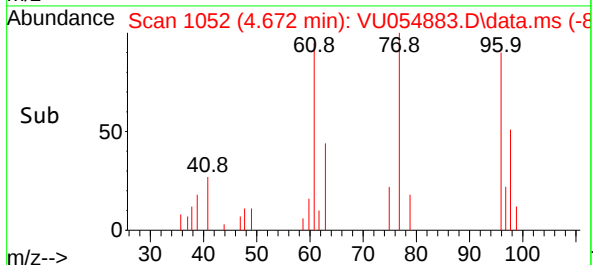
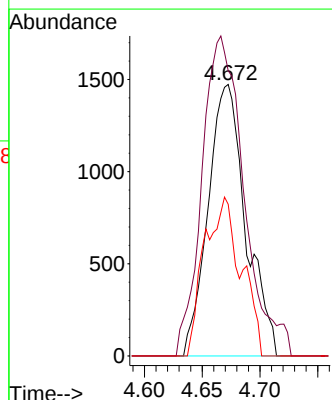
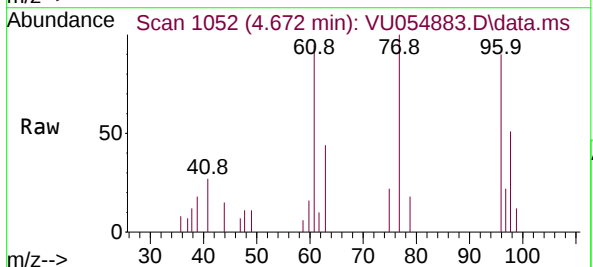
Tgt Ion: 96 Resp: 3346

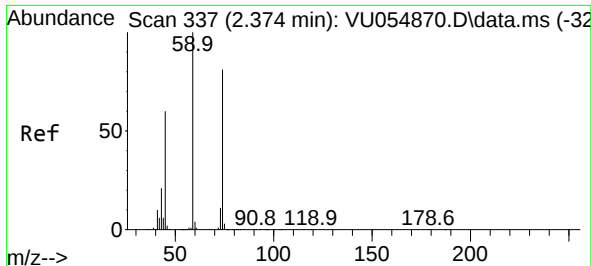
Ion Ratio Lower Upper

96 100

61 131.4 0.0 332.0

98 46.6 32.5 97.5

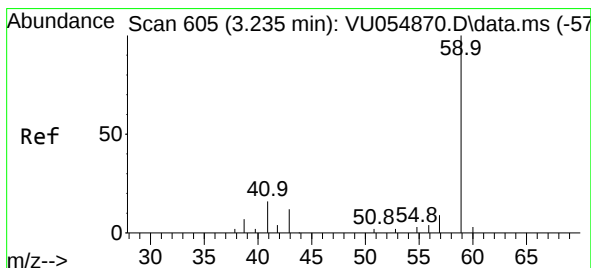
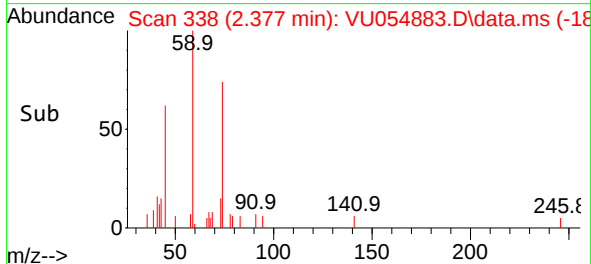
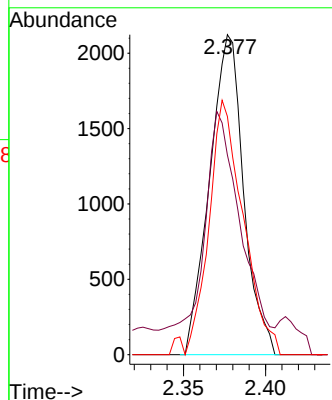
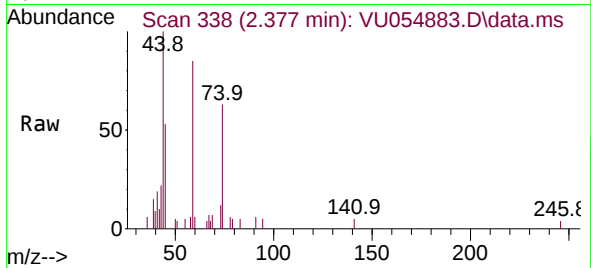




#23
Diethyl Ether
Concen: 0.477 ug/l
RT: 2.377 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU054883.D
Acq: 26 Jul 2023 18:08

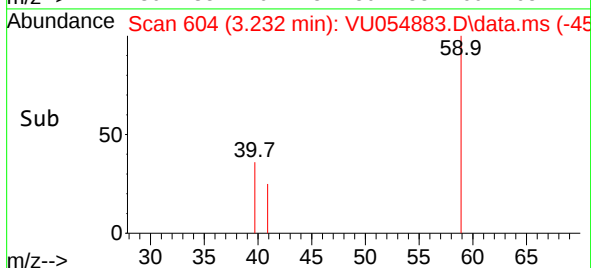
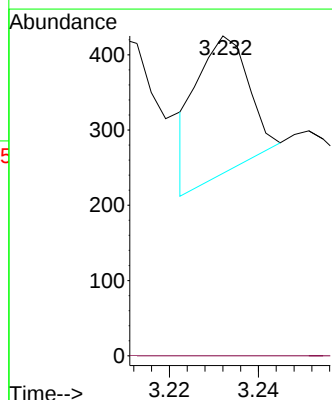
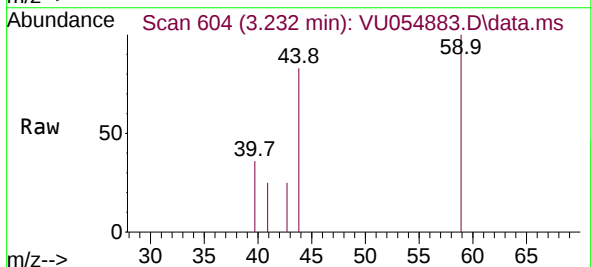
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK

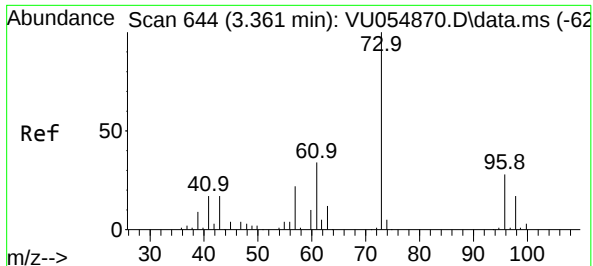
Tgt Ion: 59 Resp: 3056
Ion Ratio Lower Upper
59 100
45 70.0 51.4 77.0
74 79.7 63.1 94.7



#24
tert-Butyl Alcohol
Concen: 0.253 ug/l
RT: 3.232 min Scan# 604
Delta R.T. -0.003 min
Lab File: VU054883.D
Acq: 26 Jul 2023 18:08

Tgt Ion: 59 Resp: 151
Ion Ratio Lower Upper
59 100
57 0.0 2.2 3.2#

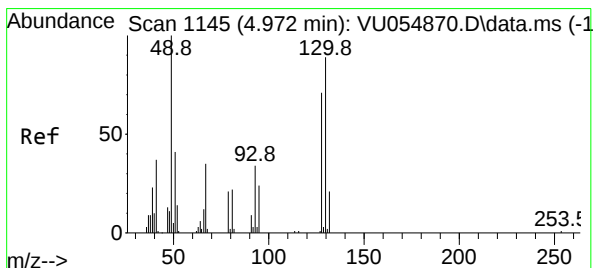
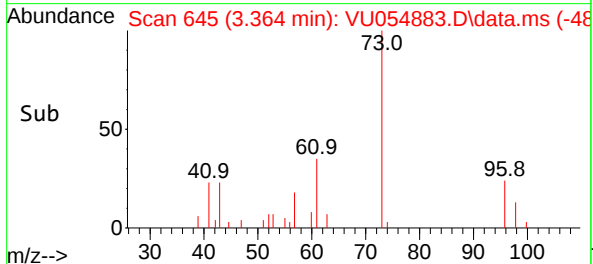
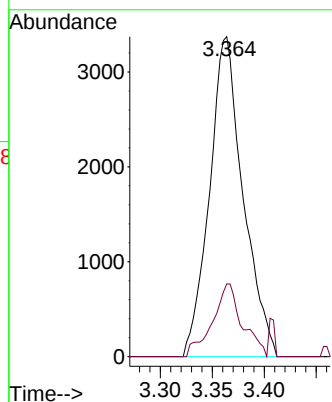
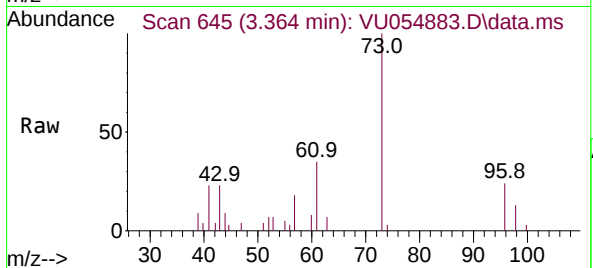




#25
Methyl tert-Butyl Ether
Concen: 0.564 ug/l
RT: 3.364 min Scan# 644
Delta R.T. 0.003 min
Lab File: VU054883.D
Acq: 26 Jul 2023 18:08

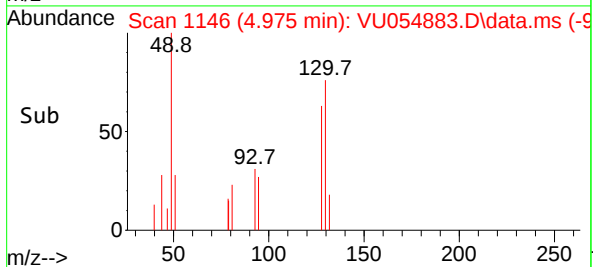
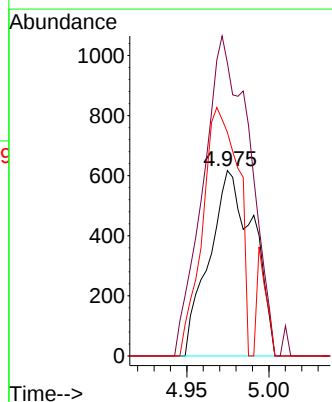
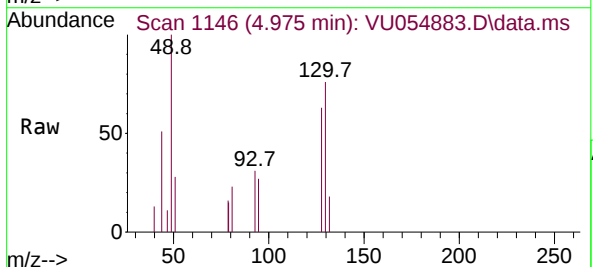
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK

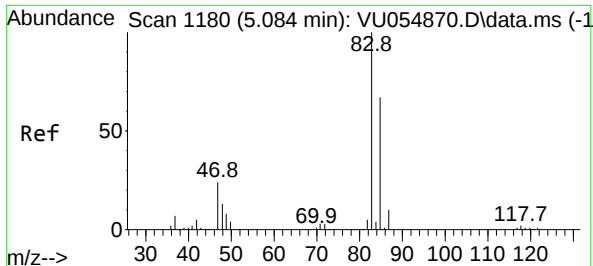
Tgt Ion: 73 Resp: 7578
Ion Ratio Lower Upper
73 100
43 20.2 14.6 22.0



#26
Bromochloromethane
Concen: 0.449 ug/l
RT: 4.975 min Scan# 1146
Delta R.T. 0.003 min
Lab File: VU054883.D
Acq: 26 Jul 2023 18:08

Tgt Ion: 128 Resp: 1156
Ion Ratio Lower Upper
128 100
49 181.1 0.0 304.0
130 108.8 104.3 156.5





#27

Chloroform

Concen: 0.496 ug/l

RT: 5.084 min Scan# 1180

Delta R.T. -0.000 min

Lab File: VU054883.D

Acq: 26 Jul 2023 18:08

Instrument :

MSVOA_U

ClientSampleId :

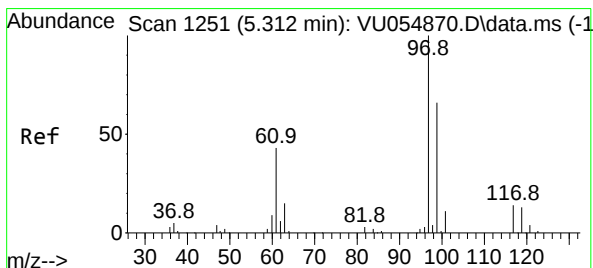
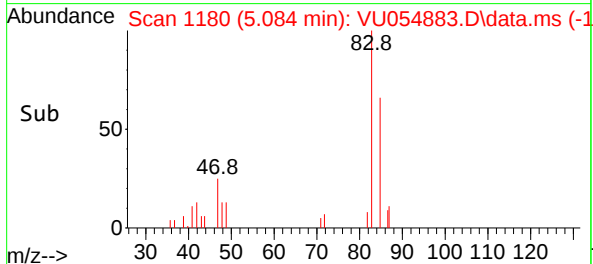
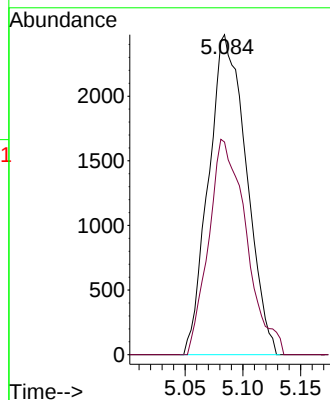
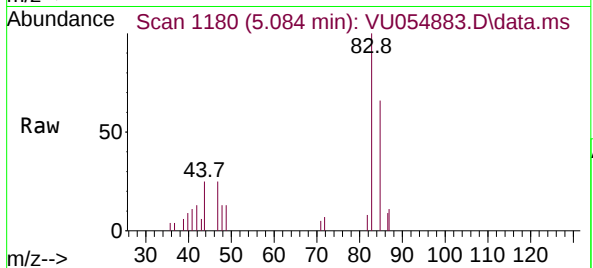
RL-CHECK

Tgt Ion: 83 Resp: 5629

Ion Ratio Lower Upper

83 100

85 66.4 0.0 135.2



#28

1,1,1-Trichloroethane

Concen: 0.489 ug/l

RT: 5.319 min Scan# 1253

Delta R.T. 0.006 min

Lab File: VU054883.D

Acq: 26 Jul 2023 18:08

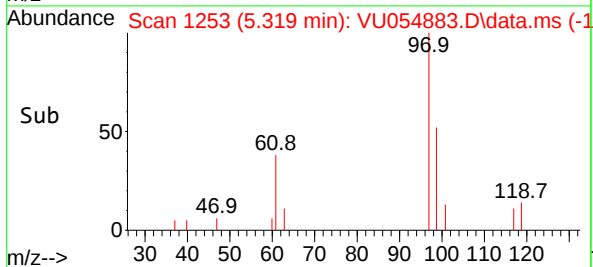
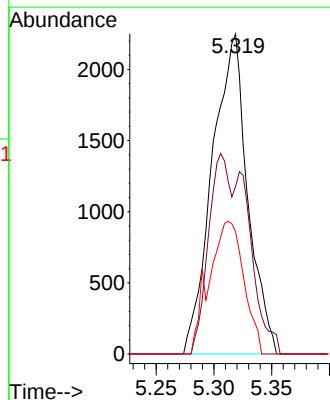
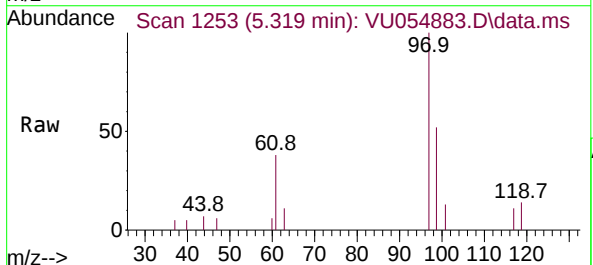
Tgt Ion: 97 Resp: 4794

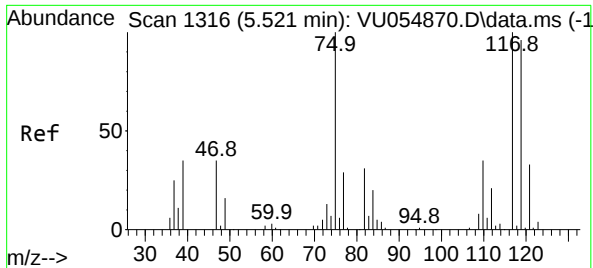
Ion Ratio Lower Upper

97 100

99 39.6 32.0 96.2

61 40.5 21.0 63.0





#29

1,1-Dichloropropene

Concen: 0.449 ug/l

RT: 5.528 min Scan# 11

Delta R.T. 0.006 min

Lab File: VU054883.D

Acq: 26 Jul 2023 18:08

Instrument :

MSVOA_U

ClientSampleId :

RL-CHECK

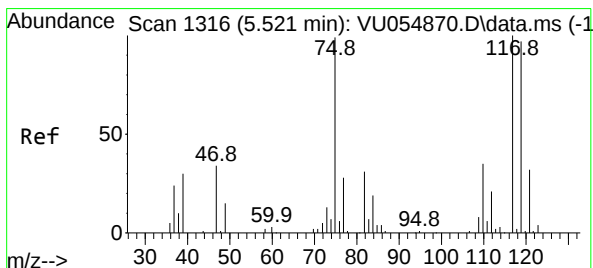
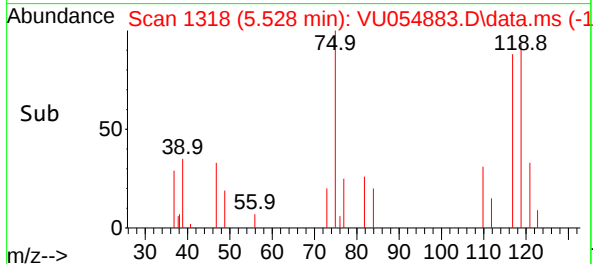
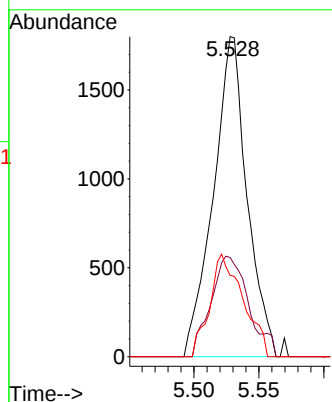
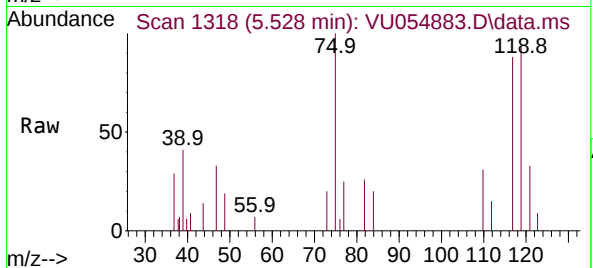
Tgt Ion: 75 Resp: 3245

Ion Ratio Lower Upper

75 100

110 35.0 18.5 55.5

77 31.7 24.9 37.3



#30

Carbon Tetrachloride

Concen: 0.446 ug/l

RT: 5.525 min Scan# 1317

Delta R.T. 0.003 min

Lab File: VU054883.D

Acq: 26 Jul 2023 18:08

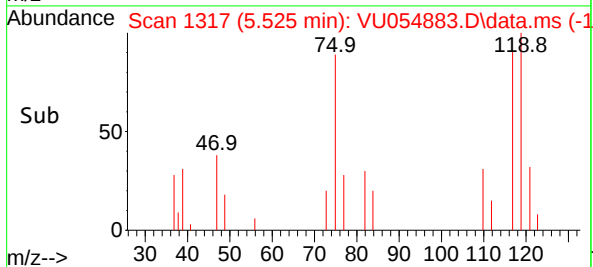
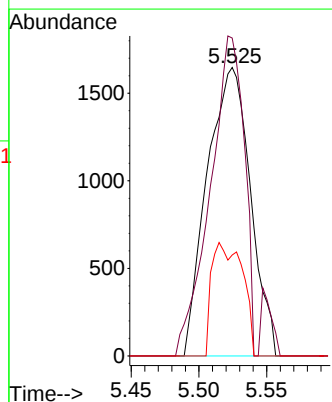
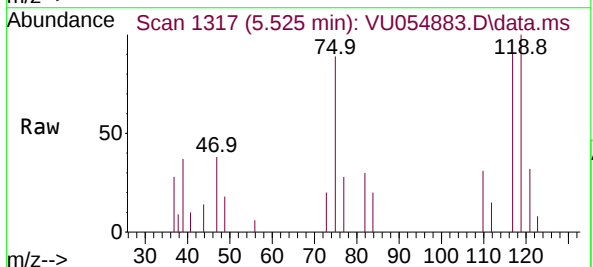
Tgt Ion: 117 Resp: 3654

