

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072723\
 Data File : VU054898.D
 Acq On : 27 Jul 2023 16:53
 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 05:46:17 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	6.116	96	26667	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.630	95	8275	1.024	ug/l	0.00
Spiked Amount 1.000			Recovery	=	102.000%	
68) 1,2-Dichlorobenzene-d4	12.193	152	8989	0.984	ug/l	0.00
Spiked Amount 1.000			Recovery	=	98.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	1786	0.352	ug/l	98
3) Chloromethane	1.515	50	2761	0.484	ug/l	98
4) Vinyl Chloride	1.599	62	3808	0.500	ug/l	90
5) Bromomethane	1.849	94	3211	0.531	ug/l	83
6) Chloroethane	1.930	64	2955	0.375	ug/l	96
7) Trichlorofluoromethane	2.136	101	7037	0.393	ug/l	98
8) 1,1,2-Trichloro-1,2,2-...	2.573	101	2561	0.442	ug/l	95
9) 1,1-Dichloroethene	2.576	96	2302	0.500	ug/l	96
10) Iodomethane	2.721	142	2422	0.337	ug/l	95
11) Allyl Chloride	2.923	41	2447	0.445	ug/l	95
12) Acrylonitrile	3.335	53	768	0.665	ug/l #	77
13) Acetone	2.653	43	2763	2.288	ug/l #	86
14) Carbon Disulfide	2.788	76	3477	0.436	ug/l #	90
15) Methylene Chloride	3.036	84	5358	0.865	ug/l	90
16) trans-1,2-Dichloroethene	3.351	96	2513	0.501	ug/l	89
17) 1,1-Dichloroethane	3.865	63	4936	0.440	ug/l	97
19) Cyclohexane	5.386	56	2751	0.436	ug/l	91
20) Methylcyclohexane	6.759	83	3406	0.404	ug/l #	78
21) 2,2-Dichloropropane	4.663	77	4174	0.402	ug/l	95
22) cis-1,2-Dichloroethene	4.672	96	2902	0.436	ug/l	88
23) Diethyl Ether	2.374	59	3418	0.503	ug/l	94
24) tert-Butyl Alcohol	3.242	59	324	0.513	ug/l #	92
25) Methyl tert-Butyl Ether	3.367	73	6800	0.477	ug/l	95
26) Bromochloromethane	4.971	128	1327	0.486	ug/l	89
27) Chloroform	5.087	83	5310	0.441	ug/l	96
28) 1,1,1-Trichloroethane	5.316	97	4610	0.443	ug/l	95
29) 1,1-Dichloropropene	5.528	75	3556	0.464	ug/l	89
30) Carbon Tetrachloride	5.525	117	3282	0.378	ug/l	96
31) Isopropyl Ether	3.991	45	7192	0.435	ug/l	89
32) Ethyl-t-butyl ether	4.502	59	6669	0.391	ug/l #	73
33) Tert-Amyl methyl ether	5.939	73	8107	0.503	ug/l #	94
34) Propionitrile	4.804	54	186	0.443	ug/l #	35
35) Benzene	5.775	78	10243	0.426	ug/l	94
36) 1,2-Dichloroethane	5.791	62	3119	0.456	ug/l #	83
37) Trichloroethene	6.547	130	3024	0.468	ug/l	99
38) 1,2-Dichloropropane	6.795	63	2952	0.435	ug/l #	87
39) Methacrylonitrile	4.997	41	756	0.449	ug/l #	45
42) 1-Chlorobutane	5.457	56	4393	0.437	ug/l	97
43) Dibromomethane	6.920	93	1521	0.477	ug/l	94
44) Bromodichloromethane	7.103	83	4011	0.451	ug/l #	94
45) 4-Methyl-2-Pentanone	7.791	43	8514	2.288	ug/l	95
46) t-1,4-Dichloro-2-butene	10.827	75	2960	1.977	ug/l #	50
47) Methyl methacrylate	6.971	69	2713	0.931	ug/l #	87

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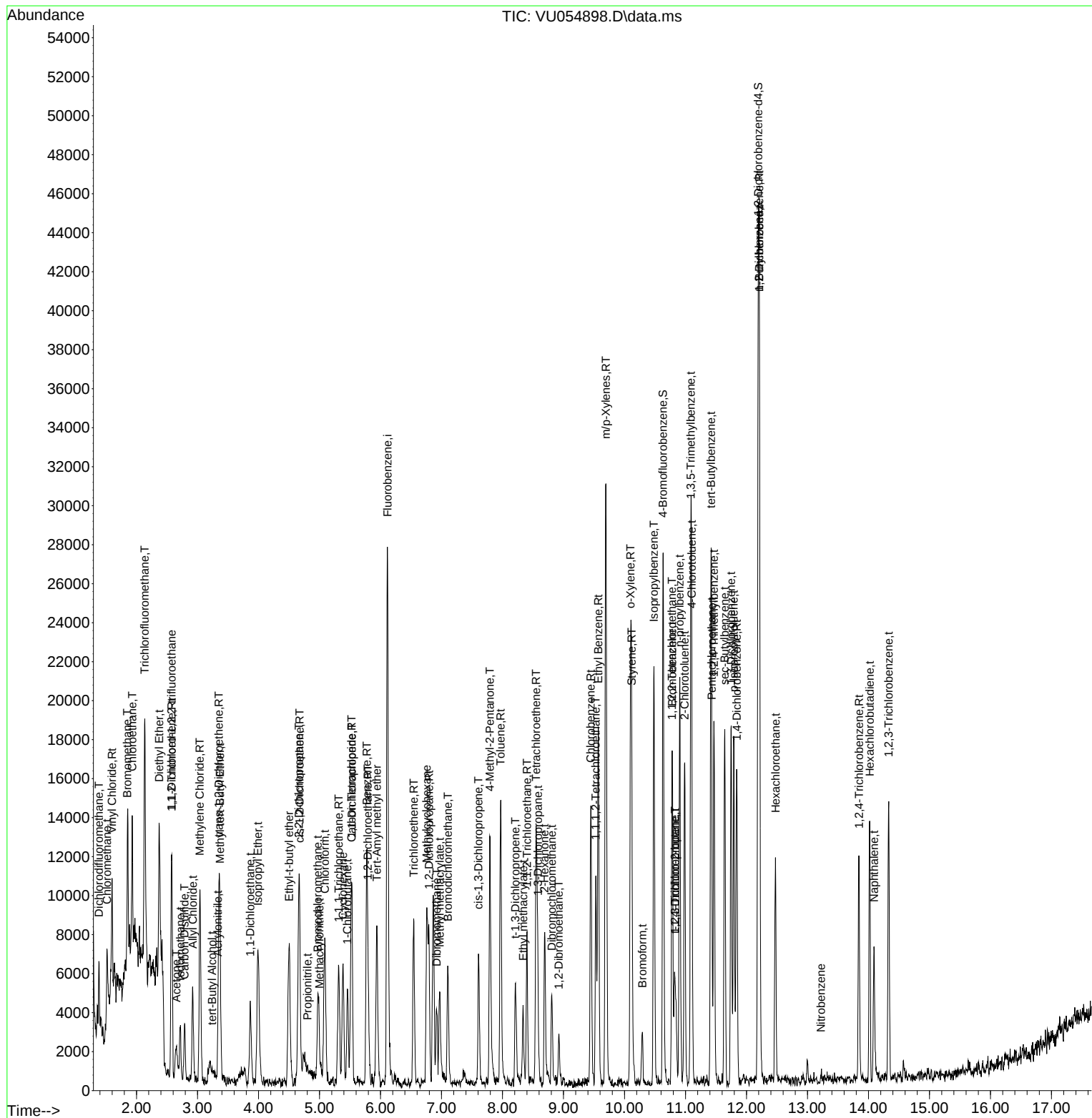
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
48) Ethyl methacrylate	8.338	69	2171	0.368	ug/l	80
49) Toluene	7.968	92	6621	0.433	ug/l	97
50) t-1,3-Dichloropropene	8.213	75	3010	0.382	ug/l	100
51) cis-1,3-Dichloropropene	7.605	75	4384	0.452	ug/l	95
52) 1,1,2-Trichloroethane	8.402	97	2307	0.456	ug/l #	62
53) 1,3-Dichloropropane	8.579	76	3739	0.457	ug/l	99
54) 2-Hexanone	8.688	43	5185	1.961	ug/l	96
55) Dibromochloromethane	8.807	129	2617	0.452	ug/l	95
56) 1,2-Dibromoethane	8.923	107	2035	0.475	ug/l	100
58) Tetrachloroethene	8.550	164	2478	0.439	ug/l	96
59) Chlorobenzene	9.447	112	8393	0.452	ug/l	90
60) 1,1,1,2-Tetrachloroethane	9.528	131	1523	0.232	ug/l #	50
61) Pentachloroethane	11.431	117	2145	0.419	ug/l	88
62) Hexachloroethane	12.476	117	1912	0.363	ug/l	89
63) Ethyl Benzene	9.573	91	13464	0.432	ug/l	90
64) m/p-Xylenes	9.695	106	10891	0.934	ug/l	86
65) o-Xylene	10.100	106	5067	0.423	ug/l	99
66) Styrene	10.119	104	7973	0.416	ug/l	98
67) Bromoform	10.293	173	1357	0.452	ug/l #	63
69) Isopropylbenzene	10.483	105	13796	0.429	ug/l	98
70) 1,1,2,2-Tetrachloroethane	10.778	83	2763	0.442	ug/l #	96
71) 1,2,3-Trichloropropane	10.827	75	2960	0.664	ug/l #	81
72) Bromobenzene	10.782	156	3449	0.482	ug/l	97
73) n-propylbenzene	10.904	120	3573	0.415	ug/l	100
74) 2-Chlorotoluene	10.984	126	3408	0.458	ug/l	98
75) 1,3,5-Trimethylbenzene	11.087	105	11633	0.447	ug/l	96
76) 4-Chlorotoluene	11.103	126	3627	0.469	ug/l	92
77) tert-Butylbenzene	11.418	119	11502	0.425	ug/l	99
78) 1,2,4-Trimethylbenzene	11.466	105	10598	0.398	ug/l	100
79) sec-Butylbenzene	11.643	105	13933	0.396	ug/l	97
80) Nitrobenzene	13.219	77	66	0.401	ug/l #	39
81) p-Isopropyltoluene	11.791	119	10428	0.375	ug/l	96
82) 1,3-Dichlorobenzene	11.746	146	7527	0.494	ug/l	98
83) 1,4-Dichlorobenzene	11.843	146	7762	0.511	ug/l	94
84) n-Butylbenzene	12.209	91	9531	0.382	ug/l	96
85) 1,2-Dichlorobenzene	12.209	146	6621	0.453	ug/l	95
87) 1,2,4-Trichlorobenzene	13.846	180	3772	0.405	ug/l	97
88) Hexachlorobutadiene	14.019	225	2171	0.437	ug/l	89
89) Naphthalene	14.090	128	6825	0.473	ug/l #	97
90) 1,2,3-Trichlorobenzene	14.331	180	4763	0.576	ug/l	95

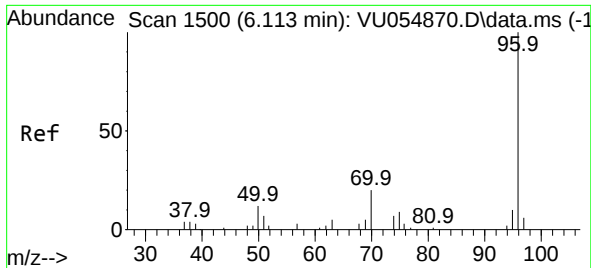
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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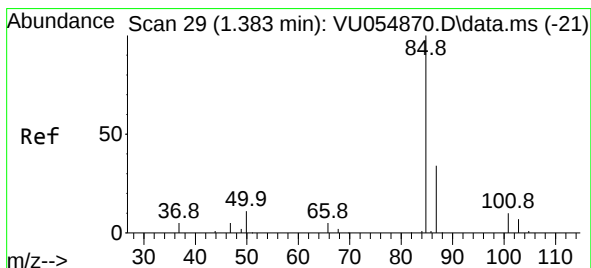
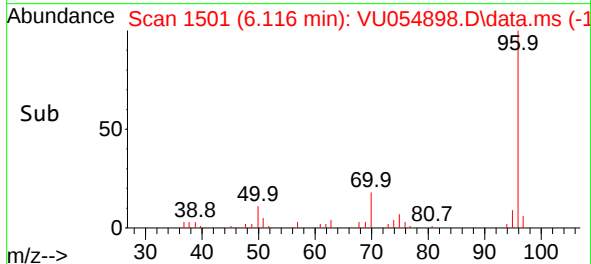
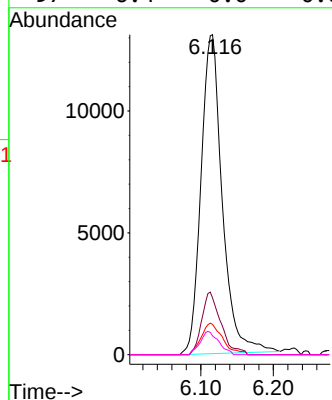
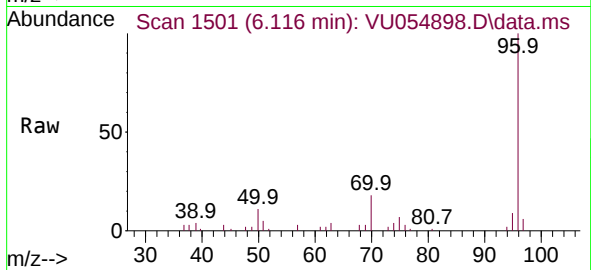




#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.116 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU054898.D
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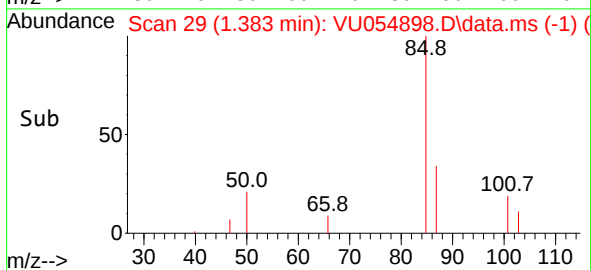
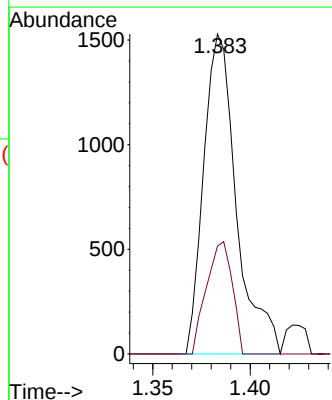
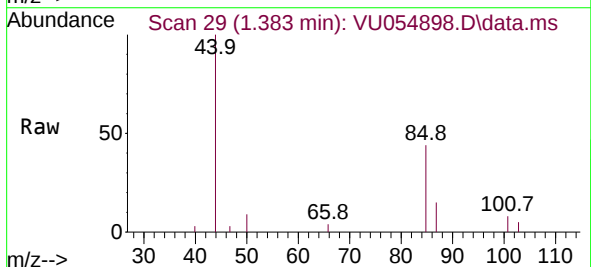
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK

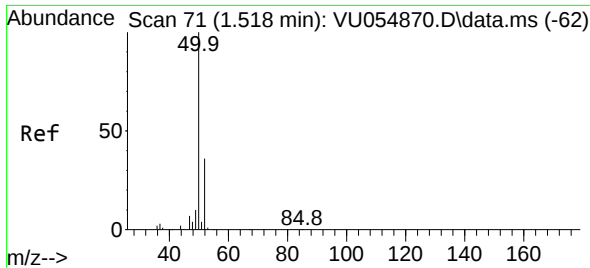
Tgt Ion:	96	Resp:	26667
Ion	Ratio	Lower	Upper
96	100		
70	17.5	14.0	21.0
95	10.0	8.7	13.1
97	6.4	0.0	0.0



#2
Dichlorodifluoromethane
Concen: 0.352 ug/l
RT: 1.383 min Scan# 29
Delta R.T. -0.000 min
Lab File: VU054898.D
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Tgt Ion:	85	Resp:	1786
Ion	Ratio	Lower	Upper
85	100		
87	33.7	16.2	48.6

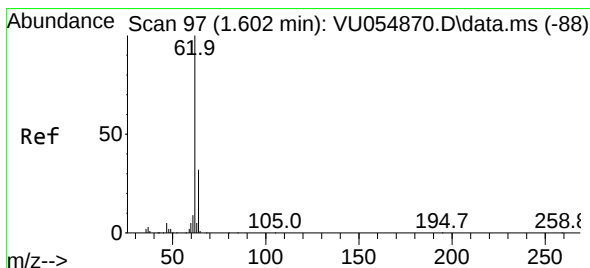
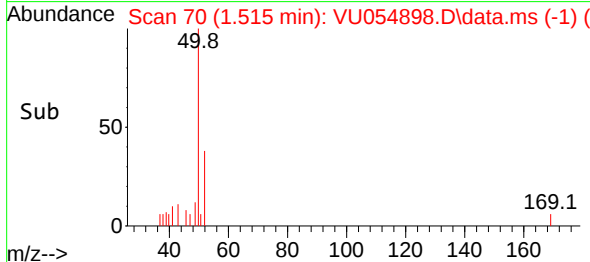
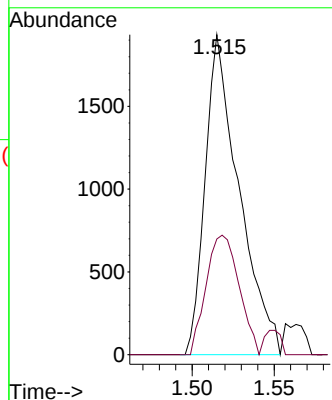
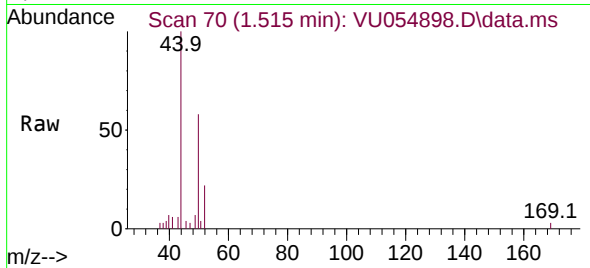




#3
Chloromethane
Concen: 0.484 ug/l
RT: 1.515 min Scan# 70
Delta R.T. -0.003 min
Lab File: VU054898.D
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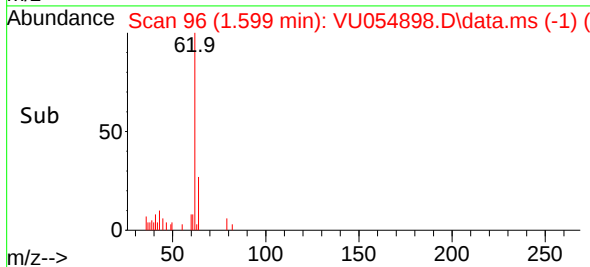
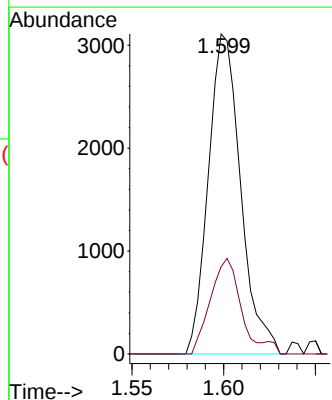
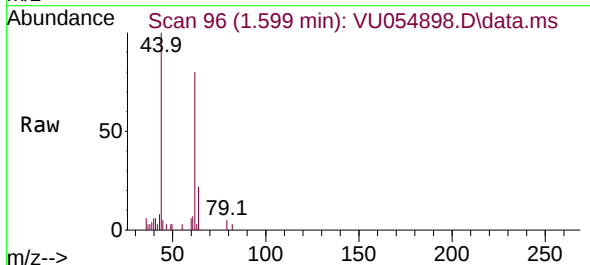
Instrument :
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ClientSampleId :
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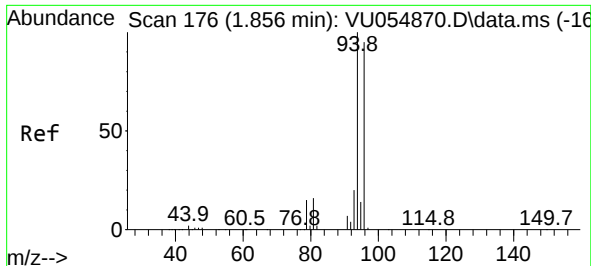
Tgt Ion: 50 Resp: 2761
Ion Ratio Lower Upper
50 100
52 36.2 28.2 42.2



#4
Vinyl Chloride
Concen: 0.500 ug/l
RT: 1.599 min Scan# 96
Delta R.T. -0.003 min
Lab File: VU054898.D
Acq: 27 Jul 2023 16:53

Tgt Ion: 62 Resp: 3808
Ion Ratio Lower Upper
62 100
64 27.3 26.4 39.6

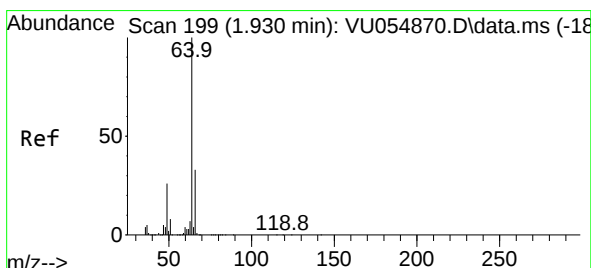
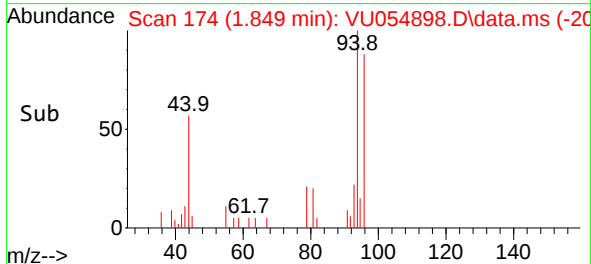
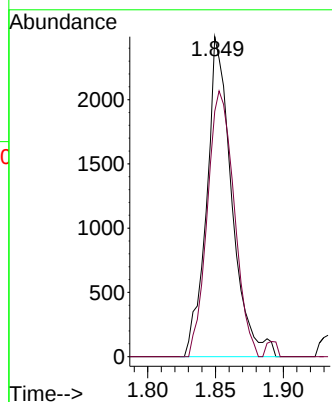
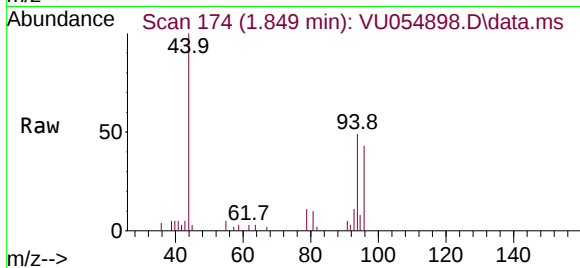




#5
Bromomethane
Concen: 0.531 ug/l
RT: 1.849 min Scan# 176
Delta R.T. -0.006 min
Lab File: VU054898.D
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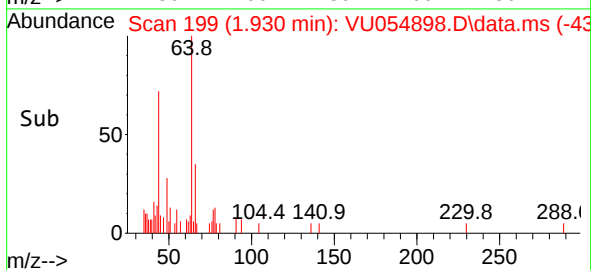
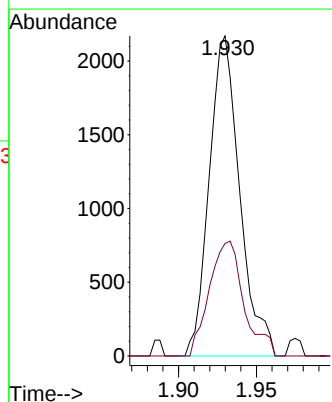
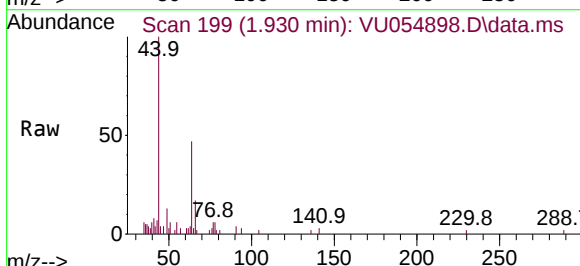
Instrument :
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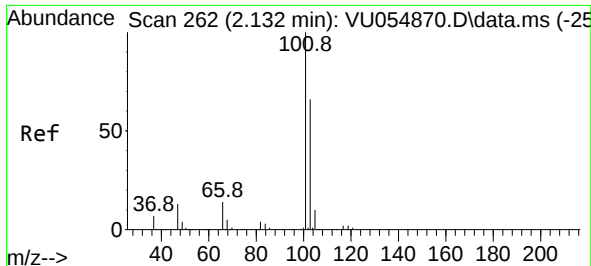
Tgt Ion: 94 Resp: 3211
Ion Ratio Lower Upper
94 100
96 76.7 74.6 111.8



#6
Chloroethane
Concen: 0.375 ug/l
RT: 1.930 min Scan# 199
Delta R.T. -0.000 min
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Tgt Ion: 64 Resp: 2955
Ion Ratio Lower Upper
64 100
66 35.2 26.2 39.4

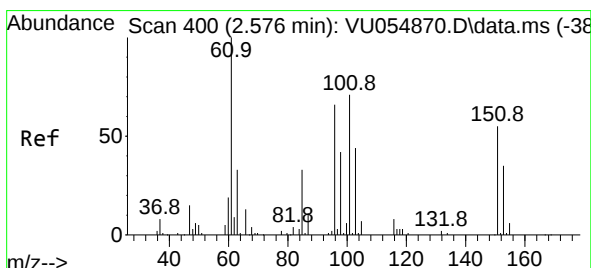
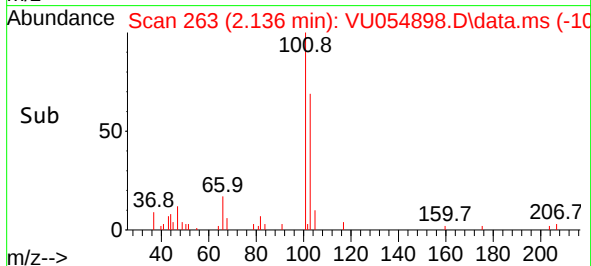
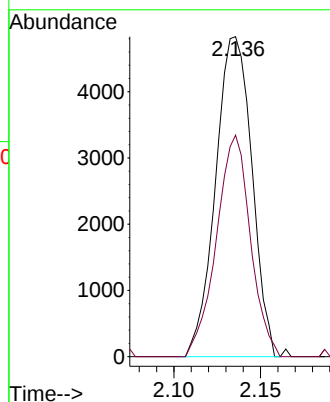
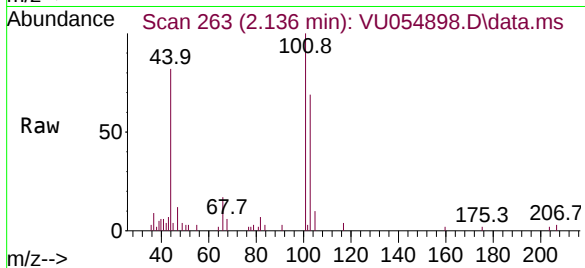