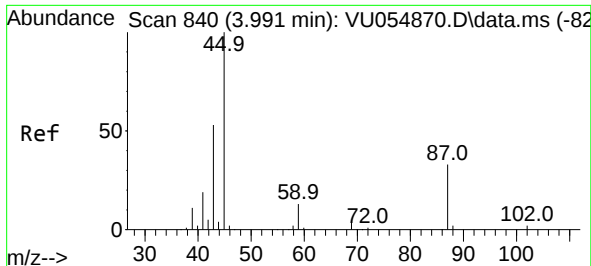
Ion Ratio Lower Upper

117 100

119 110.2 75.6 113.4

121 35.0 23.4 35.0

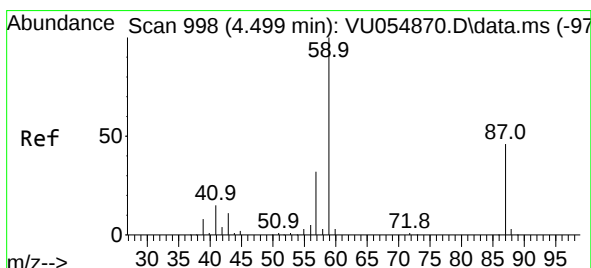
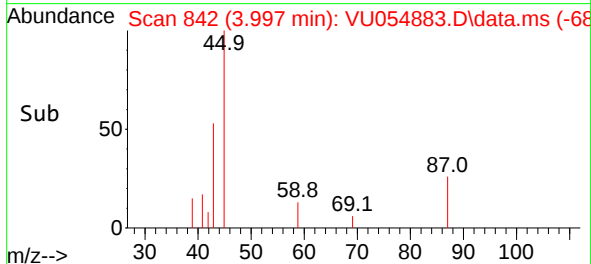
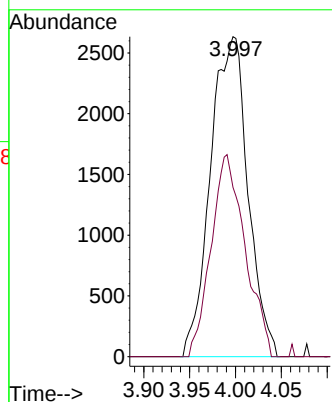
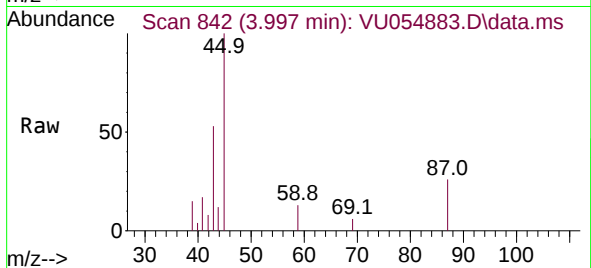




#31
Isopropyl Ether
Concen: 0.480 ug/l
RT: 3.997 min Scan# 841
Delta R.T. 0.006 min
Lab File: VU054883.D
Acq: 26 Jul 2023 18:08

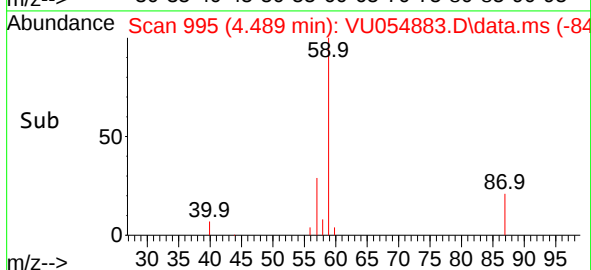
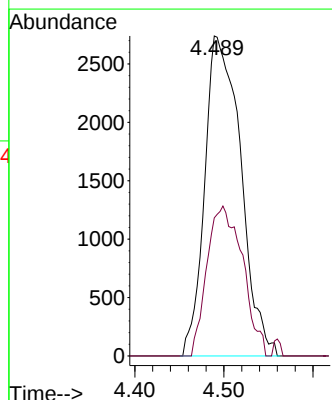
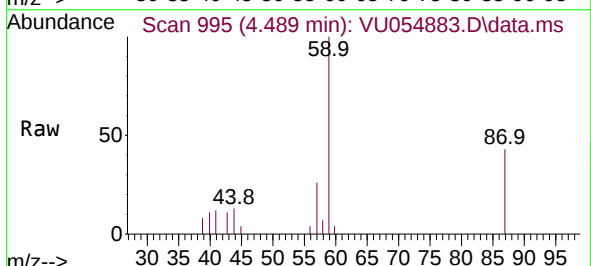
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK

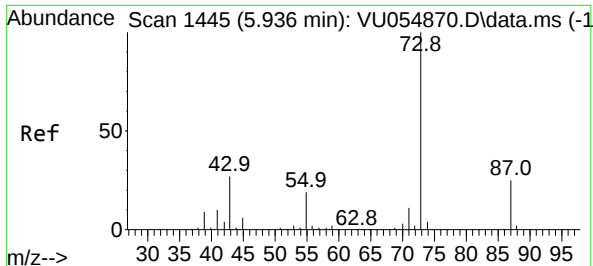
Tgt Ion: 45 Resp: 7492
Ion Ratio Lower Upper
45 100
43 57.2 26.4 79.2



#32
Ethyl-t-butyl ether
Concen: 0.478 ug/l
RT: 4.489 min Scan# 995
Delta R.T. -0.010 min
Lab File: VU054883.D
Acq: 26 Jul 2023 18:08

Tgt Ion: 59 Resp: 7678
Ion Ratio Lower Upper
59 100
87 46.4 35.7 53.5

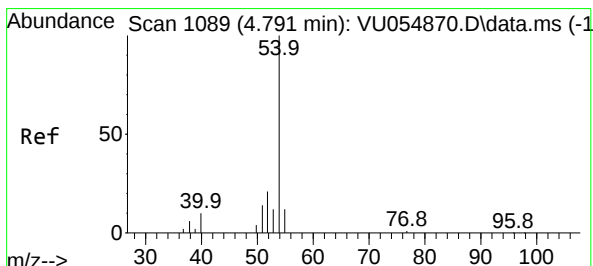
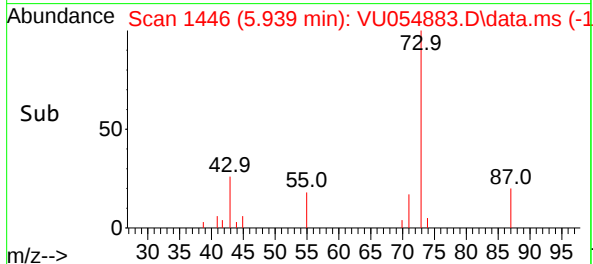
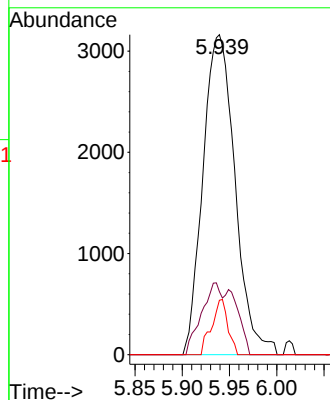
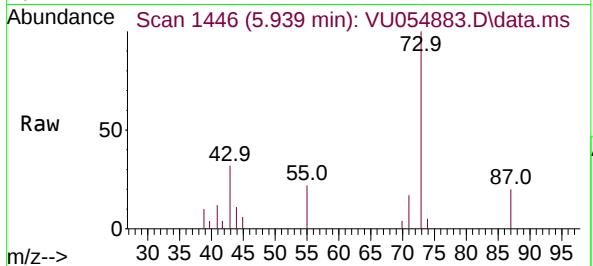




#33
Tert-Amyl methyl ether
Concen: 0.492 ug/l
RT: 5.939 min Scan# 1445
Delta R.T. 0.003 min
Lab File: VU054883.D
Acq: 26 Jul 2023 18:08

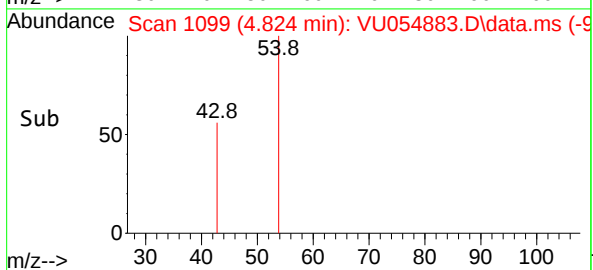
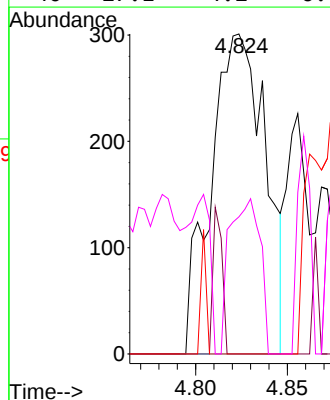
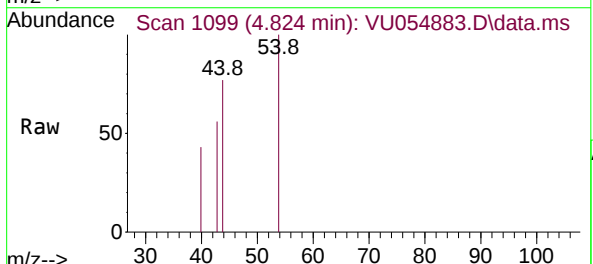
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK

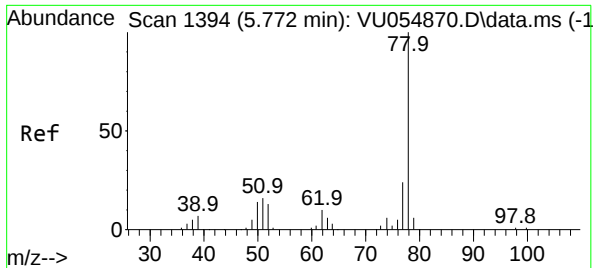
Tgt Ion: 73 Resp: 7470
Ion Ratio Lower Upper
73 100
87 14.2 19.6 29.4#
71 8.6 9.1 13.7#



#34
Propionitrile
Concen: 1.573 ug/l
RT: 4.824 min Scan# 1099
Delta R.T. 0.032 min
Lab File: VU054883.D
Acq: 26 Jul 2023 18:08

Tgt Ion: 54 Resp: 623
Ion Ratio Lower Upper
54 100
52 7.7 13.8 20.8#
55 3.7 4.8 7.2#
40 27.1 4.2 6.4#

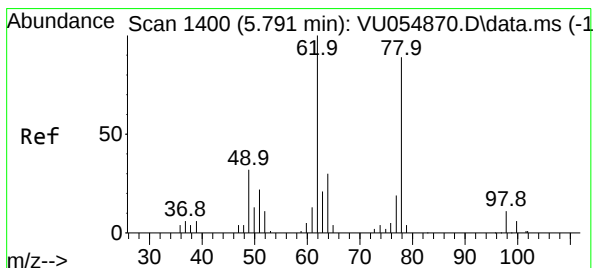
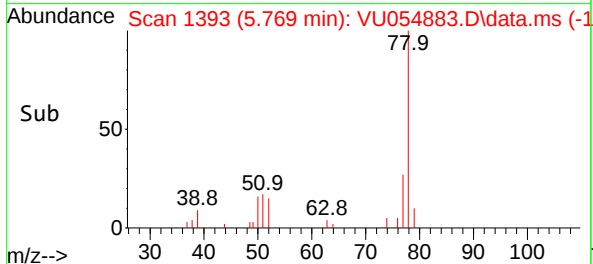
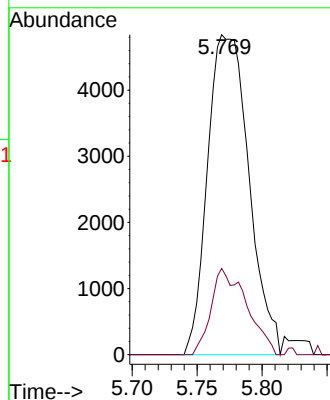
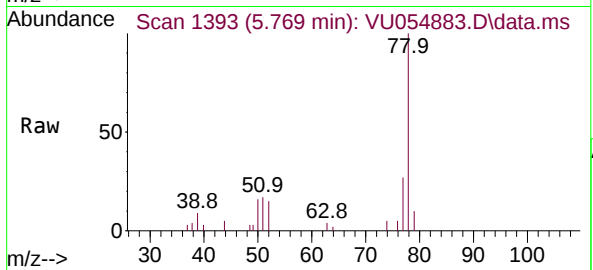




#35
Benzene
Concen: 0.472 ug/l
RT: 5.769 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU054883.D
Acq: 26 Jul 2023 18:08

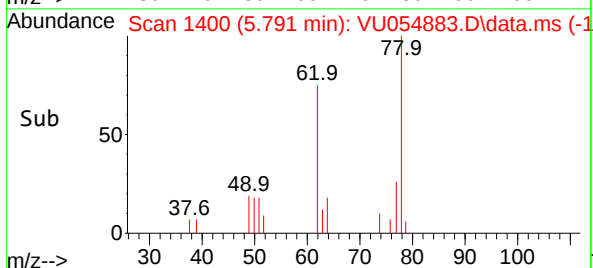
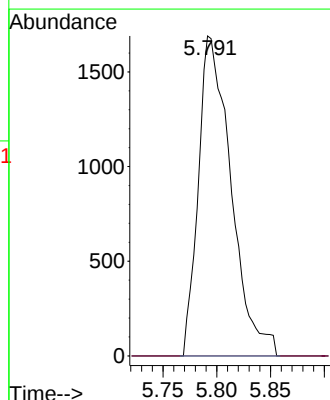
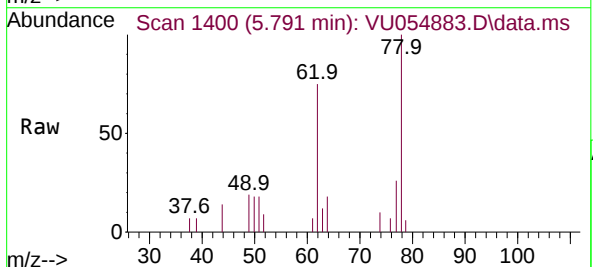
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK

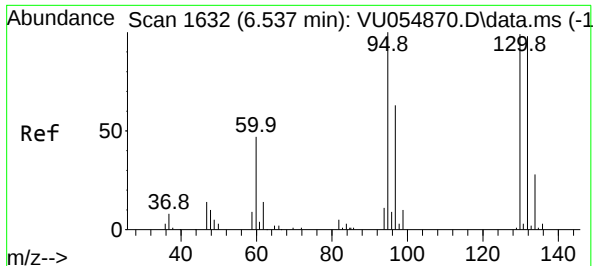
Tgt Ion: 78 Resp: 10699
Ion Ratio Lower Upper
78 100
77 27.0 19.4 29.2



#36
1,2-Dichloroethane
Concen: 0.554 ug/l
RT: 5.791 min Scan# 1400
Delta R.T. -0.000 min
Lab File: VU054883.D
Acq: 26 Jul 2023 18:08

Tgt Ion: 62 Resp: 3571
Ion Ratio Lower Upper
62 100
98 0.0 7.8 11.8#





#37

Trichloroethene

Concen: 0.473 ug/l

RT: 6.541 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU054883.D

Acq: 26 Jul 2023 18:08

Instrument :

MSVOA_U

ClientSampleId :

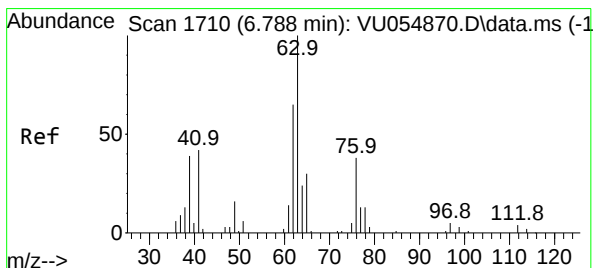
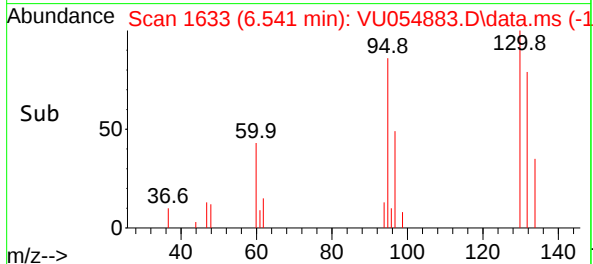
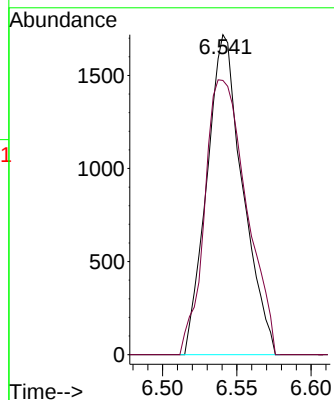
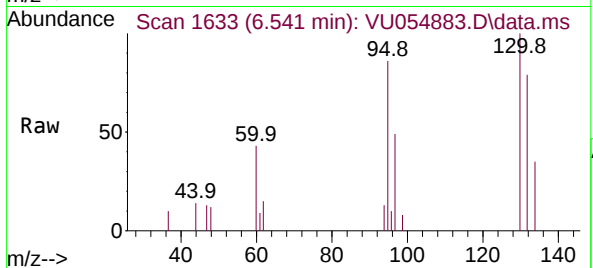
RL-CHECK

Tgt Ion:130 Resp: 2880

Ion Ratio Lower Upper

130 100

95 85.7 76.8 115.2



#38

1,2-Dichloropropane

Concen: 0.434 ug/l

RT: 6.788 min Scan# 1710

Delta R.T. -0.000 min

Lab File: VU054883.D

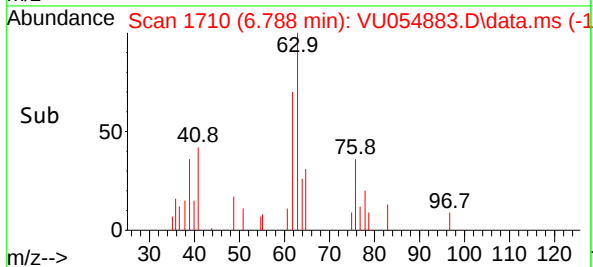
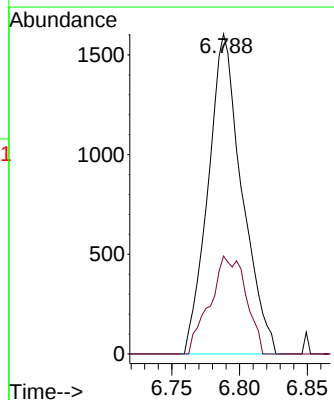
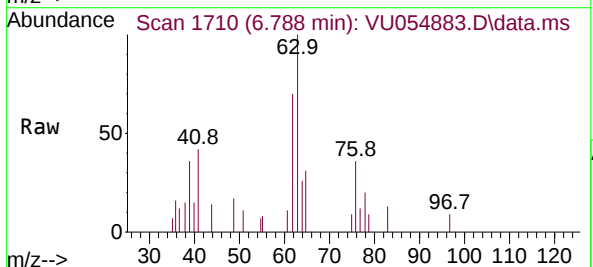
Acq: 26 Jul 2023 18:08