#7
Trichlorofluoromethane
Concen: 0.393 ug/l
RT: 2.136 min Scan# 20
Delta R.T. 0.003 min
Lab File: VU054898.D
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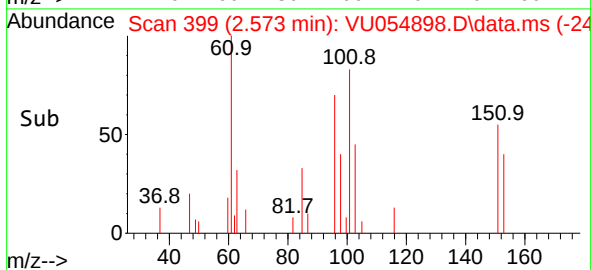
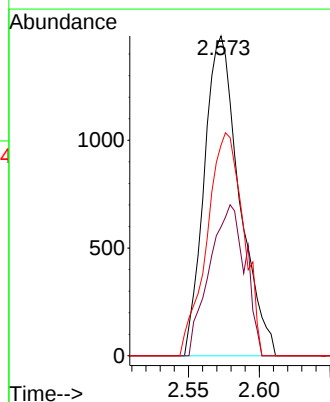
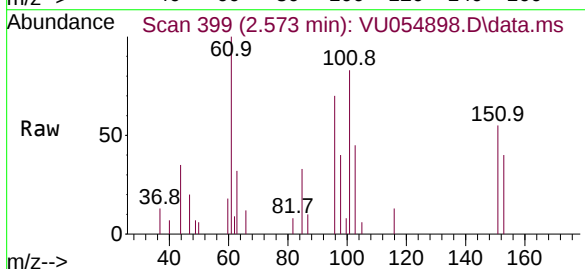
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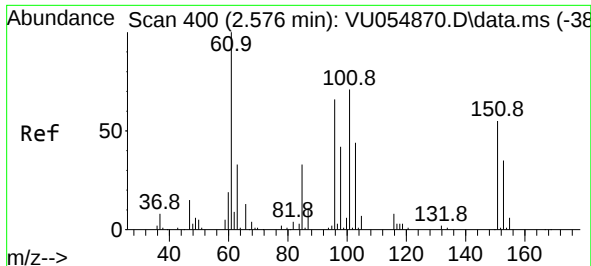
Tgt Ion:101 Resp: 7037
Ion Ratio Lower Upper
101 100
103 67.4 52.9 79.3



#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.442 ug/l
RT: 2.573 min Scan# 399
Delta R.T. -0.003 min
Lab File: VU054898.D
Acq: 27 Jul 2023 16:53

Tgt Ion:101 Resp: 2561
Ion Ratio Lower Upper
101 100
85 48.1 34.8 52.2
151 72.4 60.5 90.7

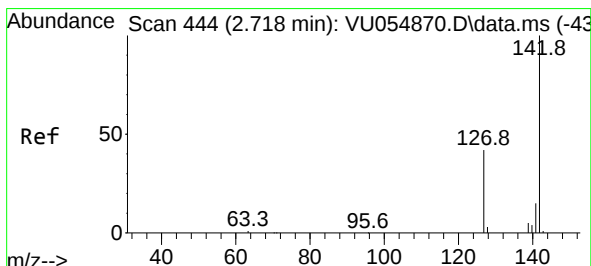
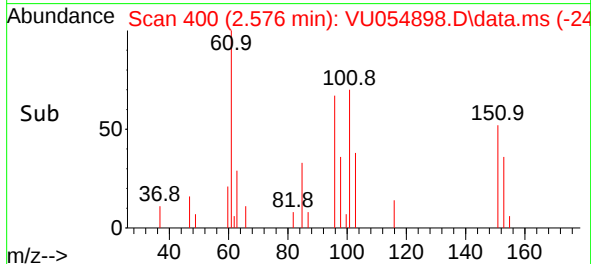
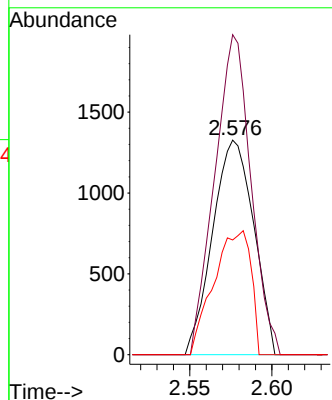
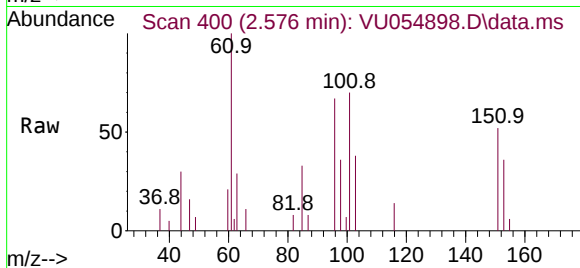




#9
1,1-Dichloroethene
Concen: 0.500 ug/l
RT: 2.576 min Scan# 400
Delta R.T. -0.000 min
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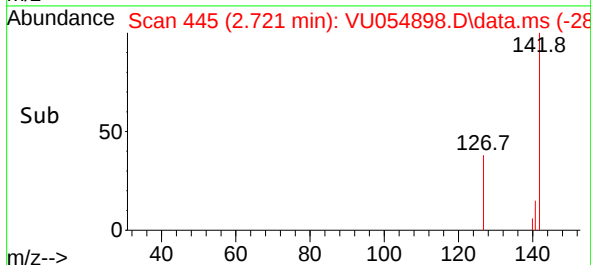
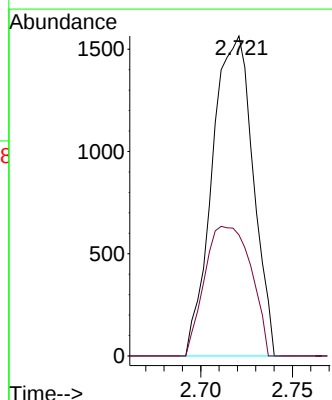
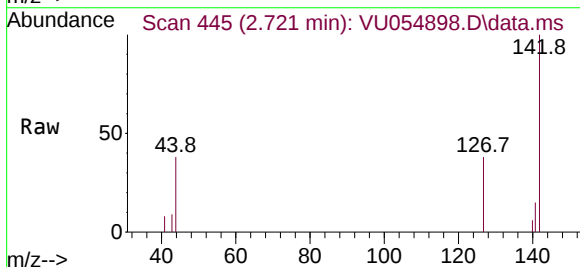
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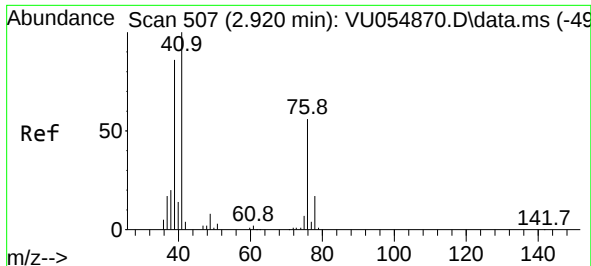
Tgt Ion: 96 Resp: 2302
Ion Ratio Lower Upper
96 100
61 149.1 0.0 440.1
98 53.5 0.0 121.8



#10
Iodomethane
Concen: 0.337 ug/l
RT: 2.721 min Scan# 445
Delta R.T. 0.003 min
Lab File: VU054898.D
Acq: 27 Jul 2023 16:53

Tgt Ion: 142 Resp: 2422
Ion Ratio Lower Upper
142 100
127 46.1 34.3 51.5

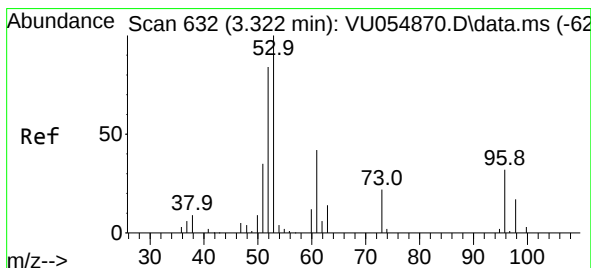
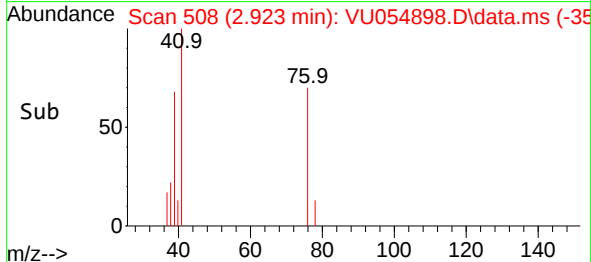
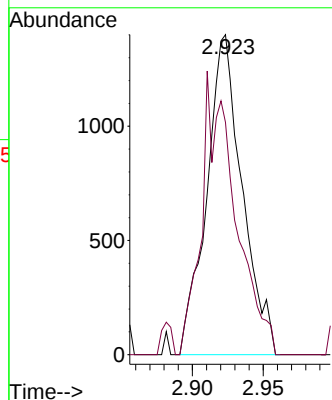
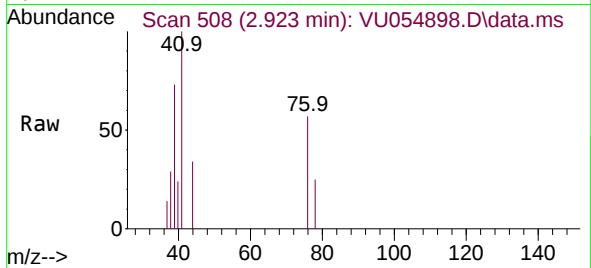




#11
 Allyl Chloride
 Concen: 0.445 ug/l
 RT: 2.923 min Scan# 507
 Delta R.T. 0.003 min
 Lab File: VU054898.D
 Acq: 27 Jul 2023 16:53

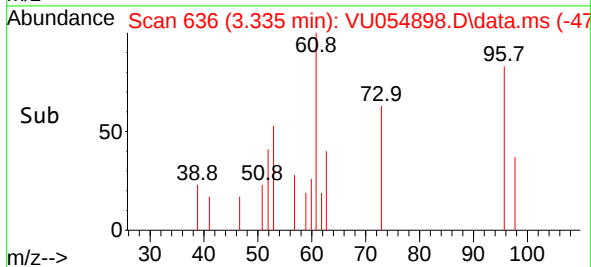
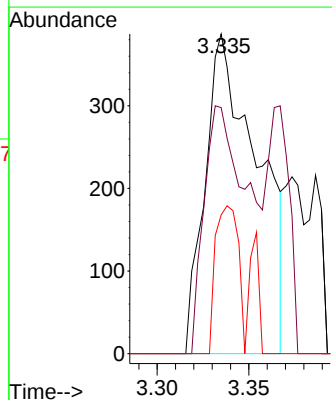
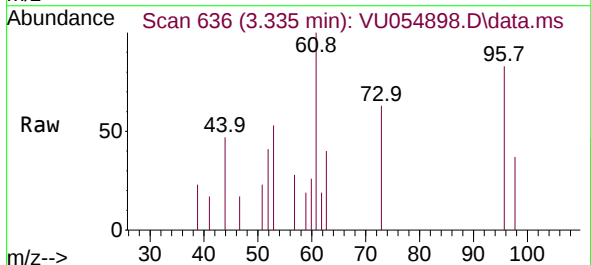
Instrument :
 MSVOA_U
 ClientSampleId :
 RL-CHECK

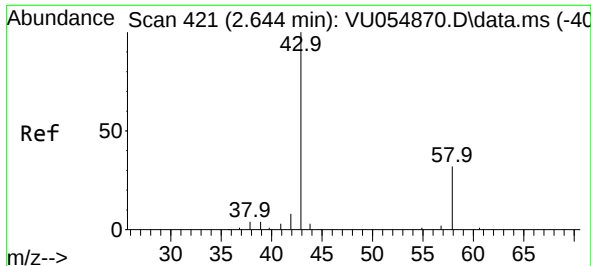
Tgt Ion: 41 Resp: 2447
 Ion Ratio Lower Upper
 41 100
 39 83.4 70.2 105.2



#12
 Acrylonitrile
 Concen: 0.665 ug/l
 RT: 3.335 min Scan# 636
 Delta R.T. 0.013 min
 Lab File: VU054898.D
 Acq: 27 Jul 2023 16:53

Tgt Ion: 53 Resp: 768
 Ion Ratio Lower Upper
 53 100
 52 65.0 64.2 96.4
 51 20.1 33.6 50.4#





#13

Acetone

Concen: 2.288 ug/l

RT: 2.653 min Scan# 41

Delta R.T. 0.010 min

Lab File: VU054898.D

Acq: 27 Jul 2023 16:53

Instrument :

MSVOA_U

ClientSampleId :

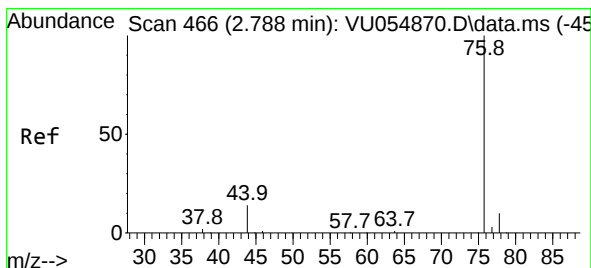
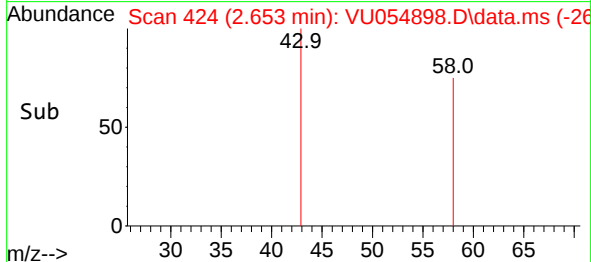
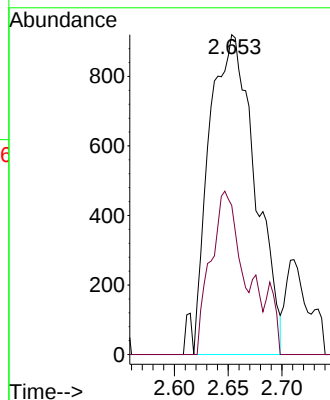
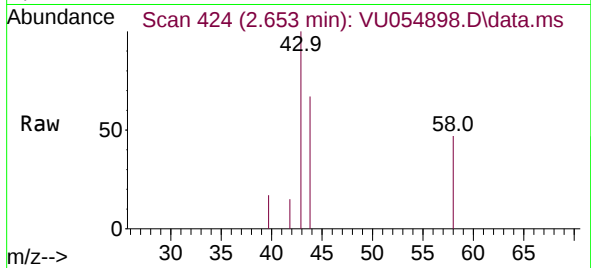
RL-CHECK

Tgt Ion: 43 Resp: 2763

Ion Ratio Lower Upper

43 100

58 46.6 30.7 46.1#



#14

Carbon Disulfide

Concen: 0.436 ug/l

RT: 2.788 min Scan# 466

Delta R.T. -0.000 min

Lab File: VU054898.D

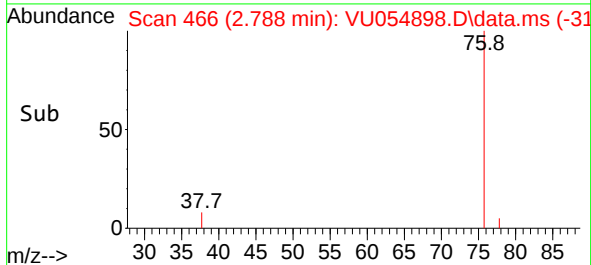
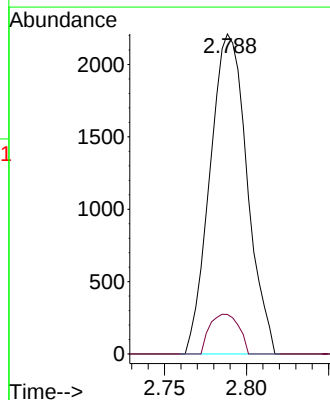
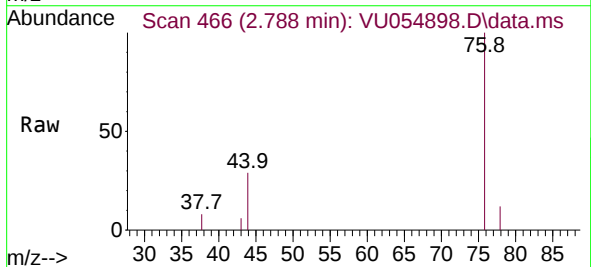
Acq: 27 Jul 2023 16:53

Tgt Ion: 76 Resp: 3477

Ion Ratio Lower Upper

76 100

78 12.3 7.1 10.7#



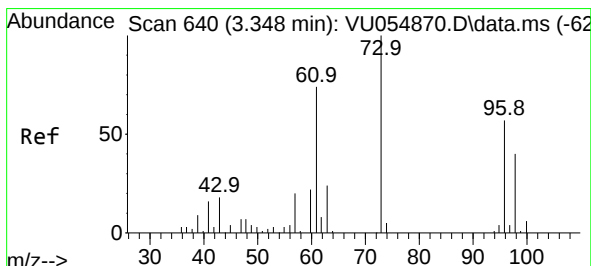
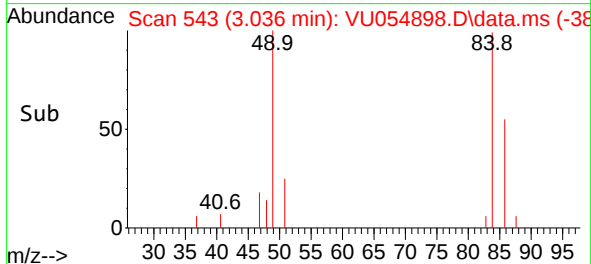
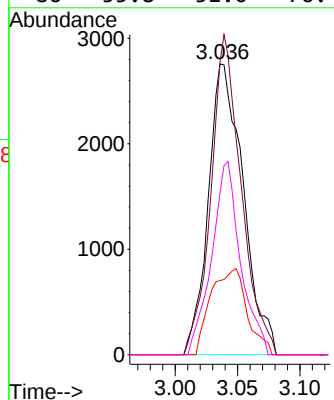
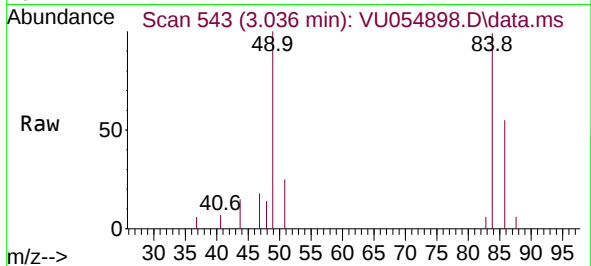


#15
Methylene Chloride
Concen: 0.865 ug/l
RT: 3.036 min Scan# 54
Delta R.T. -0.006 min
Lab File: VU054898.D
Acq: 27 Jul 2023 16:53

Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK

Tgt Ion: 84 Resp: 5358

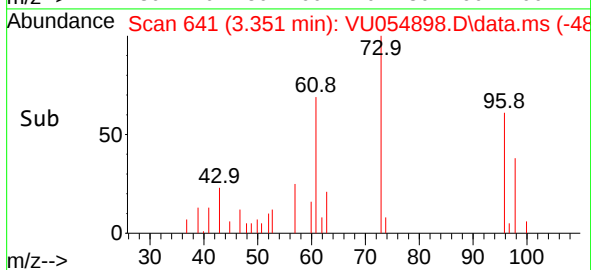
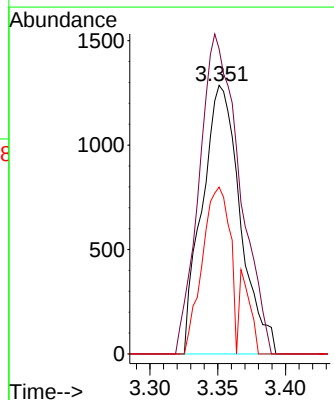
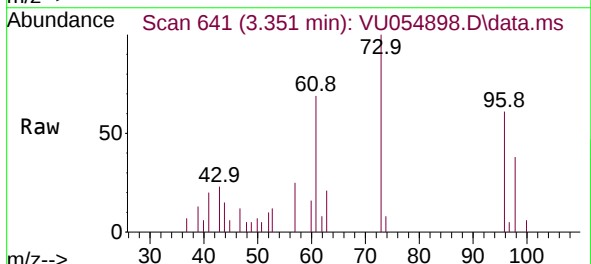
Ion	Ratio	Lower	Upper
84	100		
49	100.7	87.8	131.6
51	25.5	0.0	68.2
86	55.8	51.0	76.4

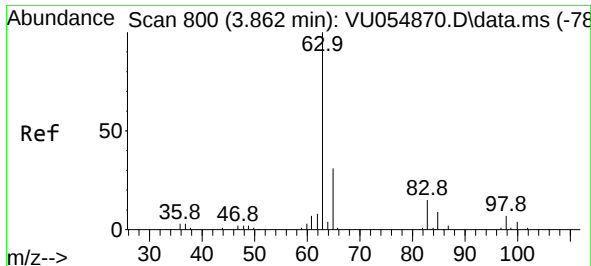


#16
trans-1,2-Dichloroethene
Concen: 0.501 ug/l
RT: 3.351 min Scan# 641
Delta R.T. 0.003 min
Lab File: VU054898.D
Acq: 27 Jul 2023 16:53

Tgt Ion: 96 Resp: 2513

Ion	Ratio	Lower	Upper
96	100		
61	104.6	96.4	144.6
98	57.2	49.3	73.9





#17

1,1-Dichloroethane

Concen: 0.440 ug/l

RT: 3.865 min Scan# 80

Delta R.T. 0.003 min

Lab File: VU054898.D

Acq: 27 Jul 2023 16:53

Instrument :

MSVOA_U

ClientSampleId :

RL-CHECK

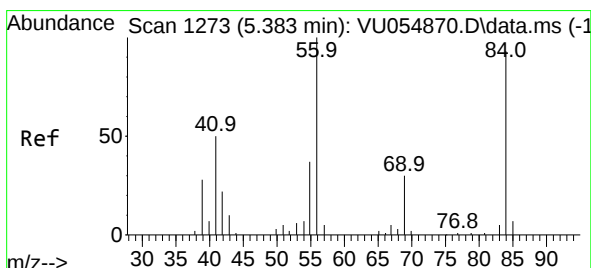
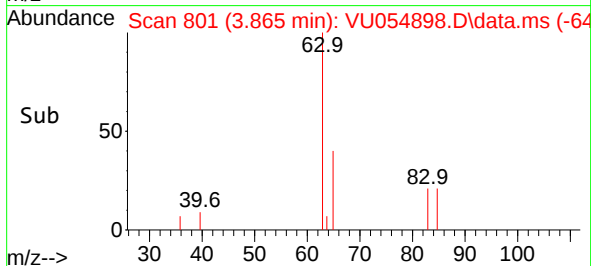
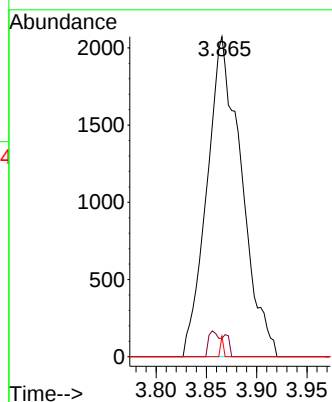
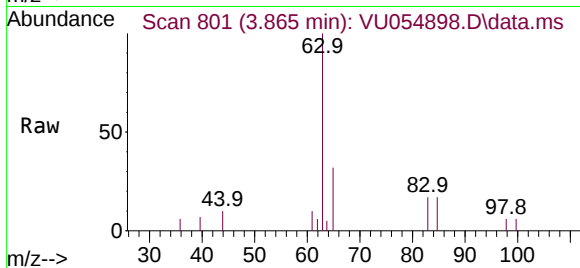
Tgt Ion: 63 Resp: 4936

Ion Ratio Lower Upper

63 100

98 5.4 3.6 10.8

100 6.0 2.8 8.4



#19

Cyclohexane

Concen: 0.436 ug/l

RT: 5.386 min Scan# 1274

Delta R.T. 0.003 min

Lab File: VU054898.D

Acq: 27 Jul 2023 16:53

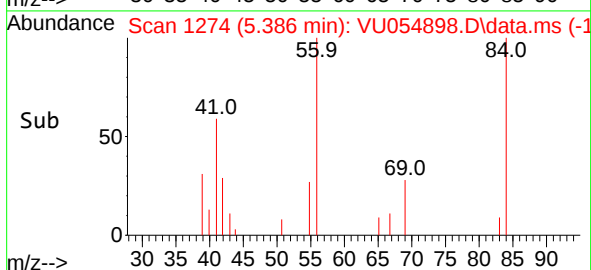
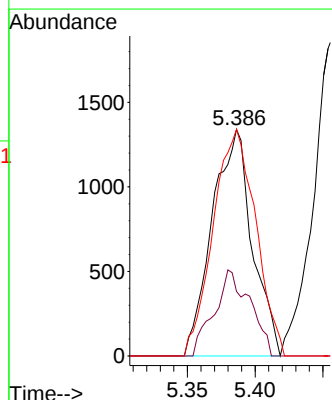
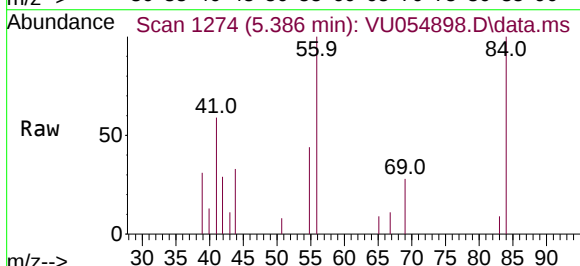
Tgt Ion: 56 Resp: 2751