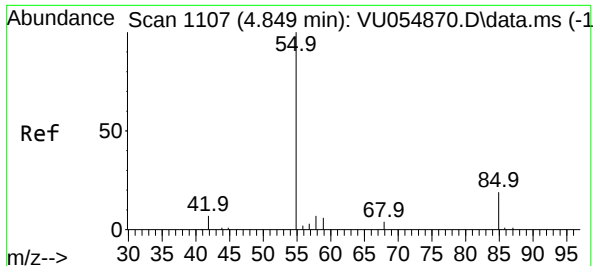
Tgt Ion: 63 Resp: 2779

Ion Ratio Lower Upper

63 100

65 30.6 24.3 36.5

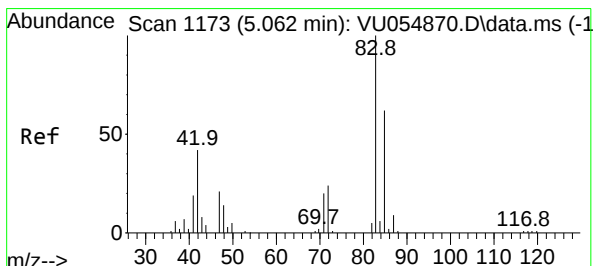
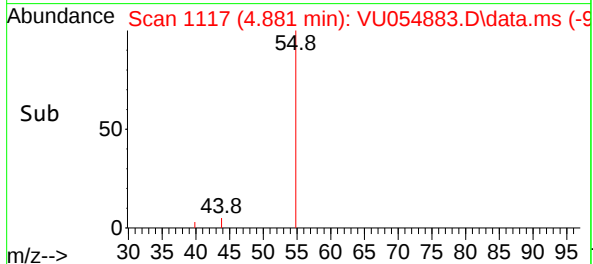
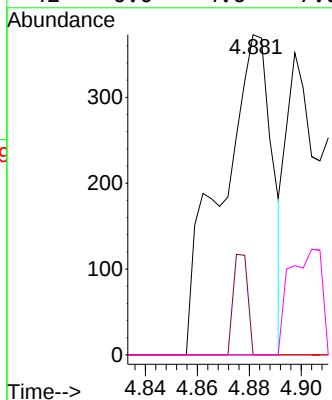
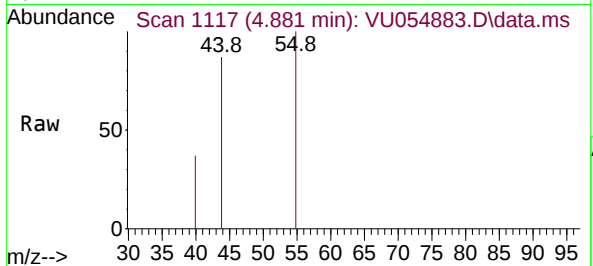




#40
Methyl acrylate
Concen: 0.201 ug/l
RT: 4.881 min Scan# 1117
Delta R.T. 0.032 min
Lab File: VU054883.D
Acq: 26 Jul 2023 18:08

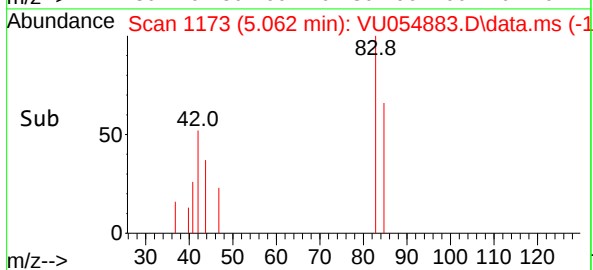
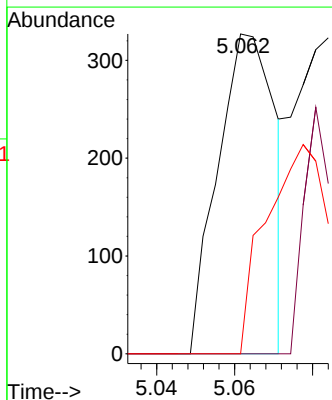
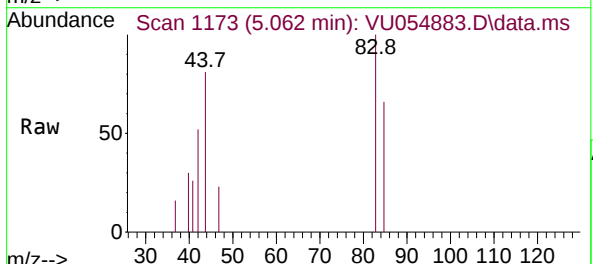
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK

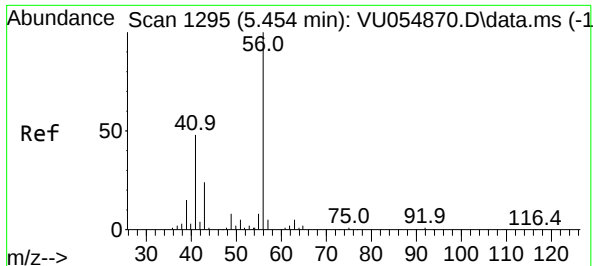
Tgt Ion: 55	Resp: 507
Ion Ratio	Lower Upper
55	100
85	0.0 13.0 19.6#
58	0.0 5.7 8.5#
42	0.0 4.6 7.0#



#41
Tetrahydrofuran
Concen: 0.366 ug/l
RT: 5.062 min Scan# 1173
Delta R.T. -0.000 min
Lab File: VU054883.D
Acq: 26 Jul 2023 18:08

Tgt Ion: 42	Resp: 332
Ion Ratio	Lower Upper
42	100
72	0.0 42.1 63.1#
71	0.0 39.7 59.5#





#42

1-Chlorobutane

Concen: 0.435 ug/l

RT: 5.457 min Scan# 1296

Delta R.T. 0.003 min

Lab File: VU054883.D

Acq: 26 Jul 2023 18:08

Instrument :

MSVOA_U

ClientSampleId :

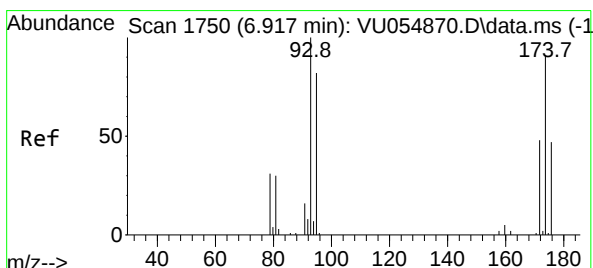
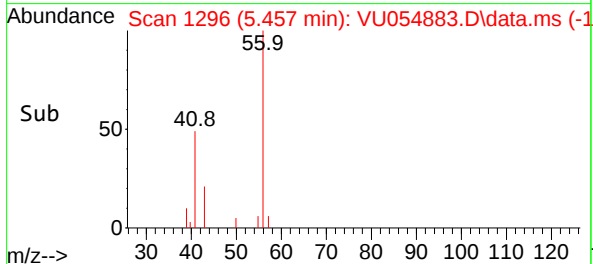
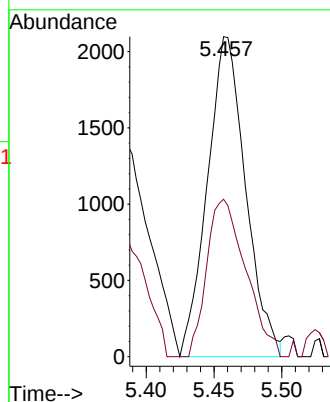
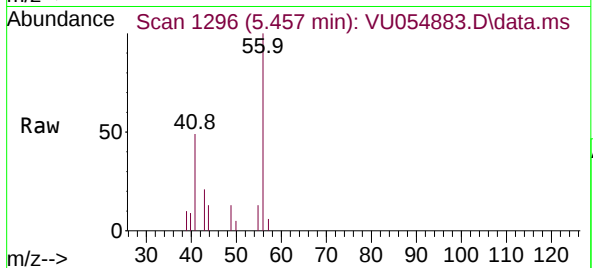
RL-CHECK

Tgt Ion: 56 Resp: 4122

Ion Ratio Lower Upper

56 100

41 50.1 23.9 71.7



#43

Dibromomethane

Concen: 0.500 ug/l

RT: 6.917 min Scan# 1750

Delta R.T. -0.000 min

Lab File: VU054883.D

Acq: 26 Jul 2023 18:08

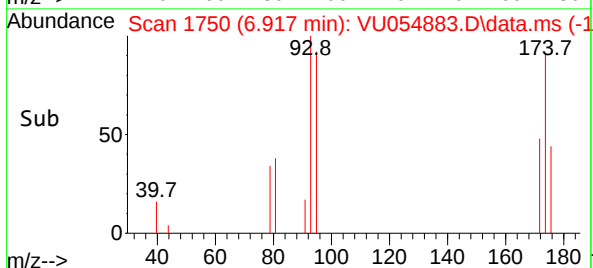
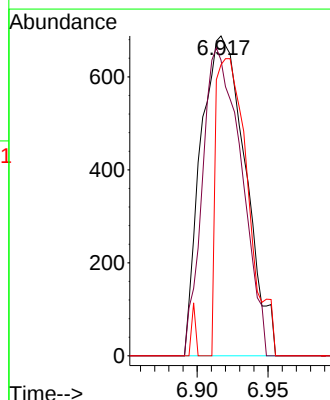
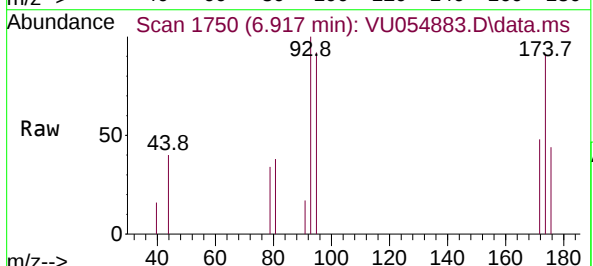
Tgt Ion: 93 Resp: 1503

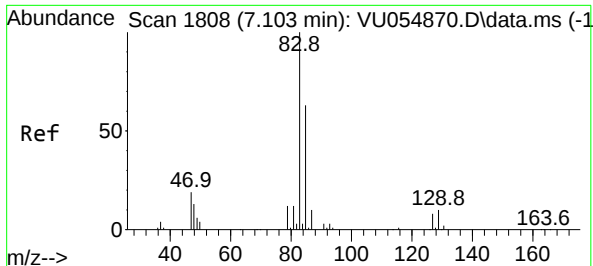
Ion Ratio Lower Upper

93 100

95 84.1 64.7 97.1

174 66.6 74.4 111.6#

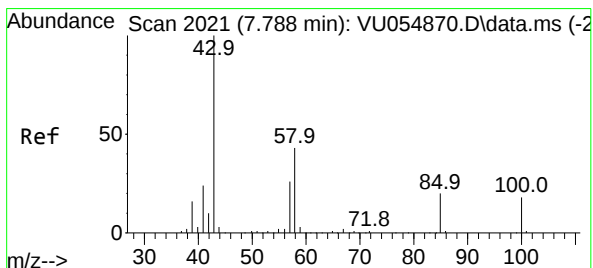
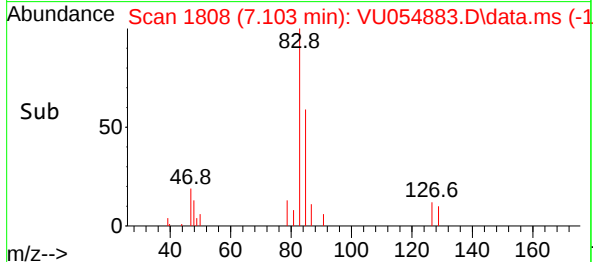
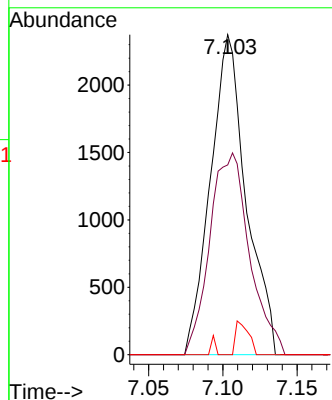
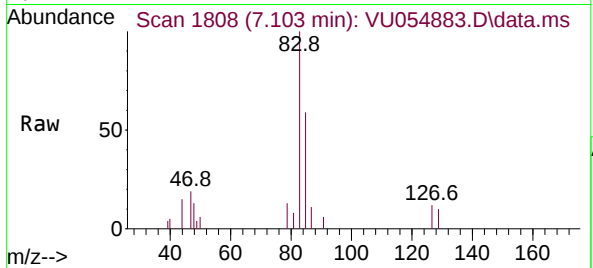




#44
Bromodichloromethane
Concen: 0.474 ug/l
RT: 7.103 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU054883.D
Acq: 26 Jul 2023 18:08

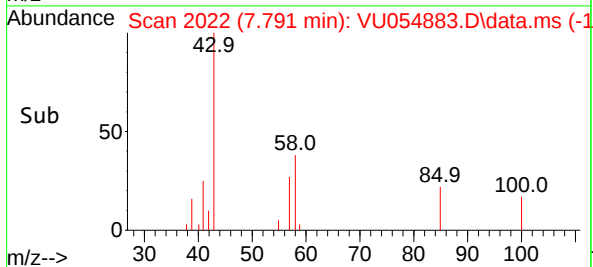
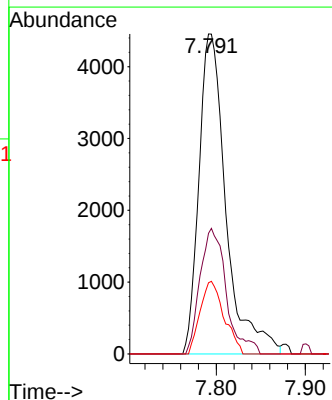
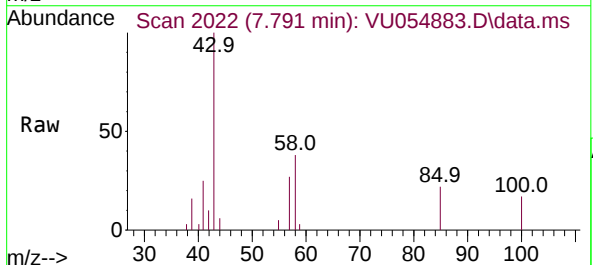
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK

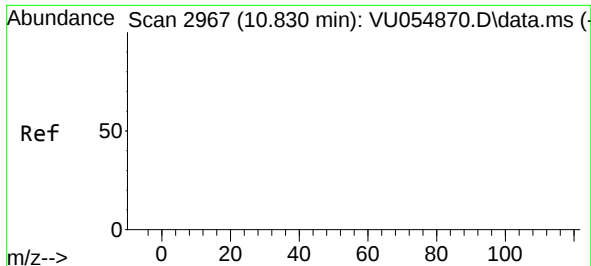
Tgt Ion: 83 Resp: 3976
Ion Ratio Lower Upper
83 100
85 59.3 52.2 78.2
127 0.0 6.1 9.1#



#45
4-Methyl-2-Pentanone
Concen: 2.678 ug/l
RT: 7.791 min Scan# 2022
Delta R.T. 0.003 min
Lab File: VU054883.D
Acq: 26 Jul 2023 18:08

Tgt Ion: 43 Resp: 9398
Ion Ratio Lower Upper
43 100
58 38.1 21.3 63.7
85 20.0 15.3 22.9



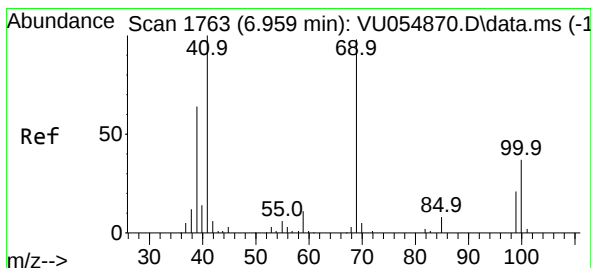
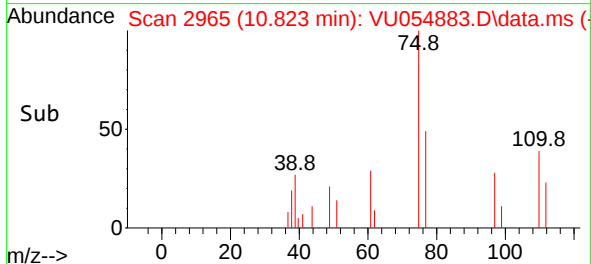
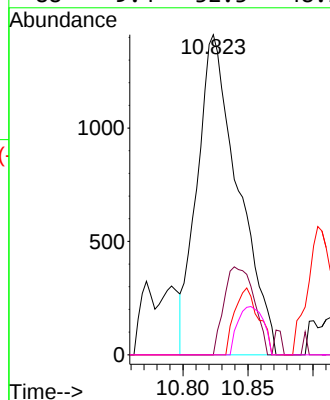
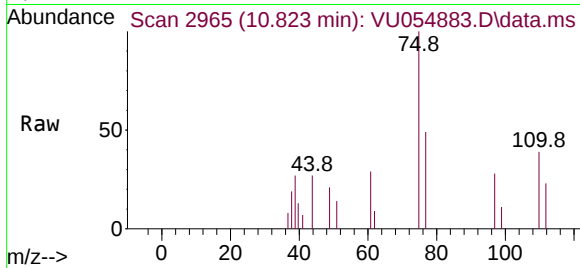


#46
t-1,4-Dichloro-2-butene
Concen: 2.192 ug/l
RT: 10.823 min Scan# 2965
Delta R.T. -0.006 min
Lab File: VU054883.D
Acq: 26 Jul 2023 18:08

Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK

Tgt Ion: 75 Resp: 3096

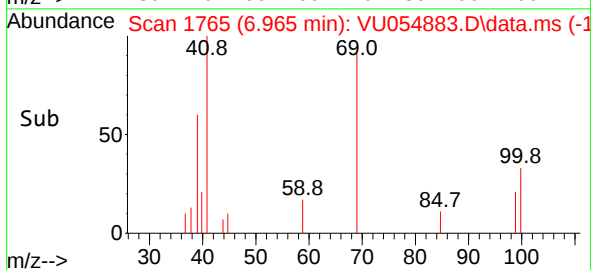
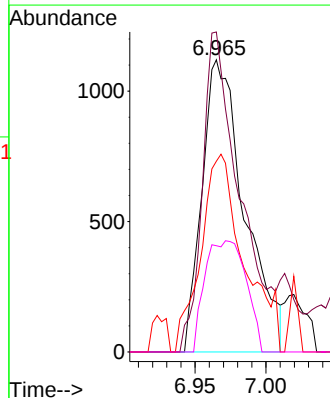
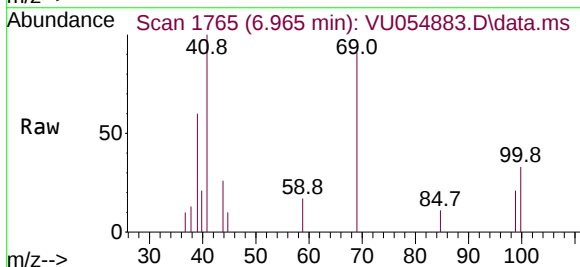
Ion	Ratio	Lower	Upper
75	100		
53	20.0	62.9	94.3#
89	12.2	47.8	71.8#
88	9.4	32.3	48.5#

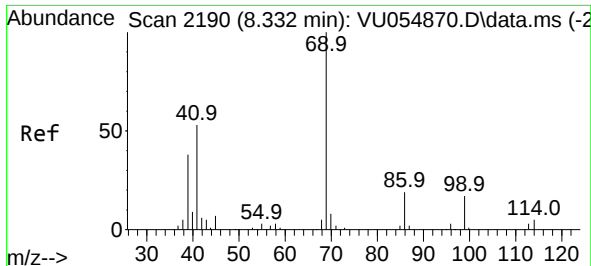


#47
Methyl methacrylate
Concen: 0.851 ug/l
RT: 6.965 min Scan# 1765
Delta R.T. 0.006 min
Lab File: VU054883.D
Acq: 26 Jul 2023 18:08

Tgt Ion: 69 Resp: 2339

Ion	Ratio	Lower	Upper
69	100		
41	97.2	0.0	193.0
39	68.7	50.4	75.6
100	36.8	28.8	43.2





#48

Ethyl methacrylate

Concen: 0.458 ug/l

RT: 8.335 min Scan# 2191

Delta R.T. 0.003 min

Lab File: VU054883.D

Acq: 26 Jul 2023 18:08

Instrument :

MSVOA_U

ClientSampleId :