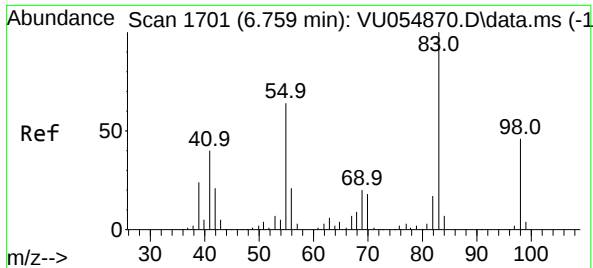
Ion Ratio Lower Upper

56 100

69 34.0 24.7 37.1

84 106.1 76.5 114.7

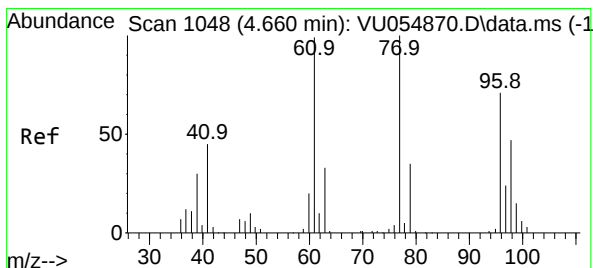
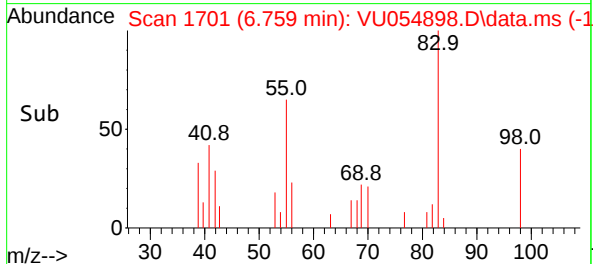
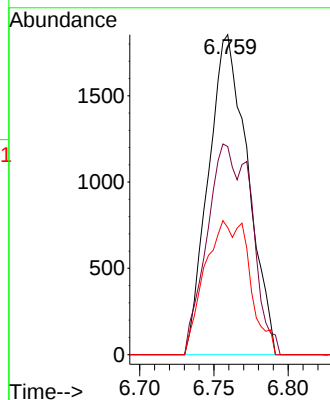
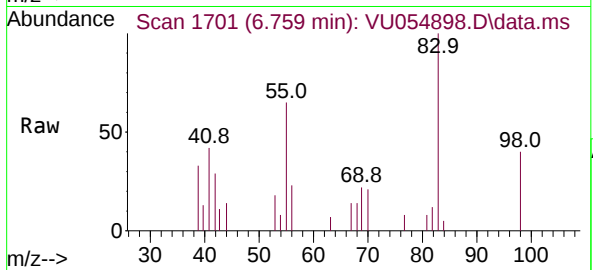




#20
Methylcyclohexane
Concen: 0.404 ug/l
RT: 6.759 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU054898.D
Acq: 27 Jul 2023 16:53

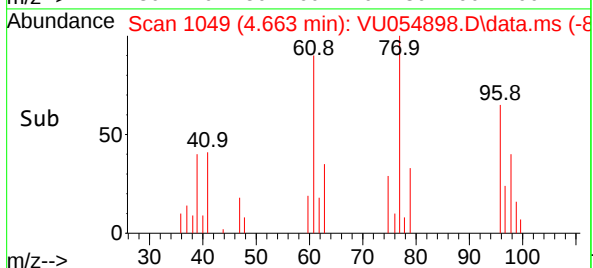
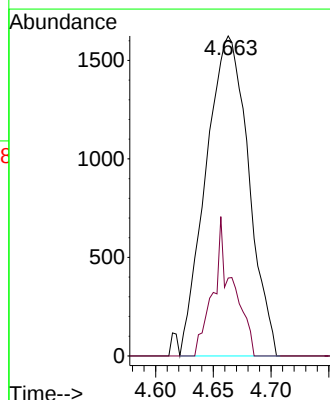
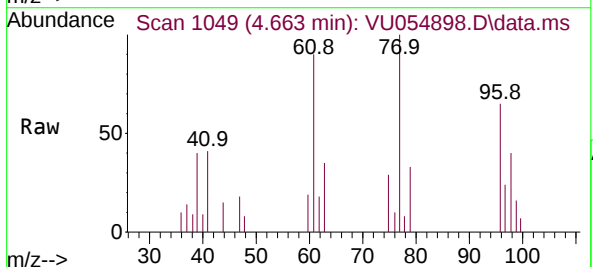
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK

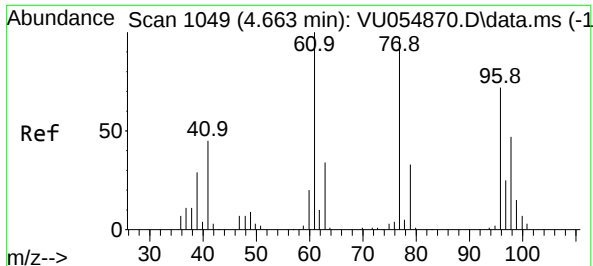
Tgt Ion: 83 Resp: 3406
Ion Ratio Lower Upper
83 100
55 49.7 51.6 77.4#
98 29.9 38.2 57.2#



#21
2,2-Dichloropropane
Concen: 0.402 ug/l
RT: 4.663 min Scan# 1049
Delta R.T. 0.003 min
Lab File: VU054898.D
Acq: 27 Jul 2023 16:53

Tgt Ion: 77 Resp: 4174
Ion Ratio Lower Upper
77 100
97 20.1 18.0 27.0

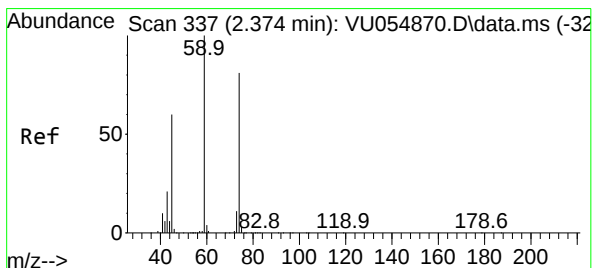
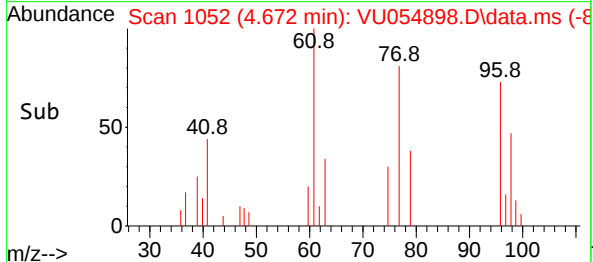
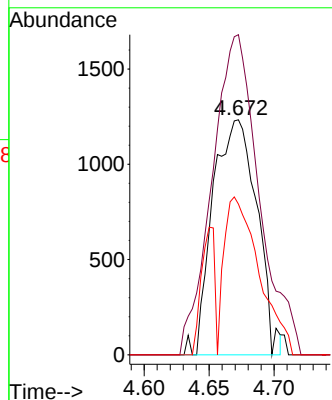
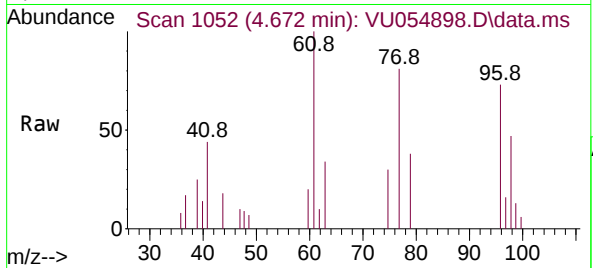




#22
cis-1,2-Dichloroethene
Concen: 0.436 ug/l
RT: 4.672 min Scan# 1052
Delta R.T. 0.010 min
Lab File: VU054898.D
Acq: 27 Jul 2023 16:53

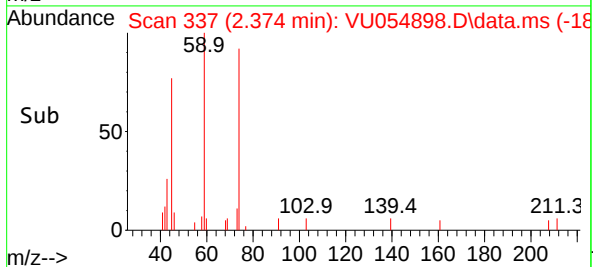
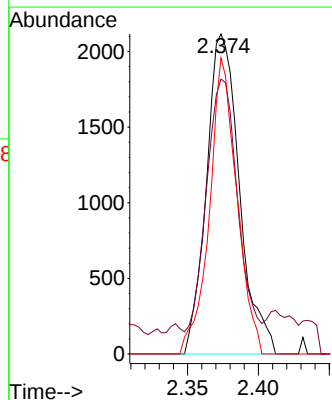
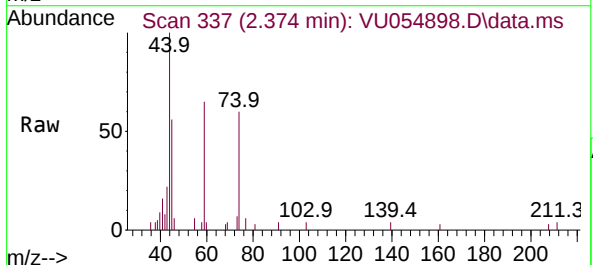
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK

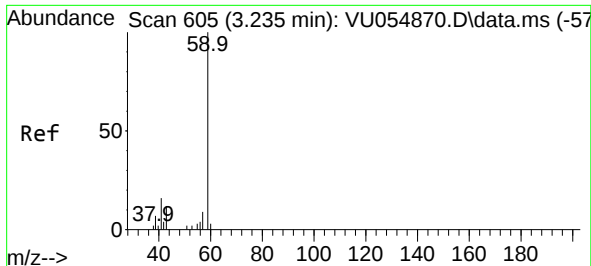
Tgt Ion: 96 Resp: 2902
Ion Ratio Lower Upper
96 100
61 145.5 0.0 332.0
98 53.4 32.5 97.5



#23
Diethyl Ether
Concen: 0.503 ug/l
RT: 2.374 min Scan# 337
Delta R.T. -0.000 min
Lab File: VU054898.D
Acq: 27 Jul 2023 16:53

Tgt Ion: 59 Resp: 3418
Ion Ratio Lower Upper
59 100
45 72.2 51.4 77.0
74 77.0 63.1 94.7

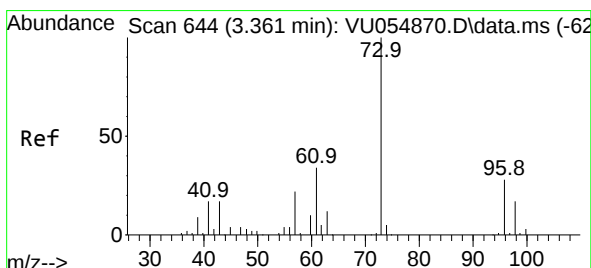
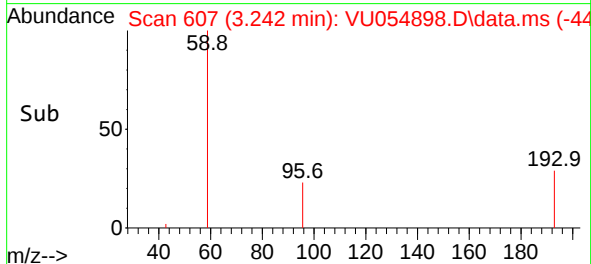
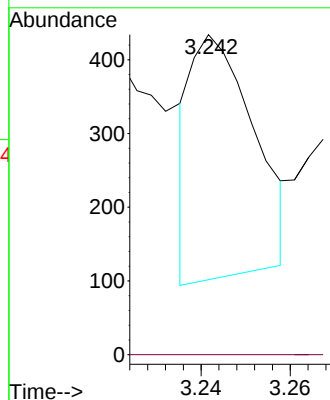
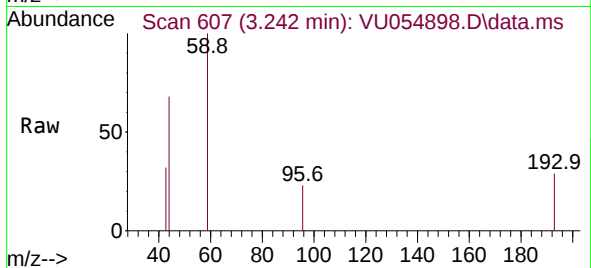




#24
tert-Butyl Alcohol
Concen: 0.513 ug/l
RT: 3.242 min Scan# 605
Delta R.T. 0.006 min
Lab File: VU054898.D
Acq: 27 Jul 2023 16:53

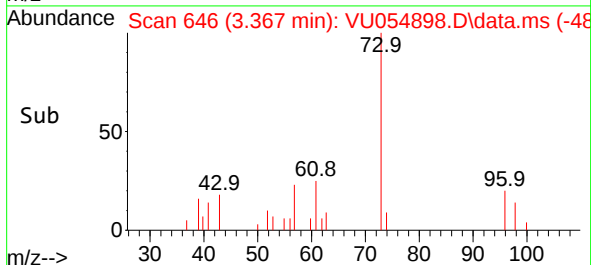
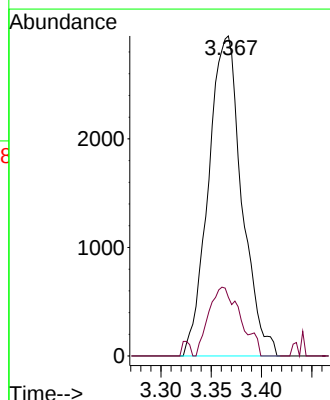
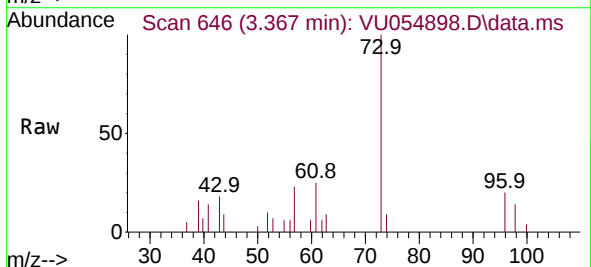
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK

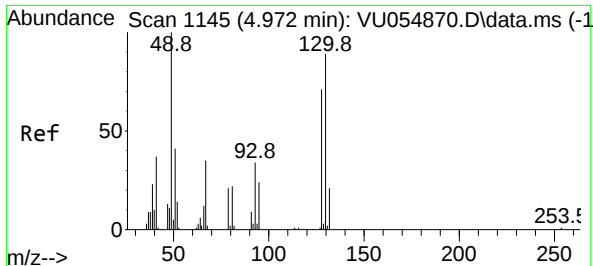
Tgt Ion: 59 Resp: 324
Ion Ratio Lower Upper
59 100
57 0.0 2.2 3.2#



#25
Methyl tert-Butyl Ether
Concen: 0.477 ug/l
RT: 3.367 min Scan# 646
Delta R.T. 0.006 min
Lab File: VU054898.D
Acq: 27 Jul 2023 16:53

Tgt Ion: 73 Resp: 6800
Ion Ratio Lower Upper
73 100
43 20.5 14.6 22.0

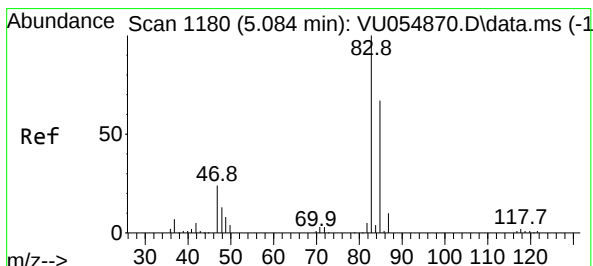
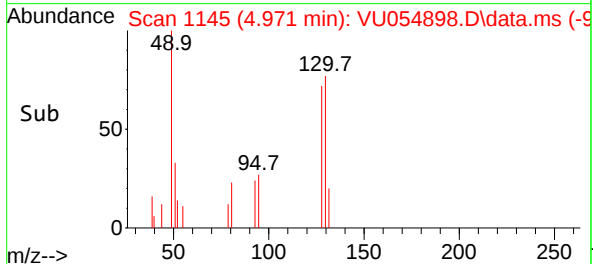
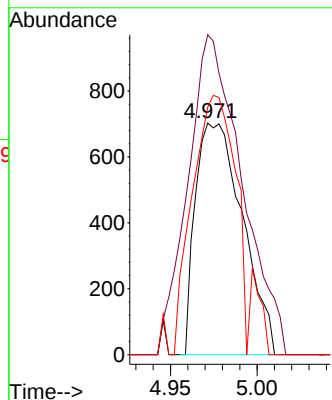
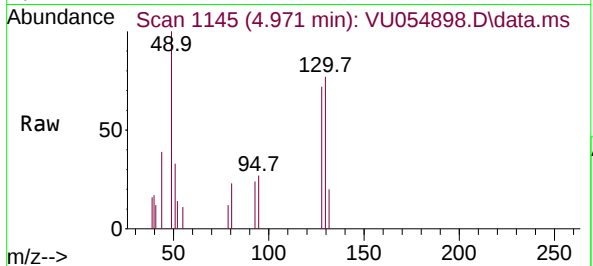




#26
Bromochloromethane
Concen: 0.486 ug/l
RT: 4.971 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VU054898.D
Acq: 27 Jul 2023 16:53

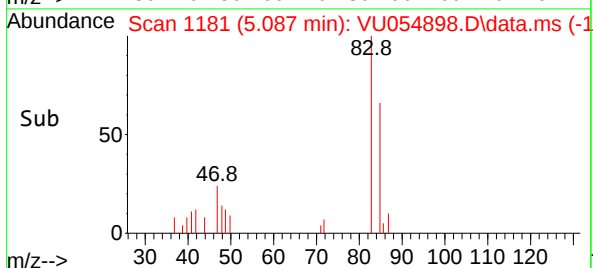
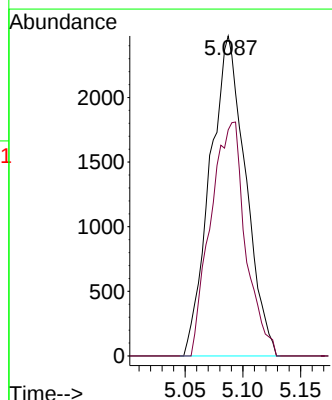
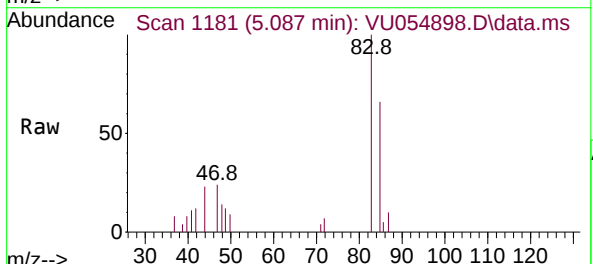
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK

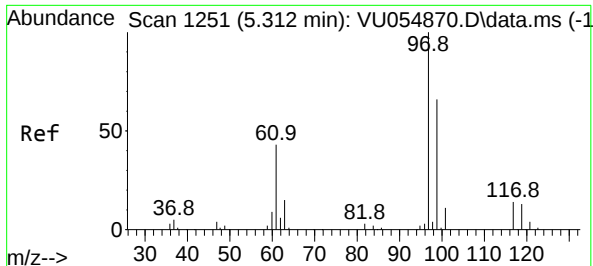
Tgt Ion:128 Resp: 1327
Ion Ratio Lower Upper
128 100
49 158.9 0.0 304.0
130 110.8 104.3 156.5



#27
Chloroform
Concen: 0.441 ug/l
RT: 5.087 min Scan# 1181
Delta R.T. 0.003 min
Lab File: VU054898.D
Acq: 27 Jul 2023 16:53

Tgt Ion: 83 Resp: 5310
Ion Ratio Lower Upper
83 100
85 70.7 0.0 135.2

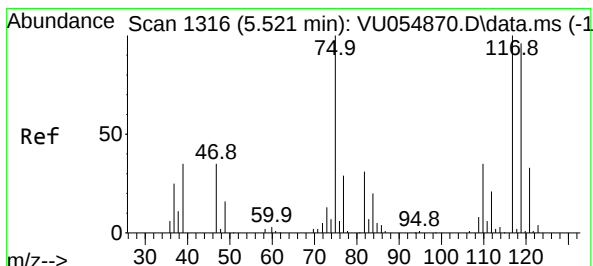
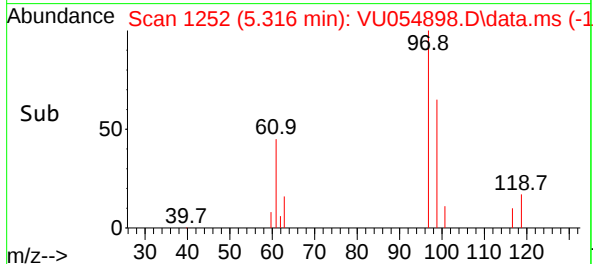
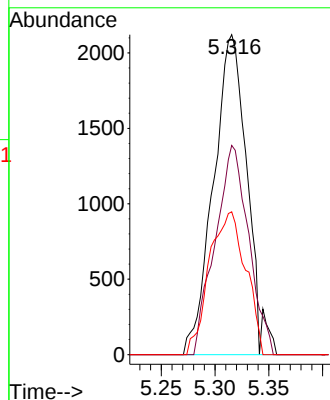
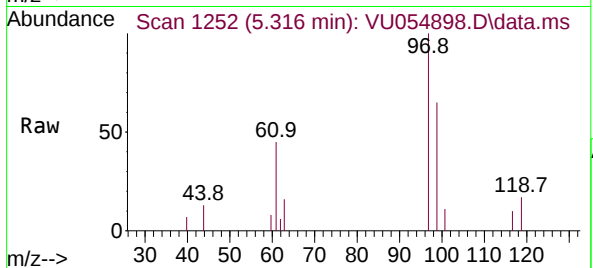




#28
1,1,1-Trichloroethane
Concen: 0.443 ug/l
RT: 5.316 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU054898.D
Acq: 27 Jul 2023 16:53

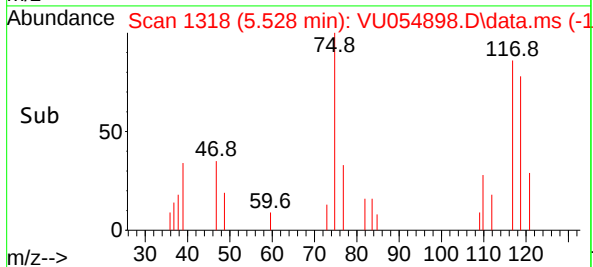
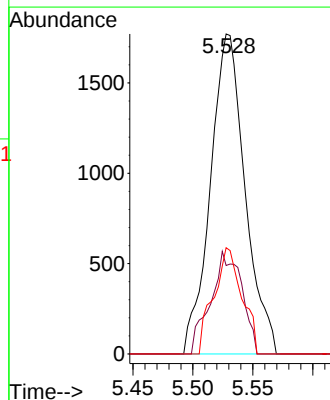
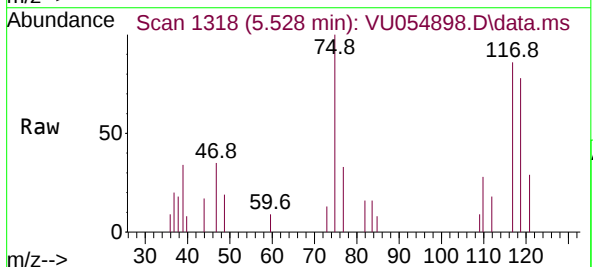
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK

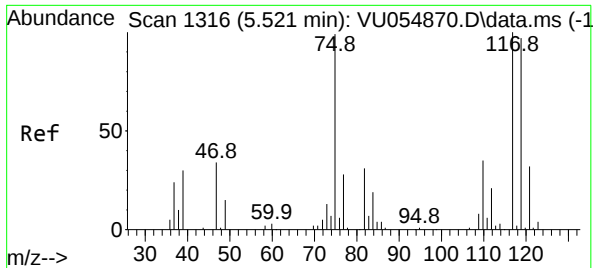
Tgt Ion:	97	Resp:	4610
Ion	Ratio	Lower	Upper
97	100		
99	65.1	32.0	96.2
61	48.4	21.0	63.0



#29
1,1-Dichloropropene
Concen: 0.464 ug/l
RT: 5.528 min Scan# 1318
Delta R.T. 0.006 min
Lab File: VU054898.D
Acq: 27 Jul 2023 16:53

Tgt Ion:	75	Resp:	3556
Ion	Ratio	Lower	Upper
75	100		
110	28.8	18.5	55.5
77	27.1	24.9	37.3

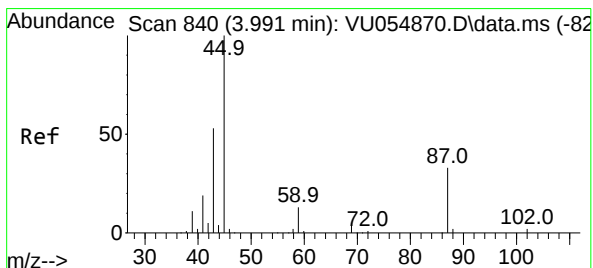
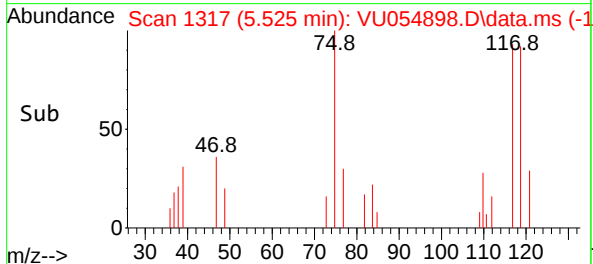
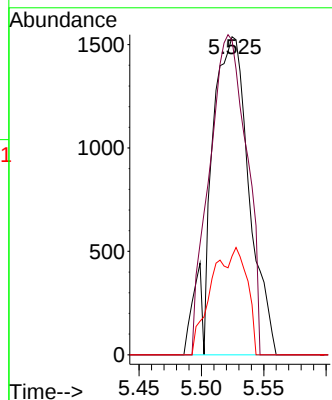
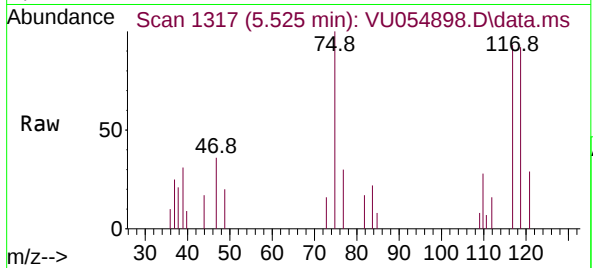




#30
Carbon Tetrachloride
Concen: 0.378 ug/l
RT: 5.525 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU054898.D
Acq: 27 Jul 2023 16:53

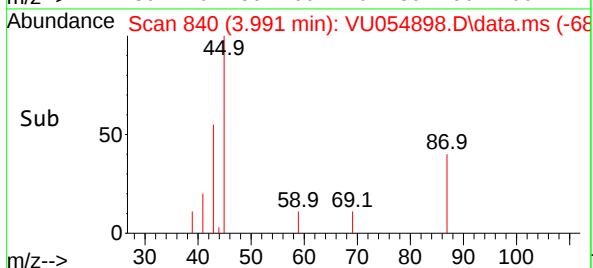
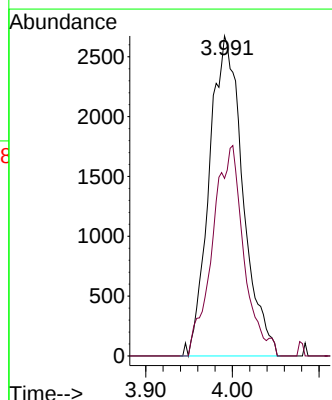
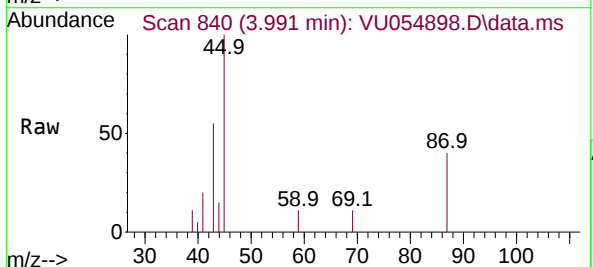
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK