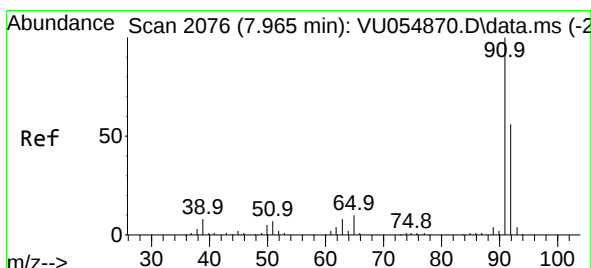
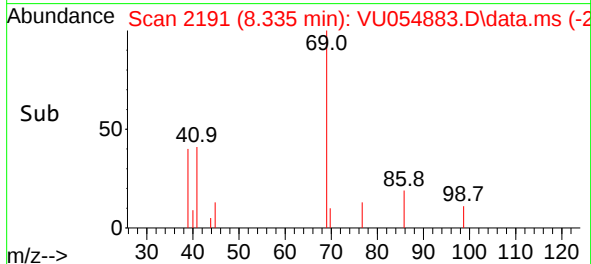
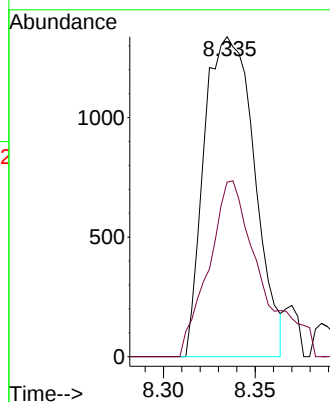
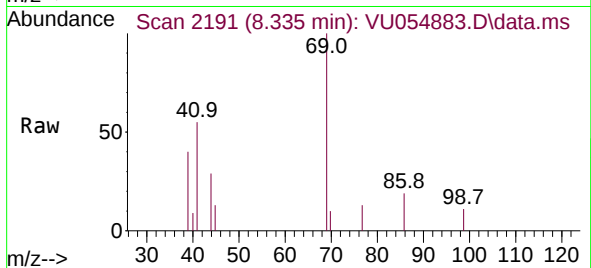
RL-CHECK

Tgt Ion: 69 Resp: 2550

Ion Ratio Lower Upper

69 100

41 56.6 28.8 86.5



#49

Toluene

Concen: 0.481 ug/l

RT: 7.968 min Scan# 2077

Delta R.T. 0.003 min

Lab File: VU054883.D

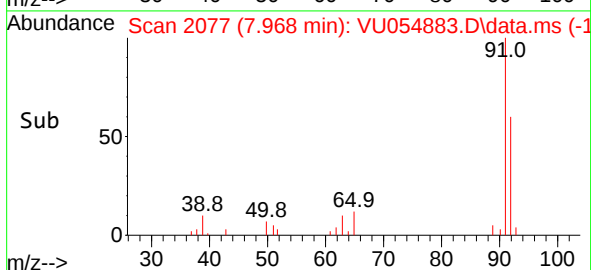
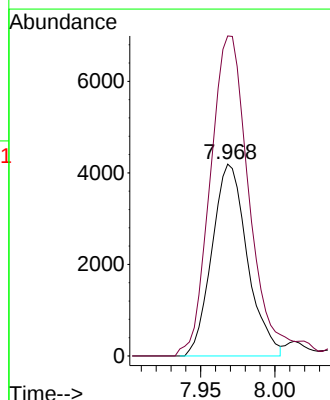
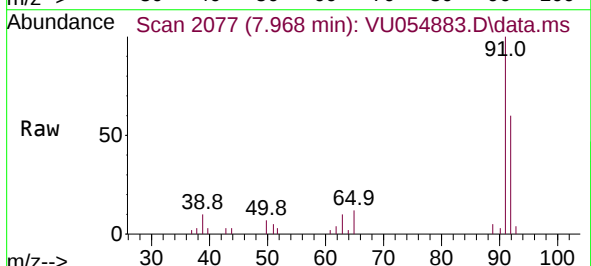
Acq: 26 Jul 2023 18:08

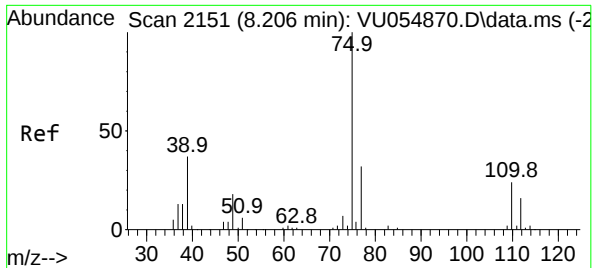
Tgt Ion: 92 Resp: 6942

Ion Ratio Lower Upper

92 100

91 184.9 142.9 214.3

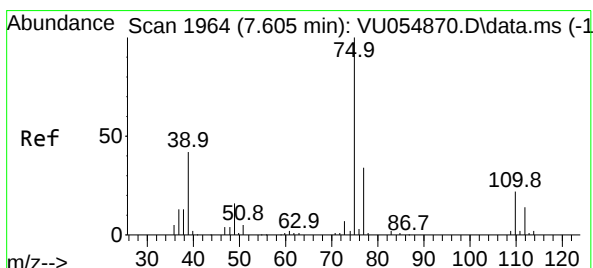
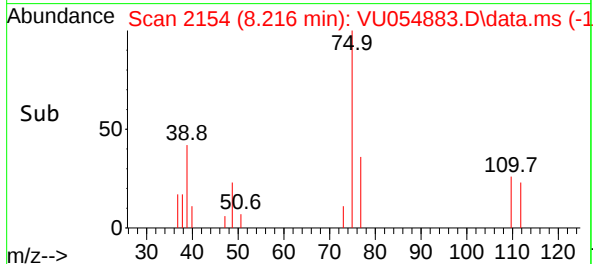
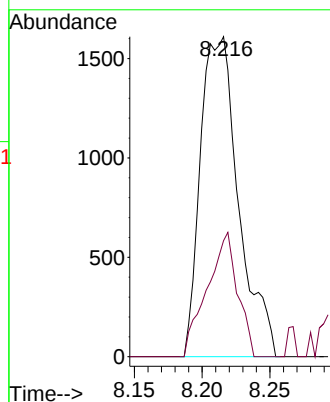
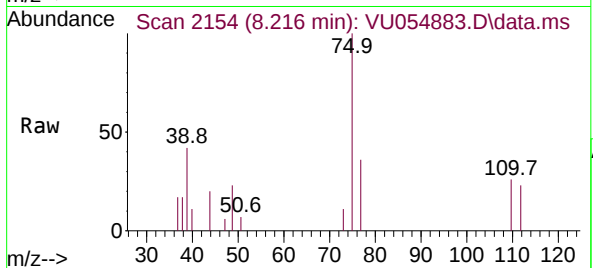




#50
 t-1,3-Dichloropropene
 Concen: 0.423 ug/l
 RT: 8.216 min Scan# 2151
 Delta R.T. 0.010 min
 Lab File: VU054883.D
 Acq: 26 Jul 2023 18:08

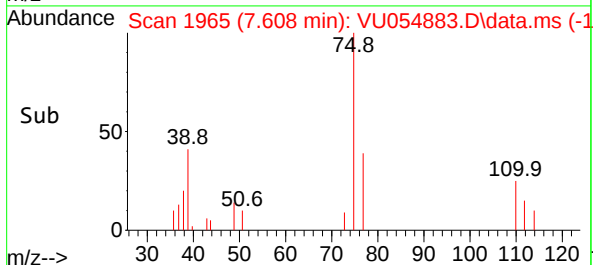
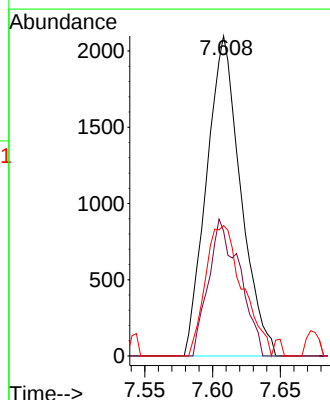
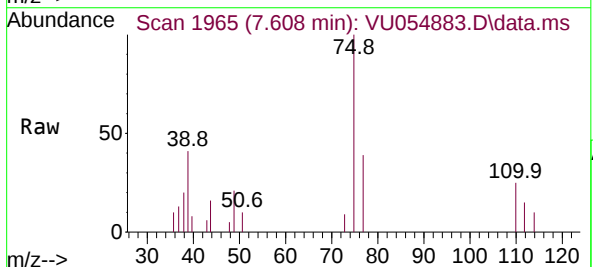
Instrument :
 MSVOA_U
 ClientSampleId :
 RL-CHECK

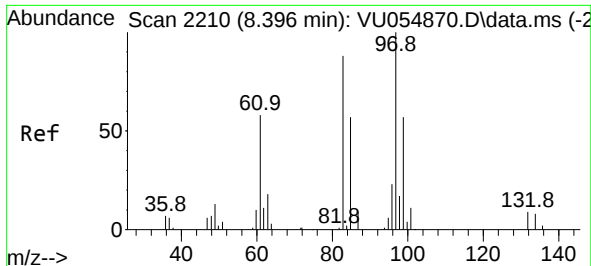
Tgt Ion: 75 Resp: 3148
 Ion Ratio Lower Upper
 75 100
 77 36.3 24.9 37.3



#51
 cis-1,3-Dichloropropene
 Concen: 0.400 ug/l
 RT: 7.608 min Scan# 1965
 Delta R.T. 0.003 min
 Lab File: VU054883.D
 Acq: 26 Jul 2023 18:08

Tgt Ion: 75 Resp: 3660
 Ion Ratio Lower Upper
 75 100
 77 39.1 25.8 38.8#
 39 49.1 31.7 47.5#

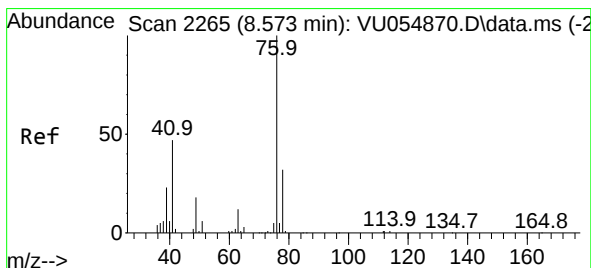
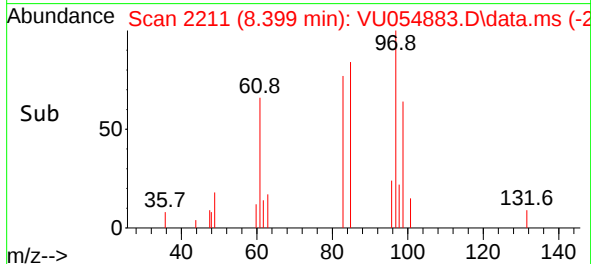
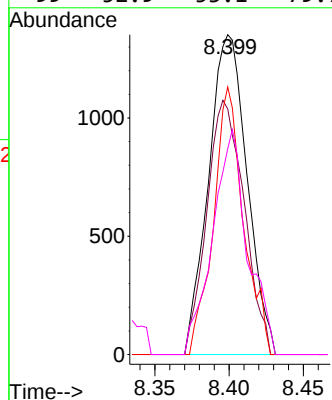
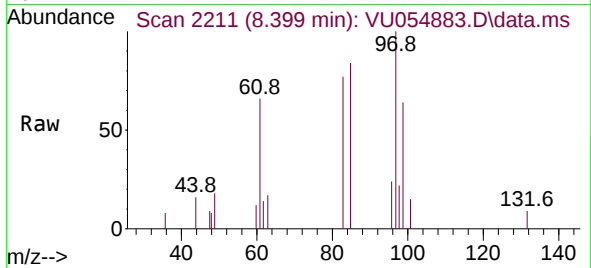




#52
1,1,2-Trichloroethane
Concen: 0.513 ug/l
RT: 8.399 min Scan# 2111
Delta R.T. 0.003 min
Lab File: VU054883.D
Acq: 26 Jul 2023 18:08

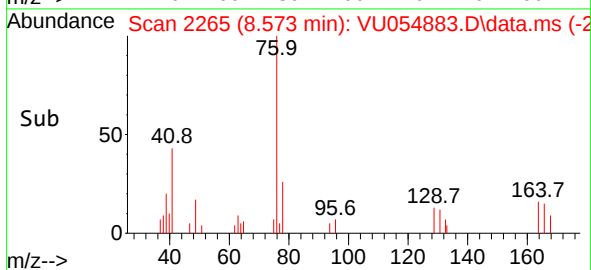
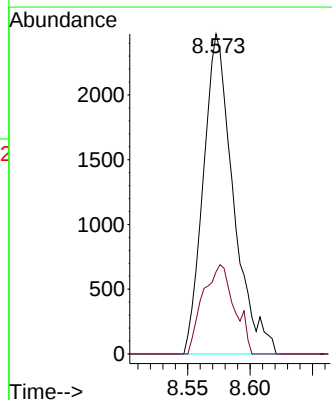
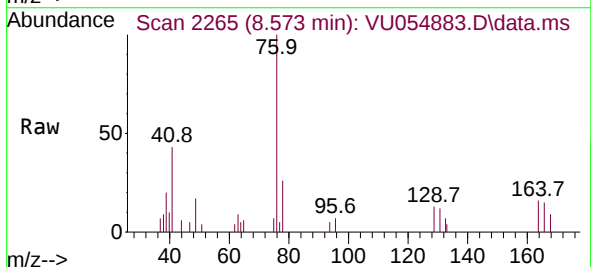
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK

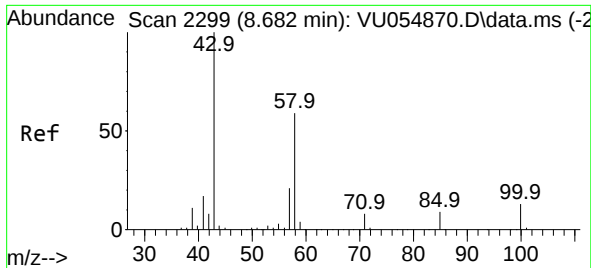
Tgt Ion: 97 Resp: 2444
Ion Ratio Lower Upper
97 100
83 63.1 77.4 116.2#
85 68.8 47.8 71.8
99 52.9 53.1 79.7#



#53
1,3-Dichloropropane
Concen: 0.536 ug/l
RT: 8.573 min Scan# 2265
Delta R.T. -0.000 min
Lab File: VU054883.D
Acq: 26 Jul 2023 18:08

Tgt Ion: 76 Resp: 4131
Ion Ratio Lower Upper
76 100
78 29.3 24.6 36.8

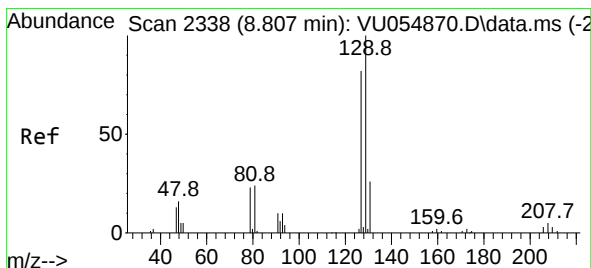
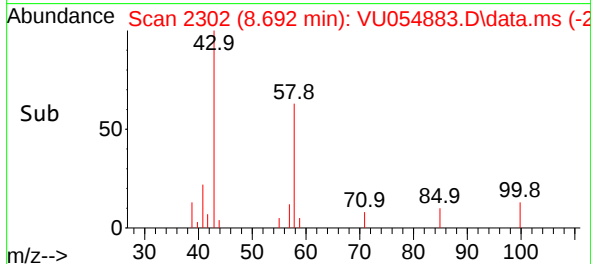
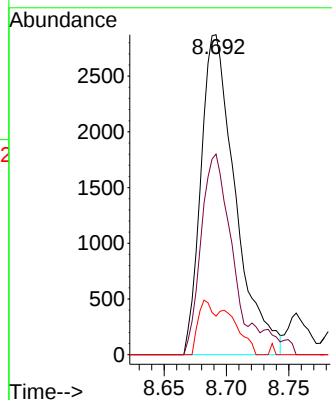
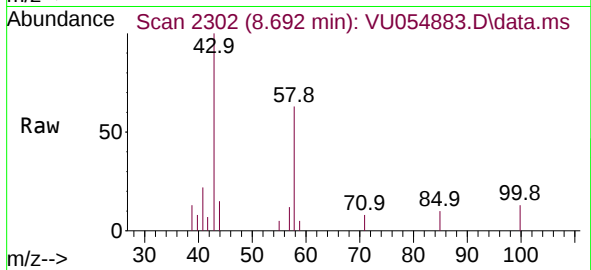




#54
2-Hexanone
Concen: 2.208 ug/l
RT: 8.692 min Scan# 21
Delta R.T. 0.010 min
Lab File: VU054883.D
Acq: 26 Jul 2023 18:08

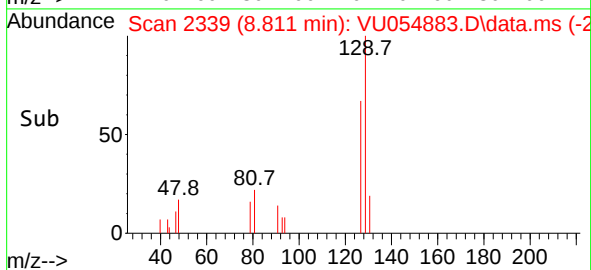
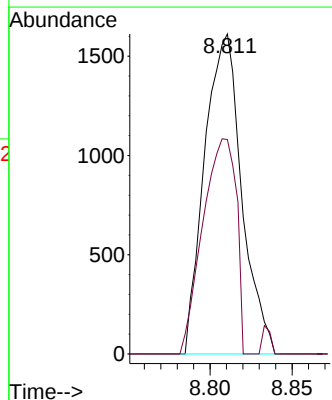
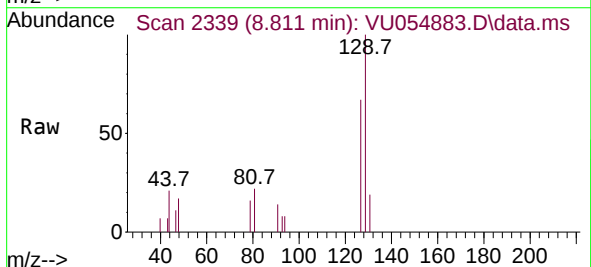
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK

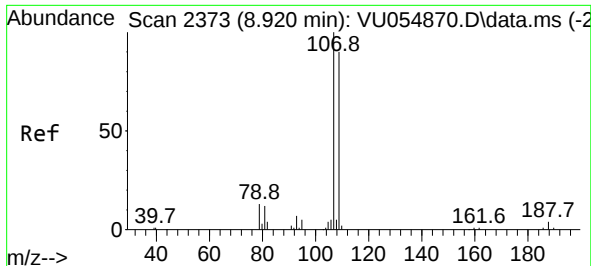
Tgt Ion: 43 Resp: 5506
Ion Ratio Lower Upper
43 100
58 60.8 38.9 78.9
57 8.1 0.0 38.7



#55
Dibromochloromethane
Concen: 0.464 ug/l
RT: 8.811 min Scan# 2339
Delta R.T. 0.003 min
Lab File: VU054883.D
Acq: 26 Jul 2023 18:08

Tgt Ion: 129 Resp: 2533
Ion Ratio Lower Upper
129 100
127 60.5 61.4 92.0#

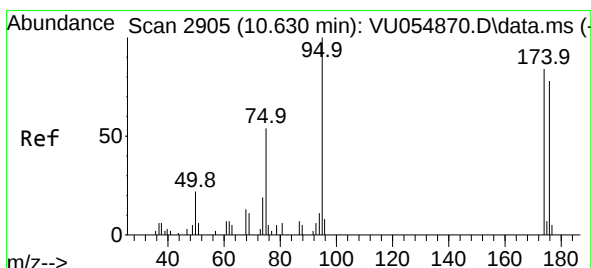
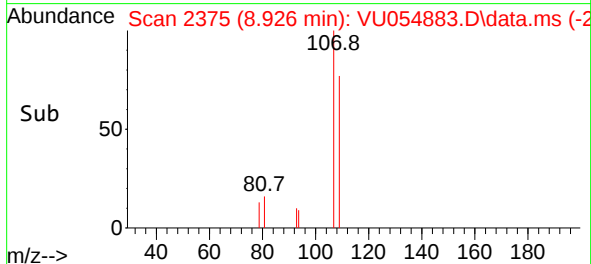
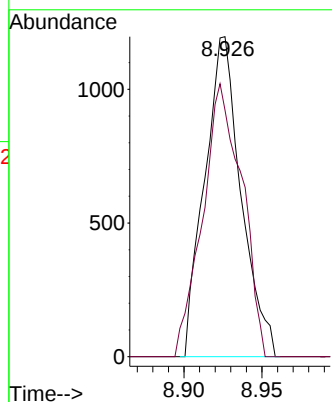
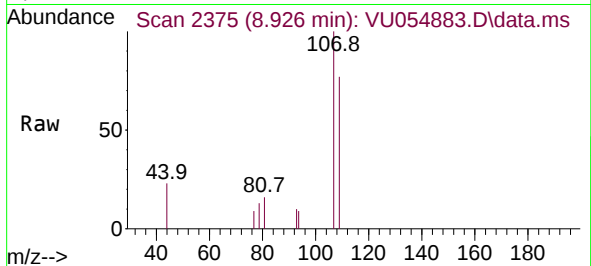




#56
1,2-Dibromoethane
Concen: 0.482 ug/l
RT: 8.926 min Scan# 21
Delta R.T. 0.006 min
Lab File: VU054883.D
Acq: 26 Jul 2023 18:08

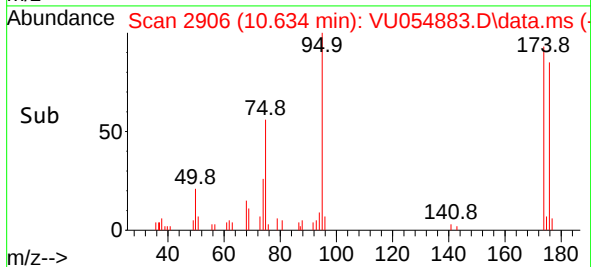
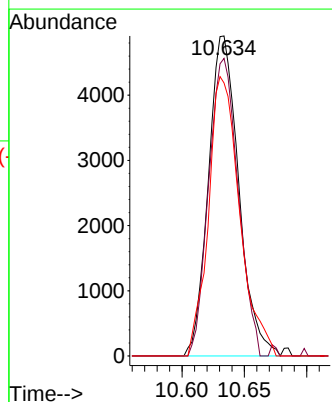
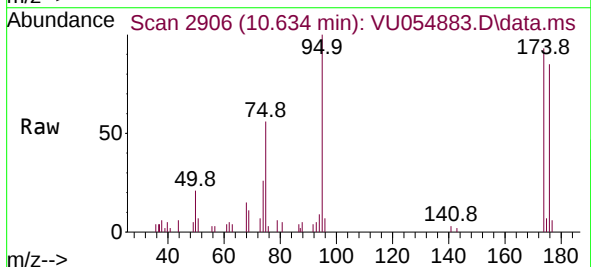
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK

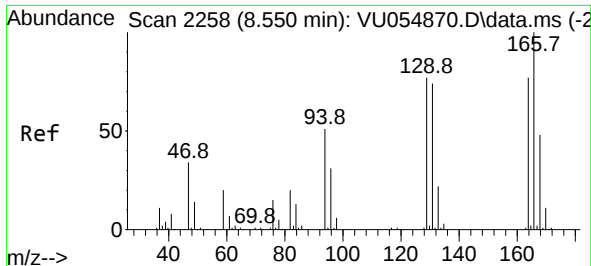
Tgt Ion:107 Resp: 1946
Ion Ratio Lower Upper
107 100
109 91.7 0.0 185.4



#57
4-Bromofluorobenzene
Concen: 1.092 ug/l
RT: 10.634 min Scan# 2906
Delta R.T. 0.003 min
Lab File: VU054883.D
Acq: 26 Jul 2023 18:08

Tgt Ion: 95 Resp: 8330
Ion Ratio Lower Upper
95 100
174 90.1 79.3 118.9
176 89.4 71.5 107.3



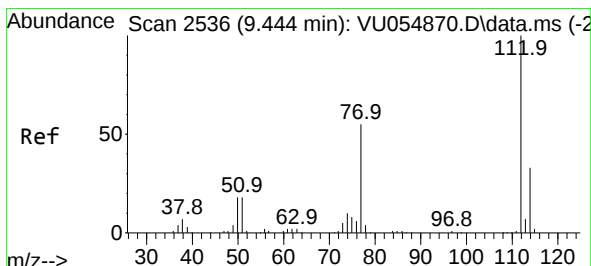
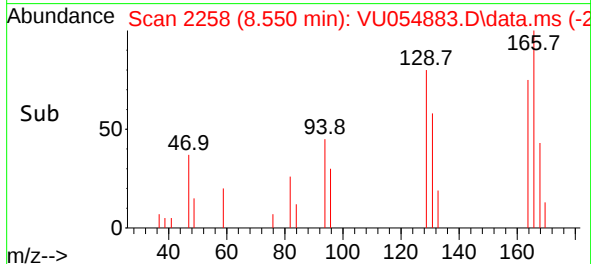
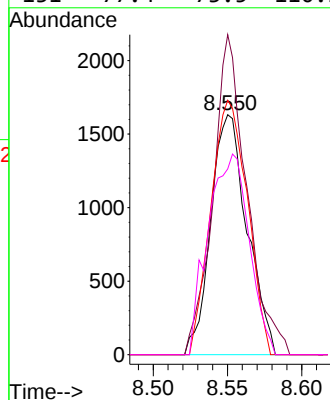
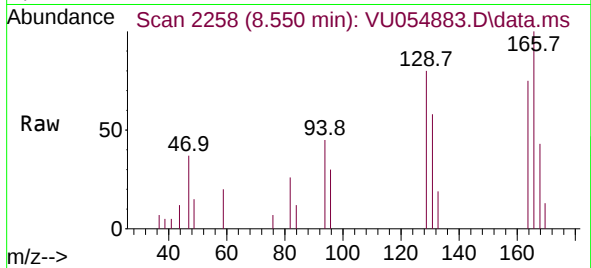


#58
Tetrachloroethene
Concen: 0.522 ug/l
RT: 8.550 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU054883.D
Acq: 26 Jul 2023 18:08

Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK

Tgt Ion:164 Resp: 2778

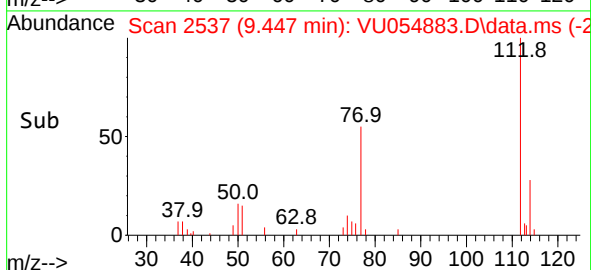
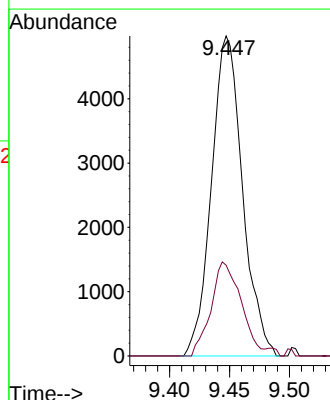
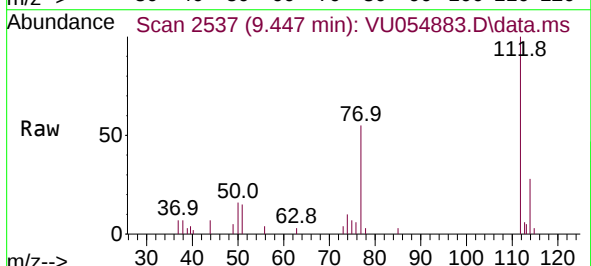
Ion	Ratio	Lower	Upper
164	100		
166	133.3	100.4	150.6
129	106.0	71.9	107.9
131	77.4	73.5	110.3

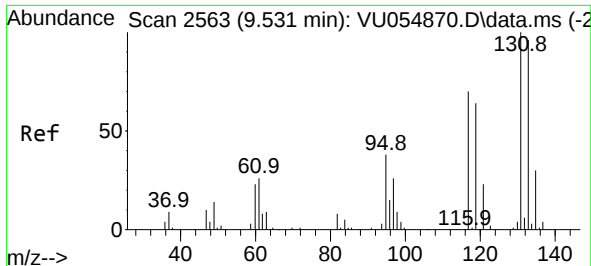


#59
Chlorobenzene
Concen: 0.511 ug/l
RT: 9.447 min Scan# 2537
Delta R.T. 0.003 min
Lab File: VU054883.D
Acq: 26 Jul 2023 18:08

Tgt Ion:112 Resp: 8952

Ion	Ratio	Lower	Upper
112	100		
114	26.7	25.0	37.6

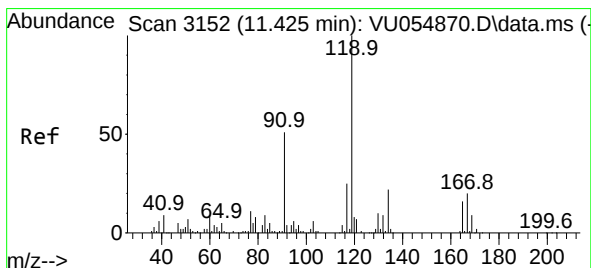
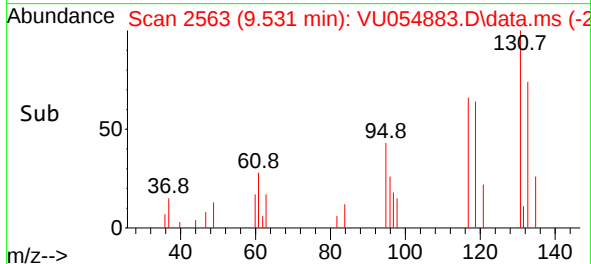
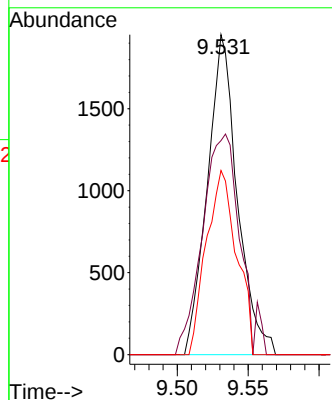
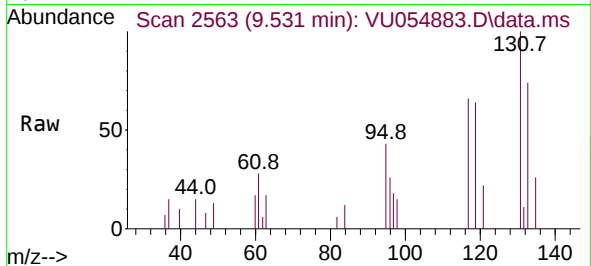




#60
1,1,1,2-Tetrachloroethane
Concen: 0.465 ug/l
RT: 9.531 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU054883.D
Acq: 26 Jul 2023 18:08

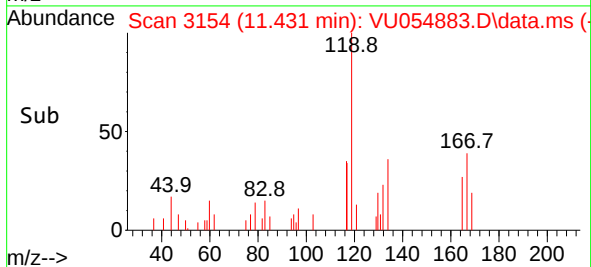
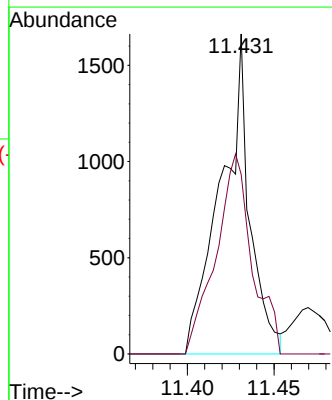
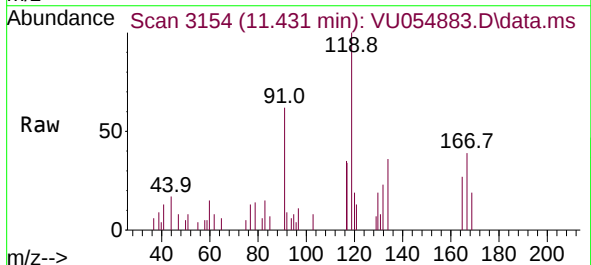
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK

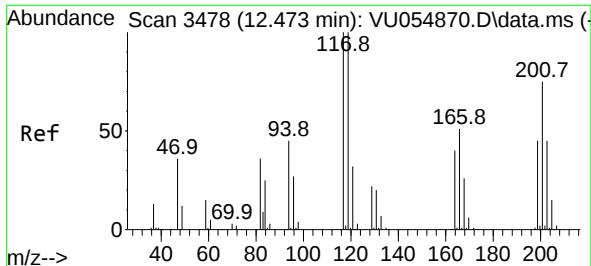
Tgt Ion:131 Resp: 2875
Ion Ratio Lower Upper
131 100
133 86.2 74.2 111.4
119 58.2 51.0 76.4



#61
Pentachloroethane
Concen: 0.398 ug/l
RT: 11.431 min Scan# 3154
Delta R.T. 0.006 min
Lab File: VU054883.D
Acq: 26 Jul 2023 18:08

Tgt Ion:117 Resp: 1921
Ion Ratio Lower Upper
117 100
167 78.5 65.3 97.9

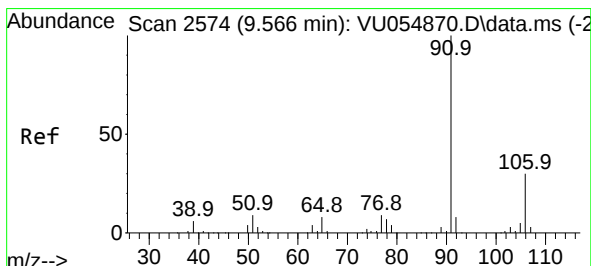
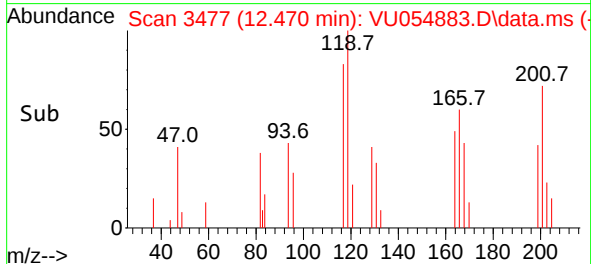
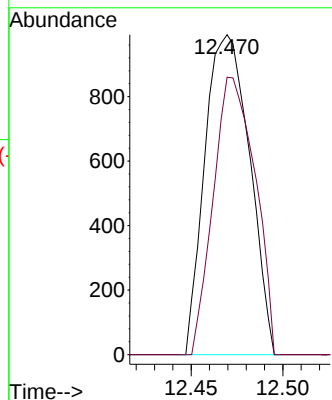
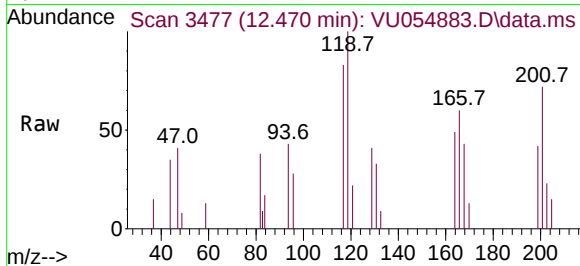




#62
Hexachloroethane
Concen: 0.338 ug/l
RT: 12.470 min Scan# 3478
Delta R.T. -0.003 min
Lab File: VU054883.D
Acq: 26 Jul 2023 18:08

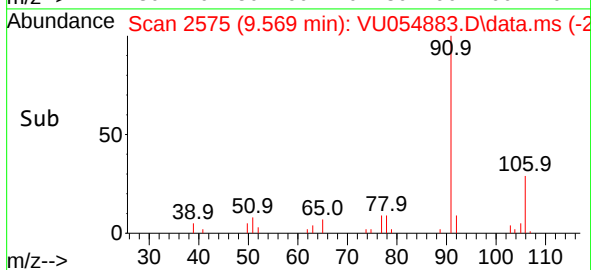
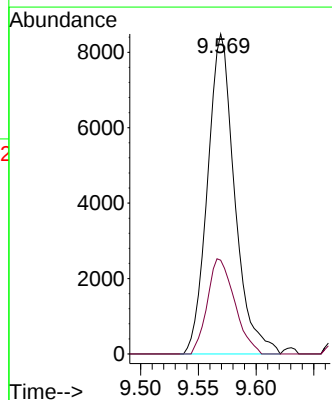
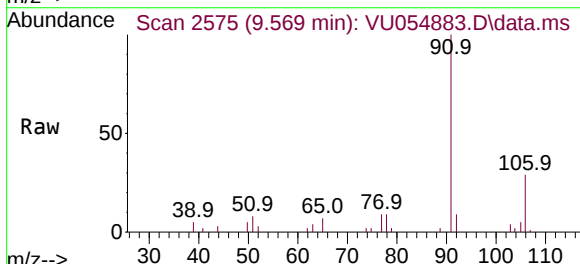
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK

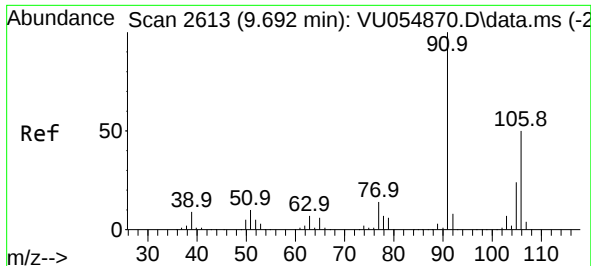
Tgt Ion:117 Resp: 1681
Ion Ratio Lower Upper
117 100
201 81.1 56.1 84.1



#63
Ethyl Benzene
Concen: 0.471 ug/l
RT: 9.569 min Scan# 2575
Delta R.T. 0.003 min
Lab File: VU054883.D
Acq: 26 Jul 2023 18:08

Tgt Ion: 91 Resp: 13836
Ion Ratio Lower Upper
91 100
106 29.3 24.2 36.2

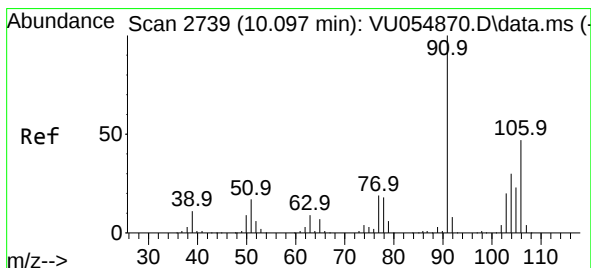
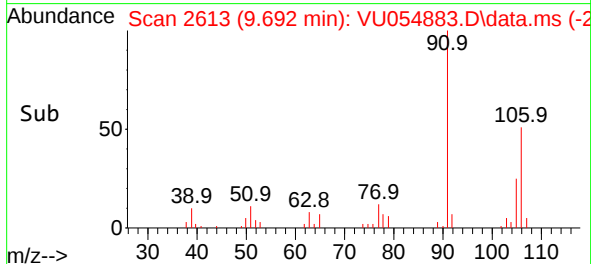
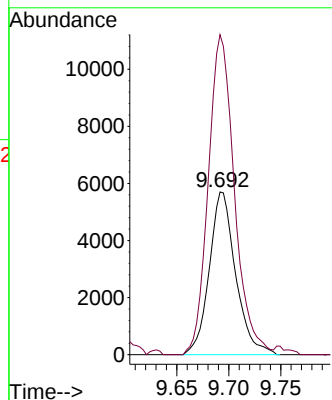
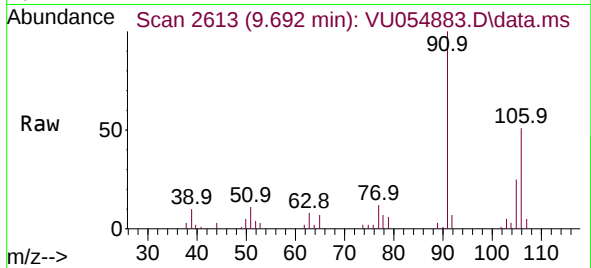




#64
m/p-Xylenes
Concen: 0.914 ug/l
RT: 9.692 min Scan# 2613
Delta R.T. -0.000 min
Lab File: VU054883.D
Acq: 26 Jul 2023 18:08