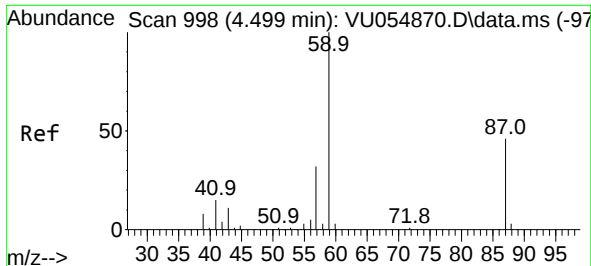
Tgt Ion:117 Resp: 3282
Ion Ratio Lower Upper
117 100
119 98.9 75.6 113.4
121 31.0 23.4 35.0



#31
Isopropyl Ether
Concen: 0.435 ug/l
RT: 3.991 min Scan# 840
Delta R.T. -0.000 min
Lab File: VU054898.D
Acq: 27 Jul 2023 16:53

Tgt Ion: 45 Resp: 7192
Ion Ratio Lower Upper
45 100
43 60.4 26.4 79.2





#32

Ethyl-t-butyl ether

Concen: 0.391 ug/l

RT: 4.502 min Scan# 998

Delta R.T. 0.003 min

Lab File: VU054898.D

Acq: 27 Jul 2023 16:53

Instrument :

MSVOA_U

ClientSampleId :

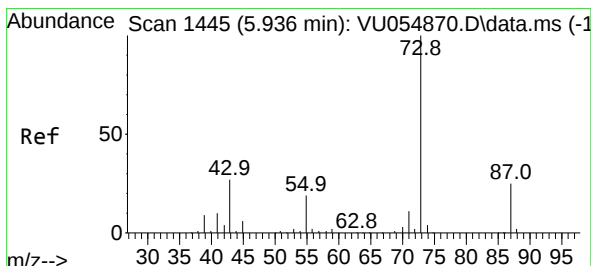
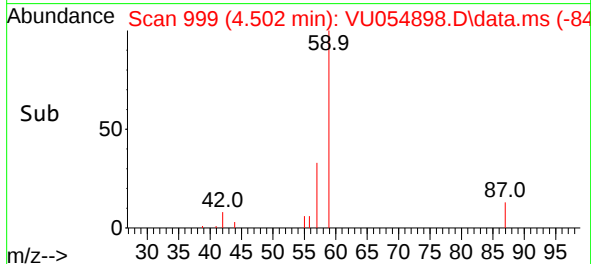
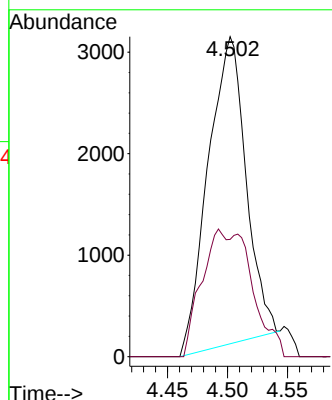
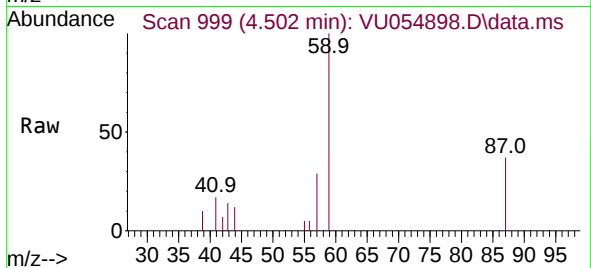
RL-CHECK

Tgt Ion: 59 Resp: 6669

Ion Ratio Lower Upper

59 100

87 27.3 35.7 53.5#



#33

Tert-Amyl methyl ether

Concen: 0.503 ug/l

RT: 5.939 min Scan# 1446

Delta R.T. 0.003 min

Lab File: VU054898.D

Acq: 27 Jul 2023 16:53

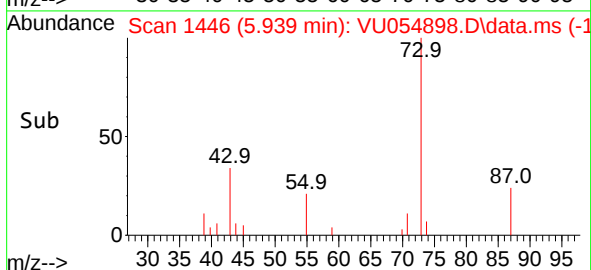
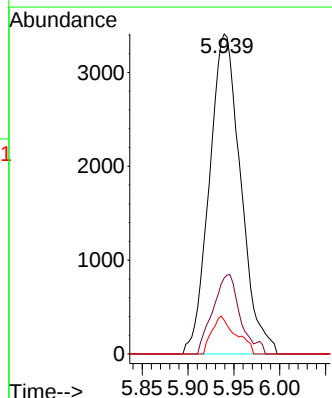
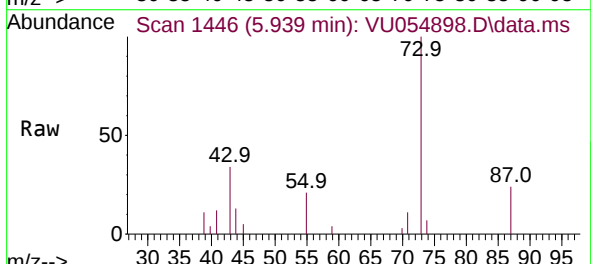
Tgt Ion: 73 Resp: 8107

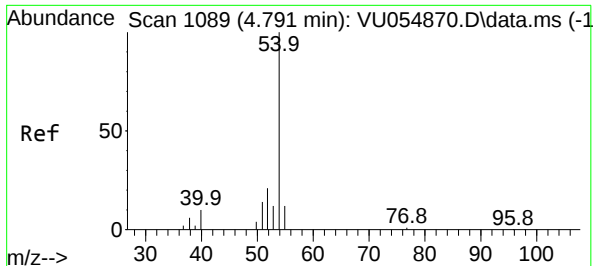
Ion Ratio Lower Upper

73 100

87 21.6 19.6 29.4

71 9.0 9.1 13.7#

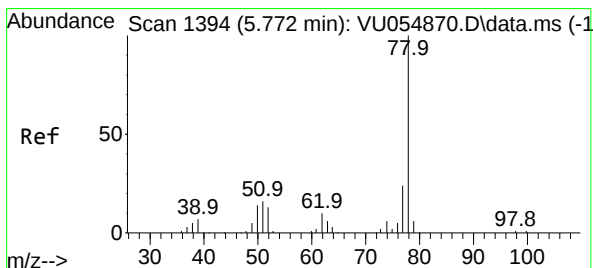
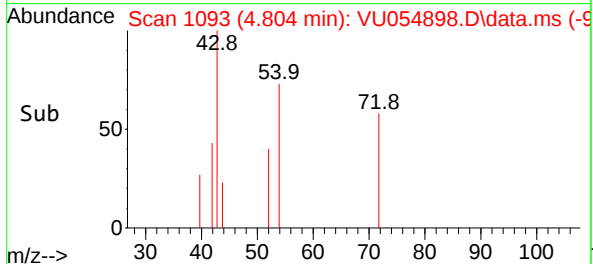
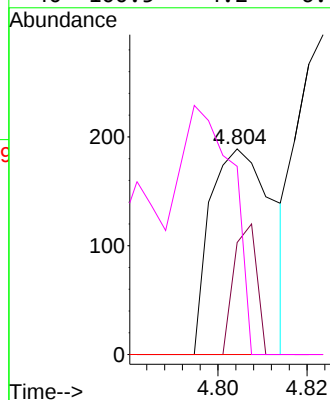
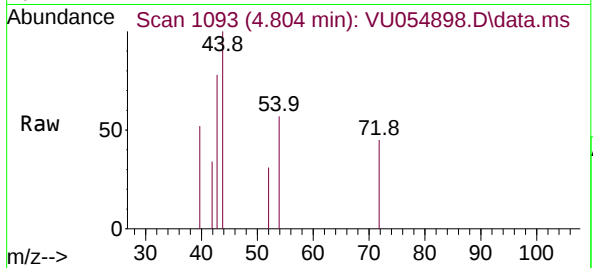




#34
 Propionitrile
 Concen: 0.443 ug/l
 RT: 4.804 min Scan# 1093
 Delta R.T. 0.013 min
 Lab File: VU054898.D
 Acq: 27 Jul 2023 16:53

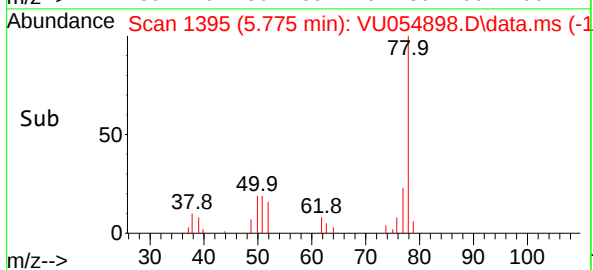
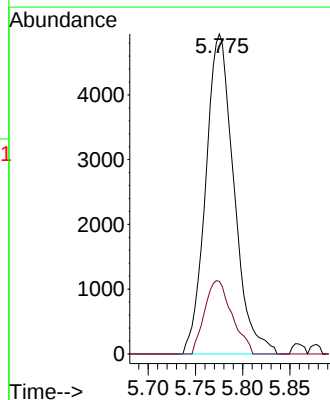
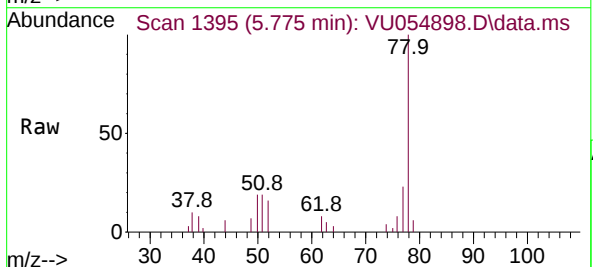
Instrument :
 MSVOA_U
 ClientSampleId :
 RL-CHECK

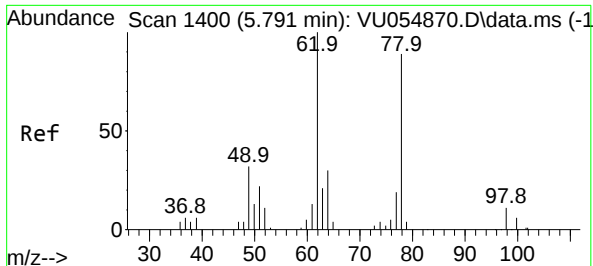
Tgt Ion: 54	Resp: 186
Ion Ratio	Lower Upper
54	100
52	23.1 13.8 20.8#
55	0.0 4.8 7.2#
40	100.5 4.2 6.4#



#35
 Benzene
 Concen: 0.426 ug/l
 RT: 5.775 min Scan# 1395
 Delta R.T. 0.003 min
 Lab File: VU054898.D
 Acq: 27 Jul 2023 16:53

Tgt Ion: 78	Resp: 10243
Ion Ratio	Lower Upper
78	100
77	21.4 19.4 29.2





#36

1,2-Dichloroethane

Concen: 0.456 ug/l

RT: 5.791 min Scan# 14

Delta R.T. -0.000 min

Lab File: VU054898.D

Acq: 27 Jul 2023 16:53

Instrument :

MSVOA_U

ClientSampleId :

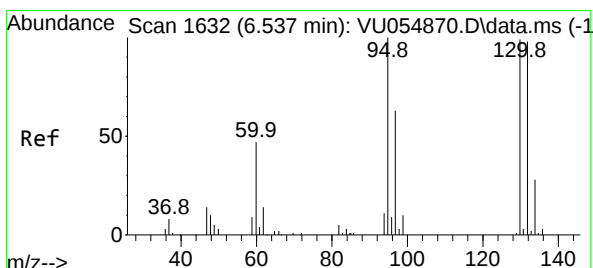
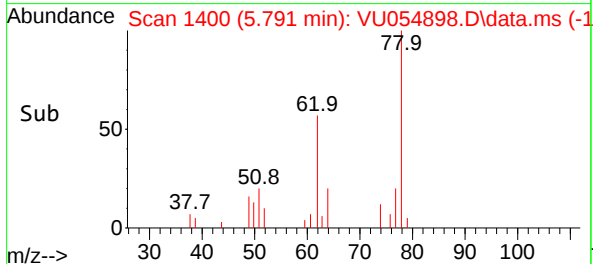
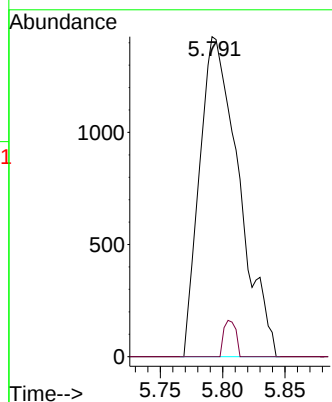
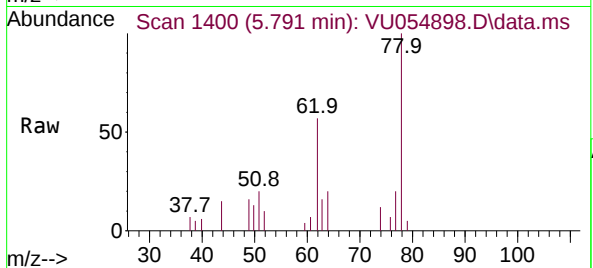
RL-CHECK

Tgt Ion: 62 Resp: 3119

Ion Ratio Lower Upper

62 100

98 3.5 7.8 11.8#



#37

Trichloroethene

Concen: 0.468 ug/l

RT: 6.547 min Scan# 1635

Delta R.T. 0.010 min

Lab File: VU054898.D

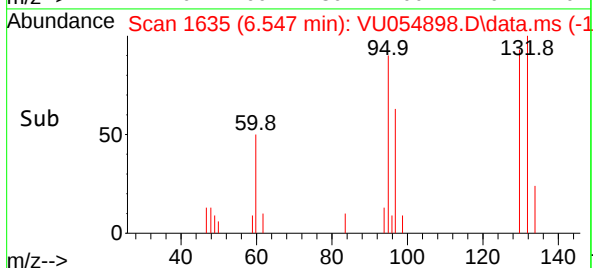
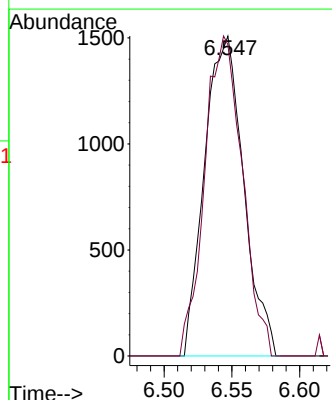
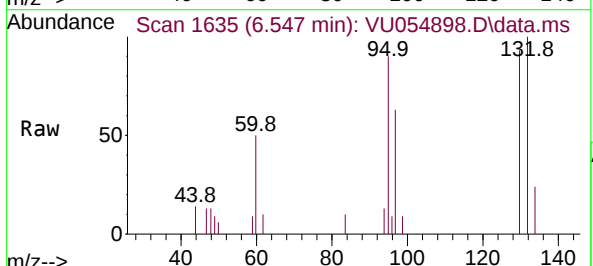
Acq: 27 Jul 2023 16:53

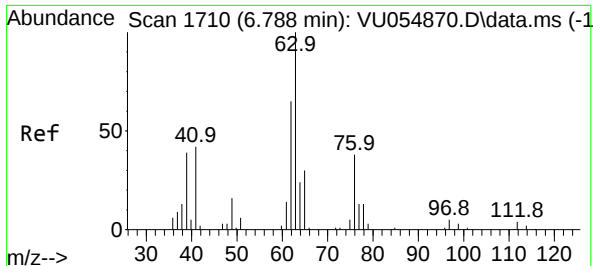
Tgt Ion:130 Resp: 3024

Ion Ratio Lower Upper

130 100

95 97.3 76.8 115.2





#38

1,2-Dichloropropane

Concen: 0.435 ug/l

RT: 6.795 min Scan# 11

Delta R.T. 0.006 min

Lab File: VU054898.D

Acq: 27 Jul 2023 16:53

Instrument :

MSVOA_U

ClientSampleId :

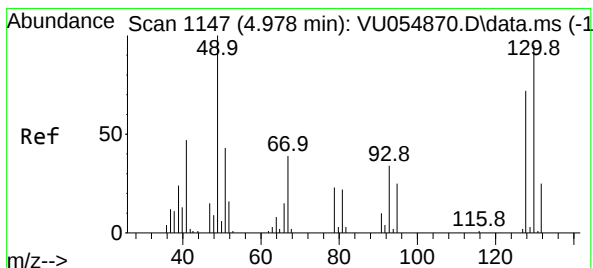
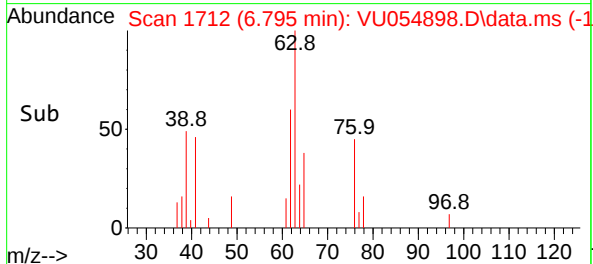
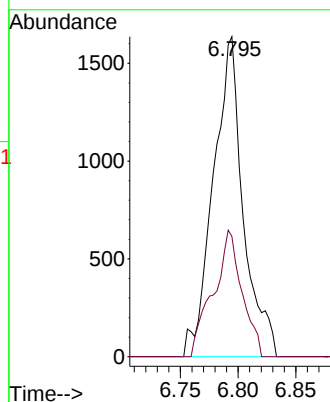
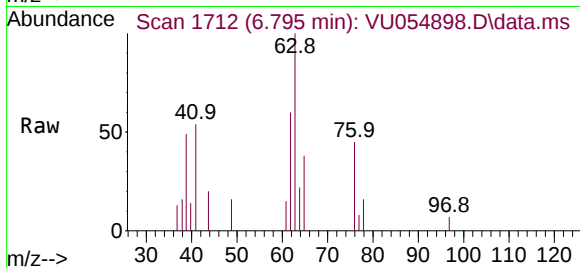
RL-CHECK

Tgt Ion: 63 Resp: 2952

Ion Ratio Lower Upper

63 100

65 37.6 24.3 36.5#



#39

Methacrylonitrile

Concen: 0.449 ug/l

RT: 4.997 min Scan# 1153

Delta R.T. 0.019 min

Lab File: VU054898.D

Acq: 27 Jul 2023 16:53

Tgt Ion: 41 Resp: 756

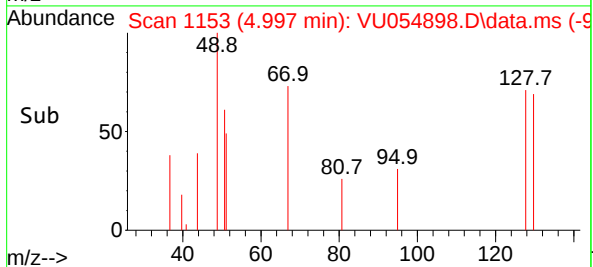
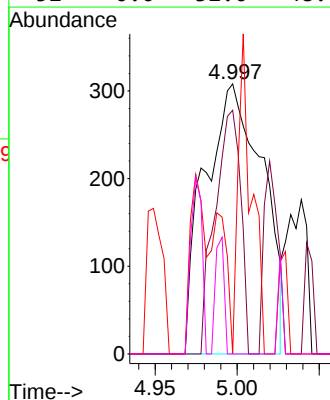
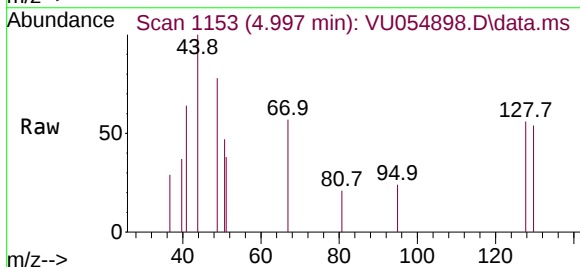
Ion Ratio Lower Upper

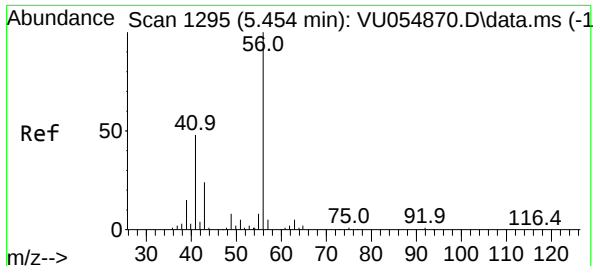
41 100

67 40.1 77.0 115.4#

39 27.5 50.4 75.6#

52 0.0 32.0 48.0#





#42

1-Chlorobutane

Concen: 0.437 ug/l

RT: 5.457 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU054898.D

Acq: 27 Jul 2023 16:53

Instrument :

MSVOA_U

ClientSampleId :

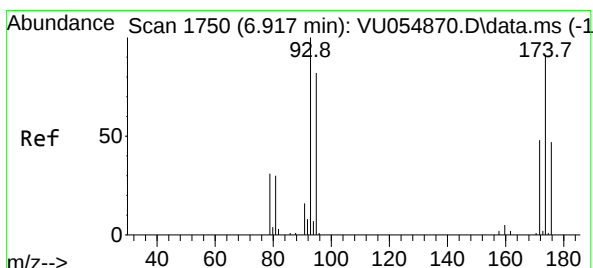
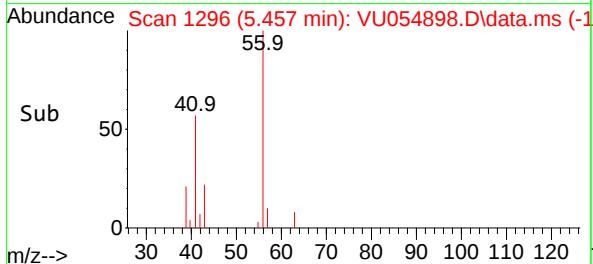
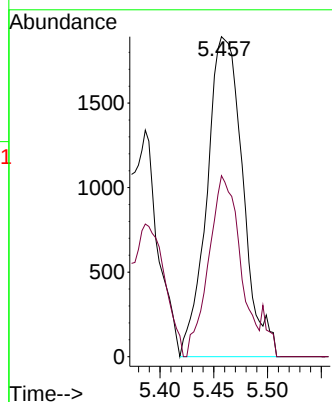
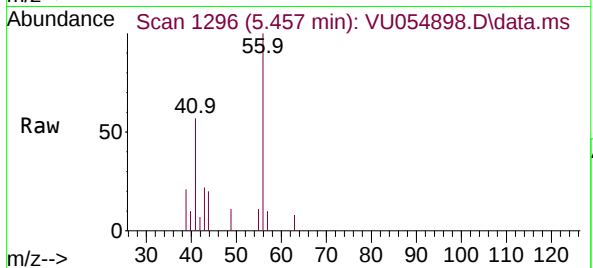
RL-CHECK

Tgt Ion: 56 Resp: 4393

Ion Ratio Lower Upper

56 100

41 49.6 23.9 71.7



#43

Dibromomethane

Concen: 0.477 ug/l

RT: 6.920 min Scan# 1751

Delta R.T. 0.003 min

Lab File: VU054898.D

Acq: 27 Jul 2023 16:53

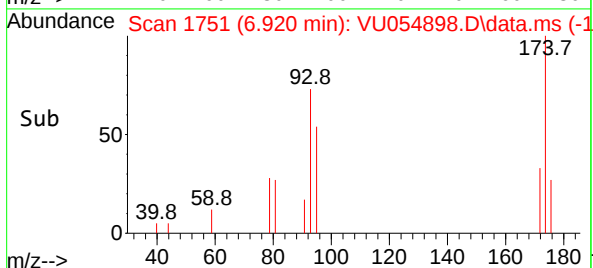
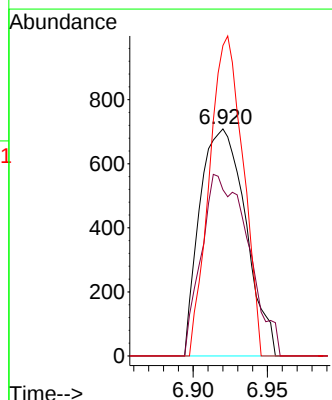
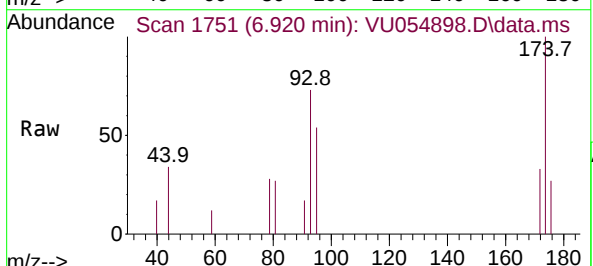
Tgt Ion: 93 Resp: 1521

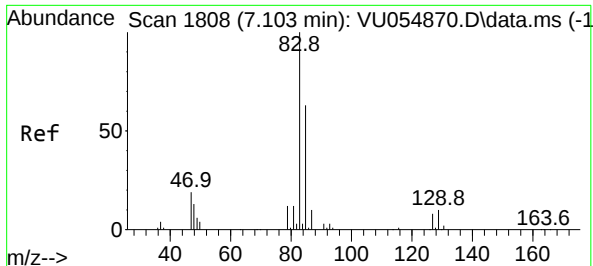
Ion Ratio Lower Upper

93 100

95 81.3 64.7 97.1

174 103.6 74.4 111.6

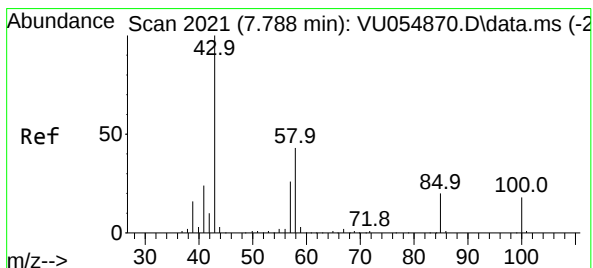
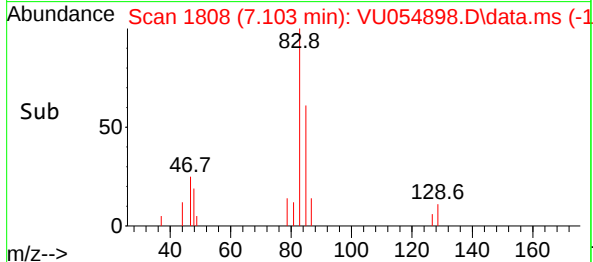
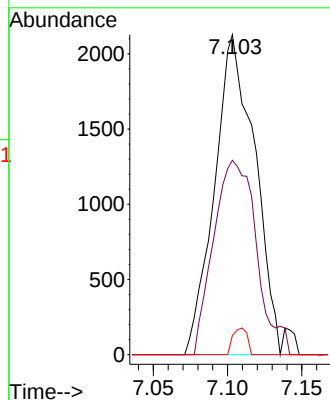
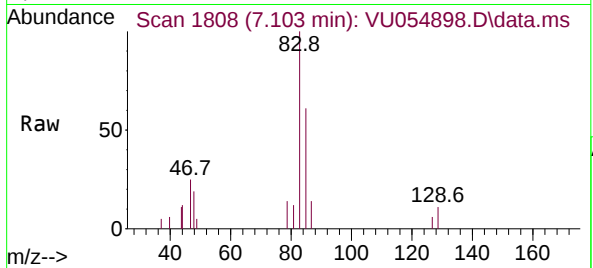