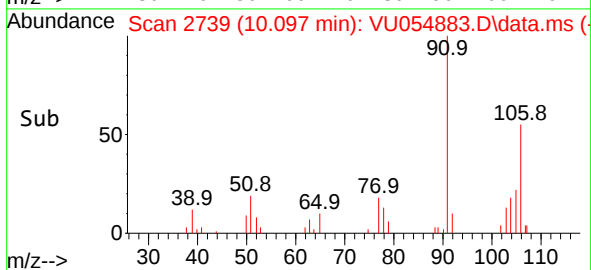
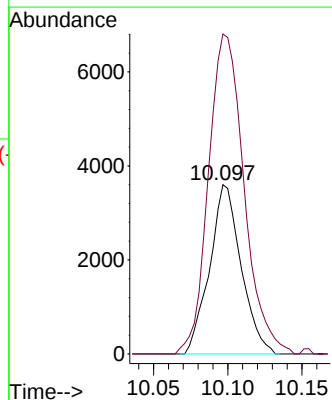
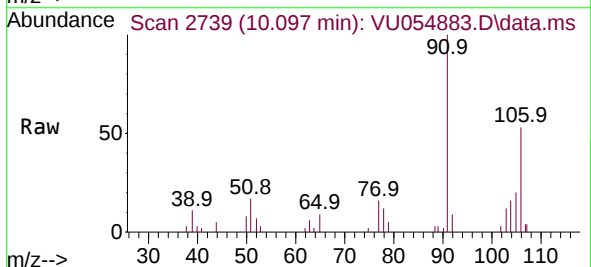
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK

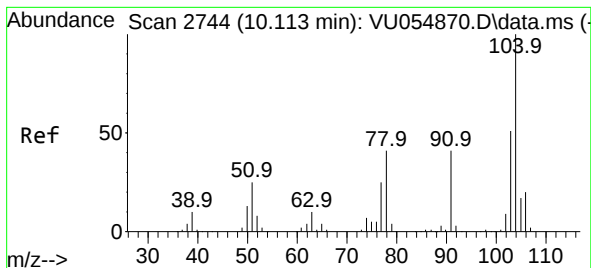
Tgt Ion:106 Resp: 10053
Ion Ratio Lower Upper
106 100
91 195.4 158.8 238.2



#65
o-Xylene
Concen: 0.470 ug/l
RT: 10.097 min Scan# 2739
Delta R.T. -0.000 min
Lab File: VU054883.D
Acq: 26 Jul 2023 18:08

Tgt Ion:106 Resp: 5308
Ion Ratio Lower Upper
106 100
91 213.7 108.9 326.8





#66

Styrene

Concen: 0.436 ug/l

RT: 10.116 min Scan# 2744

Delta R.T. 0.003 min

Lab File: VU054883.D

Acq: 26 Jul 2023 18:08

Instrument :

MSVOA_U

ClientSampleId :

RL-CHECK

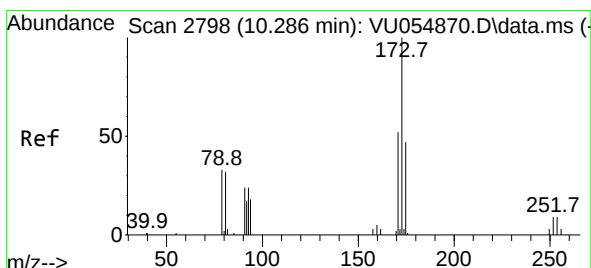
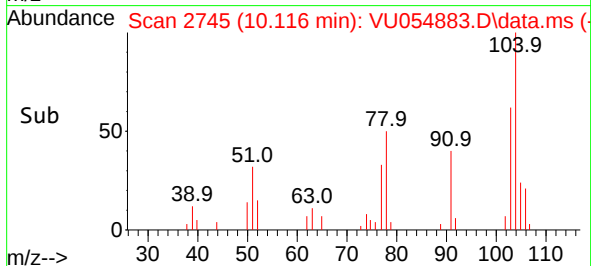
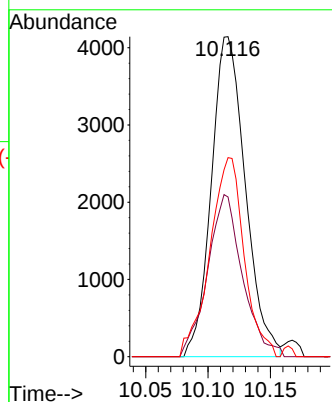
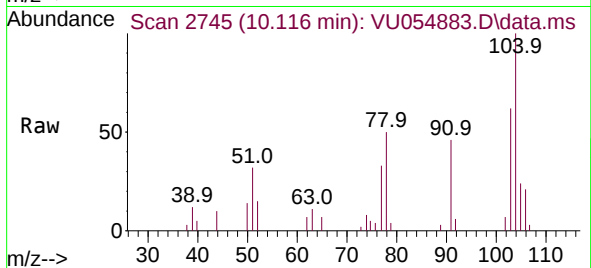
Tgt Ion:104 Resp: 7870

Ion Ratio Lower Upper

104 100

78 51.9 37.5 56.3

103 62.6 45.2 67.8



#67

Bromoform

Concen: 0.453 ug/l

RT: 10.286 min Scan# 2798

Delta R.T. -0.000 min

Lab File: VU054883.D

Acq: 26 Jul 2023 18:08

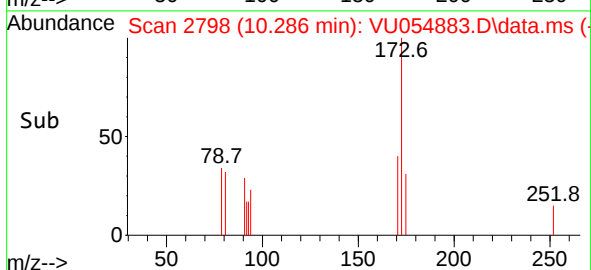
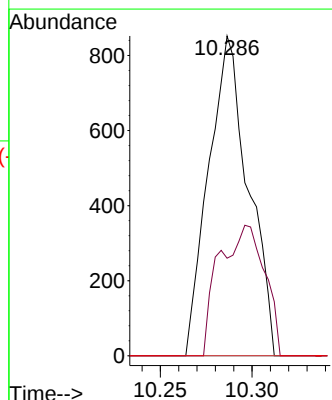
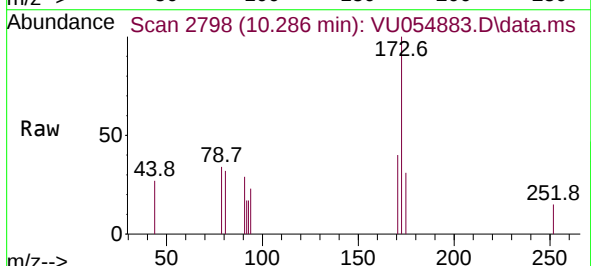
Tgt Ion:173 Resp: 1283

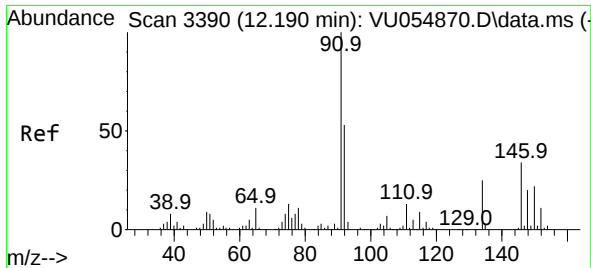
Ion Ratio Lower Upper

173 100

175 46.7 39.0 58.6

254 0.0 7.4 11.0#

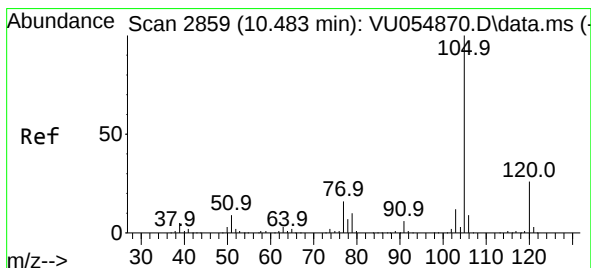
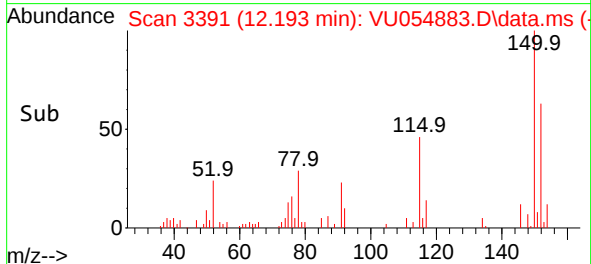
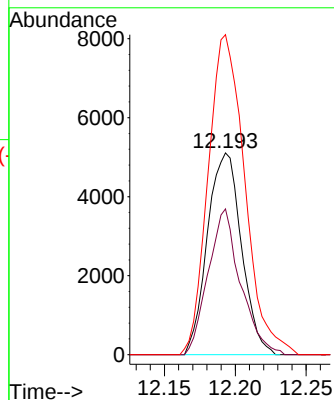
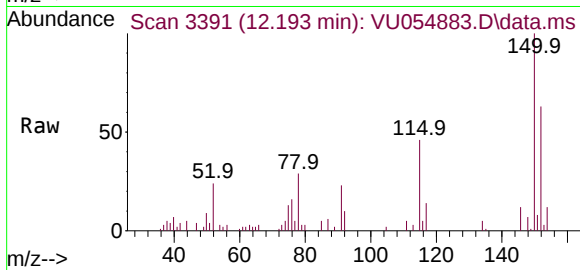




#68
 1,2-Dichlorobenzene-d4
 Concen: 0.990 ug/l
 RT: 12.193 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VU054883.D
 Acq: 26 Jul 2023 18:08

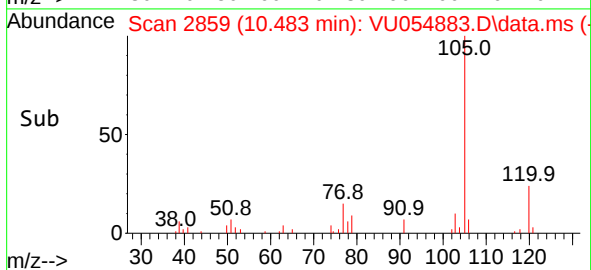
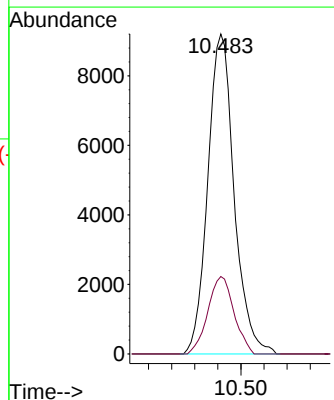
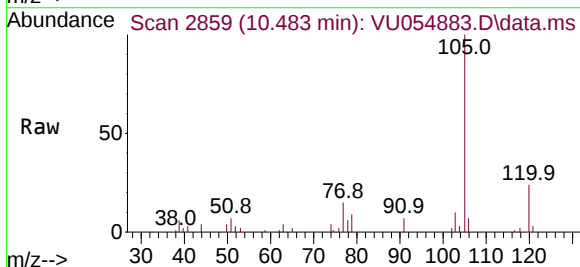
Instrument :
 MSVOA_U
 ClientSampleId :
 RL-CHECK

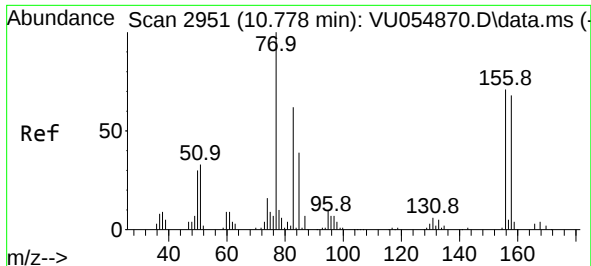
Tgt Ion:152 Resp: 8533
 Ion Ratio Lower Upper
 152 100
 115 68.6 0.0 234.8
 150 170.7 0.0 598.2



#69
 Isopropylbenzene
 Concen: 0.480 ug/l
 RT: 10.483 min Scan# 2859
 Delta R.T. -0.000 min
 Lab File: VU054883.D
 Acq: 26 Jul 2023 18:08

Tgt Ion:105 Resp: 14564
 Ion Ratio Lower Upper
 105 100
 120 23.9 12.6 37.6

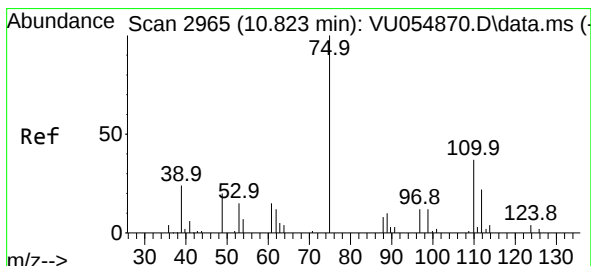
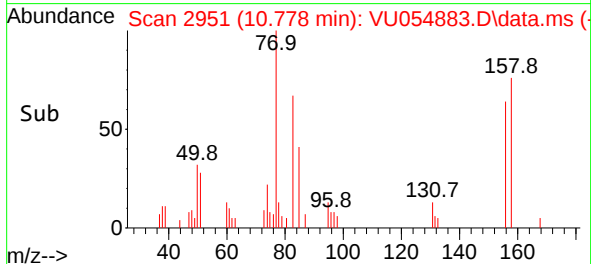
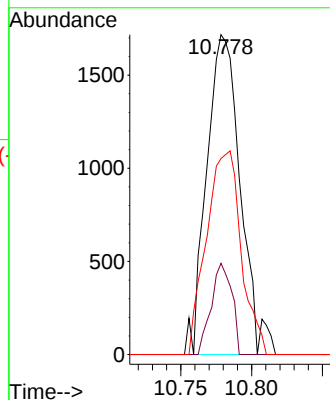
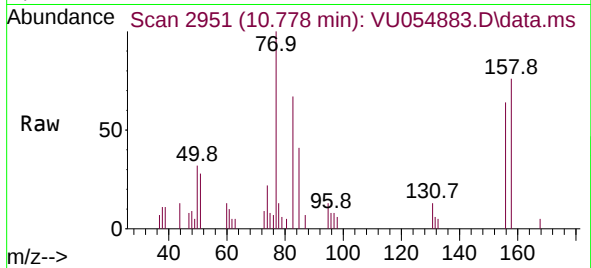




#70
1,1,2,2-Tetrachloroethane
Concen: 0.481 ug/l
RT: 10.778 min Scan# 2951
Delta R.T. -0.000 min
Lab File: VU054883.D
Acq: 26 Jul 2023 18:08

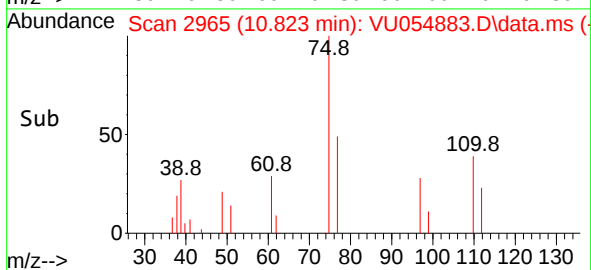
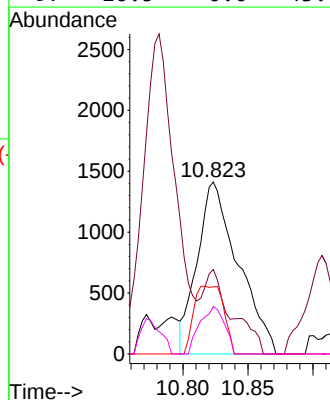
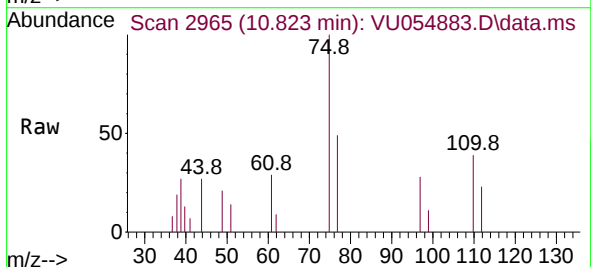
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK

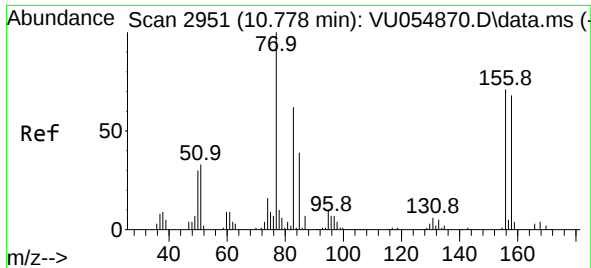
Tgt Ion: 83 Resp: 2840
Ion Ratio Lower Upper
83 100
131 17.4 7.5 11.3#
85 65.5 53.0 79.6



#71
1,2,3-Trichloropropane
Concen: 0.736 ug/l
RT: 10.823 min Scan# 2965
Delta R.T. -0.000 min
Lab File: VU054883.D
Acq: 26 Jul 2023 18:08

Tgt Ion: 75 Resp: 3096
Ion Ratio Lower Upper
75 100
77 35.4 0.0 0.0#
110 28.6 0.0 80.8
97 16.5 0.0 43.4

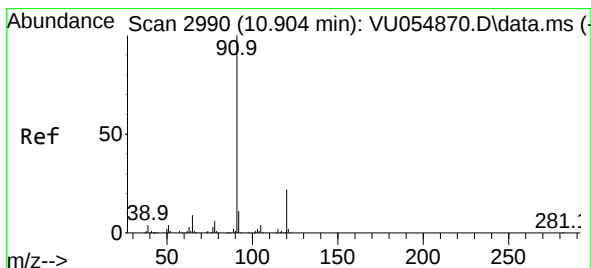
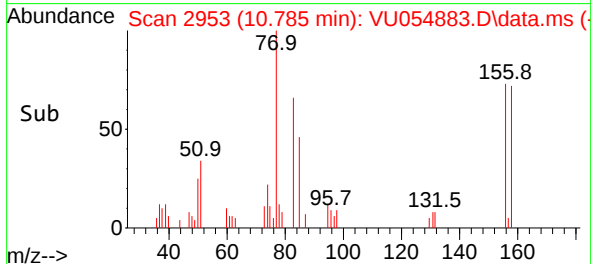
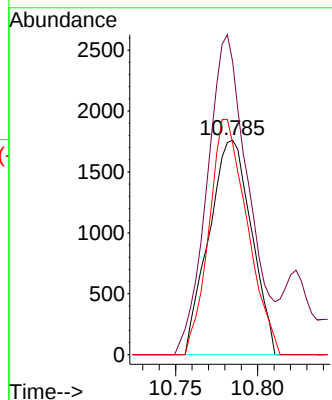
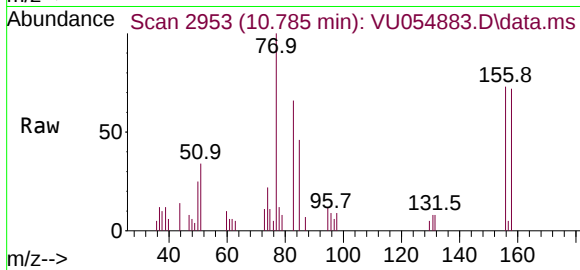




#72
Bromobenzene
Concen: 0.469 ug/l
RT: 10.785 min Scan# 2953
Delta R.T. 0.006 min
Lab File: VU054883.D
Acq: 26 Jul 2023 18:08

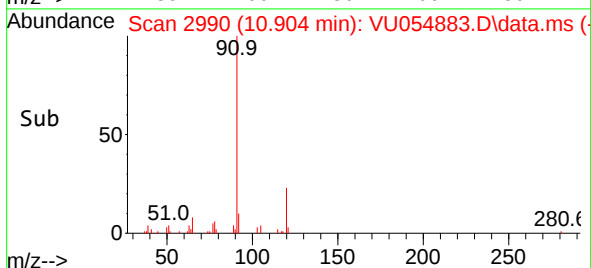
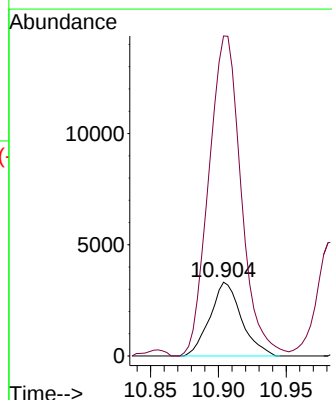
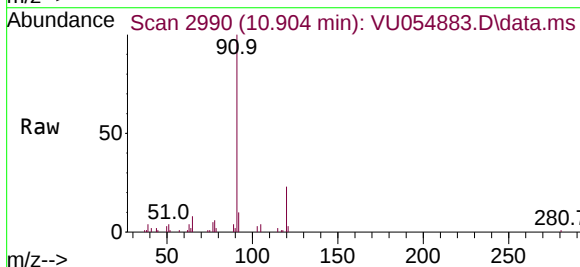
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK

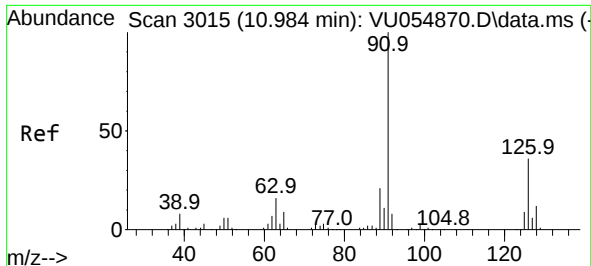
Tgt Ion:156 Resp: 3165
Ion Ratio Lower Upper
156 100
77 144.3 0.0 293.2
158 98.7 0.0 189.8



#73
n-propylbenzene
Concen: 0.660 ug/l
RT: 10.904 min Scan# 2990
Delta R.T. -0.000 min
Lab File: VU054883.D
Acq: 26 Jul 2023 18:08

Tgt Ion:120 Resp: 5353
Ion Ratio Lower Upper
120 100
91 447.1 361.8 542.6

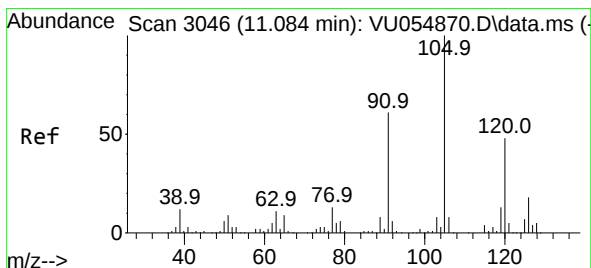
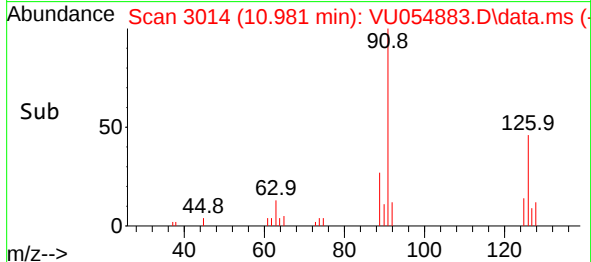
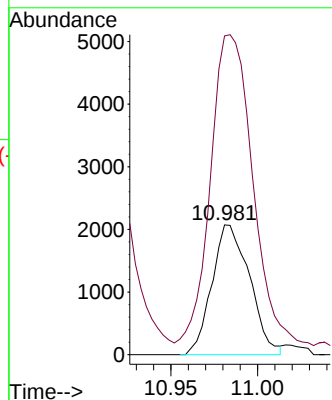
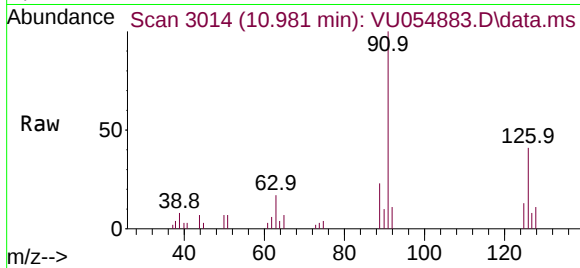




#74
2-Chlorotoluene
Concen: 0.446 ug/l
RT: 10.981 min Scan# 3015
Delta R.T. -0.003 min
Lab File: VU054883.D
Acq: 26 Jul 2023 18:08

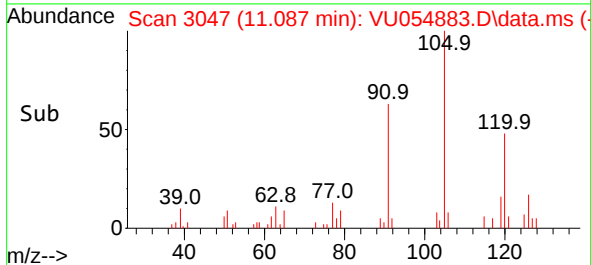
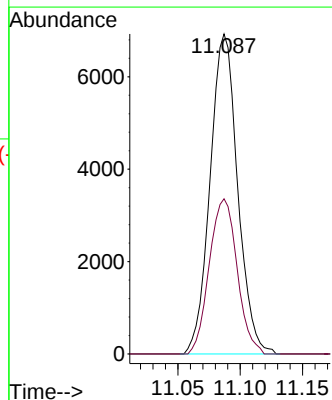
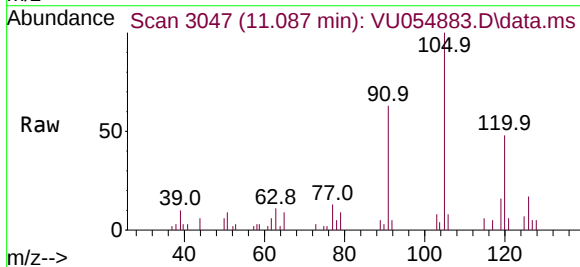
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK

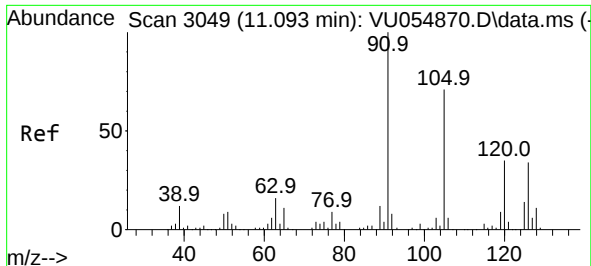
Tgt Ion:126 Resp: 3136
Ion Ratio Lower Upper
126 100
91 272.9 0.0 561.4



#75
1,3,5-Trimethylbenzene
Concen: 0.434 ug/l
RT: 11.087 min Scan# 3047
Delta R.T. 0.003 min
Lab File: VU054883.D
Acq: 26 Jul 2023 18:08

Tgt Ion:105 Resp: 10666
Ion Ratio Lower Upper
105 100
120 48.9 39.0 58.4

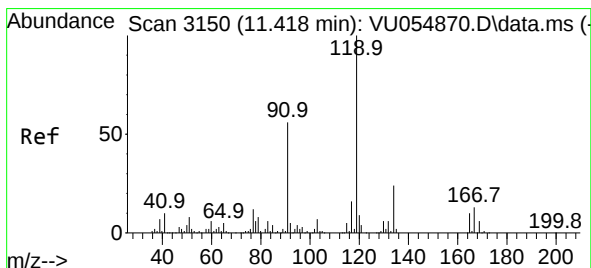
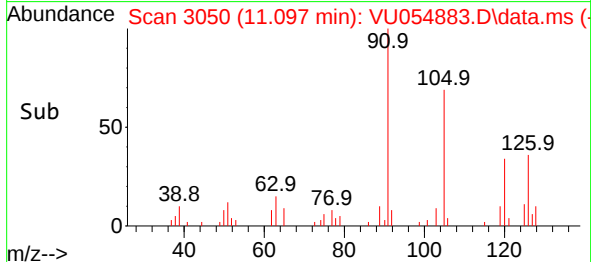
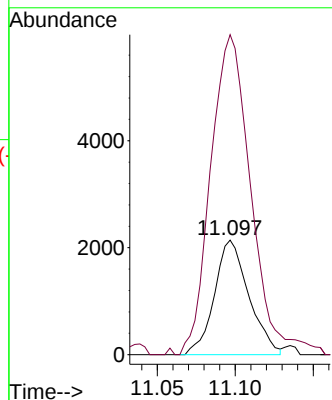
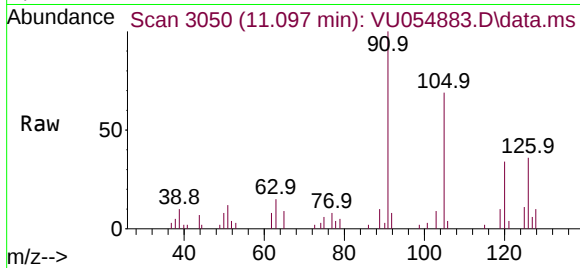




#76
4-Chlorotoluene
Concen: 0.451 ug/l
RT: 11.097 min Scan# 3049
Delta R.T. 0.003 min
Lab File: VU054883.D
Acq: 26 Jul 2023 18:08

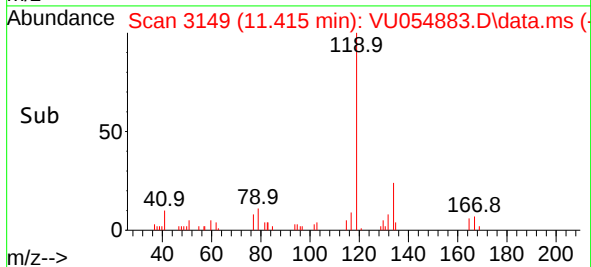
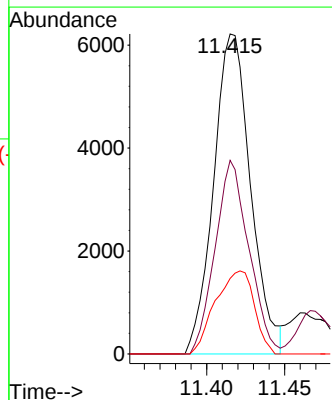
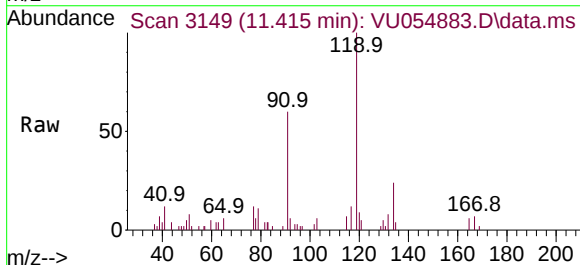
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK

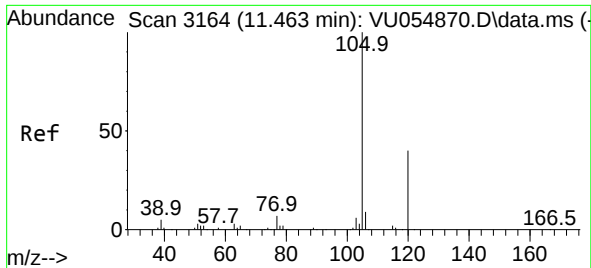
Tgt Ion:126 Resp: 3291
Ion Ratio Lower Upper
126 100
91 326.7 0.0 623.4



#77
tert-Butylbenzene
Concen: 0.402 ug/l
RT: 11.415 min Scan# 3149
Delta R.T. -0.003 min
Lab File: VU054883.D
Acq: 26 Jul 2023 18:08

Tgt Ion:119 Resp: 10254
Ion Ratio Lower Upper
119 100
91 55.3 27.7 83.1
134 27.2 18.6 27.8

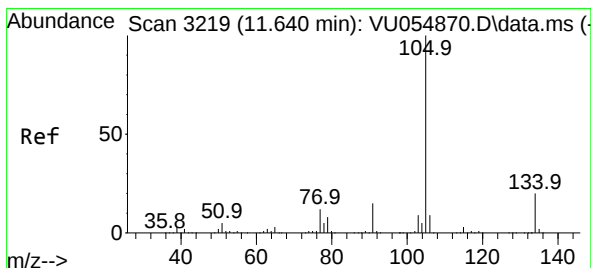
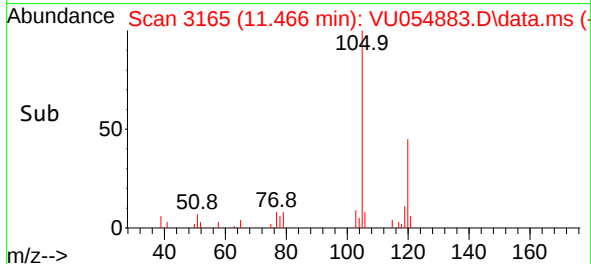
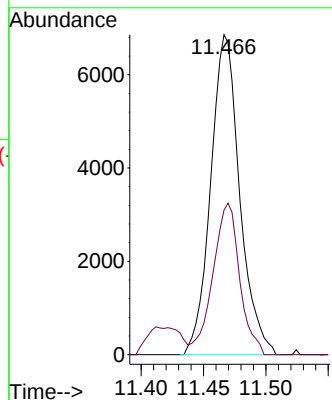
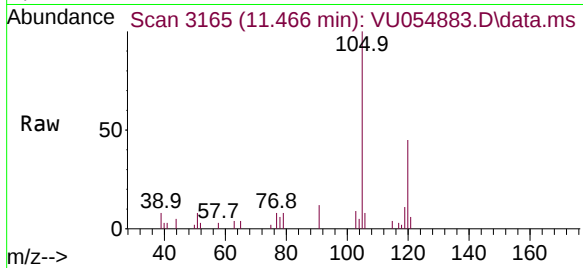




#78
1,2,4-Trimethylbenzene
Concen: 0.442 ug/l
RT: 11.466 min Scan# 3165
Delta R.T. 0.003 min
Lab File: VU054883.D
Acq: 26 Jul 2023 18:08

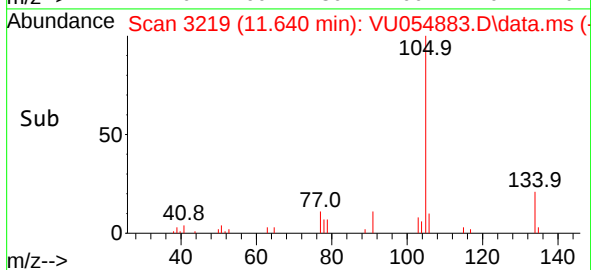
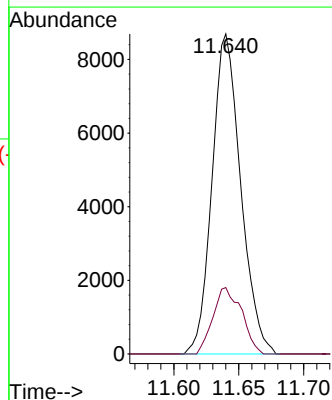
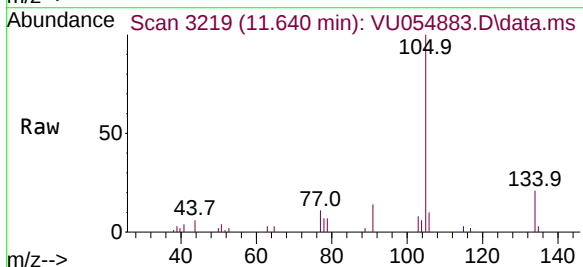
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK

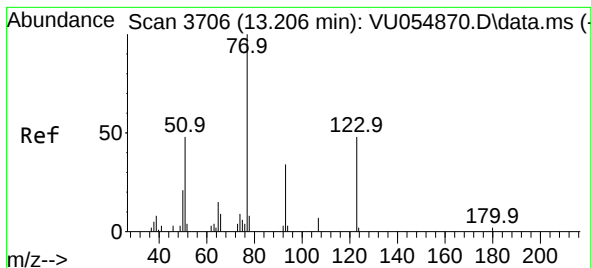
Tgt Ion:105 Resp: 11110
Ion Ratio Lower Upper
105 100
120 43.7 22.4 67.3



#79
sec-Butylbenzene
Concen: 0.401 ug/l
RT: 11.640 min Scan# 3219
Delta R.T. -0.000 min
Lab File: VU054883.D
Acq: 26 Jul 2023 18:08

Tgt Ion:105 Resp: 13310
Ion Ratio Lower Upper
105 100
134 20.7 15.7 23.5





#80

Nitrobenzene

Concen: 1.483 ug/l

RT: 13.225 min Scan# 31

Delta R.T. 0.019 min

Lab File: VU054883.D

Acq: 26 Jul 2023 18:08

Instrument :

MSVOA_U

ClientSampleId :

RL-CHECK

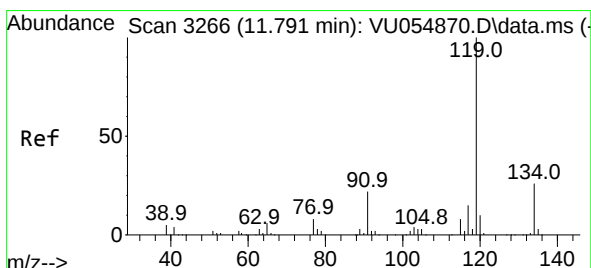
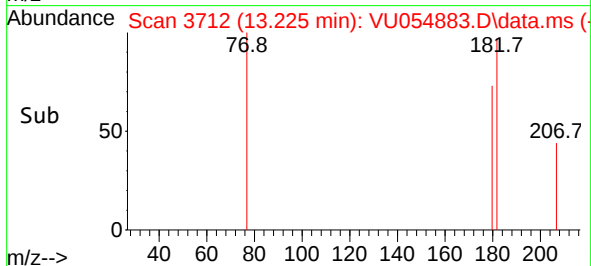
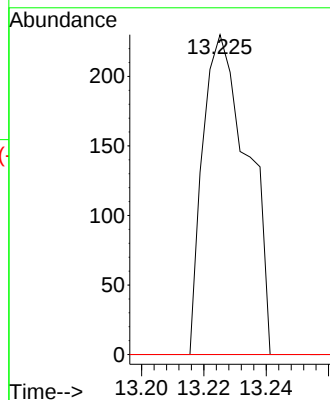
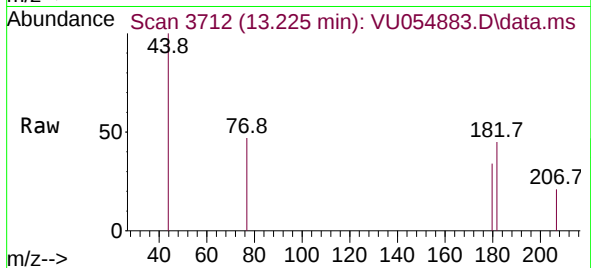
Tgt Ion: 77 Resp: 230

Ion Ratio Lower Upper

77 100

123 0.0 20.2 71.8#

65 0.0 11.7 14.9#



#81

p-Isopropyltoluene

Concen: 0.384 ug/l

RT: 11.791 min Scan# 3266

Delta R.T. -0.000 min

Lab File: VU054883.D

Acq: 26 Jul 2023 18:08

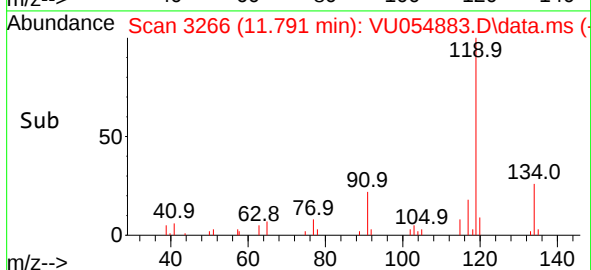
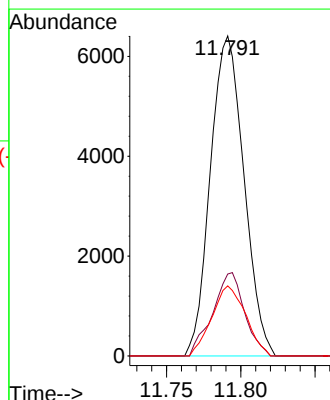
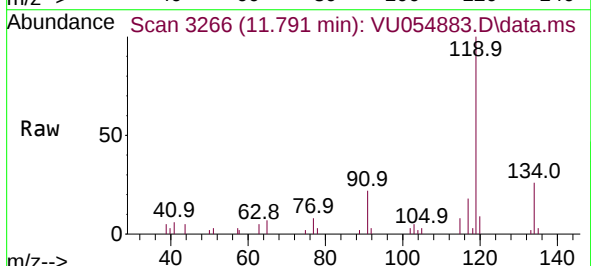
Tgt Ion: 119 Resp: 10070

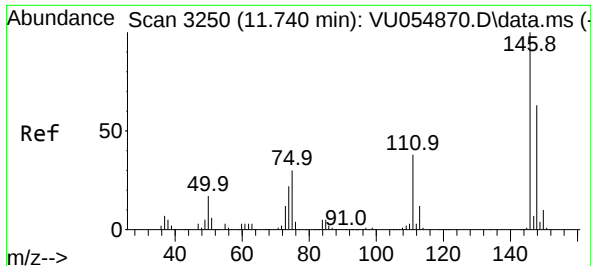
Ion Ratio Lower Upper

119 100

134 24.8 20.6 31.0

91 22.1 18.2 27.4





#82

1,3-Dichlorobenzene

Concen: 0.513 ug/l

RT: 11.746 min Scan# 31

Delta R.T. 0.006 min

Lab File: VU054883.D

Acq: 26 Jul 2023 18:08

Instrument :

MSVOA_U

ClientSampleId :

RL-CHECK

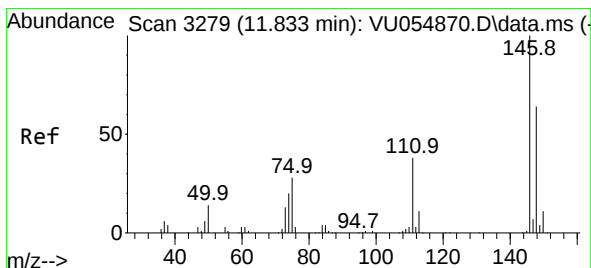
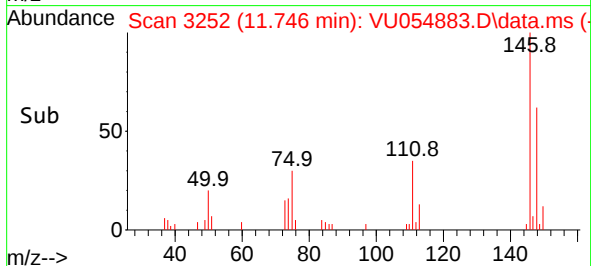
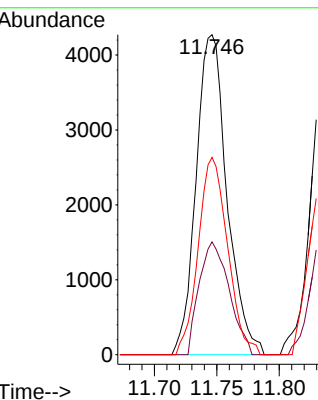
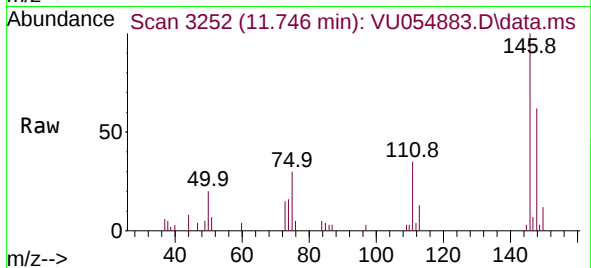
Tgt Ion:146 Resp: 7376

Ion Ratio Lower Upper

146 100

111 34.3 30.5 45.7

148 58.7 51.0 76.6



#83

1,4-Dichlorobenzene

Concen: 0.492 ug/l

RT: 11.836 min Scan# 3280

Delta R.T. 0.003 min

Lab File: VU054883.D

Acq: 26 Jul 2023 18:08

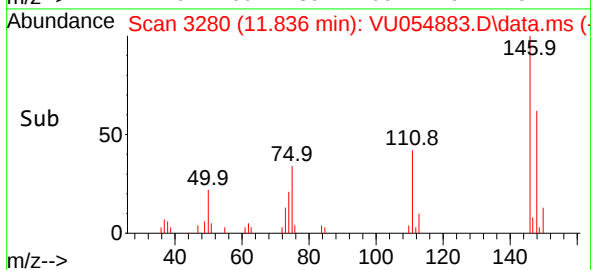
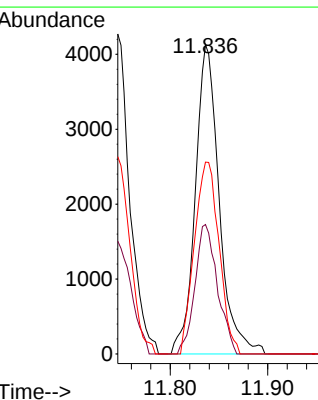
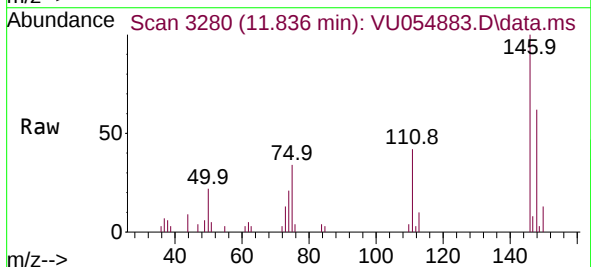
Tgt Ion:146 Resp: 7044

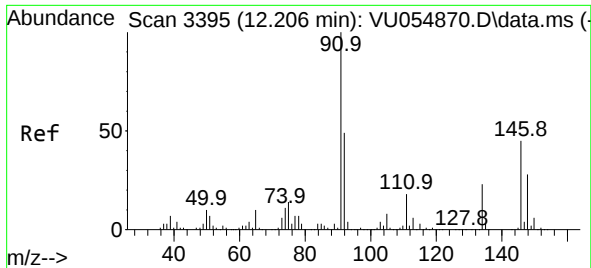
Ion Ratio Lower Upper

146 100

111 39.4 29.5 44.3

148 63.9 51.2 76.8

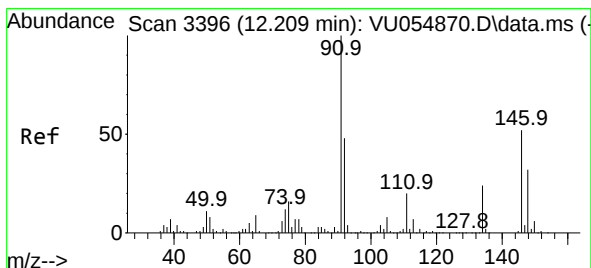
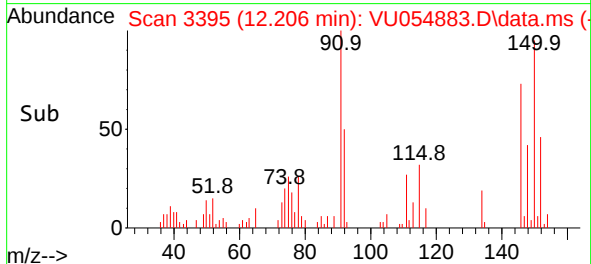
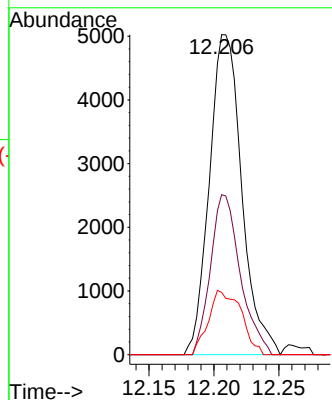
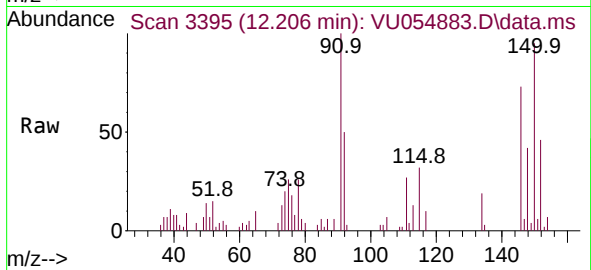




#84
n-Butylbenzene
Concen: 0.371 ug/l
RT: 12.206 min Scan# 3395
Delta R.T. -0.000 min
Lab File: VU054883.D
Acq: 26 Jul 2023 18:08

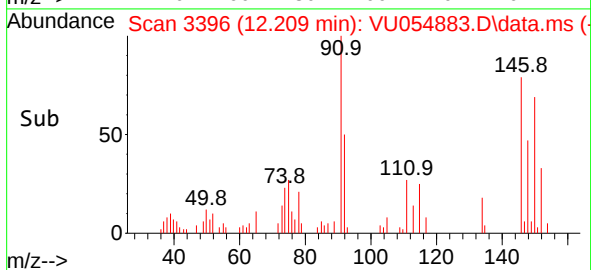
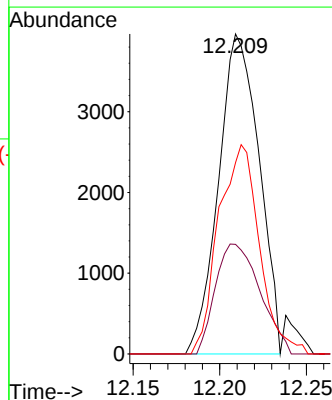
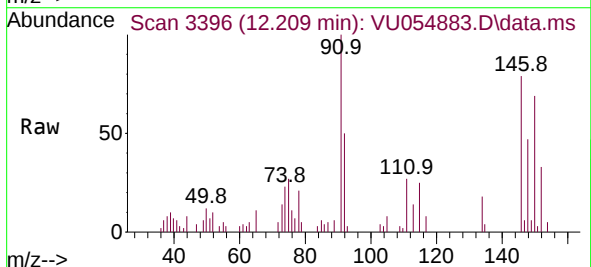
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK

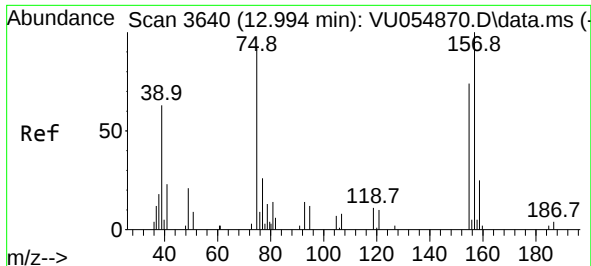
Tgt Ion: 91 Resp: 8718
Ion Ratio Lower Upper
91 100
92 45.9 39.8 59.8
134 20.2 20.2 30.4#



#85
1,2-Dichlorobenzene
Concen: 0.468 ug/l
RT: 12.209 min Scan# 3396
Delta R.T. -0.000 min
Lab File: VU054883.D
Acq: 26 Jul 2023 18:08

Tgt Ion:146 Resp: 6445
Ion Ratio Lower Upper
146 100
111 37.8 19.8 59.4
148 65.8 31.8 95.3

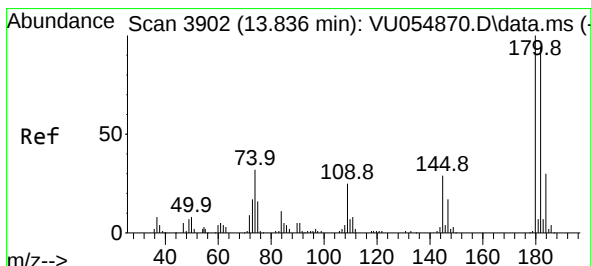
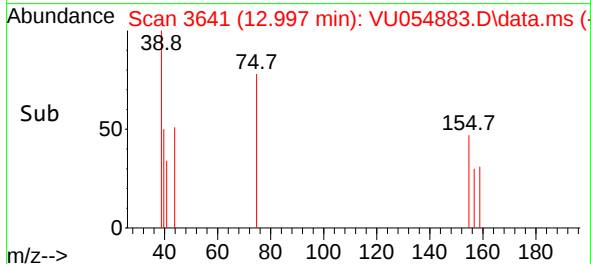
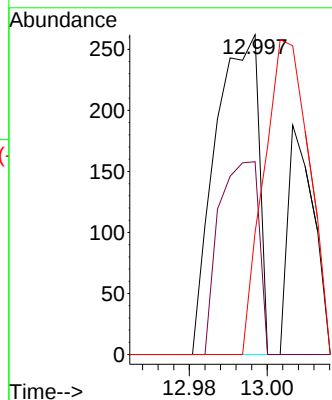
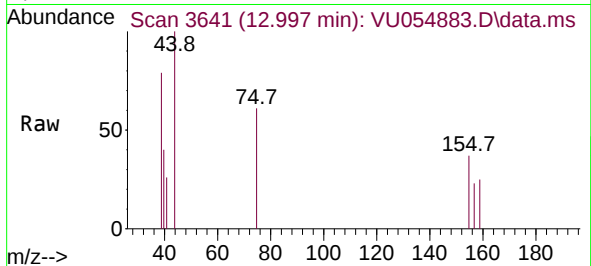




#86
 1,2-Dibromo-3-Chloropropane
 Concen: 0.257 ug/l
 RT: 12.997 min Scan# 3641
 Delta R.T. 0.003 min
 Lab File: VU054883.D
 Acq: 26 Jul 2023 18:08

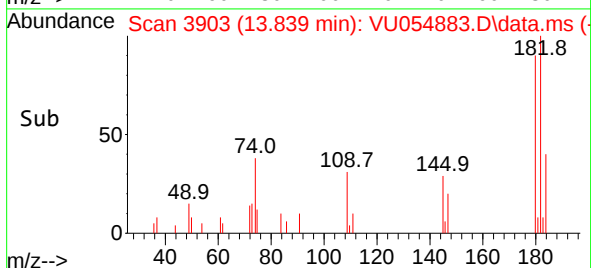
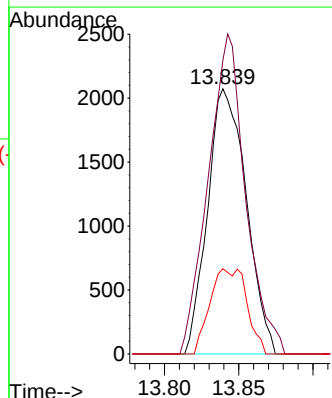
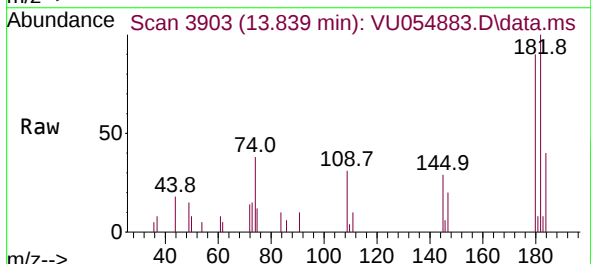
Instrument :
 MSVOA_U
 ClientSampleId :
 RL-CHECK

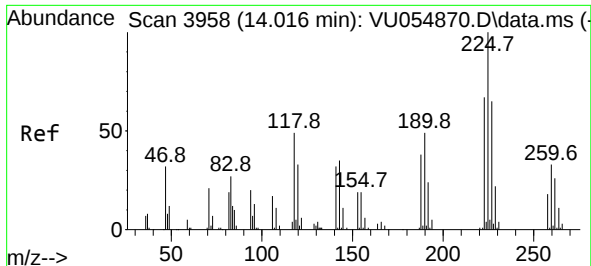
Tgt Ion: 75 Resp: 202
 Ion Ratio Lower Upper
 75 100
 155 55.4 74.8 112.2#
 157 0.0 97.4 146.0#



#87
 1,2,4-Trichlorobenzene
 Concen: 0.427 ug/l
 RT: 13.839 min Scan# 3903
 Delta R.T. 0.003 min
 Lab File: VU054883.D
 Acq: 26 Jul 2023 18:08

Tgt Ion: 180 Resp: 3755
 Ion Ratio Lower Upper
 180 100
 182 116.4 77.0 115.6#
 145 30.6 23.4 35.0

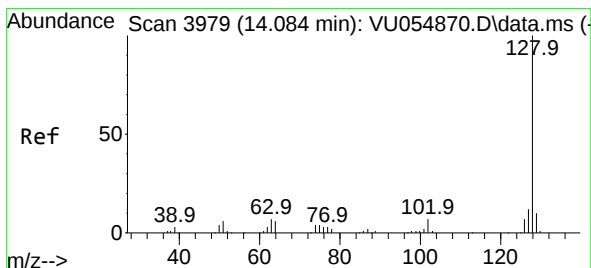
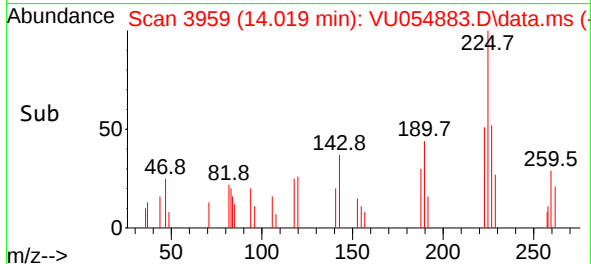
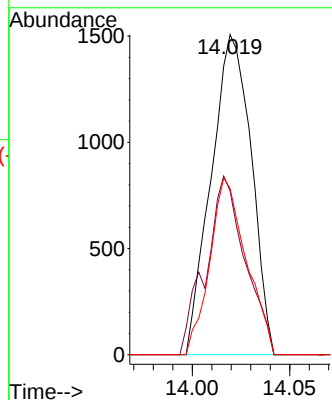
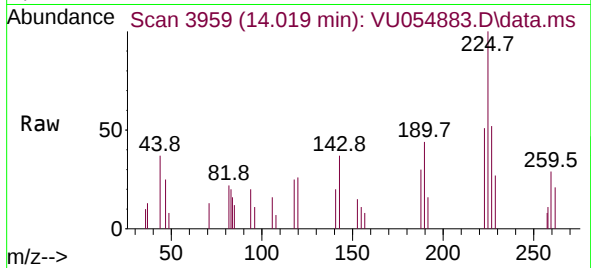




#88
Hexachlorobutadiene
Concen: 0.460 ug/l
RT: 14.019 min Scan# 3958
Delta R.T. 0.003 min
Lab File: VU054883.D
Acq: 26 Jul 2023 18:08

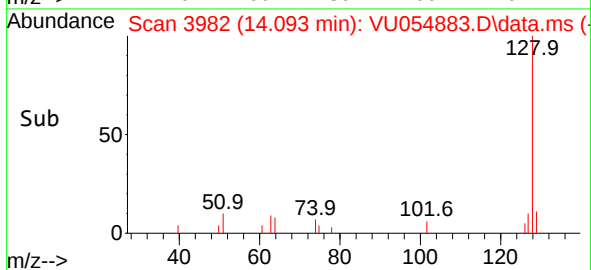
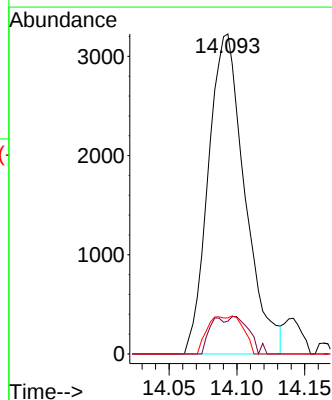
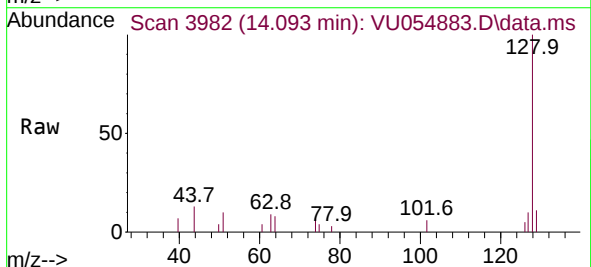
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK

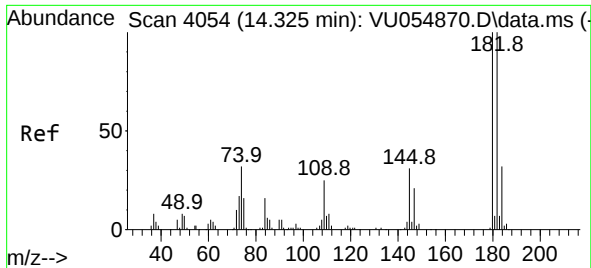
Tgt Ion:225 Resp: 2154
Ion Ratio Lower Upper
225 100
223 54.7 50.6 76.0
227 50.2 50.7 76.1#



#89
Naphthalene
Concen: 0.443 ug/l
RT: 14.093 min Scan# 3982
Delta R.T. 0.010 min
Lab File: VU054883.D
Acq: 26 Jul 2023 18:08

Tgt Ion:128 Resp: 6031
Ion Ratio Lower Upper
128 100
127 4.8 10.6 15.8#
129 5.8 8.7 13.1#





#90

1,2,3-Trichlorobenzene

Concen: 0.426 ug/l

RT: 14.328 min Scan# 4055

Delta R.T. 0.003 min

Lab File: VU054883.D

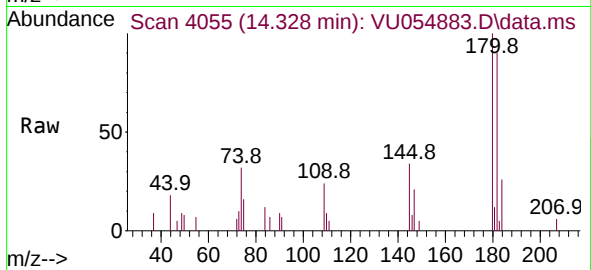
Acq: 26 Jul 2023 18:08

Instrument :

MSVOA_U

ClientSampleId :

RL-CHECK



Tgt Ion:180 Resp: 3319

Ion Ratio Lower Upper

180 100

182 95.6 76.0 114.0

145 31.5 24.3 36.5