#44
Bromodichloromethane
Concen: 0.451 ug/l
RT: 7.103 min Scan# 1808
Delta R.T. -0.000 min
Lab File: VU054898.D
Acq: 27 Jul 2023 16:53

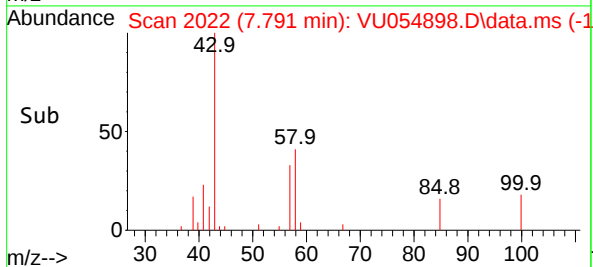
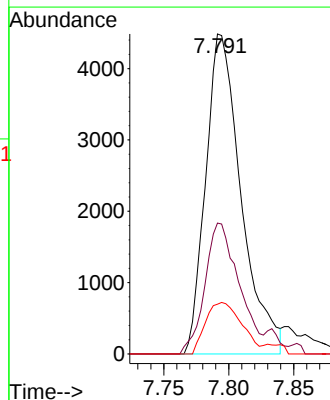
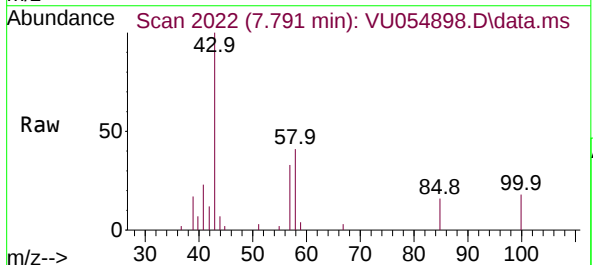
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK

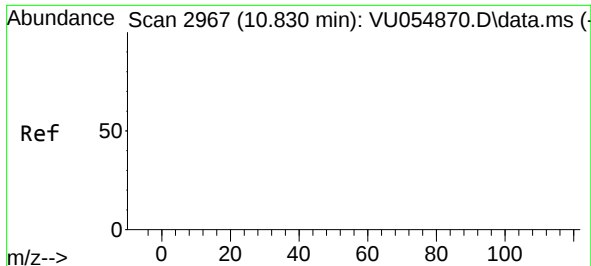
Tgt Ion: 83 Resp: 4011
Ion Ratio Lower Upper
83 100
85 60.8 52.2 78.2
127 5.9 6.1 9.1#



#45
4-Methyl-2-Pentanone
Concen: 2.288 ug/l
RT: 7.791 min Scan# 2022
Delta R.T. 0.003 min
Lab File: VU054898.D
Acq: 27 Jul 2023 16:53

Tgt Ion: 43 Resp: 8514
Ion Ratio Lower Upper
43 100
58 39.5 21.3 63.7
85 16.6 15.3 22.9

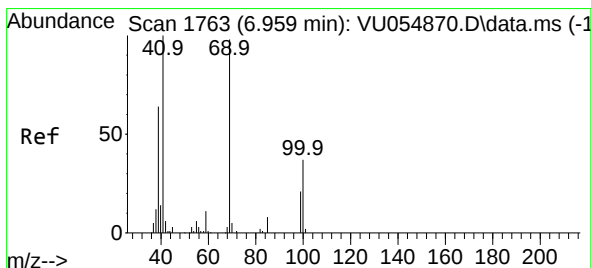
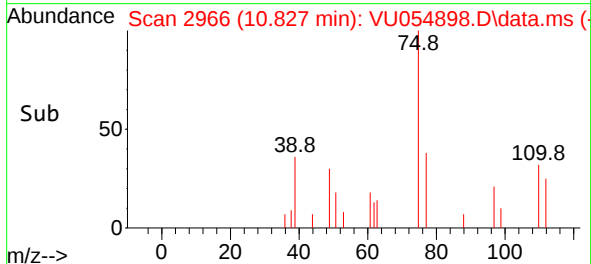
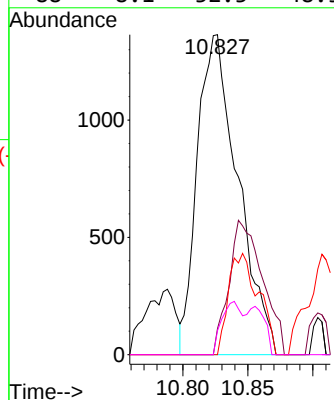
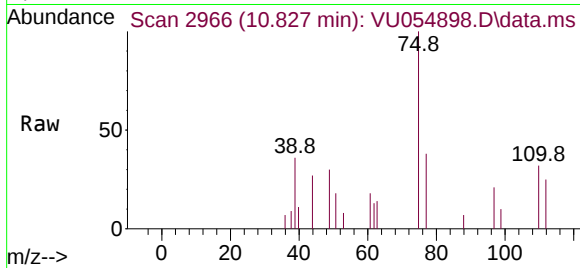




#46
t-1,4-Dichloro-2-butene
Concen: 1.977 ug/l
RT: 10.827 min Scan# 2960
Delta R.T. -0.003 min
Lab File: VU054898.D
Acq: 27 Jul 2023 16:53

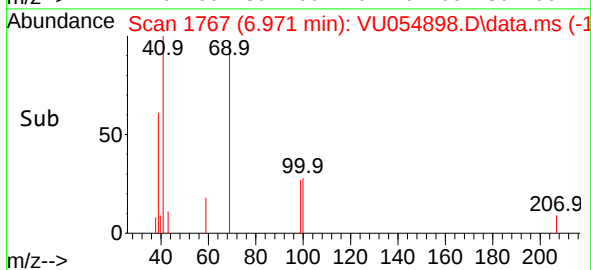
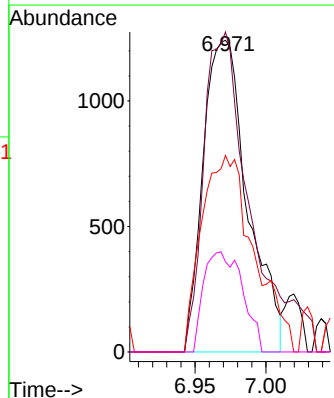
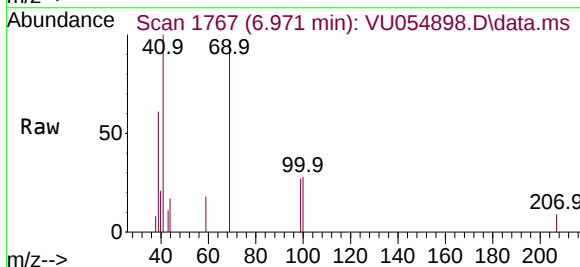
Instrument : MSVOA_U
ClientSampleId : RL-CHECK

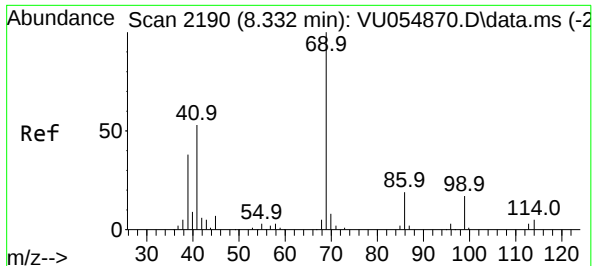
Tgt Ion:	75	Resp:	2960
Ion	Ratio	Lower	Upper
75	100		
53	34.7	62.9	94.3#
89	23.4	47.8	71.8#
88	8.1	32.3	48.5#



#47
Methyl methacrylate
Concen: 0.931 ug/l
RT: 6.971 min Scan# 1767
Delta R.T. 0.013 min
Lab File: VU054898.D
Acq: 27 Jul 2023 16:53

Tgt Ion:	69	Resp:	2713
Ion	Ratio	Lower	Upper
69	100		
41	107.8	0.0	193.0
39	73.9	50.4	75.6
100	28.0	28.8	43.2#





#48

Ethyl methacrylate

Concen: 0.368 ug/l

RT: 8.338 min Scan# 2190

Delta R.T. 0.006 min

Lab File: VU054898.D

Acq: 27 Jul 2023 16:53

Instrument :

MSVOA_U

ClientSampleId :

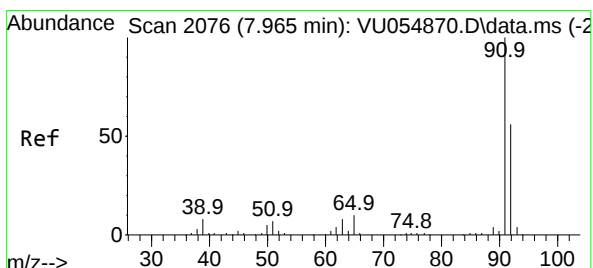
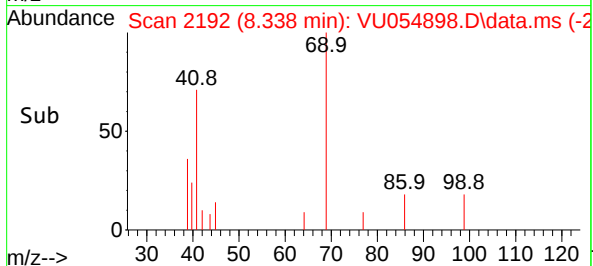
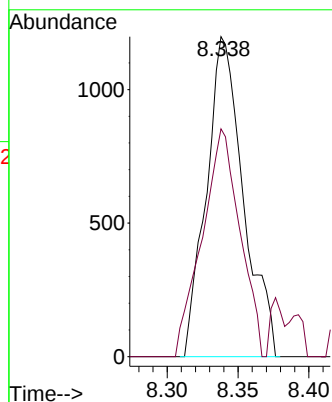
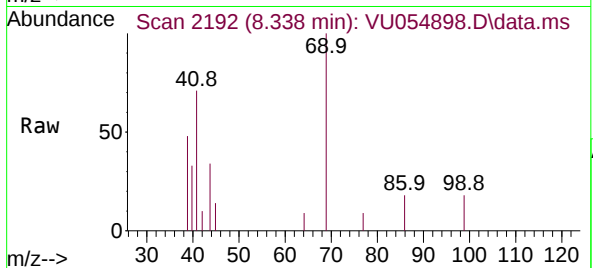
RL-CHECK

Tgt Ion: 69 Resp: 2171

Ion Ratio Lower Upper

69 100

41 72.7 28.8 86.5



#49

Toluene

Concen: 0.433 ug/l

RT: 7.968 min Scan# 2077

Delta R.T. 0.003 min

Lab File: VU054898.D

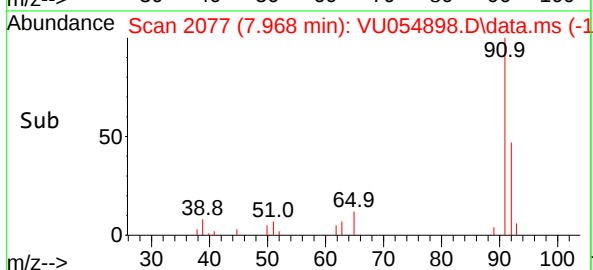
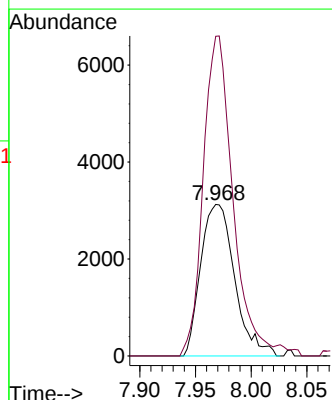
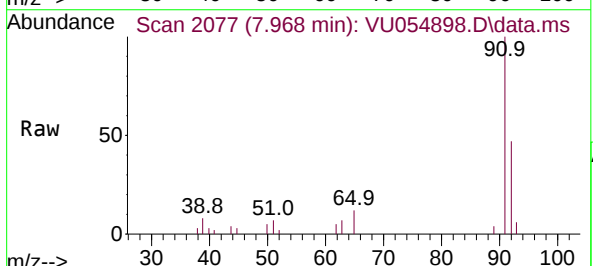
Acq: 27 Jul 2023 16:53

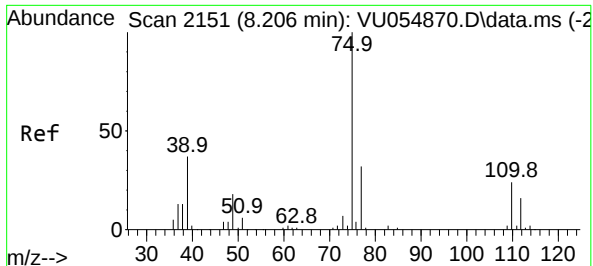
Tgt Ion: 92 Resp: 6621

Ion Ratio Lower Upper

92 100

91 183.3 142.9 214.3





#50

t-1,3-Dichloropropene

Concen: 0.382 ug/l

RT: 8.213 min Scan# 2151

Delta R.T. 0.006 min

Lab File: VU054898.D

Acq: 27 Jul 2023 16:53

Instrument :

MSVOA_U

ClientSampleId :

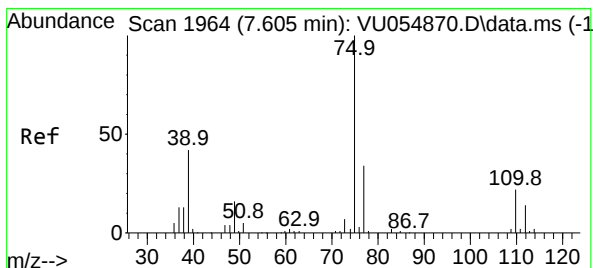
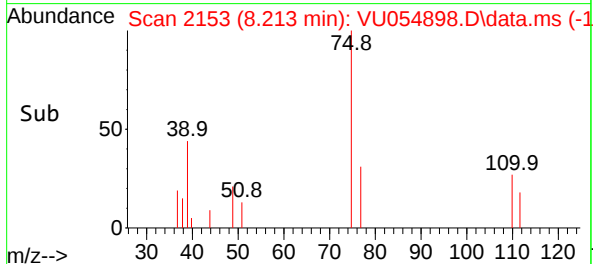
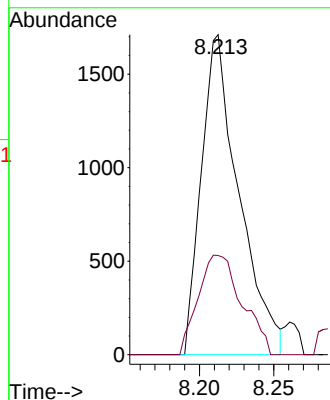
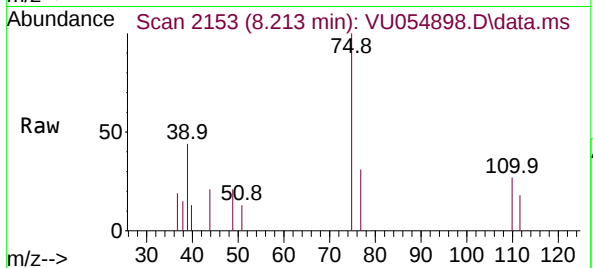
RL-CHECK

Tgt Ion: 75 Resp: 3010

Ion Ratio Lower Upper

75 100

77 31.0 24.9 37.3



#51

cis-1,3-Dichloropropene

Concen: 0.452 ug/l

RT: 7.605 min Scan# 1964

Delta R.T. -0.000 min

Lab File: VU054898.D

Acq: 27 Jul 2023 16:53

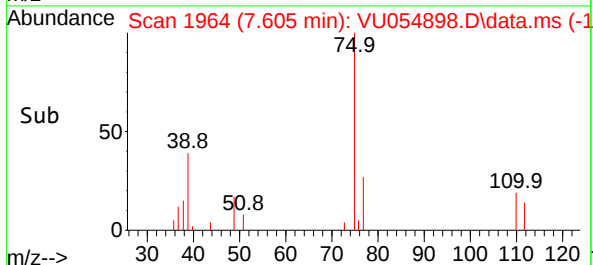
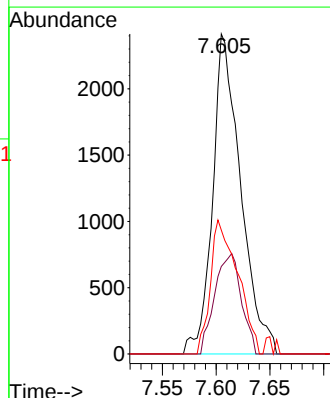
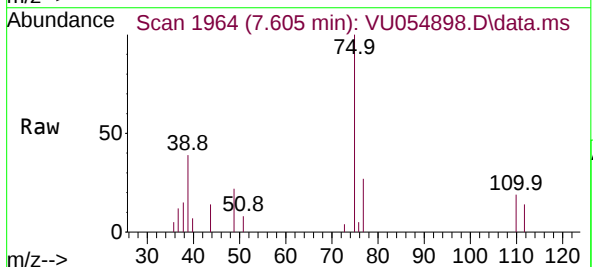
Tgt Ion: 75 Resp: 4384

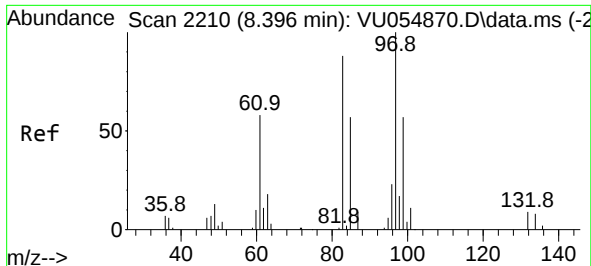
Ion Ratio Lower Upper

75 100

77 27.4 25.8 38.8

39 38.7 31.7 47.5

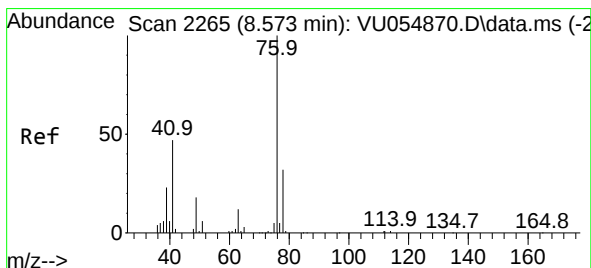
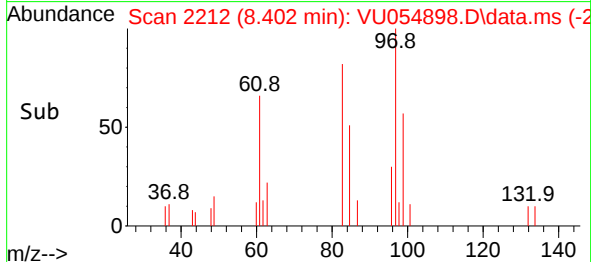
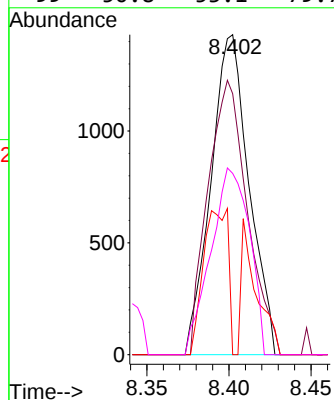
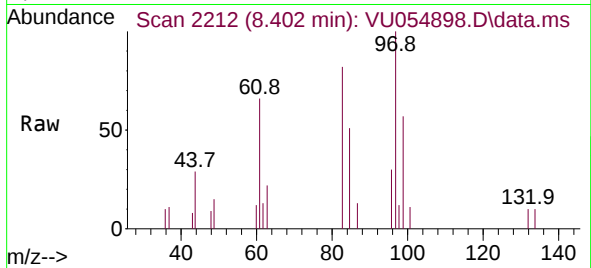




#52
 1,1,2-Trichloroethane
 Concen: 0.456 ug/l
 RT: 8.402 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VU054898.D
 Acq: 27 Jul 2023 16:53

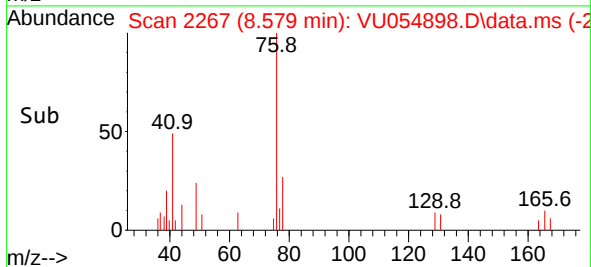
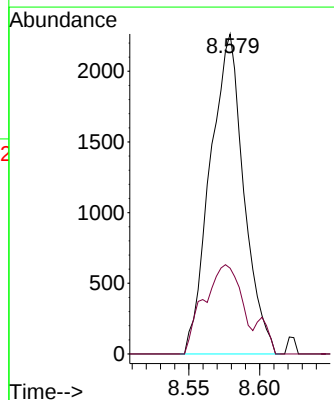
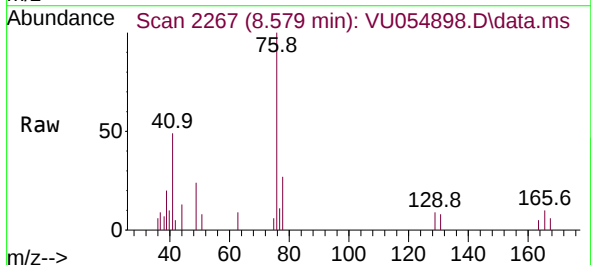
Instrument :
 MSVOA_U
 ClientSampleId :
 RL-CHECK

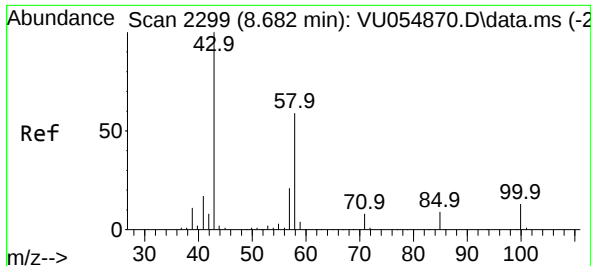
Tgt Ion: 97 Resp: 2307
 Ion Ratio Lower Upper
 97 100
 83 73.0 77.4 116.2#
 85 0.0 47.8 71.8#
 99 50.8 53.1 79.7#



#53
 1,3-Dichloropropane
 Concen: 0.457 ug/l
 RT: 8.579 min Scan# 2267
 Delta R.T. 0.006 min
 Lab File: VU054898.D
 Acq: 27 Jul 2023 16:53

Tgt Ion: 76 Resp: 3739
 Ion Ratio Lower Upper
 76 100
 78 31.3 24.6 36.8

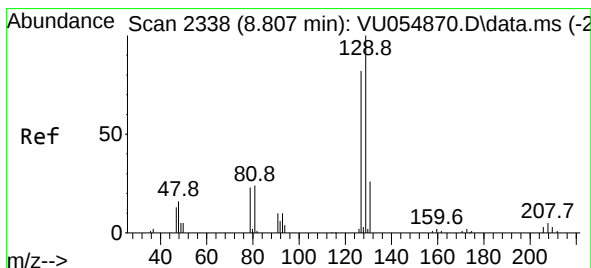
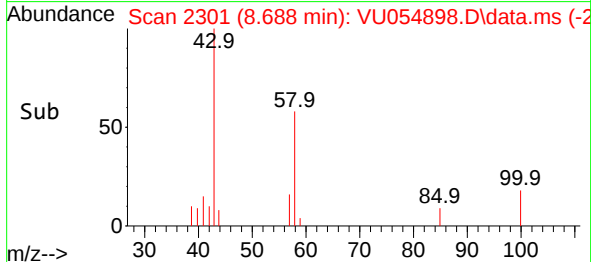
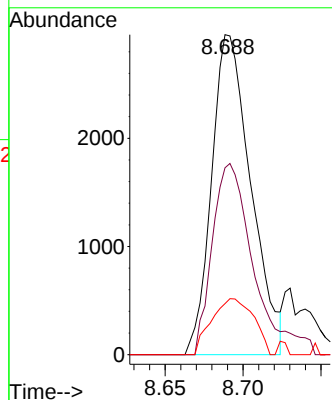
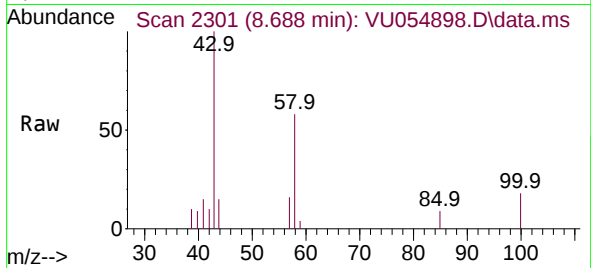




#54
2-Hexanone
Concen: 1.961 ug/l
RT: 8.688 min Scan# 21
Delta R.T. 0.006 min
Lab File: VU054898.D
Acq: 27 Jul 2023 16:53

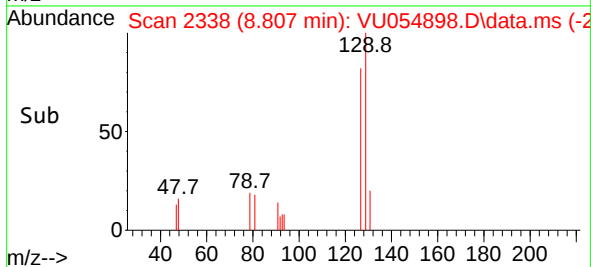
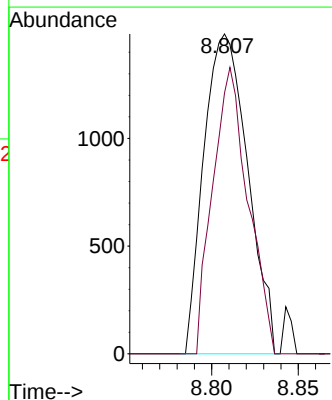
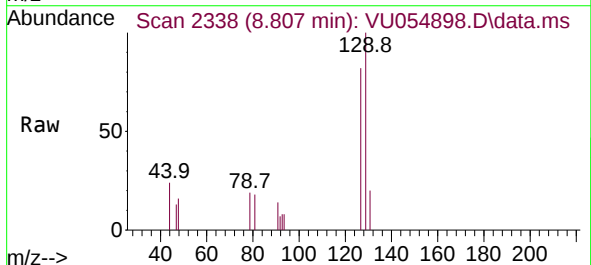
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK

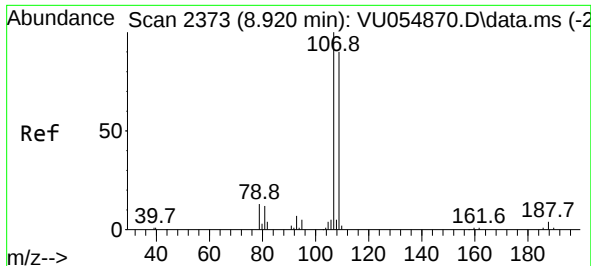
Tgt Ion: 43 Resp: 5185
Ion Ratio Lower Upper
43 100
58 62.5 38.9 78.9
57 18.7 0.0 38.7



#55
Dibromochloromethane
Concen: 0.452 ug/l
RT: 8.807 min Scan# 2338
Delta R.T. -0.000 min
Lab File: VU054898.D
Acq: 27 Jul 2023 16:53

Tgt Ion: 129 Resp: 2617
Ion Ratio Lower Upper
129 100
127 72.1 61.4 92.0

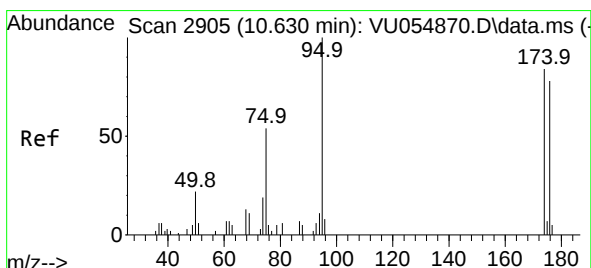
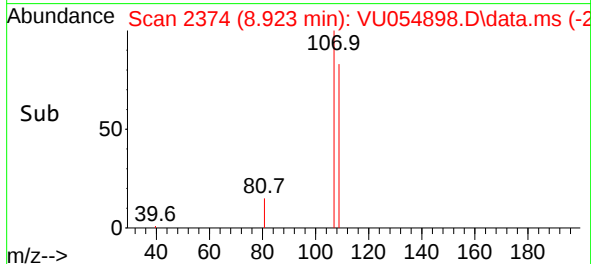
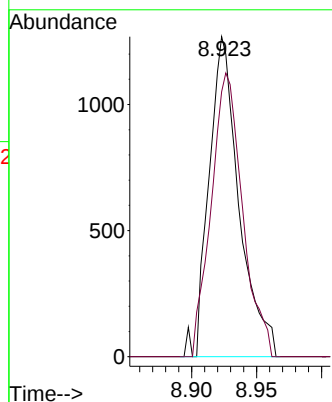
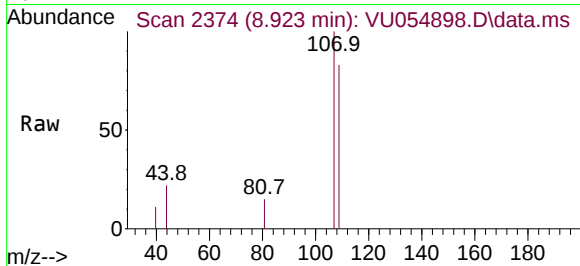




#56
1,2-Dibromoethane
Concen: 0.475 ug/l
RT: 8.923 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU054898.D
Acq: 27 Jul 2023 16:53

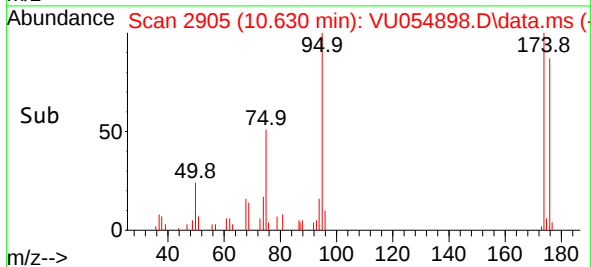
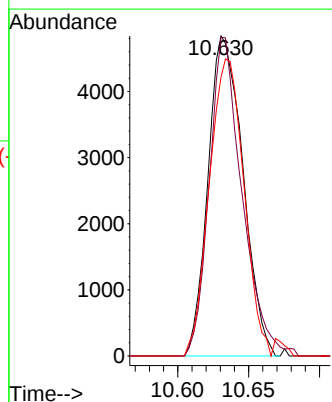
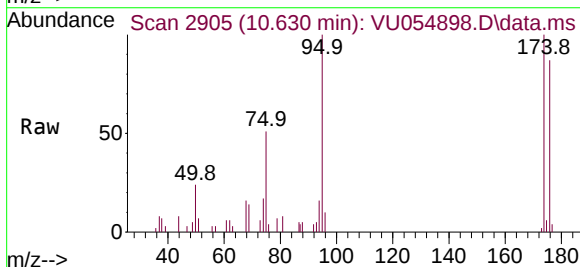
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK

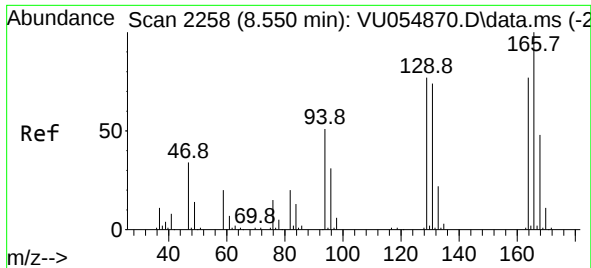
Tgt Ion:107 Resp: 2035
Ion Ratio Lower Upper
107 100
109 92.7 0.0 185.4



#57
4-Bromofluorobenzene
Concen: 1.024 ug/l
RT: 10.630 min Scan# 2905
Delta R.T. -0.000 min
Lab File: VU054898.D
Acq: 27 Jul 2023 16:53

Tgt Ion: 95 Resp: 8275
Ion Ratio Lower Upper
95 100
174 93.8 79.3 118.9
176 92.0 71.5 107.3

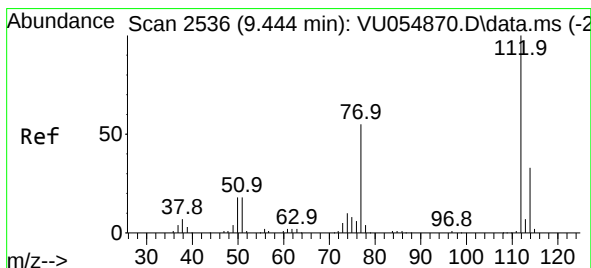
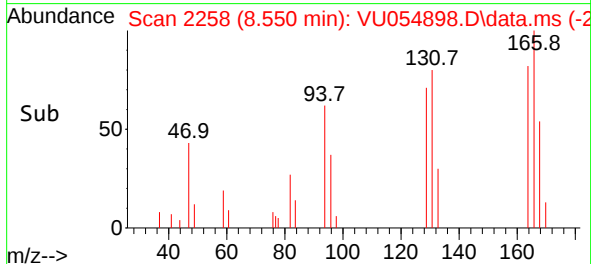
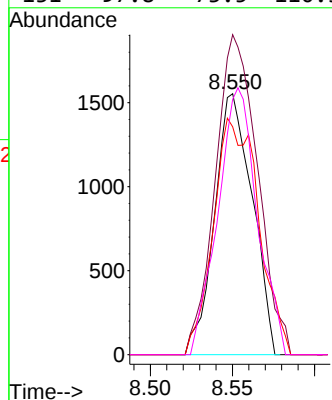
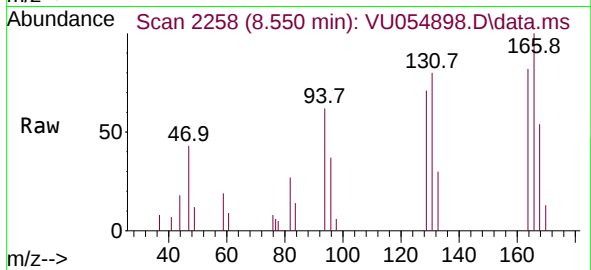




#58
Tetrachloroethene
Concen: 0.439 ug/l
RT: 8.550 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU054898.D
Acq: 27 Jul 2023 16:53

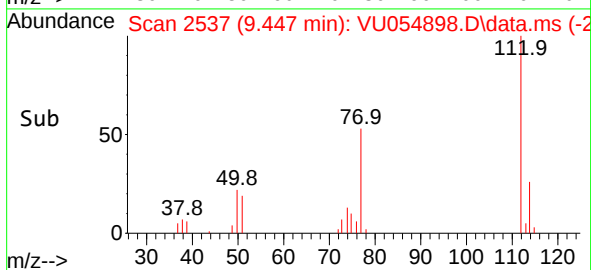
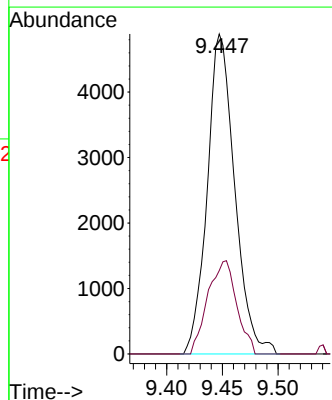
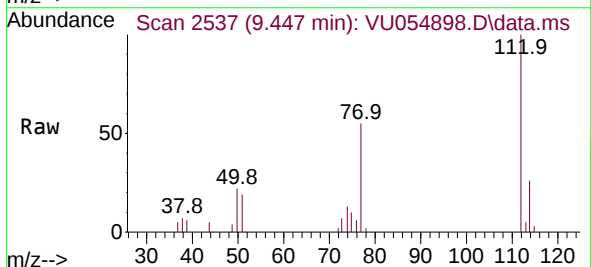
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK

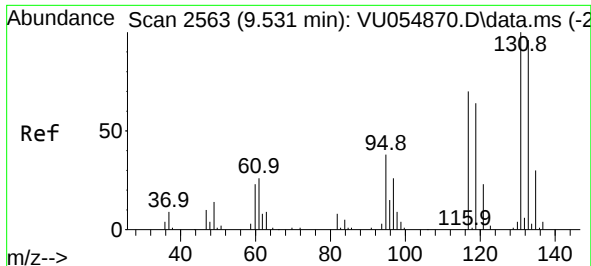
Tgt Ion:164 Resp: 2478
Ion Ratio Lower Upper
164 100
166 122.6 100.4 150.6
129 87.3 71.9 107.9
131 97.8 73.5 110.3



#59
Chlorobenzene
Concen: 0.452 ug/l
RT: 9.447 min Scan# 2537
Delta R.T. 0.003 min
Lab File: VU054898.D
Acq: 27 Jul 2023 16:53

Tgt Ion:112 Resp: 8393
Ion Ratio Lower Upper
112 100
114 26.0 25.0 37.6

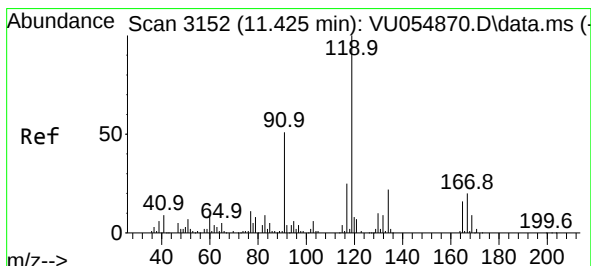
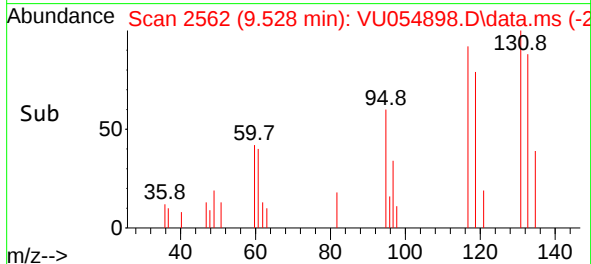
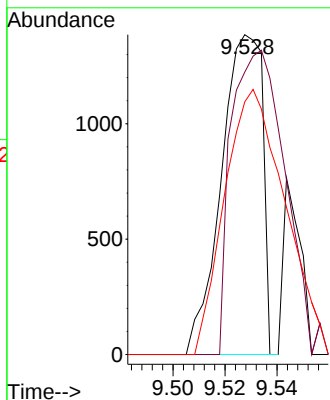
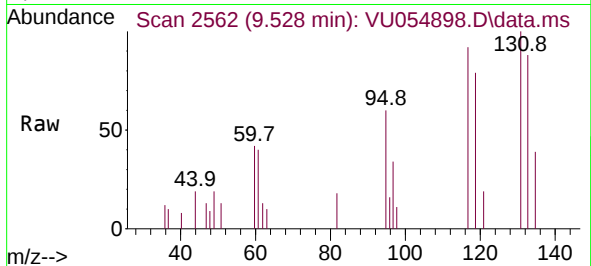




#60
1,1,1,2-Tetrachloroethane
Concen: 0.232 ug/l
RT: 9.528 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU054898.D
Acq: 27 Jul 2023 16:53

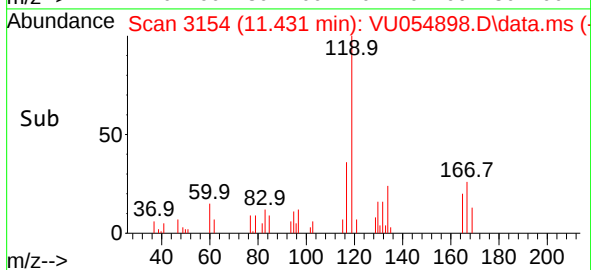
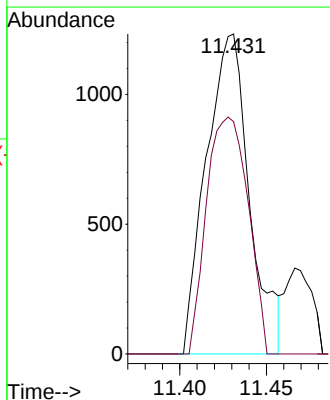
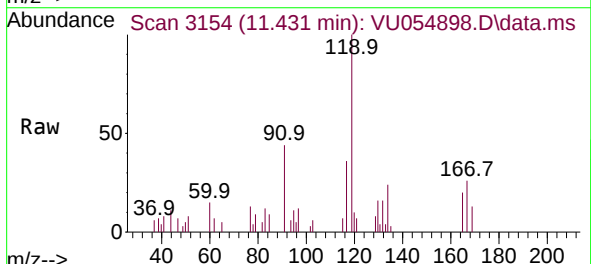
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK

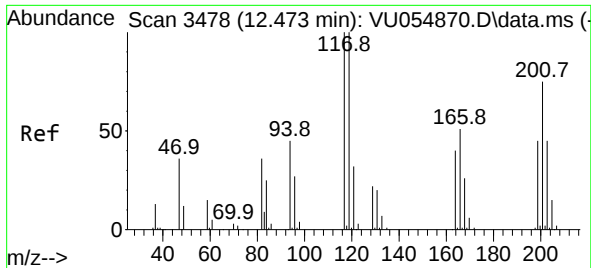
Tgt Ion:131 Resp: 1523
Ion Ratio Lower Upper
131 100
133 124.8 74.2 111.4#
119 121.9 51.0 76.4#



#61
Pentachloroethane
Concen: 0.419 ug/l
RT: 11.431 min Scan# 3154
Delta R.T. 0.006 min
Lab File: VU054898.D
Acq: 27 Jul 2023 16:53

Tgt Ion:117 Resp: 2145
Ion Ratio Lower Upper
117 100
167 71.1 65.3 97.9

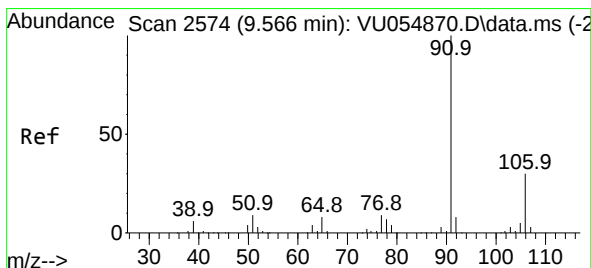
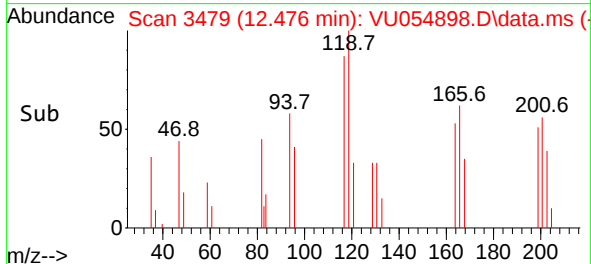
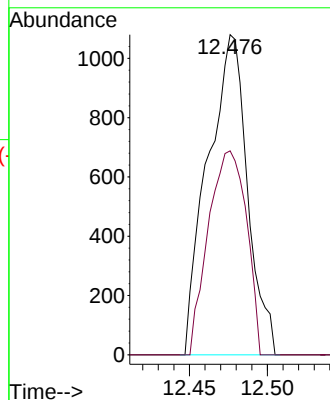
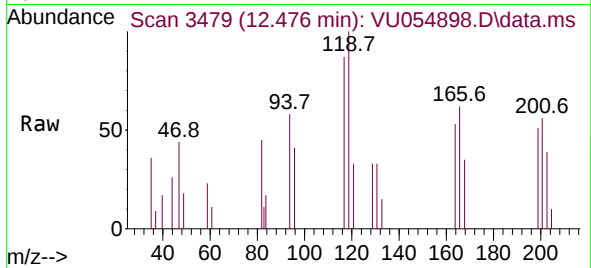




#62
Hexachloroethane
Concen: 0.363 ug/l
RT: 12.476 min Scan# 3478
Delta R.T. 0.003 min
Lab File: VU054898.D
Acq: 27 Jul 2023 16:53

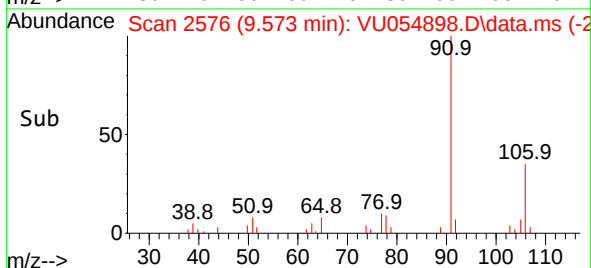
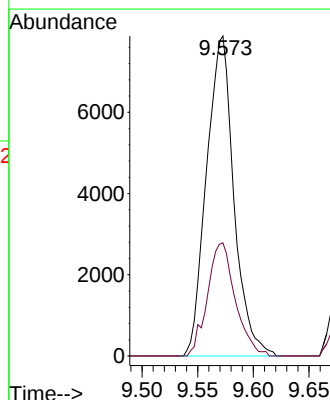
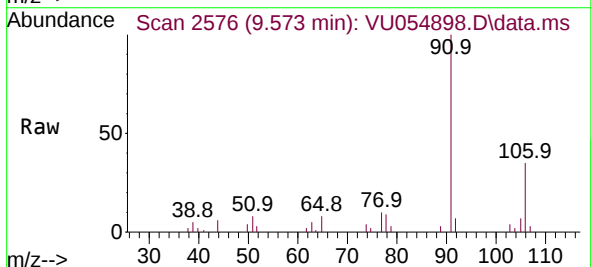
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK

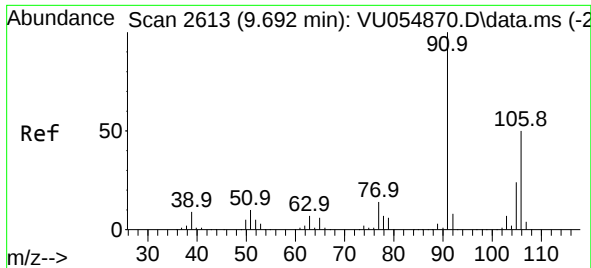
Tgt Ion:117 Resp: 1912
Ion Ratio Lower Upper
117 100
201 61.1 56.1 84.1



#63
Ethyl Benzene
Concen: 0.432 ug/l
RT: 9.573 min Scan# 2576
Delta R.T. 0.006 min
Lab File: VU054898.D
Acq: 27 Jul 2023 16:53

Tgt Ion: 91 Resp: 13464
Ion Ratio Lower Upper
91 100
106 35.4 24.2 36.2

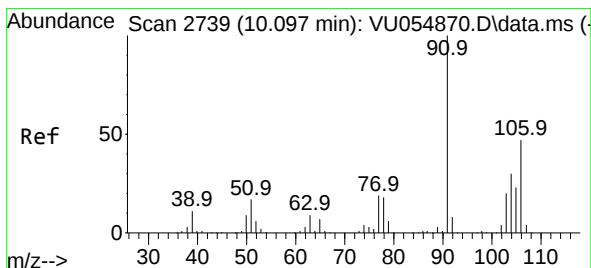
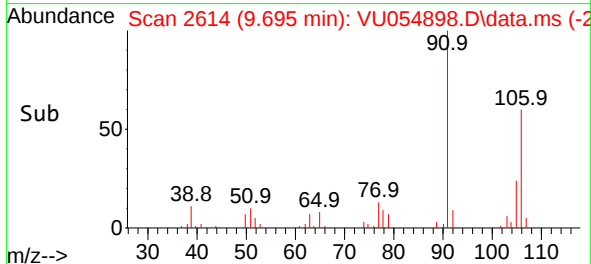
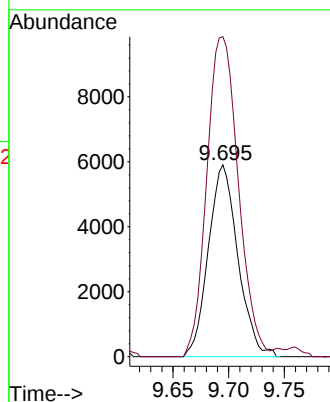
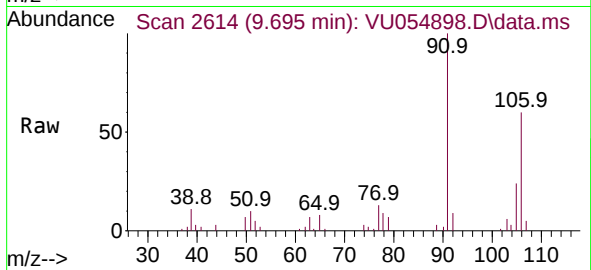




#64
m/p-Xylenes
Concen: 0.934 ug/l
RT: 9.695 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU054898.D
Acq: 27 Jul 2023 16:53

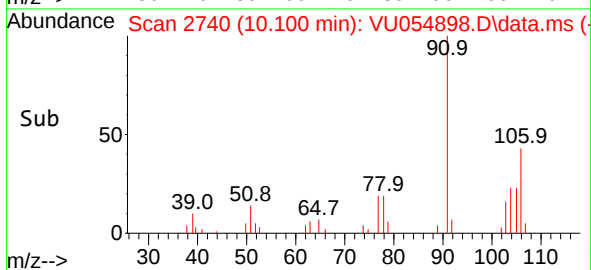
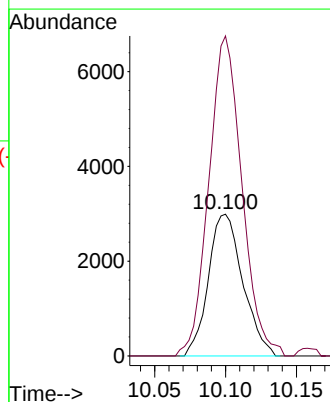
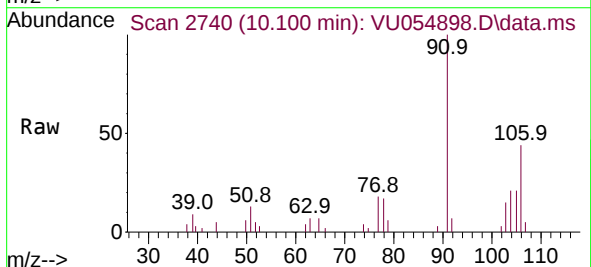
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK

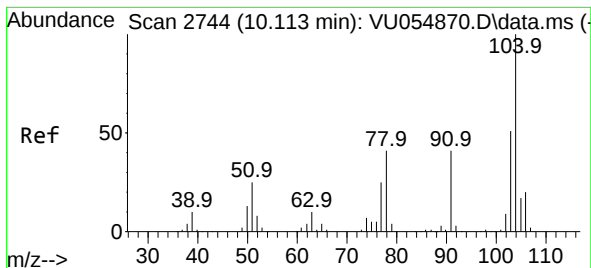
Tgt Ion:106 Resp: 10891
Ion Ratio Lower Upper
106 100
91 178.1 158.8 238.2



#65
o-Xylene
Concen: 0.423 ug/l
RT: 10.100 min Scan# 2740
Delta R.T. 0.003 min
Lab File: VU054898.D
Acq: 27 Jul 2023 16:53

Tgt Ion:106 Resp: 5067
Ion Ratio Lower Upper
106 100
91 216.5 108.9 326.8





#66

Styrene

Concen: 0.416 ug/l

RT: 10.119 min Scan# 21

Delta R.T. 0.006 min

Lab File: VU054898.D

Acq: 27 Jul 2023 16:53

Instrument :

MSVOA_U

ClientSampleId :

RL-CHECK

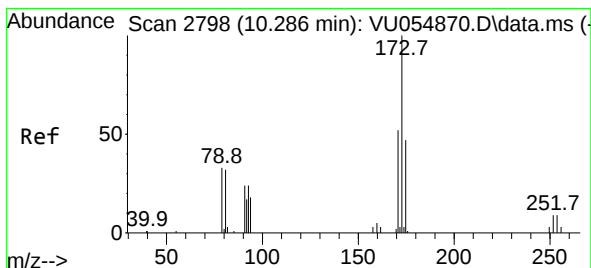
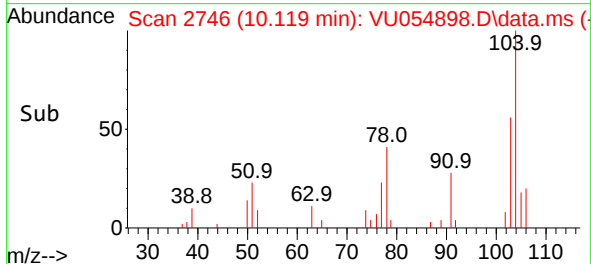
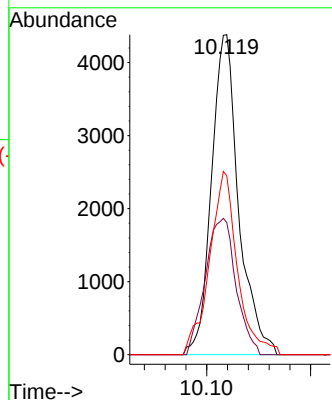
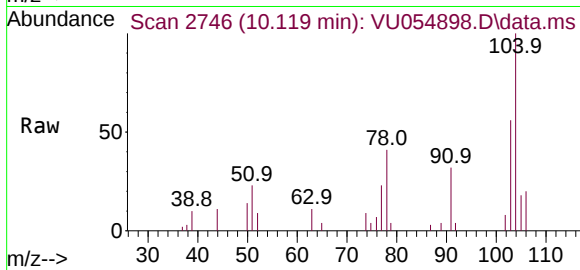
Tgt Ion:104 Resp: 7973

Ion Ratio Lower Upper

104 100

78 48.1 37.5 56.3

103 58.7 45.2 67.8



#67

Bromoform

Concen: 0.452 ug/l

RT: 10.293 min Scan# 2800

Delta R.T. 0.006 min

Lab File: VU054898.D

Acq: 27 Jul 2023 16:53

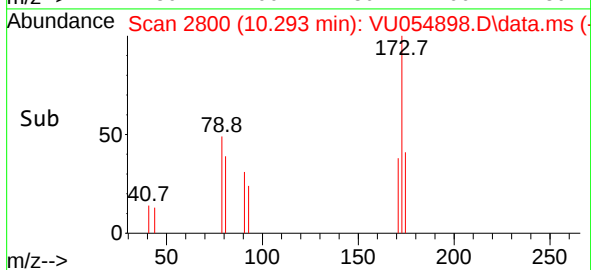
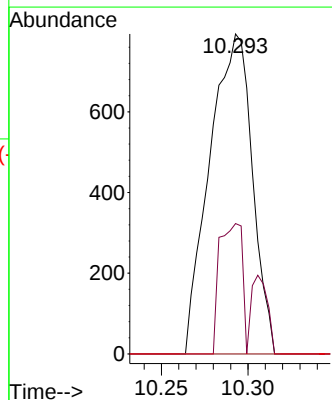
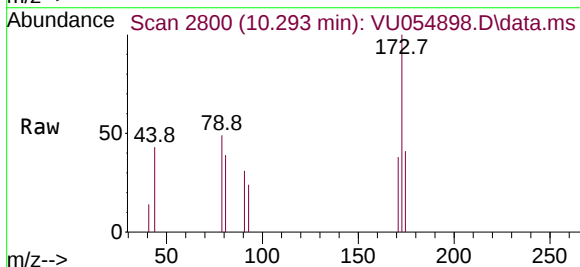
Tgt Ion:173 Resp: 1357

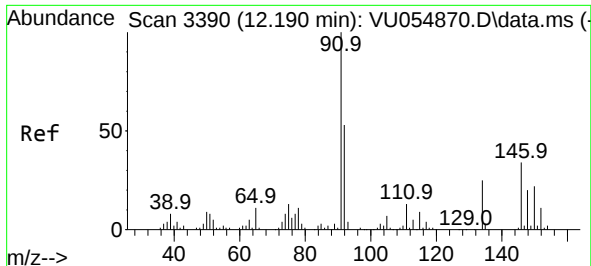
Ion Ratio Lower Upper

173 100

175 21.7 39.0 58.6#

254 0.0 7.4 11.0#

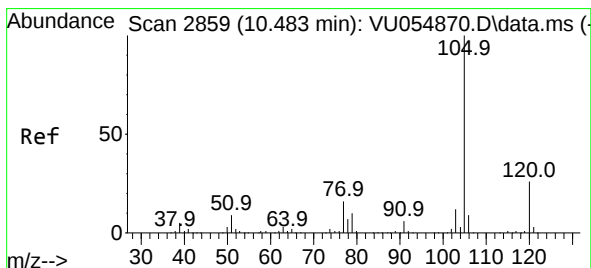
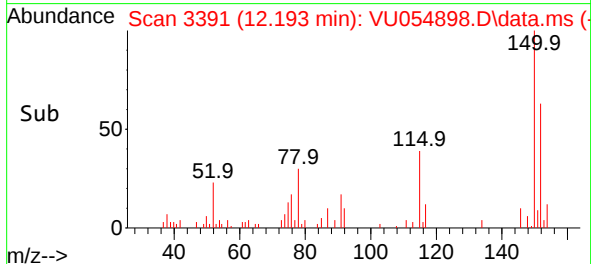
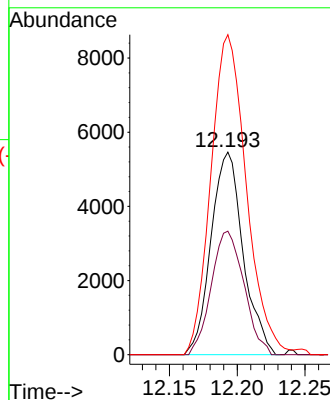
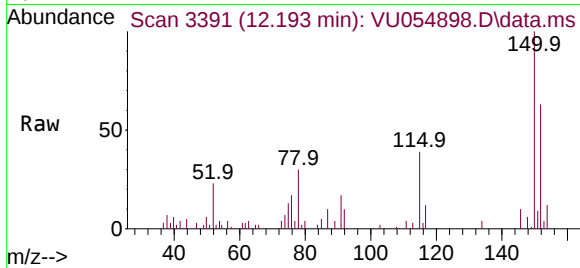




#68
1,2-Dichlorobenzene-d4
Concen: 0.984 ug/l
RT: 12.193 min Scan# 3391
Delta R.T. 0.003 min
Lab File: VU054898.D
Acq: 27 Jul 2023 16:53

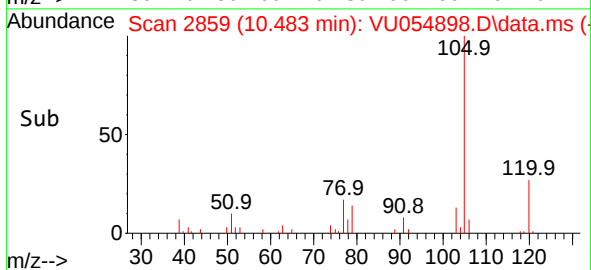
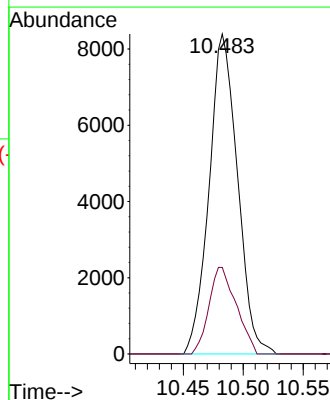
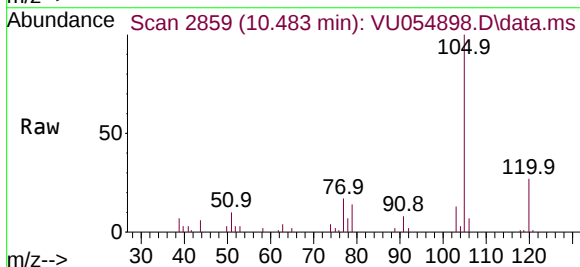
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK

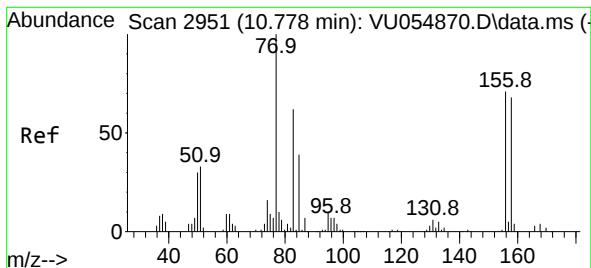
Tgt Ion:	152	Resp:	8989
Ion Ratio	Lower	Upper	
152	100		
115	62.0	0.0	234.8
150	174.8	0.0	598.2



#69
Isopropylbenzene
Concen: 0.429 ug/l
RT: 10.483 min Scan# 2859
Delta R.T. -0.000 min
Lab File: VU054898.D
Acq: 27 Jul 2023 16:53

Tgt Ion:	105	Resp:	13796
Ion Ratio	Lower	Upper	
105	100		
120	26.0	12.6	37.6

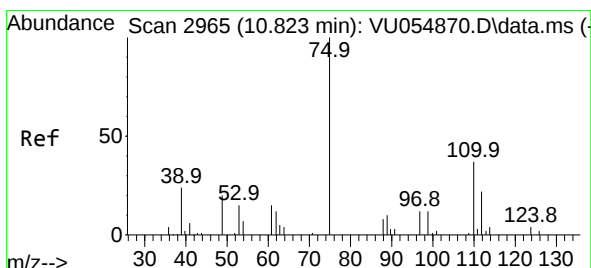
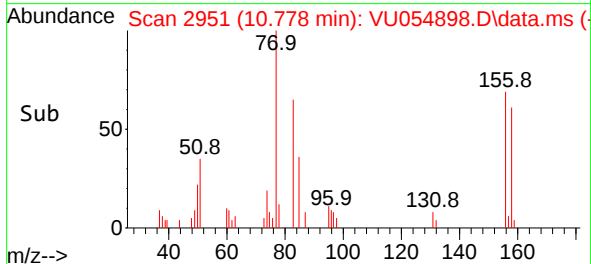
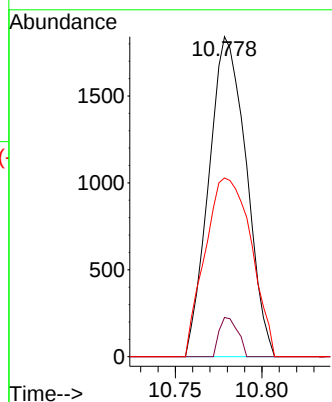
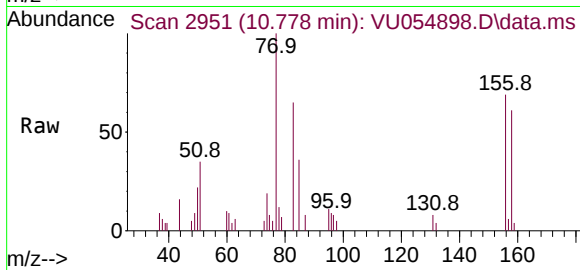




#70
 1,1,2,2-Tetrachloroethane
 Concen: 0.442 ug/l
 RT: 10.778 min Scan# 2951
 Delta R.T. -0.000 min
 Lab File: VU054898.D
 Acq: 27 Jul 2023 16:53

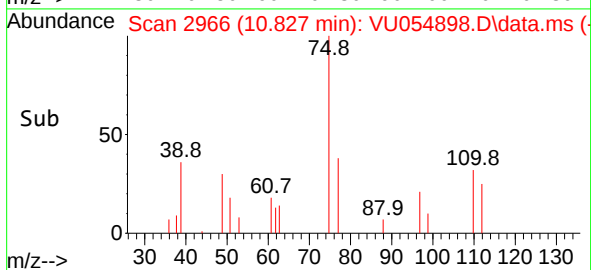
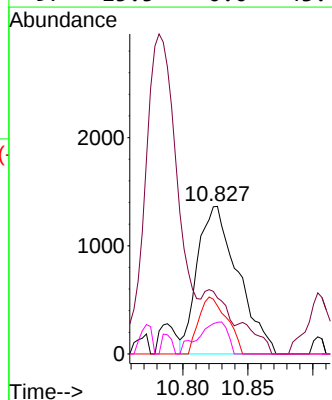
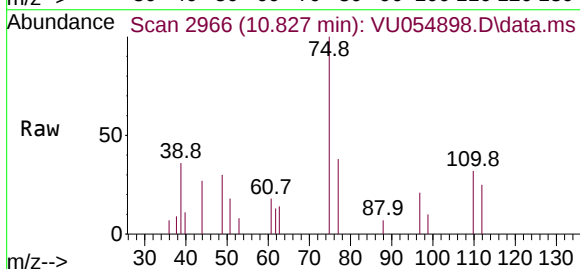
Instrument :
 MSVOA_U
 ClientSampleId :
 RL-CHECK

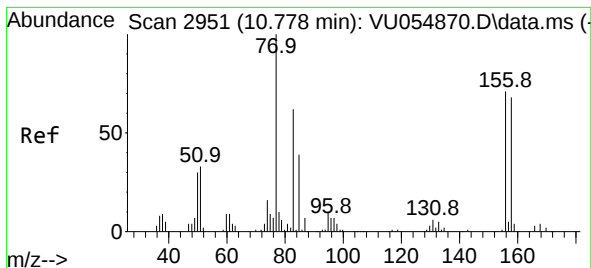
Tgt Ion: 83 Resp: 2763
 Ion Ratio Lower Upper
 83 100
 131 6.1 7.5 11.3#
 85 68.9 53.0 79.6



#71
 1,2,3-Trichloropropane
 Concen: 0.664 ug/l
 RT: 10.827 min Scan# 2966
 Delta R.T. 0.003 min
 Lab File: VU054898.D
 Acq: 27 Jul 2023 16:53

Tgt Ion: 75 Resp: 2960
 Ion Ratio Lower Upper
 75 100
 77 23.6 0.0 0.0#
 110 26.7 0.0 80.8
 97 15.5 0.0 43.4





#72

Bromobenzene

Concen: 0.482 ug/l

RT: 10.782 min Scan# 2951

Delta R.T. 0.003 min

Lab File: VU054898.D

Acq: 27 Jul 2023 16:53

Instrument :

MSVOA_U

ClientSampleId :

RL-CHECK

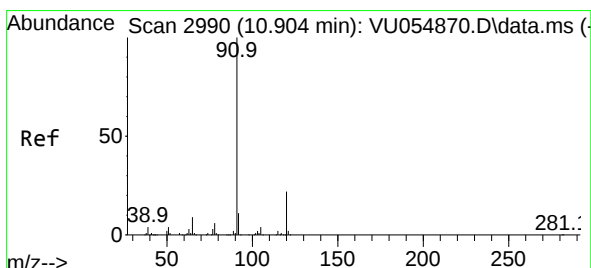
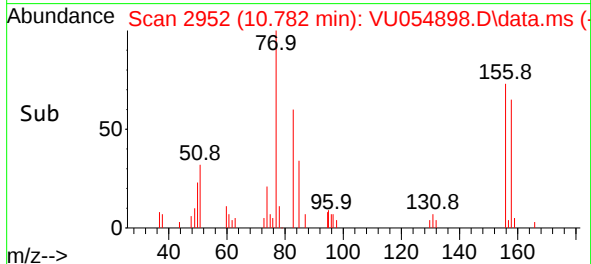
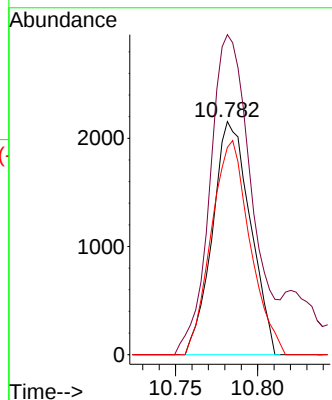
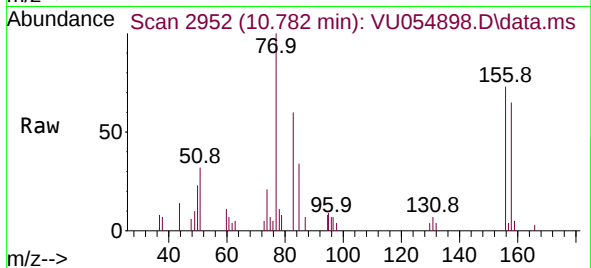
Tgt Ion:156 Resp: 3449

Ion Ratio Lower Upper

156 100

77 151.5 0.0 293.2

158 94.0 0.0 189.8



#73

n-propylbenzene

Concen: 0.415 ug/l

RT: 10.904 min Scan# 2990

Delta R.T. -0.000 min

Lab File: VU054898.D

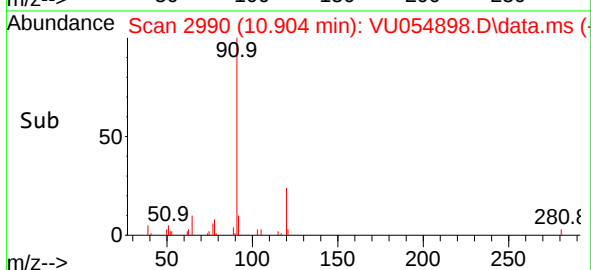
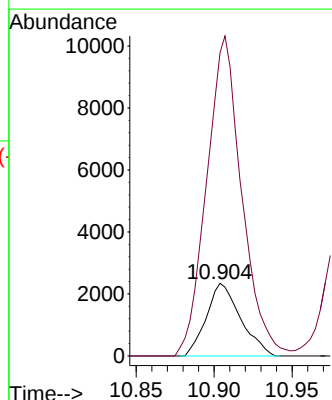
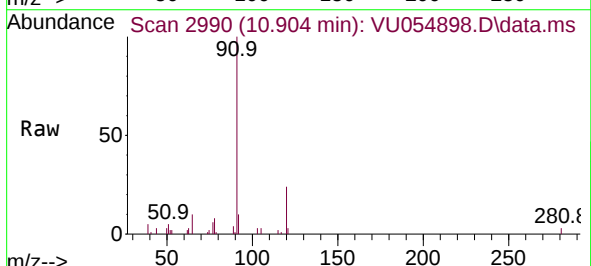
Acq: 27 Jul 2023 16:53

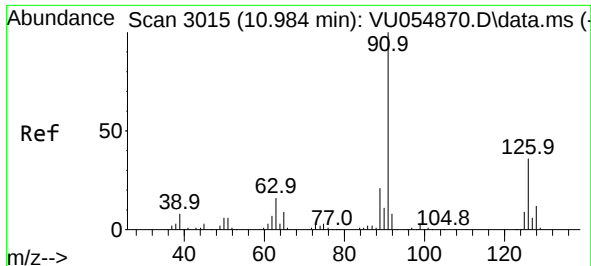
Tgt Ion:120 Resp: 3573

Ion Ratio Lower Upper

120 100

91 452.5 361.8 542.6

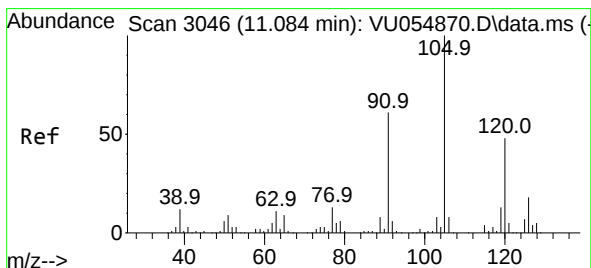
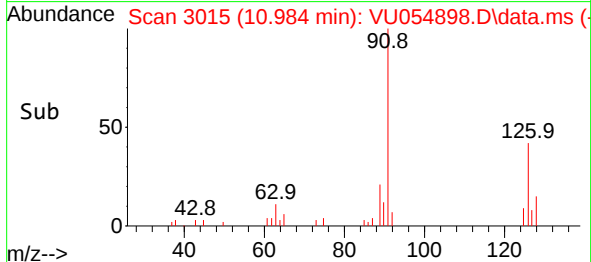
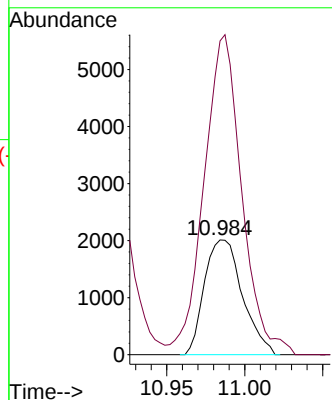
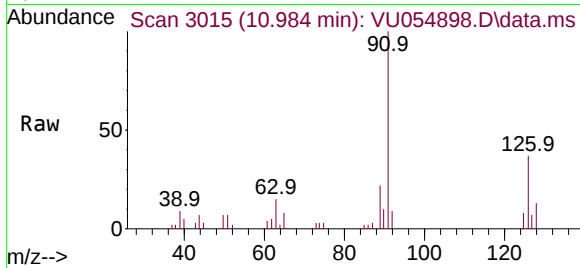




#74
2-Chlorotoluene
Concen: 0.458 ug/l
RT: 10.984 min Scan# 3015
Delta R.T. -0.000 min
Lab File: VU054898.D
Acq: 27 Jul 2023 16:53

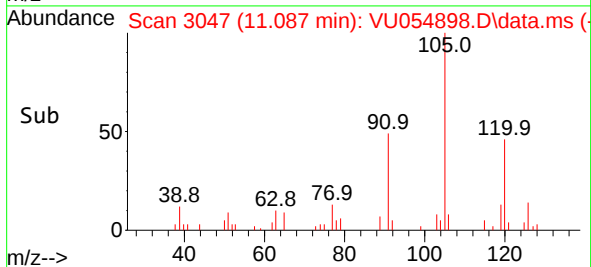
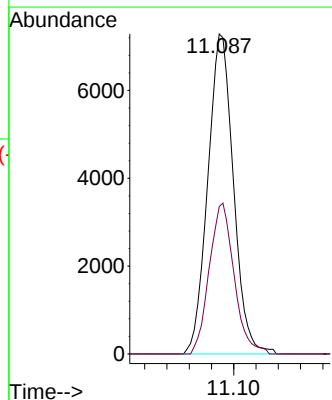
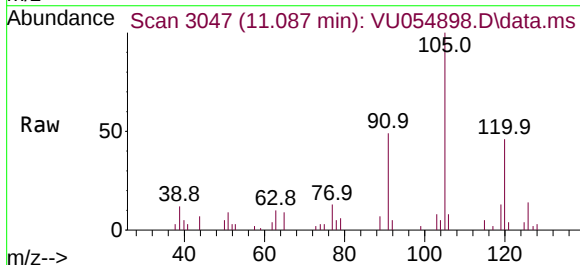
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK

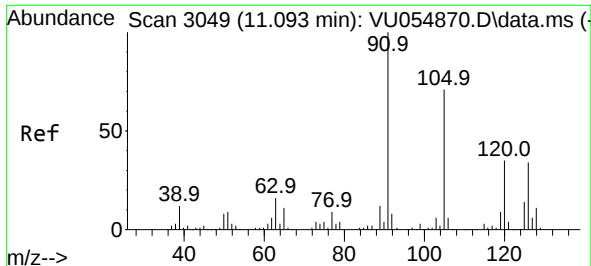
Tgt Ion:126 Resp: 3408
Ion Ratio Lower Upper
126 100
91 277.0 0.0 561.4



#75
1,3,5-Trimethylbenzene
Concen: 0.447 ug/l
RT: 11.087 min Scan# 3047
Delta R.T. 0.003 min
Lab File: VU054898.D
Acq: 27 Jul 2023 16:53

Tgt Ion:105 Resp: 11633
Ion Ratio Lower Upper
105 100
120 45.7 39.0 58.4

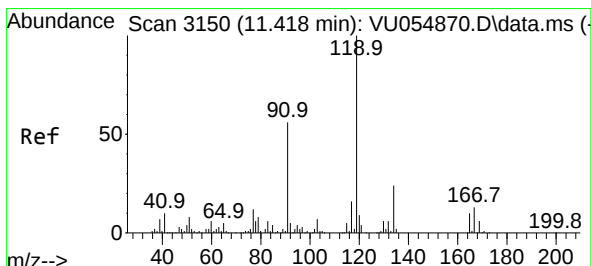
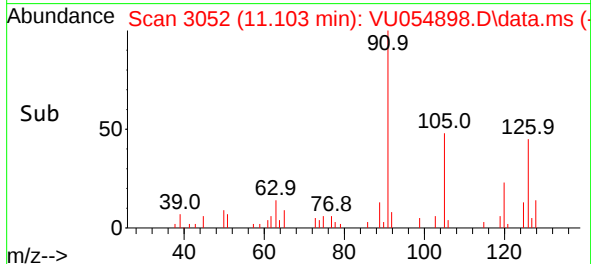
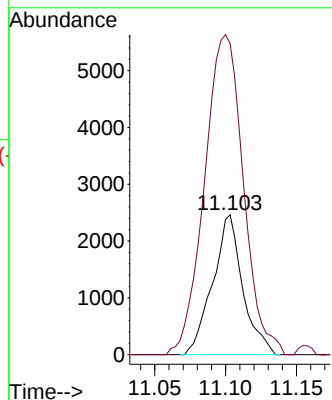
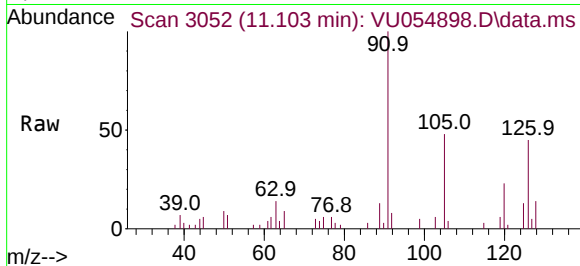




#76
4-Chlorotoluene
Concen: 0.469 ug/l
RT: 11.103 min Scan# 3049
Delta R.T. 0.010 min
Lab File: VU054898.D
Acq: 27 Jul 2023 16:53

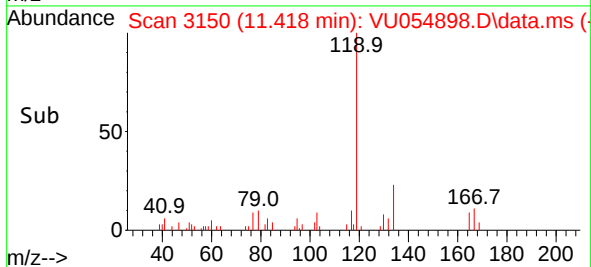
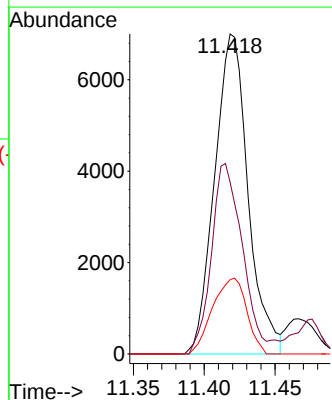
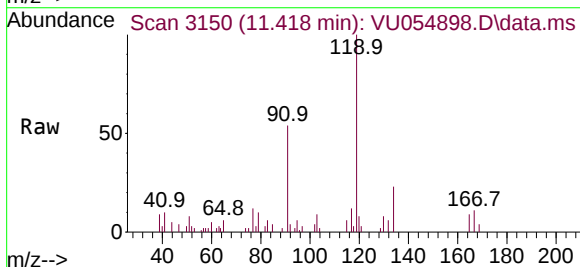
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK

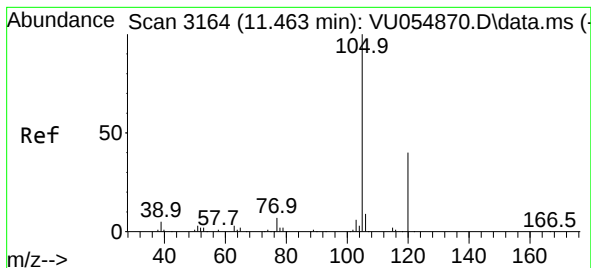
Tgt Ion:126 Resp: 3627
Ion Ratio Lower Upper
126 100
91 296.4 0.0 623.4



#77
tert-Butylbenzene
Concen: 0.425 ug/l
RT: 11.418 min Scan# 3150
Delta R.T. -0.000 min
Lab File: VU054898.D
Acq: 27 Jul 2023 16:53

Tgt Ion:119 Resp: 11502
Ion Ratio Lower Upper
119 100
91 55.1 27.7 83.1
134 24.1 18.6 27.8





#78

1,2,4-Trimethylbenzene

Concen: 0.398 ug/l

RT: 11.466 min Scan# 3165

Delta R.T. 0.003 min

Lab File: VU054898.D

Acq: 27 Jul 2023 16:53

Instrument :

MSVOA_U

ClientSampleId :

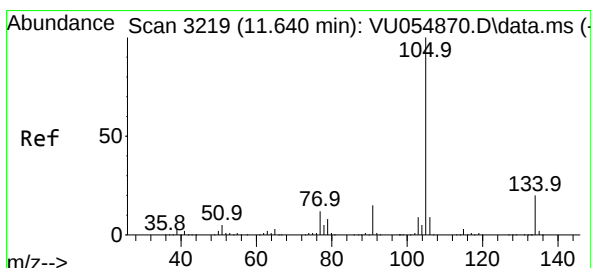
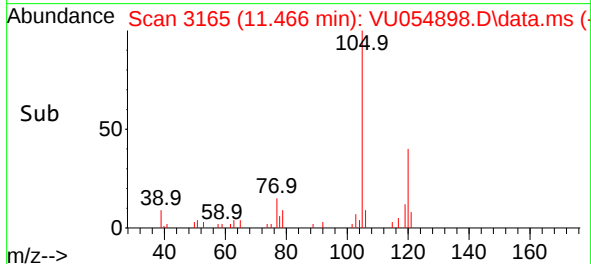
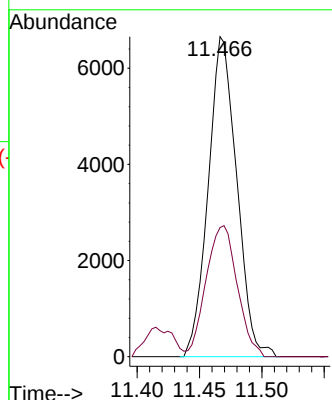
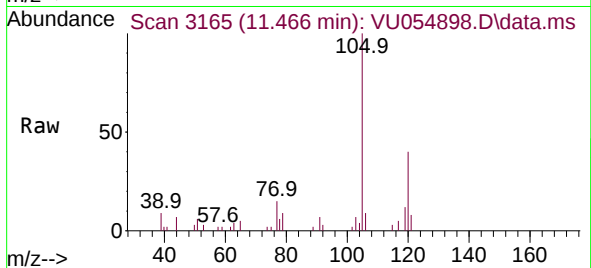
RL-CHECK

Tgt Ion:105 Resp: 10598

Ion Ratio Lower Upper

105 100

120 44.8 22.4 67.3



#79

sec-Butylbenzene

Concen: 0.396 ug/l

RT: 11.643 min Scan# 3220

Delta R.T. 0.003 min

Lab File: VU054898.D

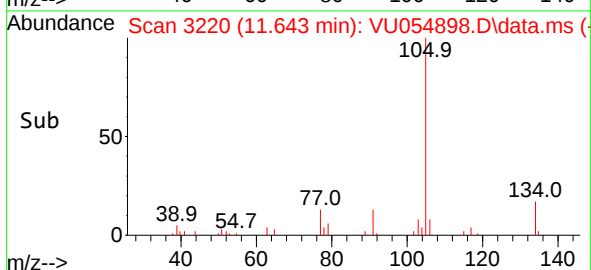
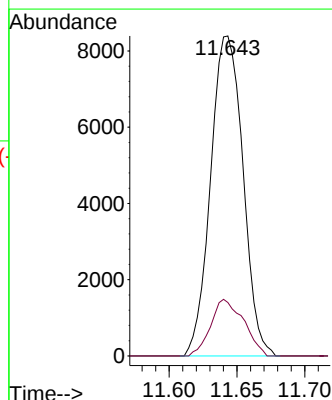
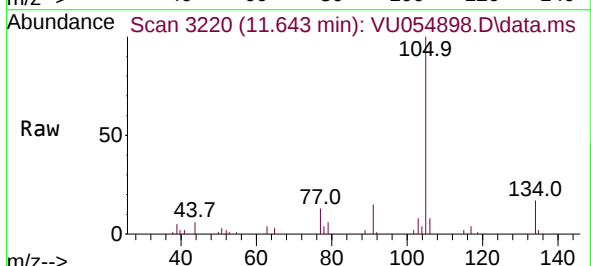
Acq: 27 Jul 2023 16:53

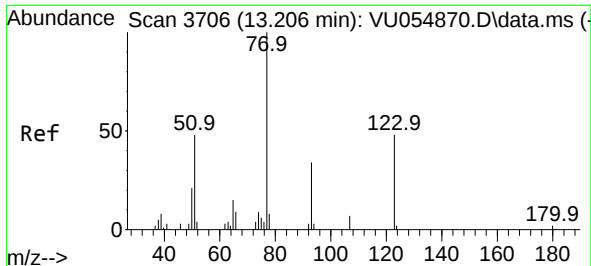
Tgt Ion:105 Resp: 13933

Ion Ratio Lower Upper

105 100

134 18.1 15.7 23.5

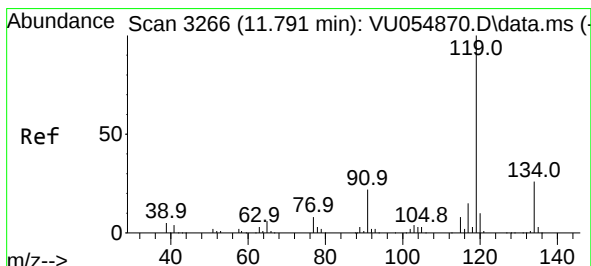
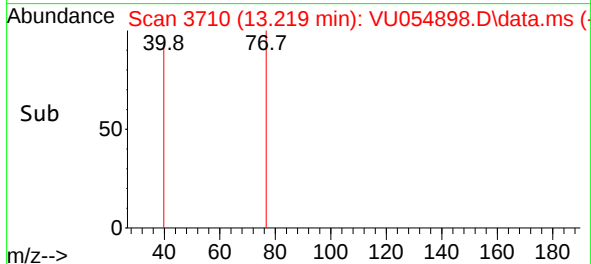
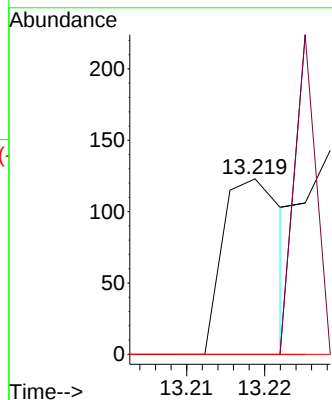
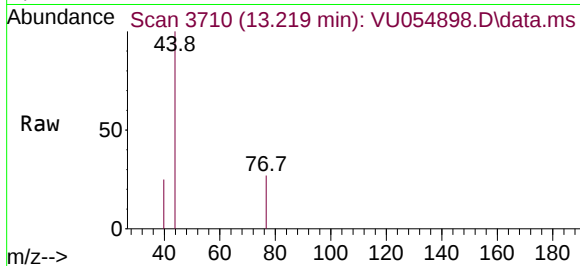




#80
Nitrobenzene
Concen: 0.401 ug/l
RT: 13.219 min Scan# 3710
Delta R.T. 0.013 min
Lab File: VU054898.D
Acq: 27 Jul 2023 16:53

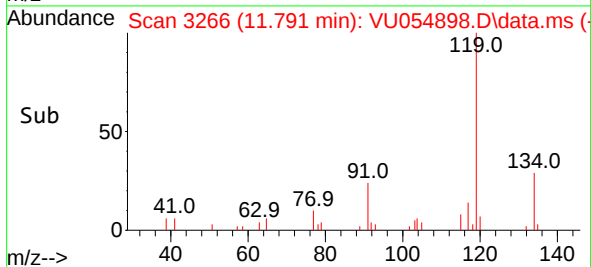
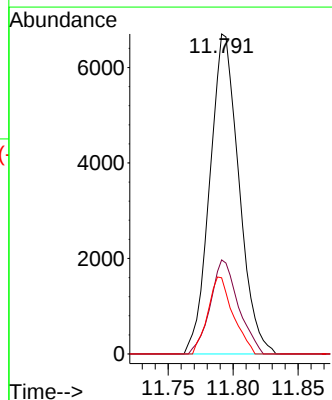
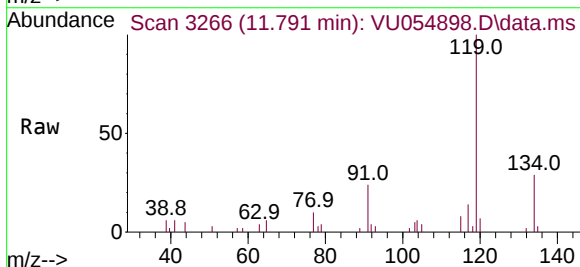
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK

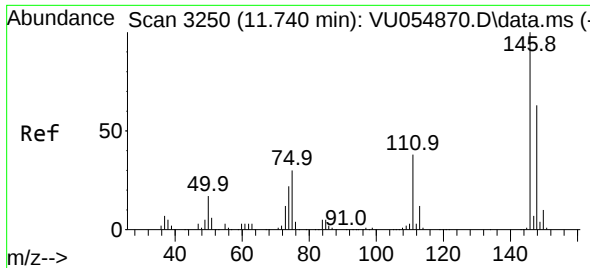
Tgt Ion: 77 Resp: 66
Ion Ratio Lower Upper
77 100
123 0.0 20.2 71.8#
65 0.0 11.7 14.9#



#81
p-Isopropyltoluene
Concen: 0.375 ug/l
RT: 11.791 min Scan# 3266
Delta R.T. -0.000 min
Lab File: VU054898.D
Acq: 27 Jul 2023 16:53

Tgt Ion: 119 Resp: 10428
Ion Ratio Lower Upper
119 100
134 28.3 20.6 31.0
91 20.8 18.2 27.4

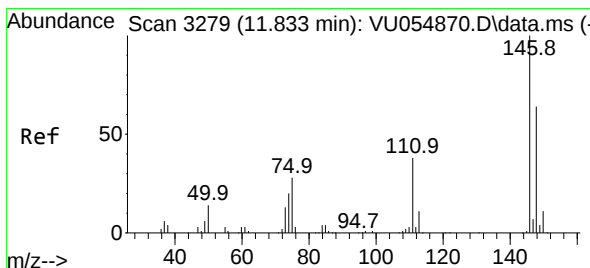
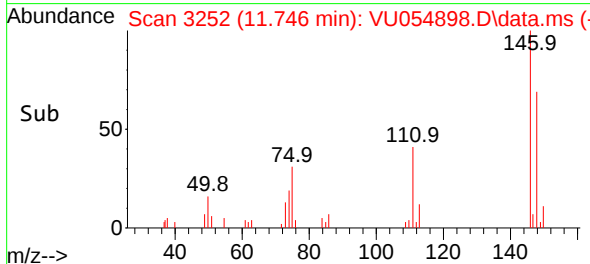
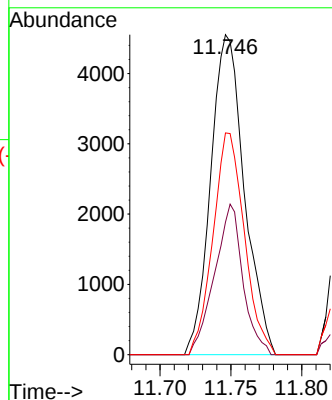
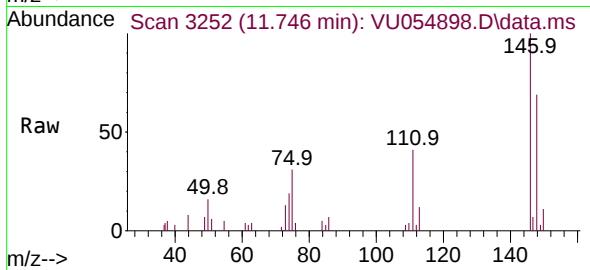




#82
1,3-Dichlorobenzene
Concen: 0.494 ug/l
RT: 11.746 min Scan# 31
Delta R.T. 0.006 min
Lab File: VU054898.D
Acq: 27 Jul 2023 16:53

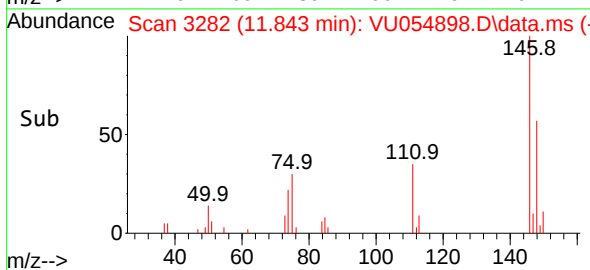
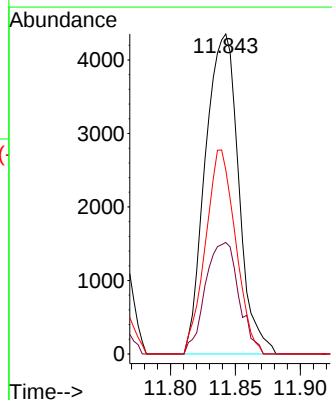
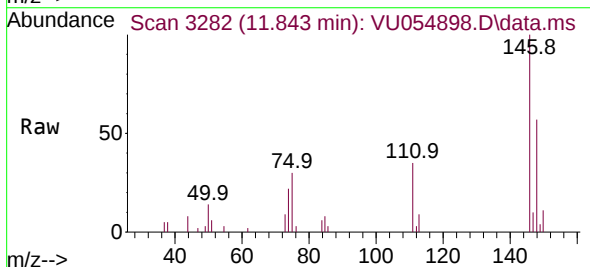
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK

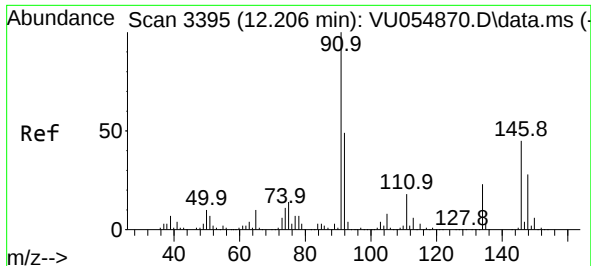
Tgt Ion:146 Resp: 7527
Ion Ratio Lower Upper
146 100
111 39.7 30.5 45.7
148 64.5 51.0 76.6



#83
1,4-Dichlorobenzene
Concen: 0.511 ug/l
RT: 11.843 min Scan# 3282
Delta R.T. 0.010 min
Lab File: VU054898.D
Acq: 27 Jul 2023 16:53

Tgt Ion:146 Resp: 7762
Ion Ratio Lower Upper
146 100
111 35.0 29.5 44.3
148 57.6 51.2 76.8

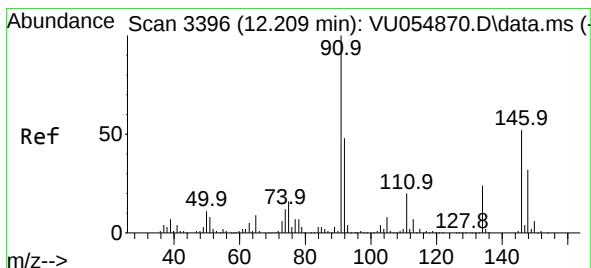
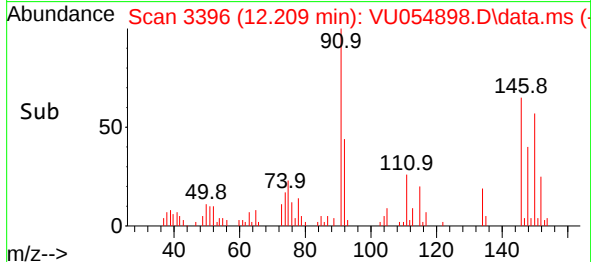
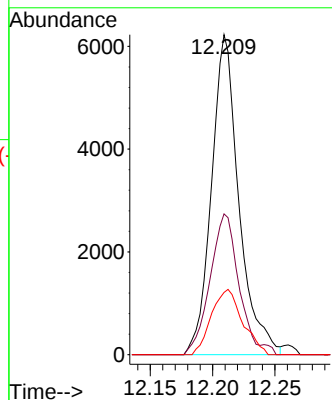
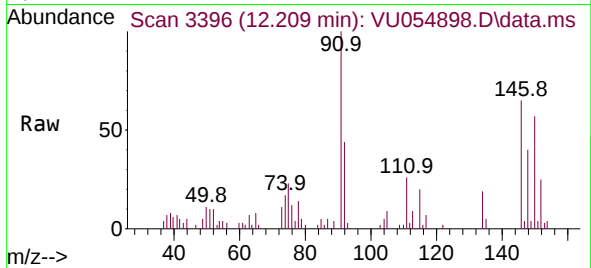




#84
n-Butylbenzene
Concen: 0.382 ug/l
RT: 12.209 min Scan# 3396
Delta R.T. 0.003 min
Lab File: VU054898.D
Acq: 27 Jul 2023 16:53

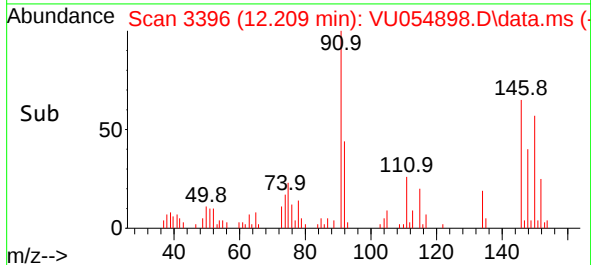
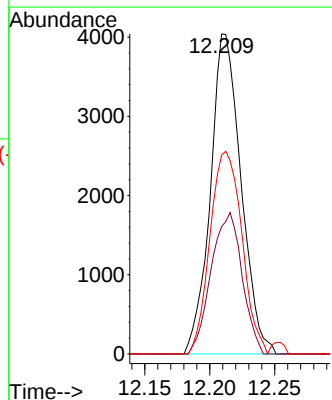
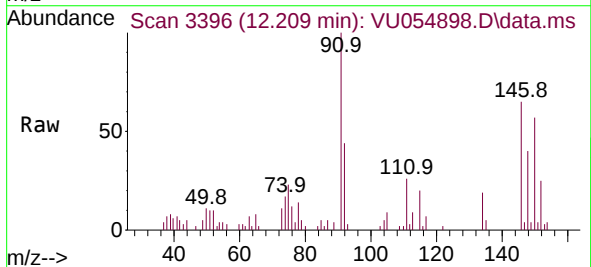
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK

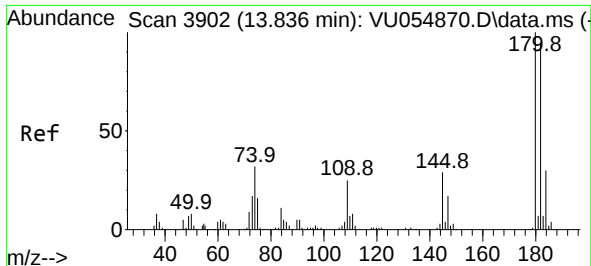
Tgt Ion: 91 Resp: 9531
Ion Ratio Lower Upper
91 100
92 46.6 39.8 59.8
134 23.2 20.2 30.4



#85
1,2-Dichlorobenzene
Concen: 0.453 ug/l
RT: 12.209 min Scan# 3396
Delta R.T. -0.000 min
Lab File: VU054898.D
Acq: 27 Jul 2023 16:53

Tgt Ion:146 Resp: 6621
Ion Ratio Lower Upper
146 100
111 44.6 19.8 59.4
148 66.0 31.8 95.3

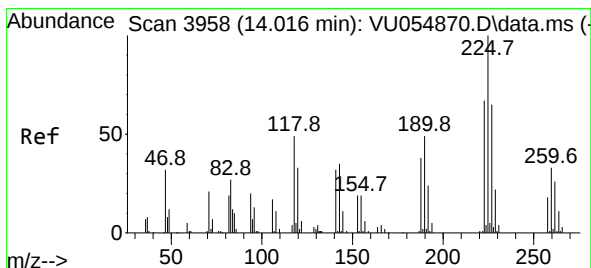
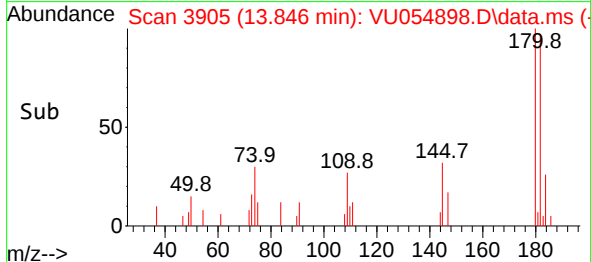
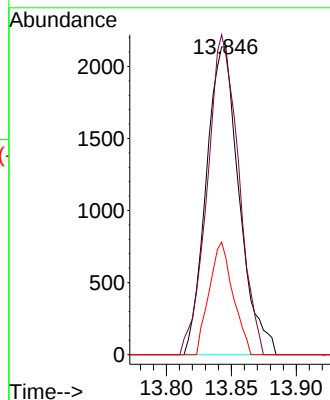
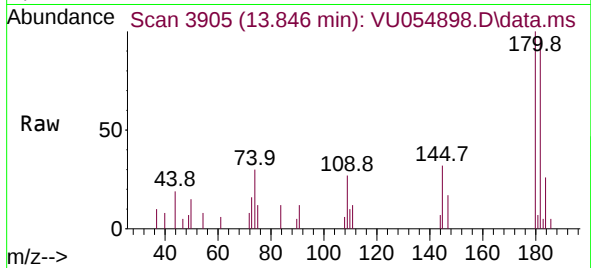




#87
1,2,4-Trichlorobenzene
Concen: 0.405 ug/l
RT: 13.846 min Scan# 3902
Delta R.T. 0.010 min
Lab File: VU054898.D
Acq: 27 Jul 2023 16:53

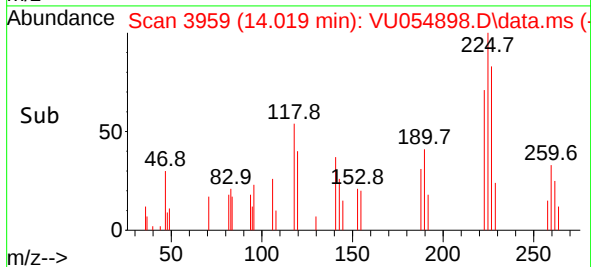
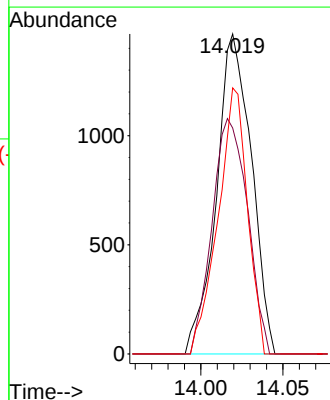
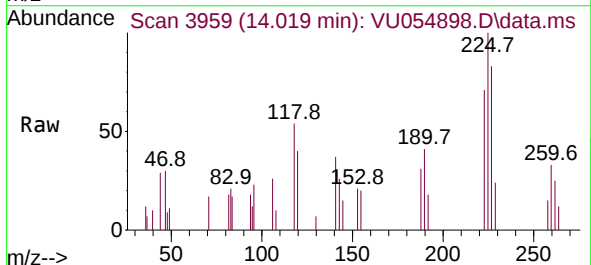
Instrument :
MSVOA_U
ClientSampleId :
RL-CHECK

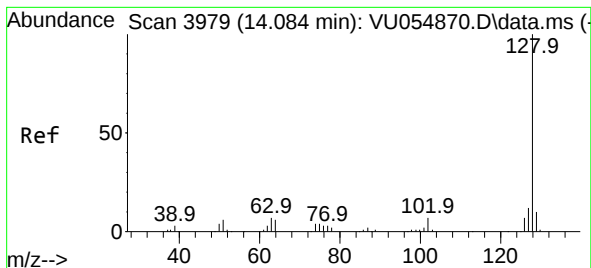
Tgt Ion:180 Resp: 3772
Ion Ratio Lower Upper
180 100
182 98.9 77.0 115.6
145 26.3 23.4 35.0



#88
Hexachlorobutadiene
Concen: 0.437 ug/l
RT: 14.019 min Scan# 3959
Delta R.T. 0.003 min
Lab File: VU054898.D
Acq: 27 Jul 2023 16:53

Tgt Ion:225 Resp: 2171
Ion Ratio Lower Upper
225 100
223 74.5 50.6 76.0
227 69.8 50.7 76.1





#89

Naphthalene

Concen: 0.473 ug/l

RT: 14.090 min Scan# 3979

Delta R.T. 0.006 min

Lab File: VU054898.D

Acq: 27 Jul 2023 16:53

Instrument :

MSVOA_U

ClientSampleId :

RL-CHECK

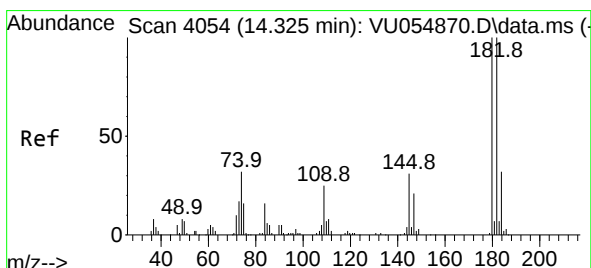
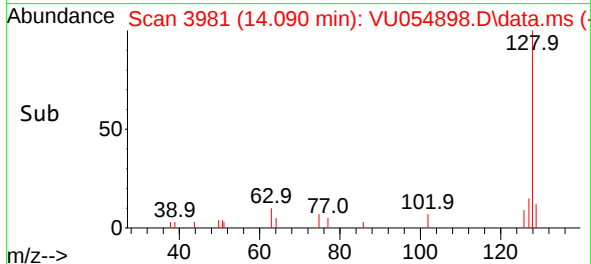
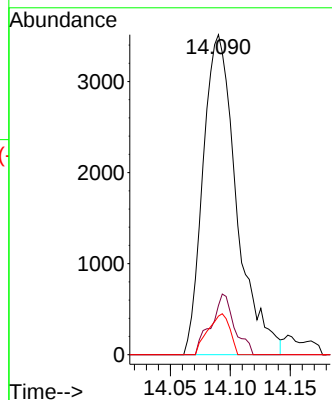
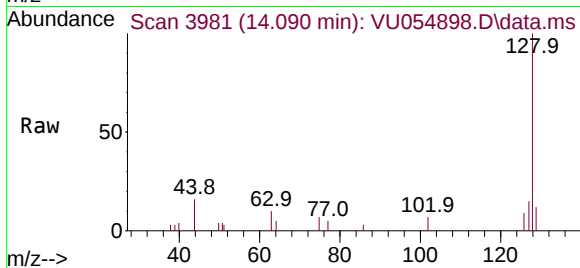
Tgt Ion:128 Resp: 6825

Ion Ratio Lower Upper

128 100

127 13.2 10.6 15.8

129 8.3 8.7 13.1#



#90

1,2,3-Trichlorobenzene

Concen: 0.576 ug/l

RT: 14.331 min Scan# 4056

Delta R.T. 0.006 min

Lab File: VU054898.D

Acq: 27 Jul 2023 16:53

Tgt Ion:180 Resp: 4763

Ion Ratio Lower Upper

180 100

182 99.9 76.0 114.0

145 26.6 24.3 36.5

